

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002928.D
 Acq On : 27 Jun 2018 10:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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 6/28/2018 4:47:51 PM

Quant Time: Jun 28 03:25:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	276161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	367856	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	358595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	234606	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	184538	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
35) Dibromofluoromethane	5.50	113	150419	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
50) Toluene-d8	8.72	98	549154	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
62) 4-Bromofluorobenzene	11.14	95	216002	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	117999	47.84	ug/l	99
3) Chloromethane	1.32	50	126583	49.43	ug/l	100
4) Vinyl Chloride	1.40	62	141239	45.22	ug/l	100
5) Bromomethane	1.64	94	90921	63.08	ug/l	99
6) Chloroethane	1.72	64	93209	50.91	ug/l	99
7) Trichlorofluoromethane	1.93	101	253424	48.11	ug/l	98
8) Diethyl Ether	2.19	74	90073	47.03	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	146998	48.16	ug/l	99
10) Methyl Iodide	2.51	142	148489	48.22	ug/l	99
11) Tert butyl alcohol	3.07	59	164124	215.84	ug/l	99
12) 1,1-Dichloroethene	2.37	96	126832	46.57	ug/l	98
13) Acrolein	2.29	56	94535	224.69	ug/l	99
14) Allyl chloride	2.73	41	255003	47.50	ug/l	99
15) Acrylonitrile	3.15	53	374696	230.70	ug/l	100
16) Acetone	2.45	43	419371	265.30	ug/l	98
17) Carbon Disulfide	2.57	76	321437	44.30	ug/l	99
18) Methyl Acetate	2.78	43	222735	50.40	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	466773	47.67	ug/l	99
20) Methylene Chloride	2.86	84	142805	46.42	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	135958	45.83	ug/l	96
22) Diisopropyl ether	3.87	45	499174	48.64	ug/l	98
23) Vinyl Acetate	3.82	43	2087169	240.18	ug/l	100
24) 1,1-Dichloroethane	3.70	63	267487	47.96	ug/l	100
25) 2-Butanone	4.71	43	564806	240.75	ug/l	99
26) 2,2-Dichloropropane	4.59	77	224286	49.45	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	158323	47.60	ug/l	95
28) Bromochloromethane	5.02	49	135318	50.68	ug/l	94
29) Tetrahydrofuran	5.16	42	342825	227.88	ug/l	98
30) Chloroform	5.21	83	280124	48.94	ug/l	97
31) Cyclohexane	5.57	56	229801	48.01	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	247788	49.20	ug/l	99
36) 1,1-Dichloropropene	5.80	75	202697	50.25	ug/l	99
37) Ethyl Acetate	4.86	43	210183	48.39	ug/l	99
38) Carbon Tetrachloride	5.78	117	225359	50.91	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	241741	51.45	ug/l	99
40) Benzene	6.15	78	588469	50.21	ug/l	99
41) Methacrylonitrile	5.06	41	122965	49.16	ug/l	98
42) 1,2-Dichloroethane	6.20	62	232660	49.14	ug/l	100
43) Isopropyl Acetate	6.46	43	352257	48.36	ug/l	99
44) Trichloroethene	7.21	130	175372	50.18	ug/l	97
45) 1,2-Dichloropropane	7.52	63	158015	50.82	ug/l	100
46) Dibromomethane	7.67	93	107337	49.75	ug/l	98
47) Bromodichloromethane	7.90	83	208995	52.39	ug/l	99
48) Methyl methacrylate	7.78	41	189403	50.46	ug/l	98
49) 1,4-Dioxane	7.76	88	66493	910.55	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1141307	250.42	ug/l	99
52) Toluene	8.79	92	386734	51.50	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	241406	53.44	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	228694	52.61	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	157406	51.01	ug/l	98
56) Ethyl methacrylate	9.18	69	232403	51.54	ug/l	97
57) 1,3-Dichloropropane	9.37	76	257471	50.81	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	573282	263.52	ug/l	99
59) 2-Hexanone	9.50	43	888519	256.52	ug/l	98
60) Dibromochloromethane	9.59	129	174132	53.61	ug/l	100
61) 1,2-Dibromoethane	9.68	107	165862	51.25	ug/l	99
64) Tetrachloroethene	9.34	164	199062	49.92	ug/l	98
65) Chlorobenzene	10.14	112	451297	49.55	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	168947	51.06	ug/l	99
67) Ethyl Benzene	10.26	91	776048	51.58	ug/l	99
68) m/p-Xylenes	10.36	106	603495	104.07	ug/l	99
69) o-Xylene	10.70	106	290153	51.39	ug/l	99
70) Styrene	10.71	104	484292	52.79	ug/l	99
71) Bromoform	10.86	173	135612	45.72	ug/l	100
73) Isopropylbenzene	11.02	105	803602	50.92	ug/l	100
74) N-amyl acetate	6.46	43	352257	45.62	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	232534	47.83	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	206541m	48.60	ug/l	
77) Bromobenzene	11.26	156	219576	48.85	ug/l	98
78) n-propylbenzene	11.37	91	934554	52.02	ug/l	99
79) 2-Chlorotoluene	11.42	91	547572	50.34	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	695142	52.29	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	67087	46.09	ug/l	98
82) 4-Chlorotoluene	11.51	91	652986	50.71	ug/l	99
83) tert-Butylbenzene	11.77	119	672694	51.35	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	712842	51.76	ug/l	99
85) sec-Butylbenzene	11.95	105	828264	52.12	ug/l	99
86) p-Isopropyltoluene	12.07	119	764203	53.48	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	410141	49.96	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	418526	49.54	ug/l	99
89) n-Butylbenzene	12.39	91	669559	53.84	ug/l	99
90) Hexachloroethane	12.60	117	112654	53.01	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	413437	49.90	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52254	47.81	ug/l	98

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VSTDCCC050

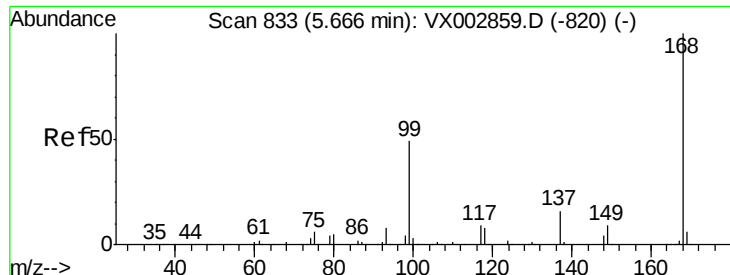
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	316708	52.52	ug/l	99
94) Hexachlorobutadiene	13.79	225	159412	53.01	ug/l	99
95) Naphthalene	13.84	128	830239	51.70	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	311898	51.79	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002928.D

Acq: 27 Jun 2018 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 276161

Ion Ratio Lower Upper

168 100

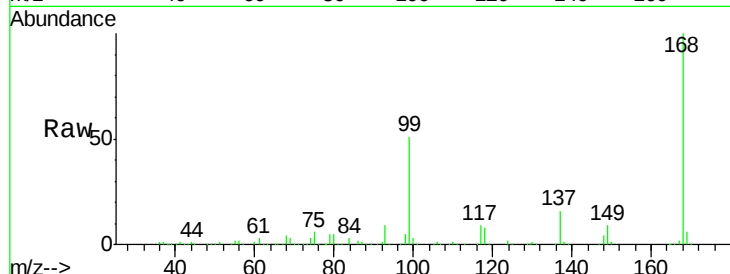
99 50.4 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

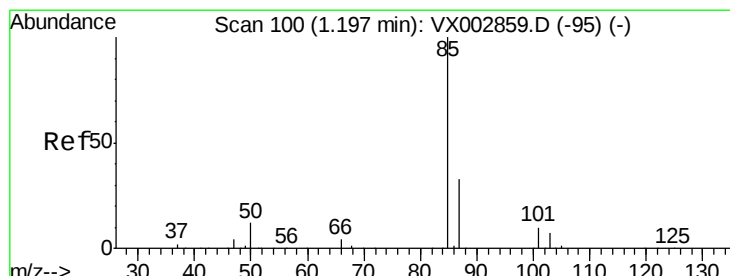
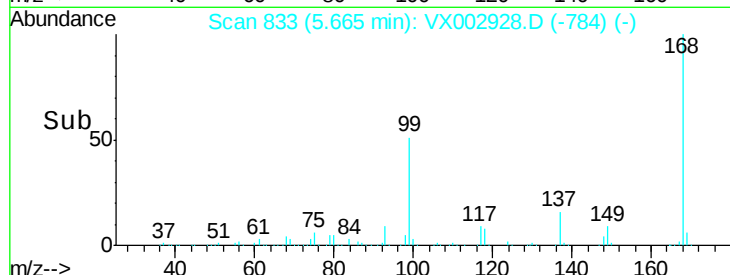
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 47.84 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002928.D

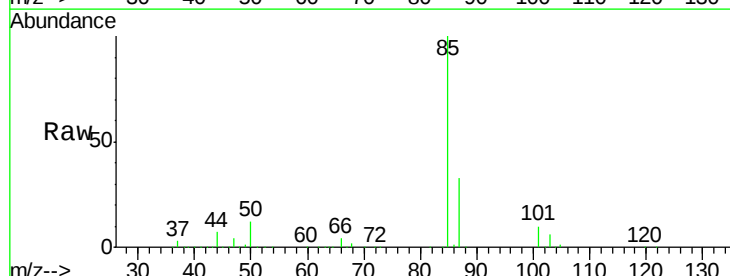
Acq: 27 Jun 2018 10:11

Tgt Ion: 85 Resp: 117999

Ion Ratio Lower Upper

85 100

87 32.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

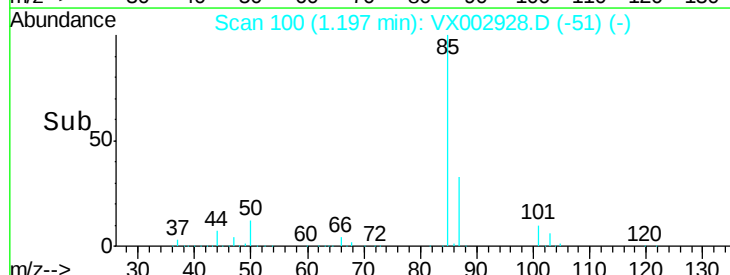
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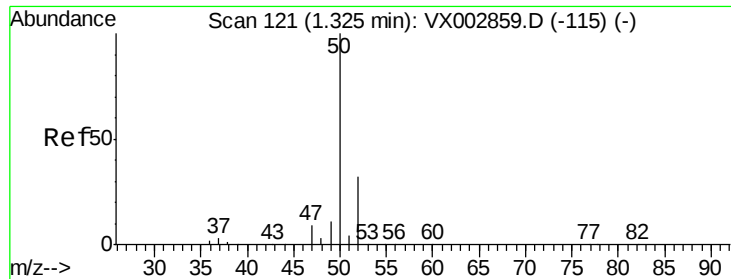
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50000

0

Time--> 1.15 1.20 1.25 1.30





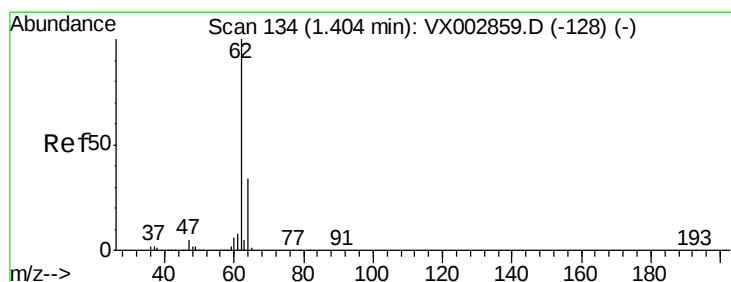
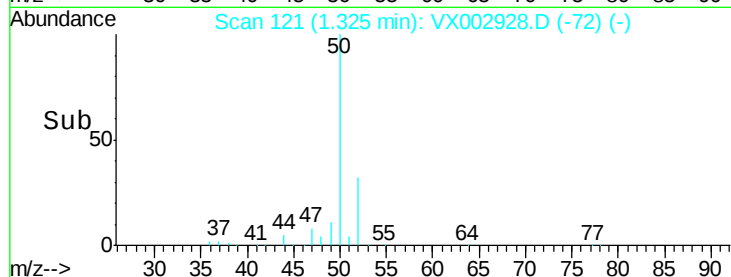
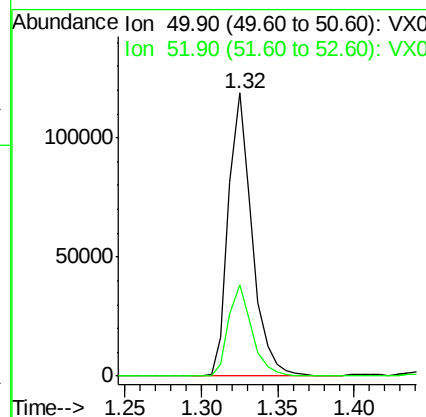
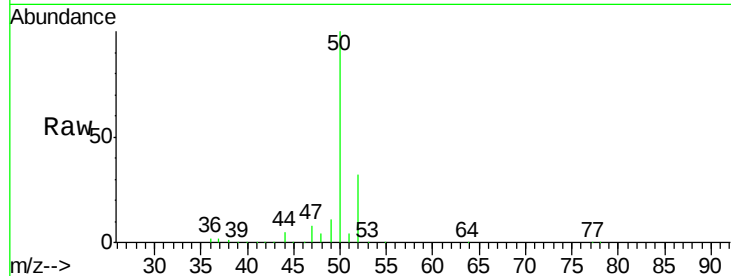
#3
Chloromethane
Concen: 49.43 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002928.D
Acq: 27 Jun 2018 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 50 Resp: 126583
Ion Ratio Lower Upper
50 100
52 32.2 25.7 38.5

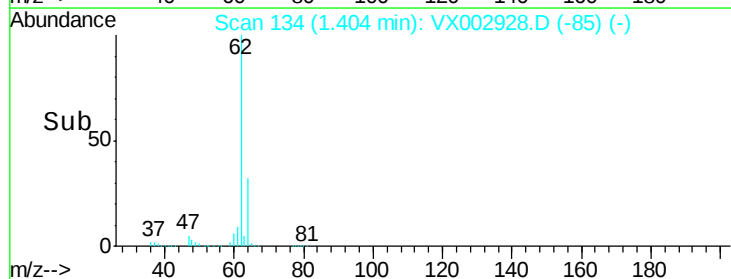
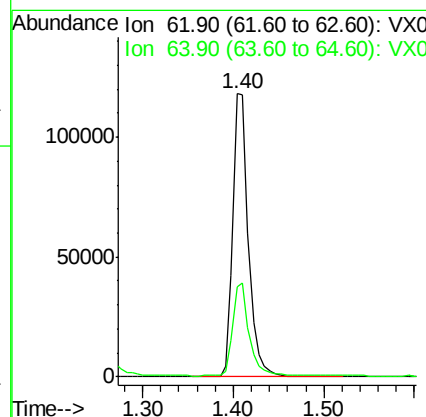
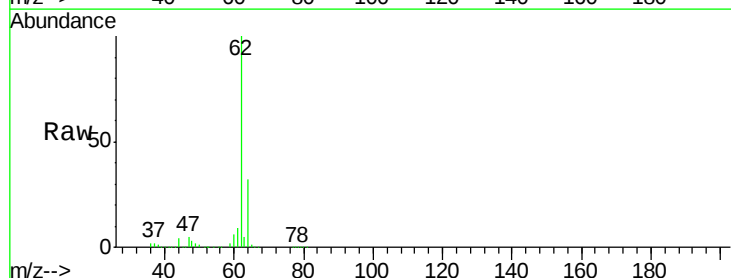
Manual Integrations
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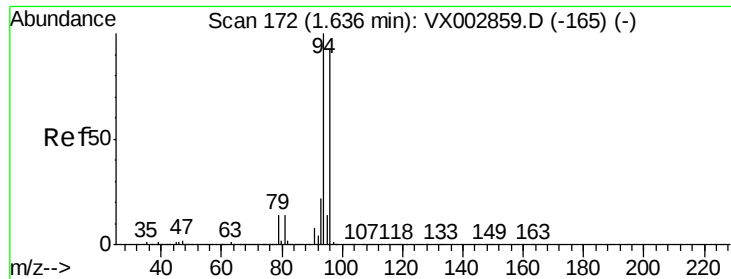
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#4
Vinyl Chloride
Concen: 45.22 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX002928.D
Acq: 27 Jun 2018 10:11

Tgt Ion: 62 Resp: 141239
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.2





#5

Bromomethane

Concen: 63.08 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002928.D

Acq: 27 Jun 2018 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 90921

Ion Ratio Lower Upper

94 100

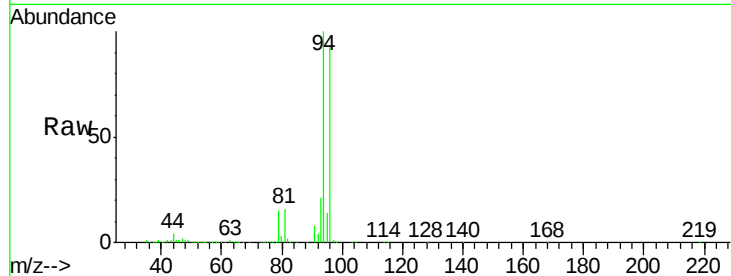
96 92.7 74.9 112.3

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

100000

80000

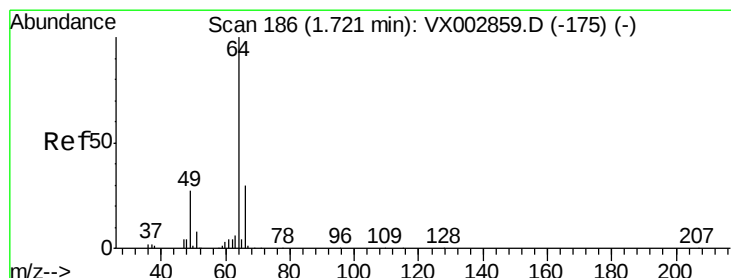
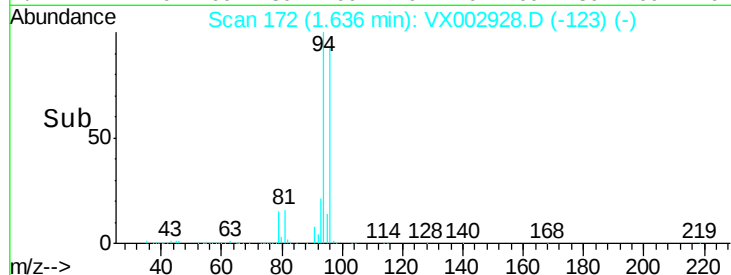
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 50.91 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002928.D

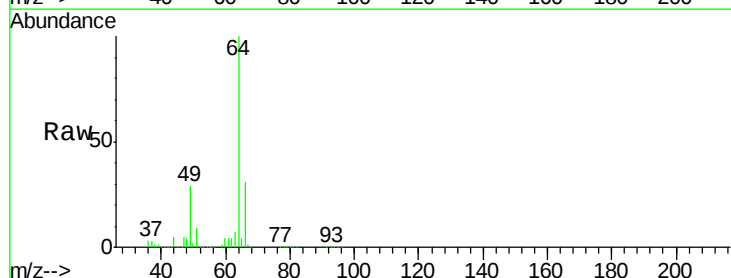
Acq: 27 Jun 2018 10:11

Tgt Ion: 64 Resp: 93209

Ion Ratio Lower Upper

64 100

66 31.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

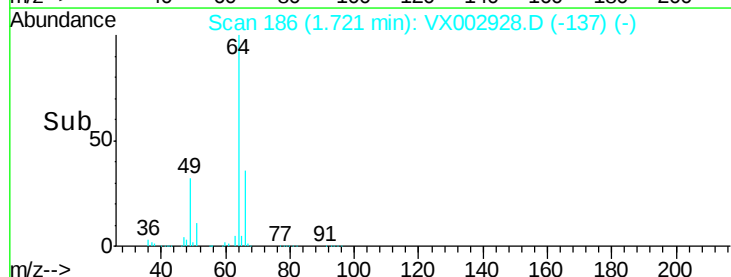
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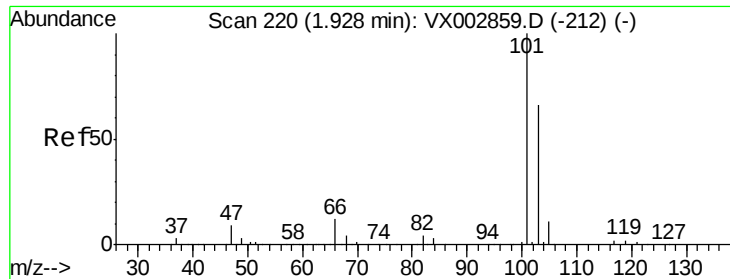
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Time-->





#7

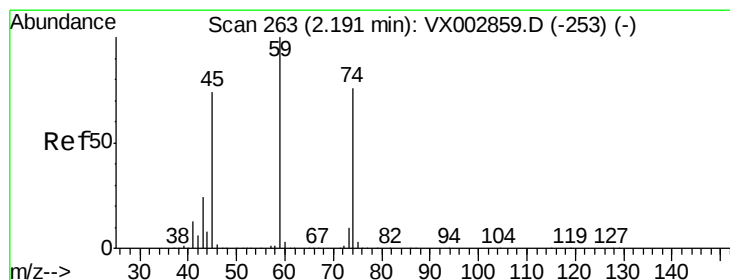
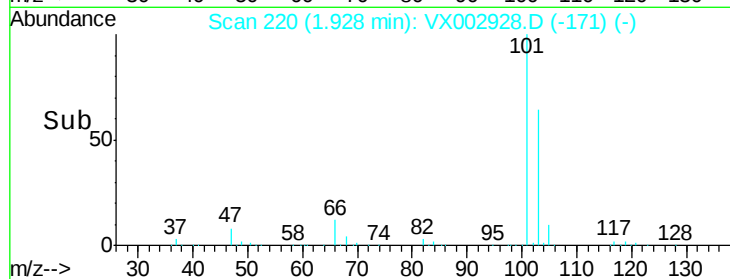
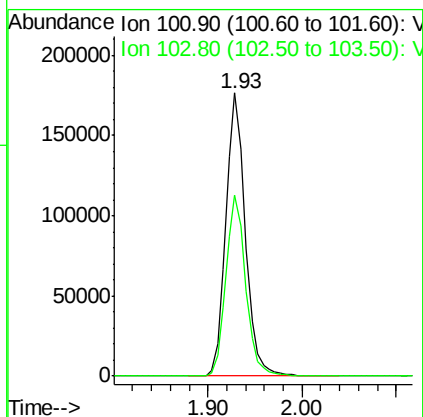
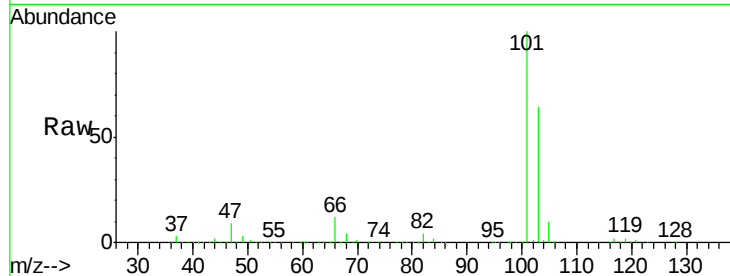
Trichlorofluoromethane
 Concen: 48.11 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX002928.D
 Acq: 27 Jun 2018 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:101 Resp: 253424
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.8 79.2

Manual Integrations
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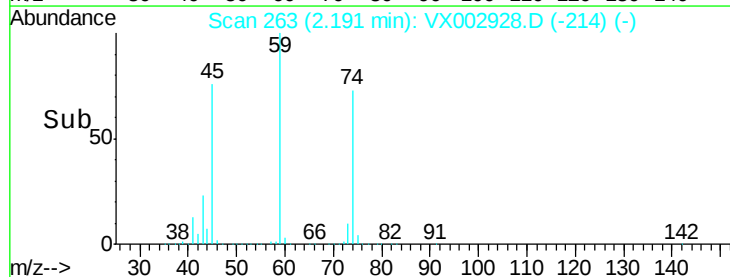
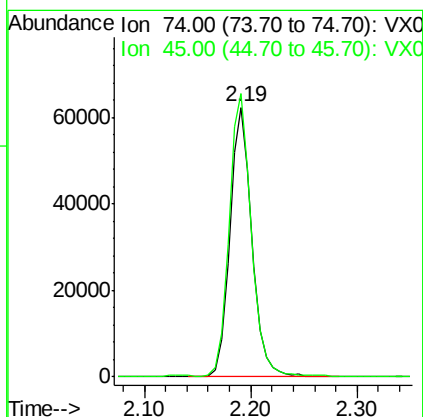
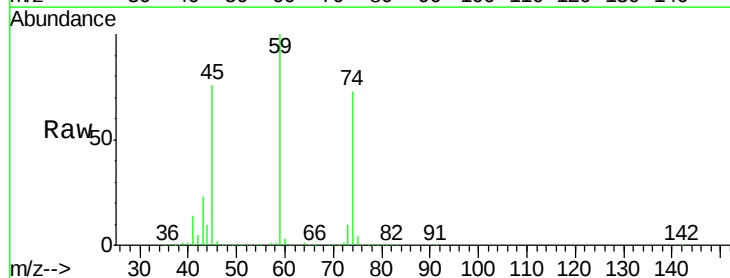
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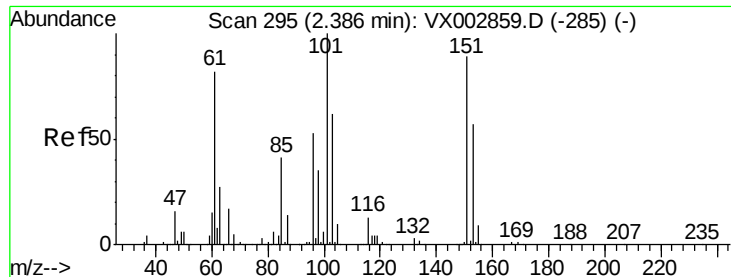


#8

Diethyl Ether
 Concen: 47.03 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX002928.D
 Acq: 27 Jun 2018 10:11

Tgt Ion: 74 Resp: 90073
 Ion Ratio Lower Upper
 74 100
 45 105.0 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.16 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002928.D

Acq: 27 Jun 2018 10:11

Instrument :

MSVOA_X

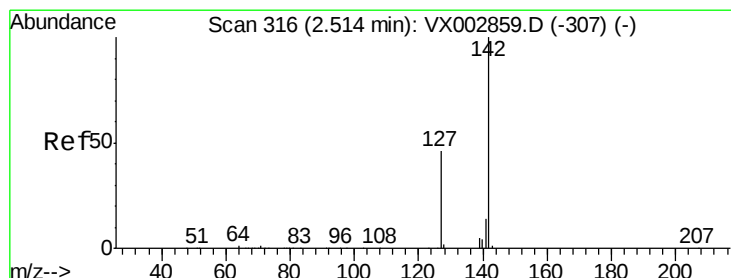
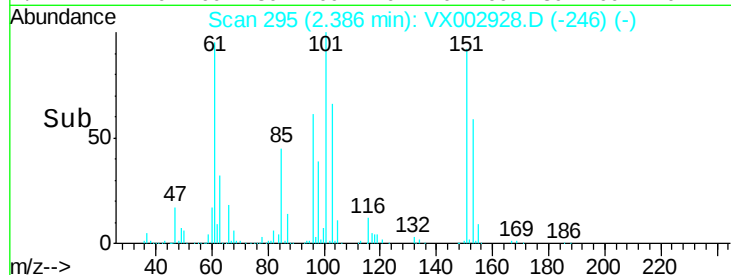
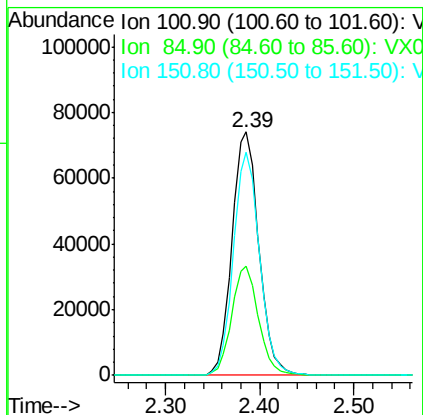
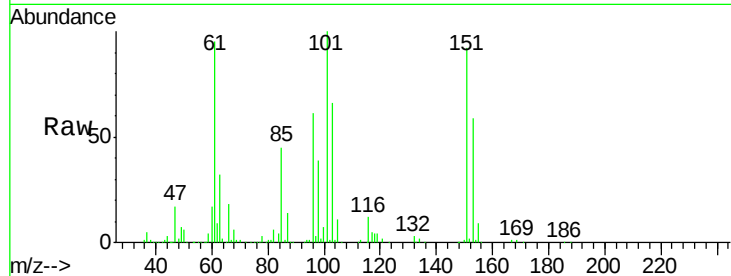
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	146998
Ion Ratio	Lower	Upper	
101	100		
85	44.6	36.0	54.0
151	89.3	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 48.22 ug/l

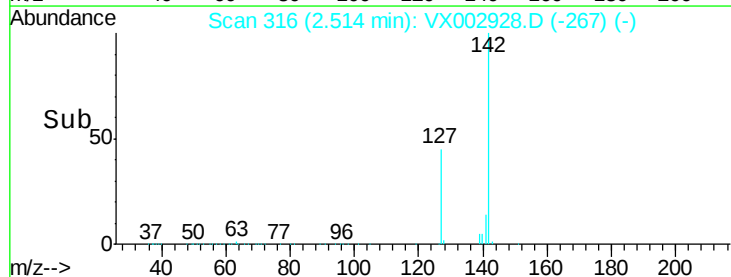
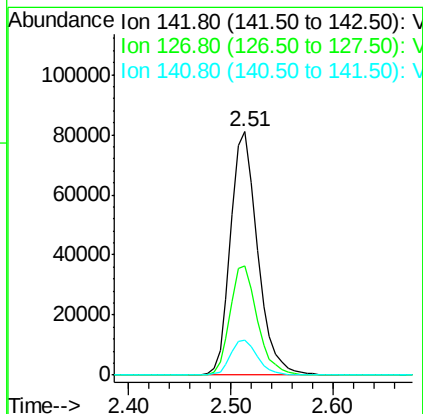
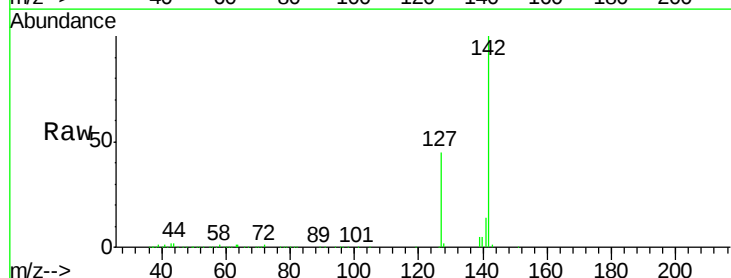
RT: 2.51 min Scan# 316

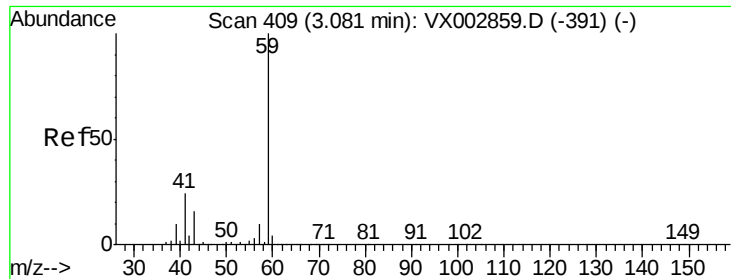
Delta R.T. 0.00 min

Lab File: VX002928.D

Acq: 27 Jun 2018 10:11

Tgt Ion:	142	Resp:	148489
Ion Ratio	Lower	Upper	
142	100		
127	45.3	36.6	55.0
141	14.5	11.3	16.9





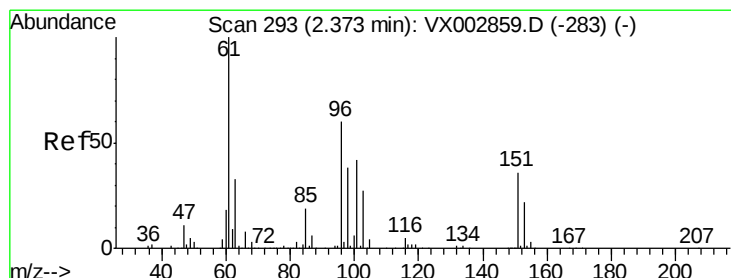
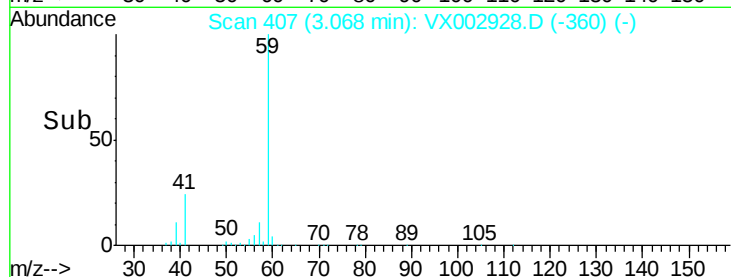
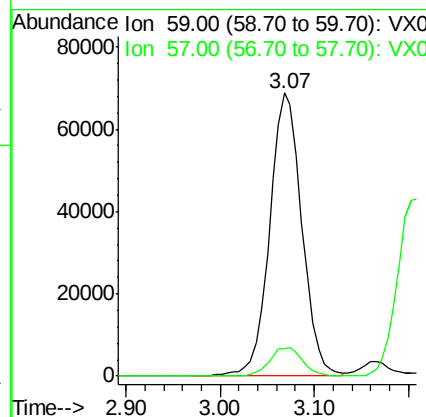
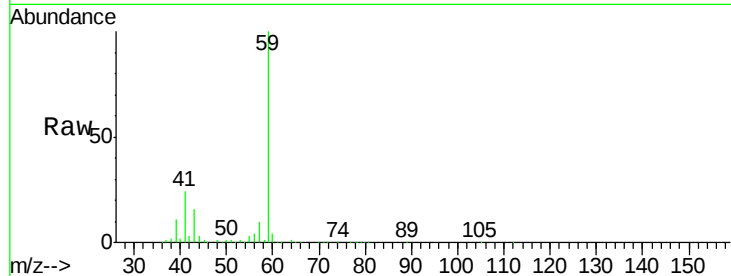
#11
Tert butyl alcohol
Concen: 215.84 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002928.D
Acq: 27 Jun 2018 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.2	12.2

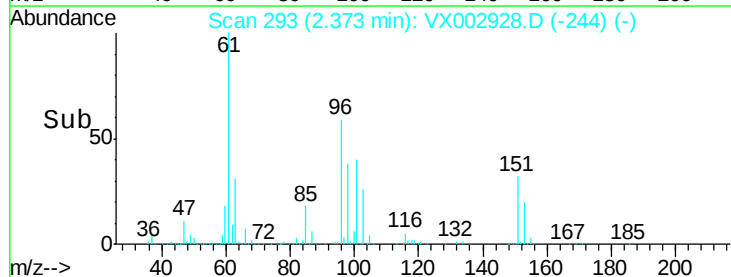
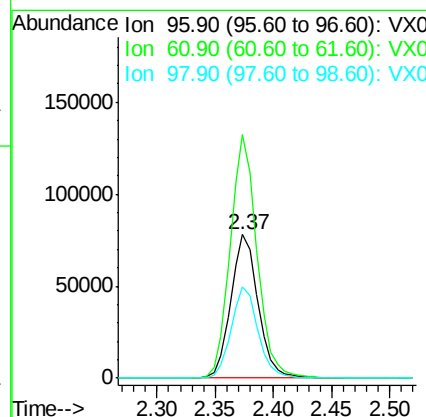
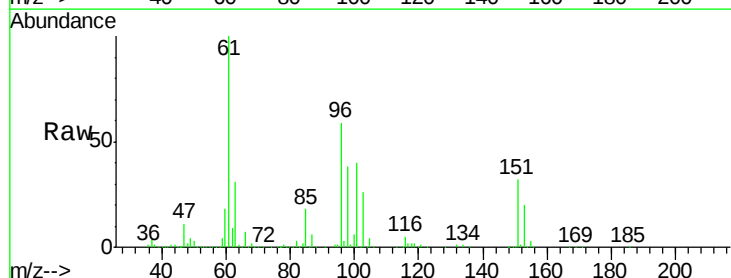
Manual Integrations
APPROVED

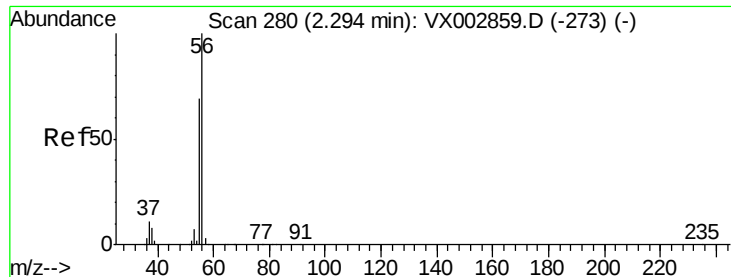
MMDadoda
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#12
1,1-Dichloroethene
Concen: 46.57 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002928.D
Acq: 27 Jun 2018 10:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.4	137.9	206.9
98	63.6	51.6	77.4





#13

Acrolein

Concen: 224.69 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002928.D

Acq: 27 Jun 2018 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 94535

Ion Ratio Lower Upper

56 100

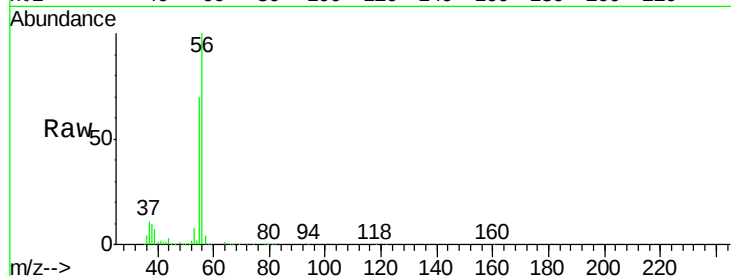
55 72.1 57.0 85.4

Manual Integrations

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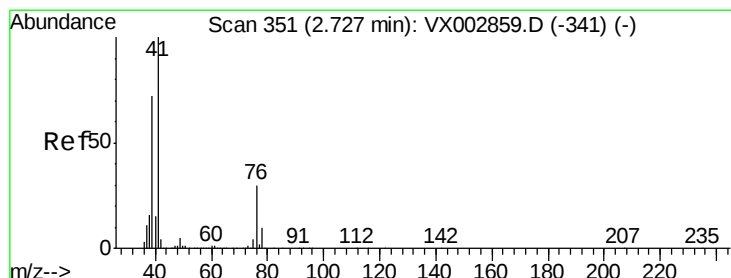
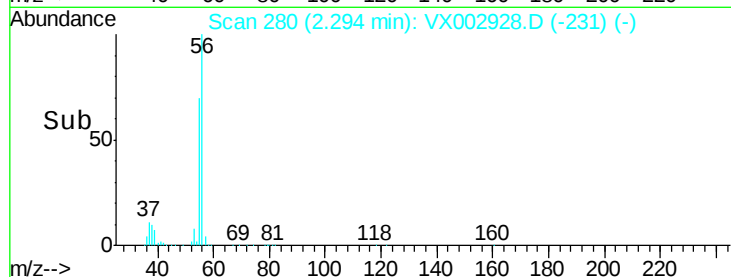
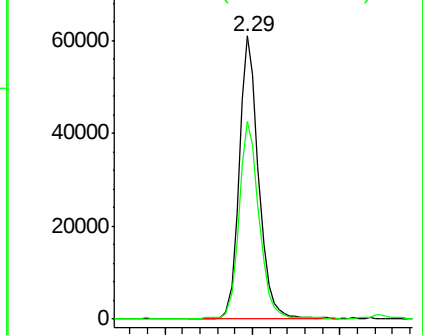
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 47.50 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002928.D

Acq: 27 Jun 2018 10:11

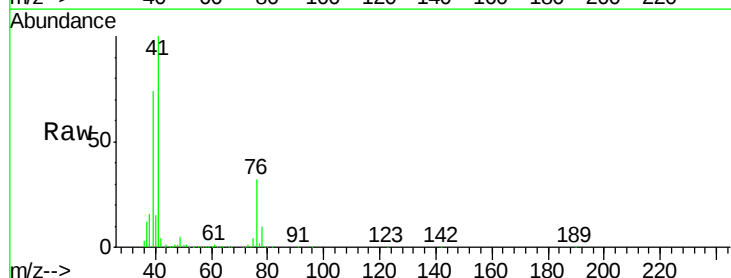
Tgt Ion: 41 Resp: 255003

Ion Ratio Lower Upper

41 100

39 70.2 56.8 85.2

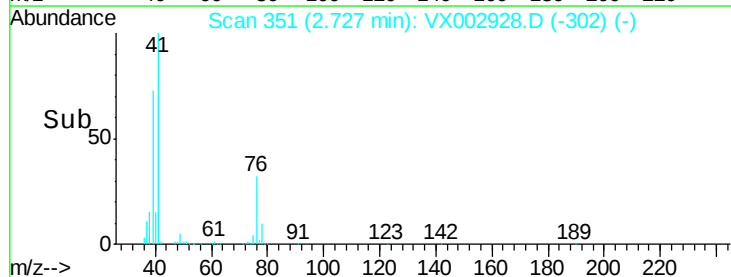
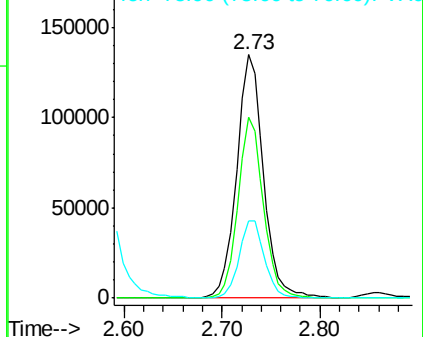
76 30.0 23.8 35.8

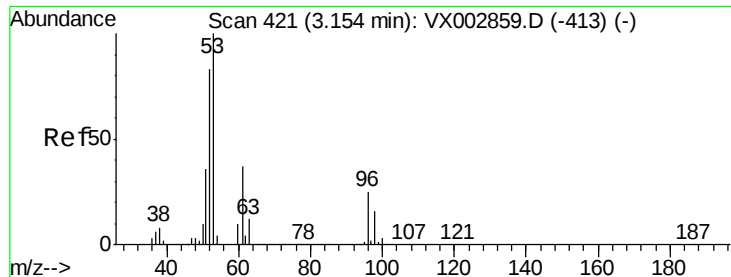


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 230.70 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002928.D

Acq: 27 Jun 2018 10:11

Instrument :

MSVOA_X

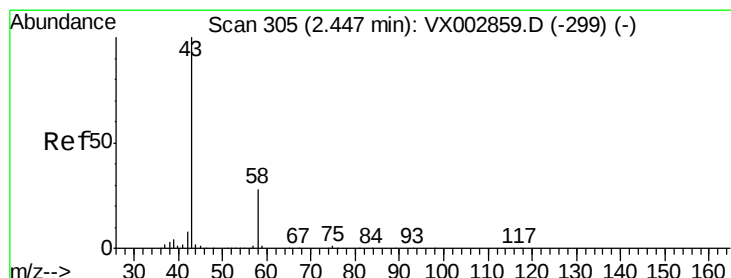
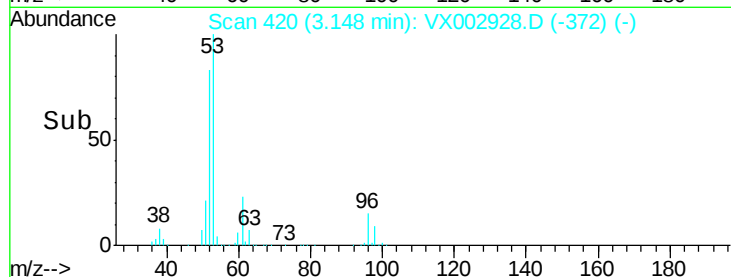
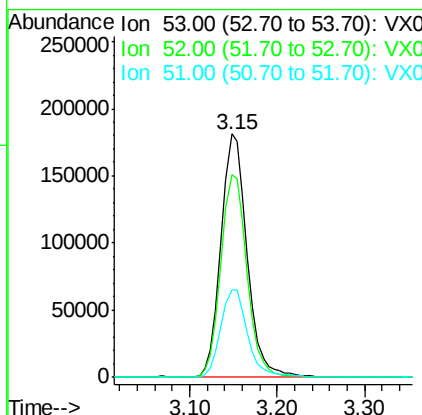
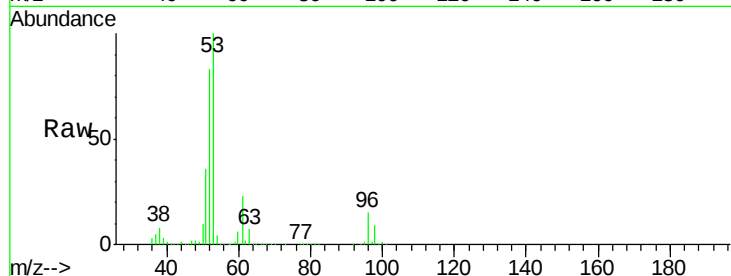
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	374696
Ion	Ratio	Lower	Upper
53	100		
52	84.0	66.7	100.1
51	37.4	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 265.30 ug/l

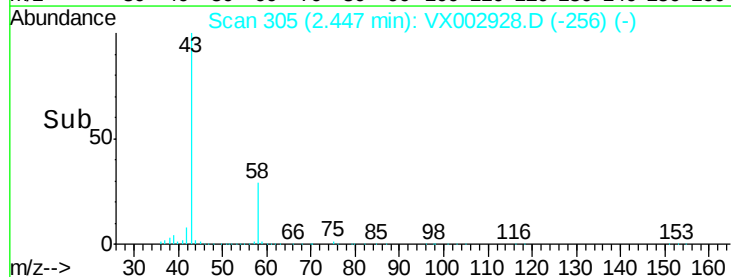
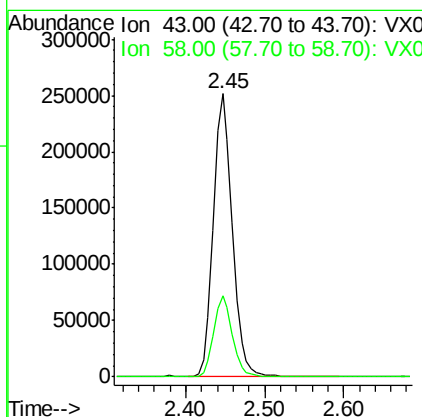
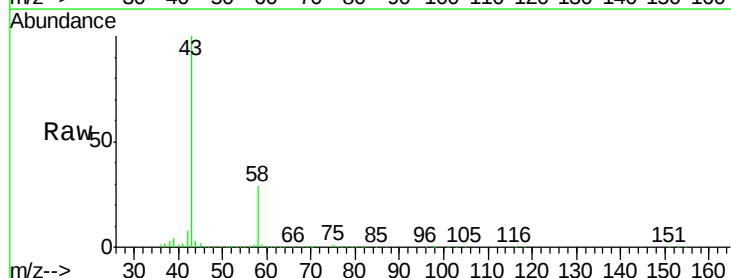
RT: 2.45 min Scan# 305

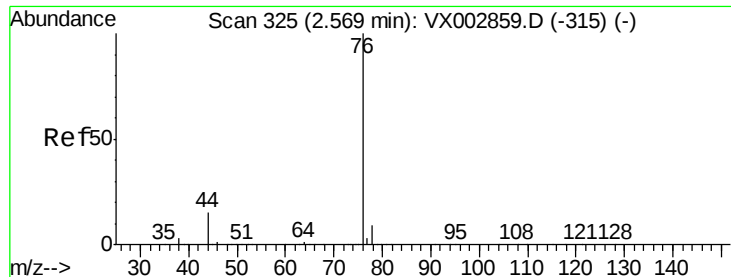
Delta R.T. -0.00 min

Lab File: VX002928.D

Acq: 27 Jun 2018 10:11

Tgt Ion:	43	Resp:	419371
Ion	Ratio	Lower	Upper
43	100		
58	28.5	22.1	33.1





#17

Carbon Disulfide

Concen: 44.30 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002928.D

Acq: 27 Jun 2018 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 321437

Ion Ratio Lower Upper

76 100

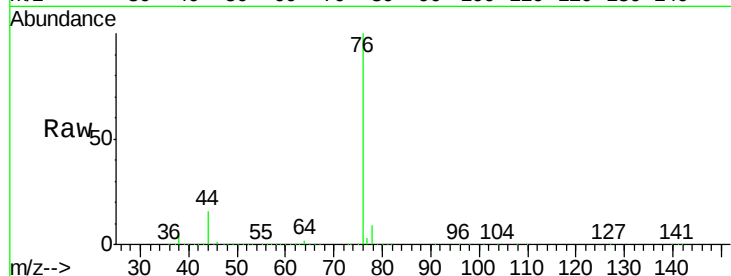
78 8.9 6.9 10.3

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

200000

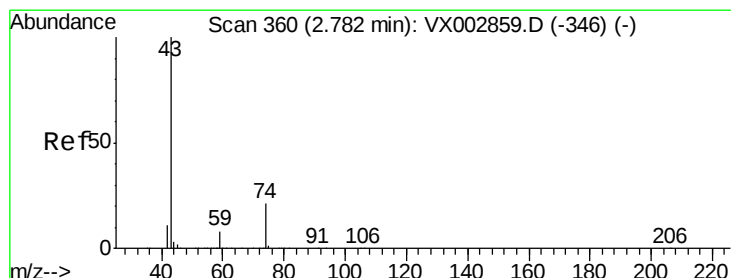
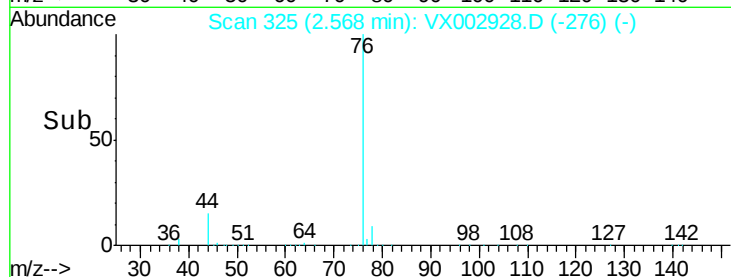
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 50.40 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX002928.D

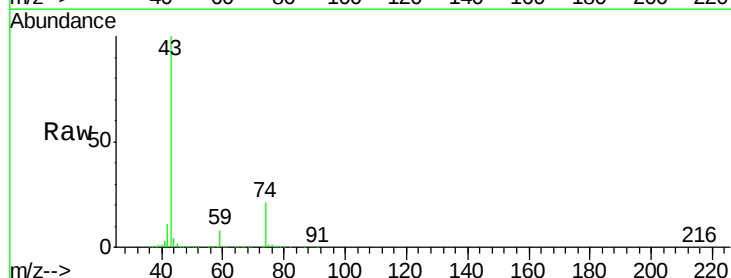
Acq: 27 Jun 2018 10:11

Tgt Ion: 43 Resp: 222735

Ion Ratio Lower Upper

43 100

74 21.0 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

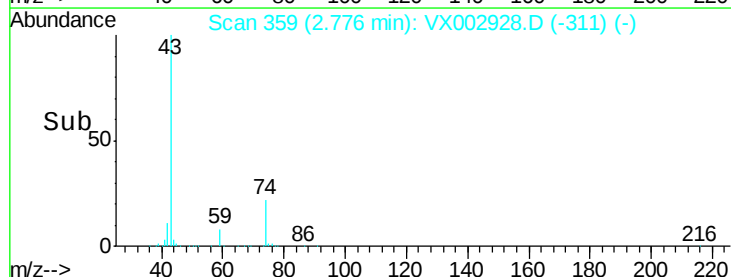
2.78

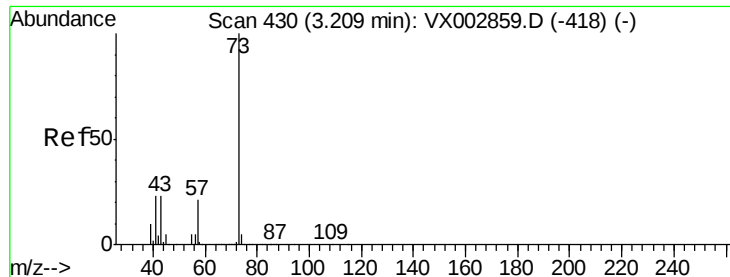
100000

50000

0

Time-->





#19

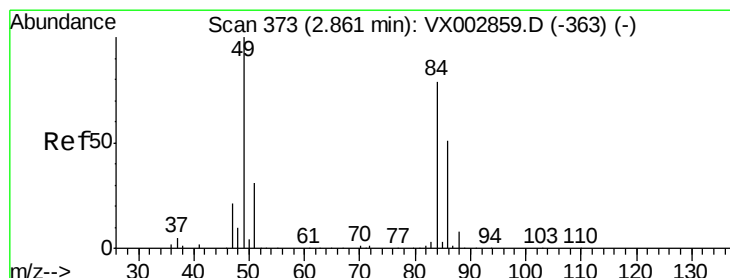
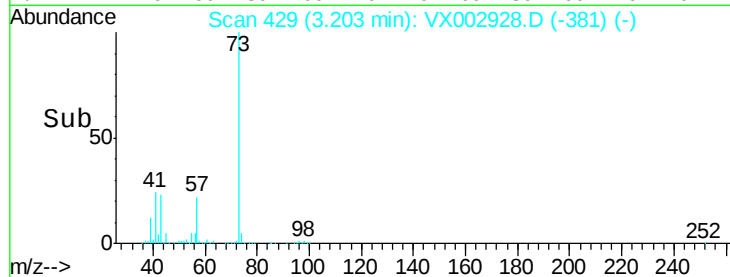
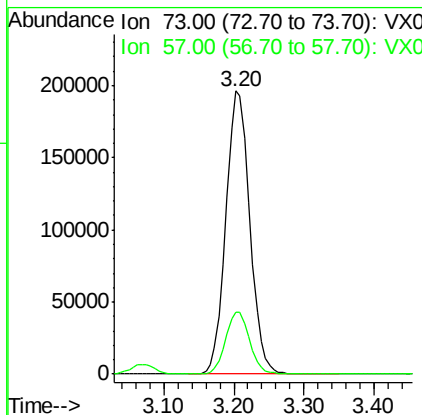
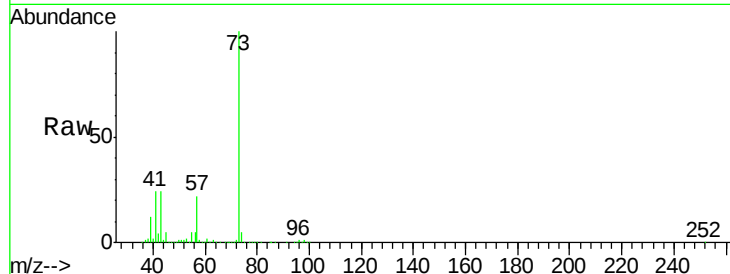
Methyl tert-butyl Ether
 Concen: 47.67 ug/l
 RT: 3.20 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: VX002928.D
 Acq: 27 Jun 2018 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.7	26.5

Manual Integrations
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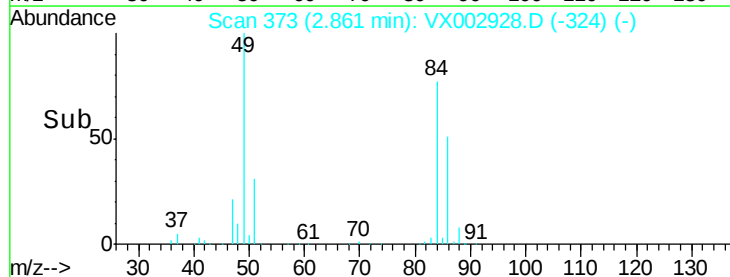
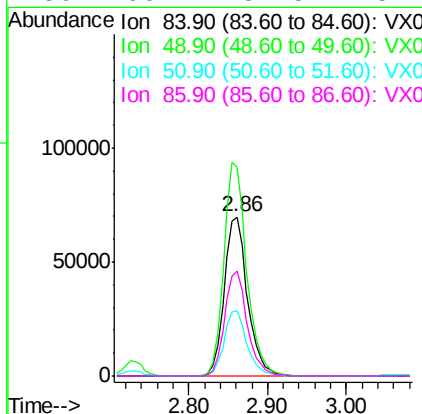
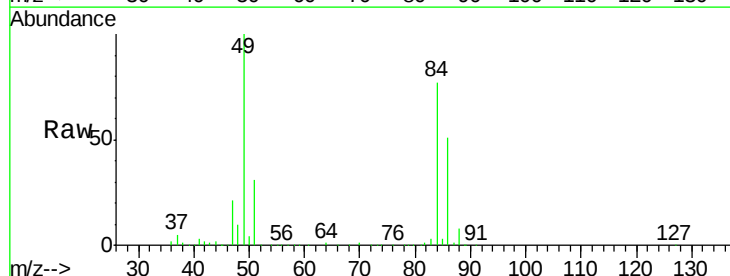
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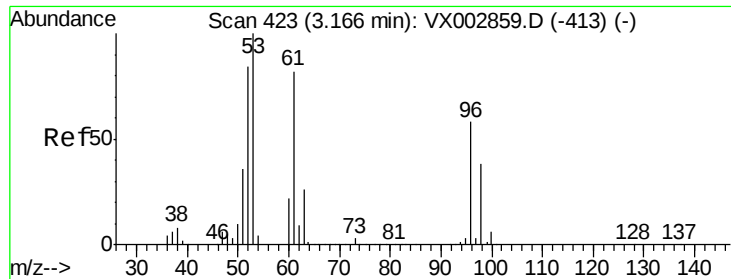


#20

Methylene Chloride
 Concen: 46.42 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX002928.D
 Acq: 27 Jun 2018 10:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.7	107.8	161.6
51	40.5	32.8	49.2
86	66.2	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 45.83 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002928.D

Acq: 27 Jun 2018 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 135958

Ion Ratio Lower Upper

96 100

61 140.9 117.0 175.4

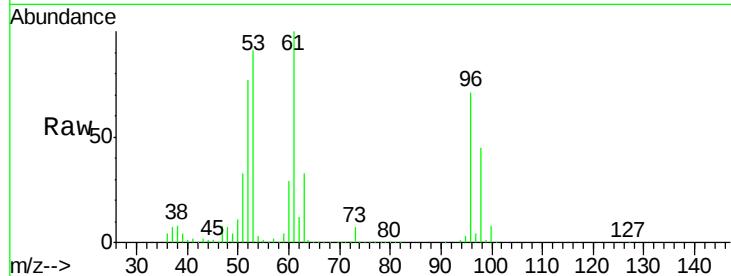
98 63.3 52.4 78.6

Manual Integrations

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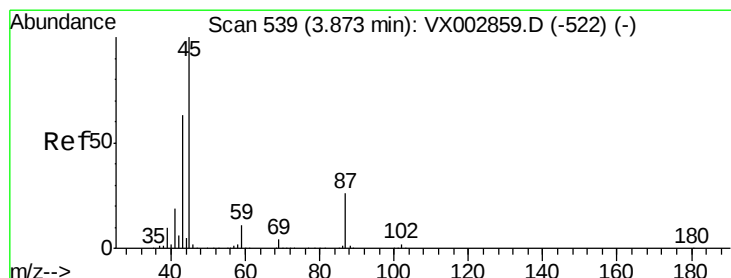
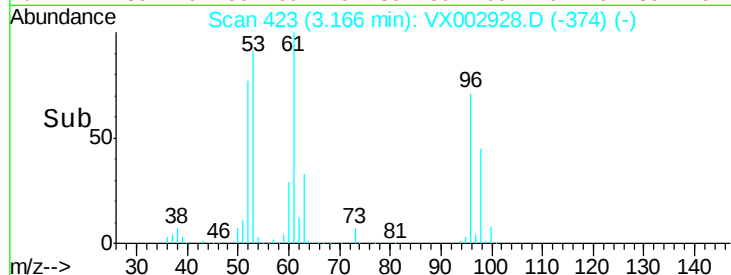
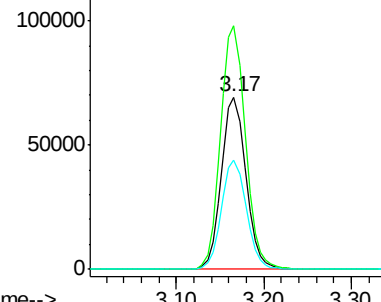
6/28/2018 4:47:51 PM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.64 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX002928.D

Acq: 27 Jun 2018 10:11

Tgt Ion: 45 Resp: 499174

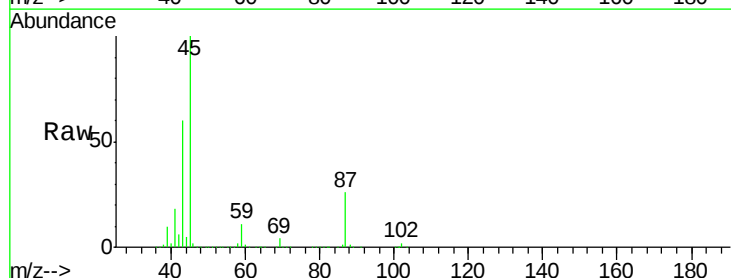
Ion Ratio Lower Upper

45 100

43 60.3 46.8 70.2

87 25.7 20.2 30.4

59 10.8 8.7 13.1

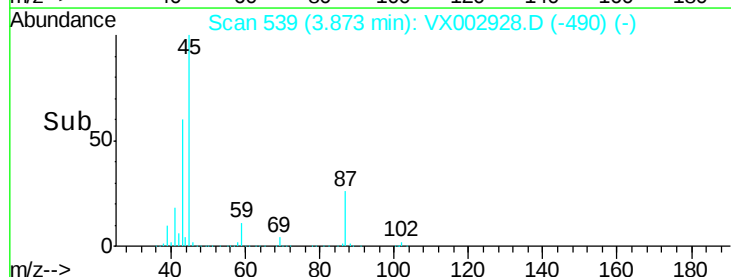
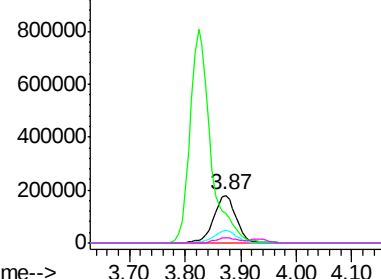


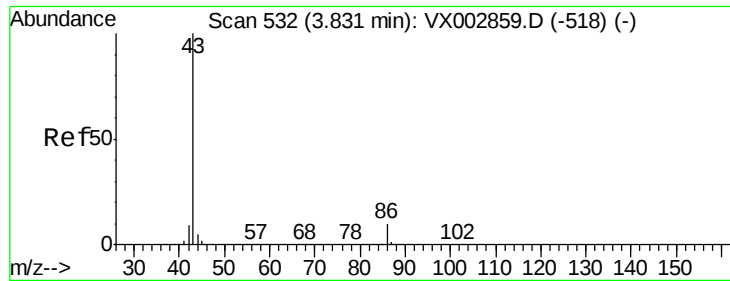
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 240.18 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002928.D

Acq: 27 Jun 2018 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2087169

Ion Ratio Lower Upper

43 100

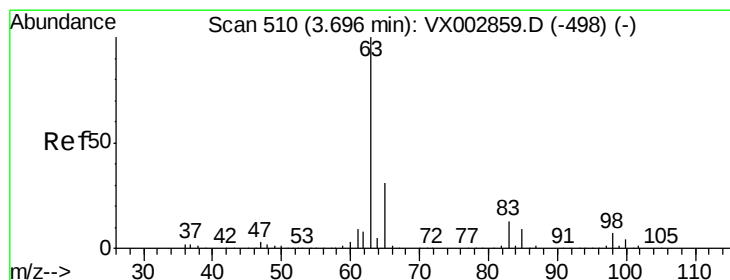
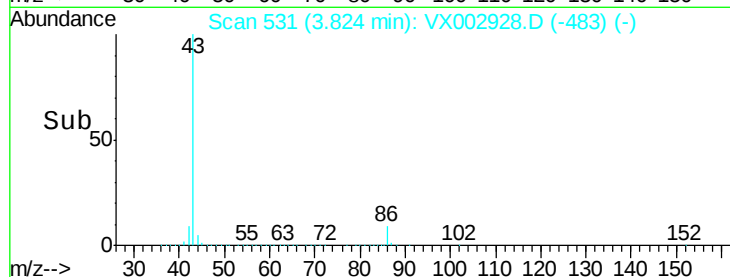
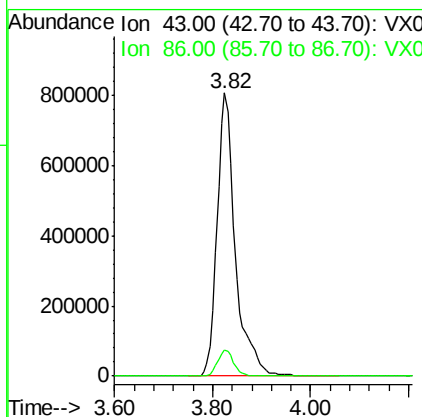
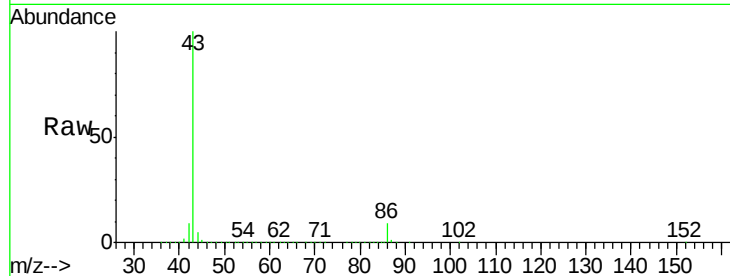
86 9.3 7.4 11.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 47.96 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002928.D

Acq: 27 Jun 2018 10:11

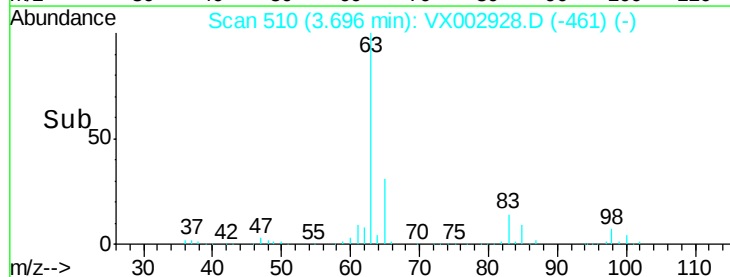
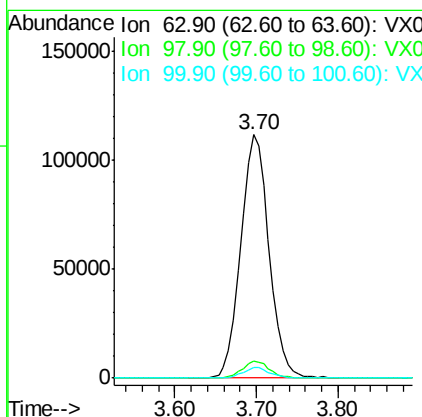
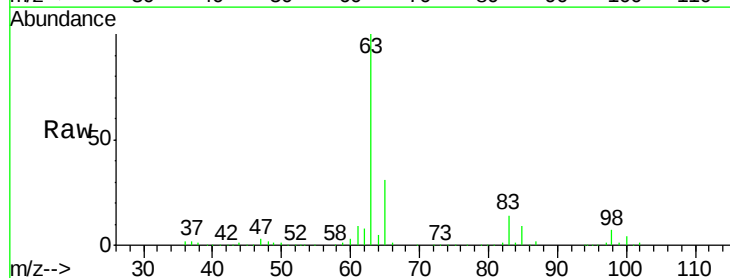
Tgt Ion: 63 Resp: 267487

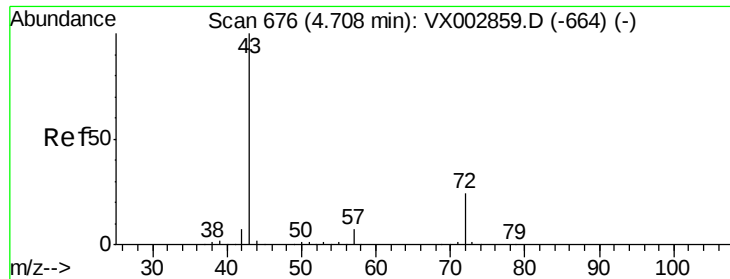
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.2 2.0 6.0





#25

2-Butanone

Concen: 240.75 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX002928.D

Acq: 27 Jun 2018 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 564806

Ion Ratio Lower Upper

43 100

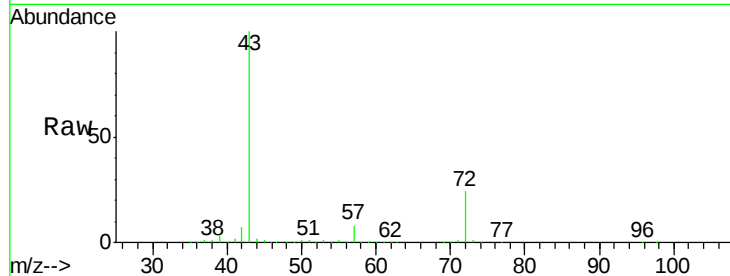
72 23.5 18.5 27.7

Manual Integrations

APPROVED

MMDadoda

6/28/2018 4:47:51 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

200000

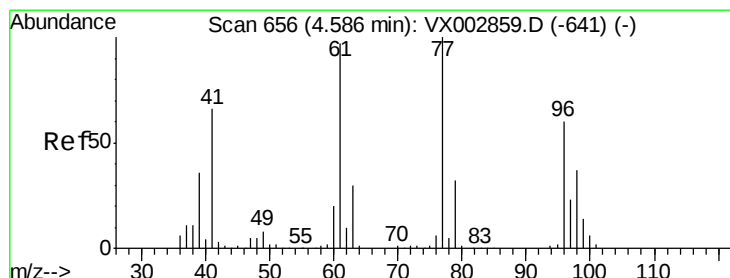
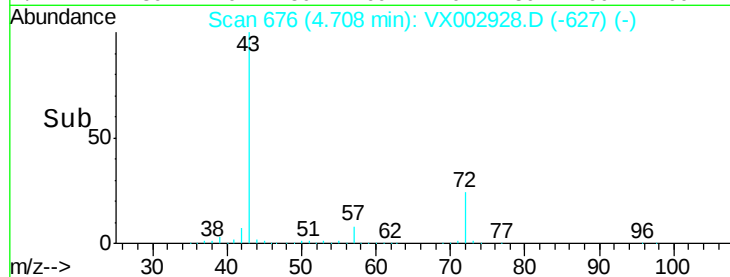
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 49.45 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002928.D

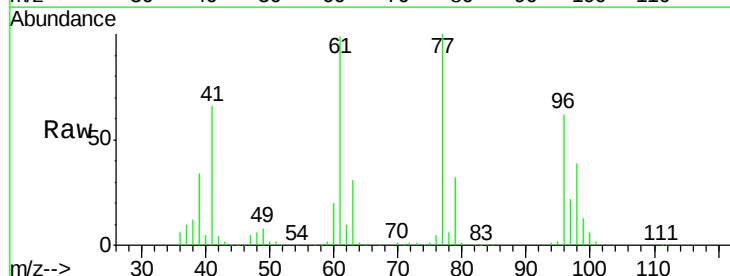
Acq: 27 Jun 2018 10:11

Tgt Ion: 77 Resp: 224286

Ion Ratio Lower Upper

77 100

97 22.6 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

80000

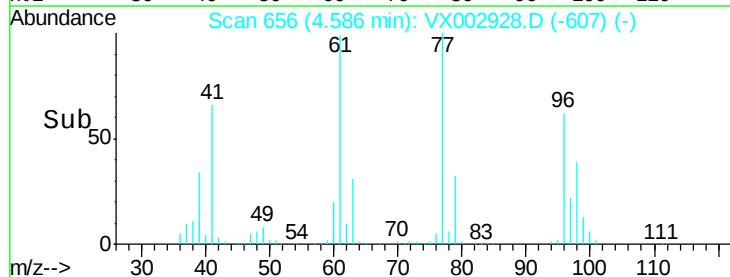
60000

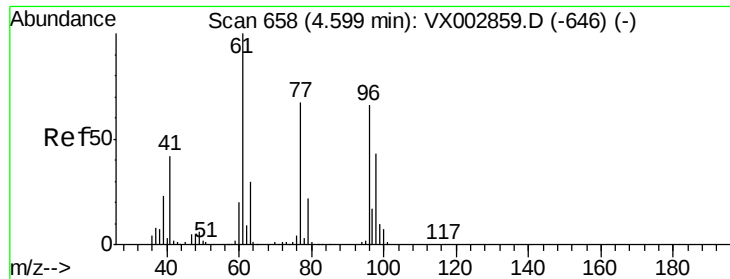
40000

20000

0

Time-->





#27

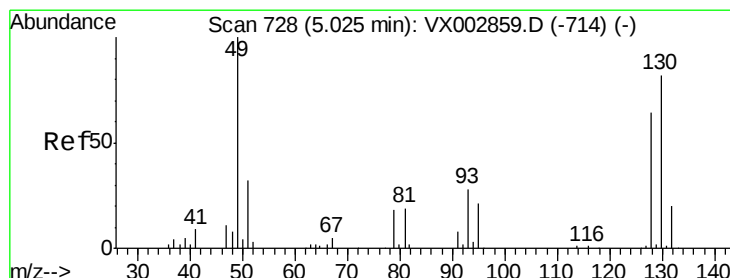
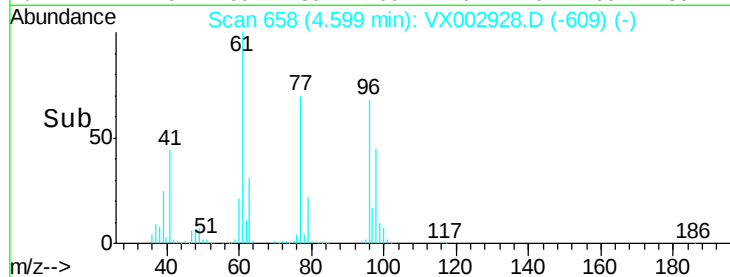
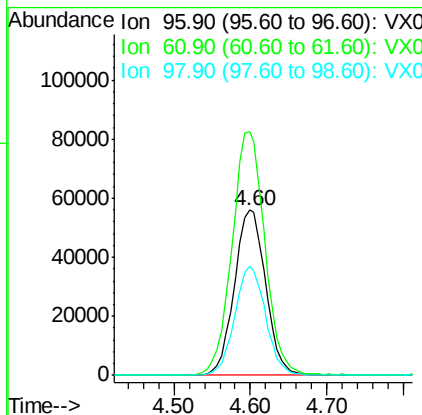
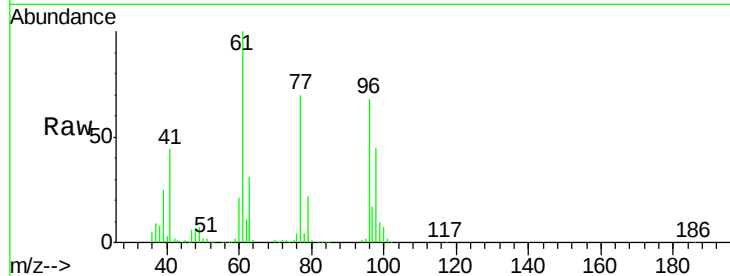
cis-1,2-Dichloroethene
 Concen: 47.60 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: VX002928.D
 Acq: 27 Jun 2018 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	158323		
61	155.6	0.0	330.2	
98	65.0	0.0	130.2	

Manual Integrations
 APPROVED

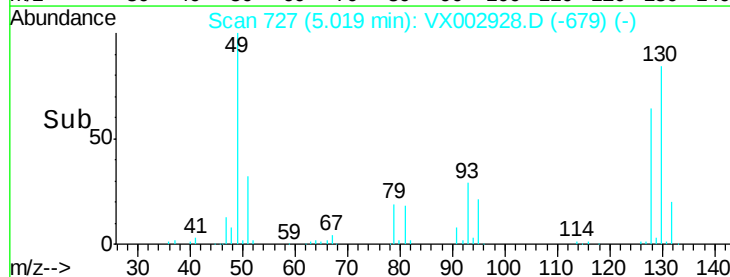
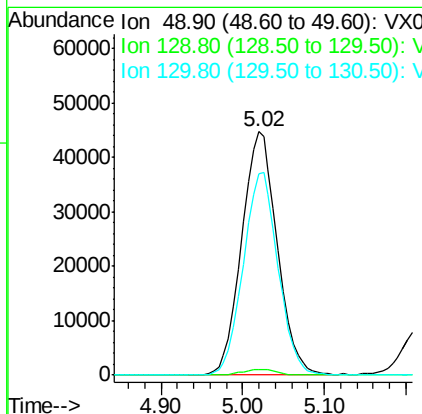
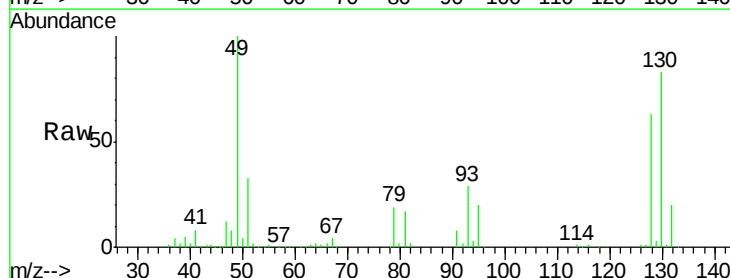
MMDadoda
 6/28/2018 4:47:51 PM

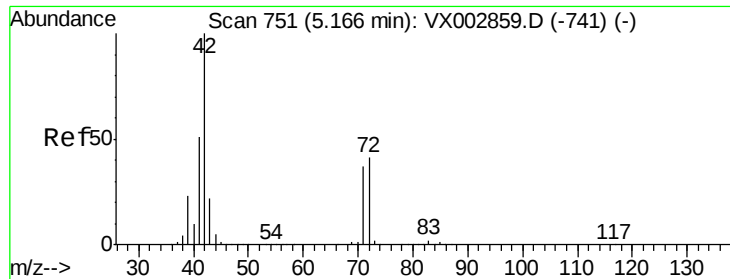


#28

Bromochloromethane
 Concen: 50.68 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: VX002928.D
 Acq: 27 Jun 2018 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	135318		
129	2.3	0.0	4.2	
130	81.7	61.2	91.8	





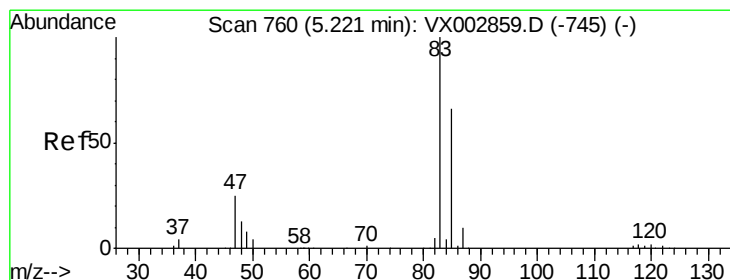
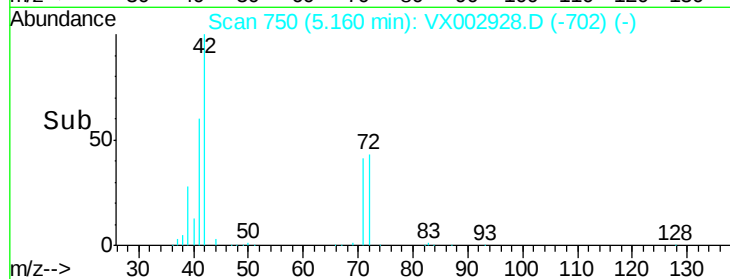
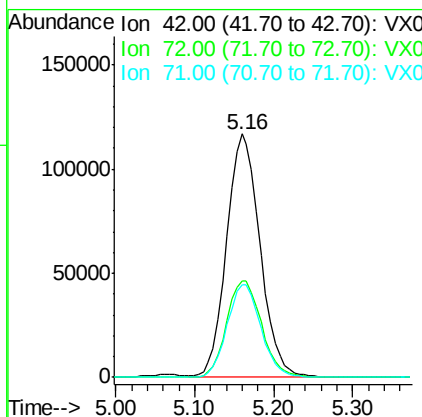
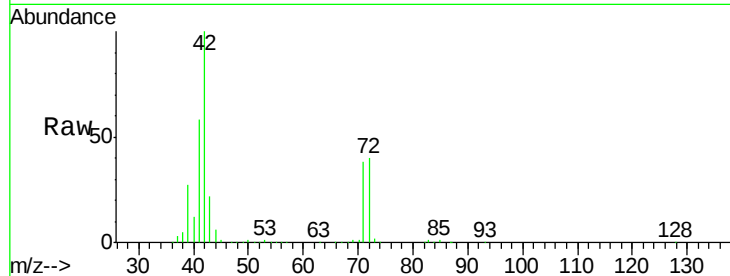
#29
Tetrahydrofuran
Concen: 227.88 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX002928.D
Acq: 27 Jun 2018 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.8	32.0	48.0
71	38.9	30.1	45.1

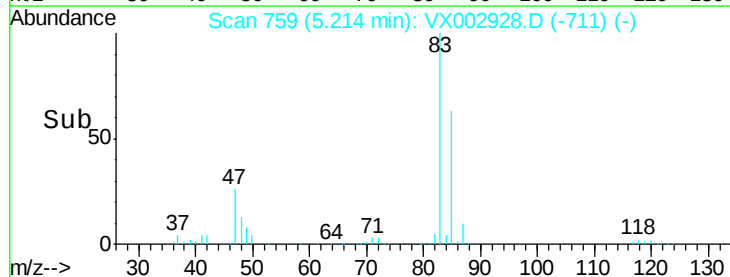
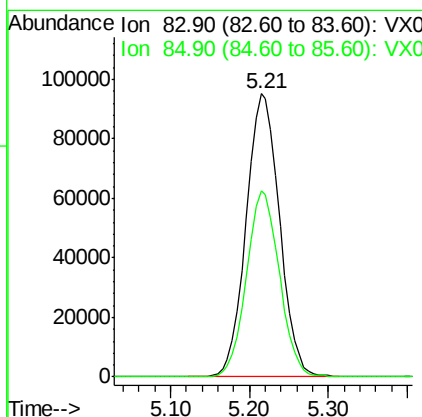
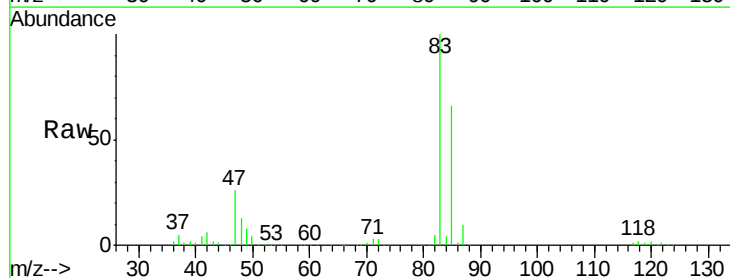
Manual Integrations
APPROVED

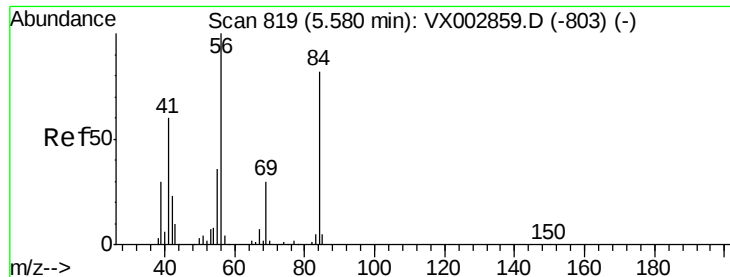
MMDadoda
6/28/2018 4:47:51 PM



#30
Chloroform
Concen: 48.94 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX002928.D
Acq: 27 Jun 2018 10:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.4	75.6





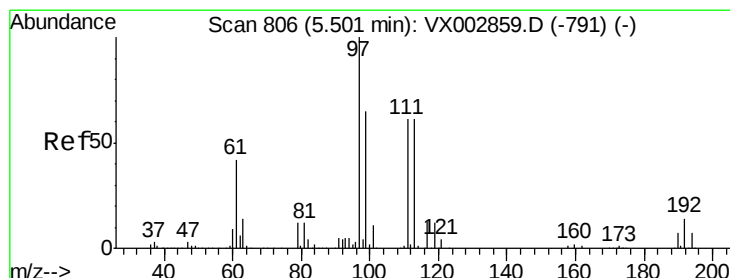
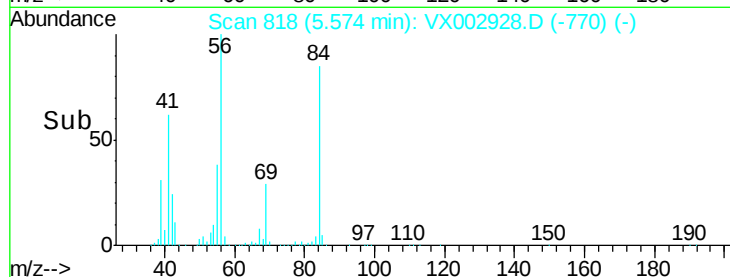
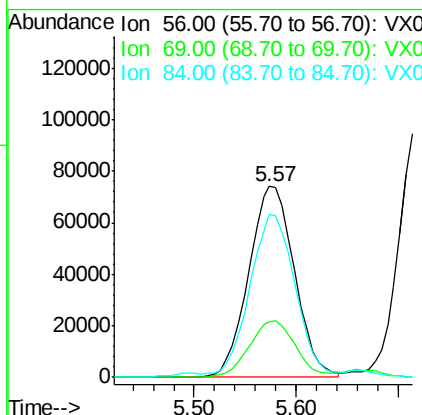
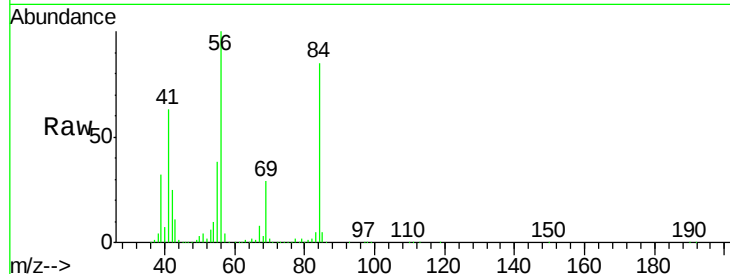
#31
Cyclohexane
Concen: 48.01 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX002928.D
Acq: 27 Jun 2018 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	29.3	23.7	35.5	
84	83.3	64.1	96.1	

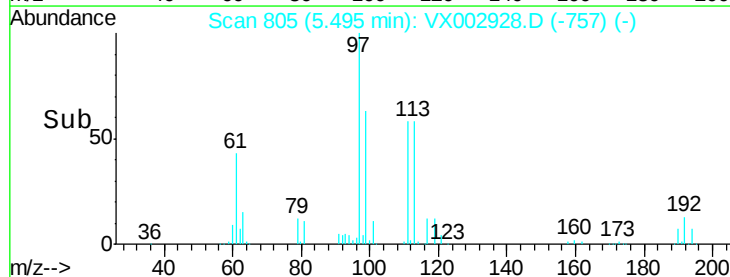
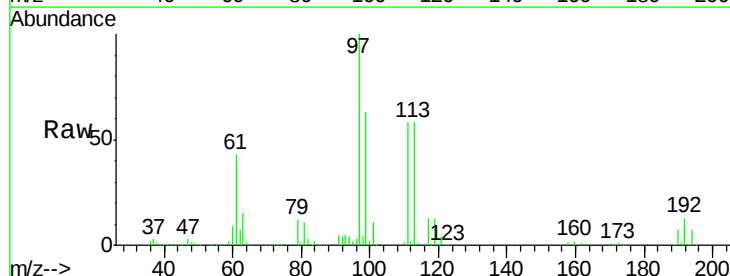
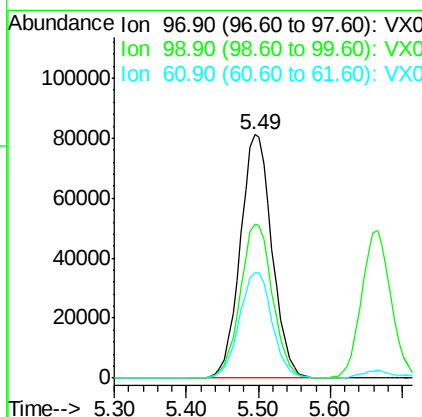
Manual Integrations
APPROVED

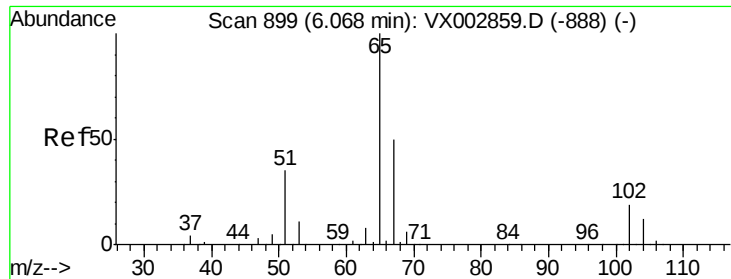
MMDadoda
6/28/2018 4:47:51 PM



#32
1,1,1-Trichloroethane
Concen: 49.20 ug/l
RT: 5.49 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX002928.D
Acq: 27 Jun 2018 10:11

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.4	51.6	77.4	
61	44.8	36.4	54.6	





#33

1,2-Dichloroethane-d4

Concen: 48.35 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX002928.D

Acq: 27 Jun 2018 10:11

Tot Ion: 65 Resp: 184538

Ion Ratio Lower Upper

65 100

67 52.0 0.0 102.6

Instrument :

MSVOA_X

ClientSampleId :

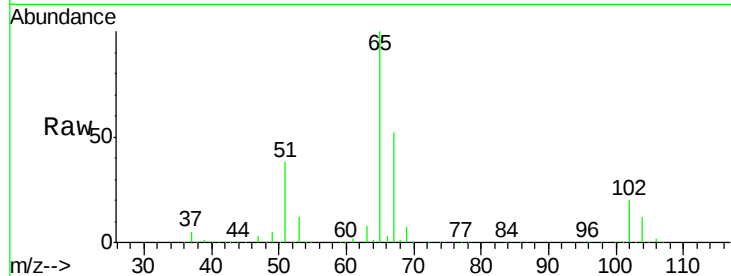
VSTDCCC050

Manual Integrations

APPROVED

MMDadoda

6/28/2018 4:47:51 PM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

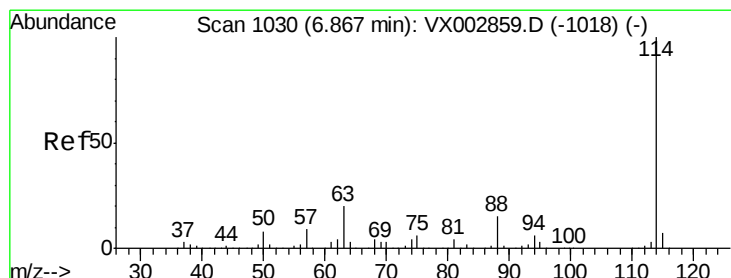
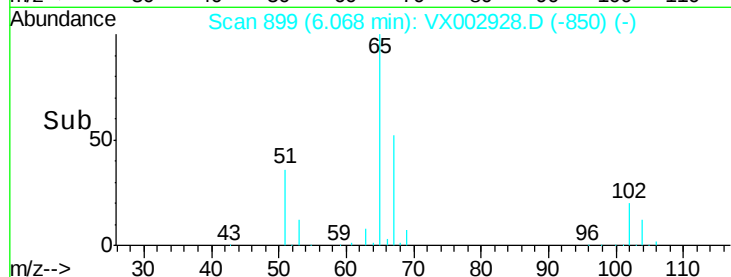
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX002928.D

Acq: 27 Jun 2018 10:11

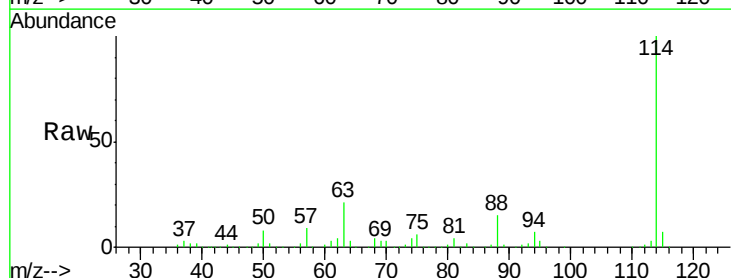
Tgt Ion: 114 Resp: 367856

Ion Ratio Lower Upper

114 100

63 21.1 0.0 41.4

88 15.5 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

200000

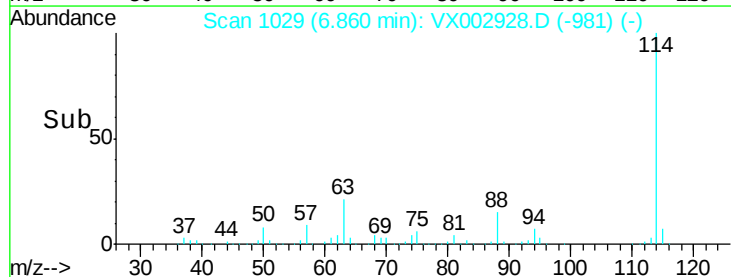
150000

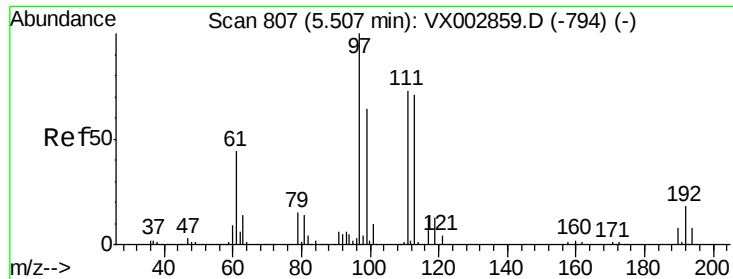
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50000

0

Time-->





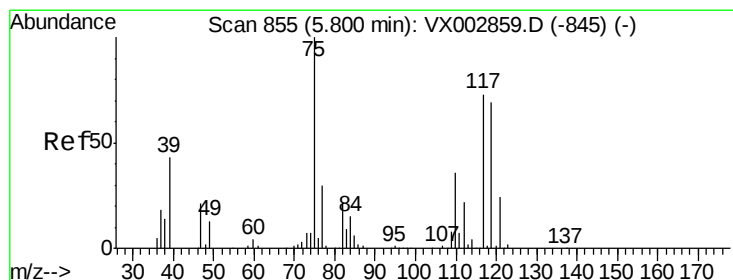
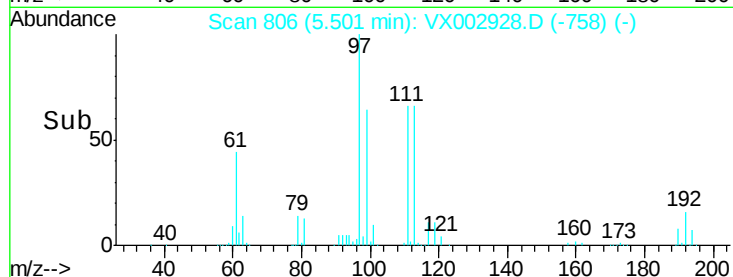
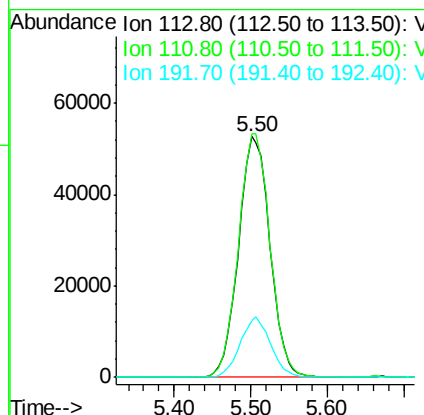
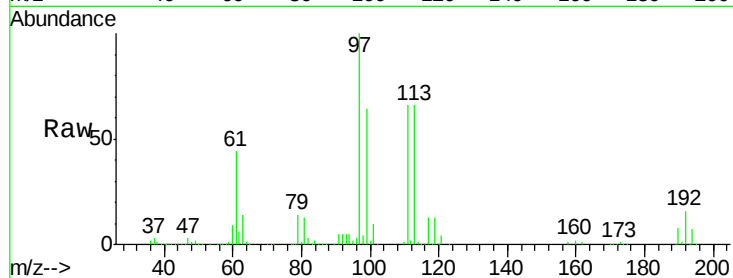
#35
 Dibromofluoromethane
 Concen: 51.64 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX002928.D
 Acq: 27 Jun 2018 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	150419		
111	101.5	81.4	122.0	
192	24.2	19.1	28.7	

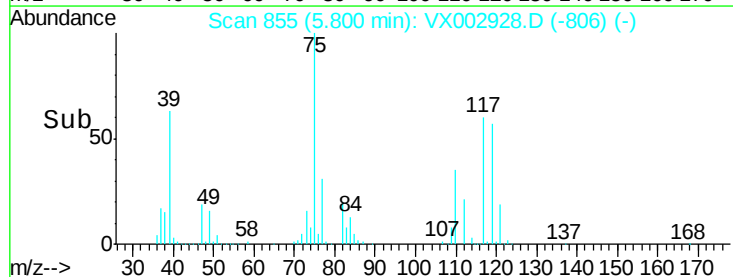
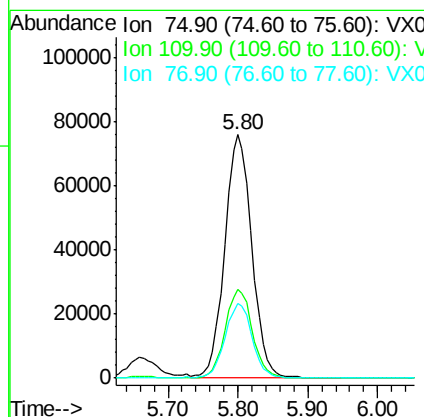
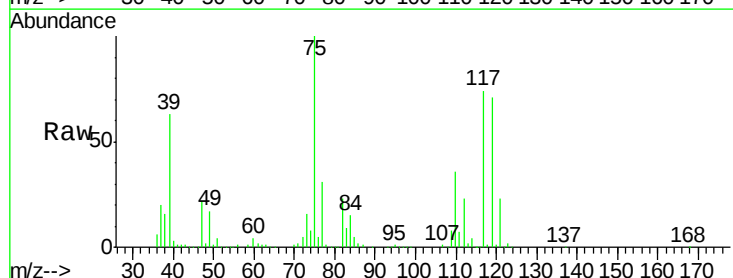
Manual Integrations
 APPROVED

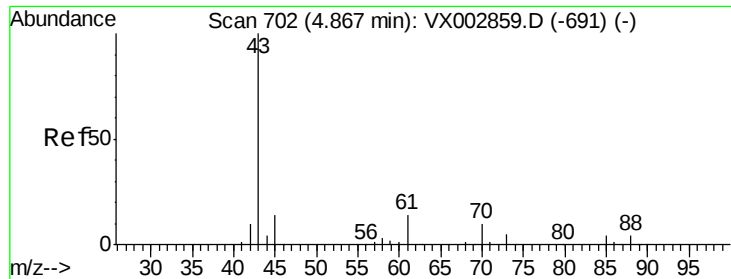
MMDadoda
 6/28/2018 4:47:51 PM



#36
 1,1-Dichloropropene
 Concen: 50.25 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX002928.D
 Acq: 27 Jun 2018 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	202697		
110	36.8	18.1	54.4	
77	30.7	24.3	36.5	





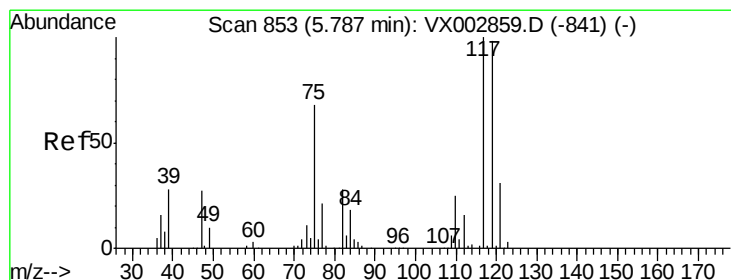
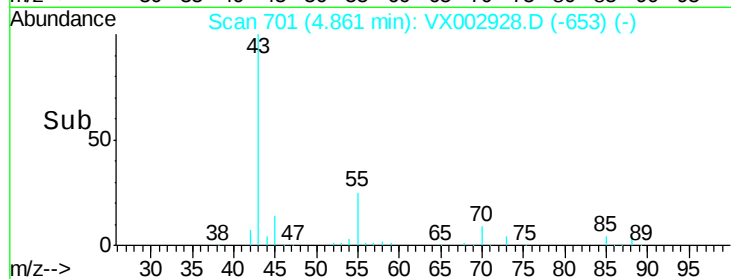
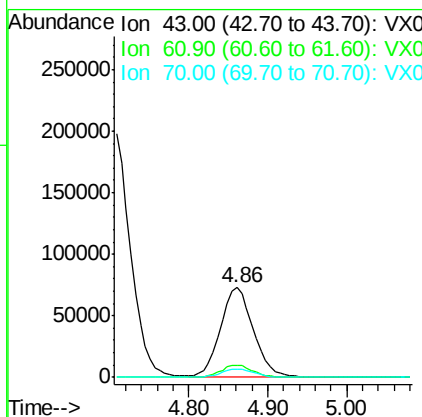
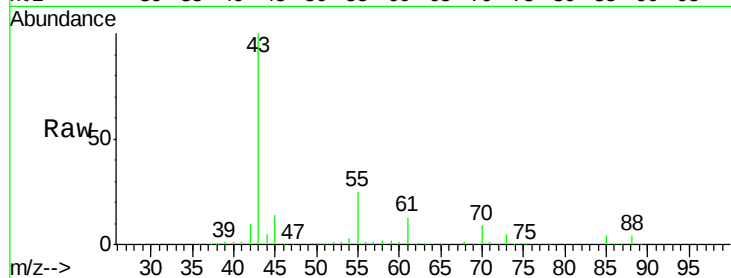
#37
Ethyl Acetate
Concen: 48.39 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002928.D
Acq: 27 Jun 2018 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.4	15.6
70	9.8	7.6	11.4

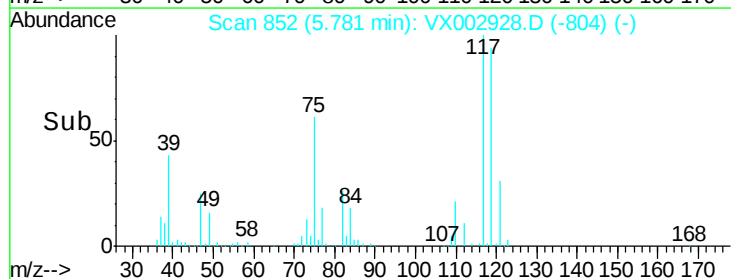
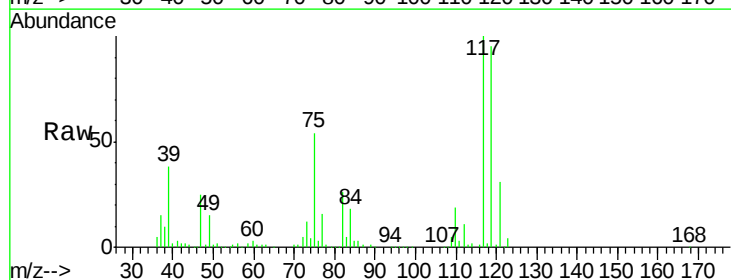
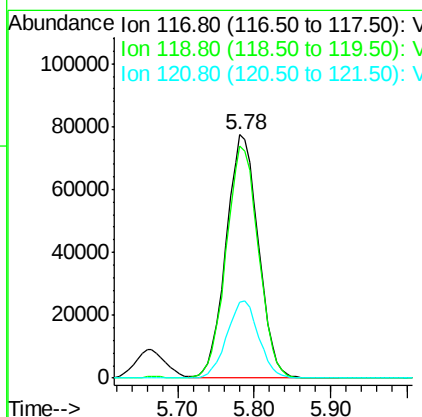
Manual Integrations
APPROVED

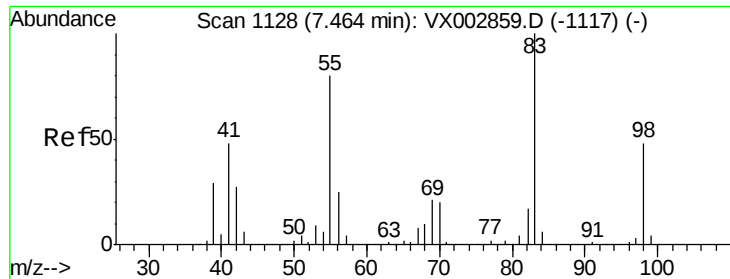
MMDadoda
6/28/2018 4:47:51 PM



#38
Carbon Tetrachloride
Concen: 50.91 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002928.D
Acq: 27 Jun 2018 10:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.4	116.0
121	31.1	24.4	36.6





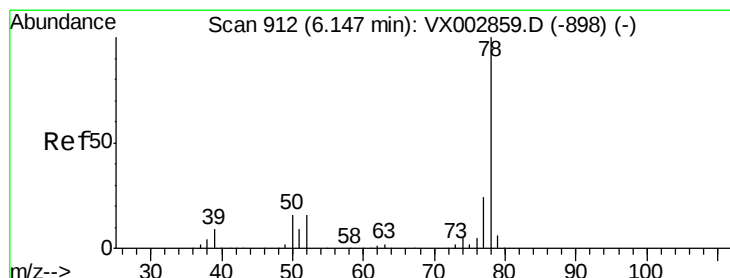
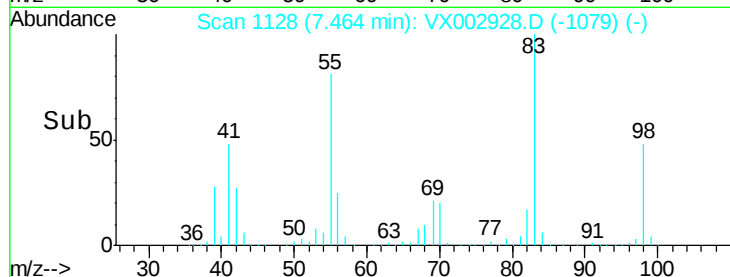
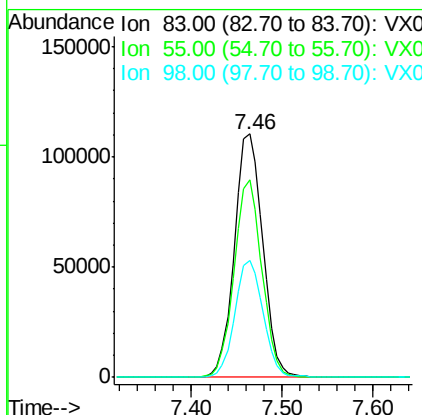
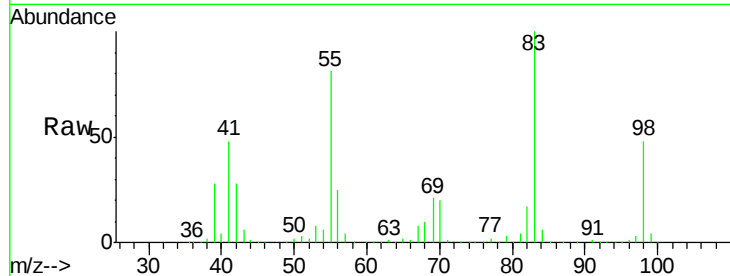
#39
Methvlcvclohexane
Concen: 51.45 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002928.D
Acq: 27 Jun 2018 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.9	65.4	98.0
98	47.9	37.4	56.0

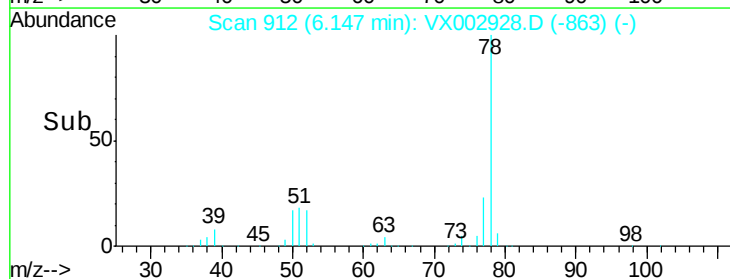
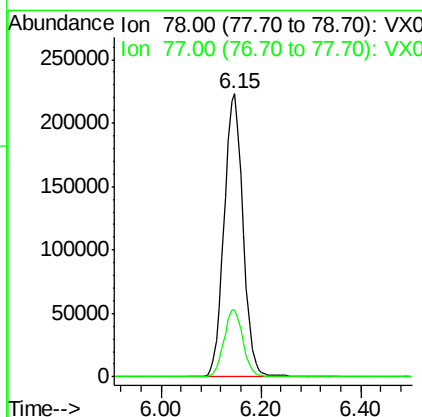
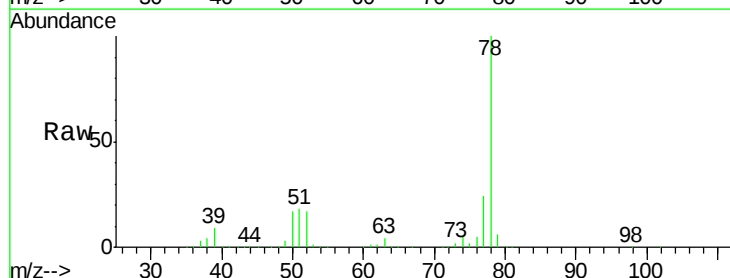
Manual Integrations
APPROVED

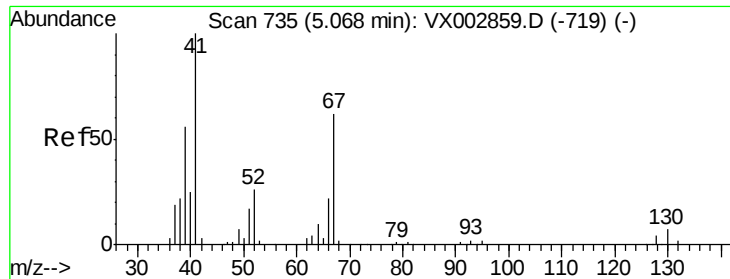
MMDadoda
6/28/2018 4:47:51 PM



#40
Benzene
Concen: 50.21 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002928.D
Acq: 27 Jun 2018 10:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.1	28.7





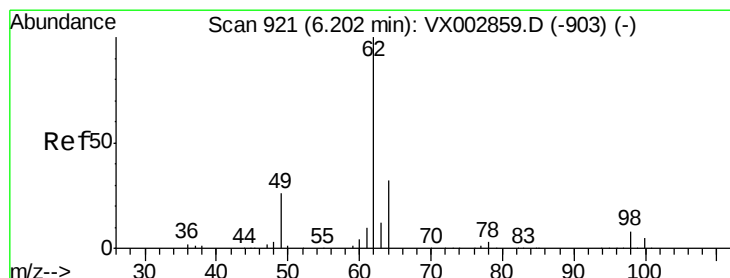
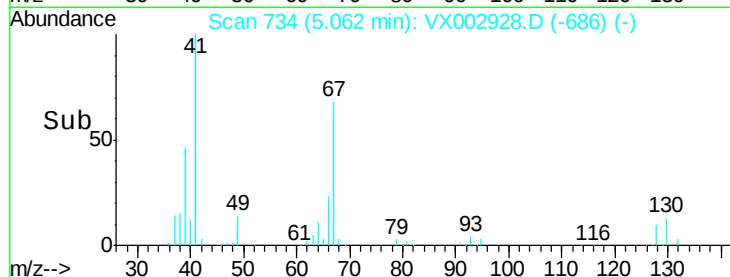
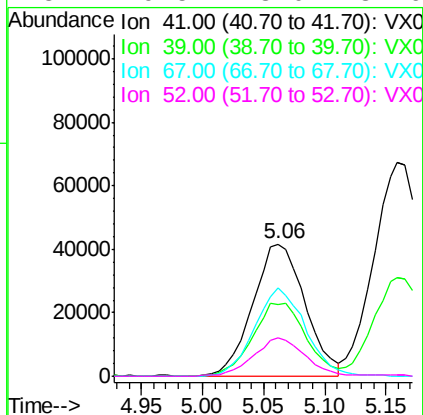
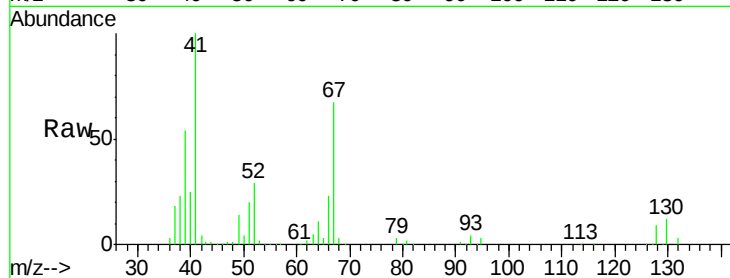
#41
Methacrylonitrile
Concen: 49.16 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002928.D
Acq: 27 Jun 2018 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.4	45.8	68.6	
67	65.8	51.3	76.9	
52	29.5	23.0	34.6	

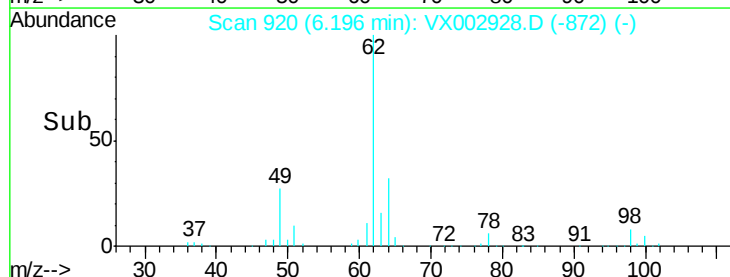
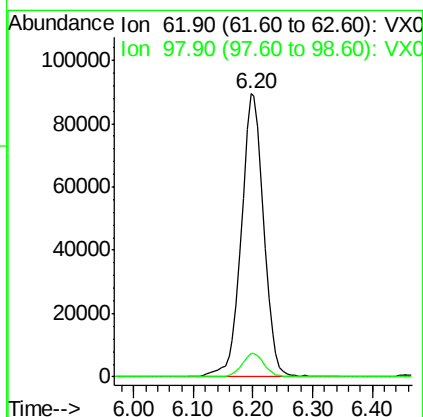
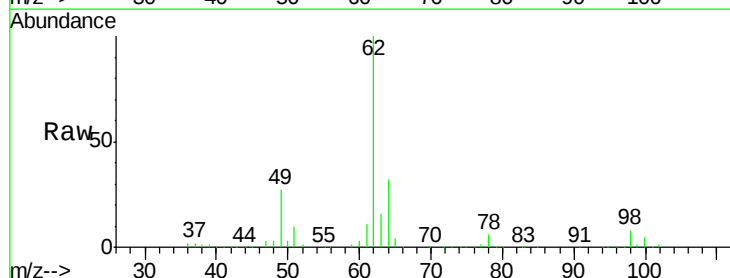
Manual Integrations
APPROVED

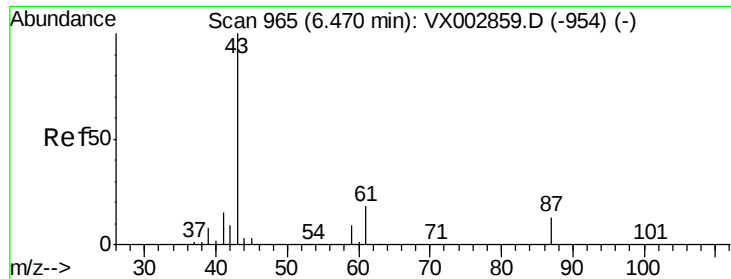
MMDadoda
6/28/2018 4:47:51 PM



#42
1,2-Dichloroethane
Concen: 49.14 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX002928.D
Acq: 27 Jun 2018 10:11

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.3	0.0	16.6	





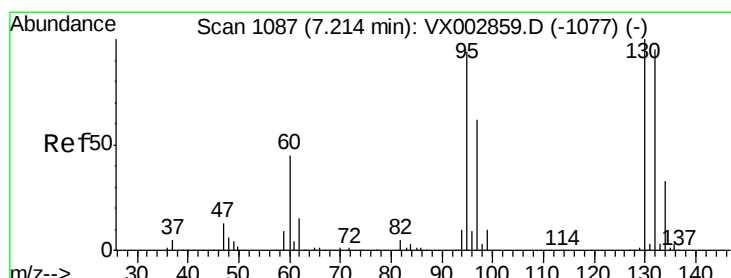
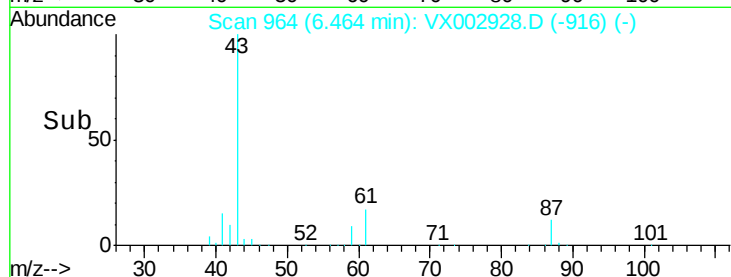
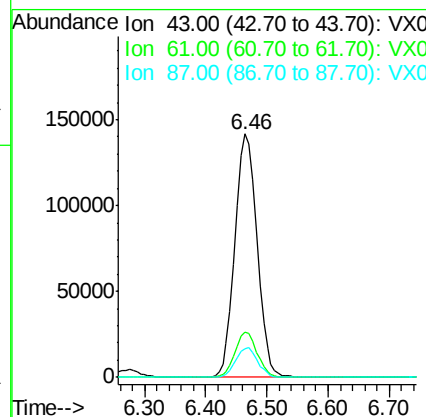
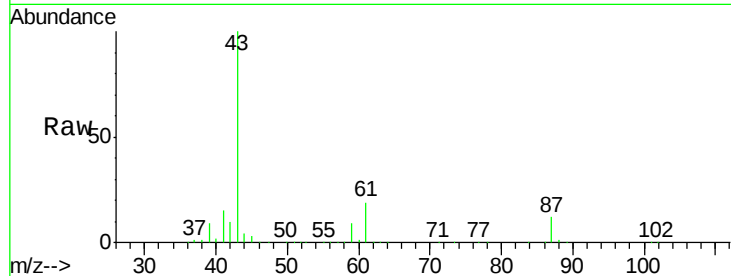
#43
Isopropyl Acetate
Concen: 48.36 ug/l
RT: 6.46 min Scan# 964
Delta R.T. -0.01 min
Lab File: VX002928.D
Acq: 27 Jun 2018 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.5	14.4	21.6
87	12.2	9.5	14.3

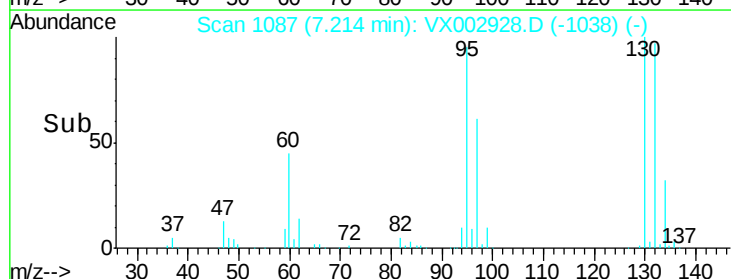
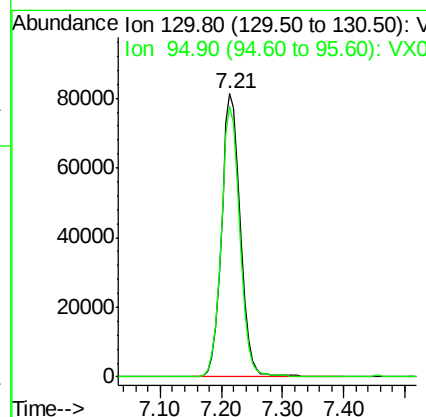
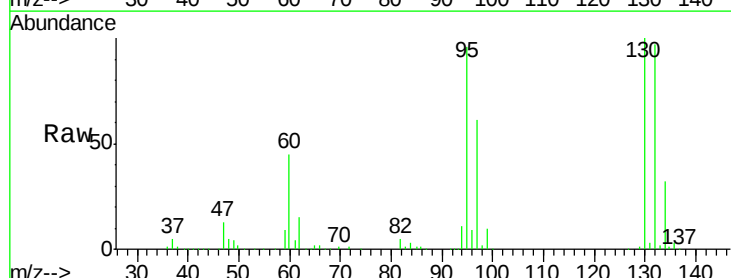
Manual Integrations
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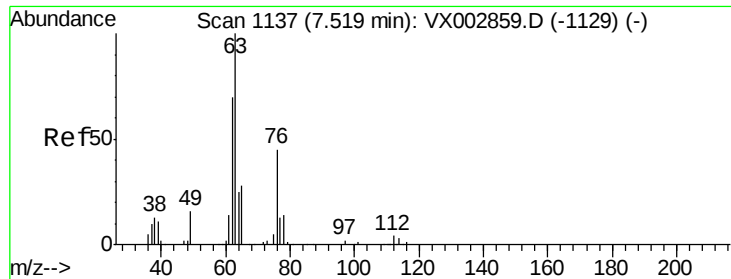
MMDadoda
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#44
Trichloroethene
Concen: 50.18 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX002928.D
Acq: 27 Jun 2018 10:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.6	0.0	185.4





#45

1,2-Dichloropropane

Concen: 50.82 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002928.D

Acq: 27 Jun 2018 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 158015

Ion Ratio Lower Upper

63 100

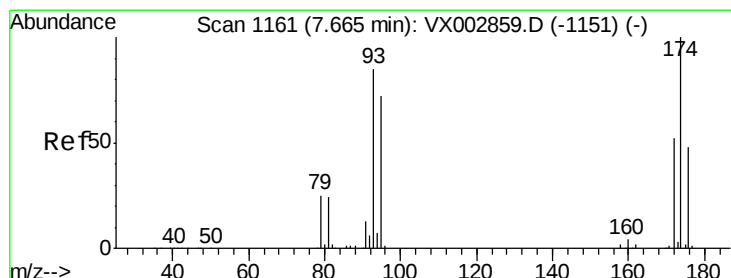
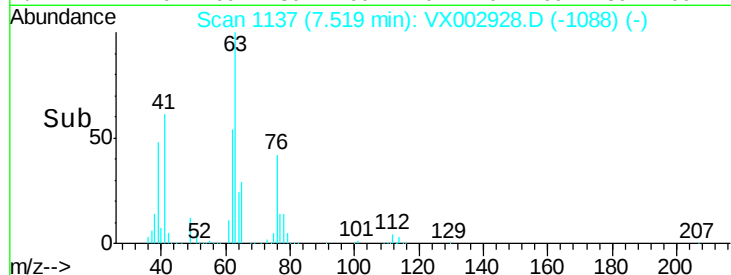
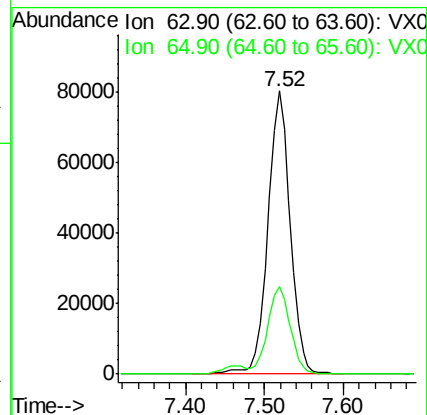
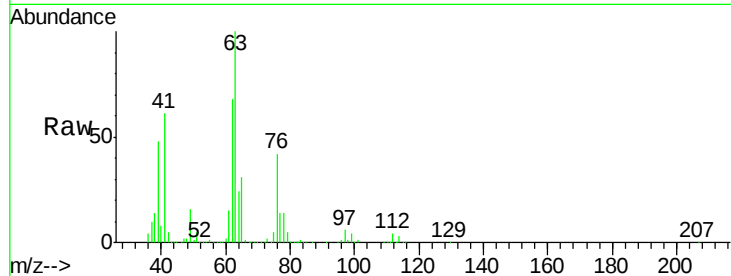
65 30.9 24.7 37.1

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#46

Dibromomethane

Concen: 49.75 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002928.D

Acq: 27 Jun 2018 10:11

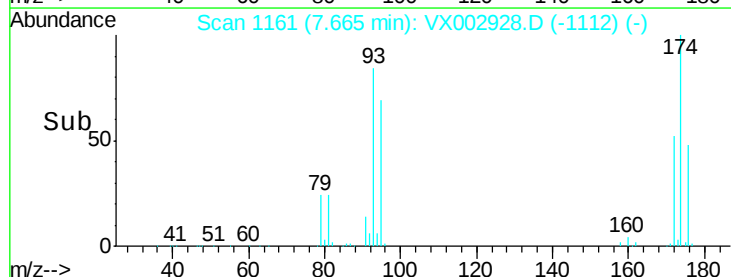
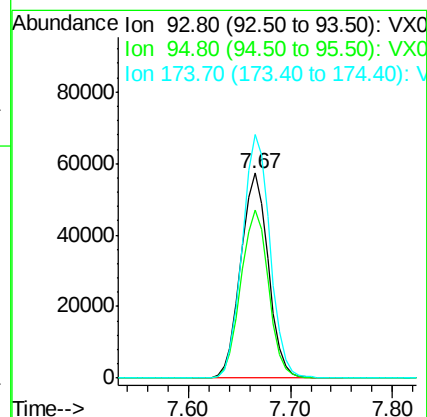
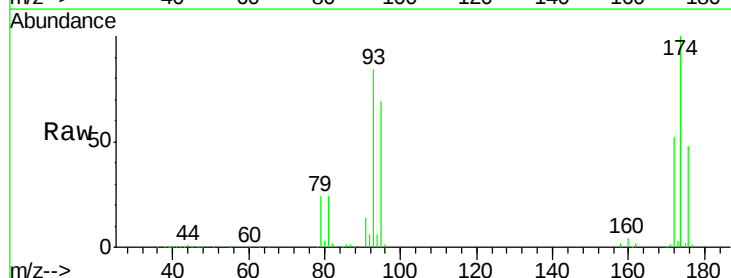
Tgt Ion: 93 Resp: 107337

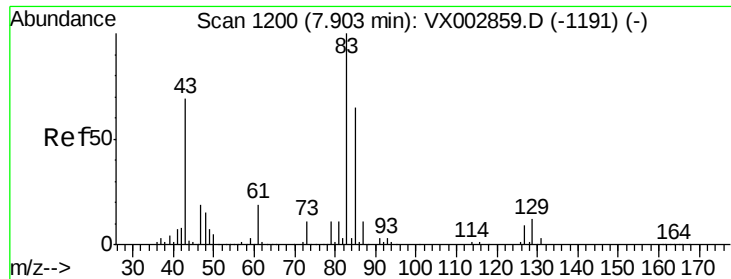
Ion Ratio Lower Upper

93 100

95 82.7 65.9 98.9

174 119.5 92.4 138.6





#47

Bromodichloromethane

Concen: 52.39 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002928.D

Acq: 27 Jun 2018 10:11

Instrument :

MSVOA_X

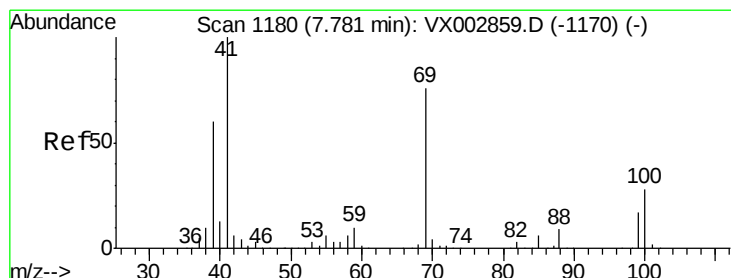
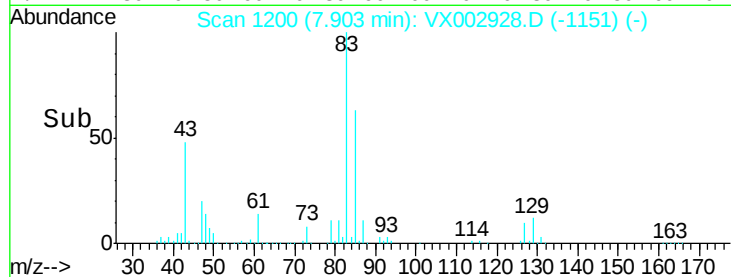
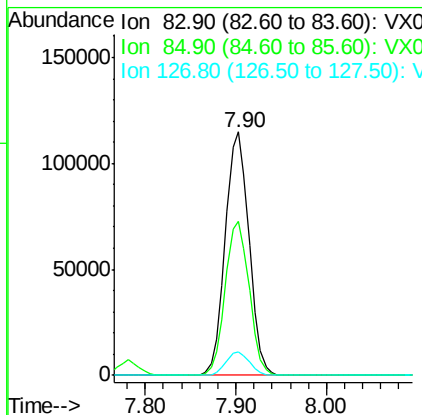
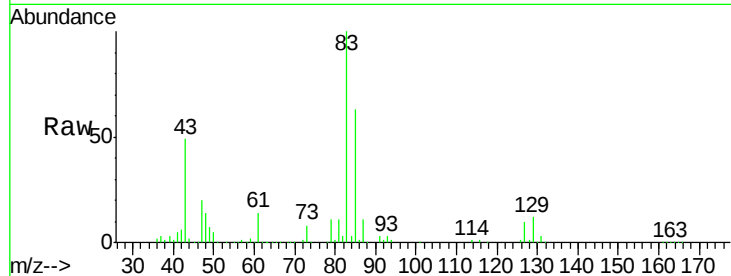
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	208995
Ion Ratio	Lower	Upper	
83	100		
85	63.5	50.3	75.5
127	9.5	7.0	10.4

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#48

Methyl methacrylate

Concen: 50.46 ug/l

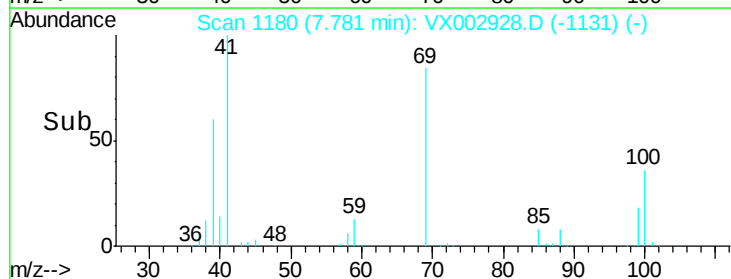
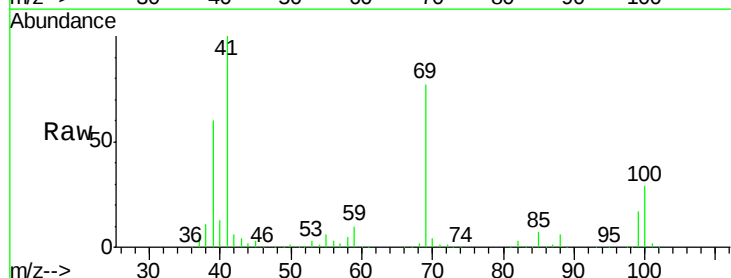
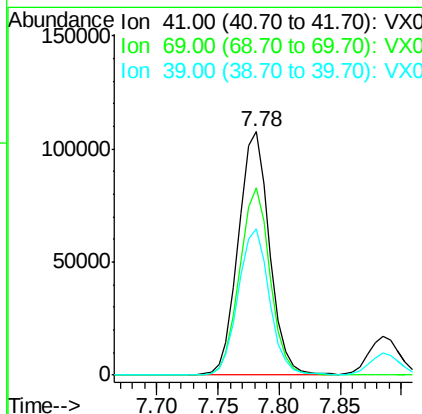
RT: 7.78 min Scan# 1180

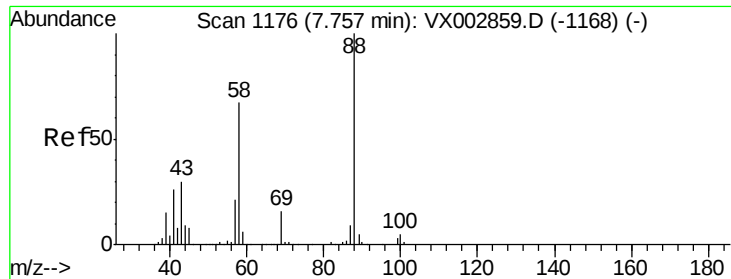
Delta R.T. -0.00 min

Lab File: VX002928.D

Acq: 27 Jun 2018 10:11

Tgt Ion:	41	Resp:	189403
Ion Ratio	Lower	Upper	
41	100		
69	76.1	59.1	88.7
39	60.1	48.9	73.3





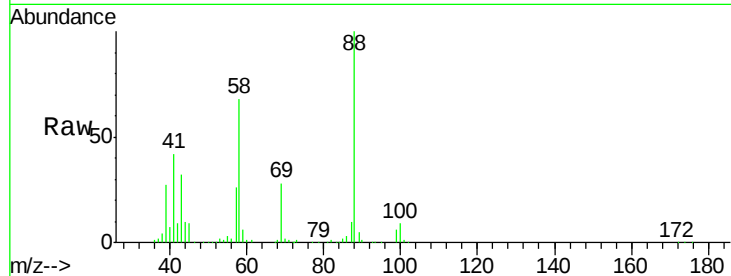
#49
1,4-Dioxane
Concen: 910.55 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002928.D
Acq: 27 Jun 2018 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

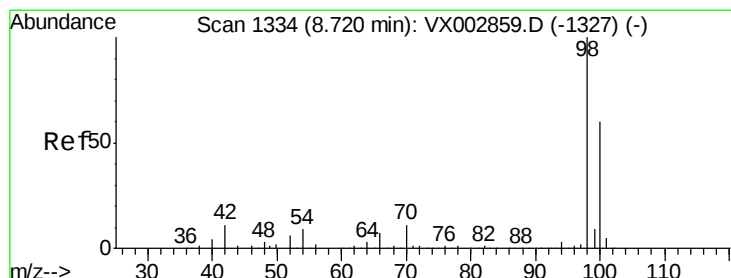
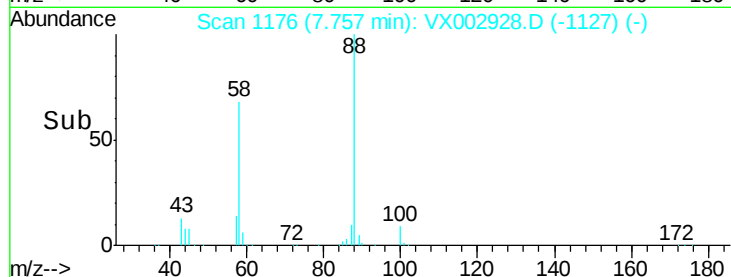
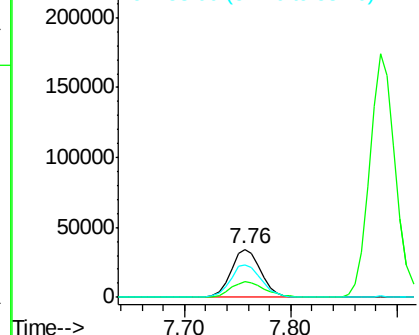
Tot Ion	Ratio	Lower	Upper
88	100		
43	36.3	29.8	44.6
58	70.4	57.1	85.7

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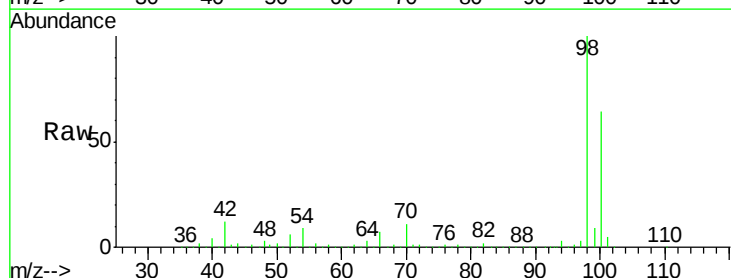


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

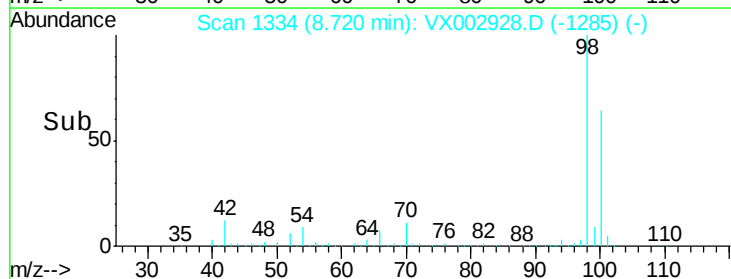
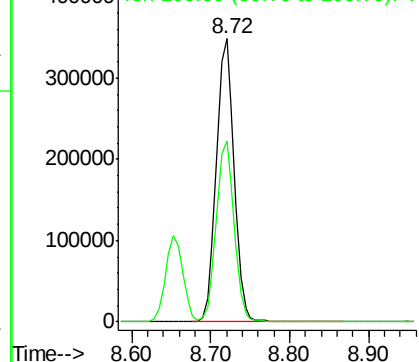


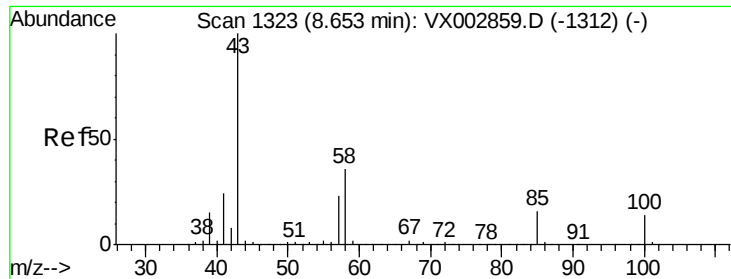
#50
Toluene-d8
Concen: 51.62 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002928.D
Acq: 27 Jun 2018 10:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.9	76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 250.42 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002928.D

Acq: 27 Jun 2018 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1141307

Ion Ratio Lower Upper

43 100

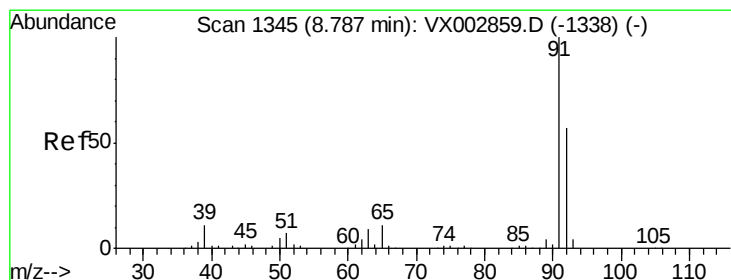
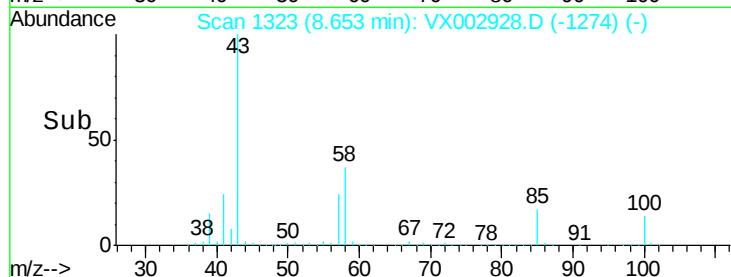
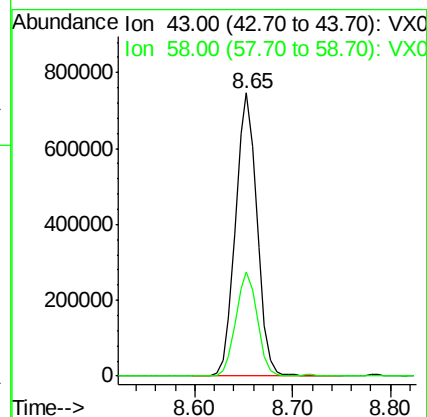
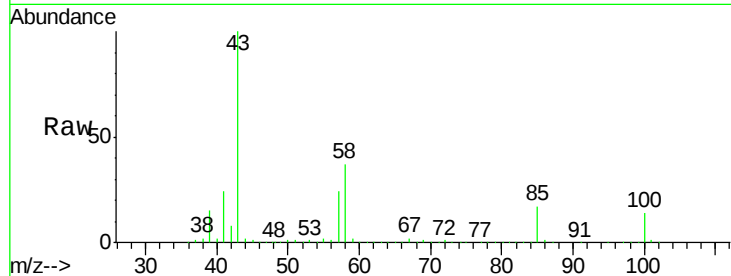
58 36.5 28.6 42.8

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#52

Toluene

Concen: 51.50 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002928.D

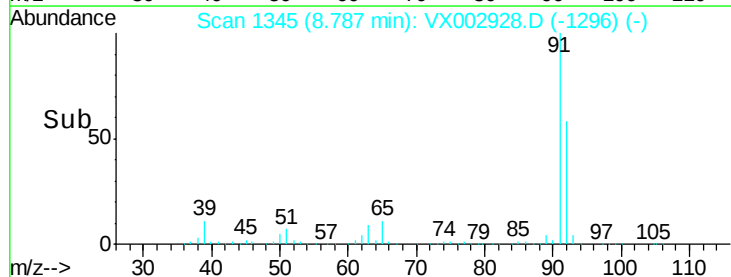
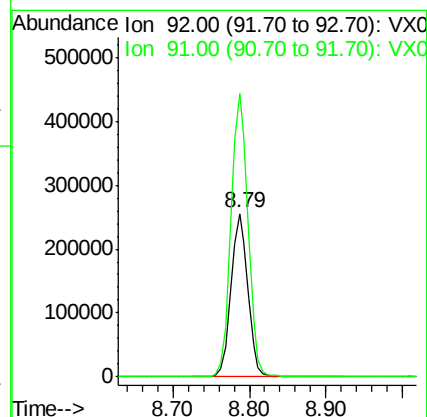
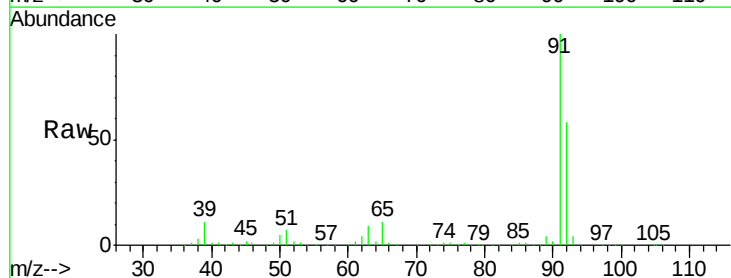
Acq: 27 Jun 2018 10:11

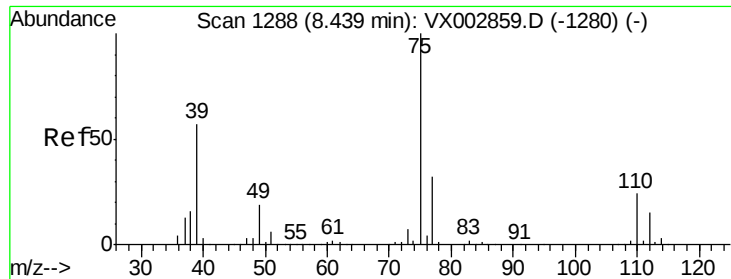
Tgt Ion: 92 Resp: 386734

Ion Ratio Lower Upper

92 100

91 175.8 140.4 210.6





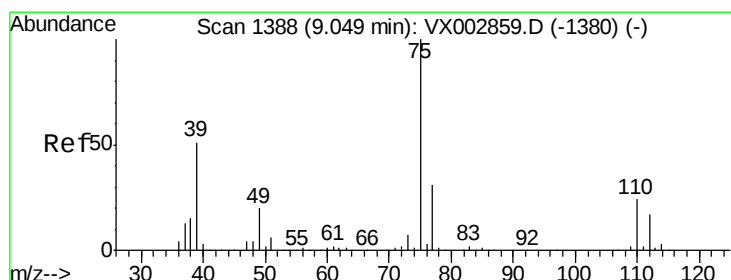
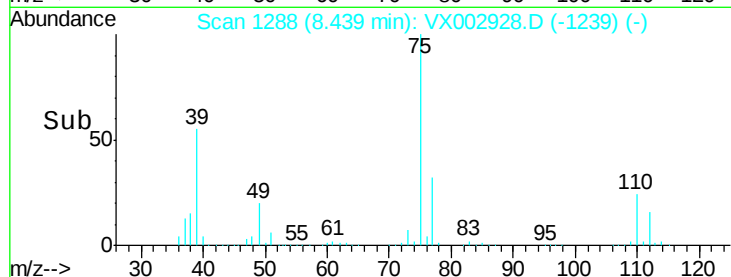
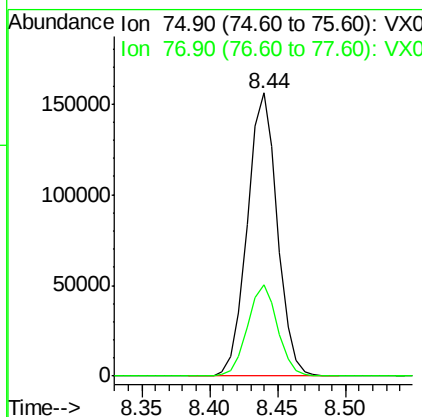
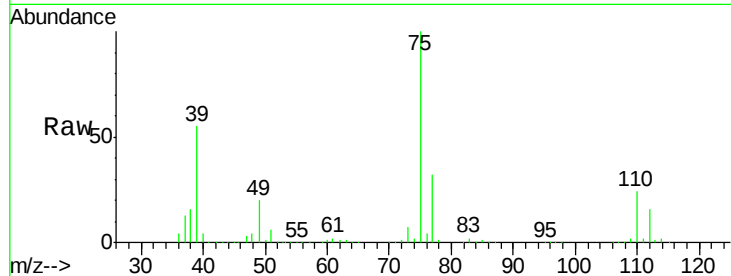
#53
t-1,3-Dichloropropene
Concen: 53.44 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002928.D
Acq: 27 Jun 2018 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 241406
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.2

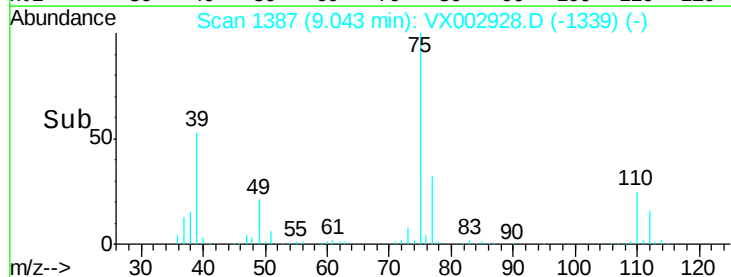
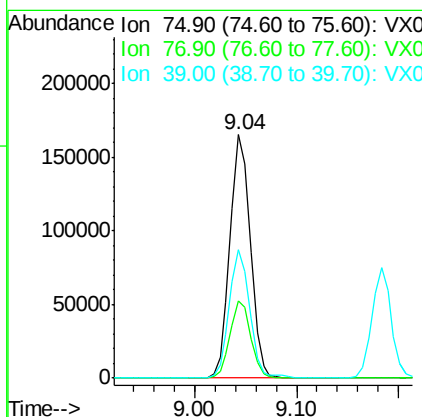
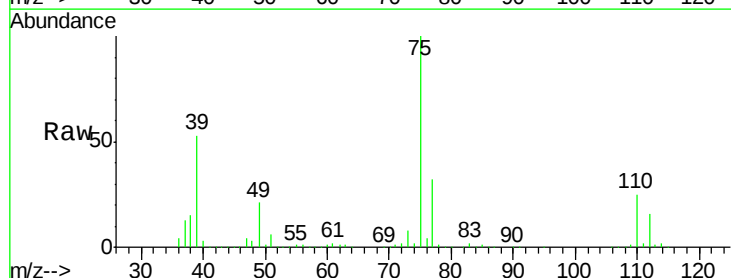
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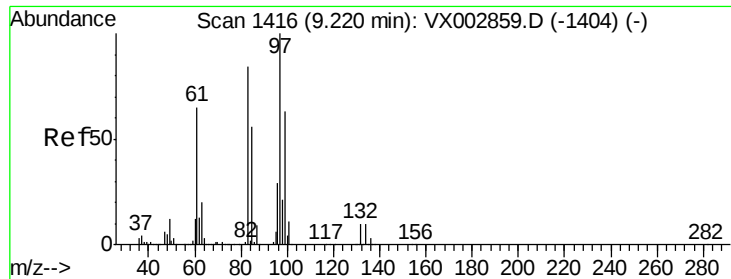
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 52.61 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX002928.D
Acq: 27 Jun 2018 10:11

Tgt Ion: 75 Resp: 228694
Ion Ratio Lower Upper
75 100
77 31.6 24.8 37.2
39 52.8 42.4 63.6





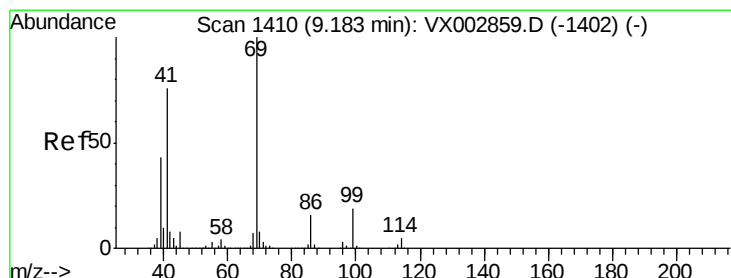
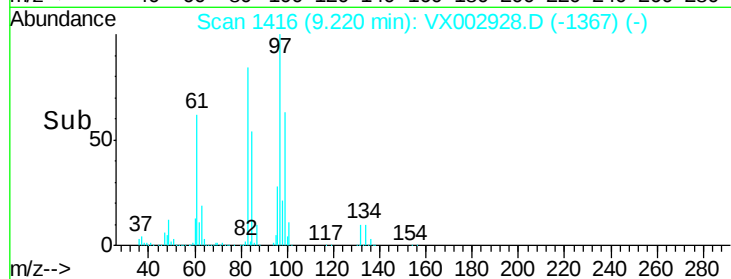
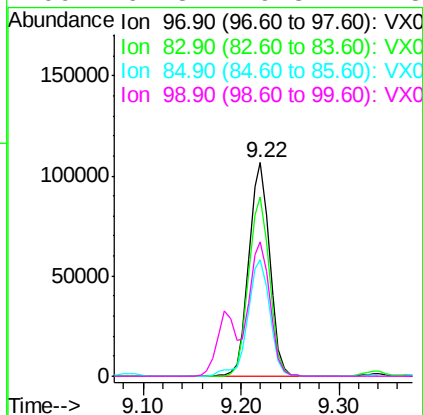
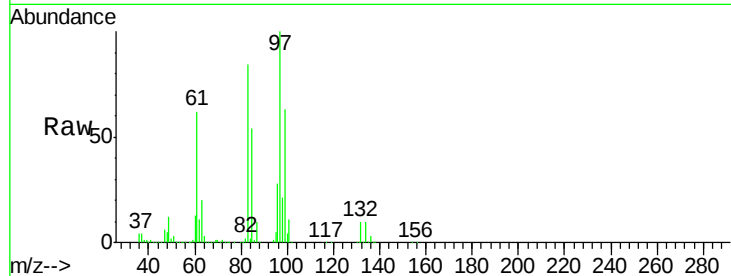
#55
 1,1,2-Trichloroethane
 Concen: 51.01 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002928.D
 Acq: 27 Jun 2018 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.2	70.2	105.2
85	54.4	44.9	67.3
99	62.8	49.8	74.8

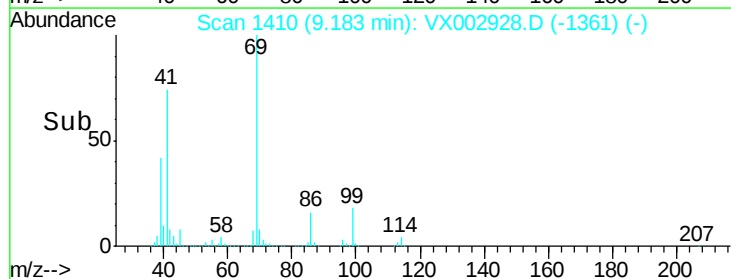
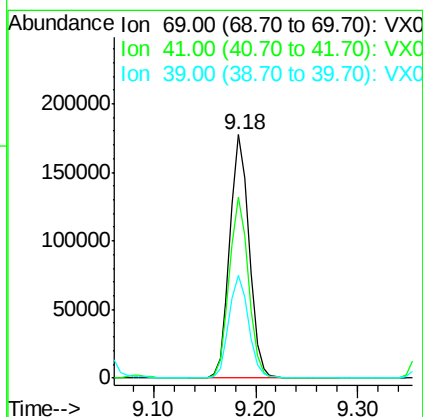
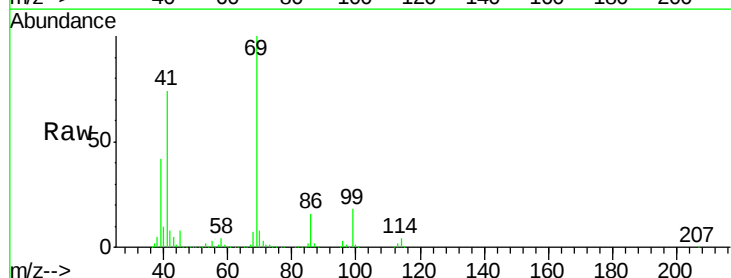
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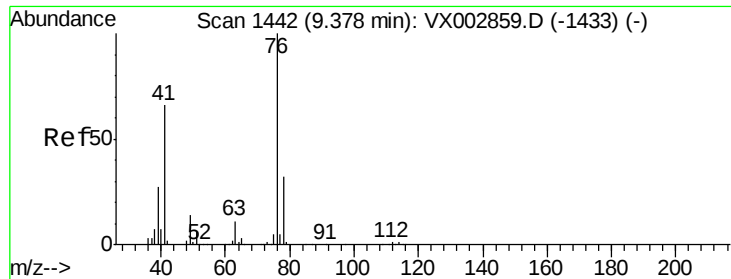
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#56
 Ethyl methacrylate
 Concen: 51.54 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002928.D
 Acq: 27 Jun 2018 10:11

Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.5	60.3	90.5
39	42.8	35.8	53.8





#57

1,3-Dichloropropane

Concen: 50.81 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX002928.D

Acq: 27 Jun 2018 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 257471

Ion Ratio Lower Upper

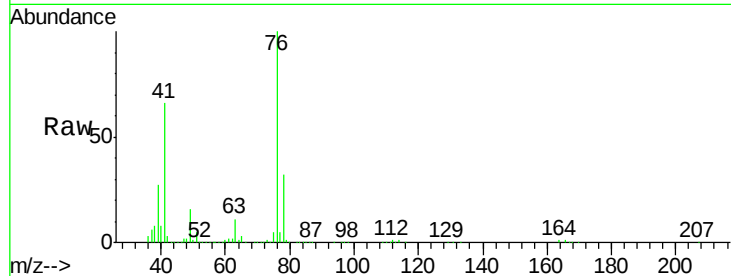
76 100

78 32.5 25.8 38.6

Manual Integrations
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

200000

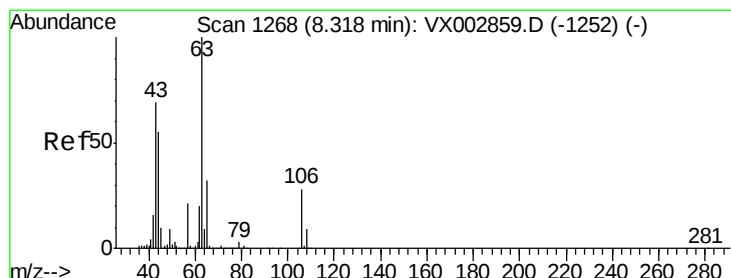
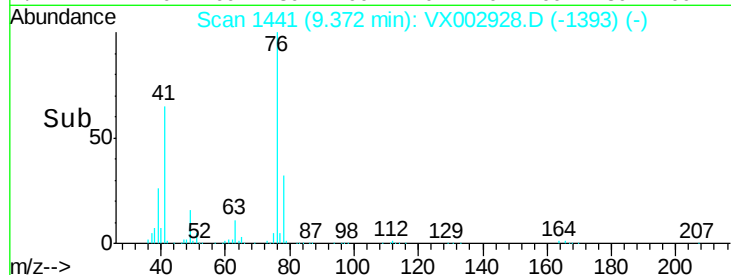
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 263.52 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002928.D

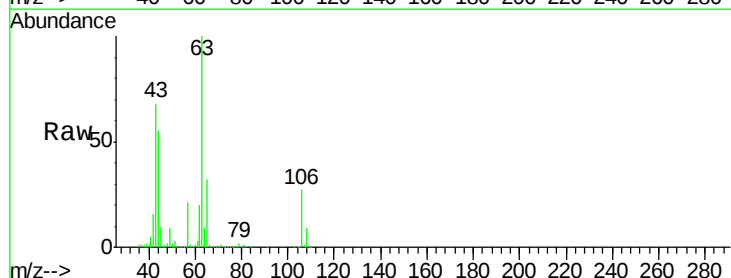
Acq: 27 Jun 2018 10:11

Tgt Ion: 63 Resp: 573282

Ion Ratio Lower Upper

63 100

106 28.0 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

400000

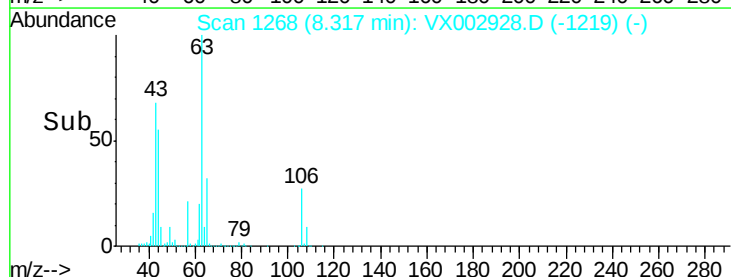
300000

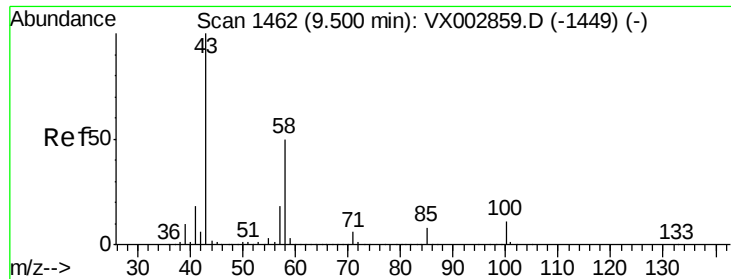
200000

100000

0

Time-->





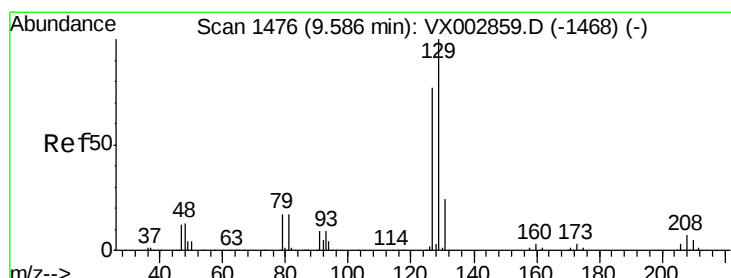
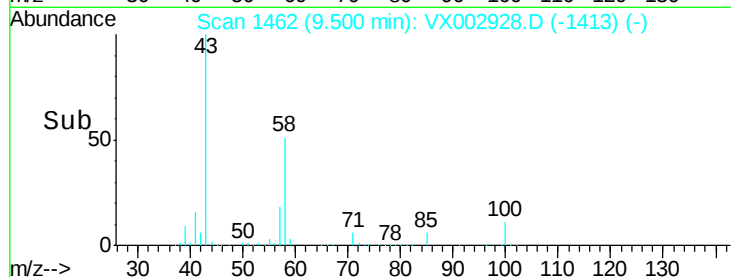
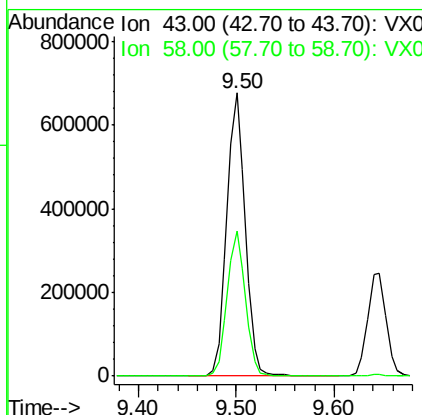
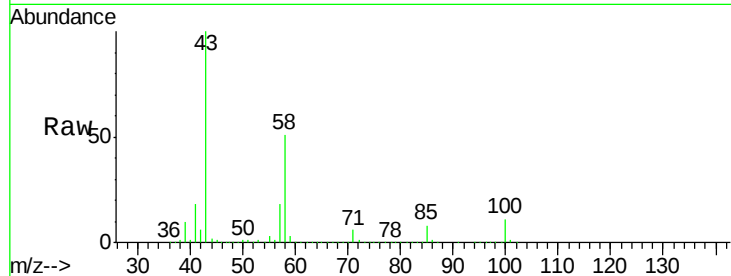
#59
2-Hexanone
Concen: 256.52 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002928.D
Acq: 27 Jun 2018 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 888519
Ion Ratio Lower Upper
43 100
58 50.7 24.6 73.6

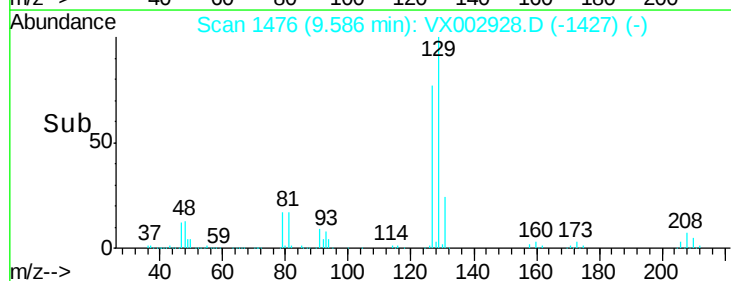
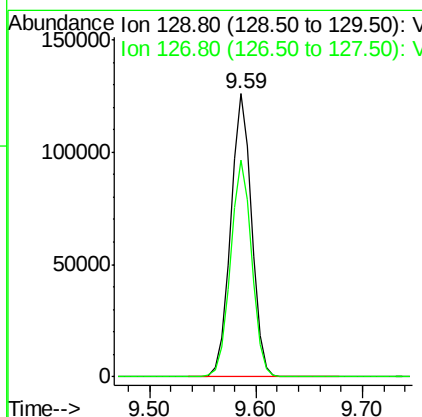
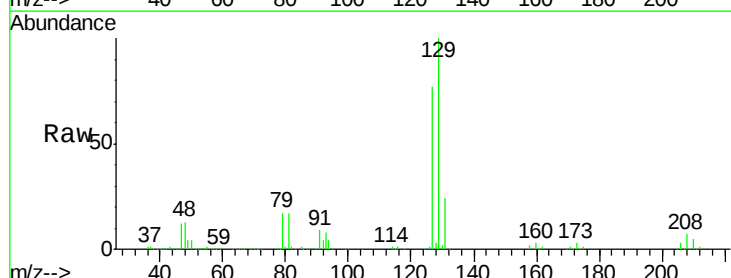
Manual Integrations
APPROVED

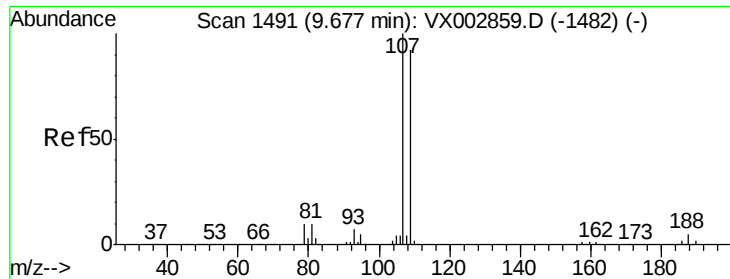
MMDadoda
6/28/2018 4:47:51 PM



#60
Dibromochloromethane
Concen: 53.61 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002928.D
Acq: 27 Jun 2018 10:11

Tgt Ion: 129 Resp: 174132
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.3





#61

1,2-Dibromoethane

Concen: 51.25 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002928.D

Acq: 27 Jun 2018 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 165862

Ion Ratio Lower Upper

107 100

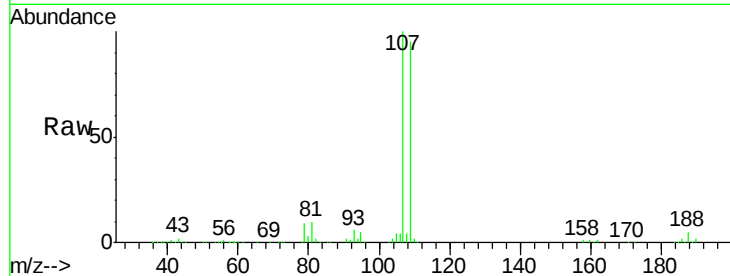
109 94.7 75.3 112.9

Manual Integrations

APPROVED

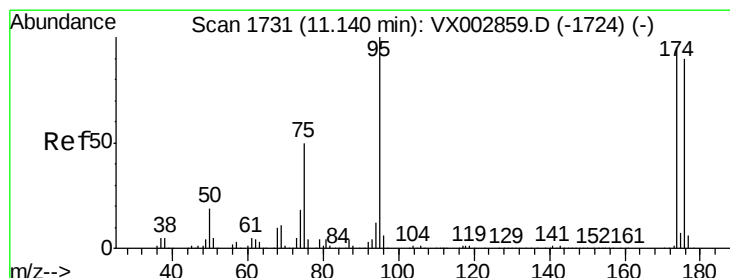
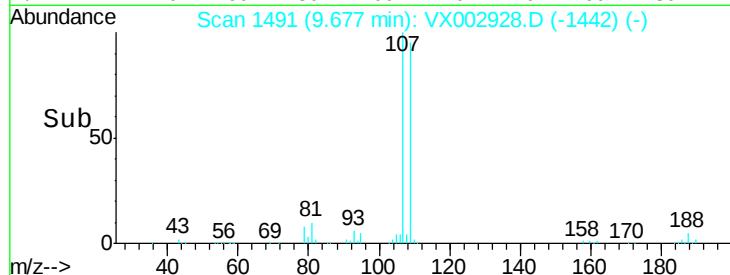
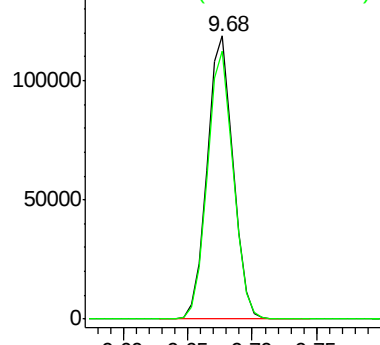
MMDadoda

6/28/2018 4:47:51 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.65 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002928.D

Acq: 27 Jun 2018 10:11

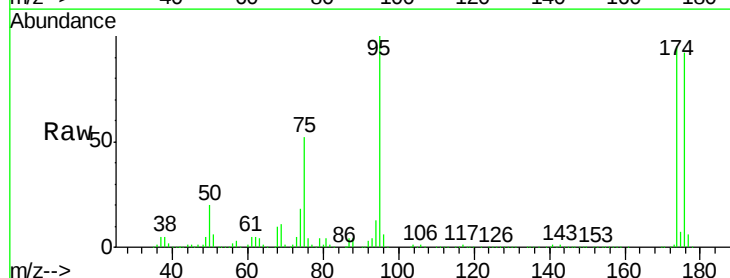
Tgt Ion: 95 Resp: 216002

Ion Ratio Lower Upper

95 100

174 95.9 0.0 187.4

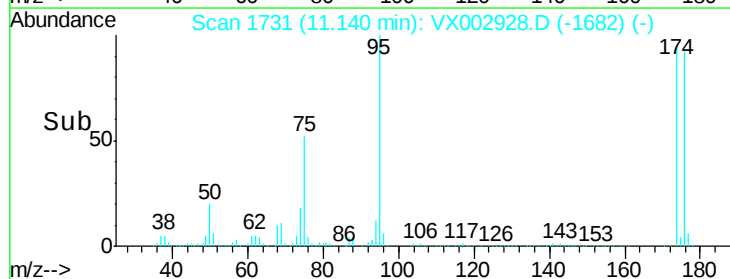
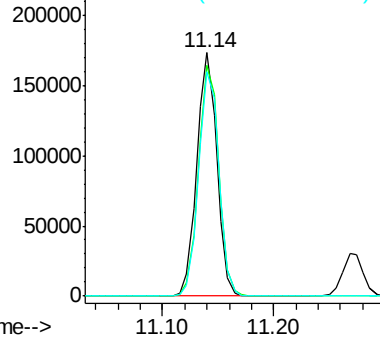
176 93.3 0.0 181.0

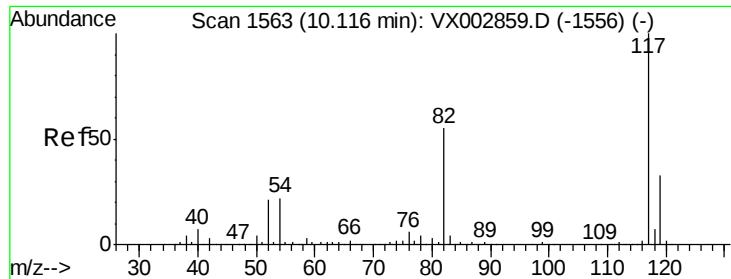


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





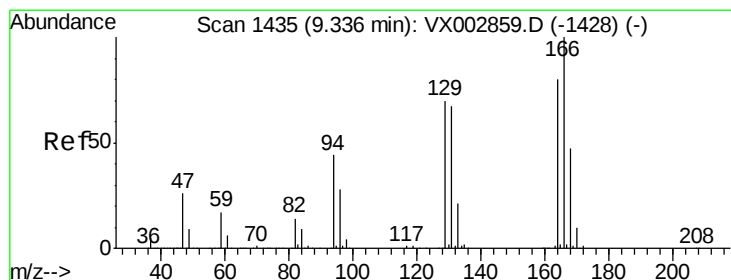
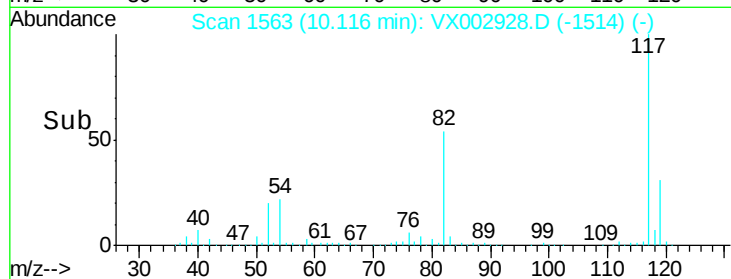
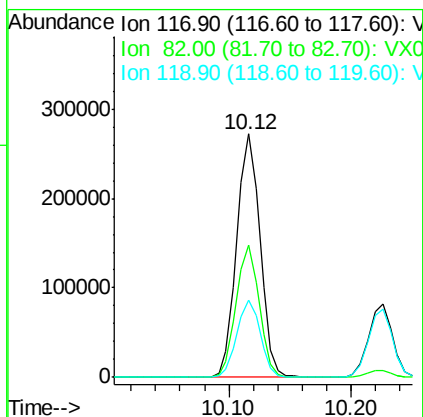
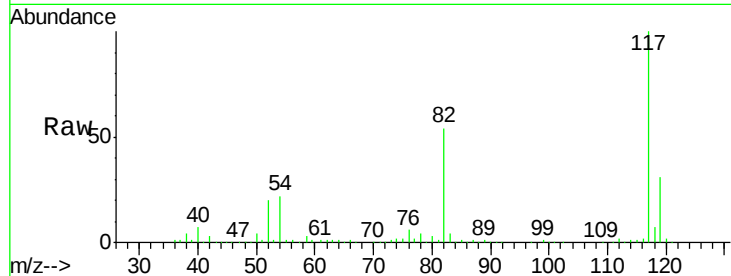
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002928.D
Acq: 27 Jun 2018 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100			
82	54.1	45.0	67.4	
119	31.5	25.8	38.6	

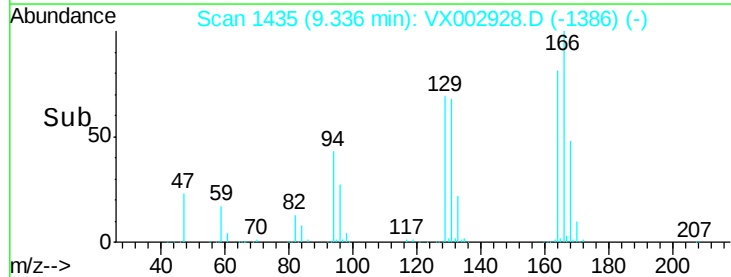
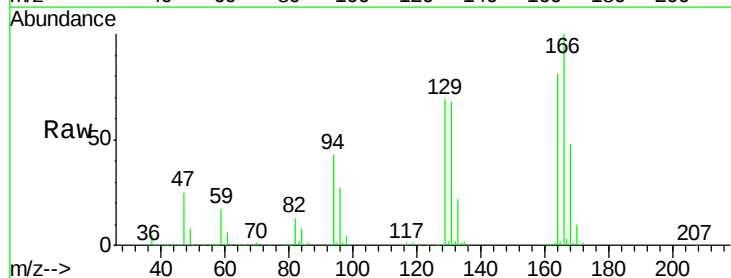
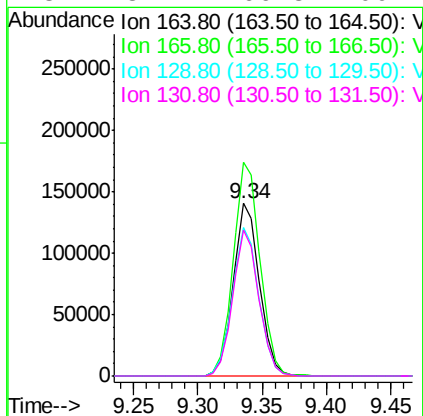
Manual Integrations
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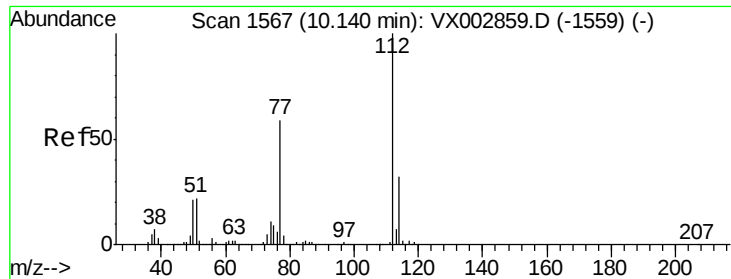
MMDadoda
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#64
Tetrachloroethene
Concen: 49.92 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX002928.D
Acq: 27 Jun 2018 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
166	123.9	102.9	154.3	
129	85.9	68.6	102.8	
131	84.7	66.8	100.2	





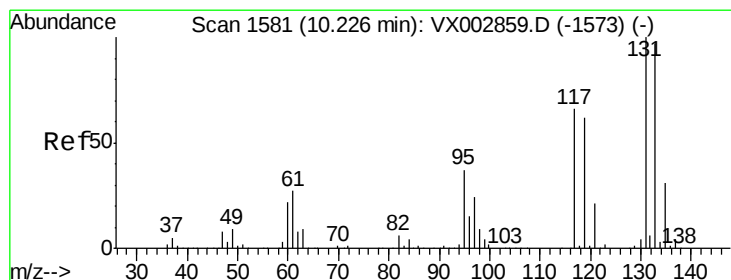
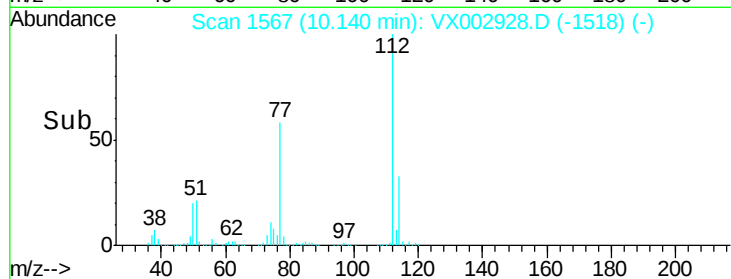
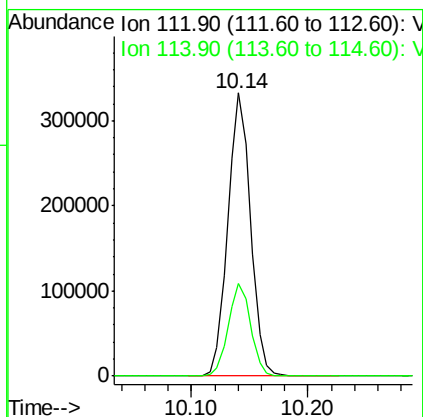
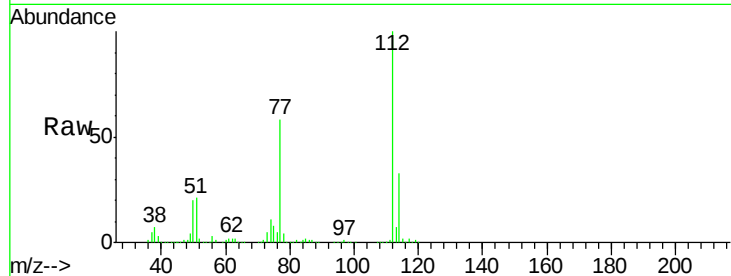
#65
Chlorobenzene
Concen: 49.55 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002928.D
Acq: 27 Jun 2018 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 451297
Ion Ratio Lower Upper
112 100
114 32.7 25.3 37.9

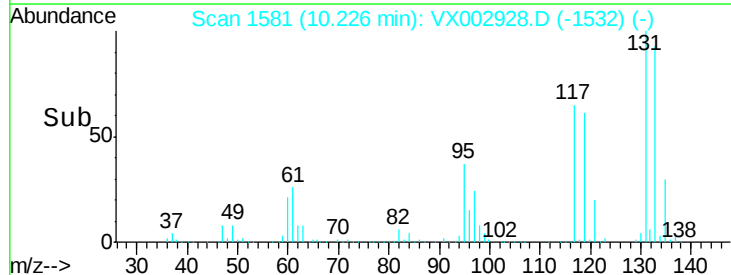
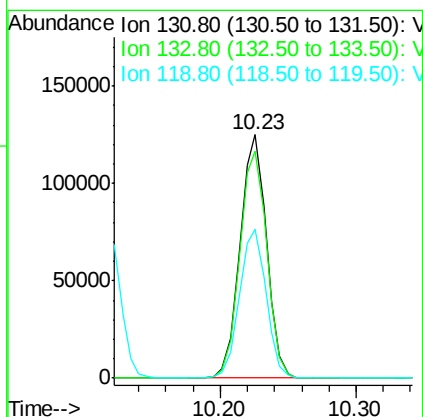
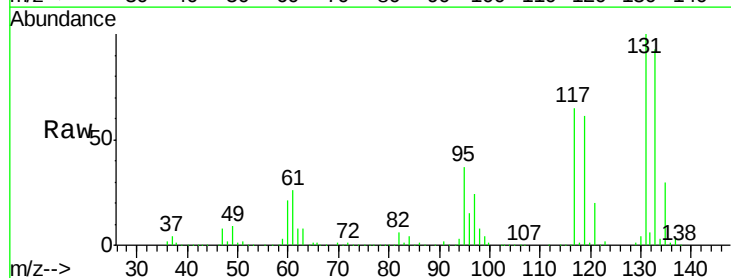
Manual Integrations
APPROVED

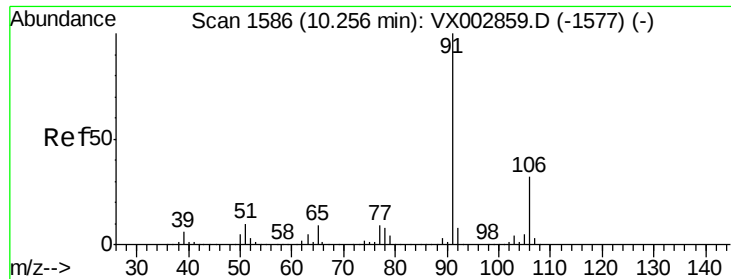
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.06 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002928.D
Acq: 27 Jun 2018 10:11

Tgt Ion:131 Resp: 168947
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.6
119 61.9 31.8 95.3





#67

Ethyl Benzene

Concen: 51.58 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002928.D

Acq: 27 Jun 2018 10:11

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 776048

Ion Ratio Lower Upper

91 100

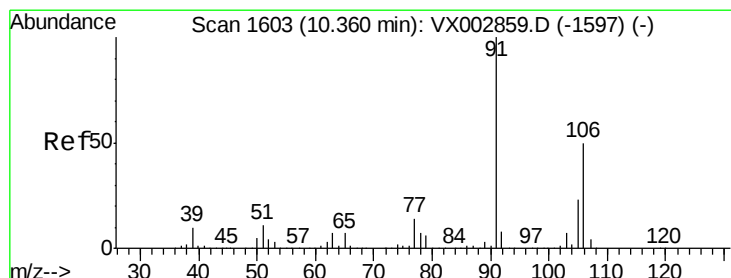
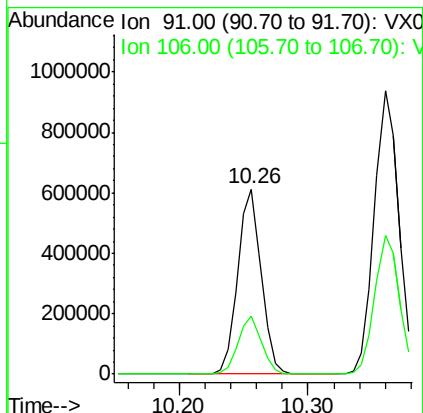
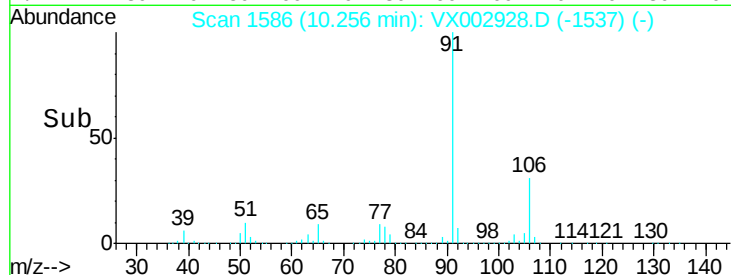
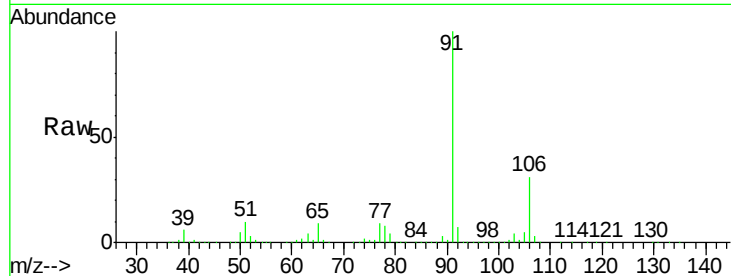
106 31.2 25.5 38.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 104.07 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX002928.D

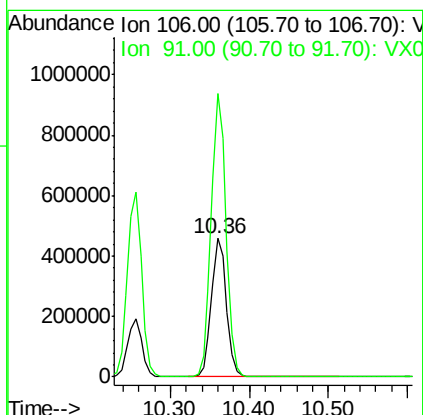
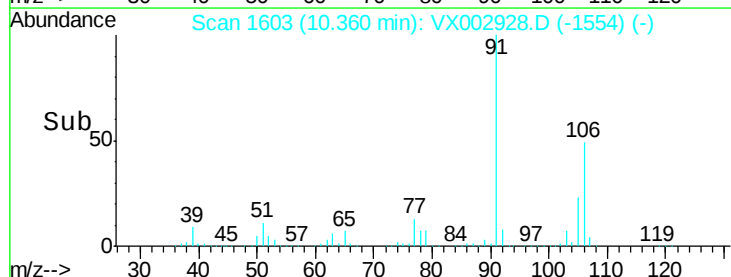
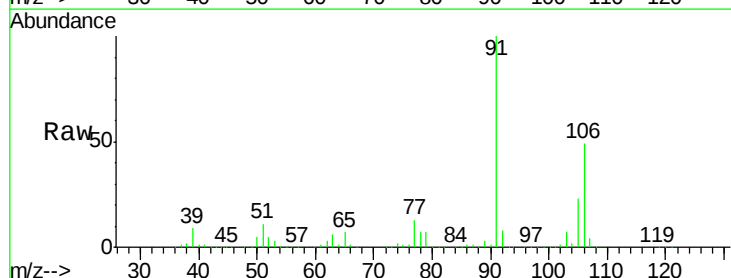
Acq: 27 Jun 2018 10:11

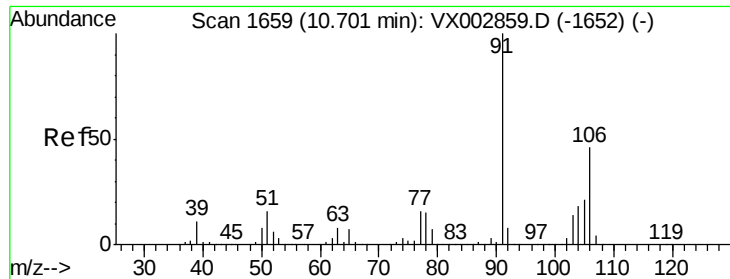
Tgt Ion: 106 Resp: 603495

Ion Ratio Lower Upper

106 100

91 203.3 163.4 245.2





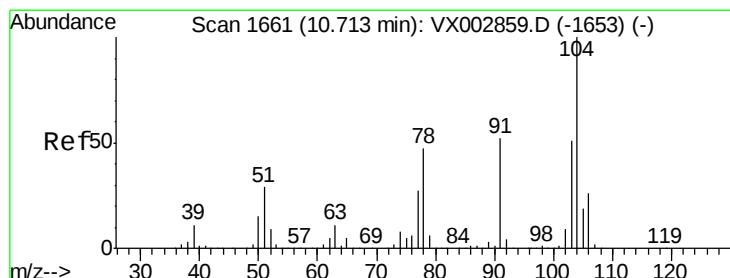
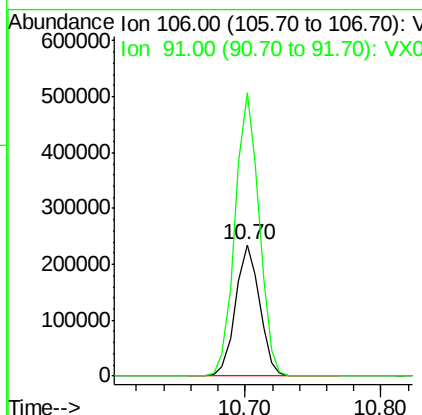
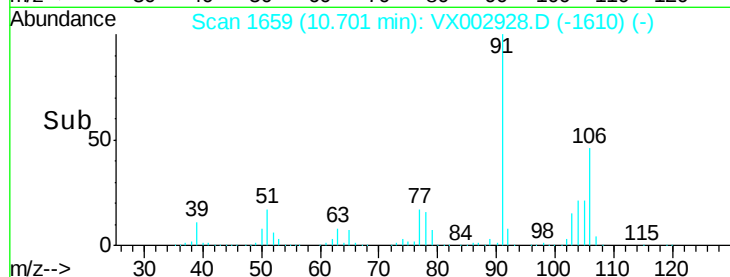
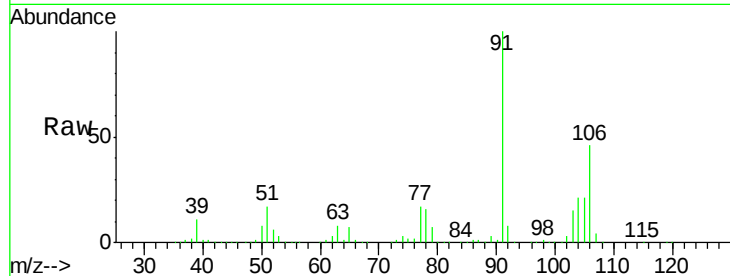
#69
o-Xylene
Concen: 51.39 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002928.D
Acq: 27 Jun 2018 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 290153
Ion Ratio Lower Upper
106 100
91 214.8 108.2 324.6

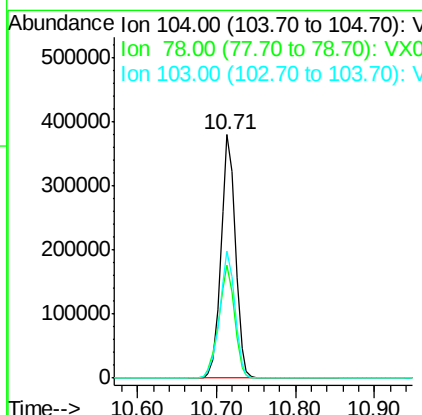
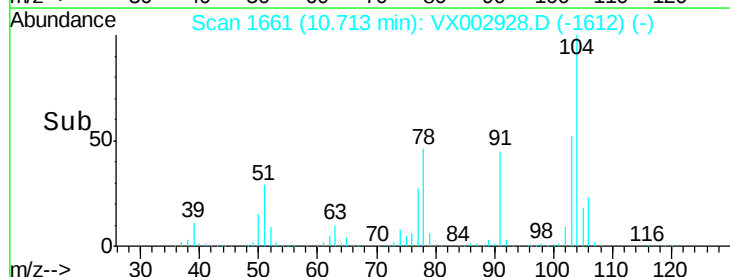
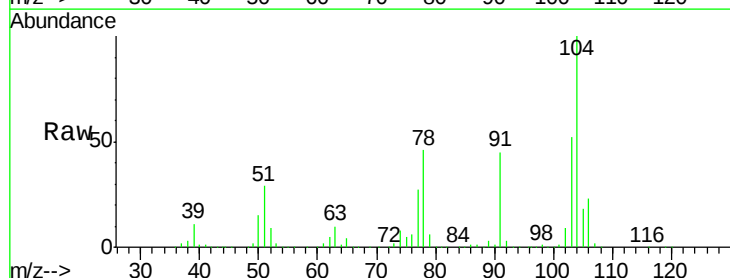
Manual Integrations
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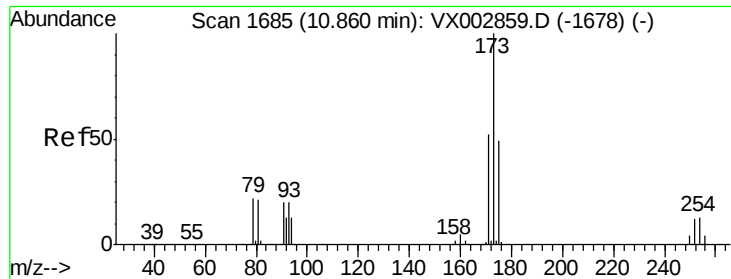
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#70
Styrene
Concen: 52.79 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002928.D
Acq: 27 Jun 2018 10:11

Tgt Ion:104 Resp: 484292
Ion Ratio Lower Upper
104 100
78 50.8 41.0 61.6
103 55.8 44.2 66.4





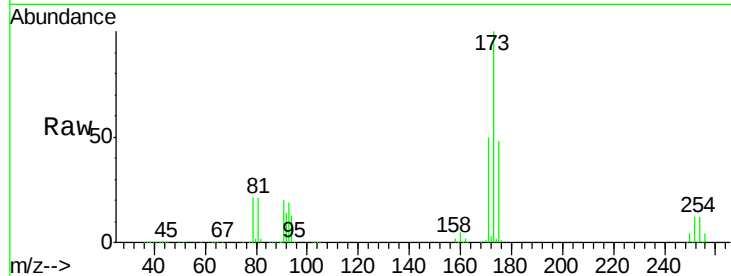
#71
Bromoform
Concen: 45.72 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002928.D
Acq: 27 Jun 2018 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

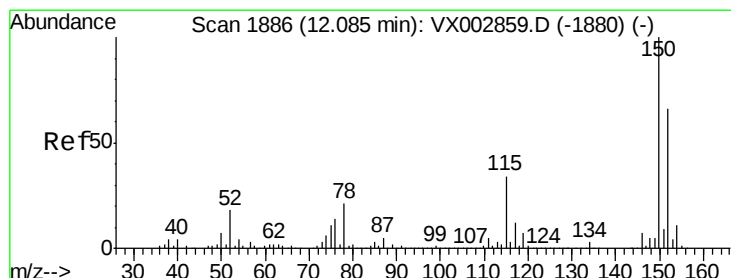
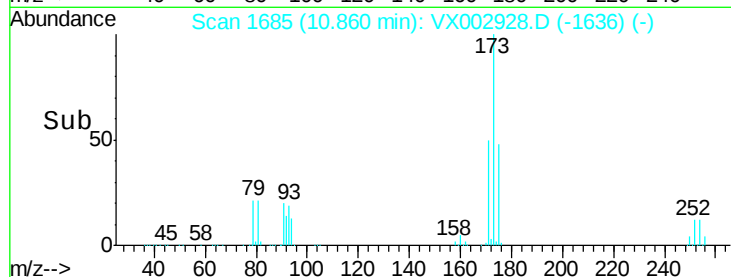
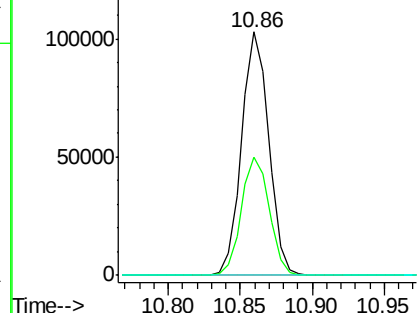
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.7	74.1
254	0.2	0.2	0.2

Manual Integrations
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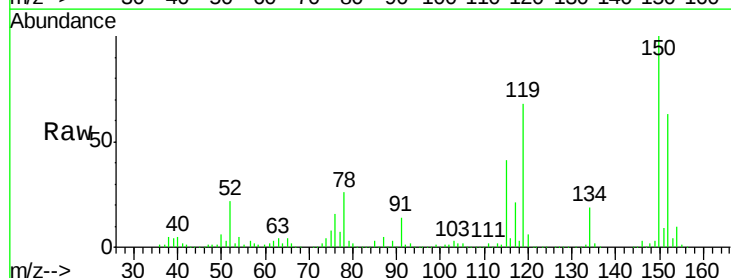


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

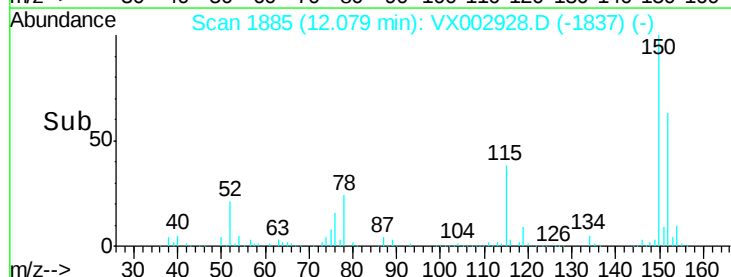
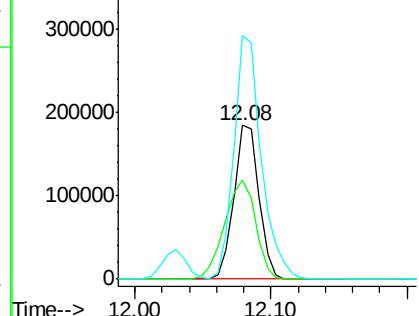


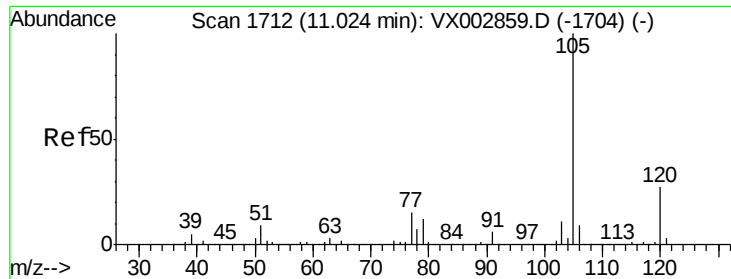
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002928.D
Acq: 27 Jun 2018 10:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.5	40.1	120.2
150	174.1	0.0	347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.92 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002928.D

Acq: 27 Jun 2018 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 803602

Ion Ratio Lower Upper

105 100

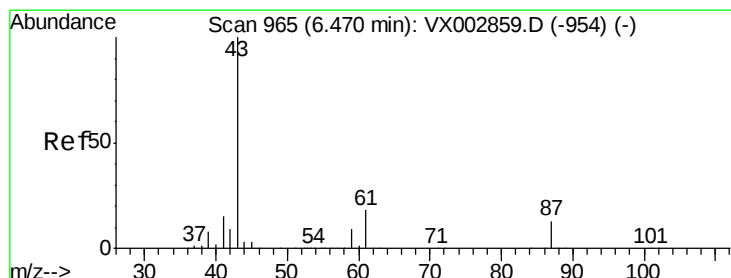
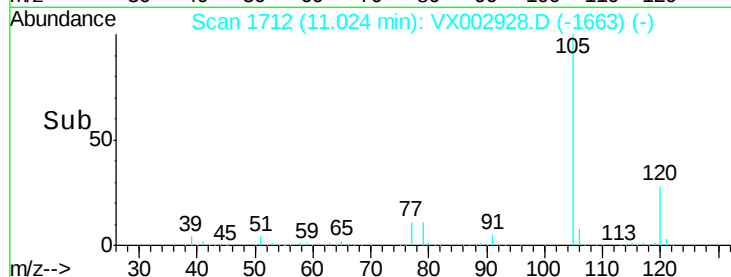
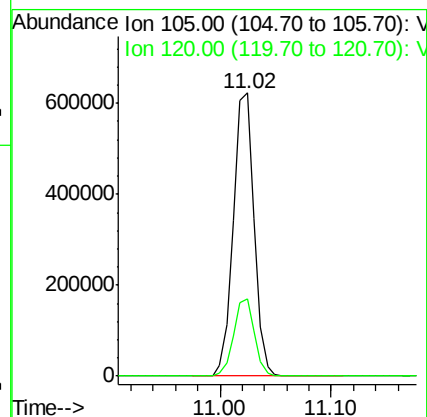
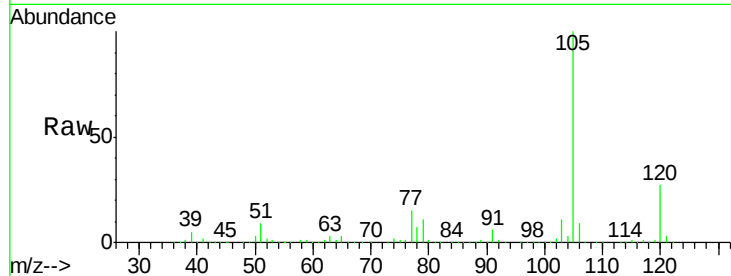
120 27.1 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 45.62 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002928.D

Acq: 27 Jun 2018 10:11

Tgt Ion: 43 Resp: 352257

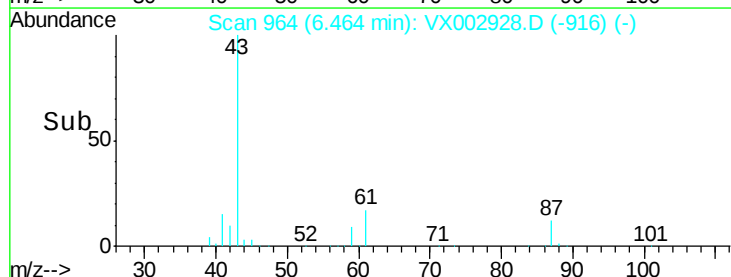
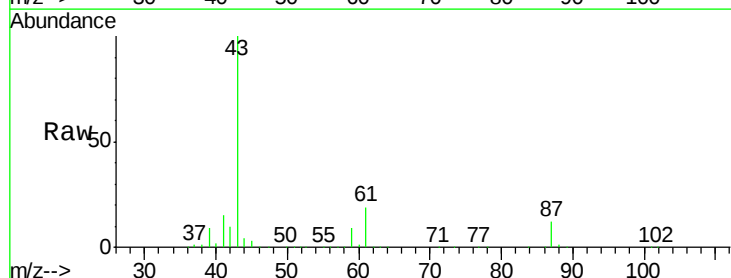
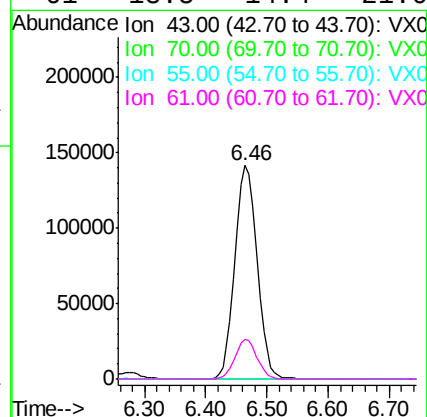
Ion Ratio Lower Upper

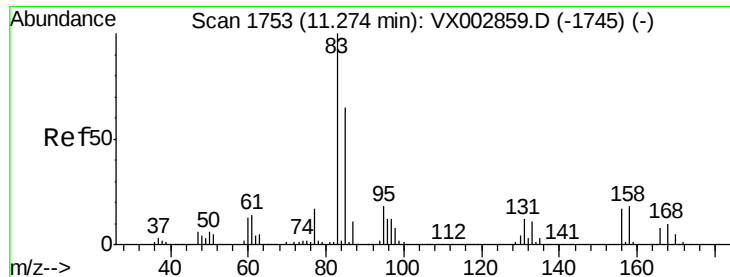
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.5 14.4 21.6





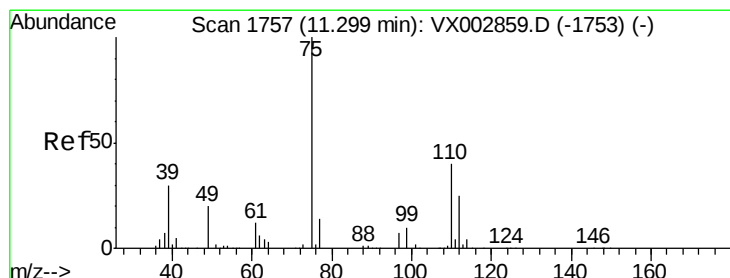
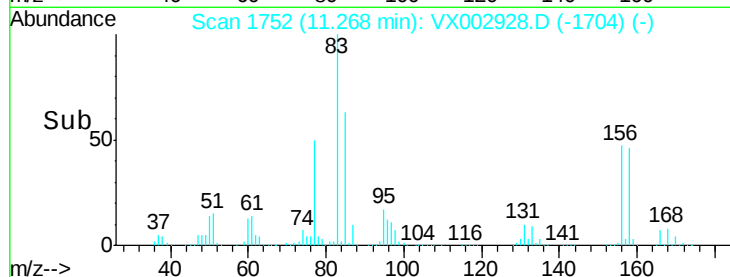
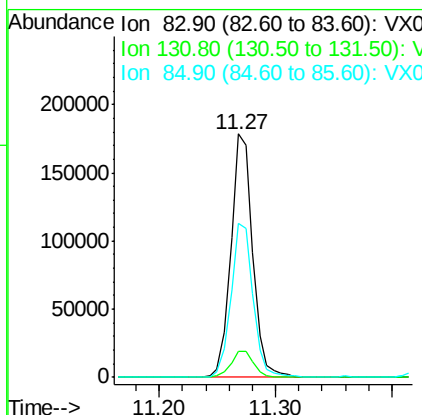
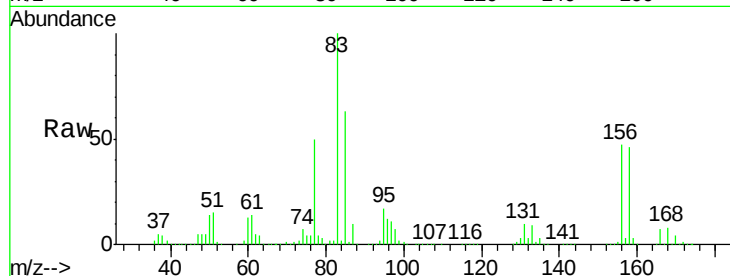
#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.83 ug/l
 RT: 11.27 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: VX002928.D
 Acq: 27 Jun 2018 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	83	Resp	232534
Ion Ratio	100	Lower	Upper
83	100		
131	11.2	5.6	16.8
85	64.5	32.4	97.2

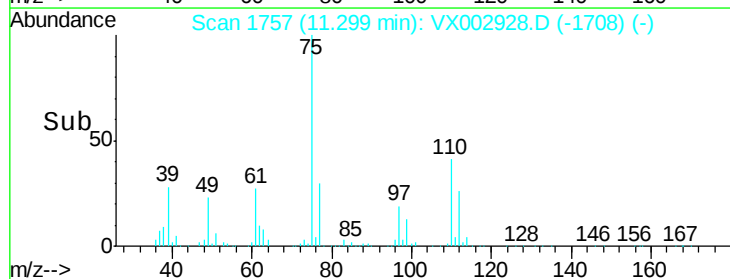
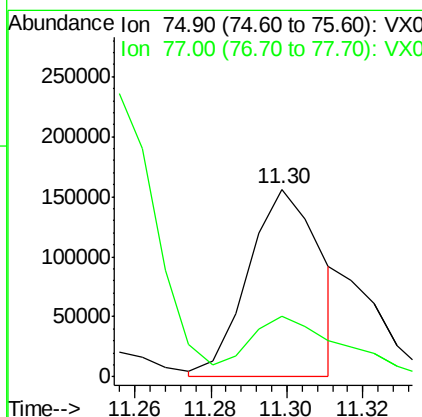
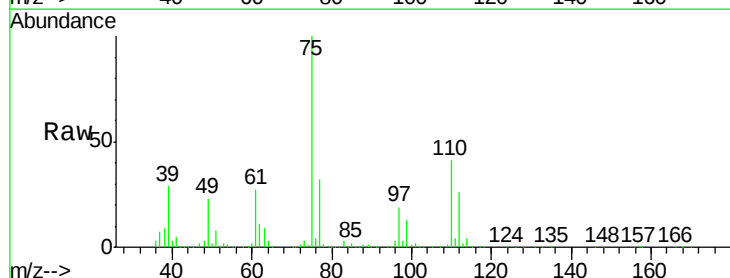
Manual Integrations
 APPROVED

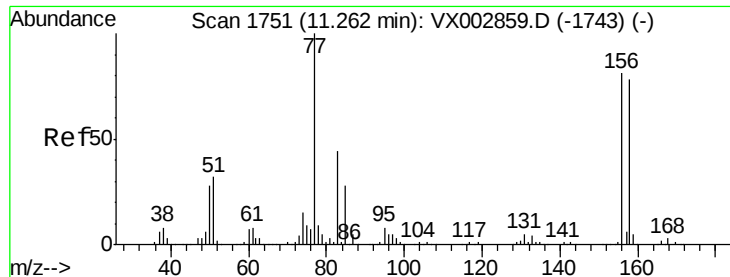
MMDadoda
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#76
 1,2,3-Trichloropropane
 Concen: 48.60 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX002928.D
 Acq: 27 Jun 2018 10:11

Tgt Ion	75	Resp	206541
Ion Ratio	100	Lower	Upper
75	100		
77	41.8	22.8	68.3





#77

Bromobenzene

Concen: 48.85 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002928.D

Acq: 27 Jun 2018 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 219576

Ion Ratio Lower Upper

156 100

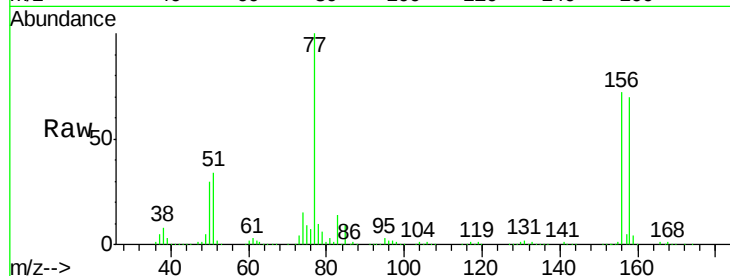
77 138.7 71.4 214.2

158 98.7 48.9 146.6

Manual Integrations
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MMDadoda

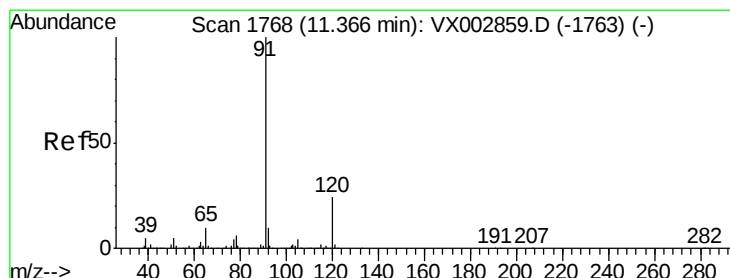
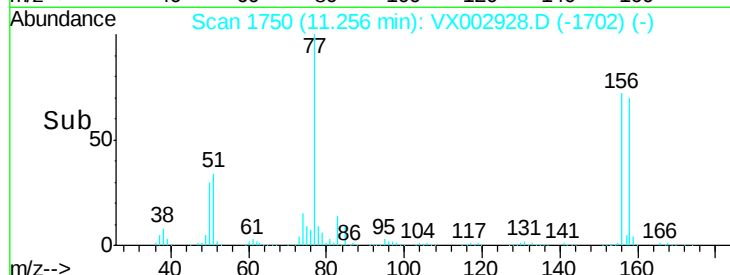
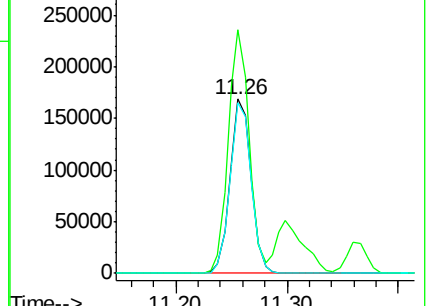
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.02 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002928.D

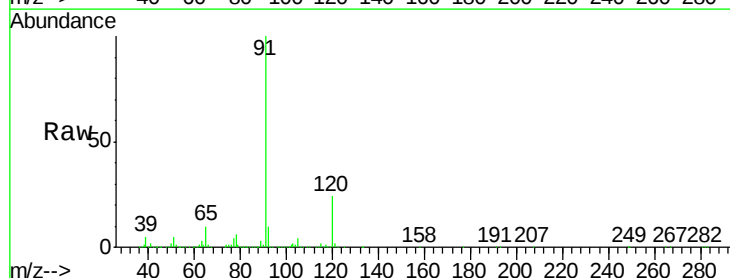
Acq: 27 Jun 2018 10:11

Tgt Ion: 91 Resp: 934554

Ion Ratio Lower Upper

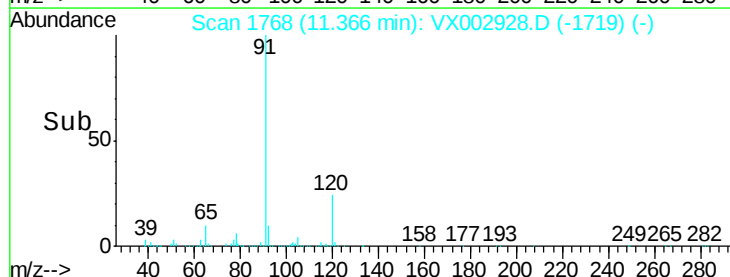
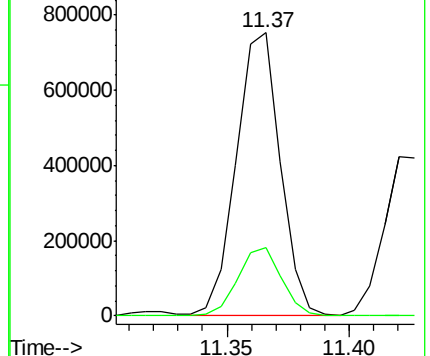
91 100

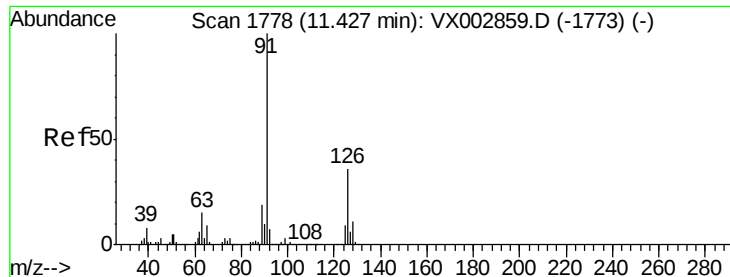
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.34 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX002928.D

Acq: 27 Jun 2018 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 547572

Ion Ratio Lower Upper

91 100

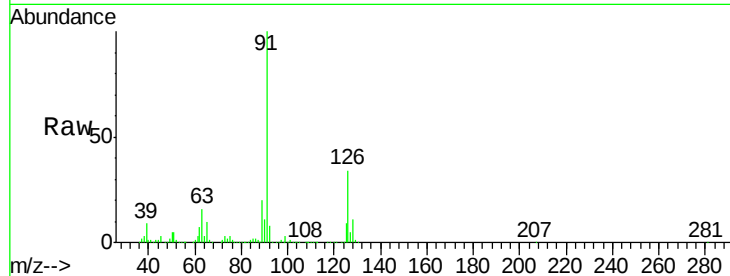
126 35.7 17.7 53.1

Manual Integrations

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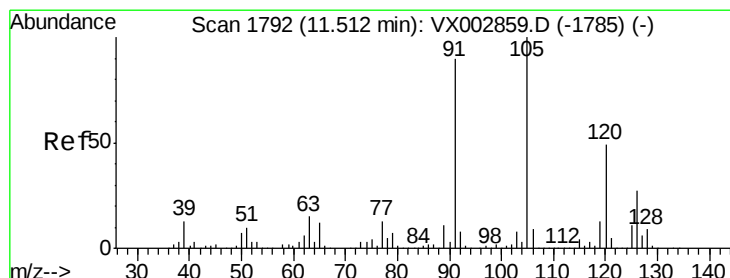
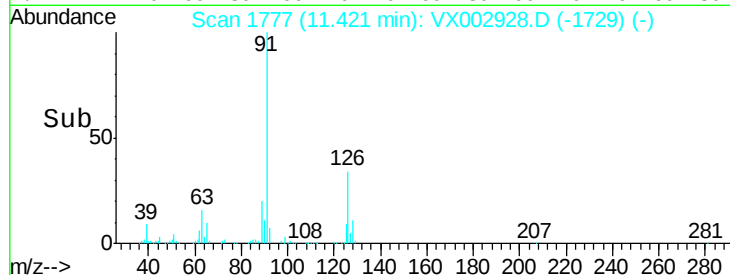
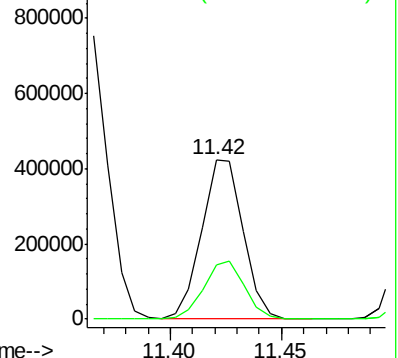
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.29 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002928.D

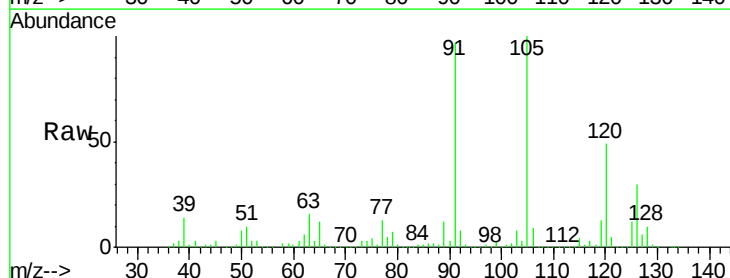
Acq: 27 Jun 2018 10:11

Tgt Ion:105 Resp: 695142

Ion Ratio Lower Upper

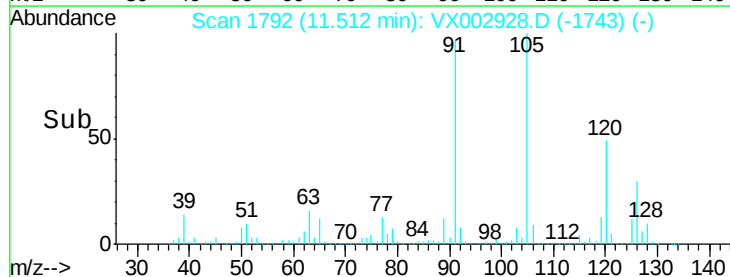
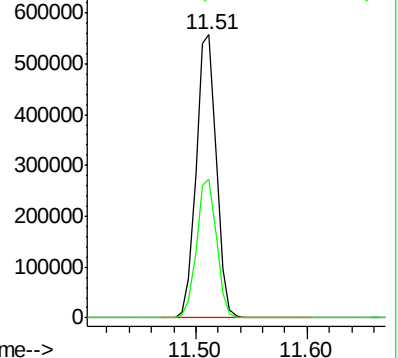
105 100

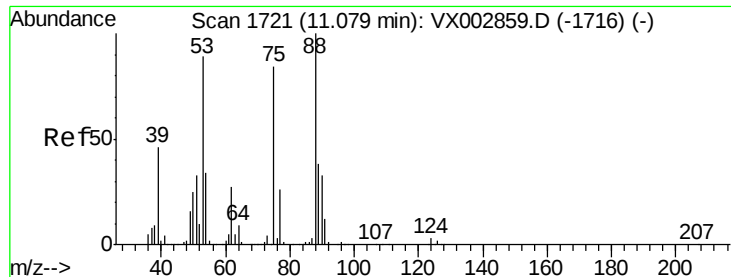
120 48.6 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





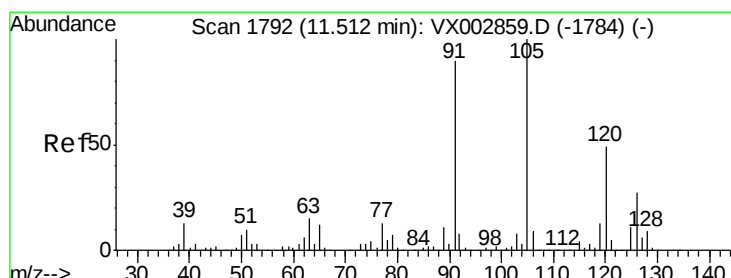
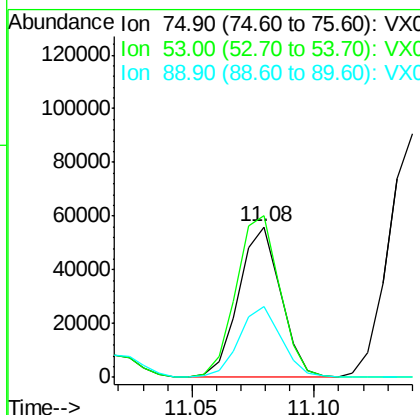
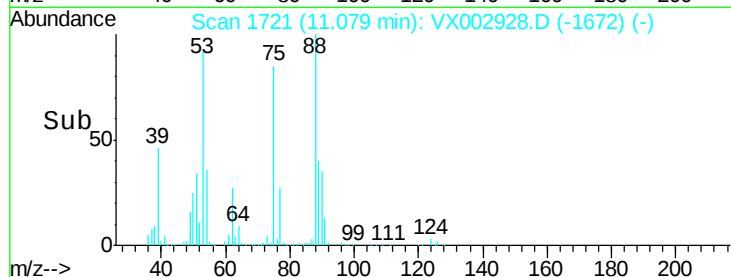
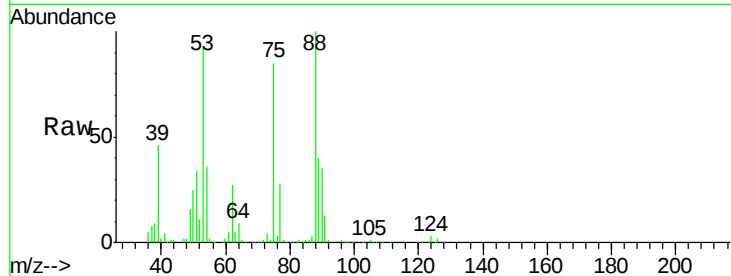
#81
trans-1,4-Dichloro-2-butene
Concen: 46.09 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002928.D
Acq: 27 Jun 2018 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	111.8	86.8	130.2
89	47.6	38.2	57.2

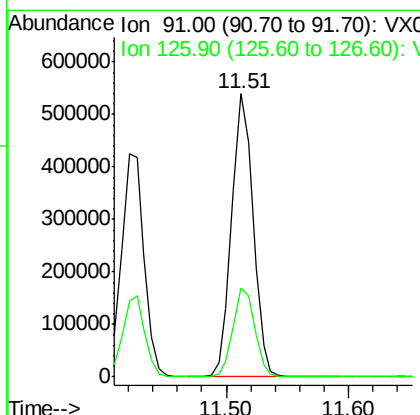
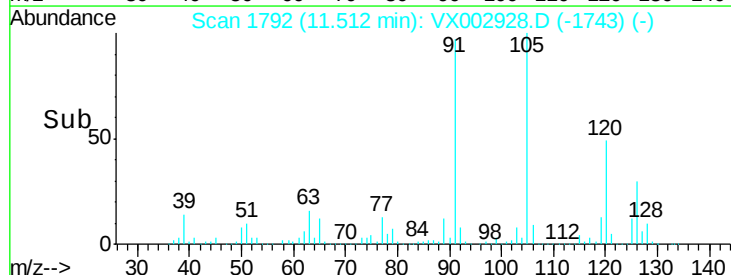
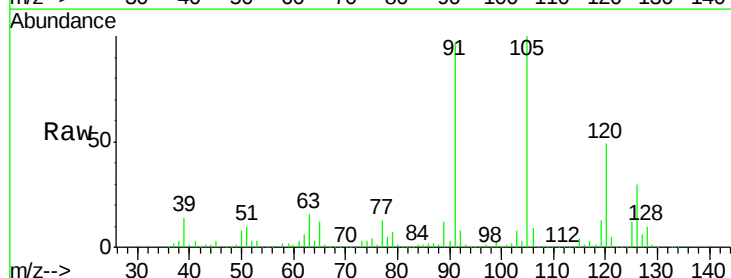
Manual Integrations
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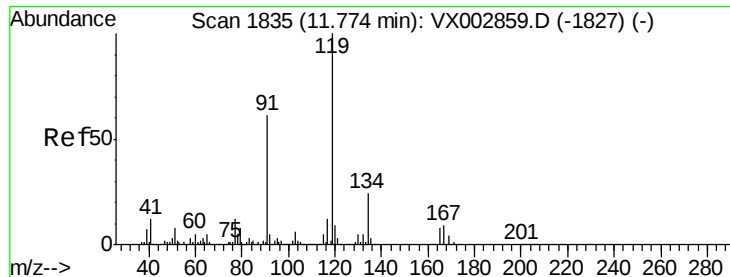
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#82
4-Chlorotoluene
Concen: 50.71 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002928.D
Acq: 27 Jun 2018 10:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.6	15.4	46.4





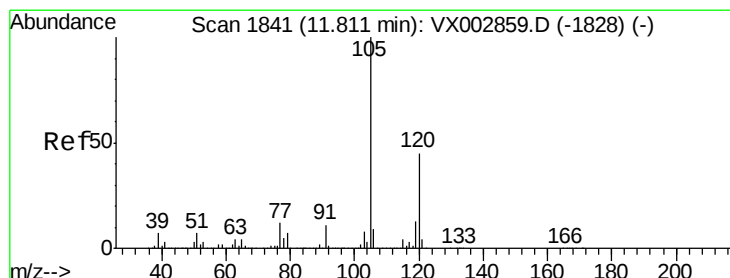
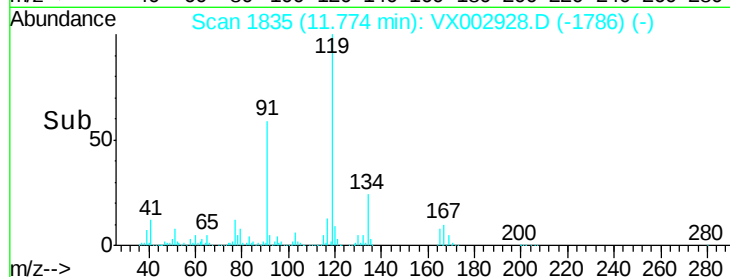
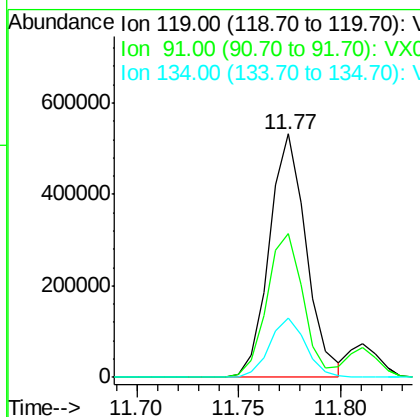
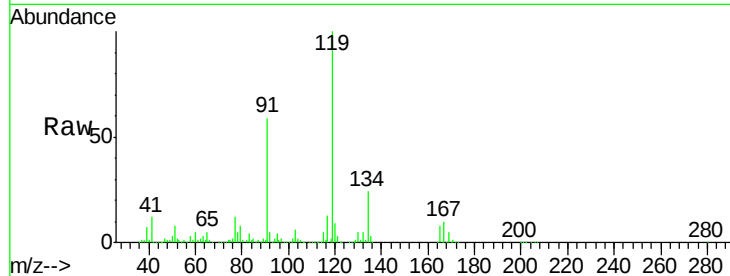
#83
 tert-Butylbenzene
 Concen: 51.35 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002928.D
 Acq: 27 Jun 2018 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.7	30.3	90.9
134	23.6	11.7	35.1

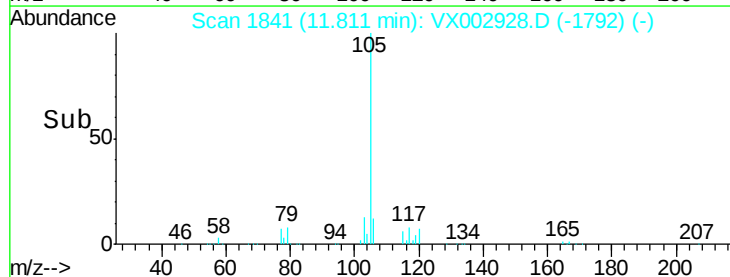
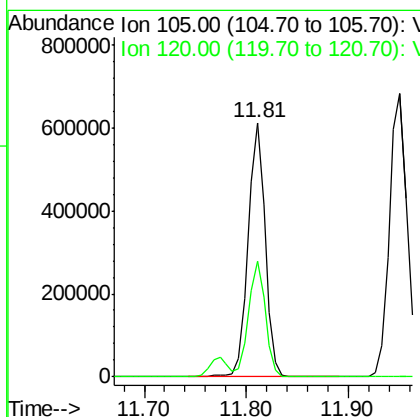
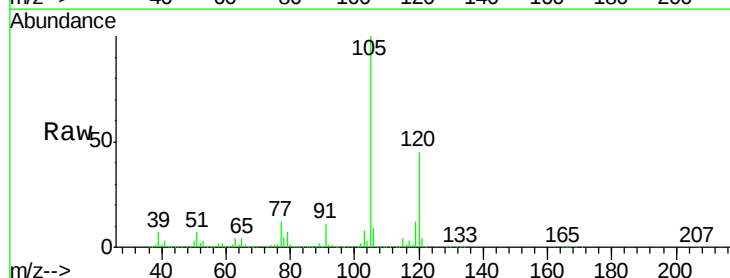
Manual Integrations
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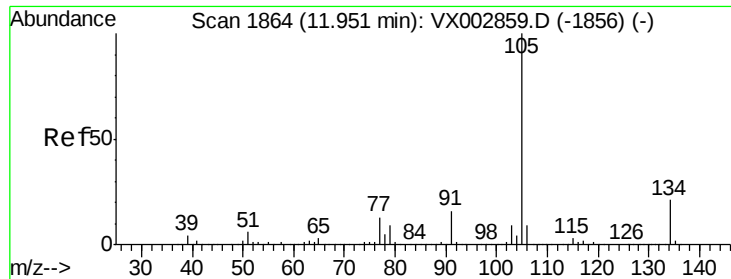
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.76 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002928.D
 Acq: 27 Jun 2018 10:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.3	66.8





#85

sec-Butylbenzene

Concen: 52.12 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002928.D

Acq: 27 Jun 2018 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 828264

Ion Ratio Lower Upper

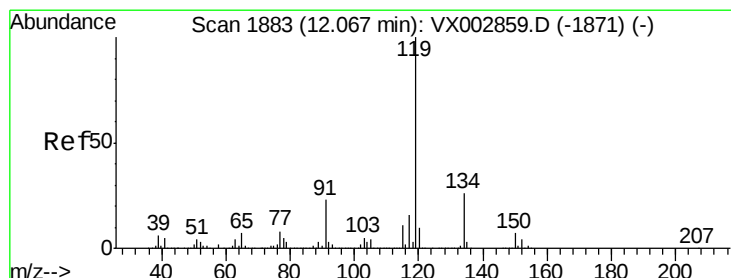
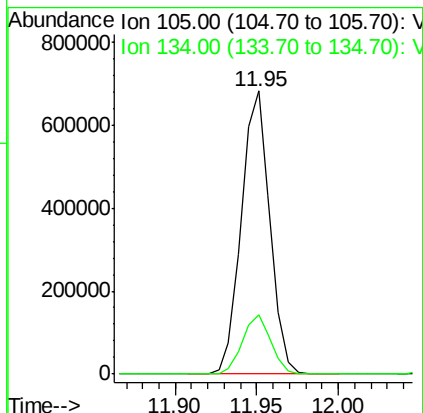
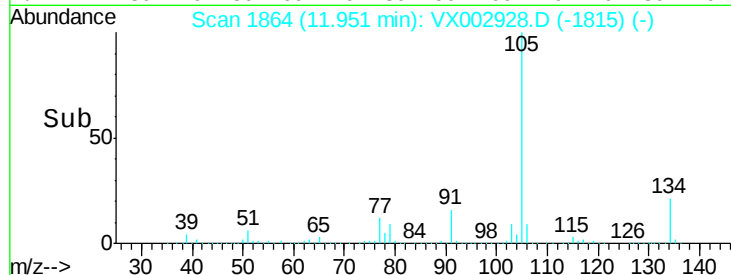
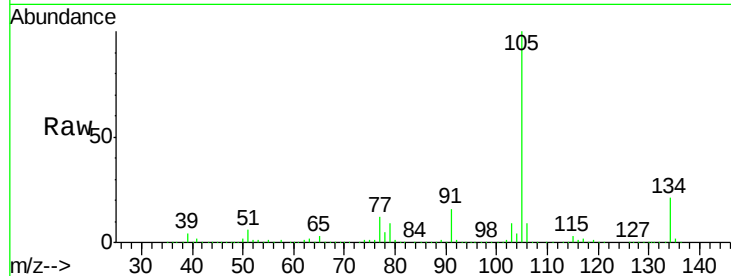
105 100

134 21.0 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 53.48 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002928.D

Acq: 27 Jun 2018 10:11

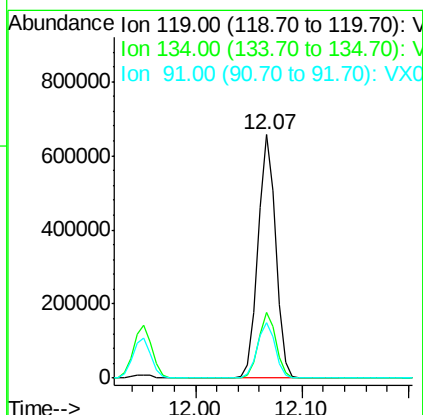
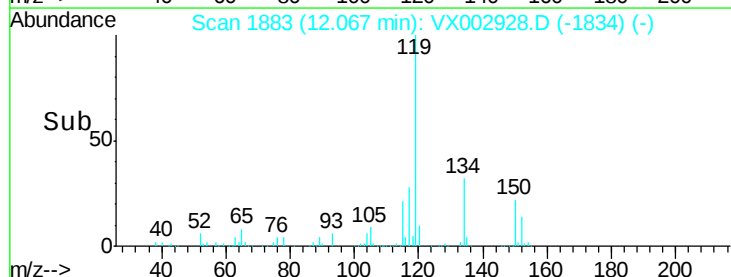
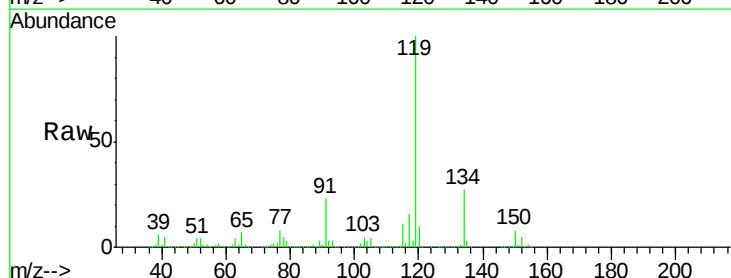
Tgt Ion:119 Resp: 764203

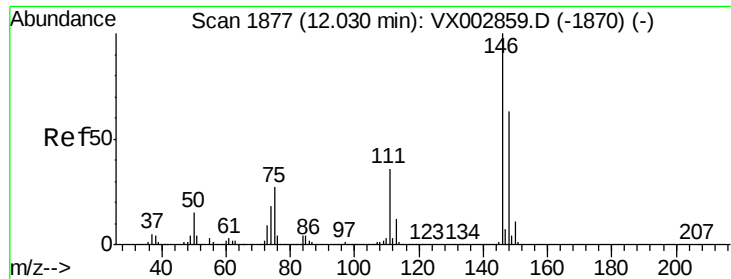
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 23.3 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 49.96 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002928.D

Acq: 27 Jun 2018 10:11

Instrument :

MSVOA_X

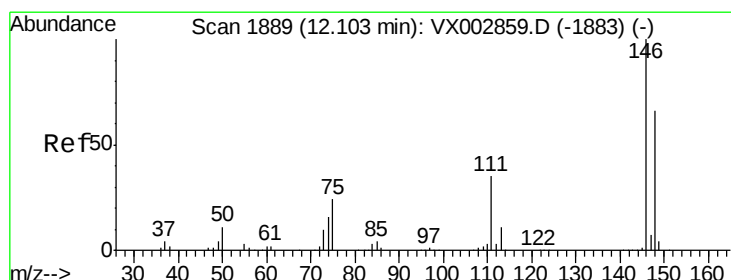
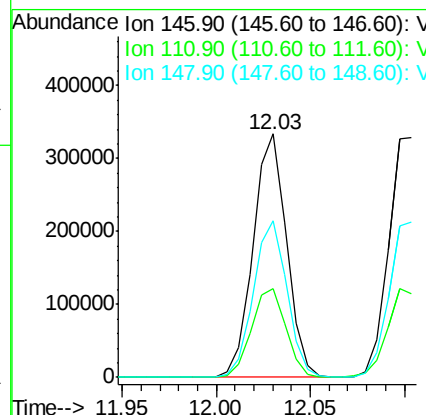
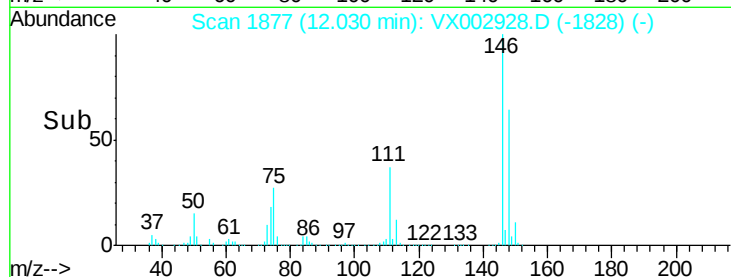
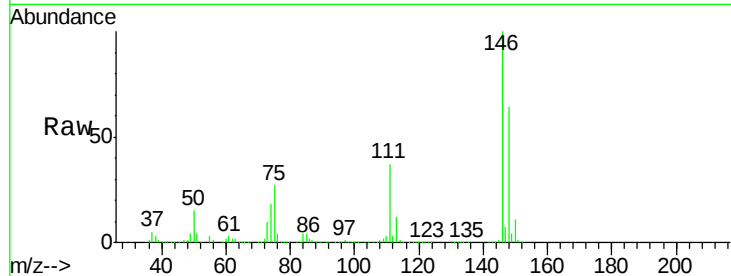
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	410141
Ion Ratio	Lower	Upper	
146	100		
111	37.6	18.9	56.7
148	64.4	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.54 ug/l

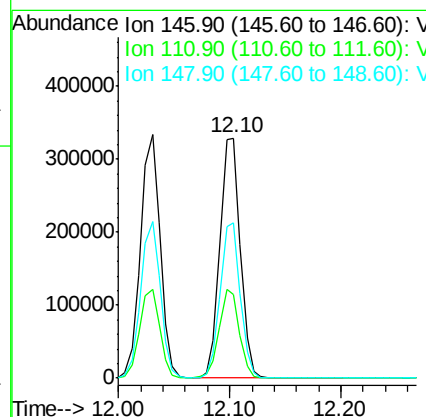
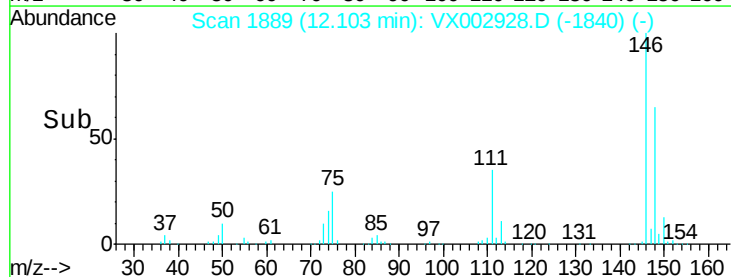
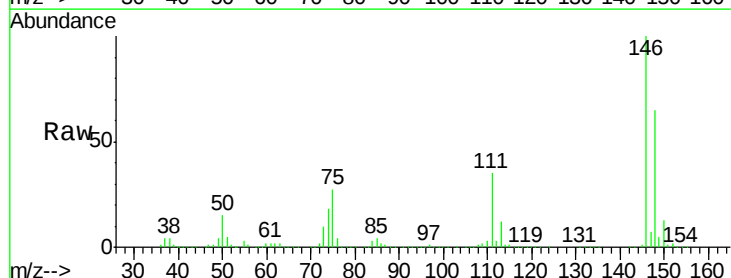
RT: 12.10 min Scan# 1889

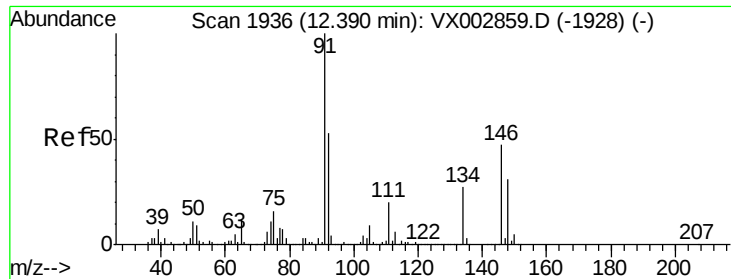
Delta R.T. -0.00 min

Lab File: VX002928.D

Acq: 27 Jun 2018 10:11

Tgt Ion:	146	Resp:	418526
Ion Ratio	Lower	Upper	
146	100		
111	36.4	18.7	56.1
148	63.8	32.4	97.0





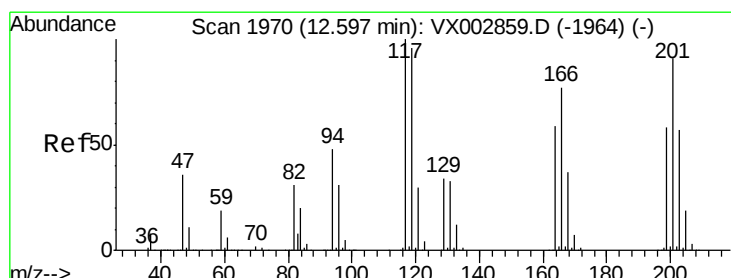
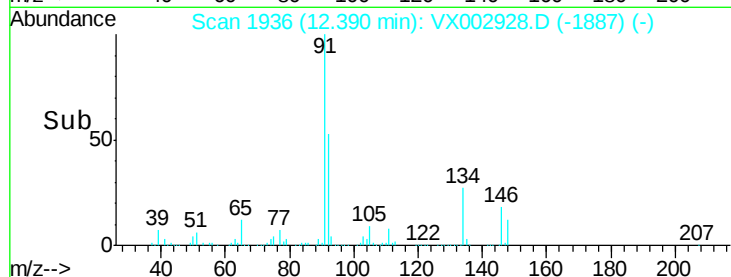
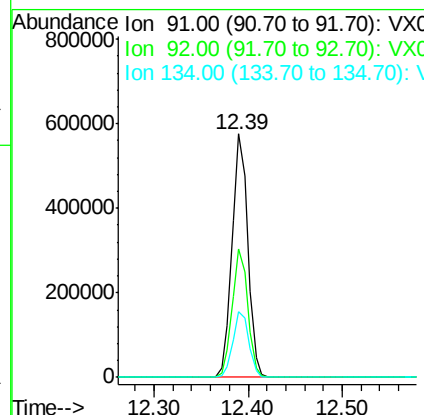
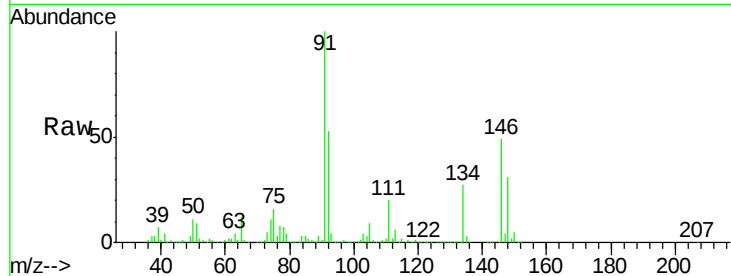
#89
n-Butylbenzene
Concen: 53.84 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002928.D
Acq: 27 Jun 2018 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.0	78.0
134	27.4	13.5	40.5

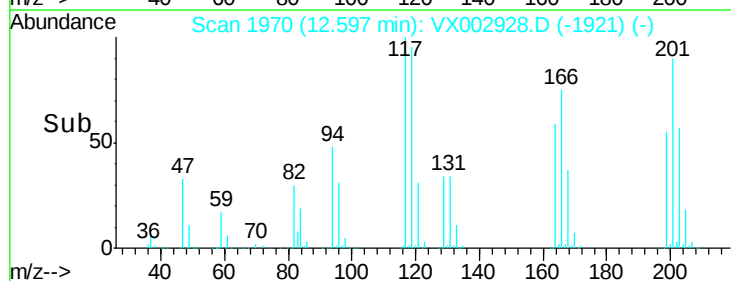
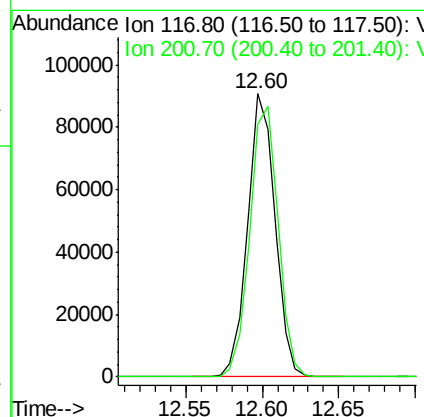
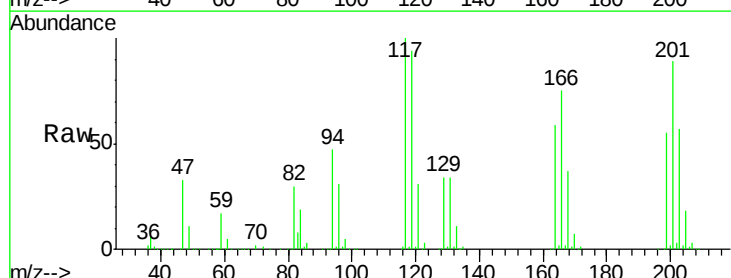
Manual Integrations
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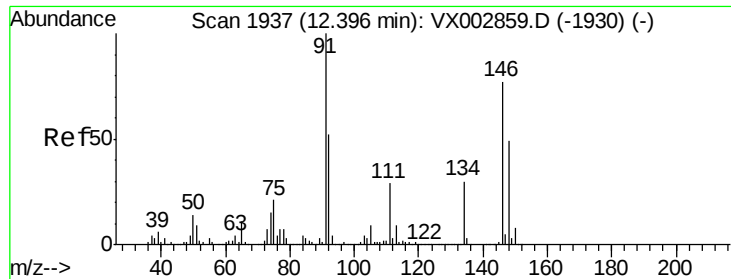
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#90
Hexachloroethane
Concen: 53.01 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX002928.D
Acq: 27 Jun 2018 10:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	99.3	49.0	147.0





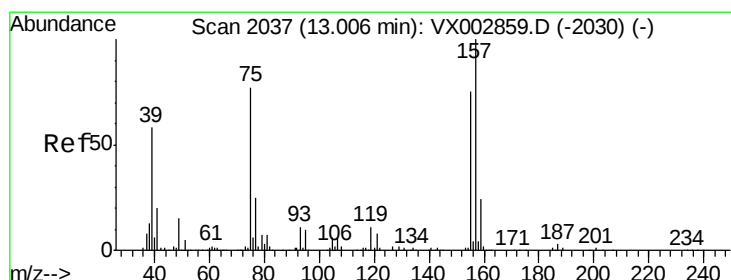
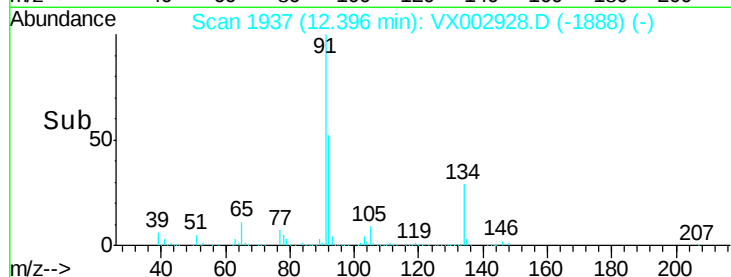
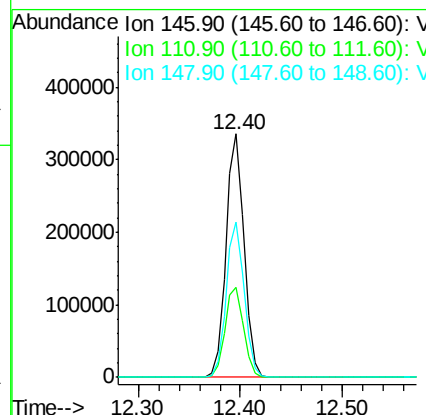
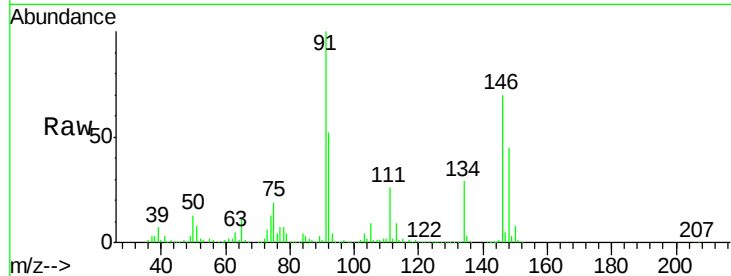
#91
 1,2-Dichlorobenzene
 Concen: 49.90 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002928.D
 Acq: 27 Jun 2018 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.4	58.1
148	63.9	31.7	95.1

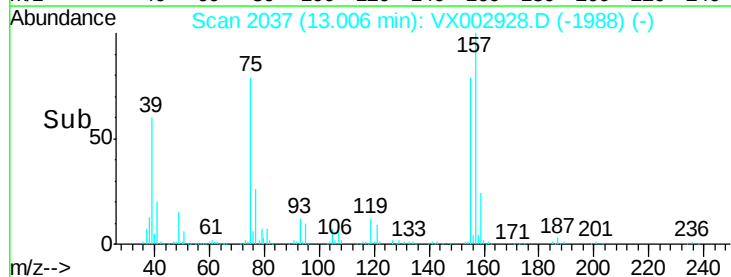
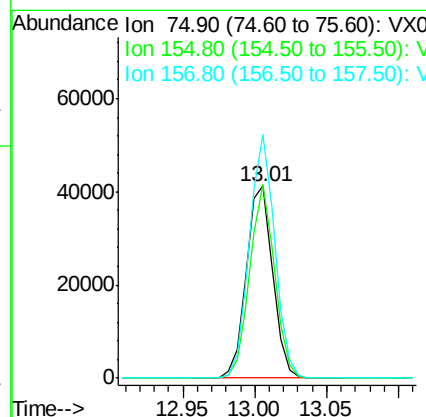
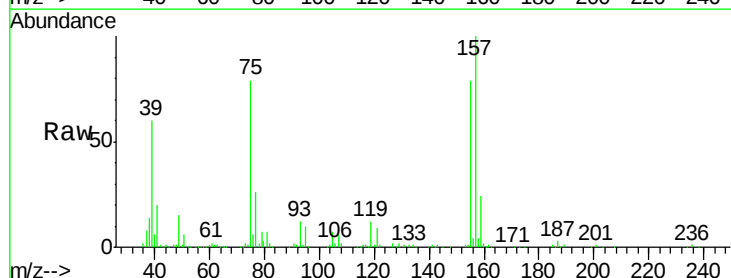
Manual Integrations
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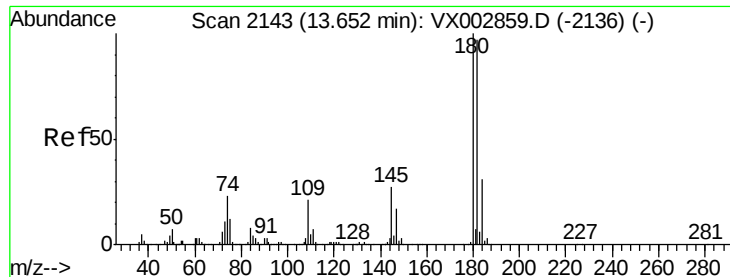
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.81 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002928.D
 Acq: 27 Jun 2018 10:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.3	45.8	137.4
157	121.5	60.1	180.3





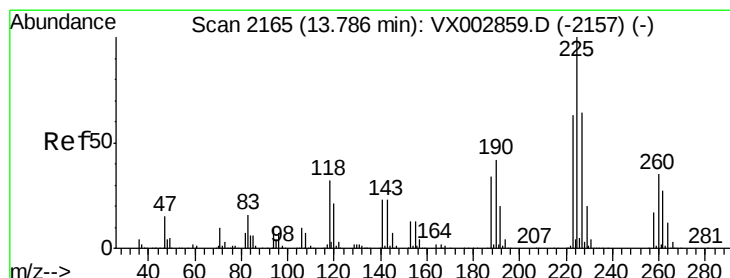
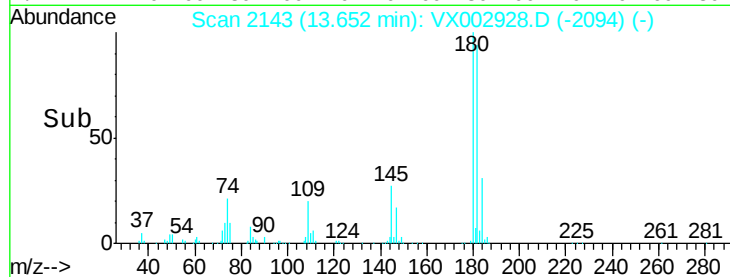
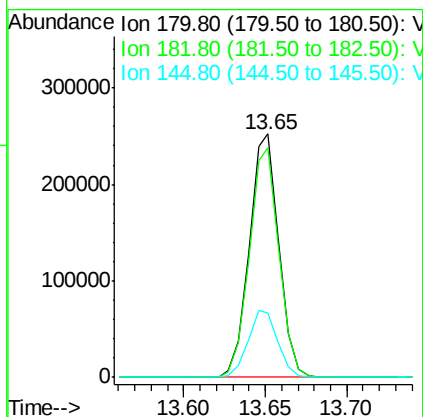
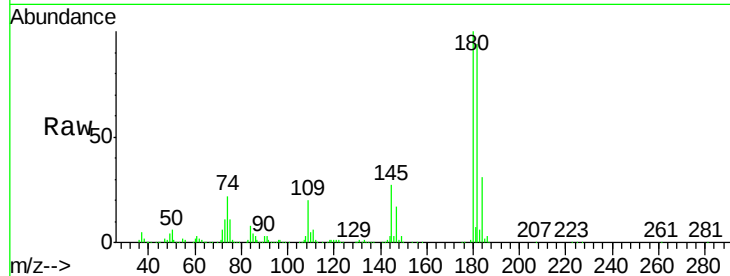
#93
 1,2,4-Trichlorobenzene
 Concen: 52.52 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002928.D
 Acq: 27 Jun 2018 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	316708		
182	94.8	47.7	143.1	
145	27.6	14.1	42.4	

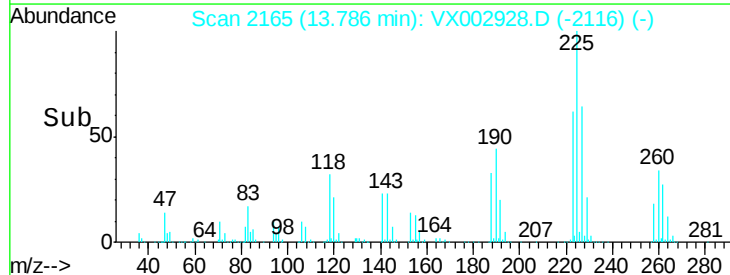
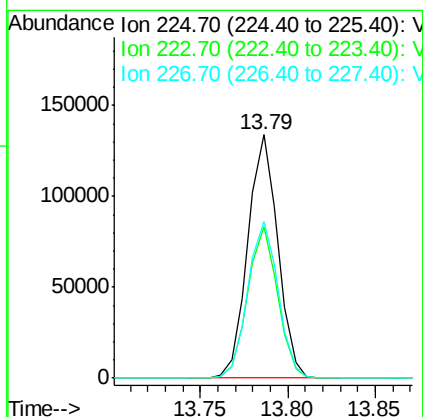
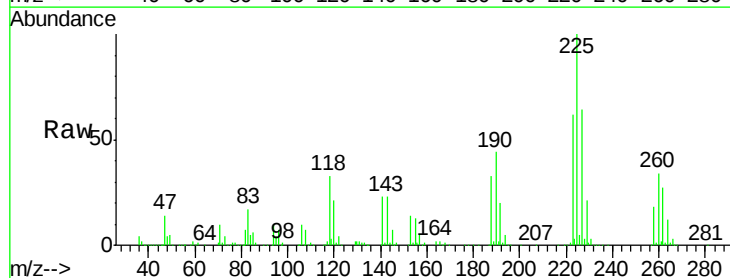
Manual Integrations
 APPROVED

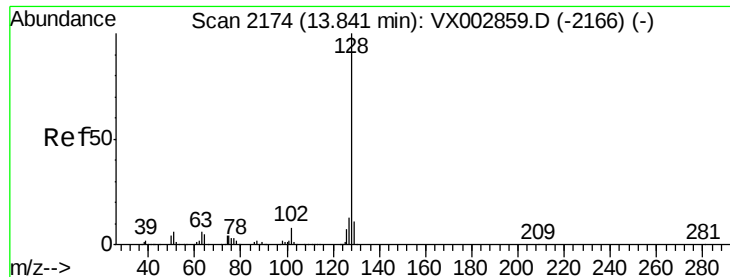
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 53.01 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002928.D
 Acq: 27 Jun 2018 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	159412		
223	62.0	31.6	95.0	
227	64.9	32.4	97.2	





#95

Naphthalene

Concen: 51.70 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002928.D

Acq: 27 Jun 2018 10:11

Instrument :

MSVOA_X

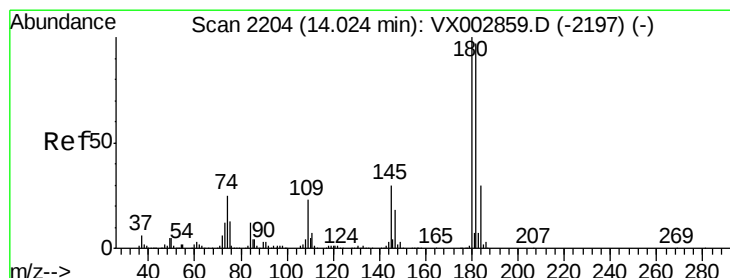
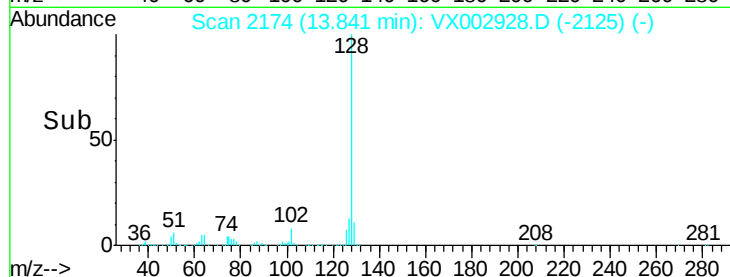
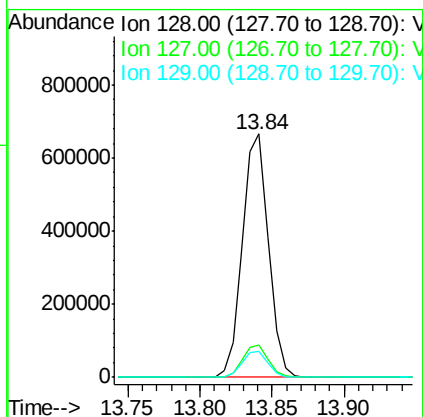
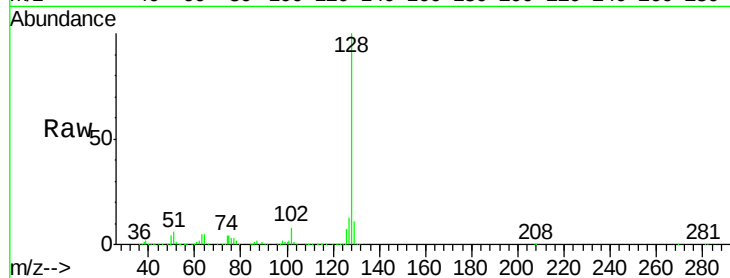
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	830239
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

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6/28/2018 4:47:51 PM



#96

1,2,3-Trichlorobenzene

Concen: 51.79 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002928.D

Acq: 27 Jun 2018 10:11

Tgt Ion:	180	Resp:	311898
Ion Ratio	Lower	Upper	
180	100		
182	95.5	48.0	144.0
145	29.5	14.8	44.3

