

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081418\
 Data File : VX004025.D
 Acq On : 14 Aug 2018 12:01
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 8/15/2018 4:49:52 PM

Quant Time: Aug 14 12:59:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 12:59:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	319199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	472260	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	451690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	277113	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	226275	53.48	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.96%	
35) Dibromofluoromethane	5.50	113	180012	50.31	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.62%	
50) Toluene-d8	8.72	98	738222	53.06	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.12%	
62) 4-Bromofluorobenzene	11.14	95	268380	59.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	119.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	157293	48.63	ug/l	99
3) Chloromethane	1.32	50	182929	41.57	ug/l	100
4) Vinyl Chloride	1.40	62	202374	46.11	ug/l	98
5) Bromomethane	1.64	94	102728	36.75	ug/l	97
6) Chloroethane	1.72	64	137844	49.09	ug/l	98
7) Trichlorofluoromethane	1.93	101	279367	48.21	ug/l	100
8) Diethyl Ether	2.18	74	120968	46.44	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	173674	47.95	ug/l	100
10) Methyl Iodide	2.51	142	181509	40.28	ug/l	99
11) Tert butyl alcohol	3.05	59	224341	220.64	ug/l	100
12) 1,1-Dichloroethene	2.37	96	163515	47.73	ug/l	96
13) Acrolein	2.29	56	151903	271.04	ug/l	99
14) Allyl chloride	2.73	41	307846	46.61	ug/l	97
15) Acrylonitrile	3.14	53	546580	225.29	ug/l	100
16) Acetone	2.44	43	557509	221.47	ug/l	99
17) Carbon Disulfide	2.57	76	460898	44.10	ug/l	99
18) Methyl Acetate	2.77	43	245852	44.85	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	570557	47.00	ug/l	100
20) Methylene Chloride	2.86	84	191535	31.38	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	182364	46.89	ug/l	99
22) Diisopropyl ether	3.87	45	599286	49.37	ug/l	98
23) Vinyl Acetate	3.82	43	2581218	255.54	ug/l	100
24) 1,1-Dichloroethane	3.70	63	340062	47.16	ug/l	100
25) 2-Butanone	4.70	43	925246	244.47	ug/l	100
26) 2,2-Dichloropropane	4.59	77	268815	51.69	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	204985	48.57	ug/l	98
28) Bromochloromethane	5.02	49	165351	53.58	ug/l	95
29) Tetrahydrofuran	5.15	42	467633	240.39	ug/l	98
30) Chloroform	5.22	83	332265	48.94	ug/l	98
31) Cyclohexane	5.58	56	296284	48.58	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	283746	49.84	ug/l	99
36) 1,1-Dichloropropene	5.80	75	258635	48.90	ug/l	100
37) Ethyl Acetate	4.85	43	281526	48.38	ug/l	100
38) Carbon Tetrachloride	5.79	117	254152	50.48	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	309868	49.69	ug/l	99
40) Benzene	6.15	78	787483	49.58	ug/l	100
41) Methacrylonitrile	5.06	41	154578	48.24	ug/l	100
42) 1,2-Dichloroethane	6.20	62	272175	50.68	ug/l	100
43) Isopropyl Acetate	6.46	43	425346	48.58	ug/l	100
44) Trichloroethene	7.21	130	212189	48.85	ug/l	93
45) 1,2-Dichloropropane	7.52	63	201294	49.08	ug/l	99
46) Dibromomethane	7.67	93	131307	49.31	ug/l	99
47) Bromodichloromethane	7.90	83	255434	50.92	ug/l	99
48) Methyl methacrylate	7.78	41	225373	50.64	ug/l	99
49) 1,4-Dioxane	7.76	88	101857	971.47	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1824797	251.43	ug/l	100
52) Toluene	8.79	92	508288	50.65	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	287467	50.70	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	314422	51.43	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	204283	49.81	ug/l	99
56) Ethyl methacrylate	9.18	69	306692	51.55	ug/l	99
57) 1,3-Dichloropropane	9.37	76	346120	50.43	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	796666	272.29	ug/l	99
59) 2-Hexanone	9.50	43	1395411	257.22	ug/l	100
60) Dibromochloromethane	9.59	129	206006	53.88	ug/l	100
61) 1,2-Dibromoethane	9.68	107	213384	51.97	ug/l	99
64) Tetrachloroethene	9.34	164	204451	46.01	ug/l	94
65) Chlorobenzene	10.14	112	556438	47.34	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	193574	47.91	ug/l	97
67) Ethyl Benzene	10.26	91	928685	48.27	ug/l	98
68) m/p-Xylenes	10.36	106	740734	98.53	ug/l	99
69) o-Xylene	10.70	106	364310	51.34	ug/l	95
70) Styrene	10.71	104	613515	52.80	ug/l	98
71) Bromoform	10.86	173	159266	52.71	ug/l	98
73) Isopropylbenzene	11.02	105	983302	47.97	ug/l	96
74) N-amyl acetate	6.46	43	425346	39.90	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	316994	45.12	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	279638m	45.69	ug/l	
77) Bromobenzene	11.26	156	256225	46.85	ug/l	100
78) n-propylbenzene	11.36	91	1130453	49.11	ug/l	99
79) 2-Chlorotoluene	11.42	91	655979	46.74	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	819010	49.00	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	94521	47.06	ug/l	99
82) 4-Chlorotoluene	11.51	91	780393	47.46	ug/l	99
83) tert-Butylbenzene	11.77	119	807919	49.13	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	852957	50.75	ug/l	100
85) sec-Butylbenzene	11.95	105	962640	49.60	ug/l	99
86) p-Isopropyltoluene	12.07	119	867675	49.82	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	479256	47.41	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	486315	46.37	ug/l	99
89) n-Butylbenzene	12.39	91	652432	42.99	ug/l	99
90) Hexachloroethane	12.60	117	120706	42.69	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	418324	41.75	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	58116	40.38	ug/l	98

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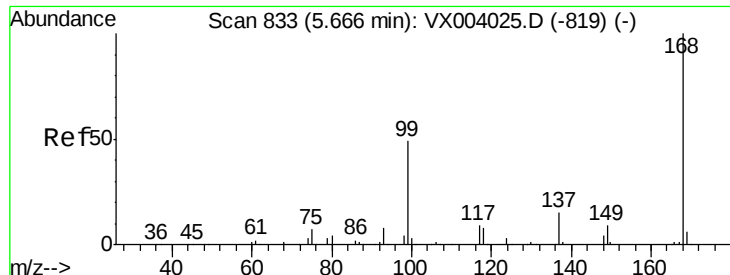
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	319423	44.32	ug/l	98
94) Hexachlorobutadiene	13.79	225	146615	43.43	ug/l	100
95) Naphthalene	13.83	128	992947	48.11	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	346733	48.21	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: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 319199

Ion Ratio Lower Upper

168 100

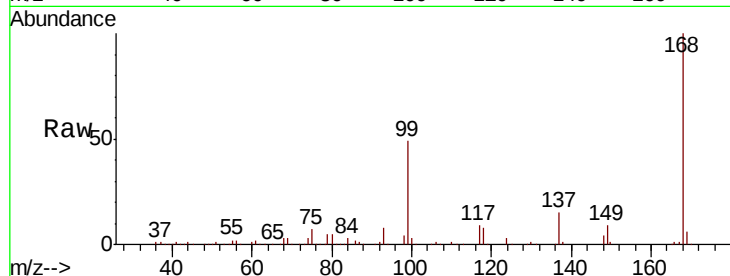
99 48.9 40.1 60.1

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

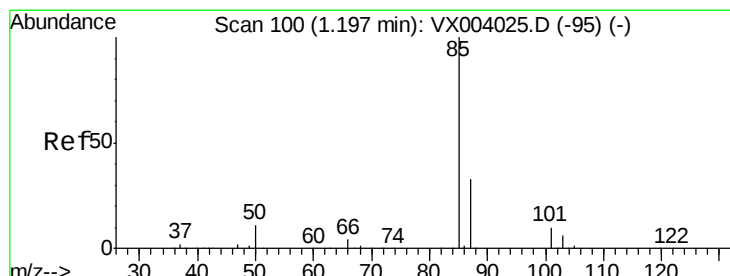
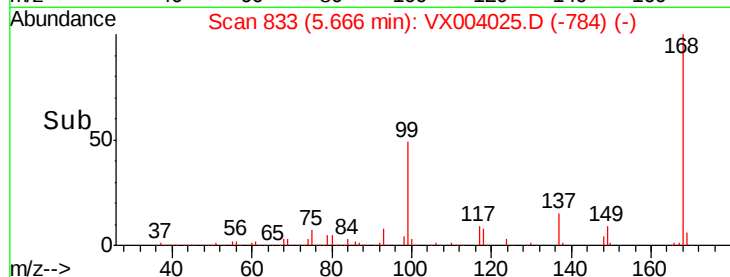
5.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.63 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX004025.D

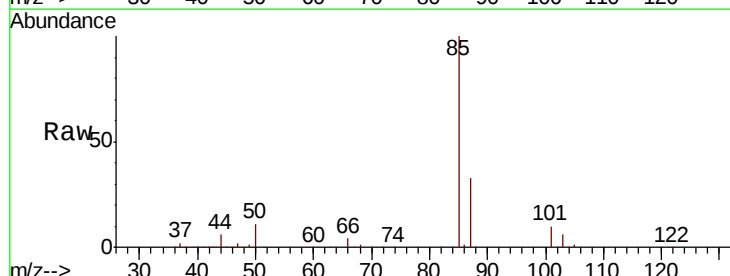
Acq: 14 Aug 2018 12:01

Tgt Ion: 85 Resp: 157293

Ion Ratio Lower Upper

85 100

87 32.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

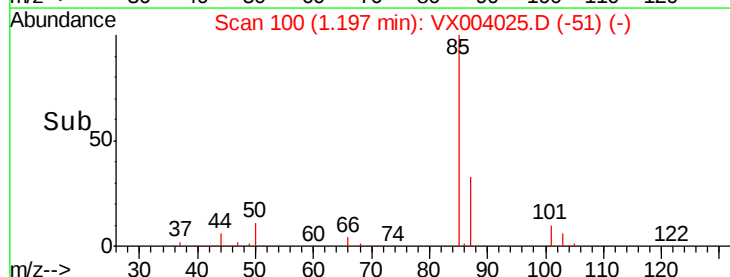
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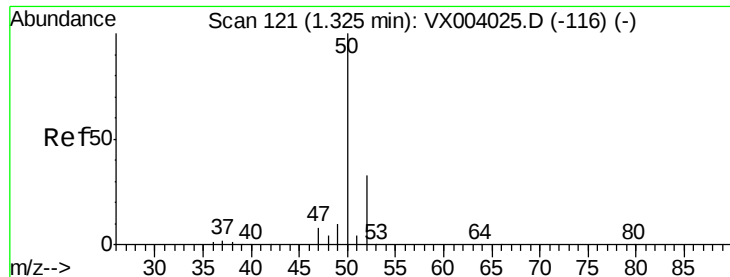
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50000

0

Time-->





#3

Chloromethane

Concen: 41.57 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 182929

Ion Ratio Lower Upper

50 100

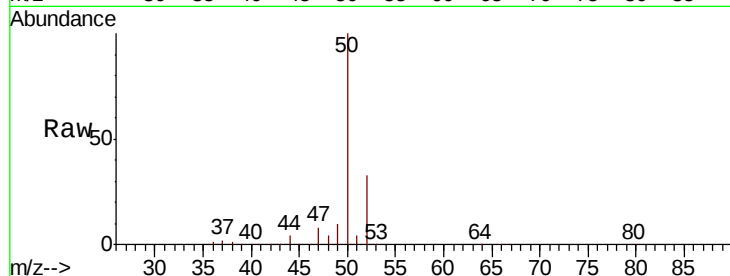
52 33.1 26.6 39.8

Manual Integrations

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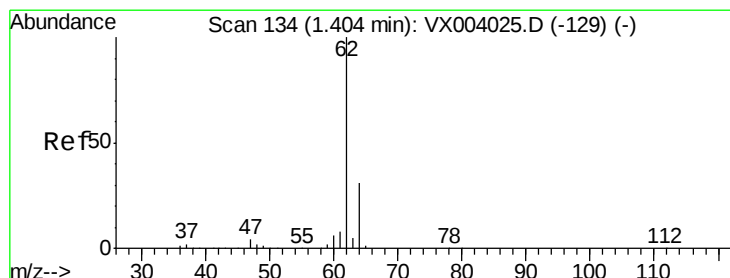
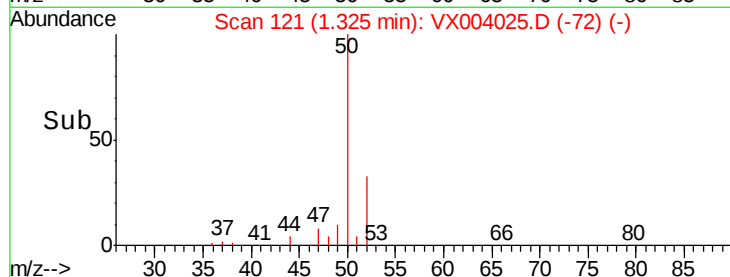
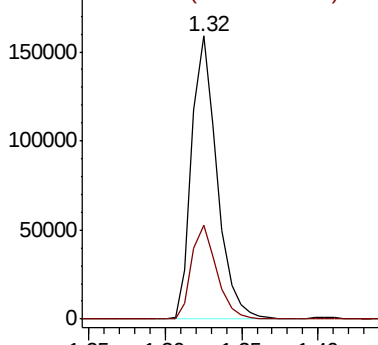
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.11 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX004025.D

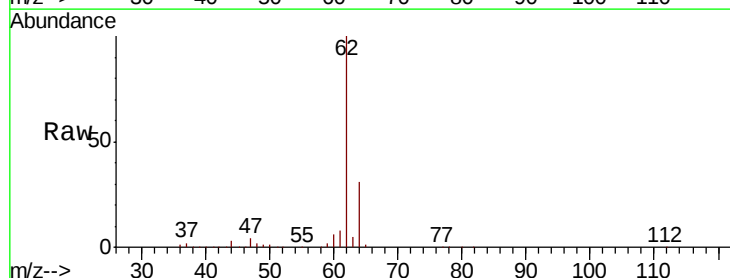
Acq: 14 Aug 2018 12:01

Tgt Ion: 62 Resp: 202374

Ion Ratio Lower Upper

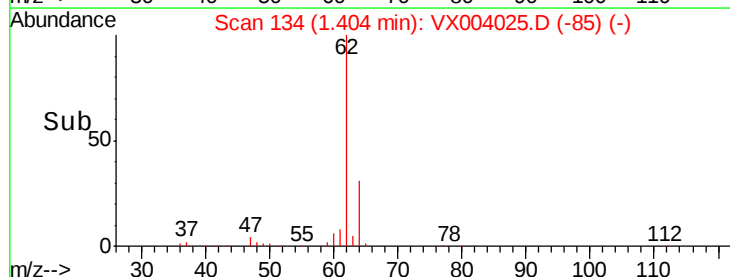
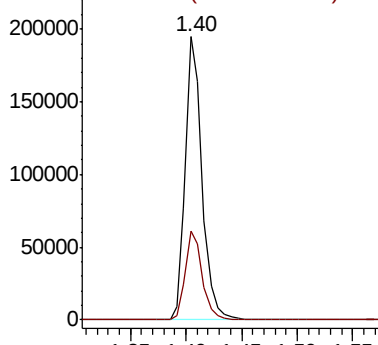
62 100

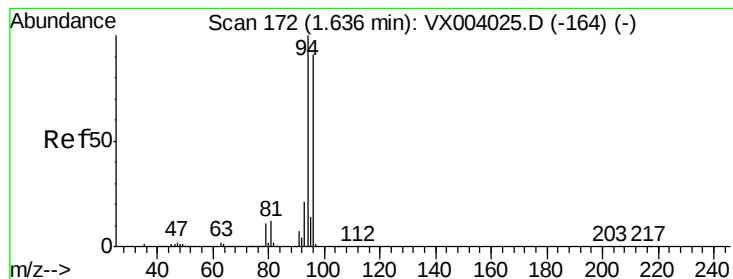
64 31.4 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 36.75 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 102728

Ion Ratio Lower Upper

94 100

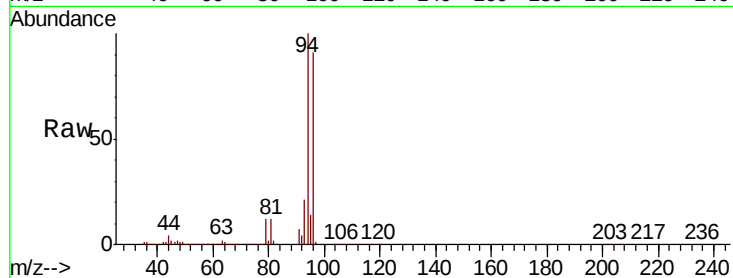
96 91.0 75.2 112.8

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

120000

100000

80000

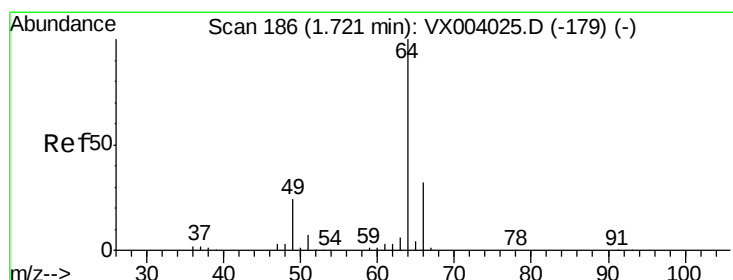
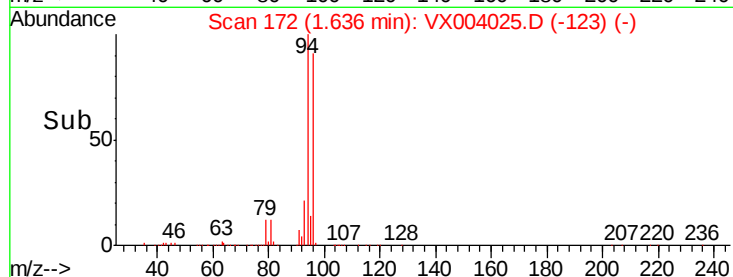
60000

40000

20000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 49.09 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX004025.D

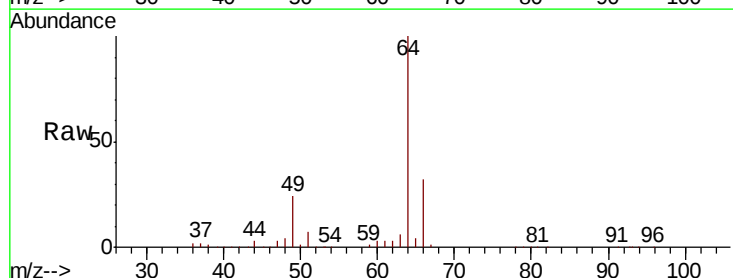
Acq: 14 Aug 2018 12:01

Tgt Ion: 64 Resp: 137844

Ion Ratio Lower Upper

64 100

66 32.1 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

120000

100000

80000

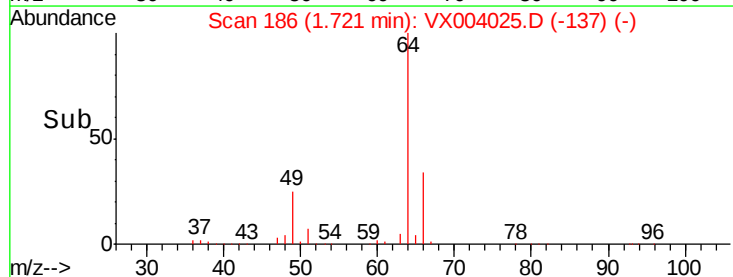
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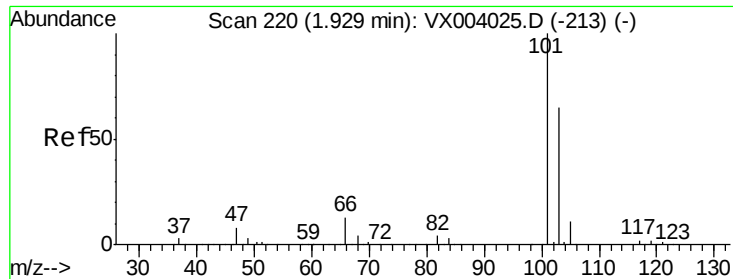
40000

20000

0

Time--> 1.65 1.70 1.75 1.80 1.85





#7

Trichlorofluoromethane

Concen: 48.21 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

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Tot Ion:101 Resp: 279367

Ion Ratio Lower Upper

101 100

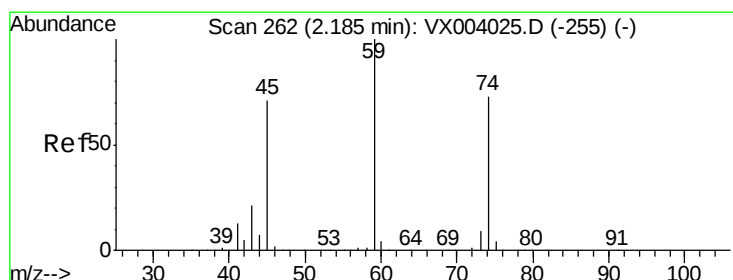
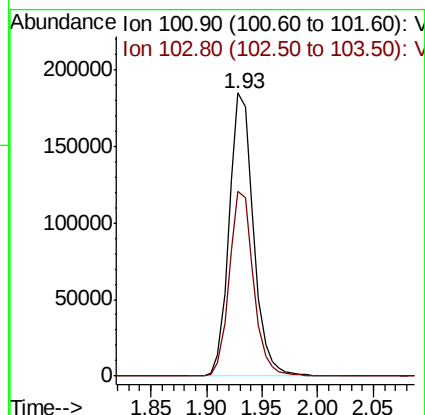
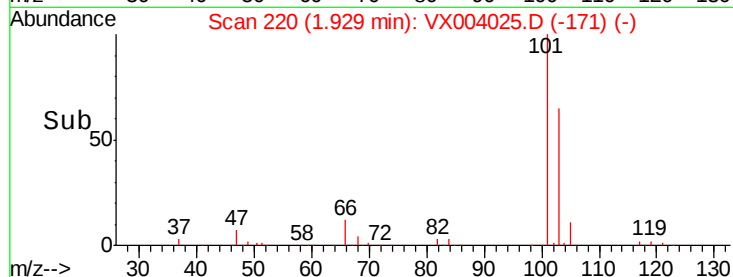
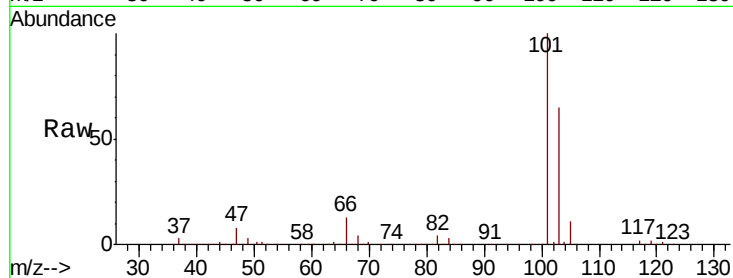
103 65.3 52.3 78.5

Manual Integrations

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8/15/2018 4:49:52 PM



#8

Diethyl Ether

Concen: 46.44 ug/l

RT: 2.18 min Scan# 262

Delta R.T. 0.00 min

Lab File: VX004025.D

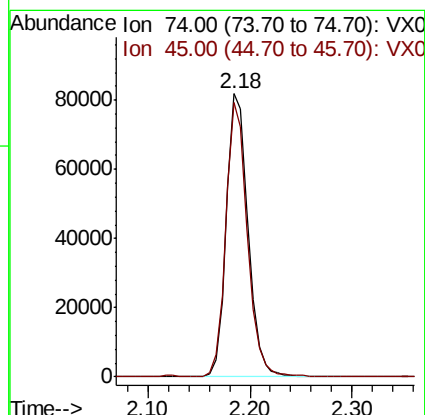
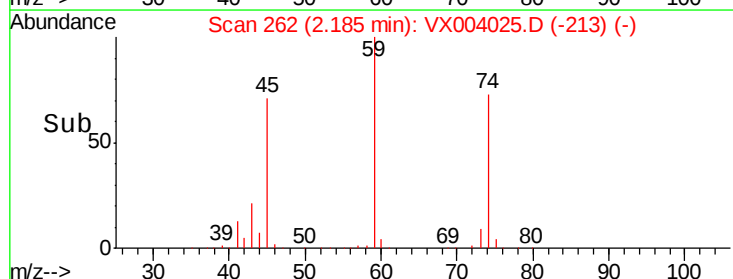
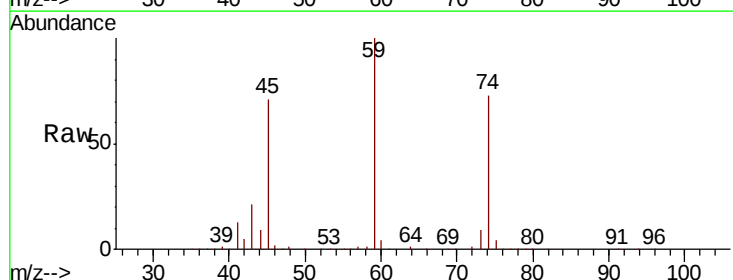
Acq: 14 Aug 2018 12:01

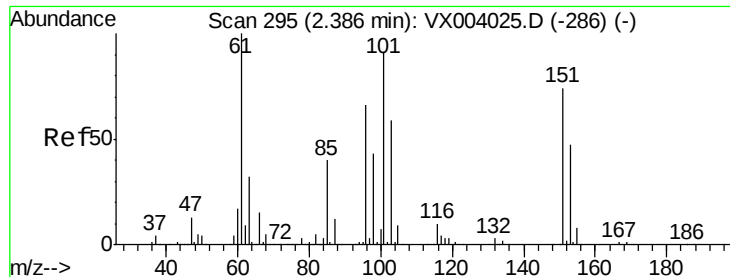
Tgt Ion: 74 Resp: 120968

Ion Ratio Lower Upper

74 100

45 95.4 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.95 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

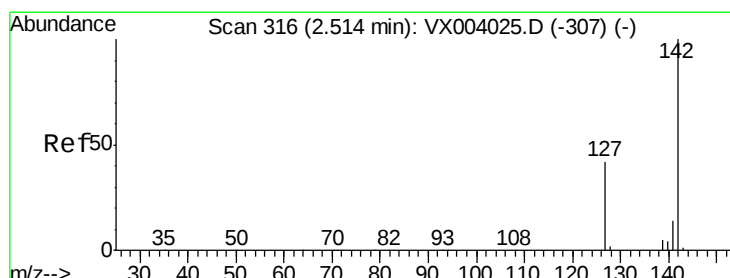
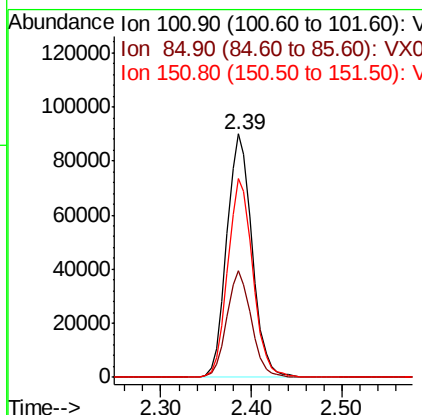
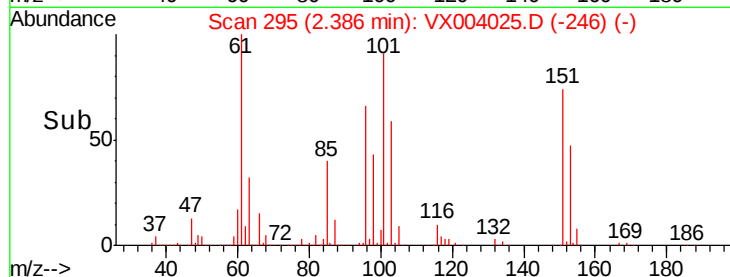
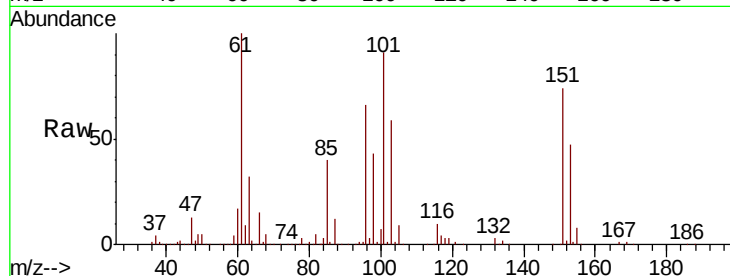
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	173674
Ion Ratio	Lower	Upper	
101	100		
85	42.6	34.2	51.4
151	81.2	65.0	97.4

Manual Integrations
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#10

Methyl Iodide

Concen: 40.28 ug/l

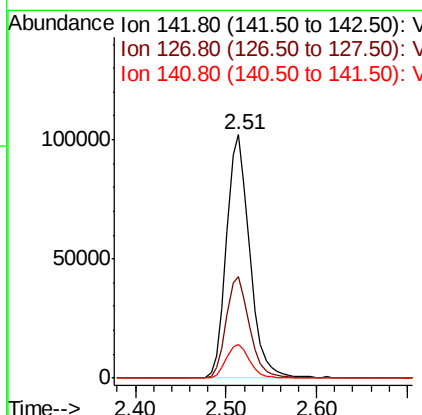
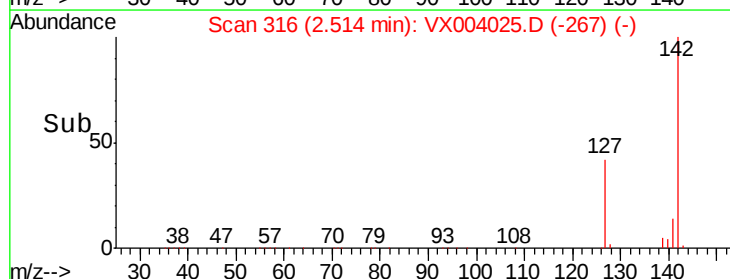
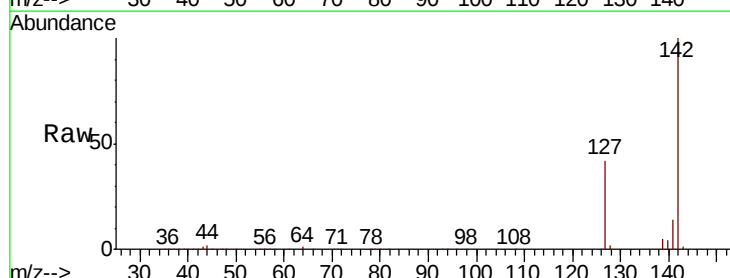
RT: 2.51 min Scan# 316

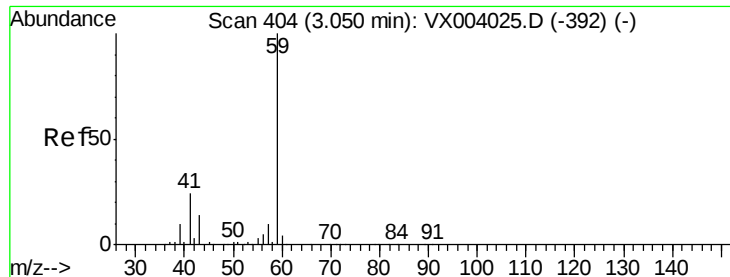
Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Tgt Ion:	142	Resp:	181509
Ion Ratio	Lower	Upper	
142	100		
127	42.1	33.1	49.7
141	14.1	11.1	16.7





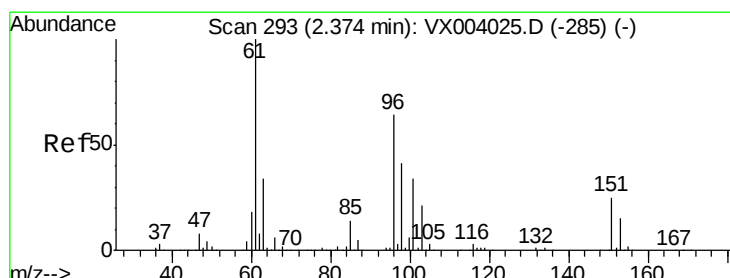
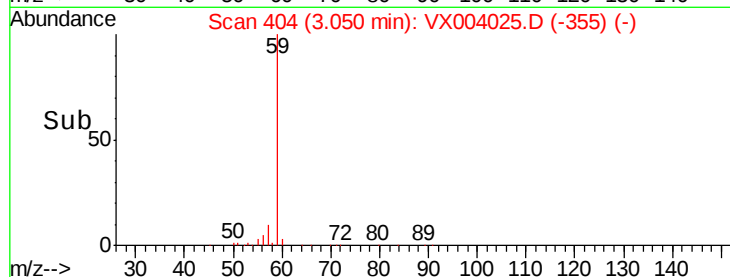
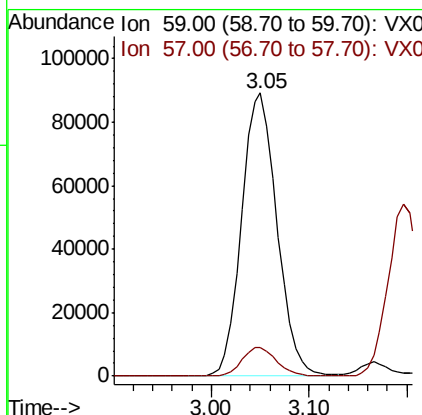
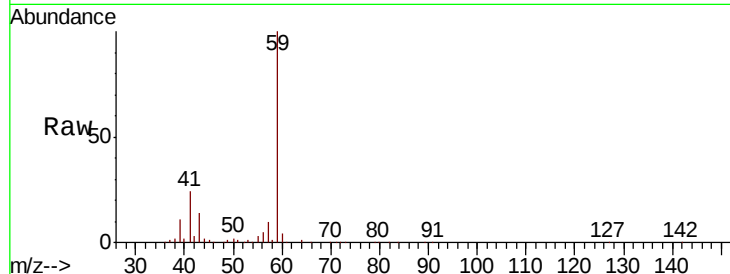
#11
Tert butyl alcohol
Concen: 220.64 ug/l
RT: 3.05 min Scan# 404
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	59	Resp	224341
Ion Ratio	100	Lower	Upper
57	10.1	8.1	12.1

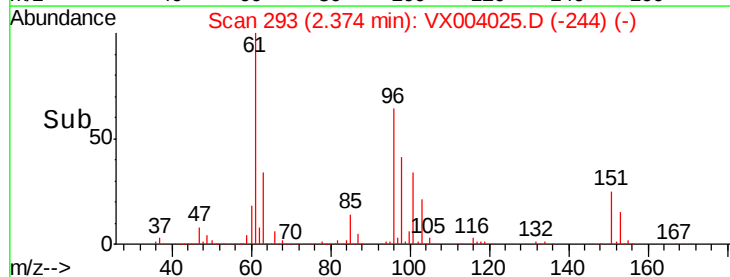
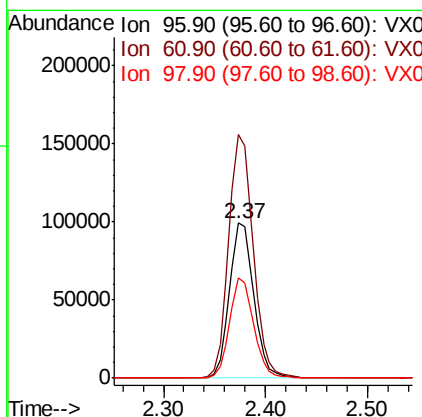
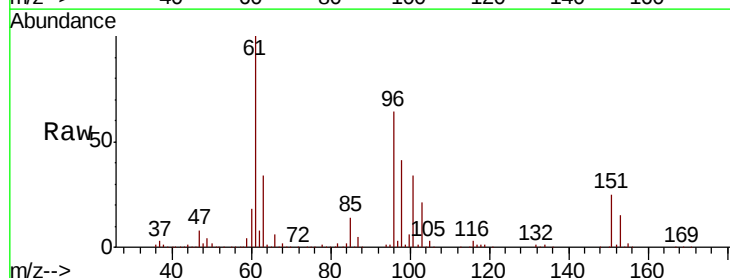
Manual Integrations
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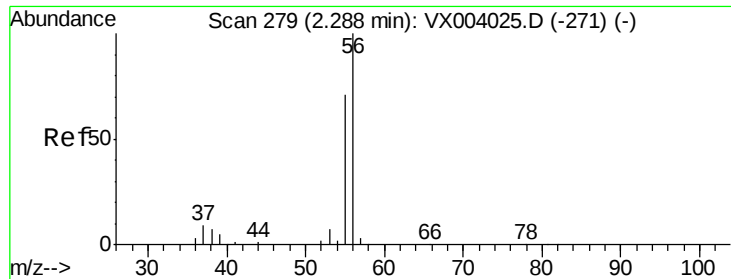
MMDadoda
8/15/2018 4:49:52 PM



#12
1,1-Dichloroethene
Concen: 47.73 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Tgt Ion	96	Resp	163515
Ion Ratio	100	Lower	Upper
61	157.1	131.3	196.9
98	64.7	51.8	77.6





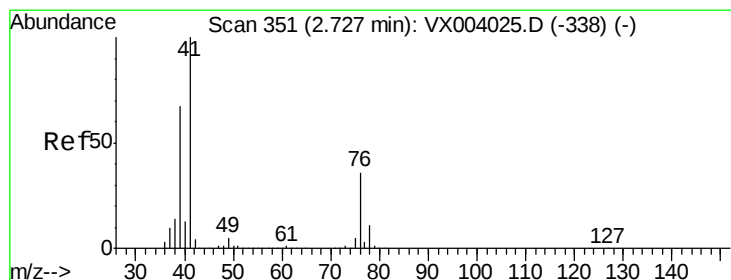
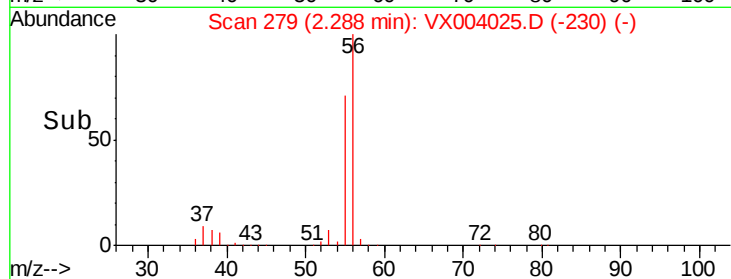
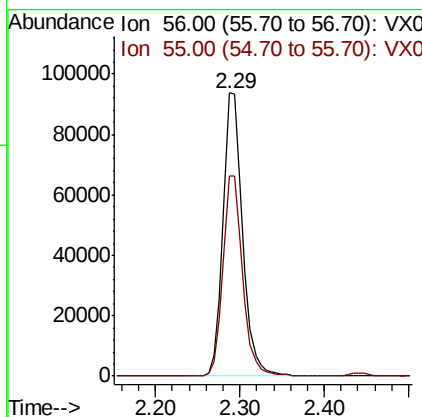
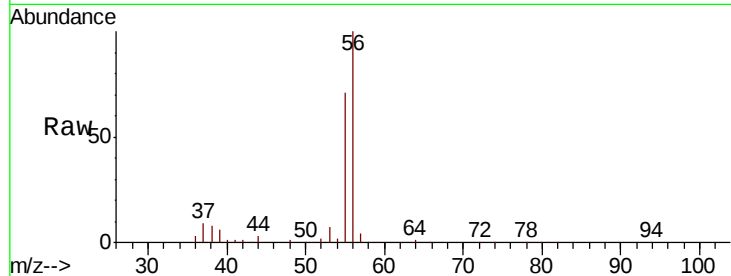
#13
Acrolein
Concen: 271.04 ug/l
RT: 2.29 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	56	55	Ratio	Lower	Upper
151903	100	70.7		56.1	84.1

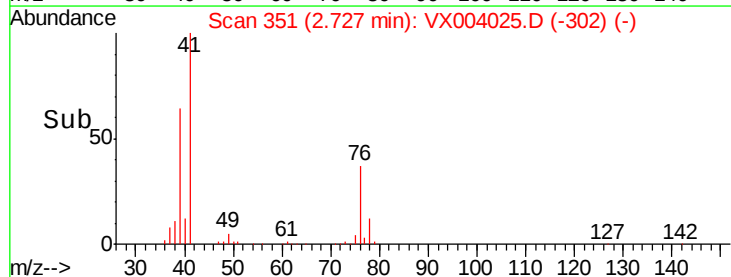
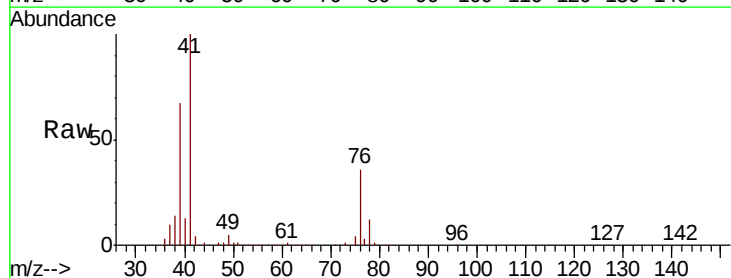
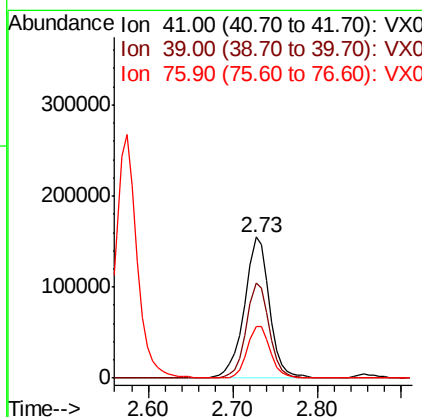
Manual Integrations
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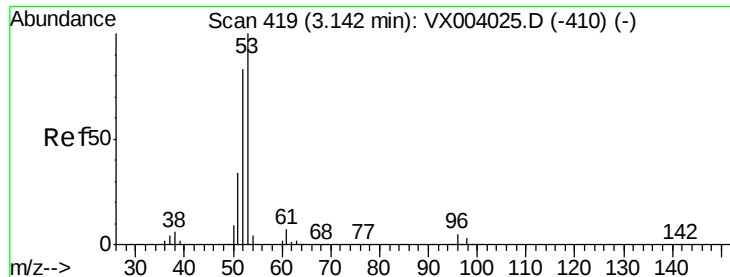
MMDadoda
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#14
Allyl chloride
Concen: 46.61 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Tgt Ion	41	39	76	Ratio	Lower	Upper
307846	100	62.1	33.4		47.4	71.0





#15

Acrylonitrile

Concen: 225.29 ug/l

RT: 3.14 min Scan# 419

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

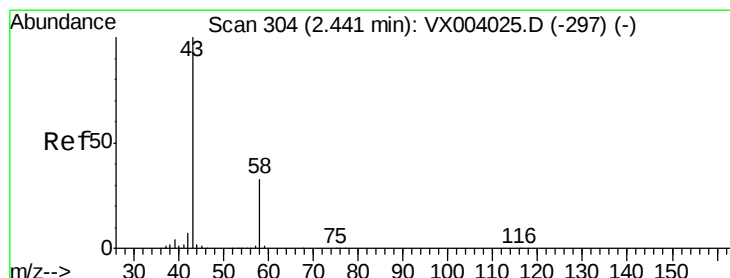
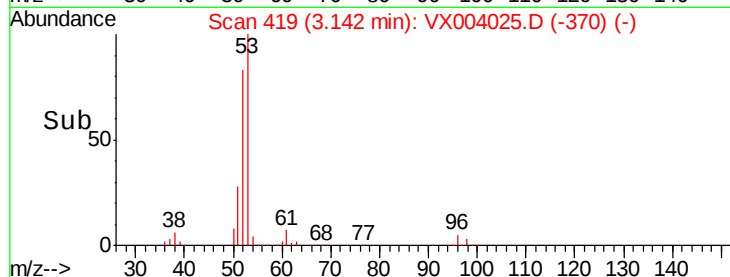
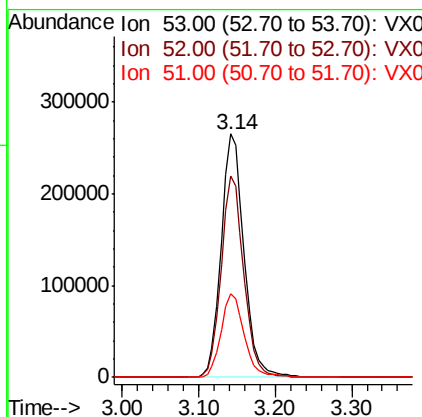
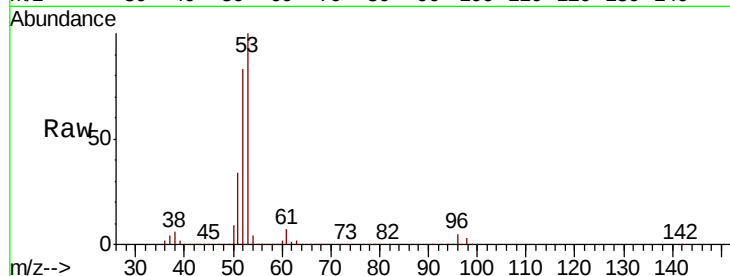
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	546580
Ion Ratio	Lower	Upper	
53	100		
52	82.1	65.3	97.9
51	35.0	27.9	41.9

Manual Integrations
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#16

Acetone

Concen: 221.47 ug/l

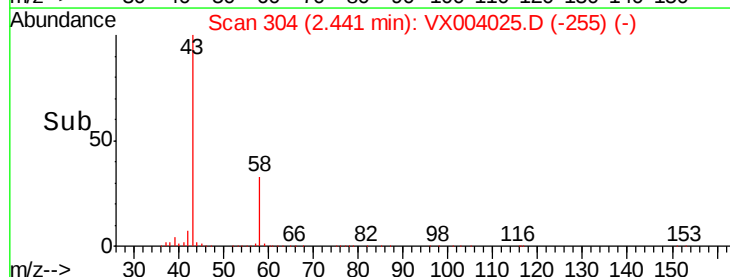
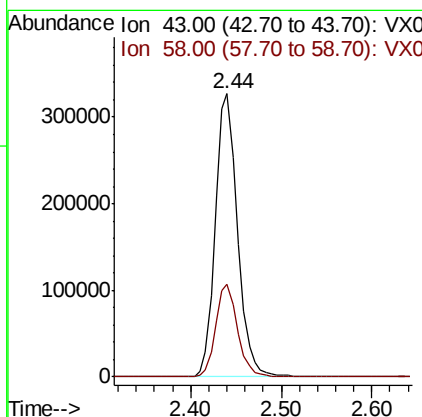
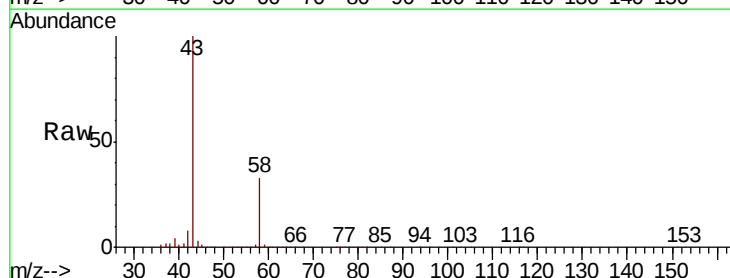
RT: 2.44 min Scan# 304

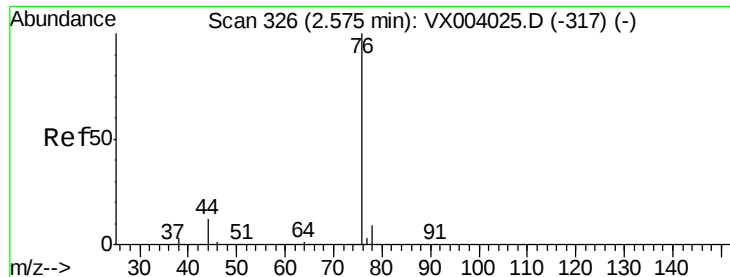
Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Tgt Ion:	43	Resp:	557509
Ion Ratio	Lower	Upper	
43	100		
58	32.6	26.4	39.6





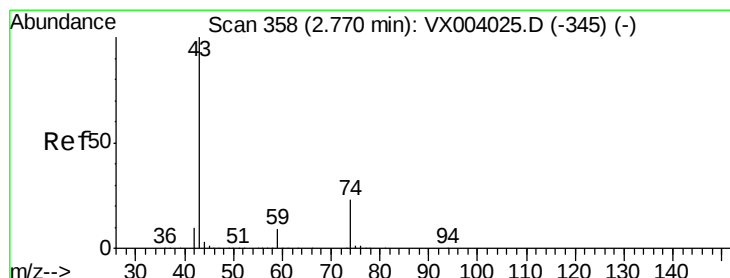
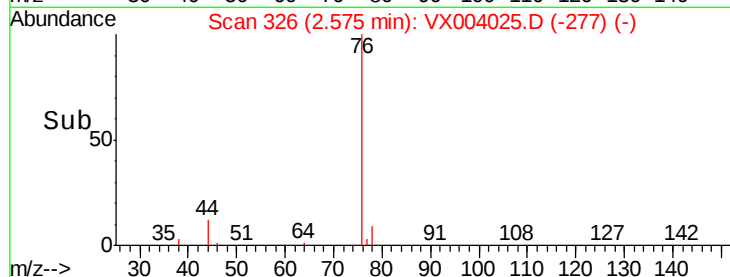
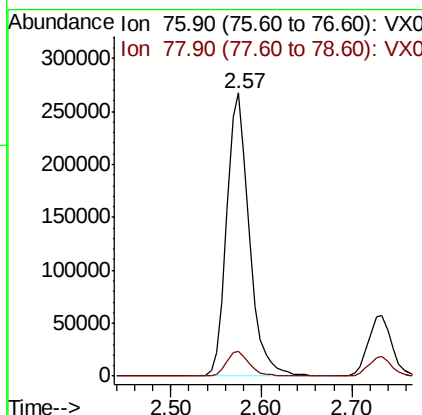
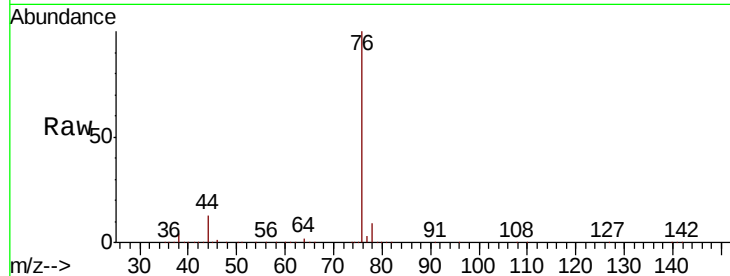
#17
Carbon Disulfide
Concen: 44.10 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.5	11.3

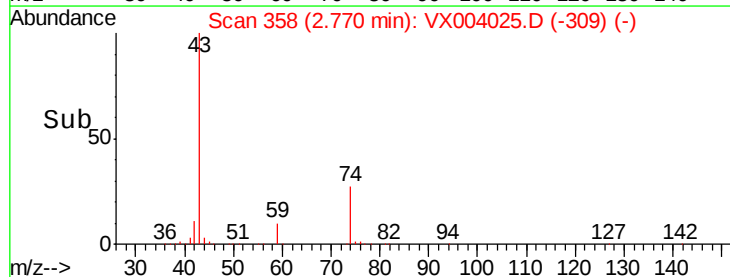
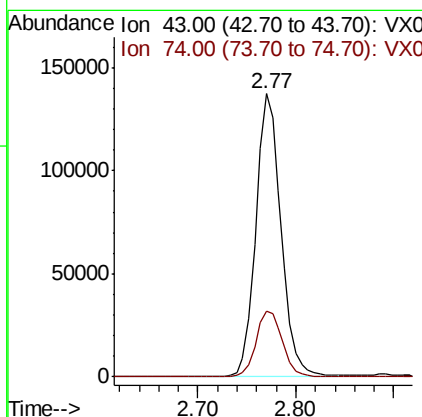
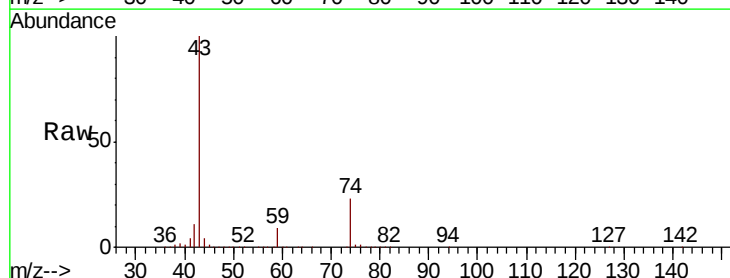
Manual Integrations
APPROVED

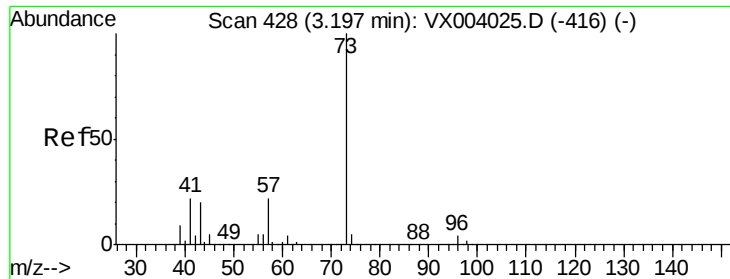
MMDadoda
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#18
Methyl Acetate
Concen: 44.85 ug/l
RT: 2.77 min Scan# 358
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.7	18.9	28.3





#19

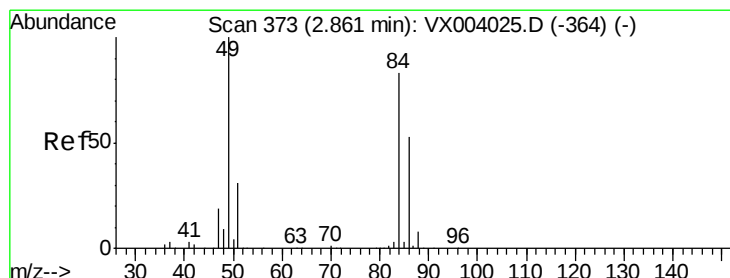
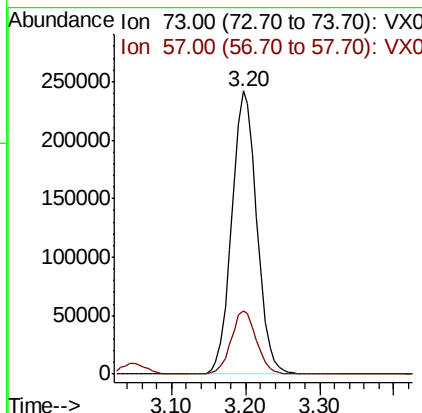
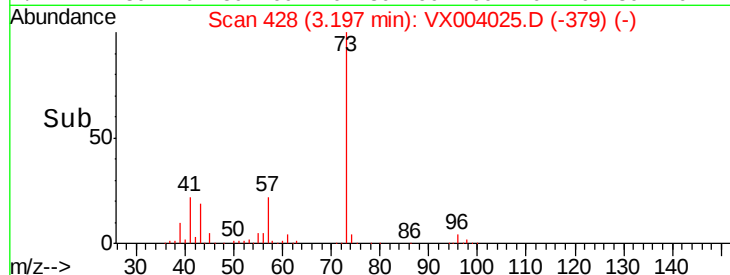
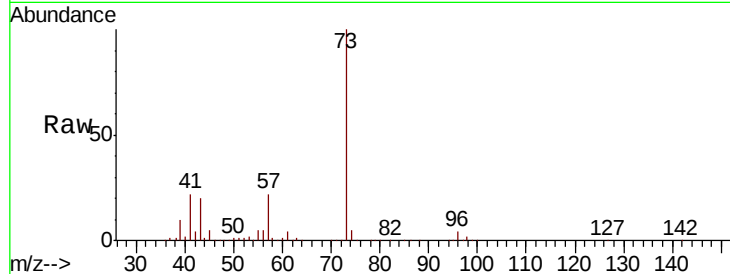
Methyl tert-butyl Ether
 Concen: 47.00 ug/l
 RT: 3.20 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	18.0	27.0

Manual Integrations
 APPROVED

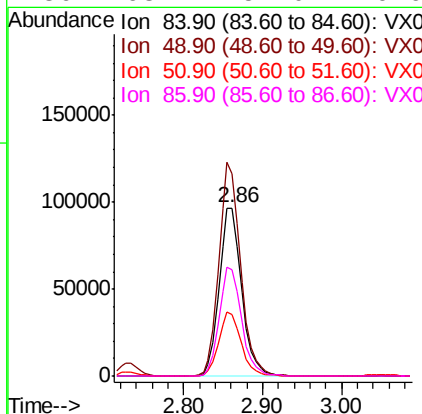
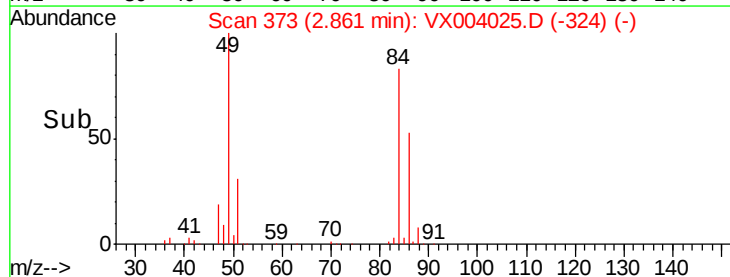
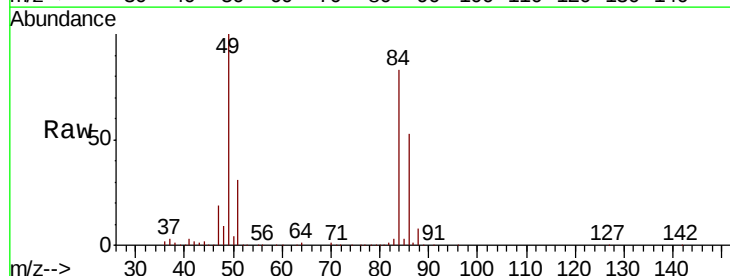
MMDadoda
 8/15/2018 4:49:52 PM

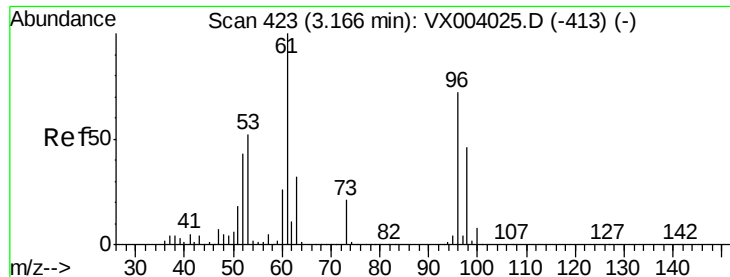


#20

Methylene Chloride
 Concen: 31.38 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.9	98.9	148.3
51	36.6	29.9	44.9
86	63.4	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 46.89 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

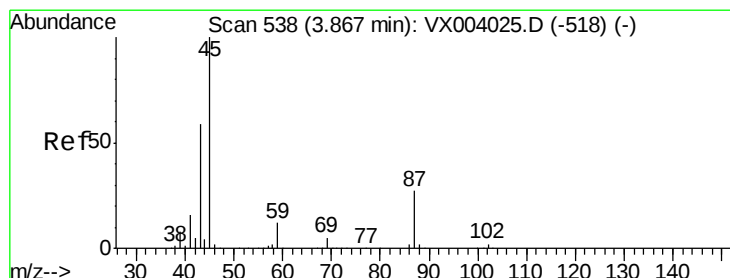
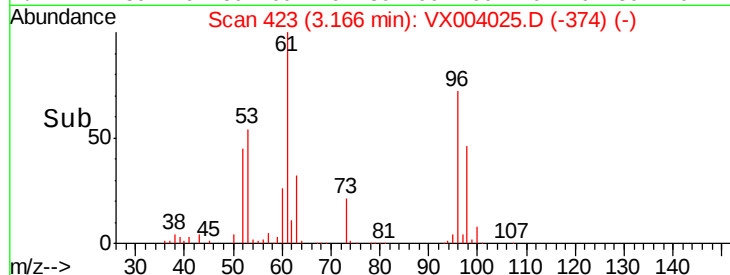
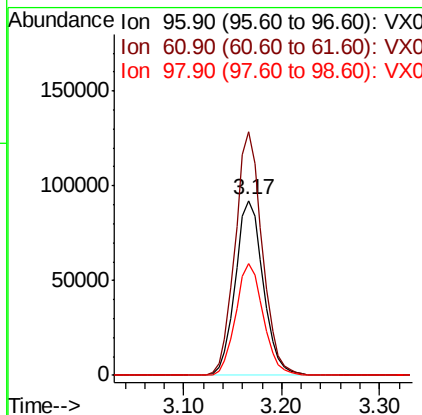
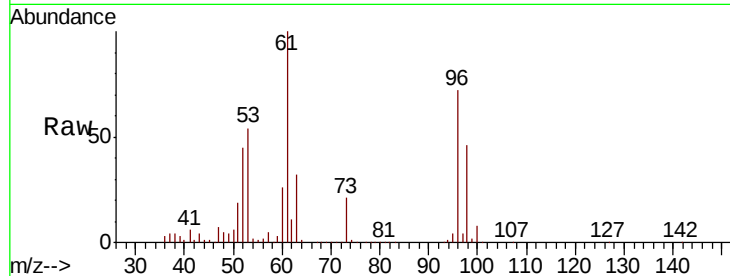
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	182364
Ion	Ratio	Lower	Upper
96	100		
61	139.2	111.8	167.6
98	64.1	51.8	77.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.37 ug/l

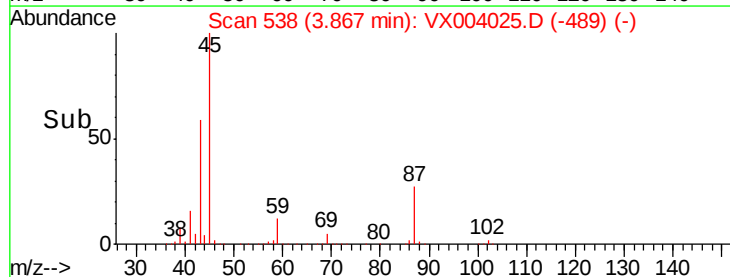
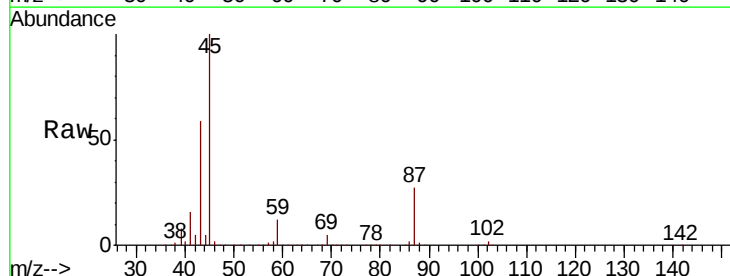
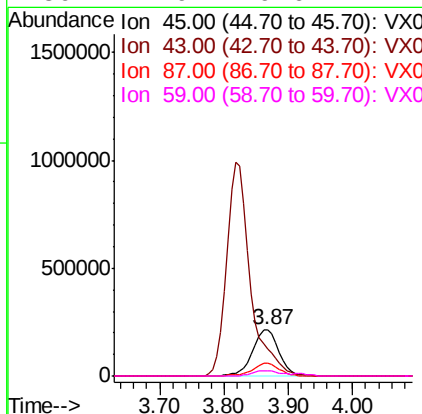
RT: 3.87 min Scan# 538

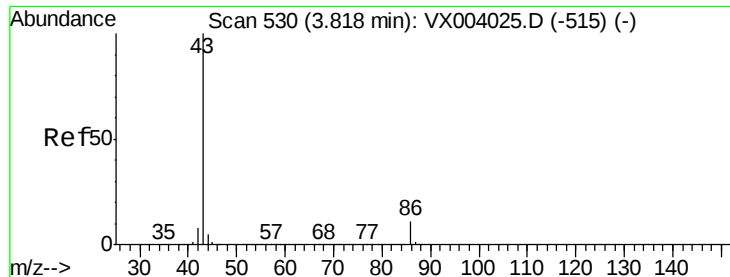
Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Tgt Ion:	45	Resp:	599286
Ion	Ratio	Lower	Upper
45	100		
43	58.6	45.3	67.9
87	27.2	22.7	34.1
59	11.9	9.6	14.4





#23

Vinyl Acetate

Concen: 255.54 ug/l

RT: 3.82 min Scan# 530

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 2581218

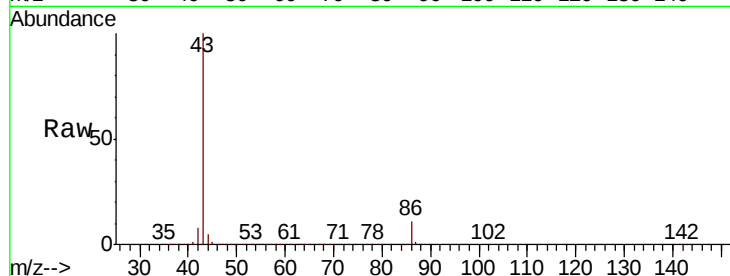
Ion Ratio Lower Upper

43 100

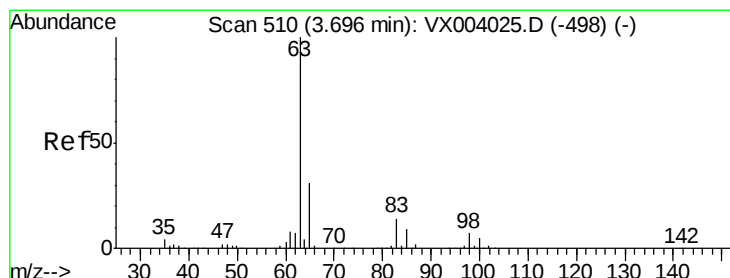
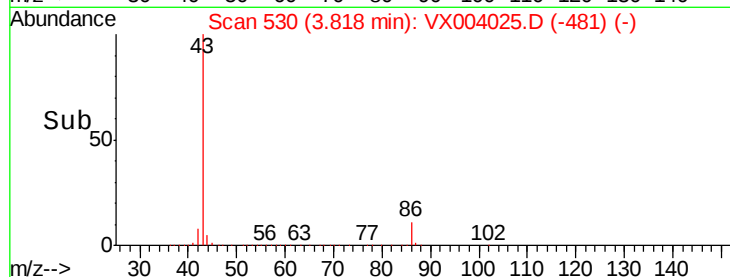
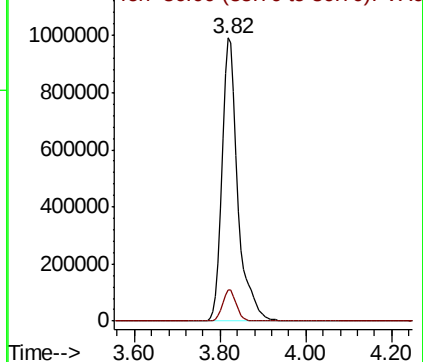
86 11.0 8.9 13.3

Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.16 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

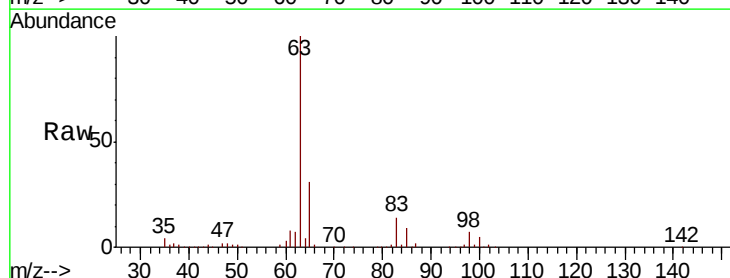
Tgt Ion: 63 Resp: 340062

Ion Ratio Lower Upper

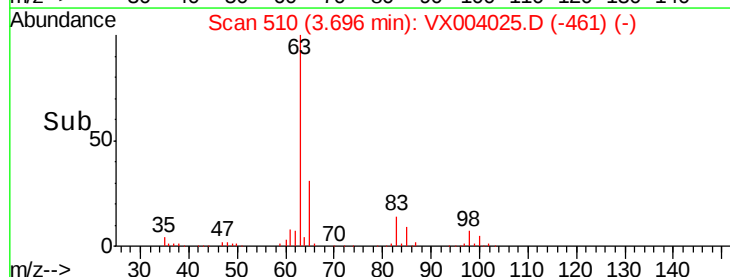
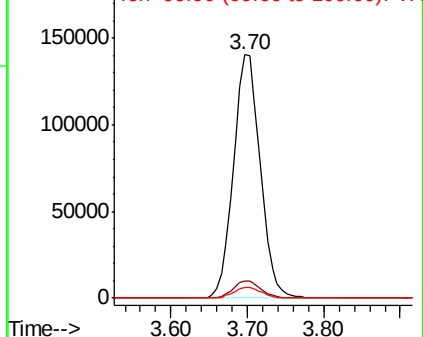
63 100

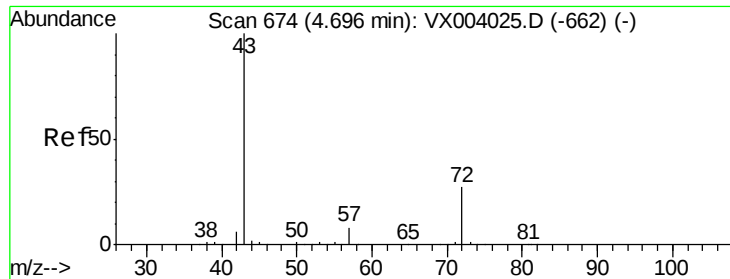
98 7.0 3.5 10.5

100 4.5 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 244.47 ug/l

RT: 4.70 min Scan# 674

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 925246

Ion Ratio Lower Upper

43 100

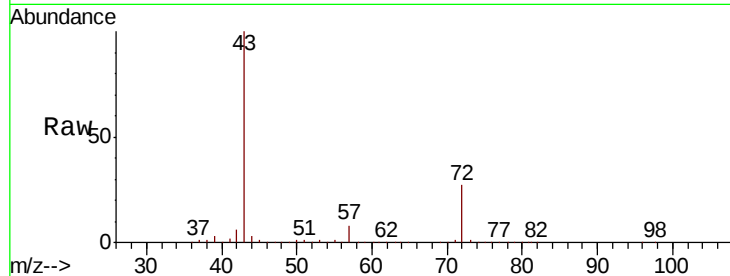
72 26.8 21.4 32.0

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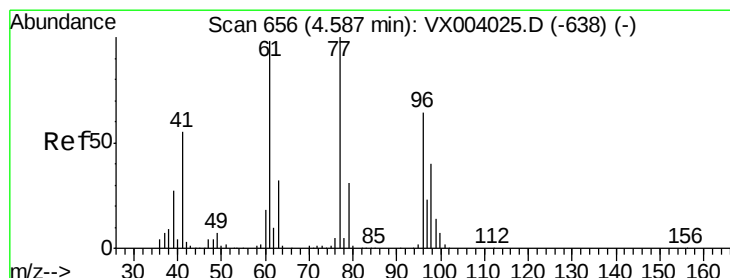
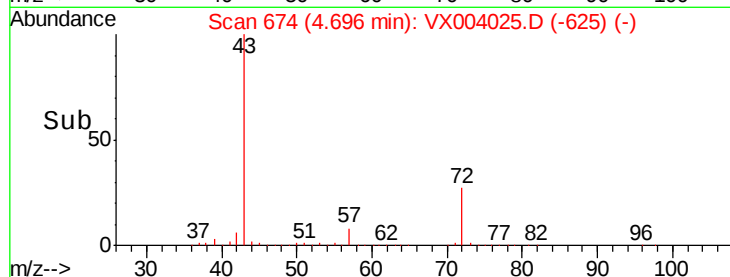
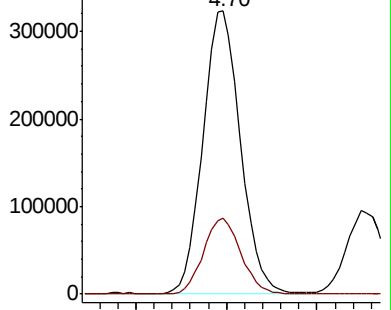
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 51.69 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX004025.D

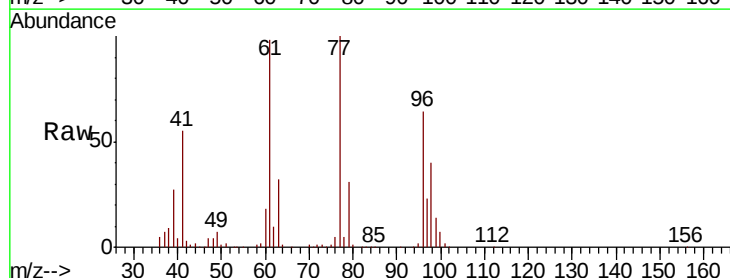
Acq: 14 Aug 2018 12:01

Tgt Ion: 77 Resp: 268815

Ion Ratio Lower Upper

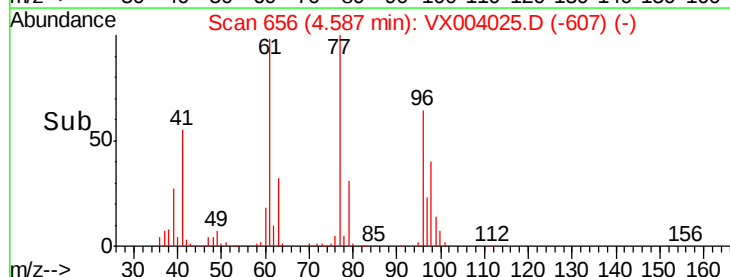
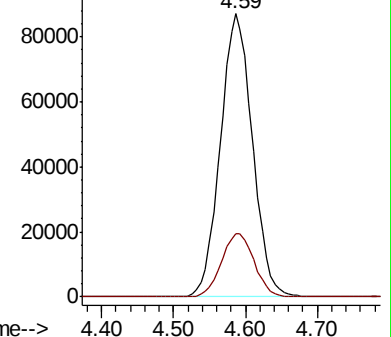
77 100

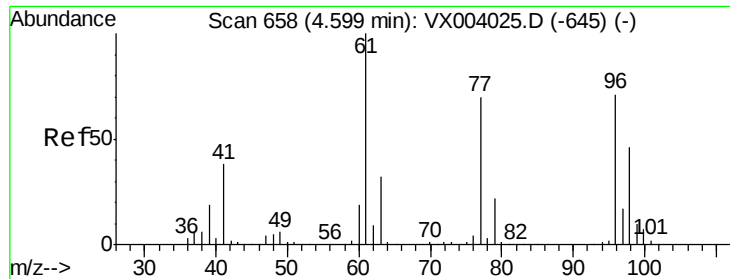
97 22.9 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

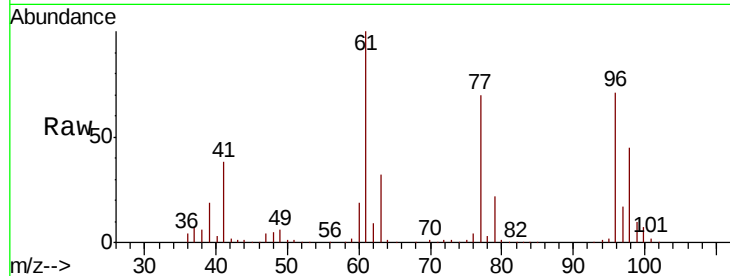
cis-1,2-Dichloroethene
Concen: 48.57 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

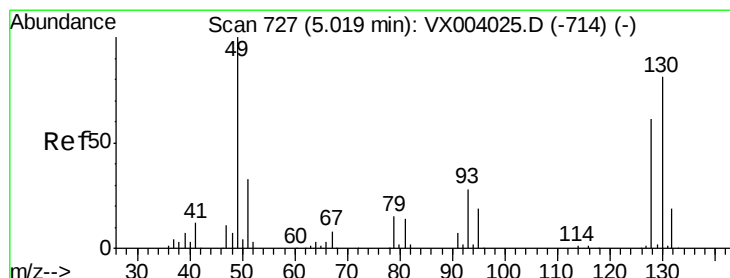
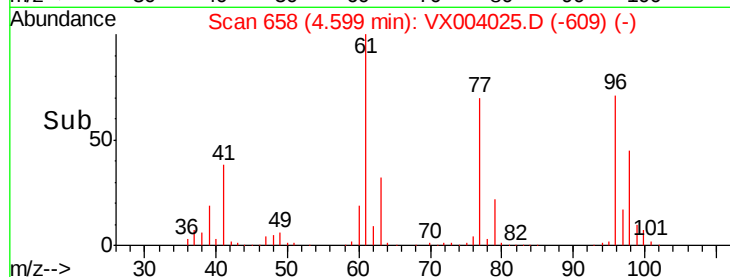
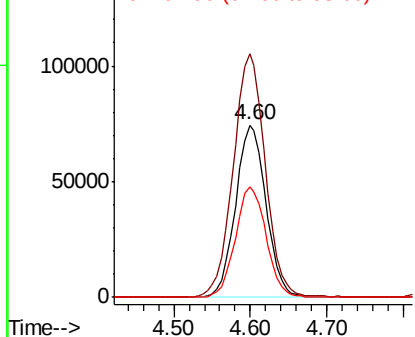
Tot Ion	Ratio	Resp	Lower	Upper
96	100	204985		
61	148.8	0.0	293.0	
98	64.6	0.0	131.8	

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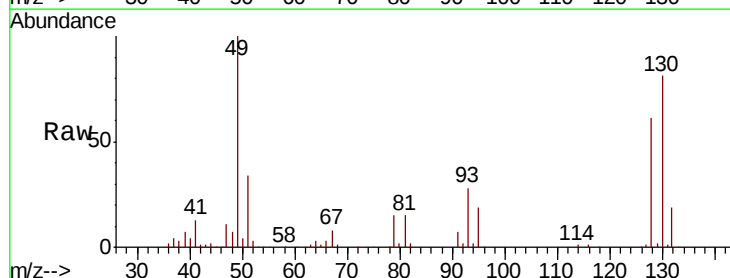
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



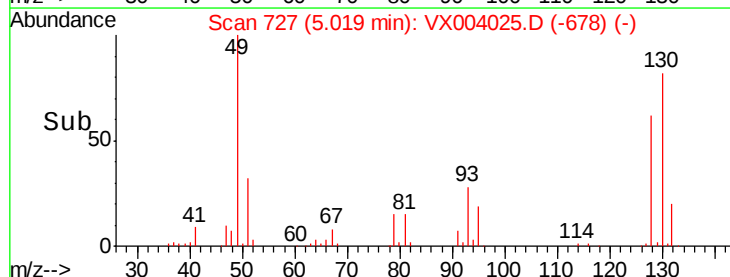
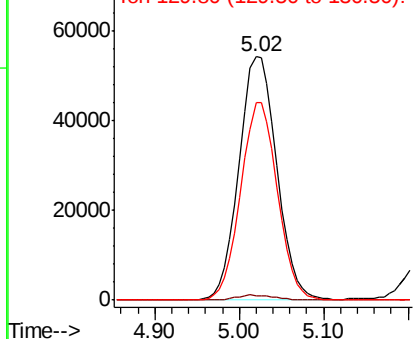
#28

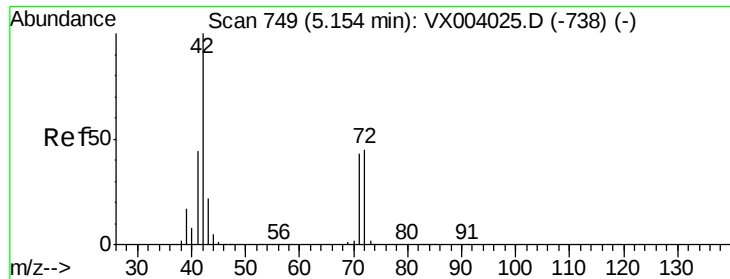
Bromochloromethane
Concen: 53.58 ug/l
RT: 5.02 min Scan# 727
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	165351		
129	2.0	0.0	4.2	
130	78.7	66.5	99.7	



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





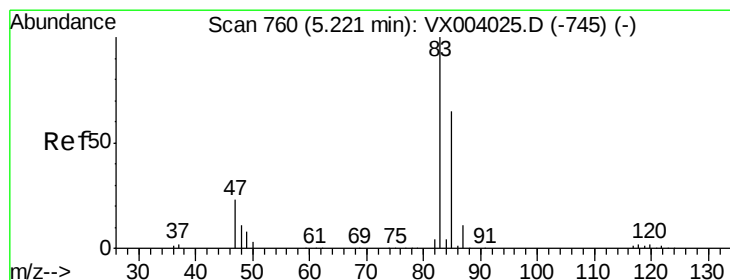
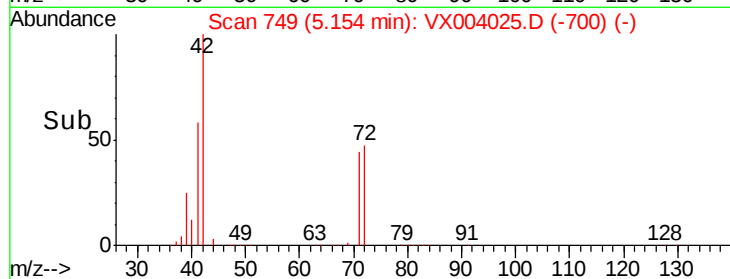
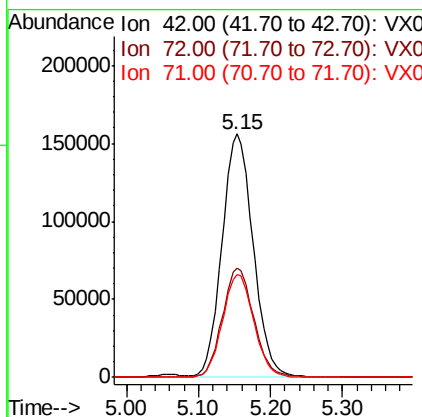
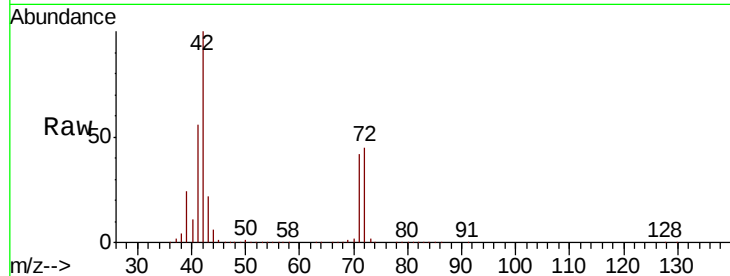
#29
Tetrahydrofuran
Concen: 240.39 ug/l
RT: 5.15 min Scan# 749
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	37.7	56.5
71	42.6	35.0	52.6

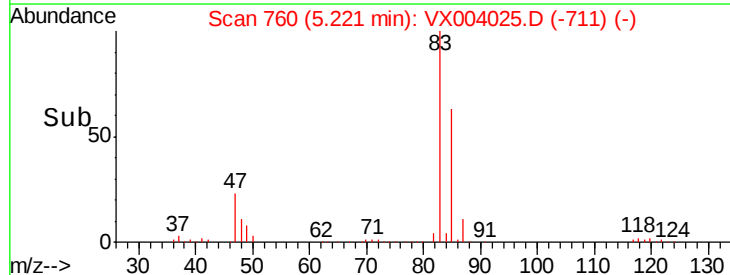
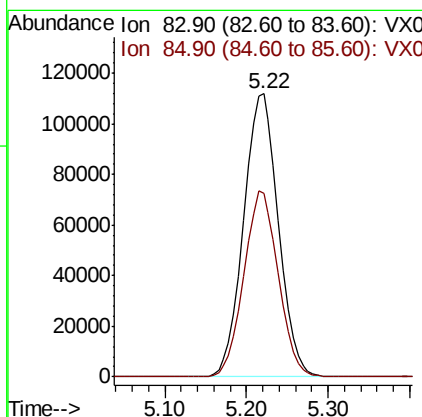
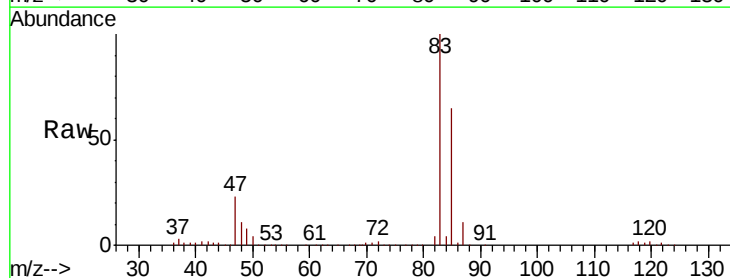
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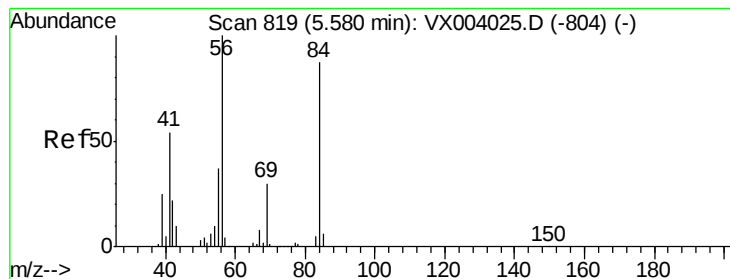
MMDadoda
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#30
Chloroform
Concen: 48.94 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.7	76.1





#31

Cyclohexane

Concen: 48.58 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

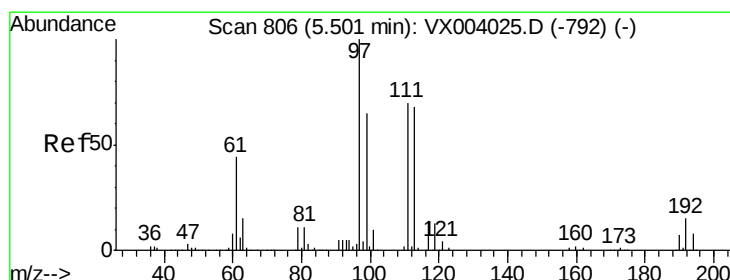
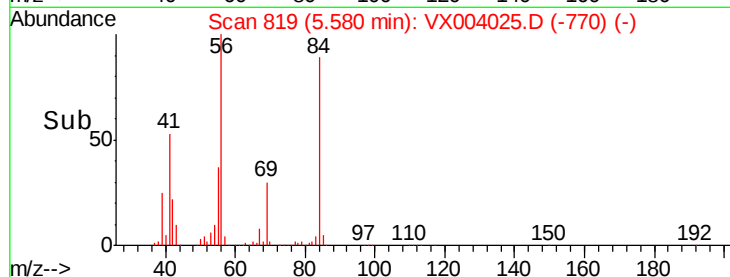
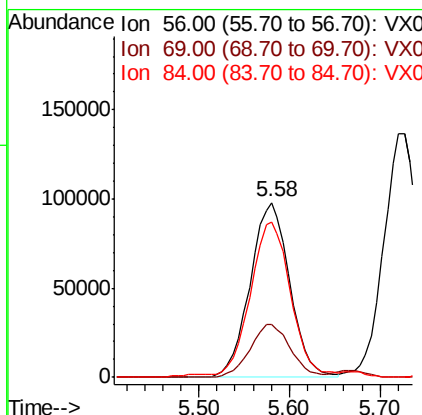
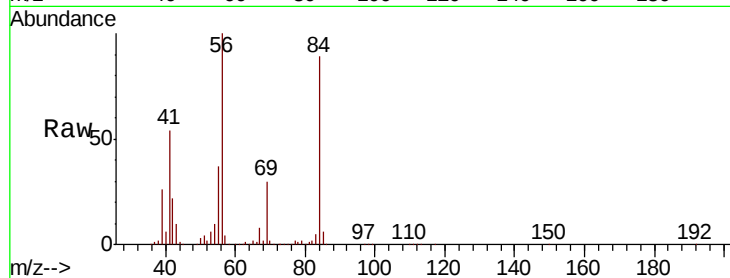
ClientSampleId :

VSTDICCC050

Tot Ion:	56	Resp:	296284
Ion	Ratio	Lower	Upper
56	100		
69	30.0	24.9	37.3
84	87.0	71.7	107.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.84 ug/l

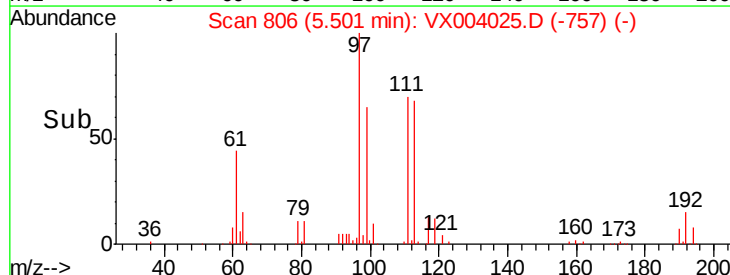
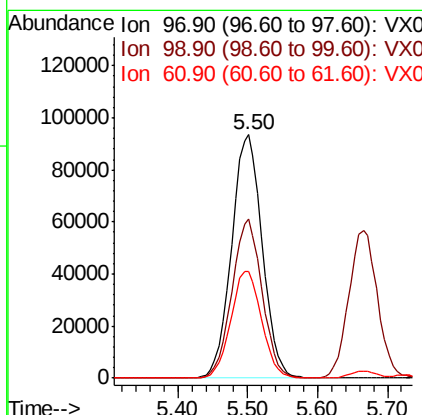
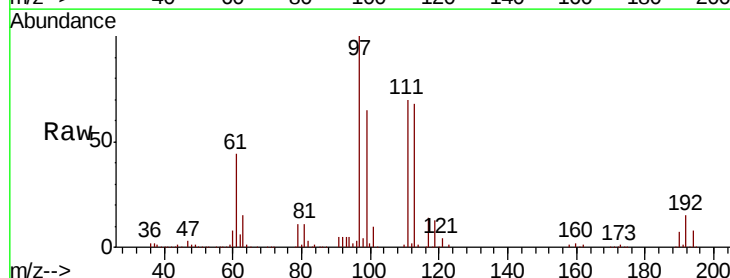
RT: 5.50 min Scan# 806

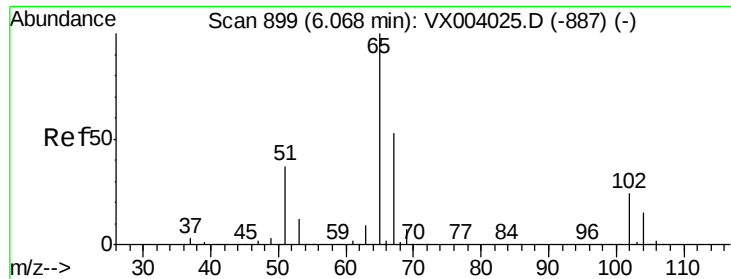
Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Tgt Ion:	97	Resp:	283746
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.8	77.8
61	44.4	34.4	51.6





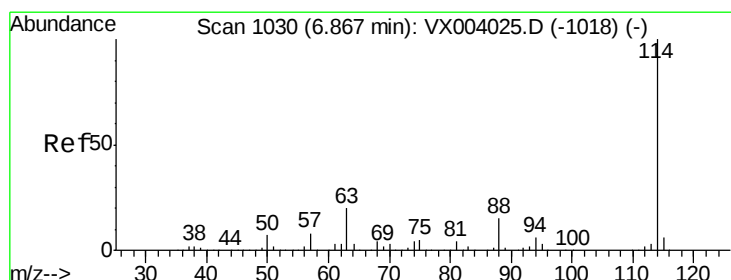
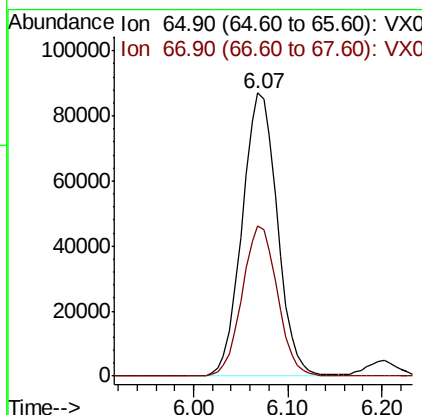
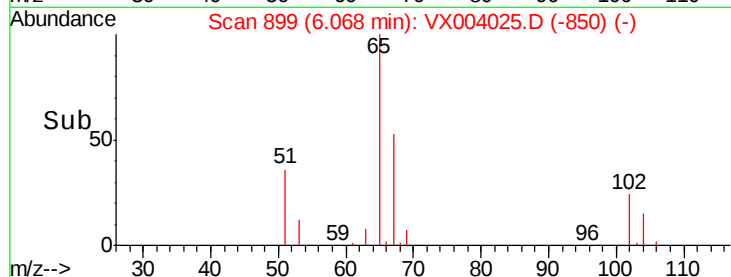
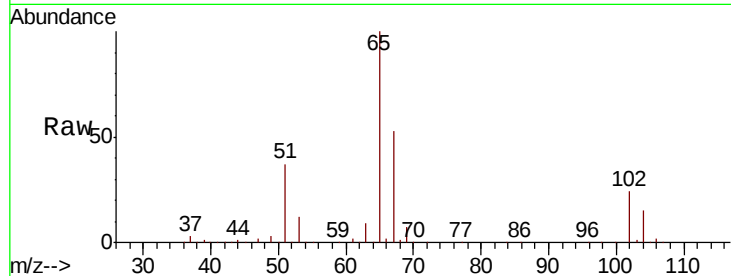
#33
 1,2-Dichloroethane-d4
 Concen: 53.48 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	226275		
67	53.1	0.0	105.8	

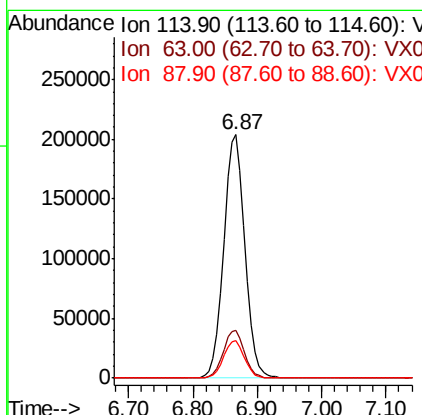
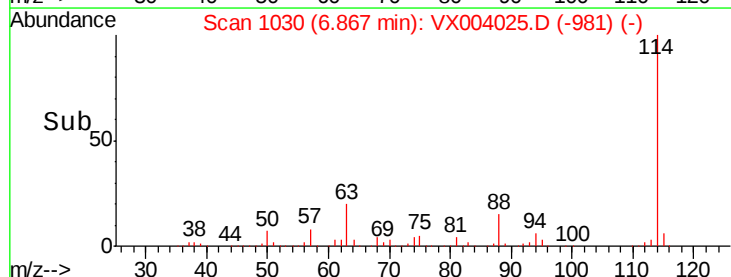
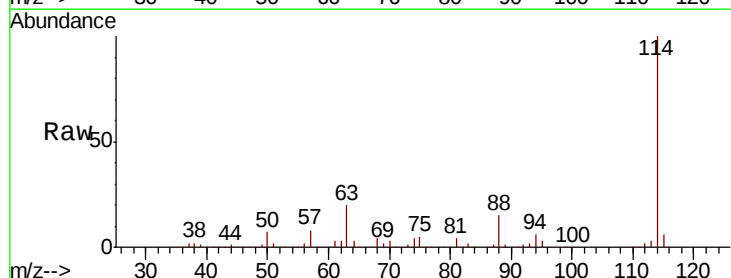
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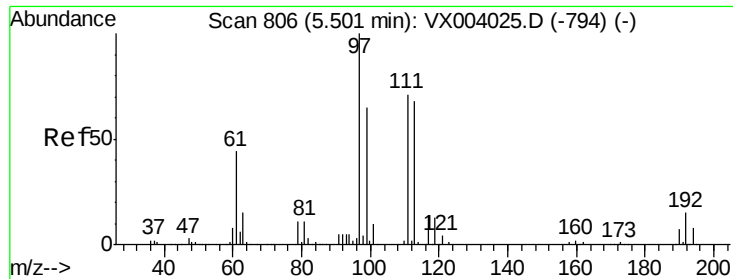
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	472260		
63	19.8	0.0	39.0	
88	15.2	0.0	32.0	





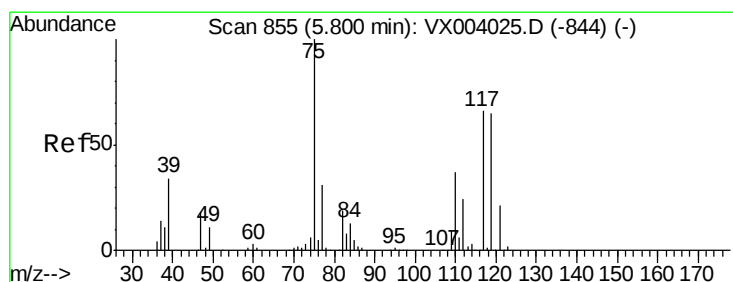
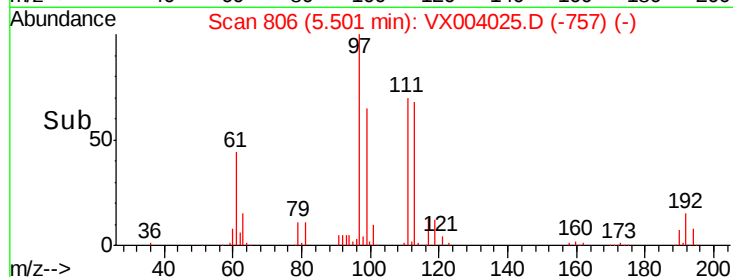
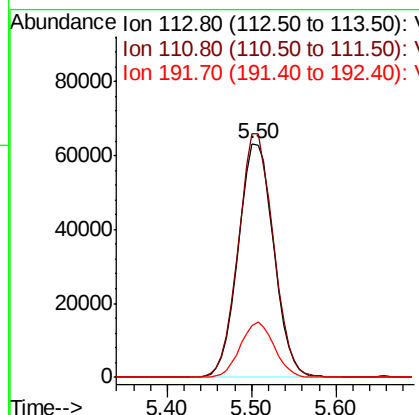
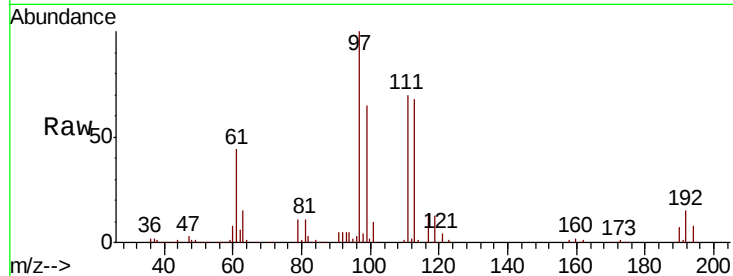
#35
 Dibromofluoromethane
 Concen: 50.31 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	180012		
111	102.9	82.0	123.0	
192	22.8	19.0	28.4	

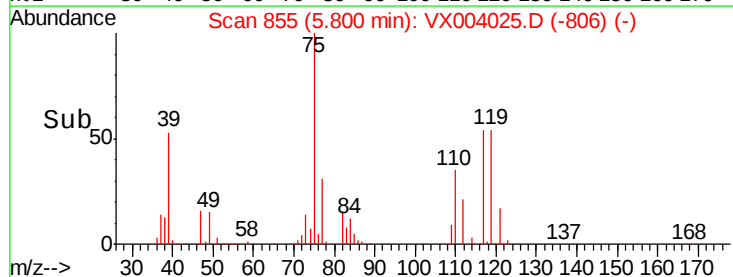
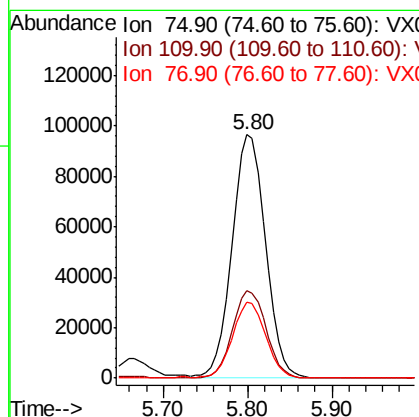
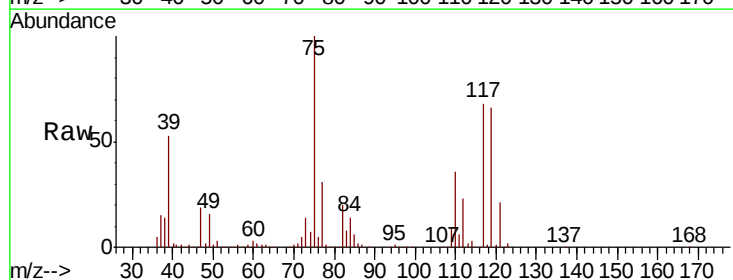
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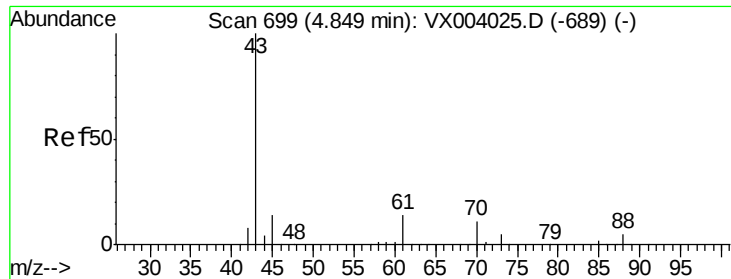
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#36
 1,1-Dichloropropene
 Concen: 48.90 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	258635		
110	36.2	18.2	54.6	
77	30.8	25.0	37.4	





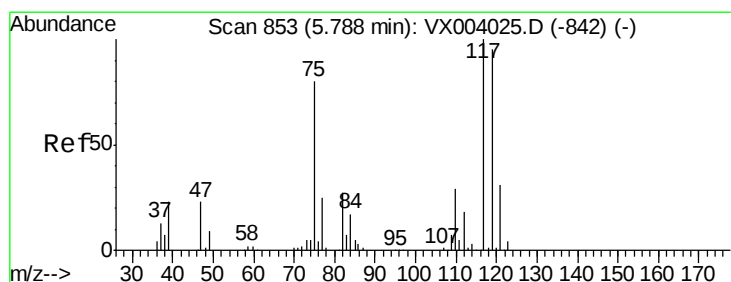
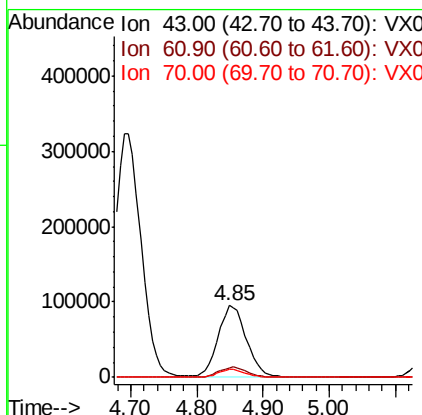
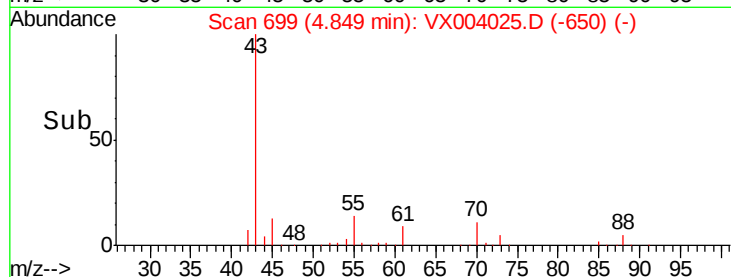
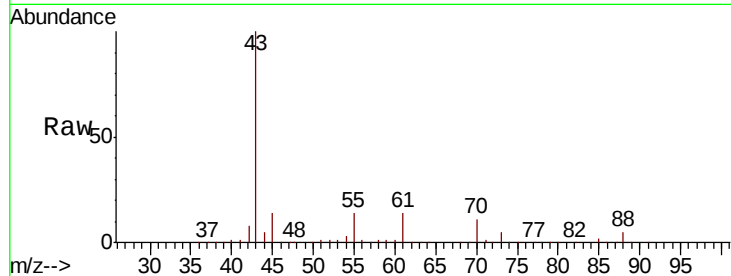
#37
Ethyl Acetate
Concen: 48.38 ug/l
RT: 4.85 min Scan# 699
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.5	17.3
70	11.0	9.0	13.4

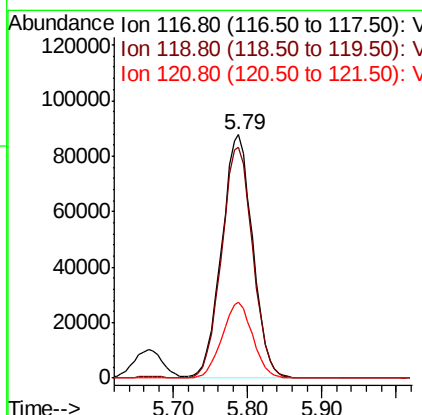
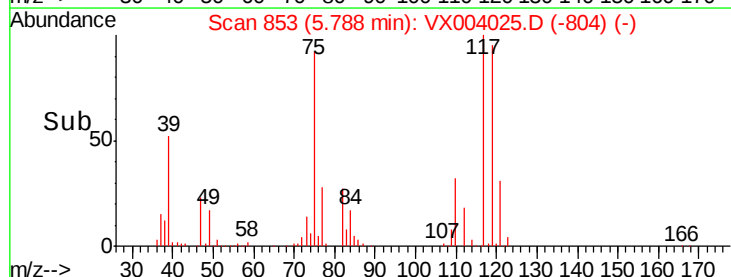
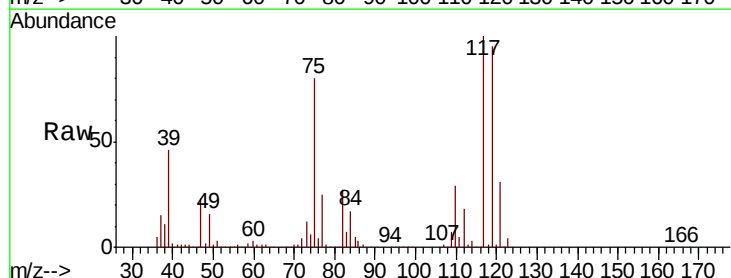
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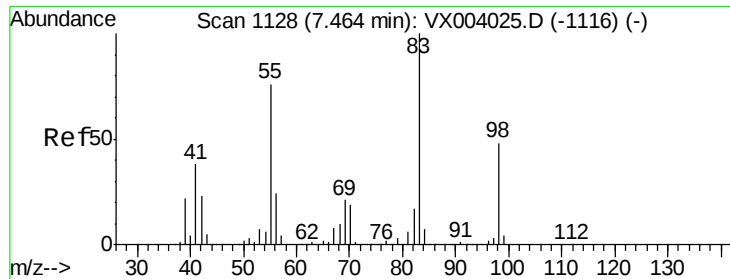
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#38
Carbon Tetrachloride
Concen: 50.48 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	79.5	119.3
121	31.1	25.0	37.4





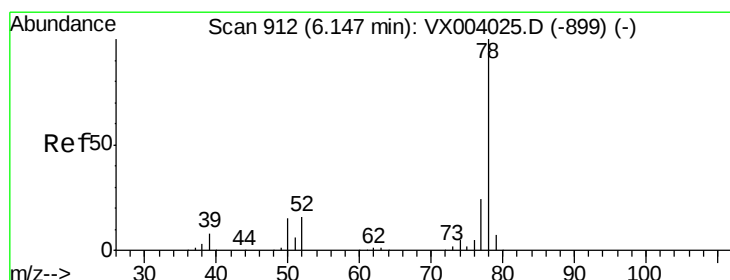
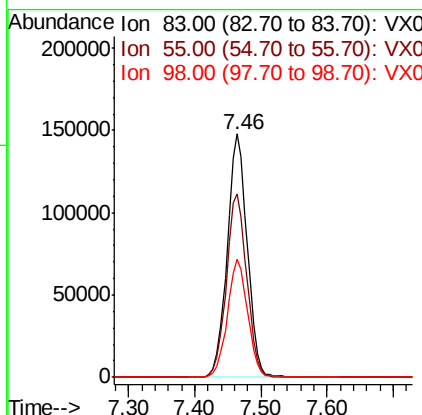
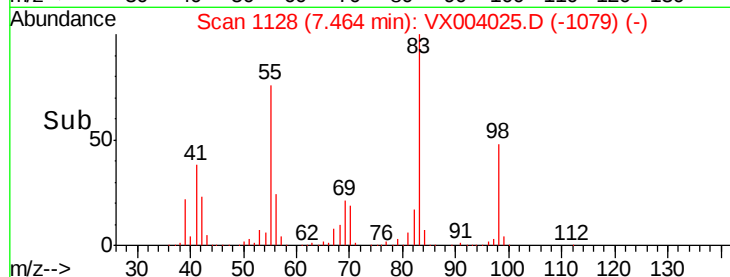
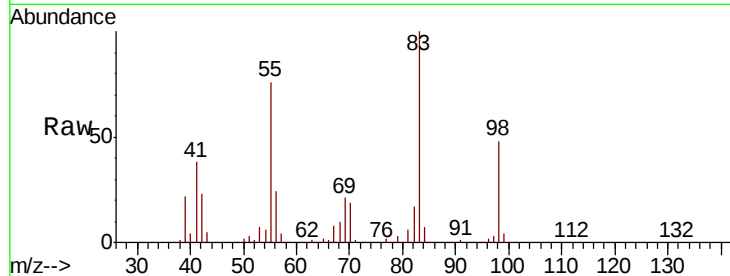
#39
Methvlcvclohexane
Concen: 49.69 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	75.6	61.0	91.6	
98	48.4	38.6	57.8	

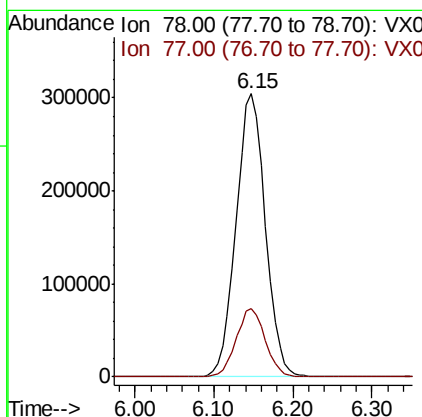
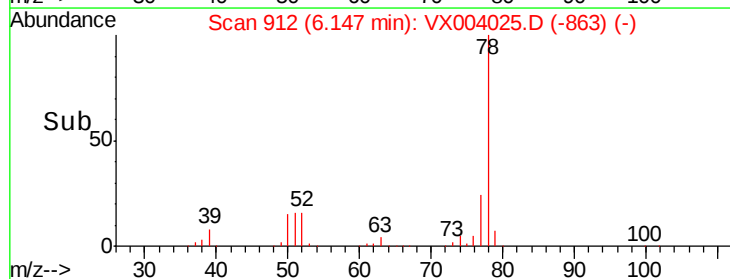
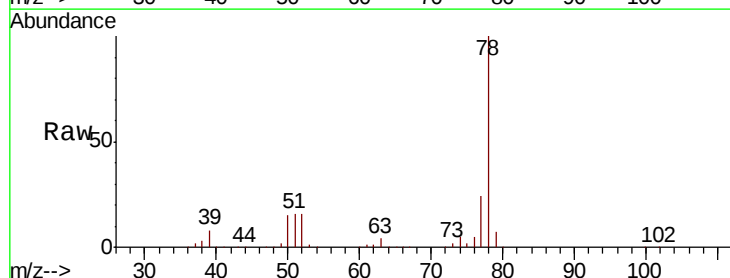
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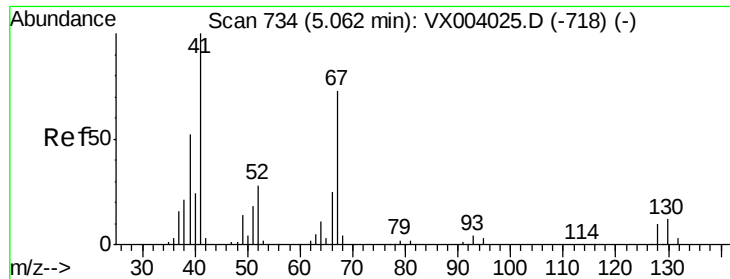
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#40
Benzene
Concen: 49.58 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.9	19.0	28.4	





#41

Methacrylonitrile

Concen: 48.24 ug/l

RT: 5.06 min Scan# 734

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 41 Resp: 154578

Ion Ratio Lower Upper

41 100

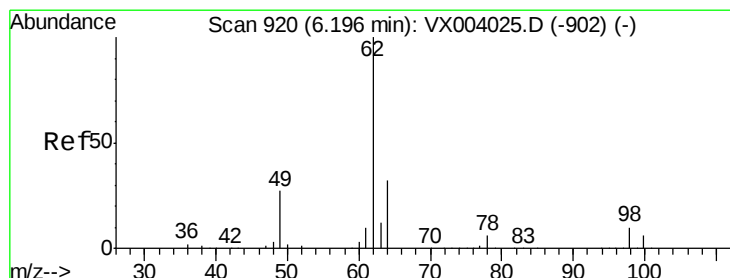
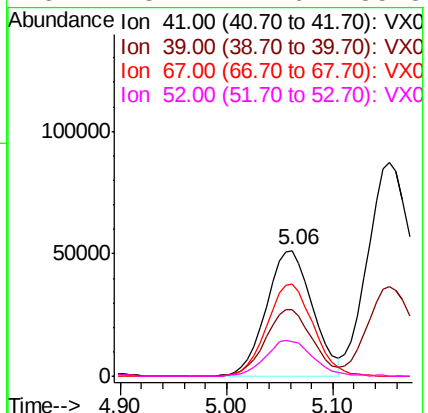
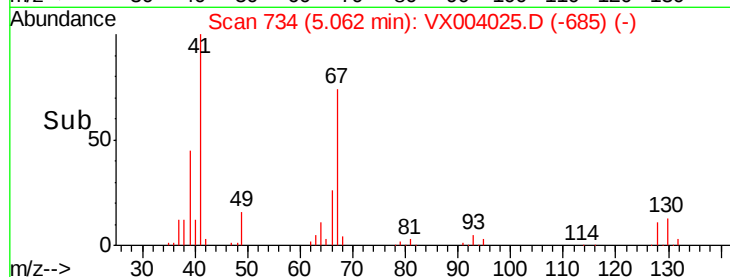
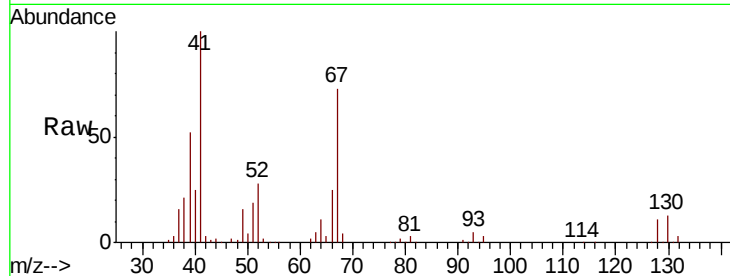
39 53.5 42.7 64.1

67 73.7 58.9 88.3

52 28.7 22.6 33.8

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 50.68 ug/l

RT: 6.20 min Scan# 920

Delta R.T. 0.00 min

Lab File: VX004025.D

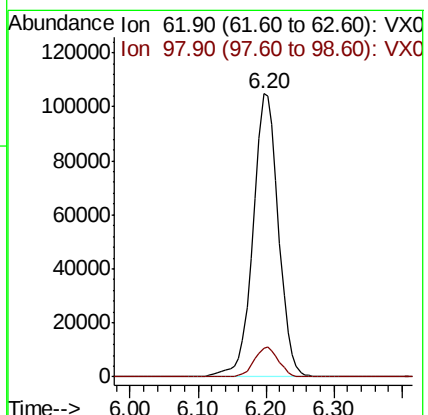
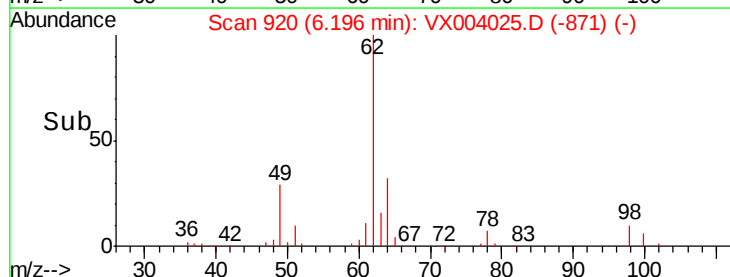
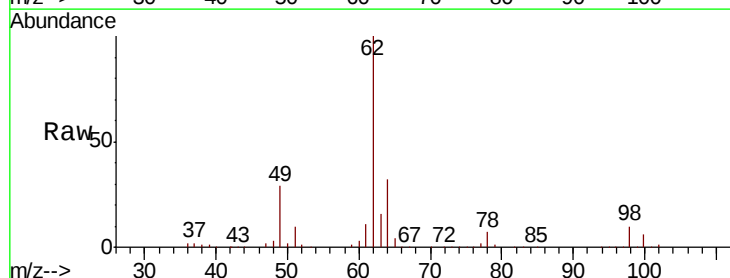
Acq: 14 Aug 2018 12:01

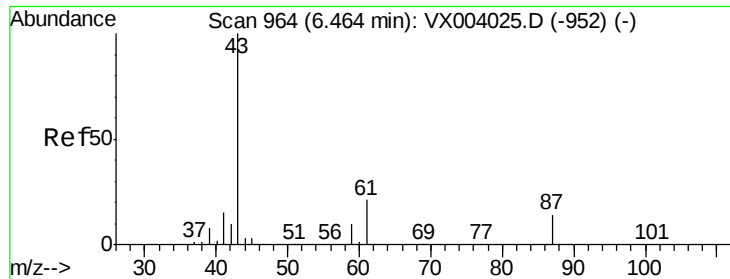
Tgt Ion: 62 Resp: 272175

Ion Ratio Lower Upper

62 100

98 10.2 0.0 20.4





#43

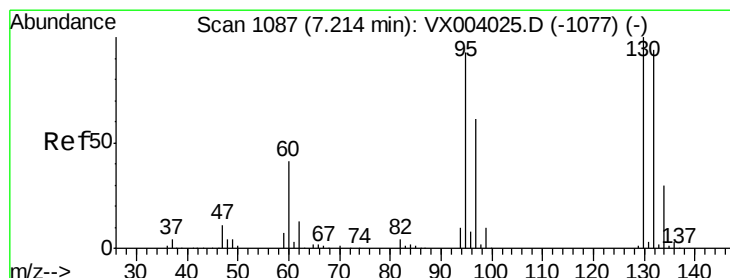
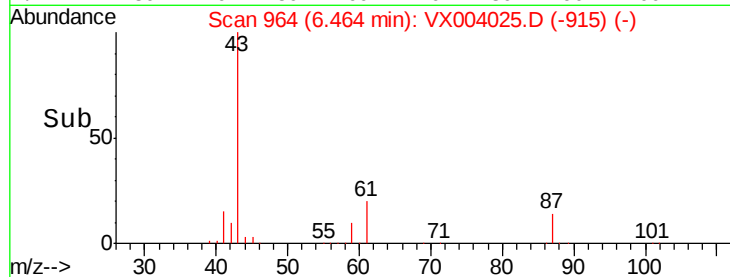
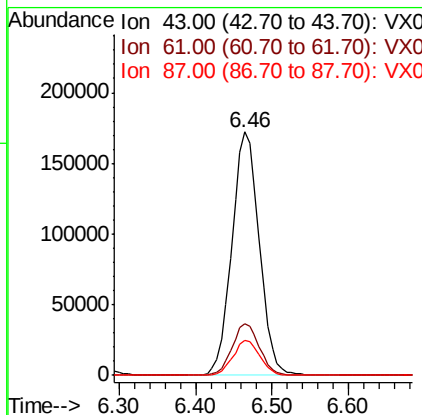
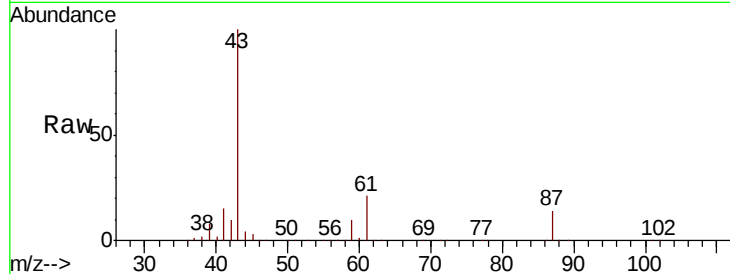
Isopropyl Acetate
 Concen: 48.58 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.2	16.9	25.3
87	14.2	11.3	16.9

Manual Integrations
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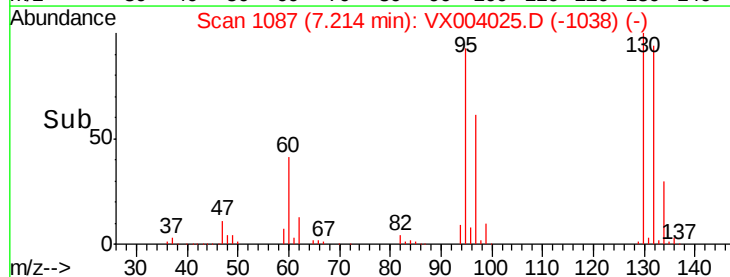
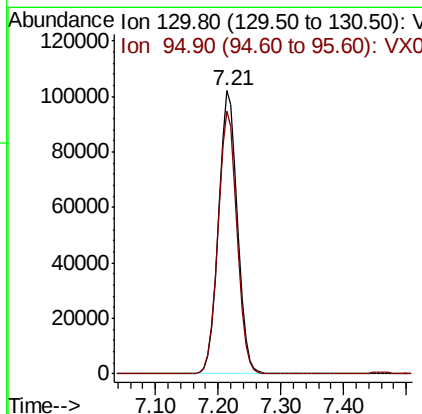
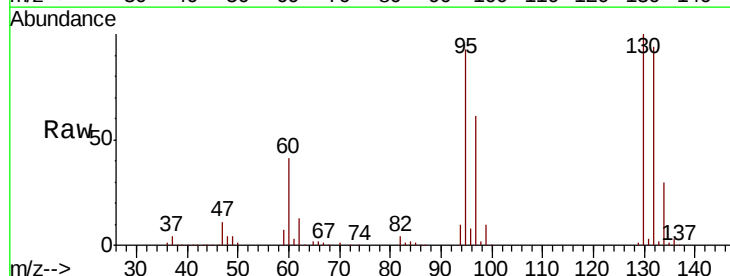
MMDadoda
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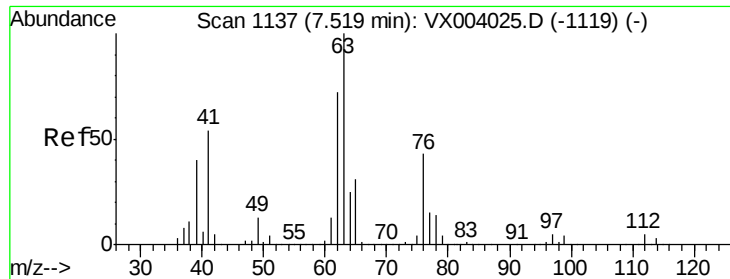


#44

Trichloroethene
 Concen: 48.85 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.7	0.0	199.4





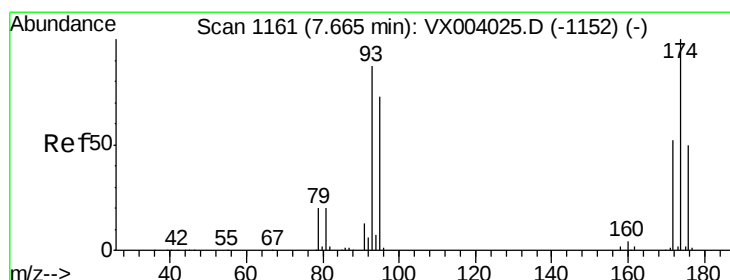
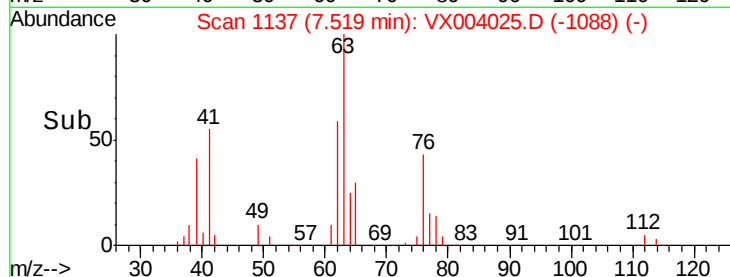
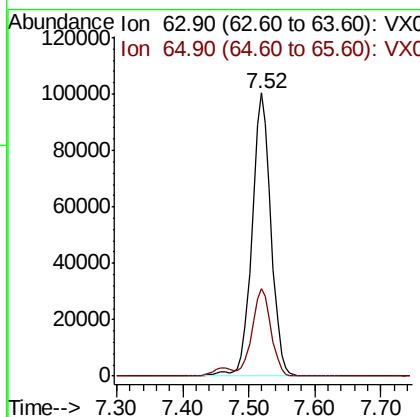
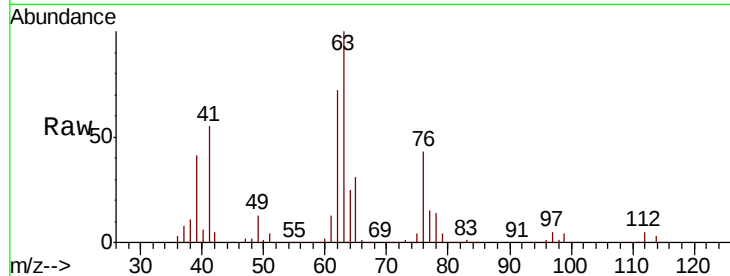
#45
 1,2-Dichloropropane
 Concen: 49.08 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.6	36.8

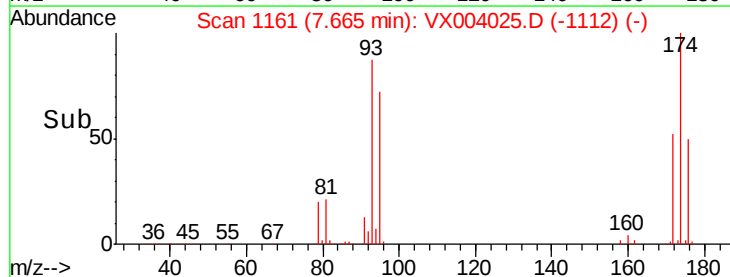
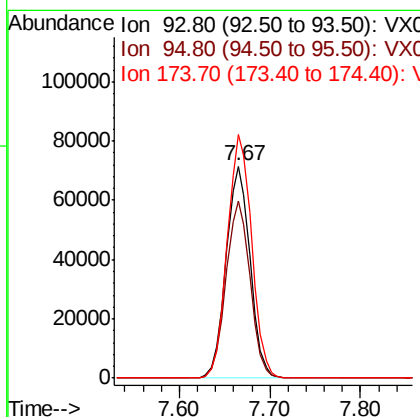
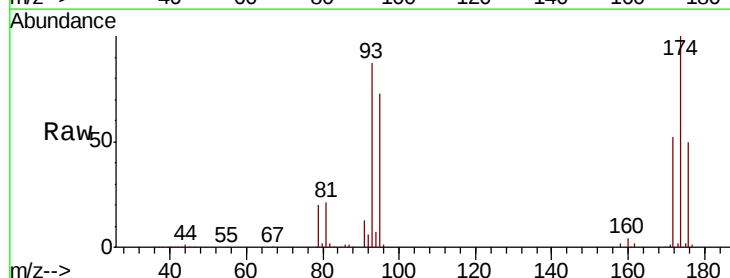
Manual Integrations
 APPROVED

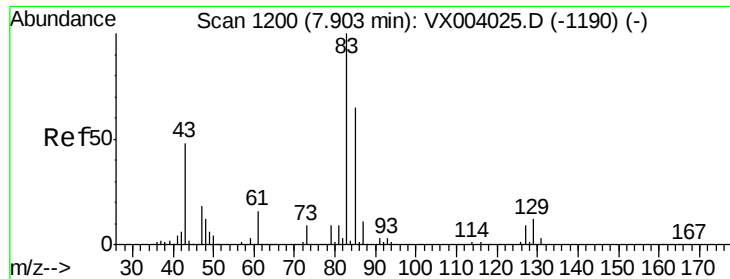
MMDadoda
 8/15/2018 4:49:52 PM



#46
 Dibromomethane
 Concen: 49.31 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.9	66.4	99.6
174	116.8	94.3	141.5





#47

Bromodichloromethane

Concen: 50.92 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

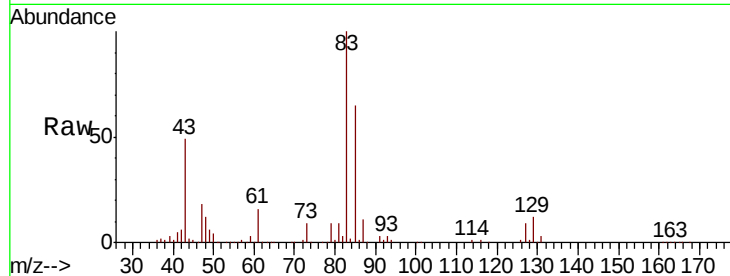
ClientSampleId :

VSTDICCC050

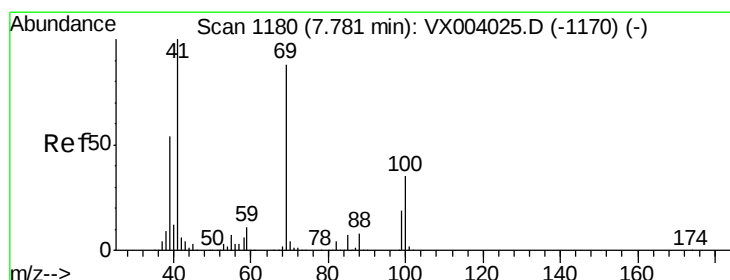
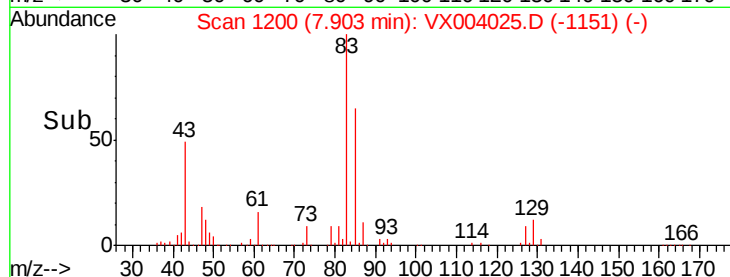
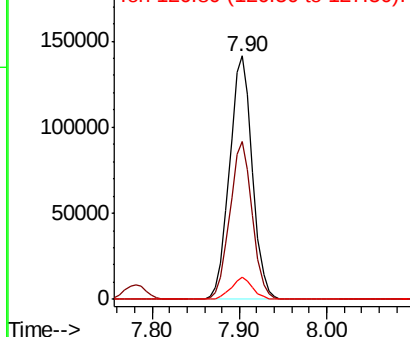
Tot Ion:	83	Resp:	255434
Ion Ratio	Lower	Upper	
83	100		
85	65.0	51.2	76.8
127	9.1	7.2	10.8

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.64 ug/l

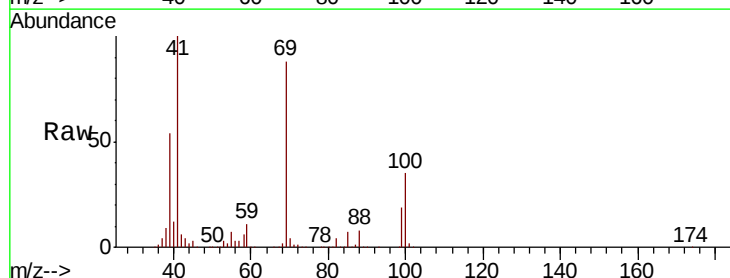
RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

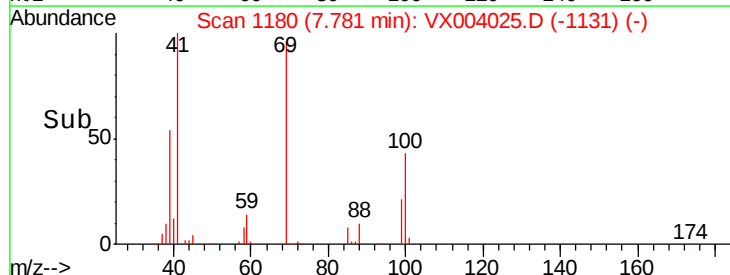
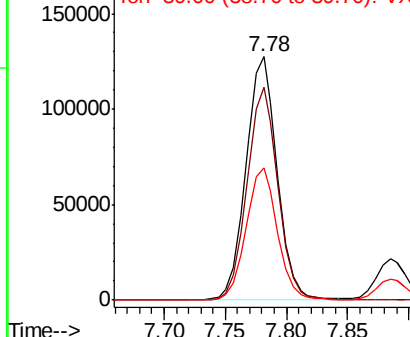
Lab File: VX004025.D

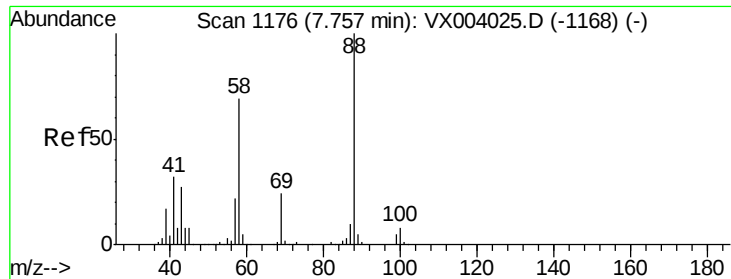
Acq: 14 Aug 2018 12:01

Tgt Ion:	41	Resp:	225373
Ion Ratio	Lower	Upper	
41	100		
69	87.1	68.8	103.2
39	54.3	42.3	63.5



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





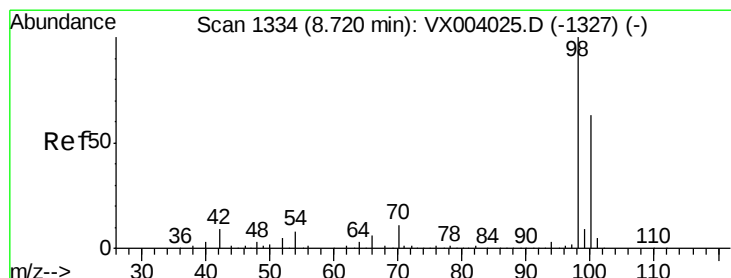
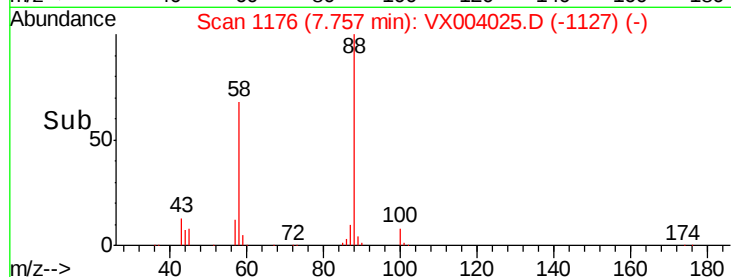
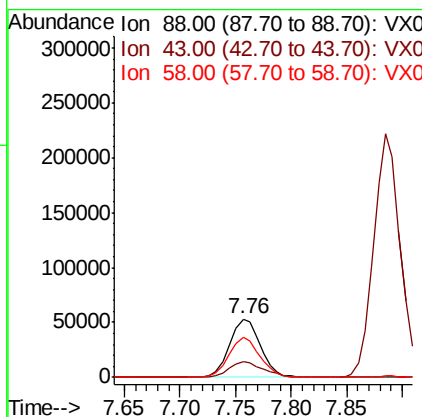
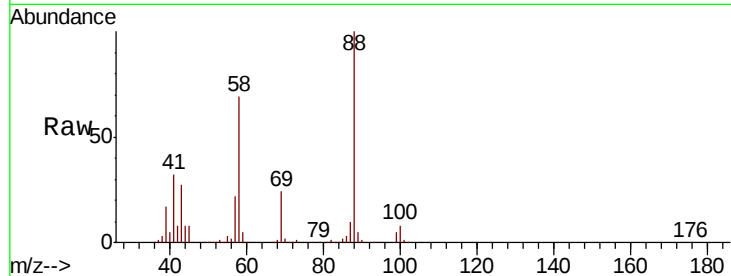
#49
1,4-Dioxane
Concen: 971.47 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.6	23.8	35.8
58	69.6	55.4	83.0

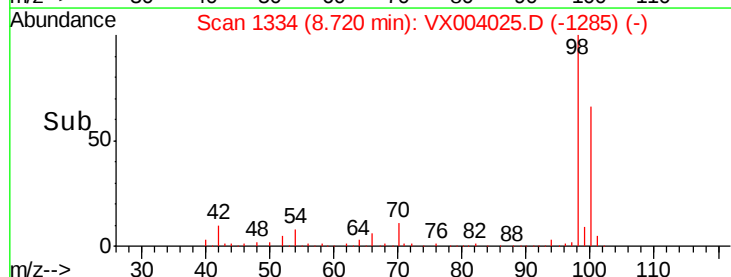
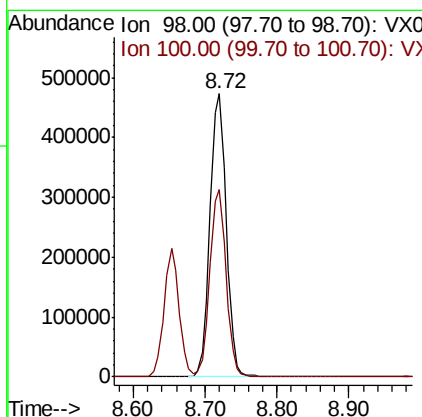
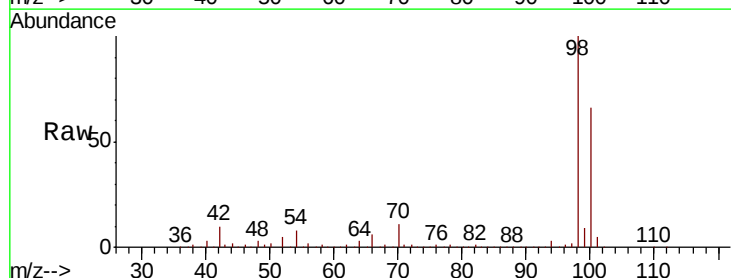
Manual Integrations
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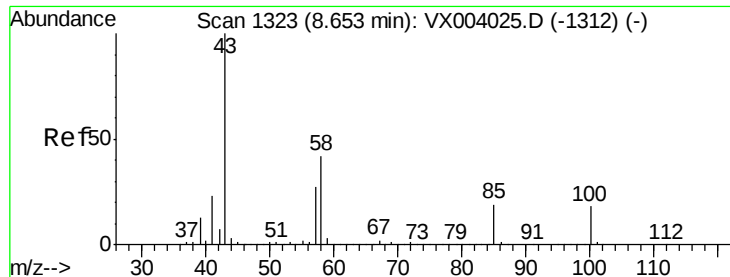
MMDadoda
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#50
Toluene-d8
Concen: 53.06 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.3	79.9





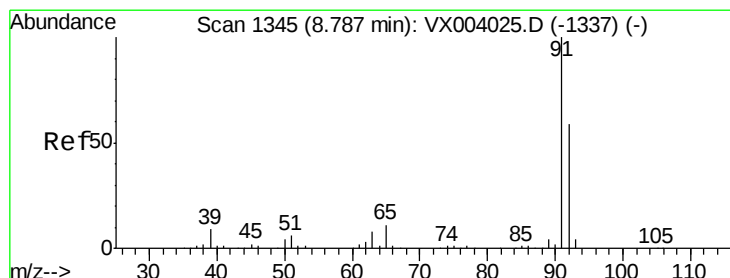
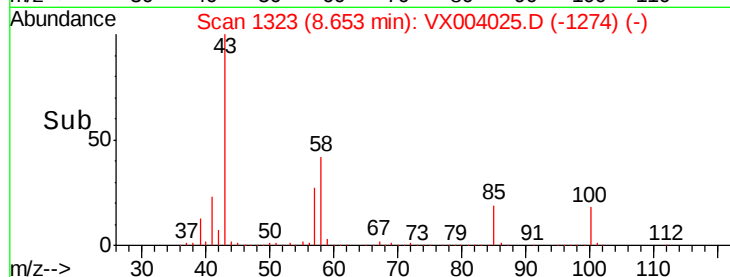
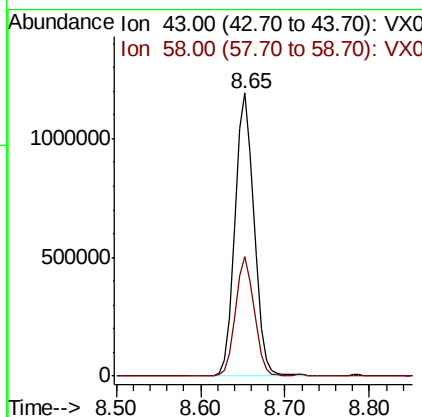
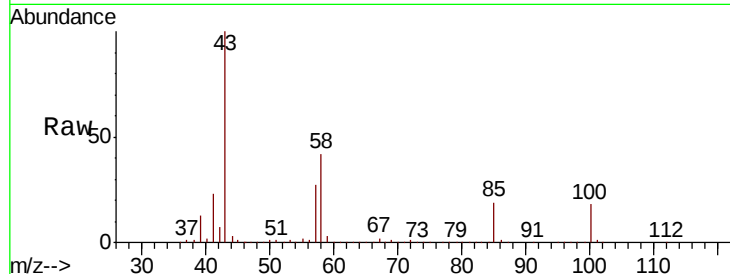
#51
4-Methyl-2-Pentanone
Concen: 251.43 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion: 43 Resp: 1824797
Ion Ratio Lower Upper
43 100
58 41.3 33.0 49.6

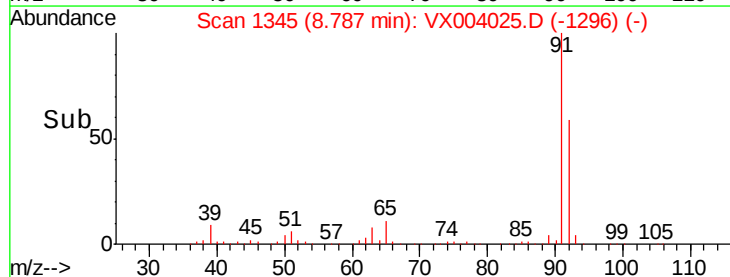
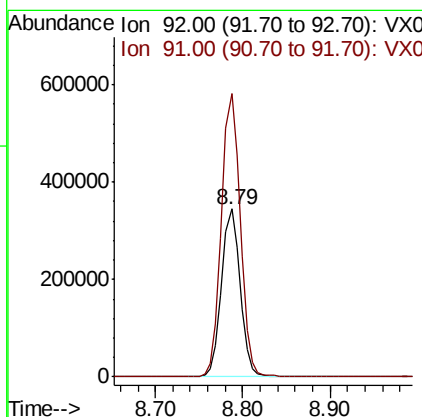
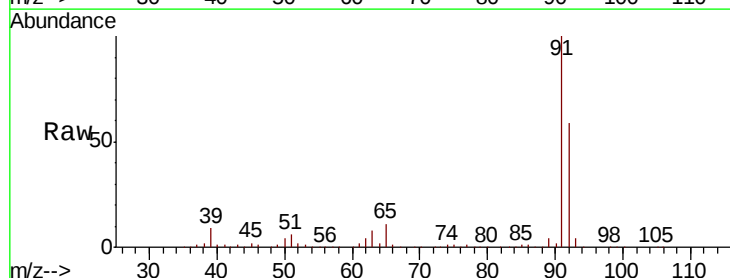
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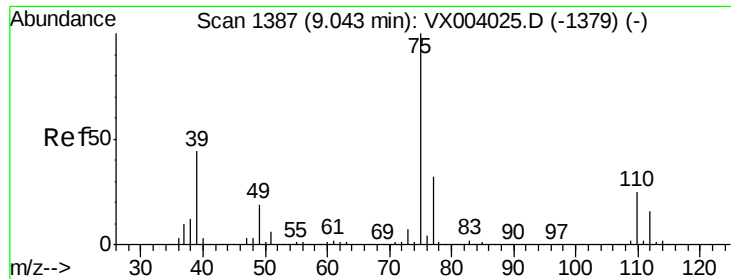
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#52
Toluene
Concen: 50.65 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Tgt Ion: 92 Resp: 508288
Ion Ratio Lower Upper
92 100
91 171.1 136.1 204.1





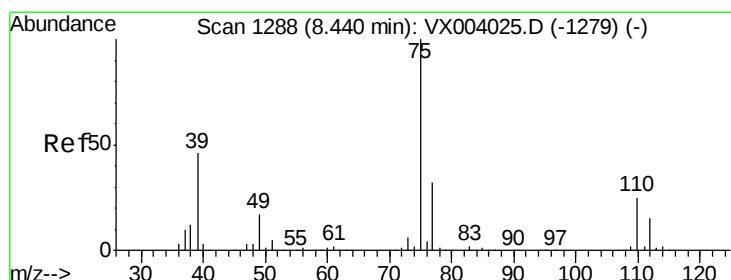
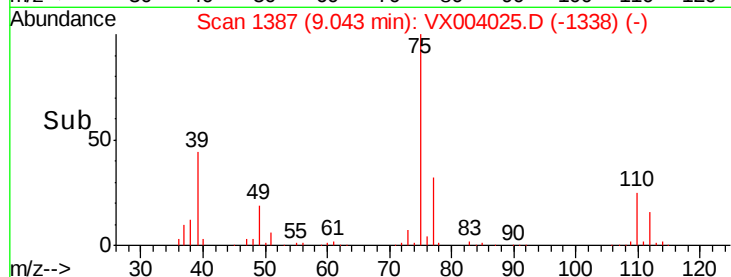
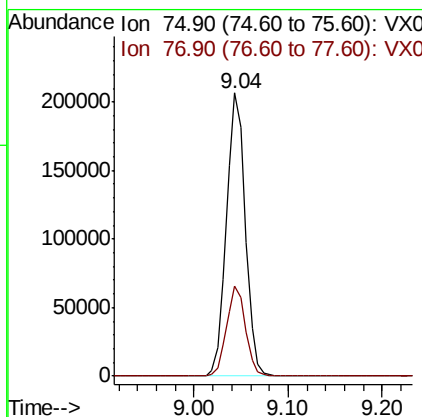
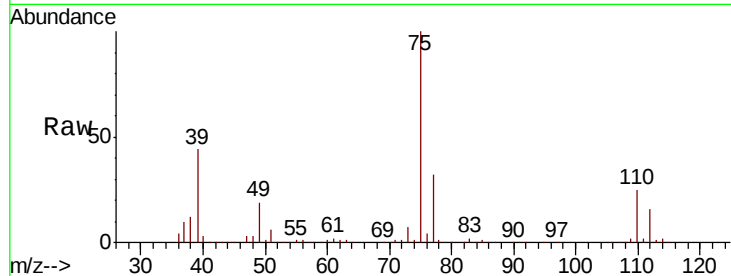
#53
 t-1,3-Dichloropropene
 Concen: 50.70 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 75 Resp: 287467
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.1 37.7

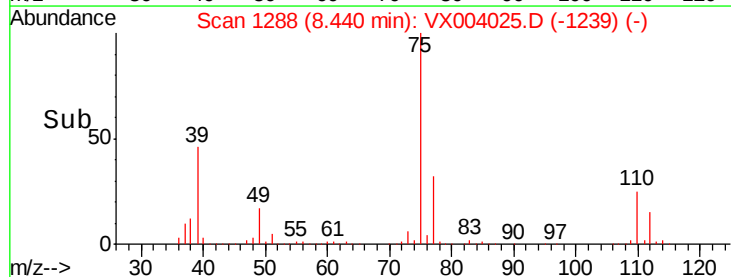
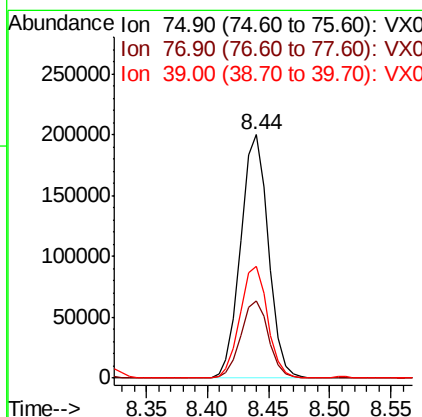
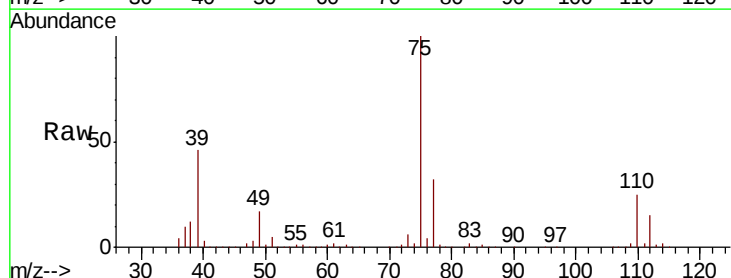
Manual Integrations
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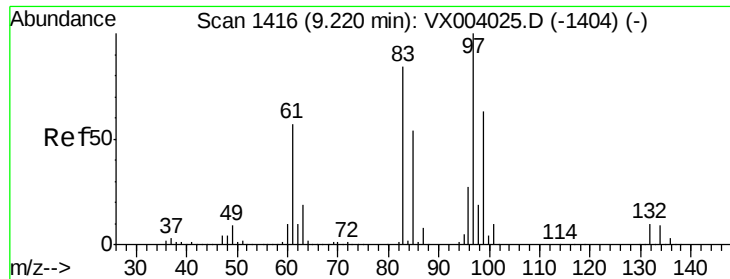
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#54
 cis-1,3-Dichloropropene
 Concen: 51.43 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Tgt Ion: 75 Resp: 314422
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.3 37.9
 39 45.7 36.2 54.2





#55

1,1,2-Trichloroethane

Concen: 49.81 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

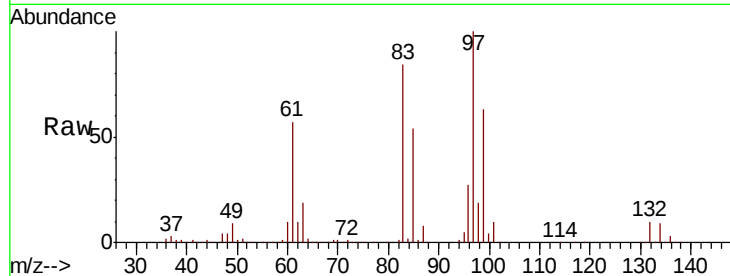
ClientSampleId :

VSTDICCC050

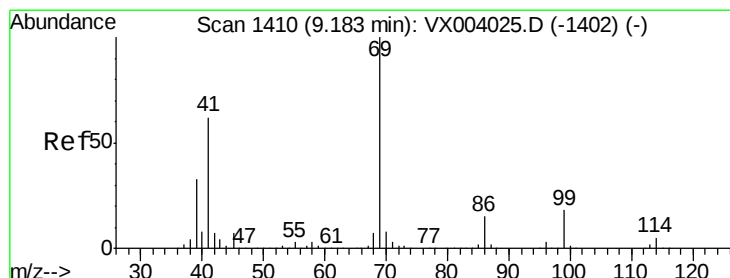
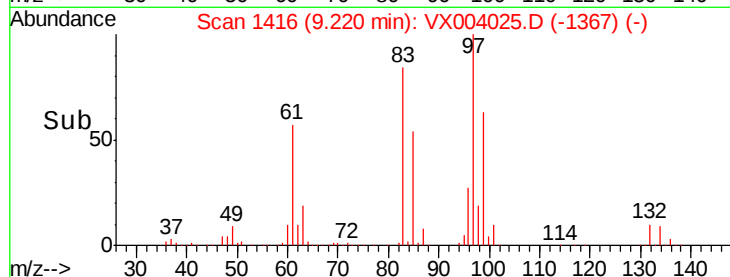
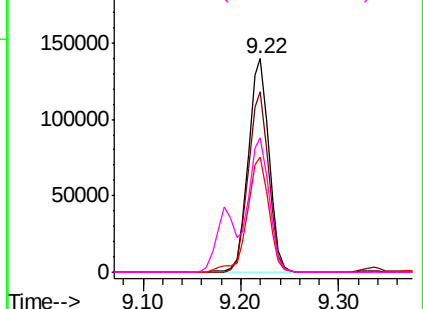
Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		204283		
83	84.3	67.8	101.6		
85	54.0	44.2	66.2		
99	62.9	50.8	76.2		

Manual Integrations
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Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 51.55 ug/l

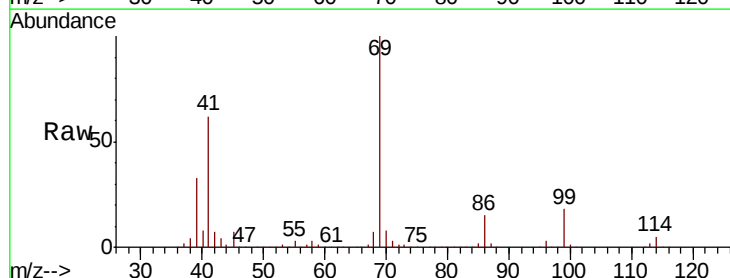
RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

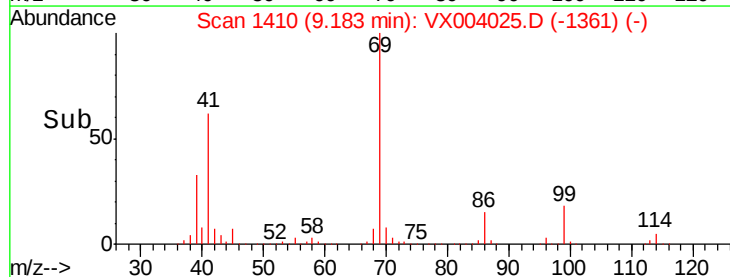
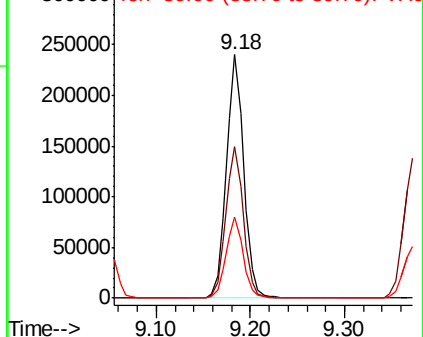
Lab File: VX004025.D

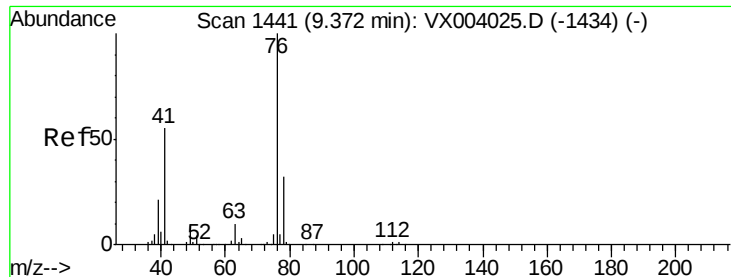
Acq: 14 Aug 2018 12:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		306692		
41	63.4	50.6	76.0		
39	33.1	25.8	38.6		



Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





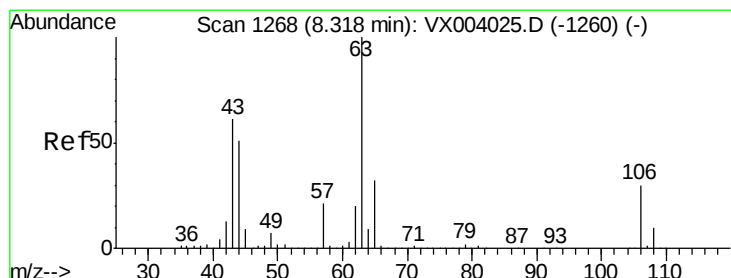
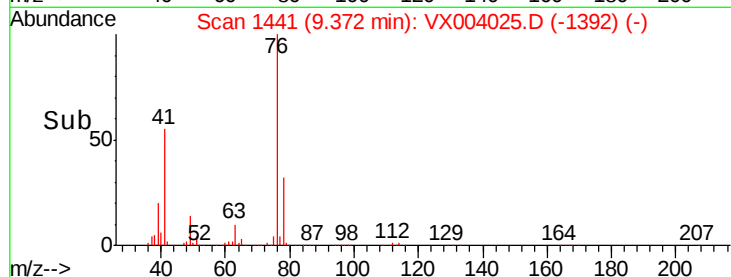
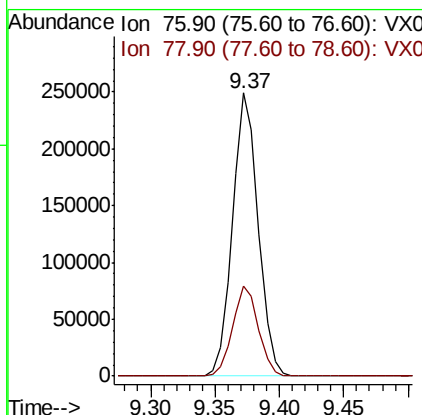
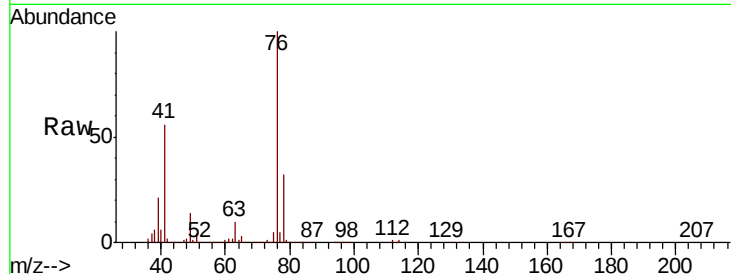
#57
 1,3-Dichloropropane
 Concen: 50.43 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.9	38.9

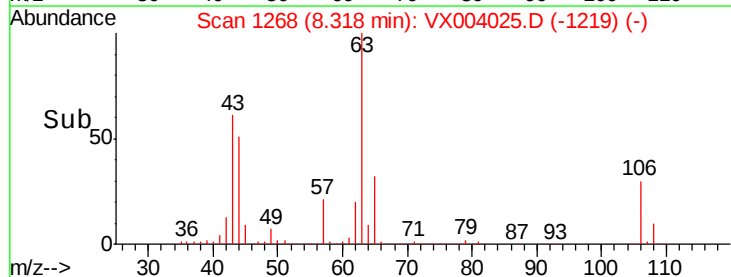
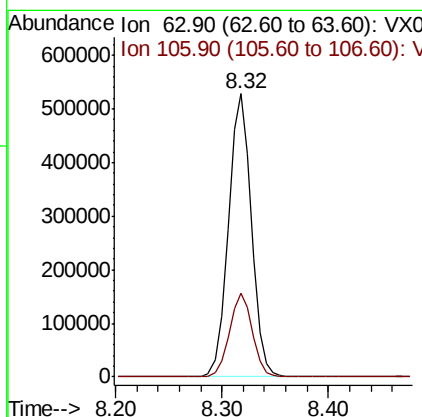
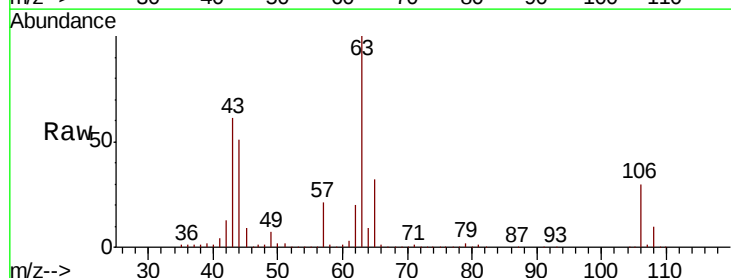
Manual Integrations
 APPROVED

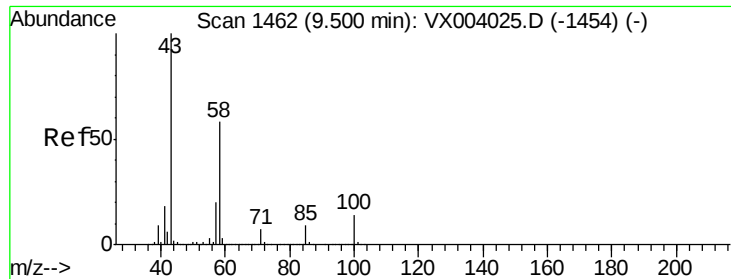
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 272.29 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.4	23.8	35.8





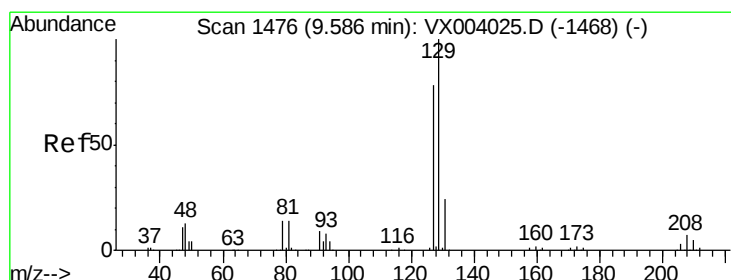
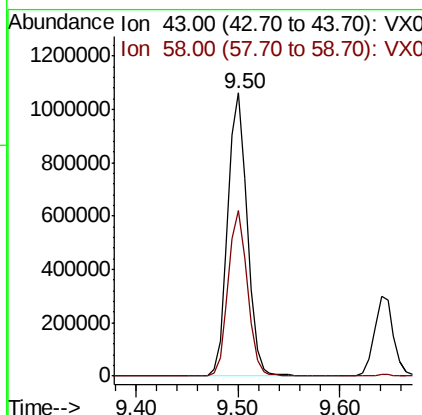
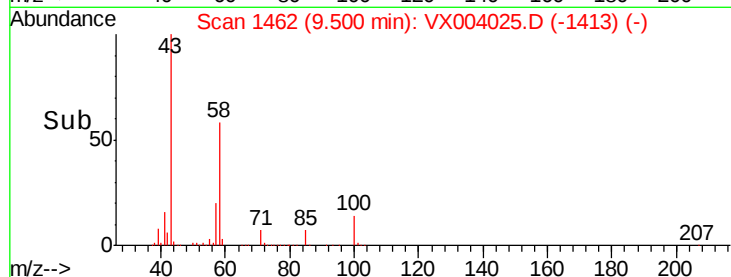
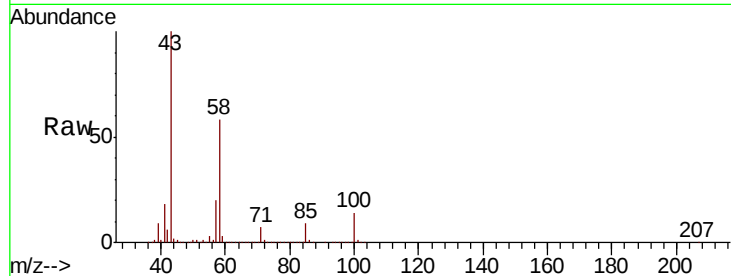
#59
2-Hexanone
Concen: 257.22 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 1395411
Ion Ratio Lower Upper
43 100
58 58.0 29.0 87.0

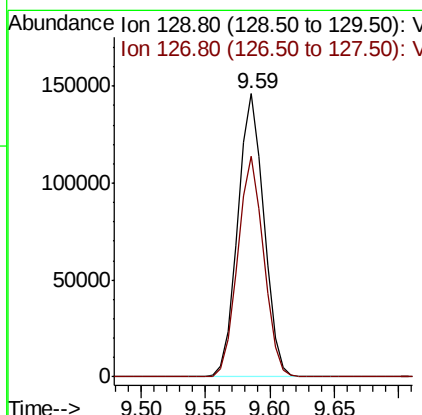
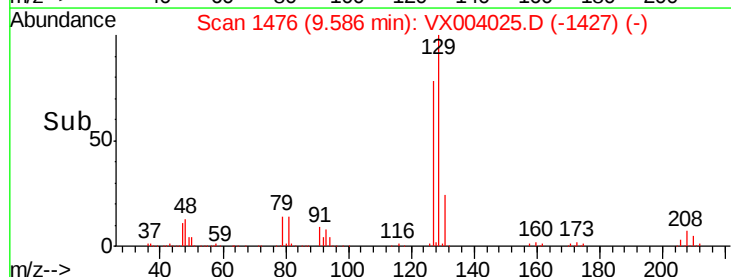
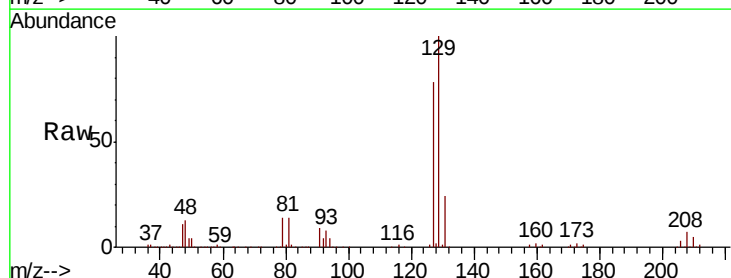
Manual Integrations
APPROVED

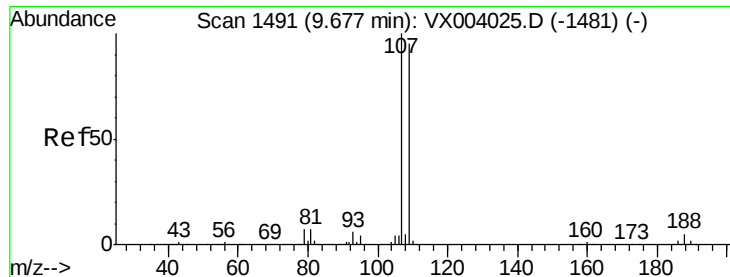
MMDadoda
8/15/2018 4:49:52 PM



#60
Dibromochloromethane
Concen: 53.88 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Tgt Ion: 129 Resp: 206006
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.3





#61

1,2-Dibromoethane

Concen: 51.97 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:107 Resp: 213384

Ion Ratio Lower Upper

107 100

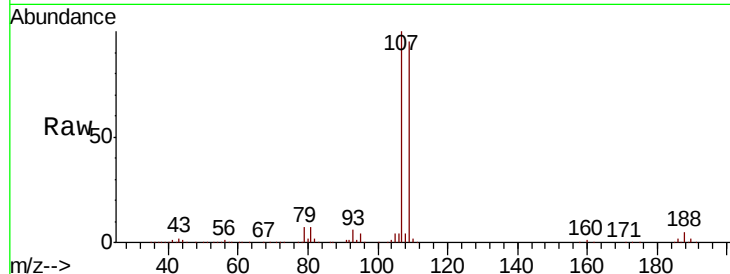
109 94.3 75.8 113.8

Manual Integrations

APPROVED

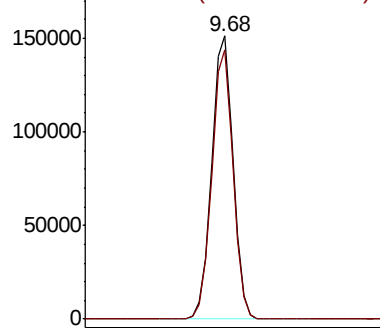
MMDadoda

8/15/2018 4:49:52 PM

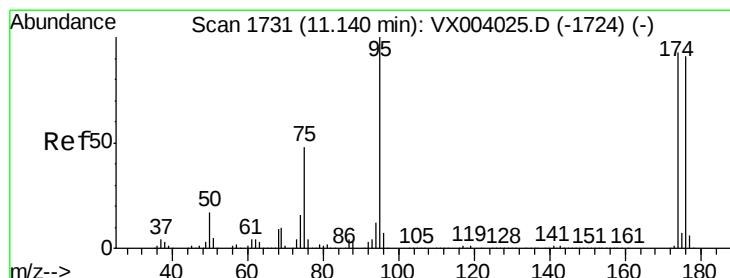
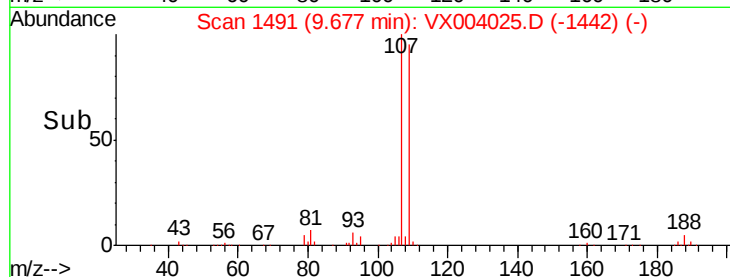


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 59.61 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

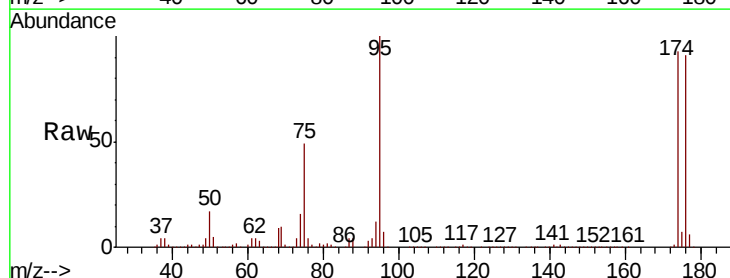
Tgt Ion: 95 Resp: 268380

Ion Ratio Lower Upper

95 100

174 91.4 0.0 182.8

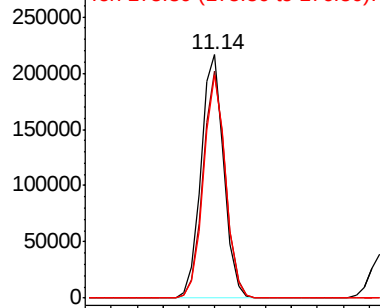
176 89.1 0.0 179.0



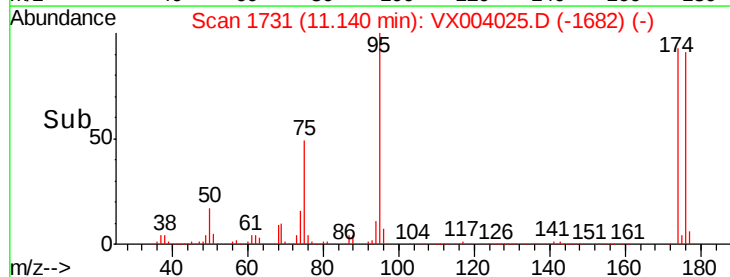
Abundance Ion 94.90 (94.60 to 95.60): VX0

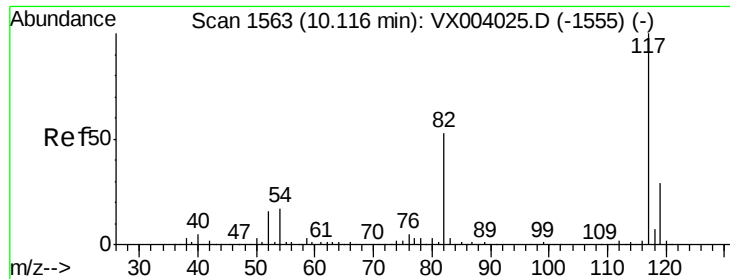
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





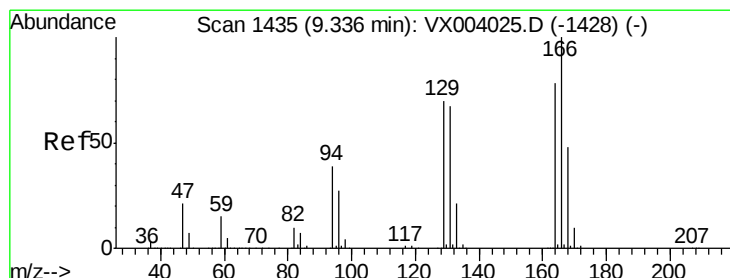
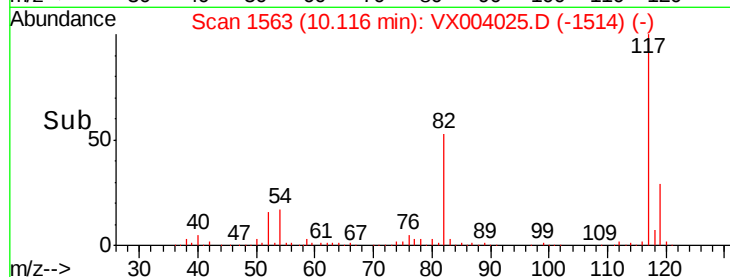
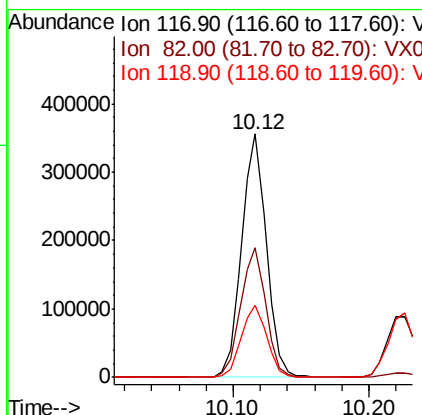
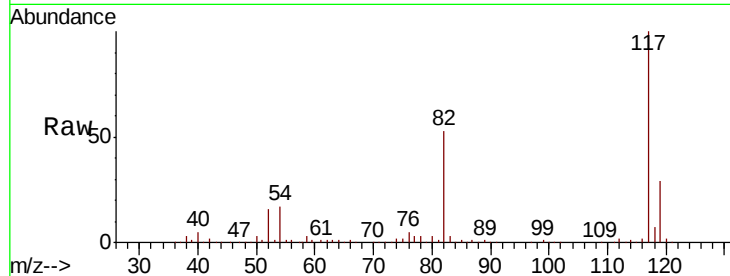
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	45.4	68.0
119	29.5	26.6	40.0

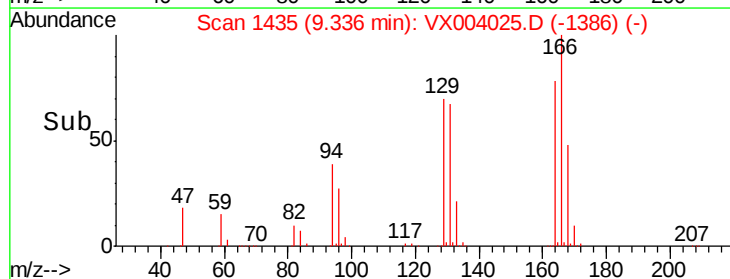
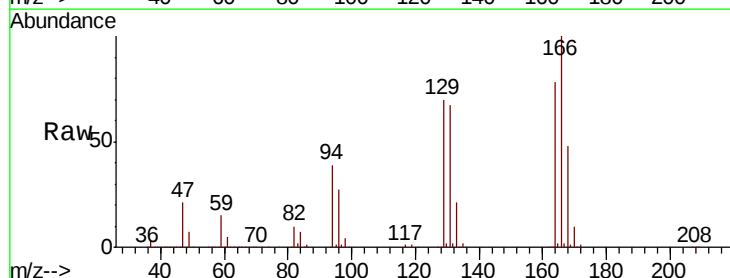
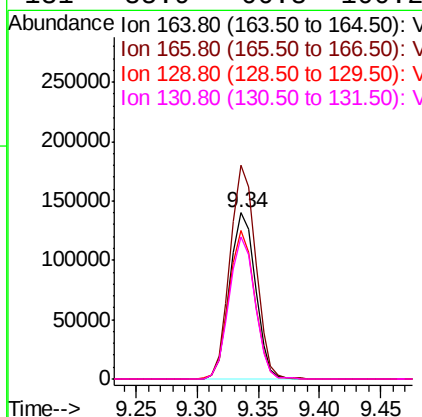
Manual Integrations
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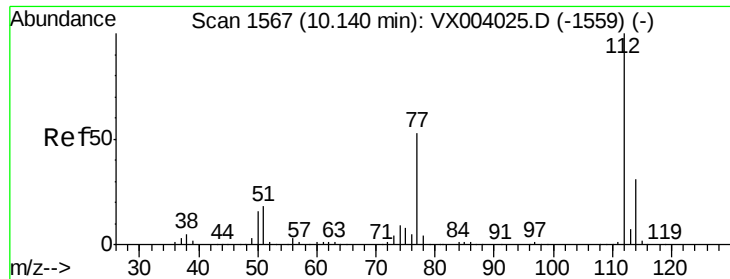
MMDadoda
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#64
Tetrachloroethene
Concen: 46.01 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	98.0	147.0
129	89.7	64.3	96.5
131	85.9	66.8	100.2





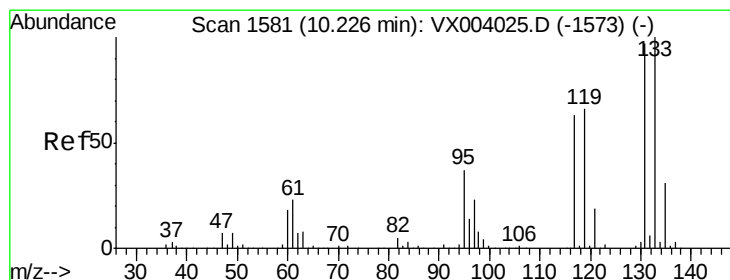
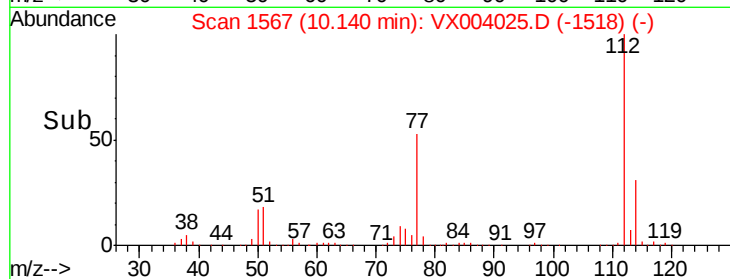
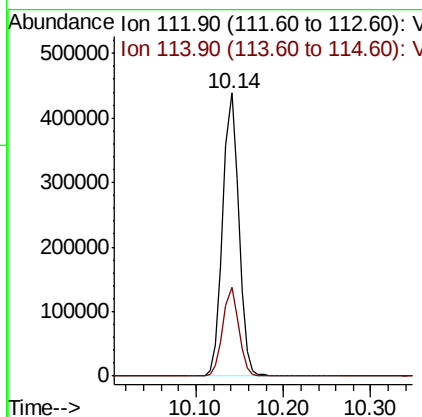
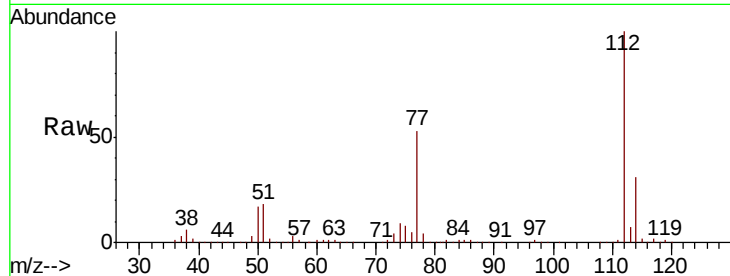
#65
Chlorobenzene
Concen: 47.34 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 556438
Ion Ratio Lower Upper
112 100
114 31.3 23.6 35.4

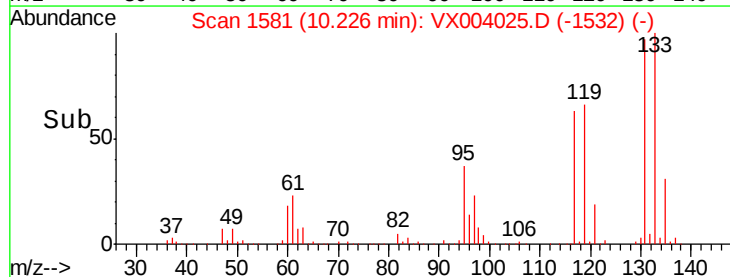
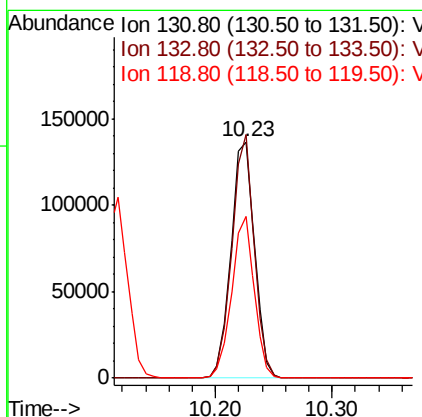
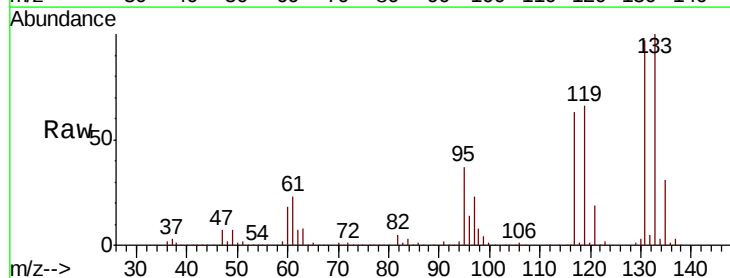
Manual Integrations
APPROVED

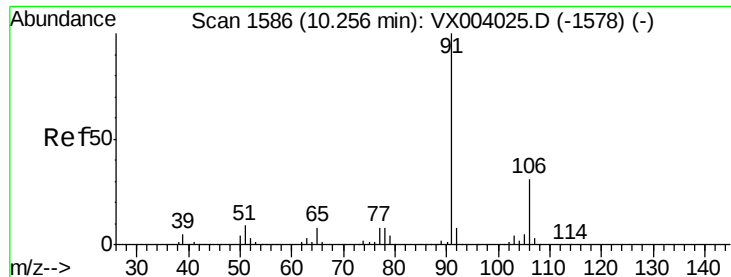
MMDadoda
8/15/2018 4:49:52 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 47.91 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Tgt Ion:131 Resp: 193574
Ion Ratio Lower Upper
131 100
133 97.3 47.3 141.8
119 65.3 31.6 94.8





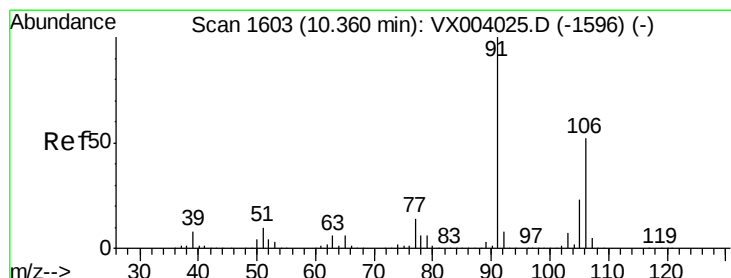
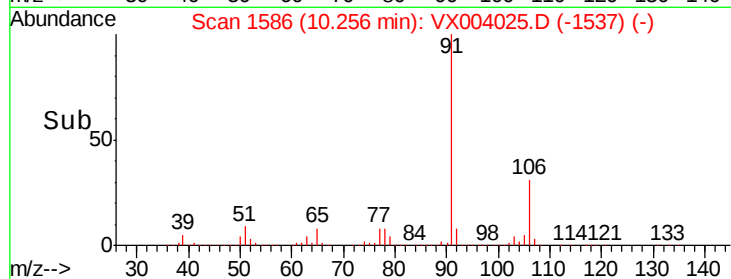
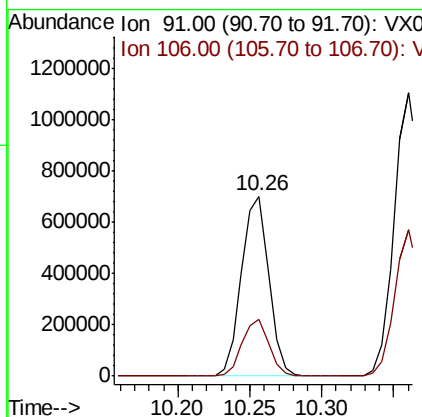
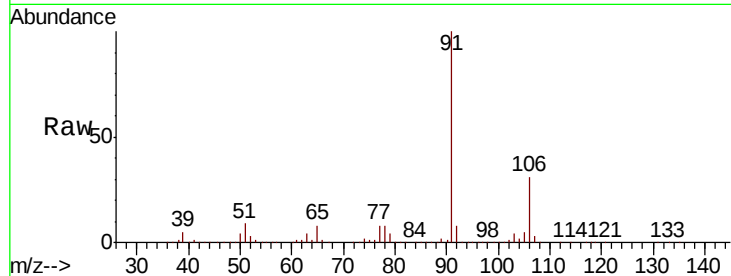
#67
Ethyl Benzene
Concen: 48.27 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion: 91 Resp: 928685
Ion Ratio Lower Upper
91 100
106 31.2 25.9 38.9

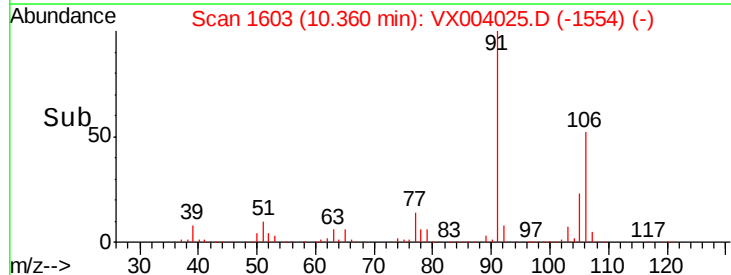
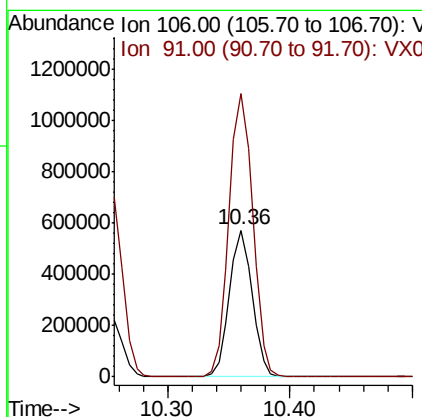
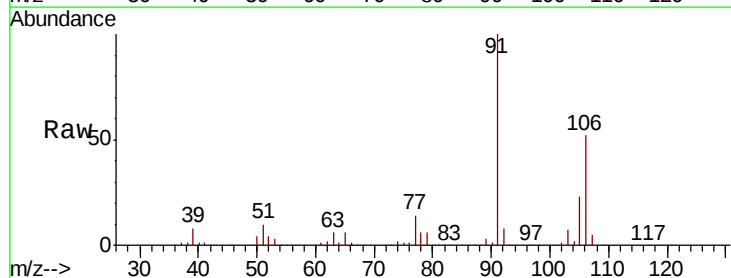
Manual Integrations
APPROVED

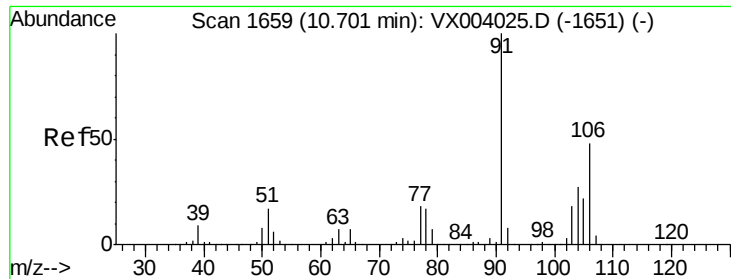
MMDadoda
8/15/2018 4:49:52 PM



#68
m/p-Xylenes
Concen: 98.53 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Tgt Ion: 106 Resp: 740734
Ion Ratio Lower Upper
106 100
91 201.4 162.3 243.5





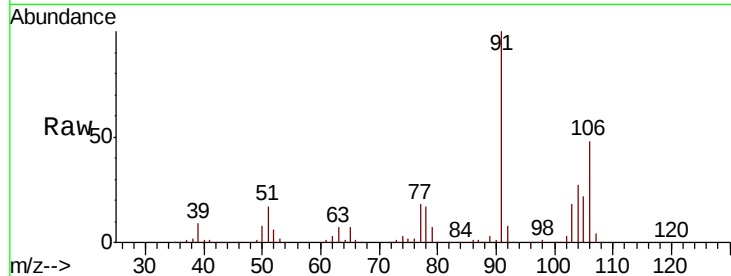
#69
o-Xylene
Concen: 51.34 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

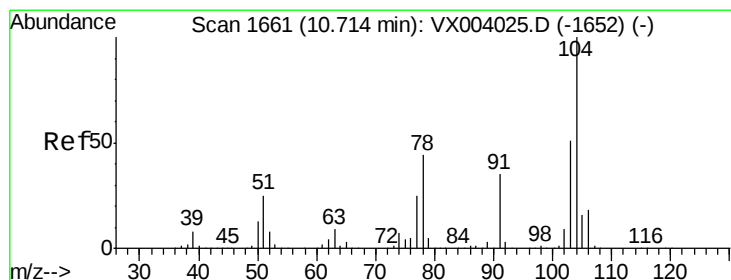
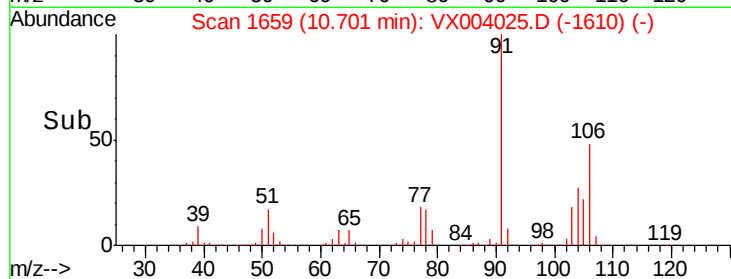
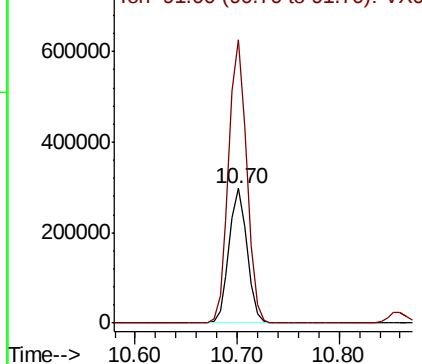
Tot Ion	Ratio	Lower	Upper
106	100		
91	210.9	101.9	305.7

Manual Integrations
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8/15/2018 4:49:52 PM

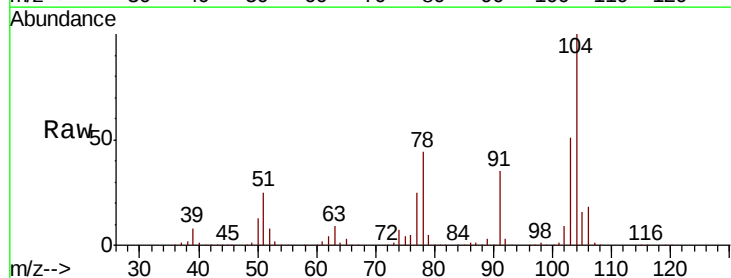


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

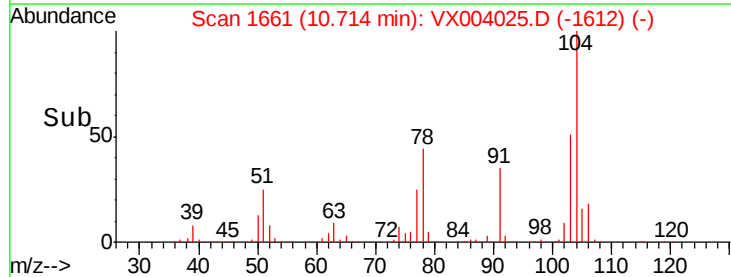
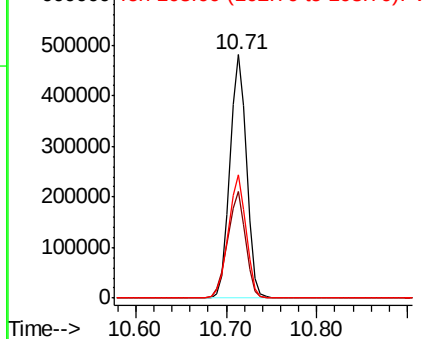


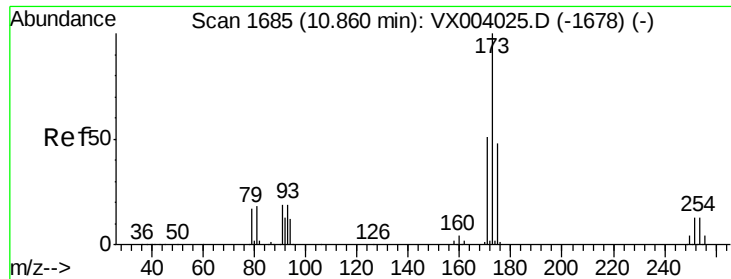
#70
Styrene
Concen: 52.80 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.5	39.8	59.6
103	54.1	44.3	66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





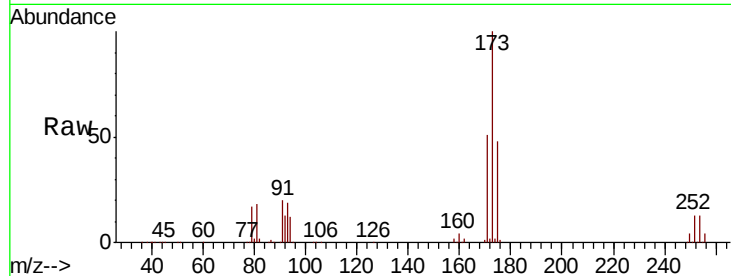
#71
Bromoform
Concen: 52.71 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.9	74.7
254	0.2	0.2	0.2

Manual Integrations
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8/15/2018 4:49:52 PM

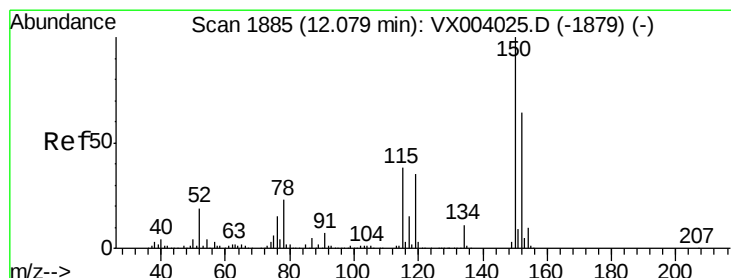
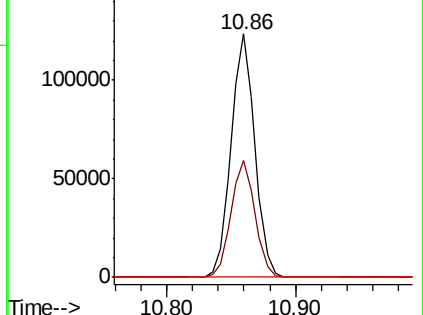
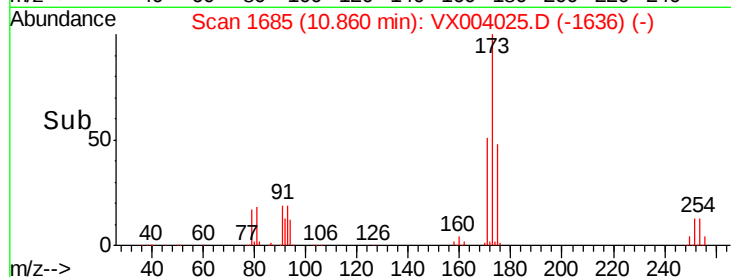


Abundance

Ion 172.70 (172.40 to 173.40): V

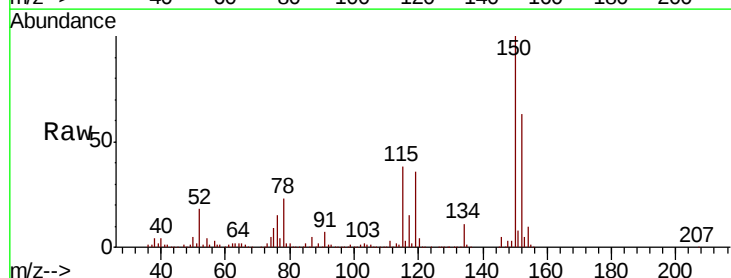
Ion 174.70 (174.40 to 175.40): V

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. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.9	39.1	117.3
150	176.6	0.0	349.2

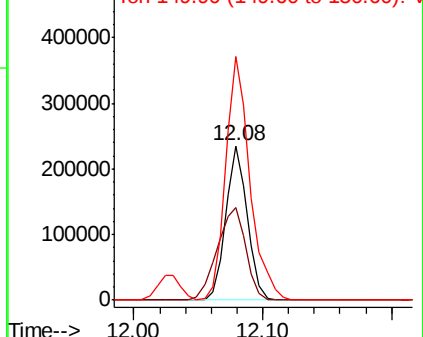
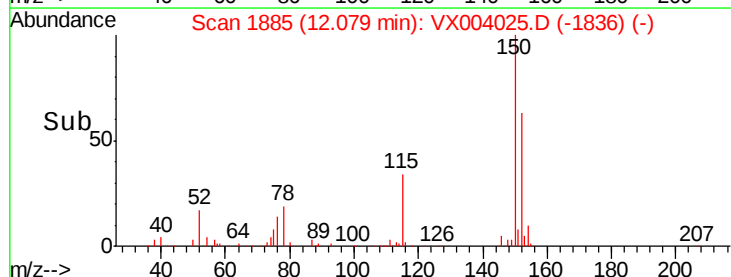


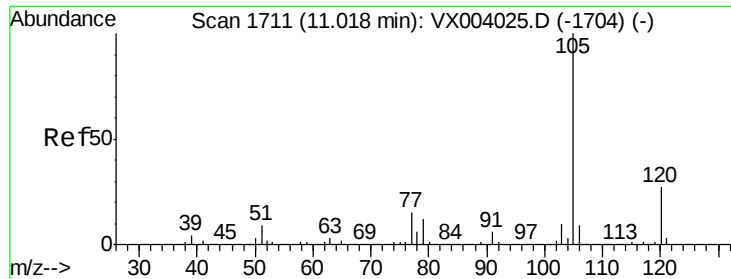
Abundance

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: 47.97 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 105 Resp: 983302

Ion Ratio Lower Upper

105 100

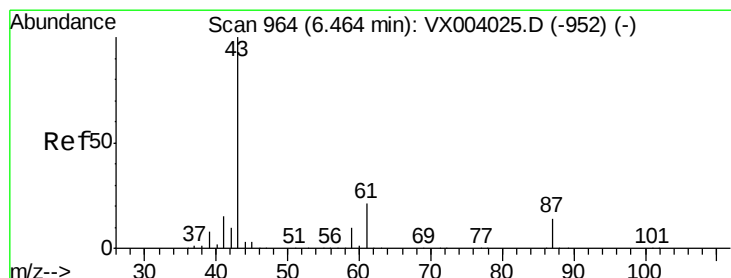
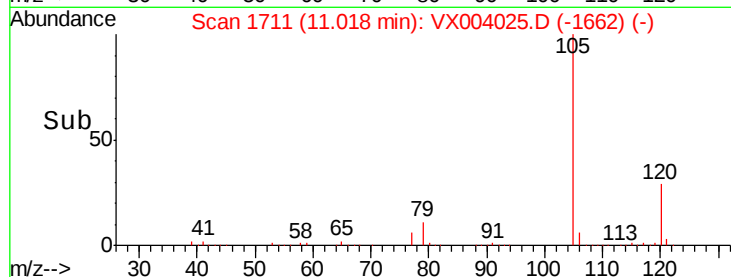
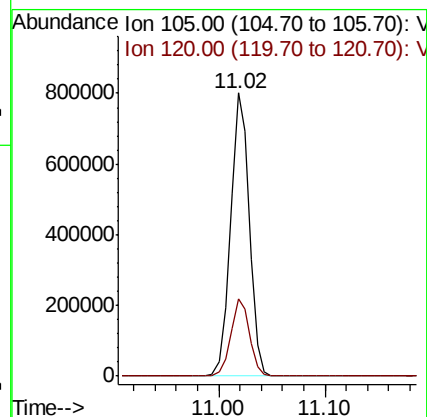
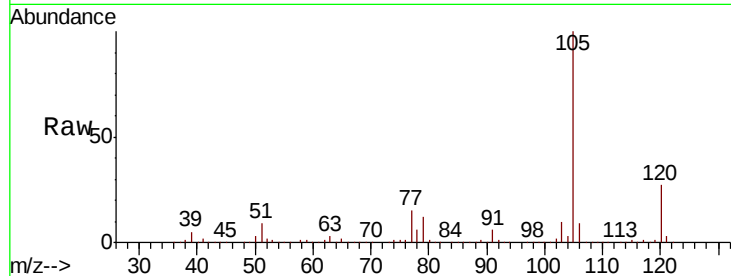
120 27.0 12.6 37.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 39.90 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Tgt Ion: 43 Resp: 425346

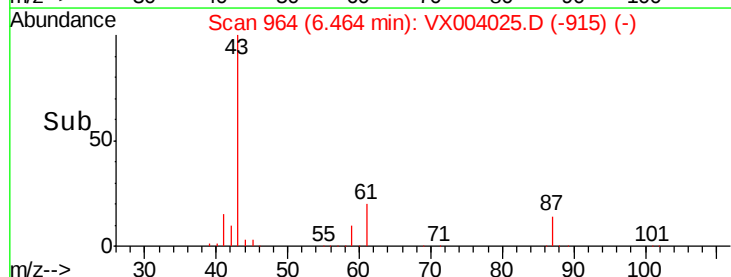
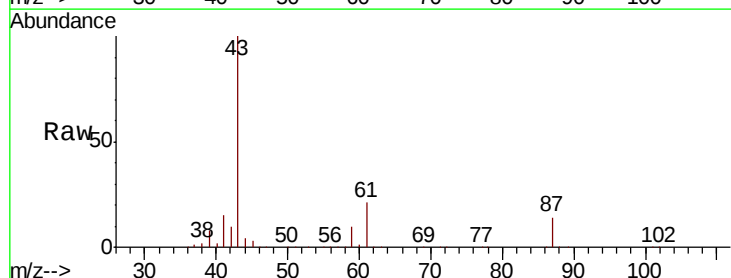
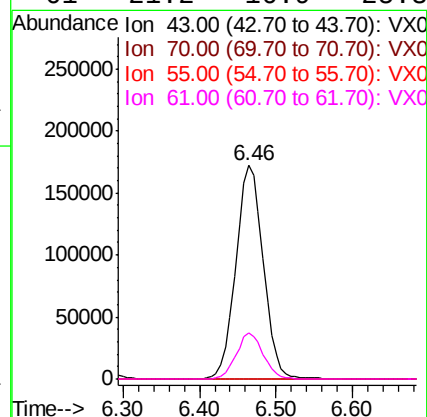
Ion Ratio Lower Upper

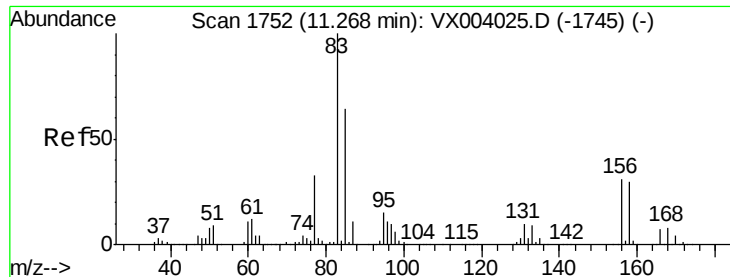
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 21.2 16.9 25.3





#75

1,1,2,2-Tetrachloroethane

Concen: 45.12 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 83 Resp: 316994

Ion Ratio Lower Upper

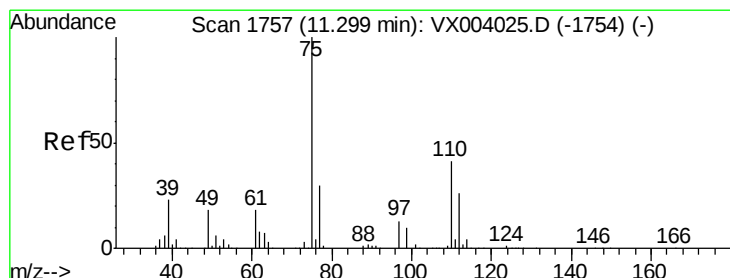
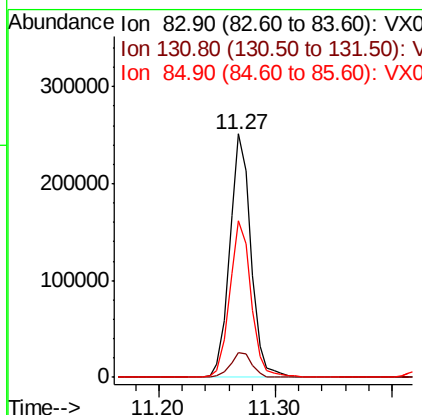
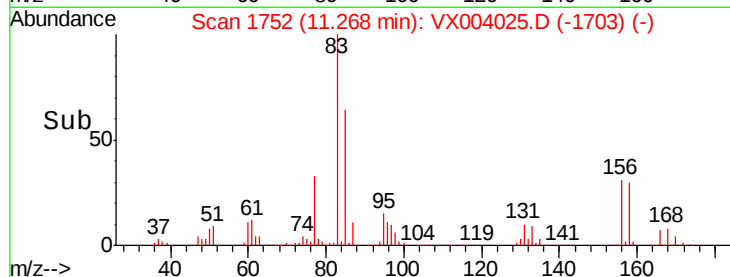
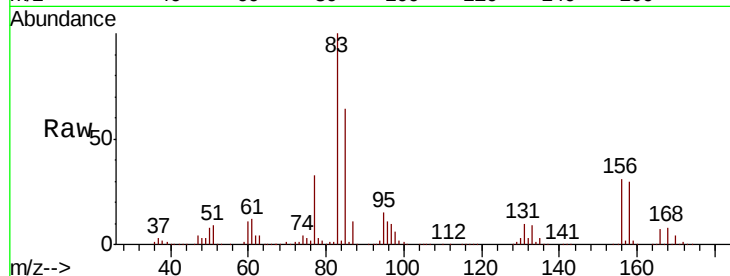
83 100

131 10.6 5.2 15.6

85 65.0 32.2 96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 45.69 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX004025.D

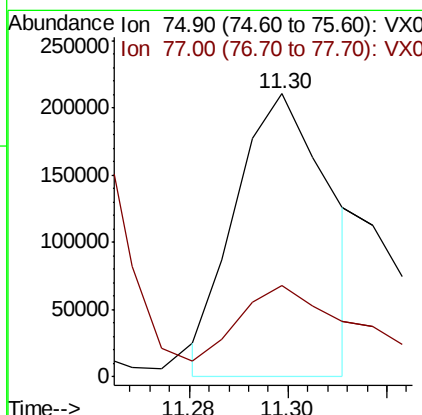
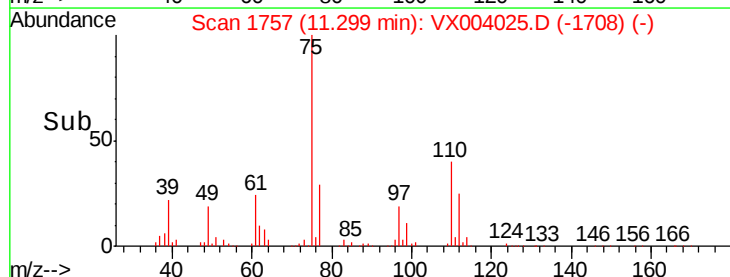
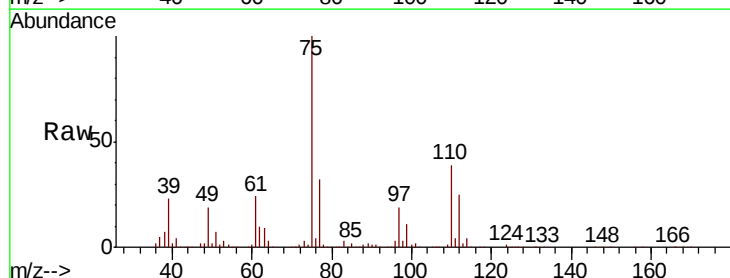
Acq: 14 Aug 2018 12:01

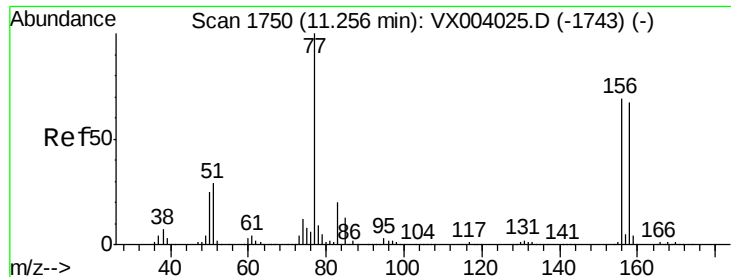
Tgt Ion: 75 Resp: 279638

Ion Ratio Lower Upper

75 100

77 41.8 20.8 62.5





#77

Bromobenzene

Concen: 46.85 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

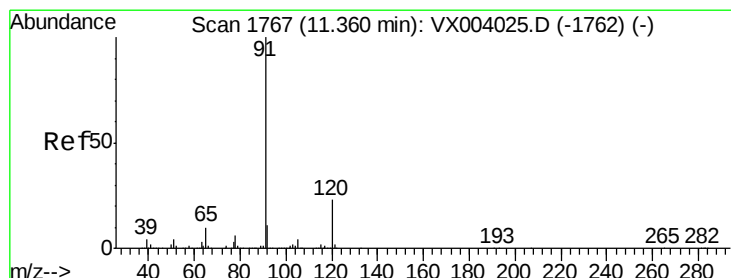
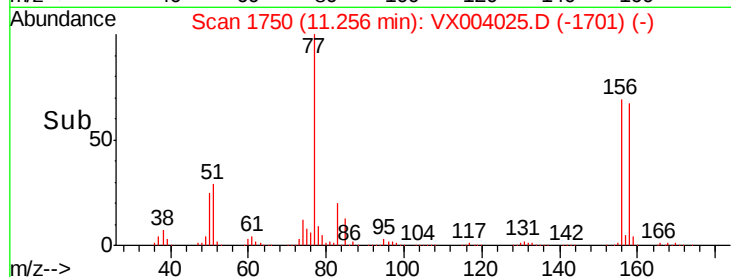
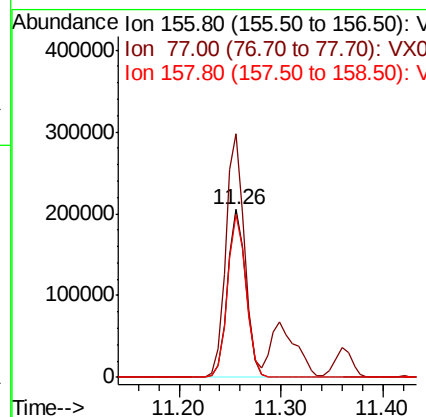
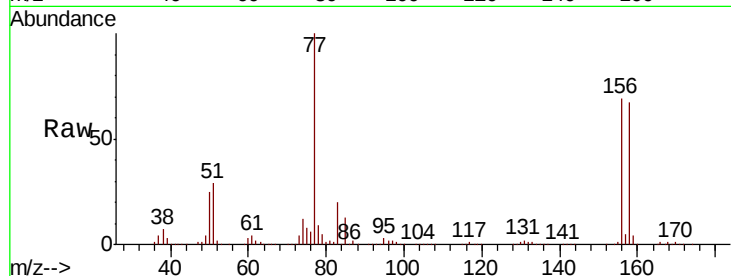
ClientSampleId :

VSTDICCC050

Tot Ion:	156	Resp:	256225
Ion Ratio	Lower	Upper	
156	100		
77	148.1	74.1	222.2
158	97.9	48.6	145.9

Manual Integrations
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#78

n-propylbenzene

Concen: 49.11 ug/l

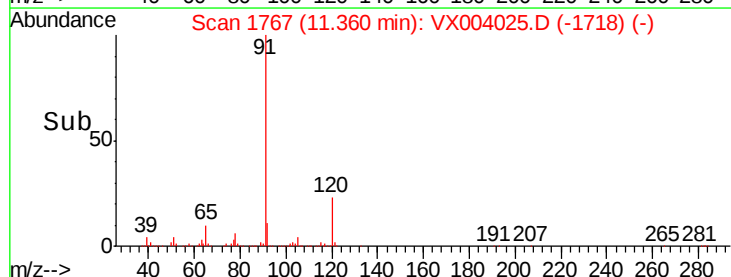
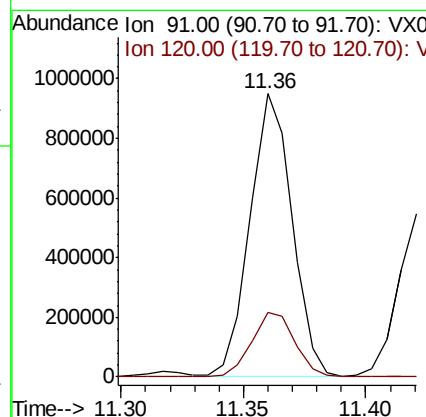
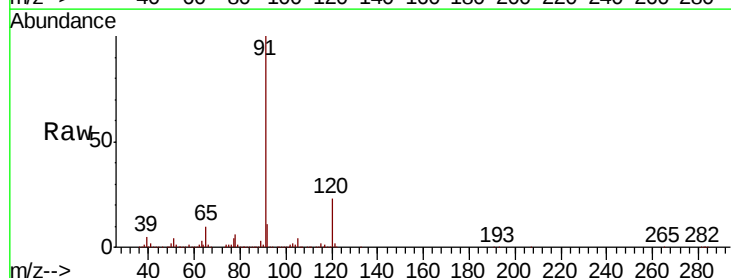
RT: 11.36 min Scan# 1767

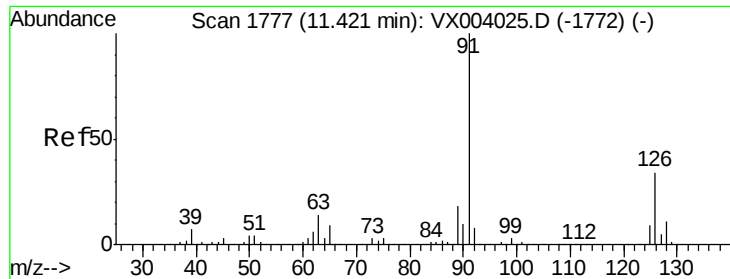
Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Tgt Ion:	91	Resp:	1130453
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.9	35.5





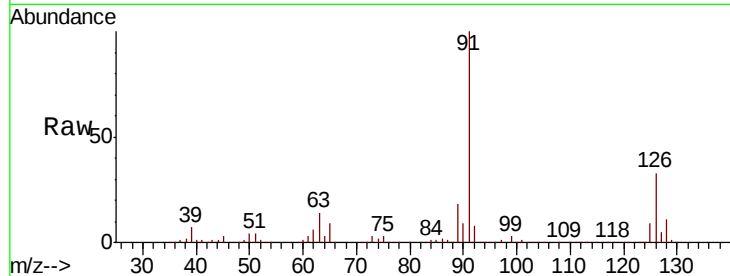
#79
 2-Chlorotoluene
 Concen: 46.74 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

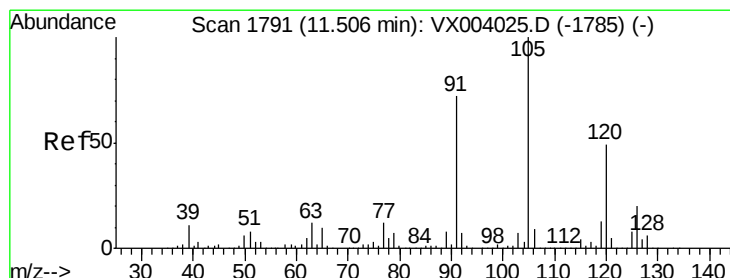
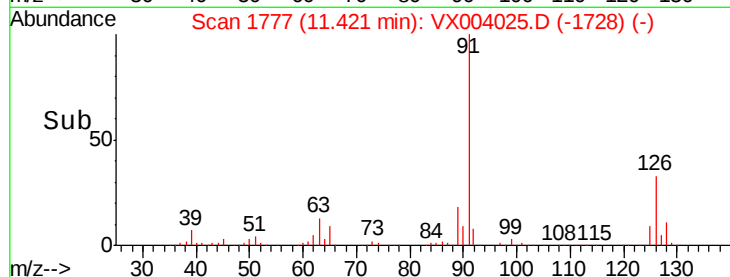
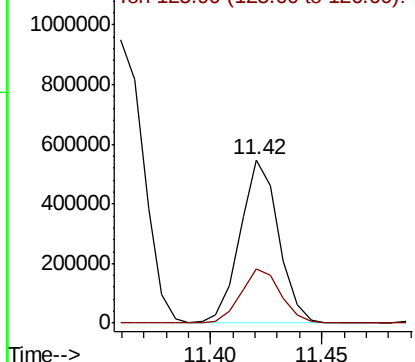
Tot Ion: 91 Resp: 655979
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.4 52.3

Manual Integrations
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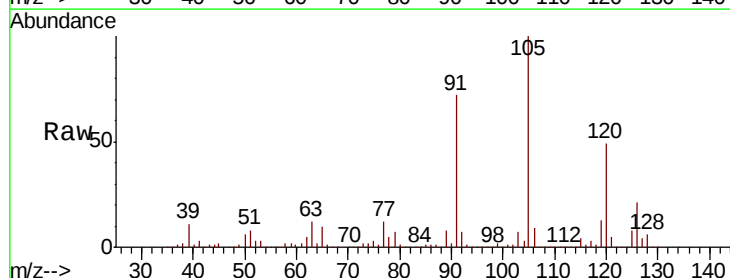


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

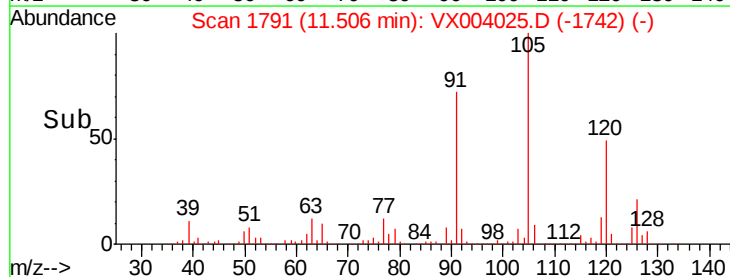
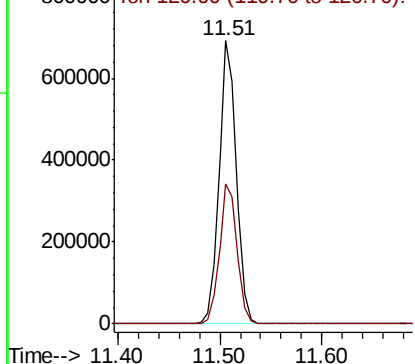


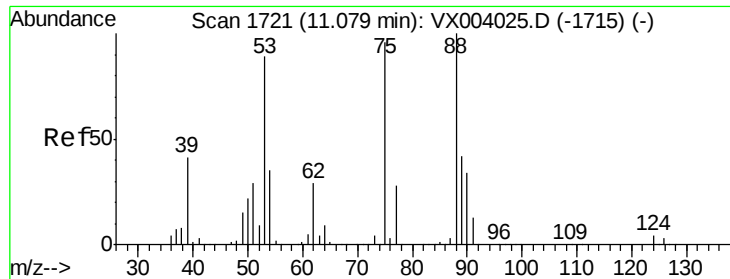
#80
 1,3,5-Trimethylbenzene
 Concen: 49.00 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Tgt Ion:105 Resp: 819010
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.4 76.2



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





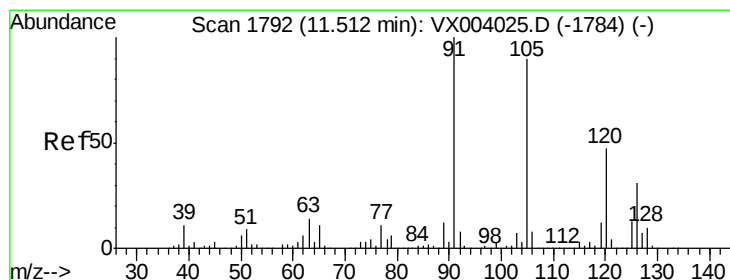
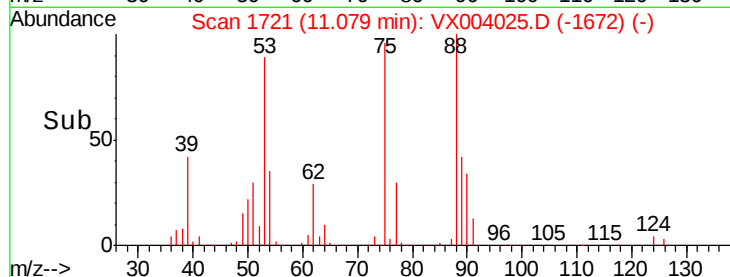
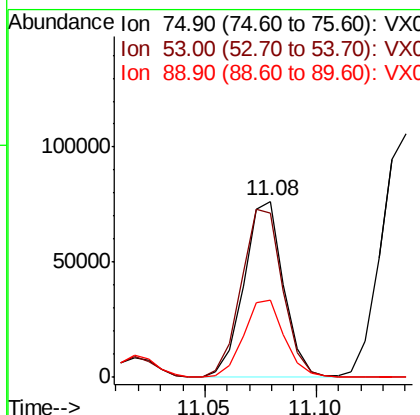
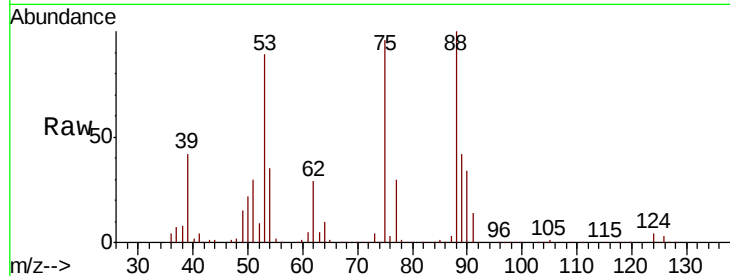
#81
trans-1,4-Dichloro-2-butene
Concen: 47.06 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.2	80.3	120.5
89	45.9	37.8	56.8

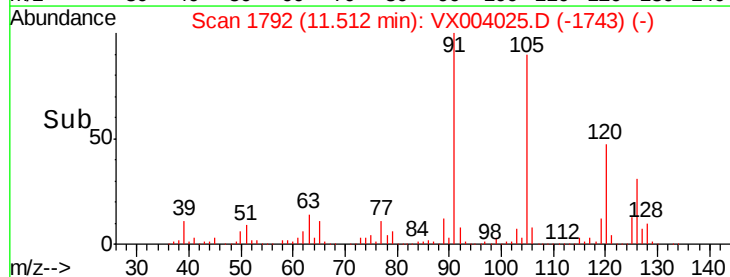
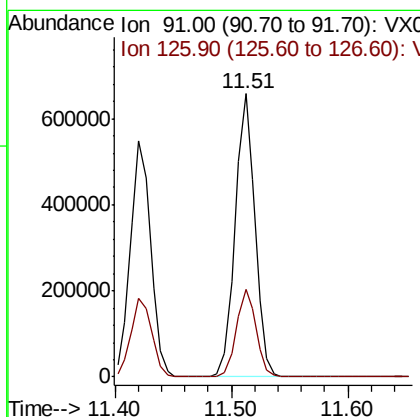
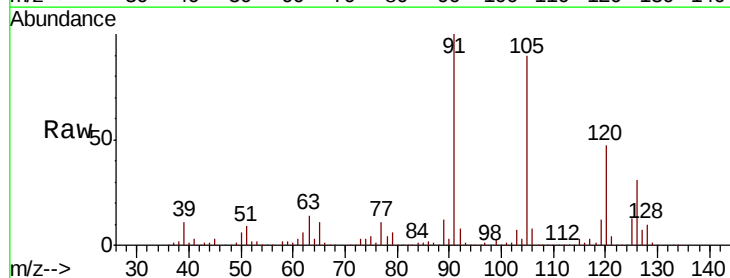
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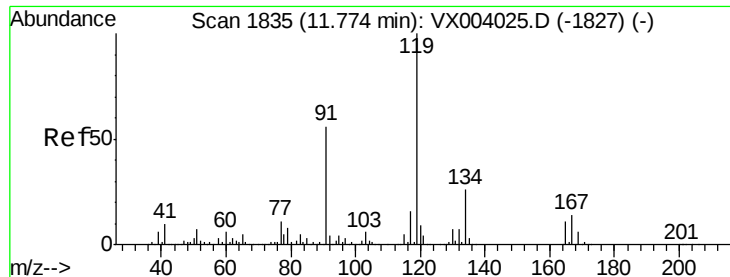
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#82
4-Chlorotoluene
Concen: 47.46 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.6	46.7





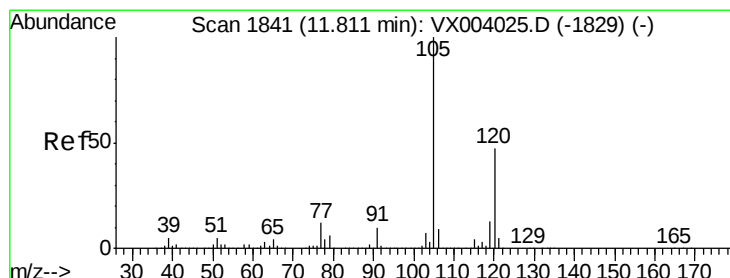
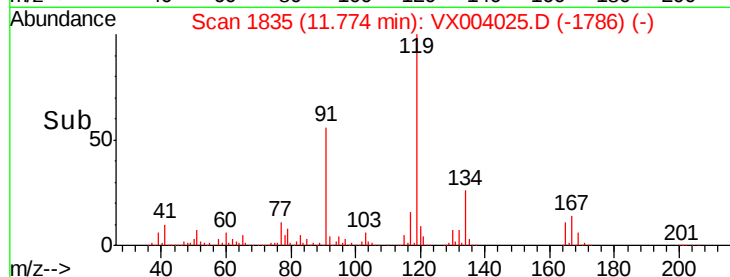
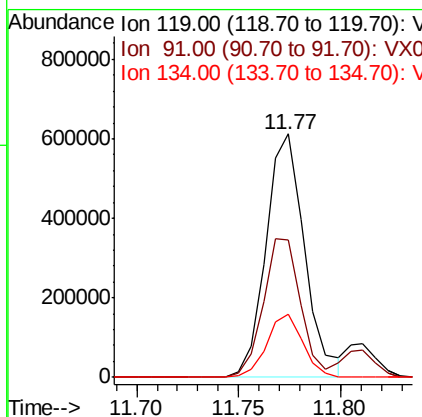
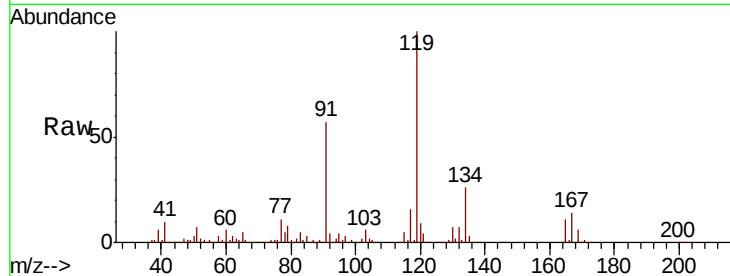
#83
 tert-Butylbenzene
 Concen: 49.13 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	807919		
91	54.9	26.9	80.7	
134	24.4	12.0	36.0	

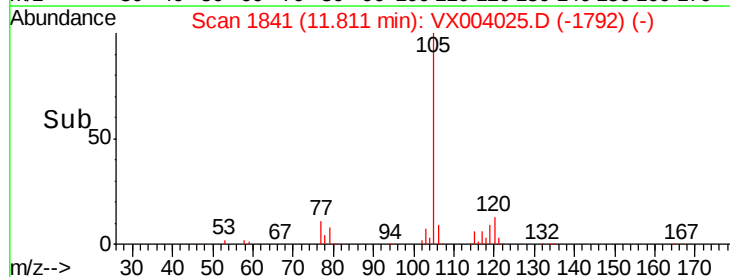
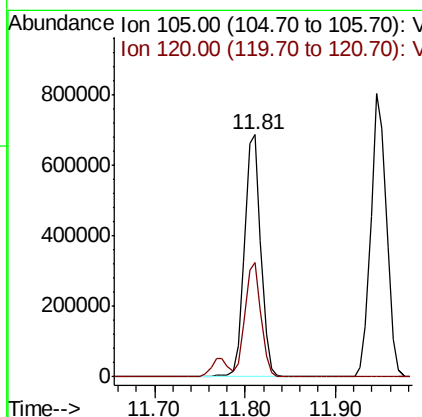
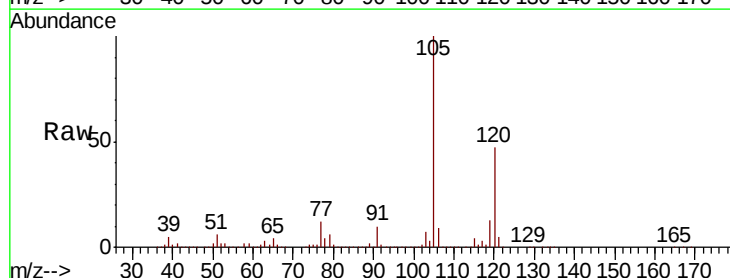
Manual Integrations
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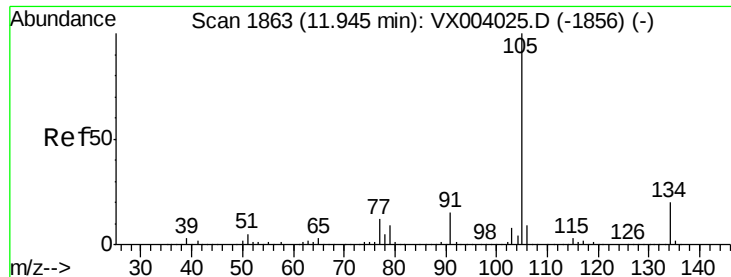
MMDadoda
 8/15/2018 4:49:52 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 50.75 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	852957		
120	46.2	23.1	69.2	





#85

sec-Butylbenzene

Concen: 49.60 ug/l

RT: 11.95 min Scan# 1863

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 962640

Ion Ratio Lower Upper

105 100

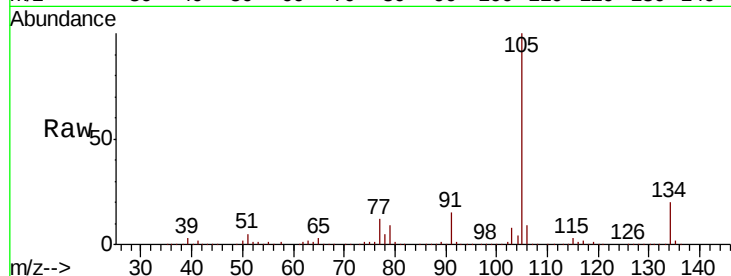
134 20.9 10.3 30.9

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

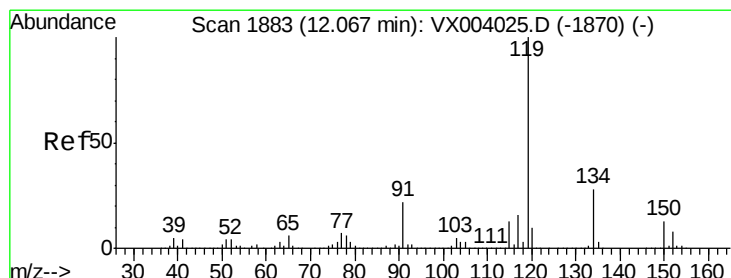
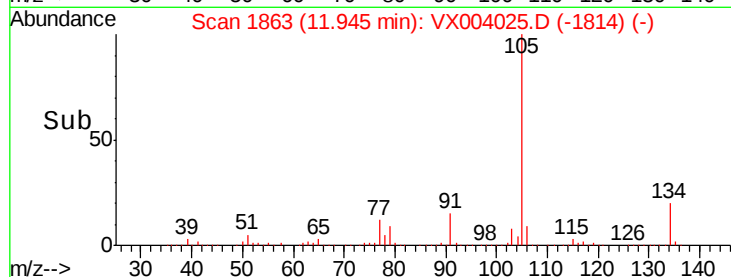
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 49.82 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

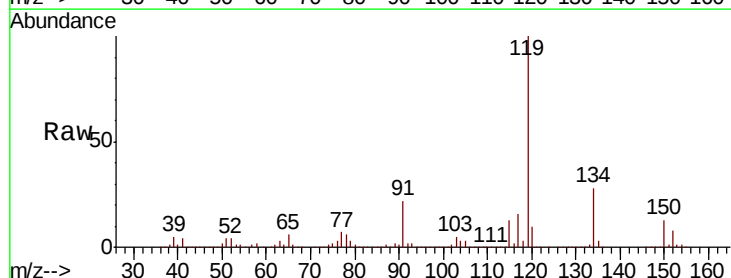
Tgt Ion:119 Resp: 867675

Ion Ratio Lower Upper

119 100

134 27.2 13.3 39.8

91 22.5 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

1000000

800000

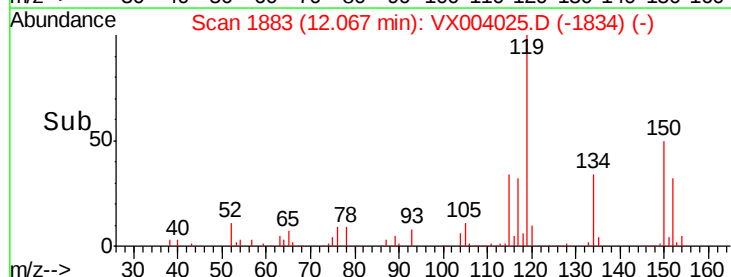
600000

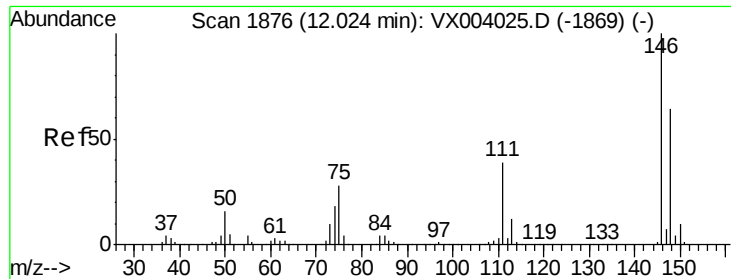
400000

200000

0

Time-->





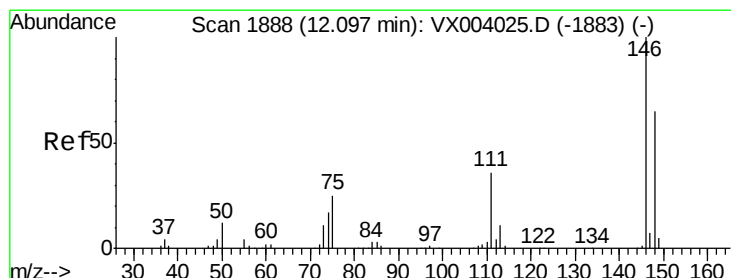
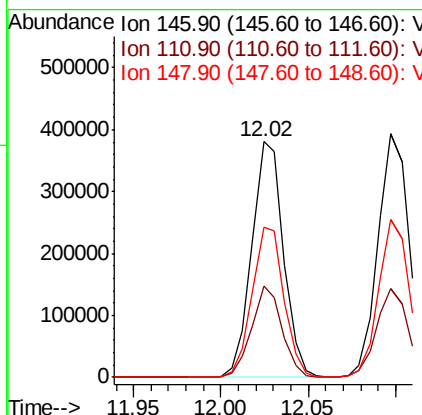
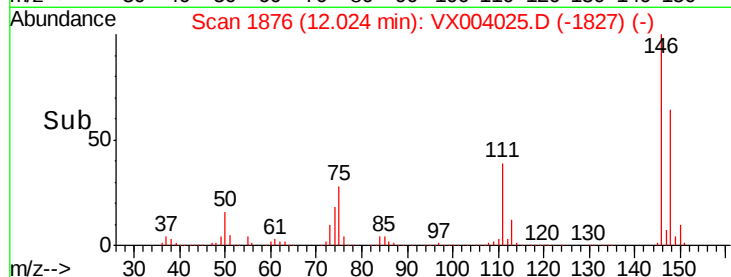
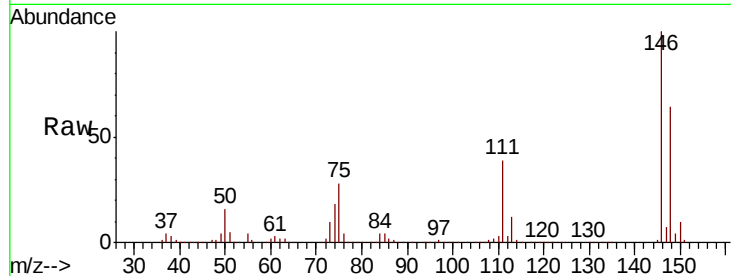
#87
 1,3-Dichlorobenzene
 Concen: 47.41 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.8	56.4
148	64.2	31.9	95.5

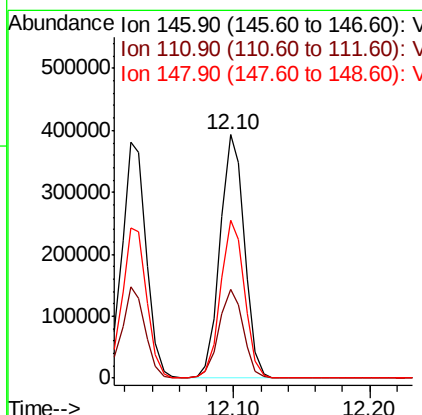
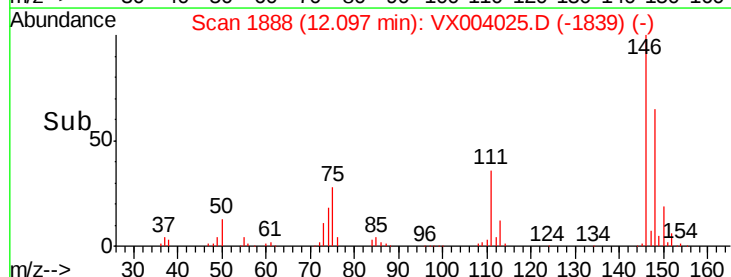
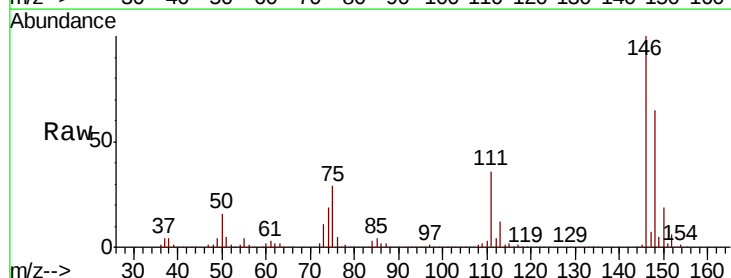
Manual Integrations
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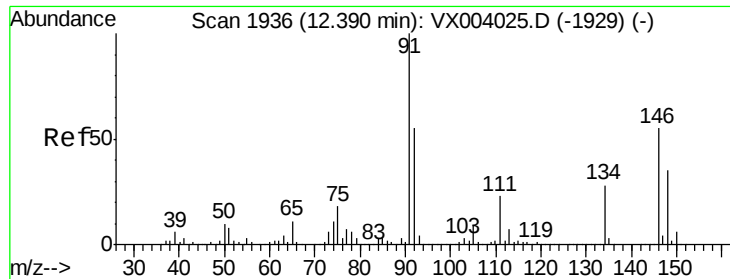
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#88
 1,4-Dichlorobenzene
 Concen: 46.37 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.4	55.0
148	63.8	32.3	96.8





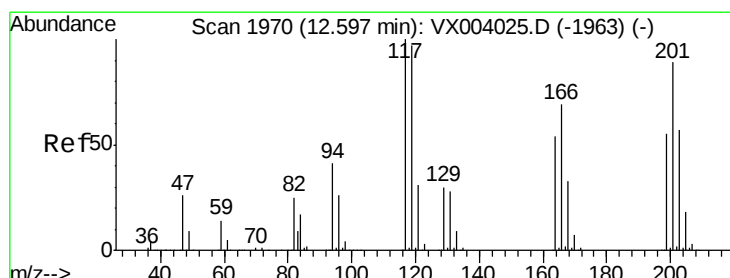
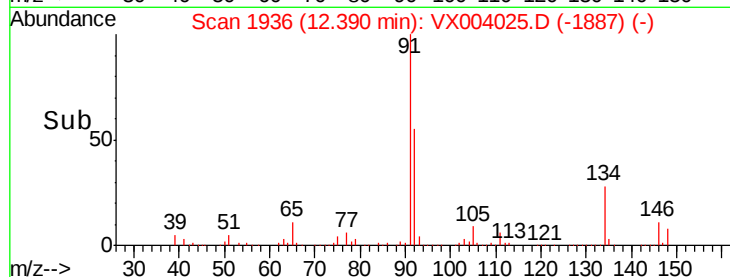
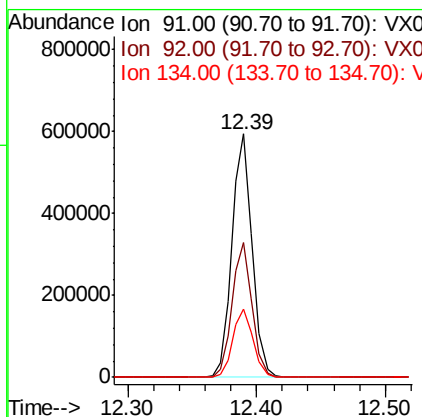
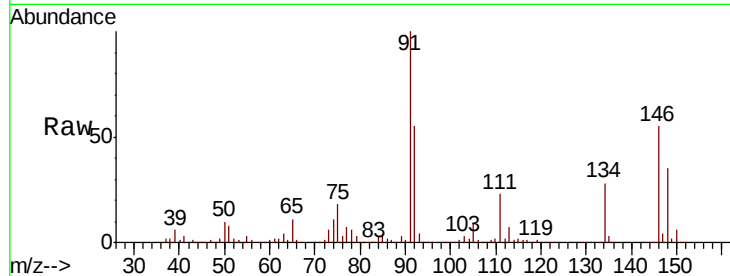
#89
n-Butylbenzene
Concen: 42.99 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.1	81.3
134	28.1	13.6	40.7

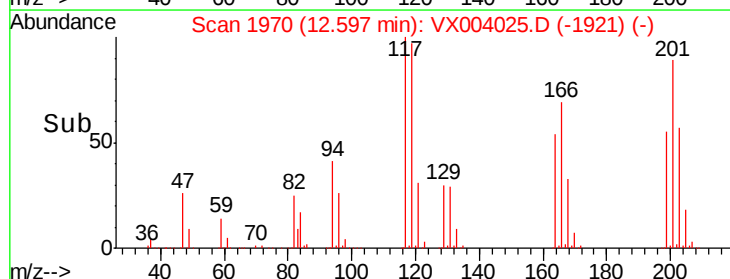
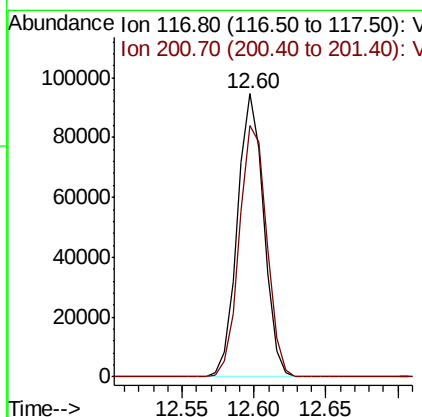
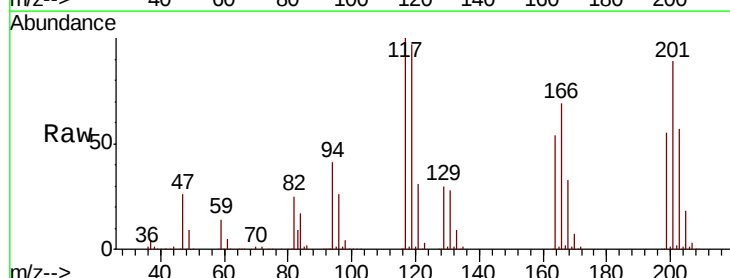
Manual Integrations
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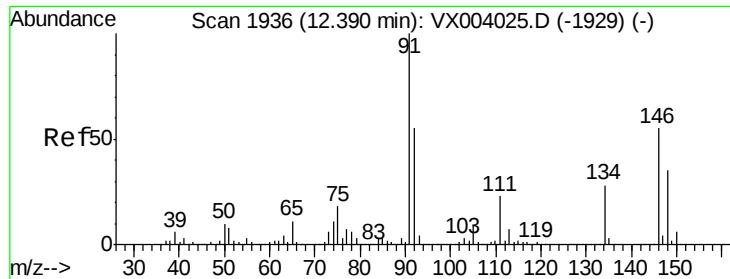
MMDadoda
8/15/2018 4:49:52 PM



#90
Hexachloroethane
Concen: 42.69 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.0	46.1	138.2





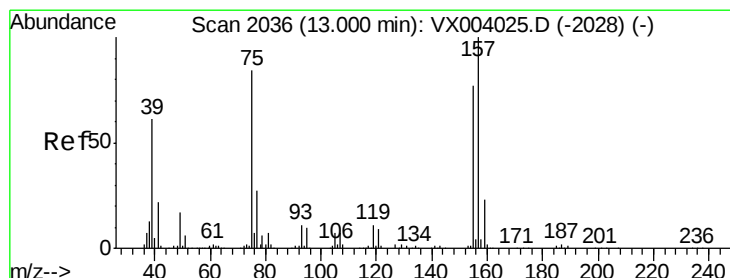
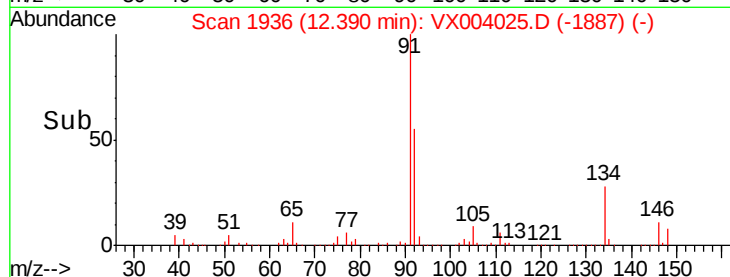
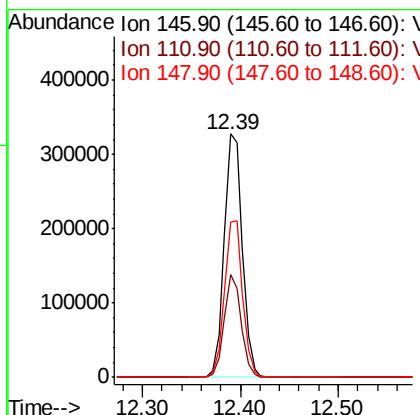
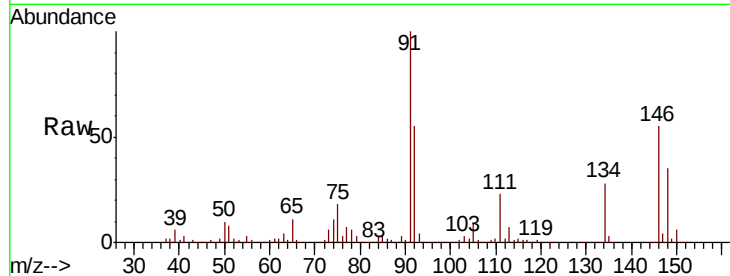
#91
 1,2-Dichlorobenzene
 Concen: 41.75 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.7	59.0
148	64.6	31.9	95.5

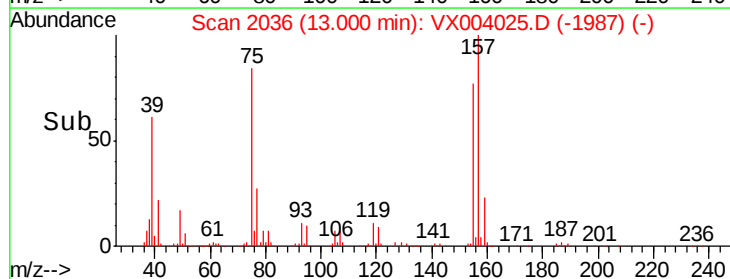
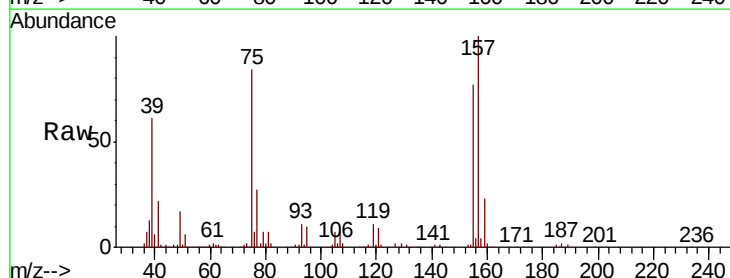
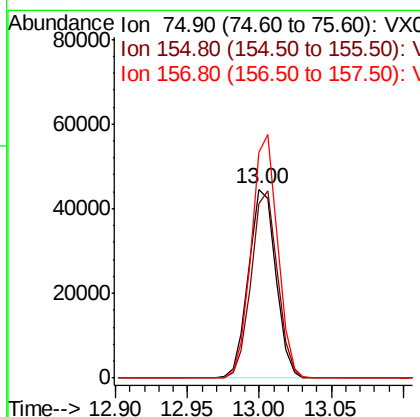
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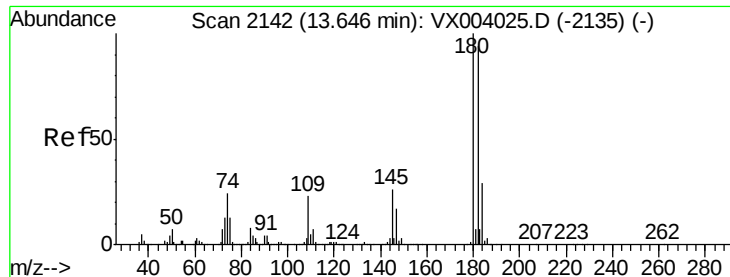
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 40.38 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.1	48.7	146.1
157	123.5	62.6	187.8





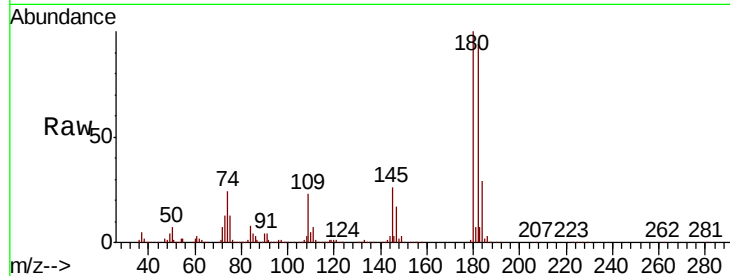
#93
 1,2,4-Trichlorobenzene
 Concen: 44.32 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

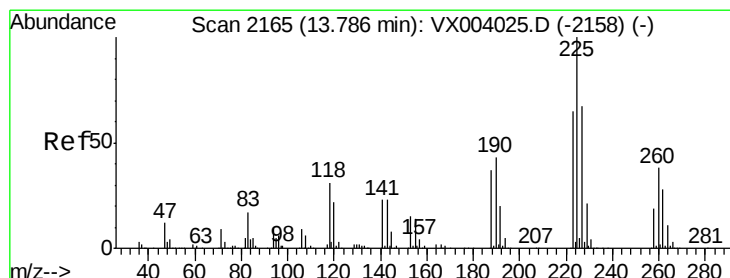
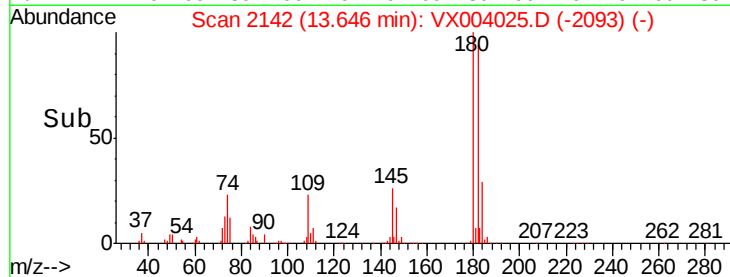
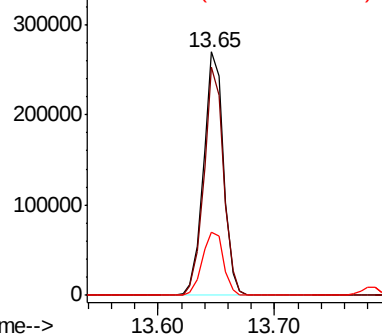
Tot Ion	Ratio	Resp	Lower	Upper
180	100	319423		
182	92.6	47.7	143.1	
145	27.7	13.9	41.6	

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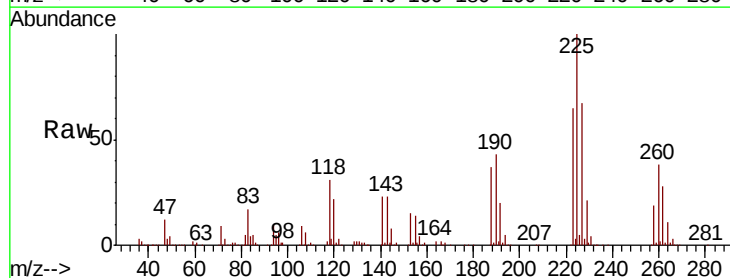


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

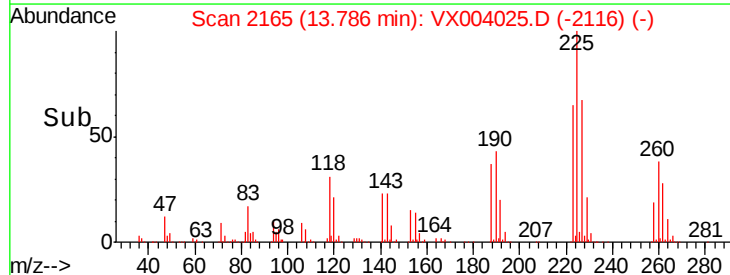
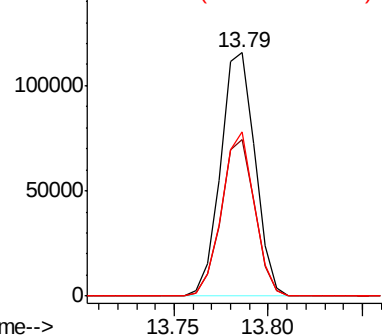


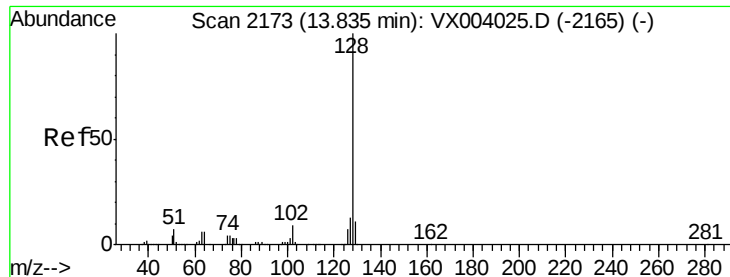
#94
 Hexachlorobutadiene
 Concen: 43.43 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	146615		
223	62.9	31.4	94.0	
227	64.0	32.1	96.5	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





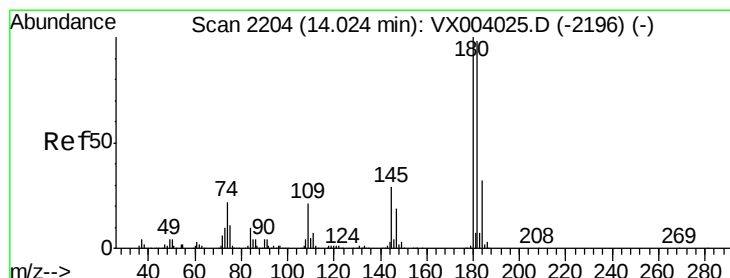
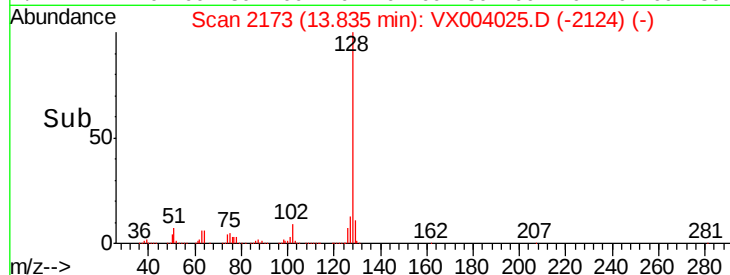
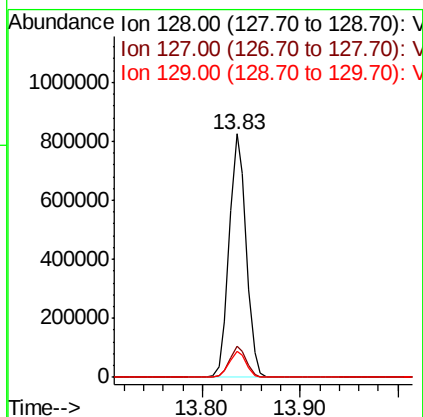
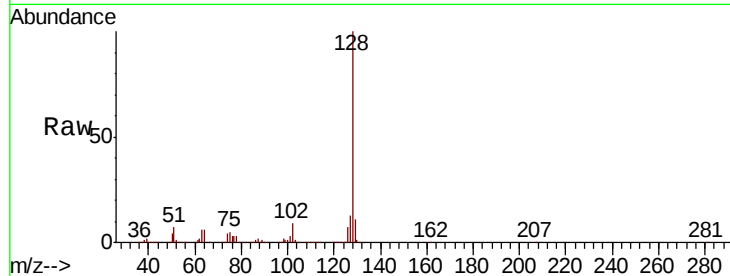
#95
Naphthalene
Concen: 48.11 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.8	8.8	13.2

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#96
1,2,3-Trichlorobenzene
Concen: 48.21 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.1	144.4
145	29.8	14.9	44.7

