

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111518\
 Data File : VX006035.D
 Acq On : 15 Nov 2018 21:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/16/2018 10:52:52 AM

Quant Time: Nov 16 01:31:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	150994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	213986	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	192204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131816	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	78568	45.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.52%	
35) Dibromofluoromethane	5.50	113	65409	44.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.88%	
50) Toluene-d8	8.71	98	221705	45.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.64%	
62) 4-Bromofluorobenzene	11.14	95	85475	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	53273	39.13	ug/l	99
3) Chloromethane	1.32	50	68295	38.23	ug/l	96
4) Vinyl Chloride	1.41	62	72436	40.39	ug/l	97
5) Bromomethane	1.64	94	39397	35.89	ug/l	95
6) Chloroethane	1.71	64	44777	41.84	ug/l	96
7) Trichlorofluoromethane	1.92	101	96611	40.58	ug/l	95
8) Diethyl Ether	2.19	74	41795	44.80	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	58103	42.43	ug/l	99
10) Methyl Iodide	2.51	142	73516	44.30	ug/l	97
11) Tert butyl alcohol	3.08	59	101827	204.77	ug/l	100
12) 1,1-Dichloroethene	2.37	96	56555	42.38	ug/l	96
13) Acrolein	2.29	56	55101	233.74	ug/l	100
14) Allyl chloride	2.72	41	123736	41.51	ug/l	97
15) Acrylonitrile	3.15	53	227933	221.18	ug/l	99
16) Acetone	2.45	43	190554	203.88	ug/l	98
17) Carbon Disulfide	2.57	76	142724	35.85	ug/l	99
18) Methyl Acetate	2.78	43	118063	47.05	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	221345	48.59	ug/l	100
20) Methylene Chloride	2.85	84	67420	43.91	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	60550	43.01	ug/l	91
22) Diisopropyl ether	3.87	45	244383	46.80	ug/l #	95
23) Vinyl Acetate	3.82	43	1022404	228.36	ug/l	98
24) 1,1-Dichloroethane	3.70	63	124397	44.65	ug/l	99
25) 2-Butanone	4.70	43	323990	220.49	ug/l	98
26) 2,2-Dichloropropane	4.58	77	83189	40.71	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	71463	45.98	ug/l	97
28) Bromochloromethane	5.02	49	61760	49.60	ug/l	95
29) Tetrahydrofuran	5.15	42	206452	218.82	ug/l	96
30) Chloroform	5.21	83	122706	45.65	ug/l	91
31) Cyclohexane	5.58	56	101604	42.02	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	100609	44.88	ug/l	99
36) 1,1-Dichloropropene	5.79	75	89920	43.59	ug/l	99
37) Ethyl Acetate	4.85	43	118500	43.68	ug/l	98
38) Carbon Tetrachloride	5.78	117	85143	41.23	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	89537	42.82	ug/l	97
40) Benzene	6.14	78	273005	45.40	ug/l	92
41) Methacrylonitrile	5.06	41	65745	44.85	ug/l	99
42) 1,2-Dichloroethane	6.20	62	93214	43.28	ug/l	98
43) Isopropyl Acetate	6.46	43	185287	47.14	ug/l	97
44) Trichloroethene	7.21	130	70989	46.48	ug/l	92
45) 1,2-Dichloropropane	7.52	63	69301	47.48	ug/l	99
46) Dibromomethane	7.66	93	41272	45.06	ug/l	96
47) Bromodichloromethane	7.90	83	81141	46.88	ug/l	96
48) Methyl methacrylate	7.77	41	84088	47.64	ug/l	98
49) 1,4-Dioxane	7.75	88	34792	914.78	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	578472	233.51	ug/l	100
52) Toluene	8.79	92	156132	46.45	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	90887	44.49	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	99549	47.81	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	69608	46.47	ug/l	88
56) Ethyl methacrylate	9.18	69	112075	50.01	ug/l	96
57) 1,3-Dichloropropane	9.37	76	118708	47.16	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	285444	234.26	ug/l	100
59) 2-Hexanone	9.49	43	490753	224.74	ug/l	97
60) Dibromochloromethane	9.59	129	73277	45.26	ug/l	97
61) 1,2-Dibromoethane	9.68	107	74797	45.16	ug/l	99
64) Tetrachloroethene	9.34	164	70336	42.98	ug/l	94
65) Chlorobenzene	10.14	112	173130	44.96	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	61330	45.82	ug/l	98
67) Ethyl Benzene	10.25	91	294750	47.74	ug/l	100
68) m/p-Xylenes	10.36	106	223342	94.83	ug/l	100
69) o-Xylene	10.70	106	109989	52.08	ug/l	99
70) Styrene	10.71	104	185005	53.11	ug/l	100
71) Bromoform	10.86	173	53632	47.79	ug/l #	98
73) Isopropylbenzene	11.02	105	300298	39.39	ug/l	99
74) N-amyl acetate	10.90	43	154820	36.54	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	106634	38.11	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	100971m	37.62	ug/l	
77) Bromobenzene	11.26	156	82045	38.19	ug/l	98
78) n-propylbenzene	11.36	91	364847	40.61	ug/l	99
79) 2-Chlorotoluene	11.42	91	214769	39.55	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	283974	43.84	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	31760	37.71	ug/l	94
82) 4-Chlorotoluene	11.51	91	264249	41.29	ug/l	99
83) tert-Butylbenzene	11.77	119	315650	48.17	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	327405	45.79	ug/l	98
85) sec-Butylbenzene	11.94	105	392556	48.98	ug/l	100
86) p-Isopropyltoluene	12.07	119	350018	49.31	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	189131	45.87	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	192620	45.63	ug/l	100
89) n-Butylbenzene	12.39	91	310533	47.20	ug/l	99
90) Hexachloroethane	12.60	117	53503	45.15	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	189458	45.87	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	30309	44.39	ug/l	87

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	143776	49.44	ug/l	100
94) Hexachlorobutadiene	13.79	225	67726	44.34	ug/l	99
95) Naphthalene	13.83	128	456209	48.15	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	145139	48.99	ug/l	99

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

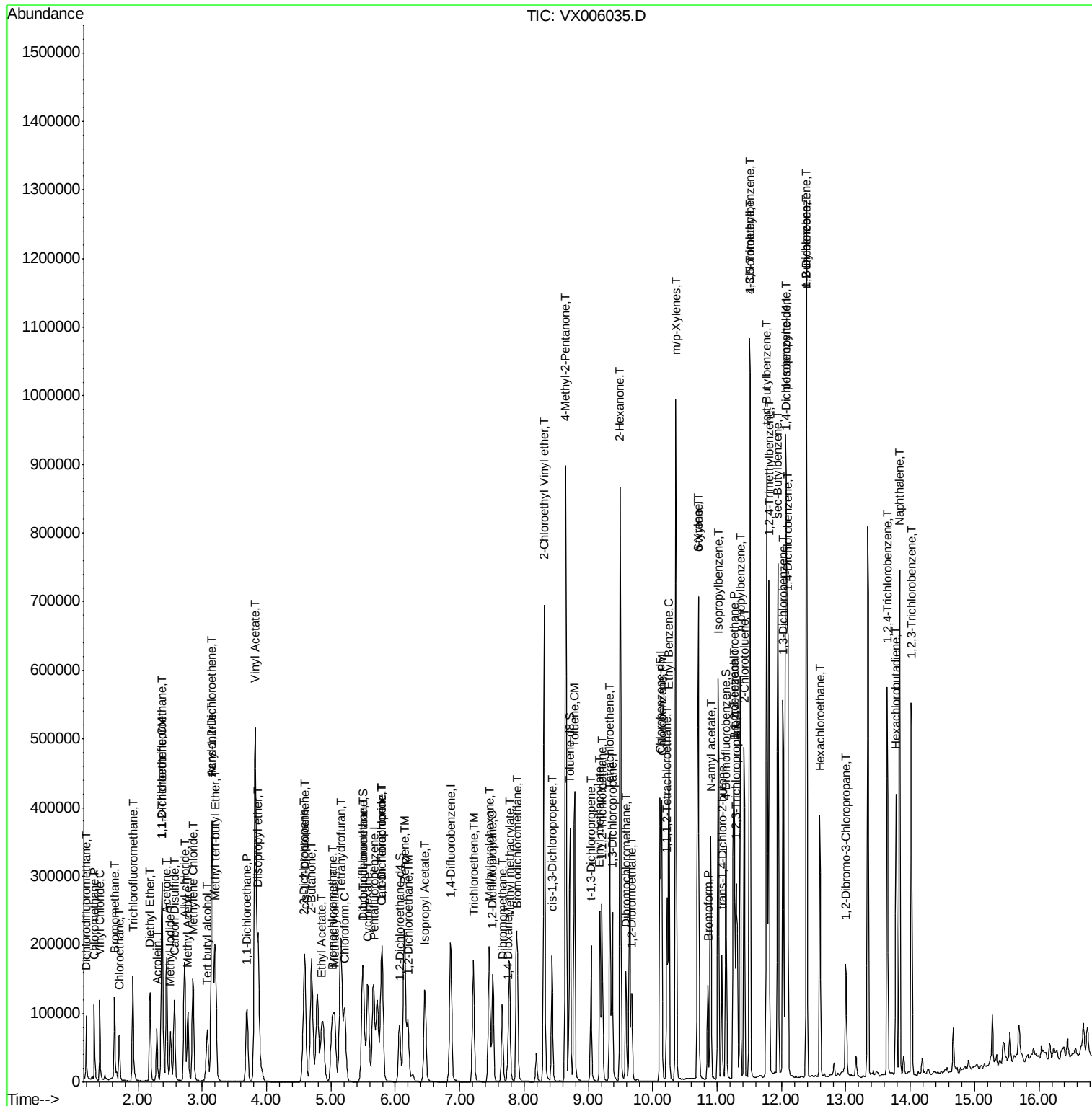
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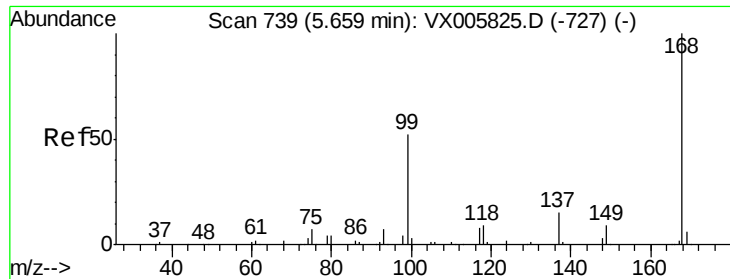
Instrument :
MSVOA_X
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 150994

Ion Ratio Lower Upper

168 100

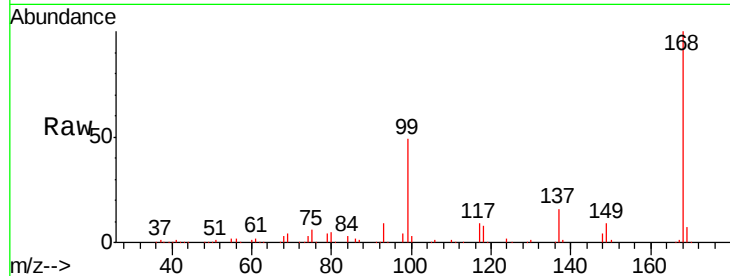
99 49.2 40.7 61.1

Manual Integrations

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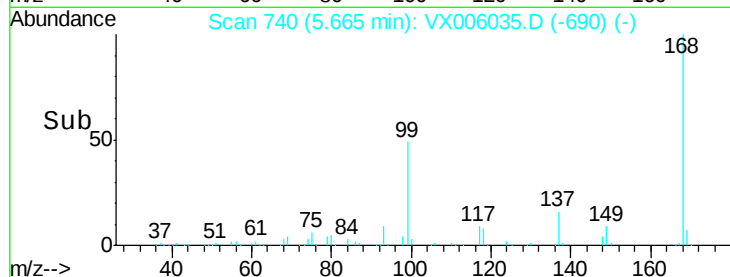


Abundance Ion 167.90 (167.60 to 168.60): V

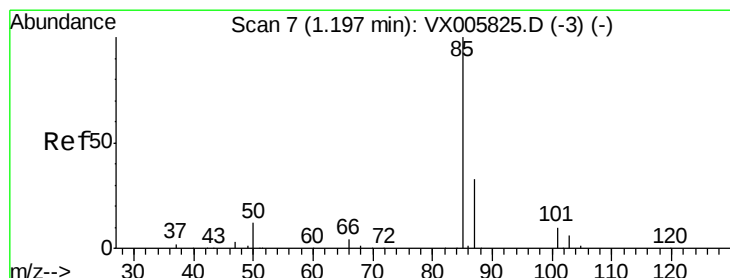
Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



Time-->



#2

Dichlorodifluoromethane

Concen: 39.13 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006035.D

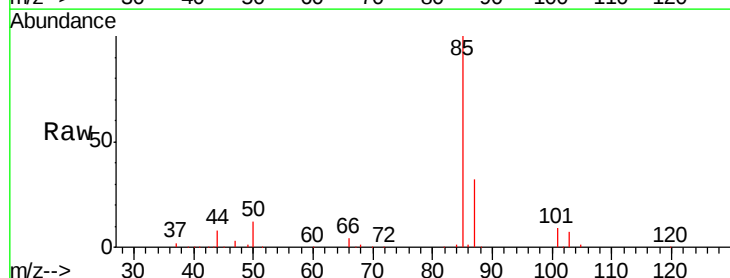
Acq: 15 Nov 2018 21:59

Tgt Ion: 85 Resp: 53273

Ion Ratio Lower Upper

85 100

87 32.3 16.3 48.9

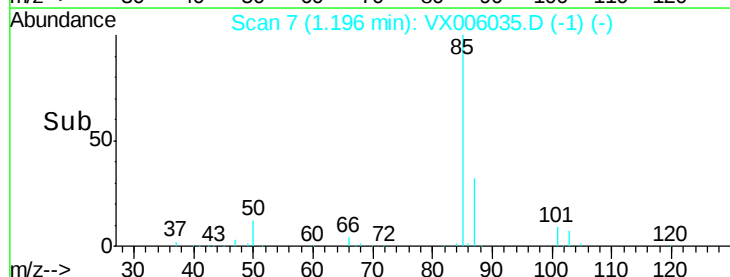


Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->



Time-->



#3

Chloromethane

Concen: 38.23 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 68295

Ion Ratio Lower Upper

50 100

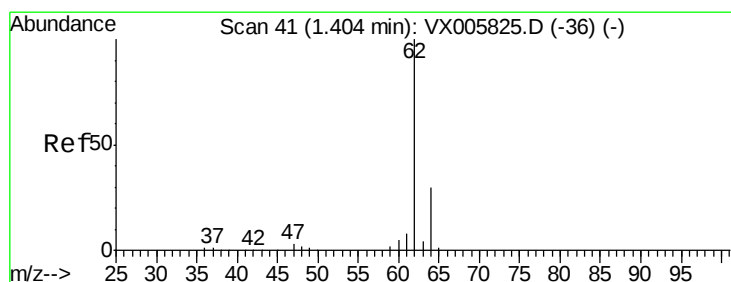
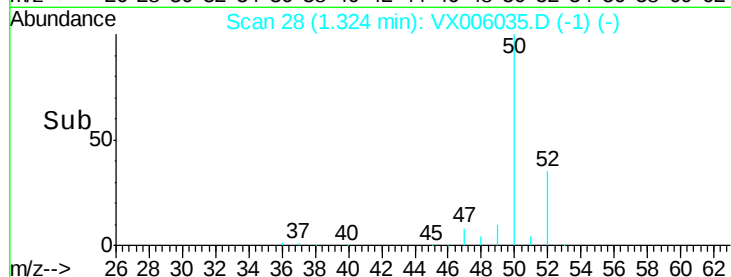
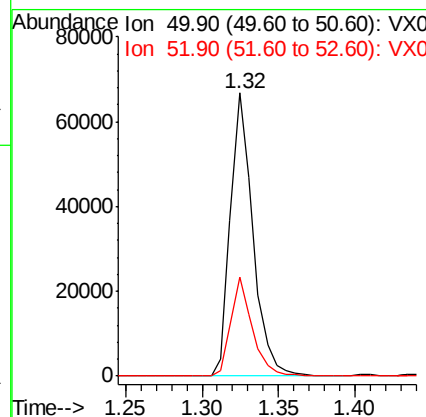
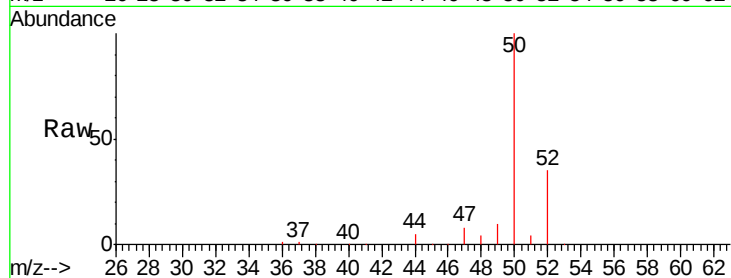
52 35.0 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 40.39 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX006035.D

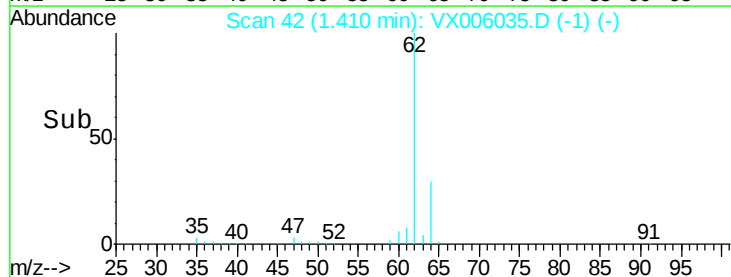
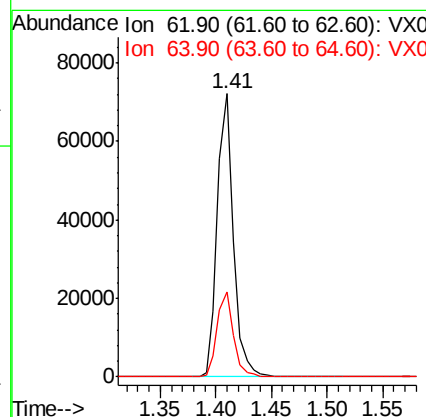
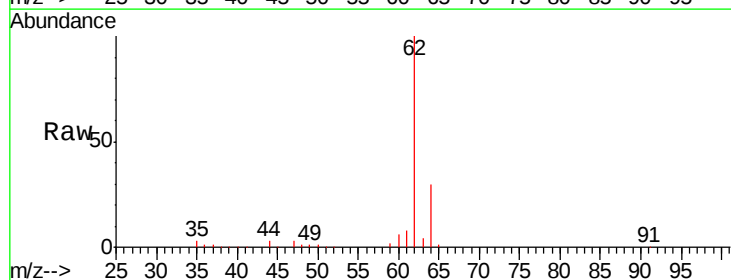
Acq: 15 Nov 2018 21:59

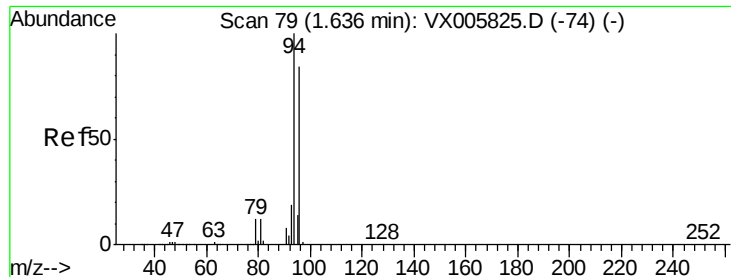
Tgt Ion: 62 Resp: 72436

Ion Ratio Lower Upper

62 100

64 30.0 25.3 37.9





#5

Bromomethane

Concen: 35.89 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

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ClientSampleId :

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Tgt Ion: 94 Resp: 39397

Ion Ratio Lower Upper

94 100

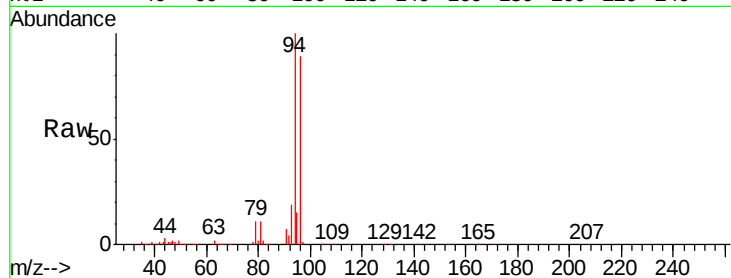
96 89.0 75.2 112.8

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

40000

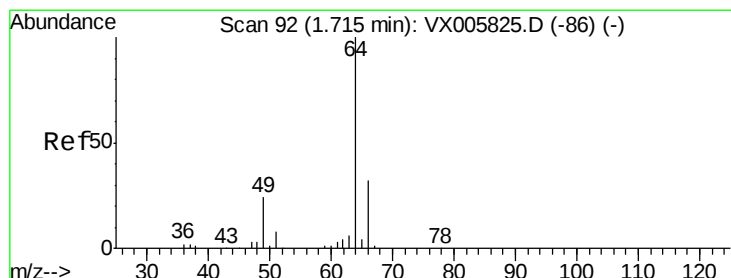
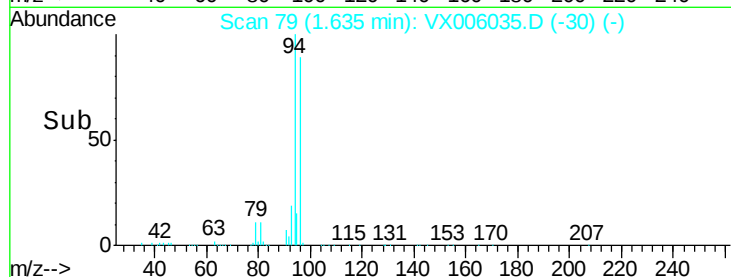
30000

20000

10000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 41.84 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX006035.D

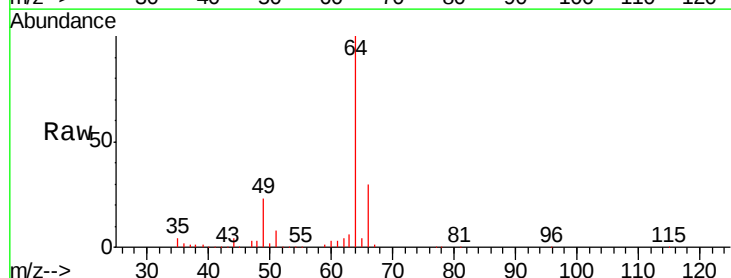
Acq: 15 Nov 2018 21:59

Tgt Ion: 64 Resp: 44777

Ion Ratio Lower Upper

64 100

66 29.9 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

40000

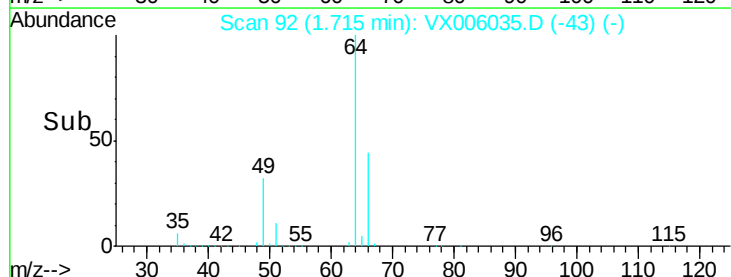
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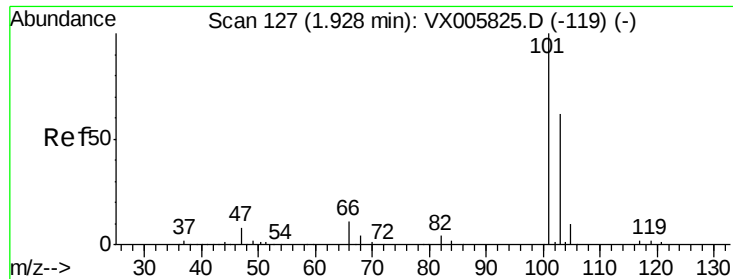
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Time--> 1.60 1.70 1.80





#7

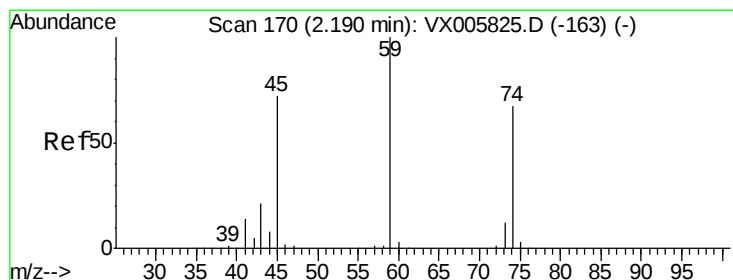
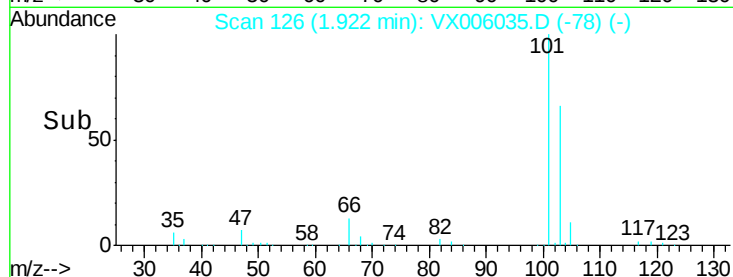
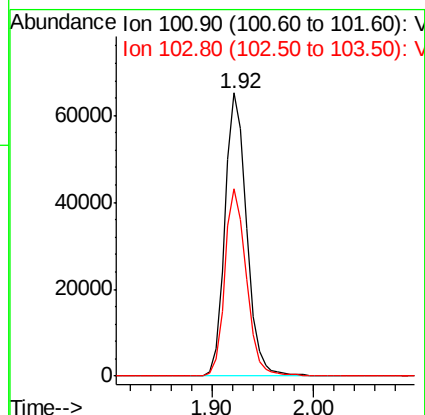
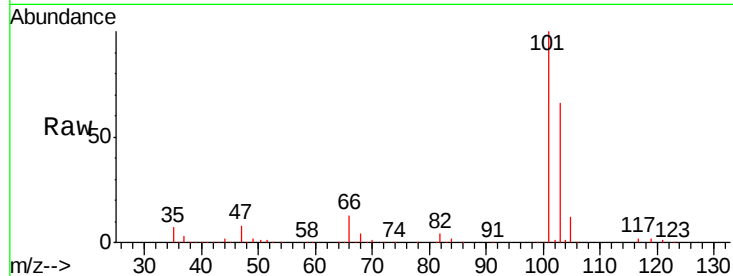
Trichlorofluoromethane
 Concen: 40.58 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 101 Resp: 96611
 Ion Ratio Lower Upper
 101 100
 103 66.2 50.0 75.0

Manual Integrations
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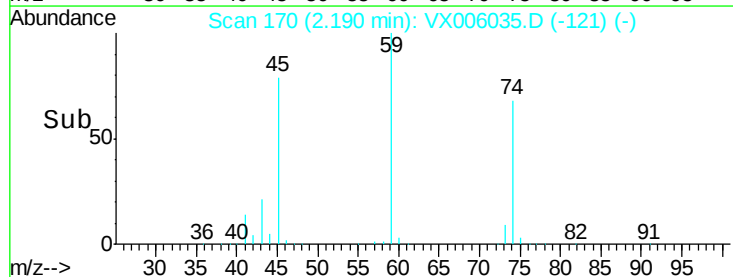
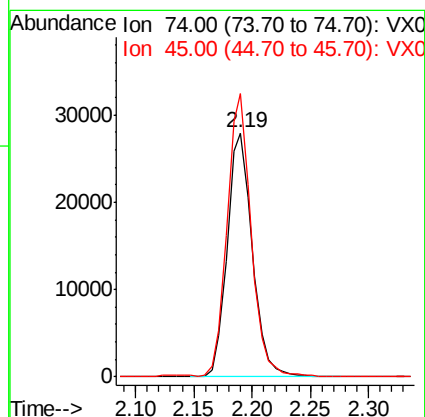
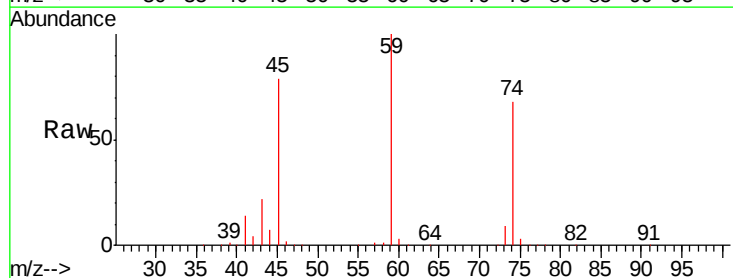
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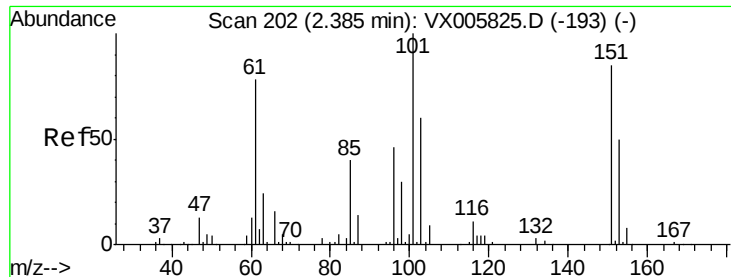


#8

Diethyl Ether
 Concen: 44.80 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Tgt Ion: 74 Resp: 41795
 Ion Ratio Lower Upper
 74 100
 45 109.6 54.1 162.3





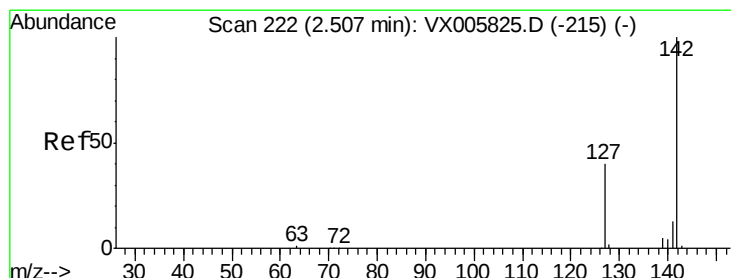
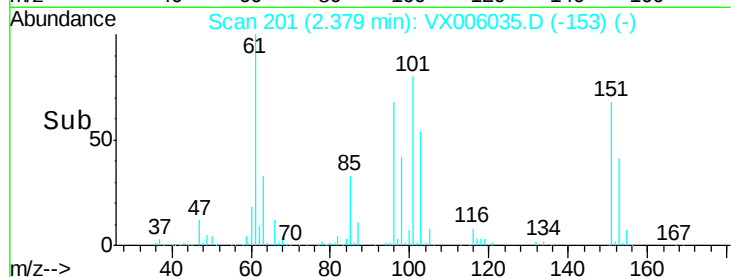
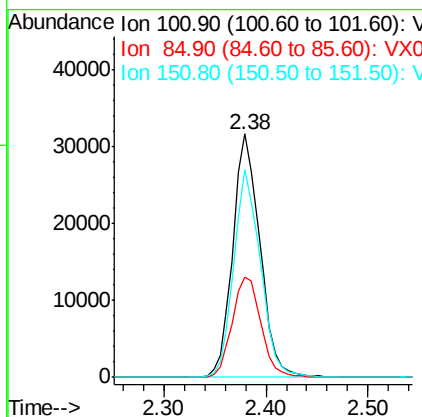
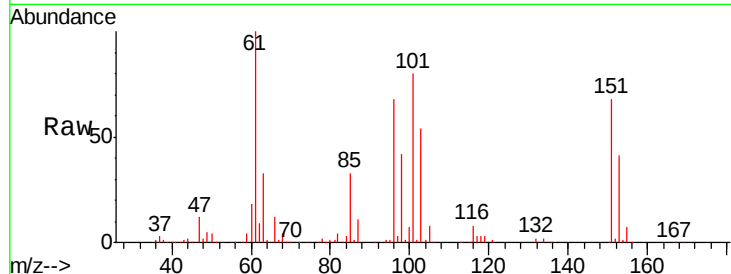
#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.43 ug/l
RT: 2.38 min Scan# 201
Delta R.T. -0.01 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
101	100		
85	43.5	35.0	52.4
151	84.2	66.2	99.2

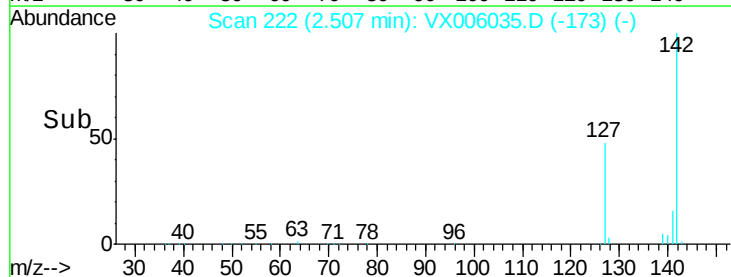
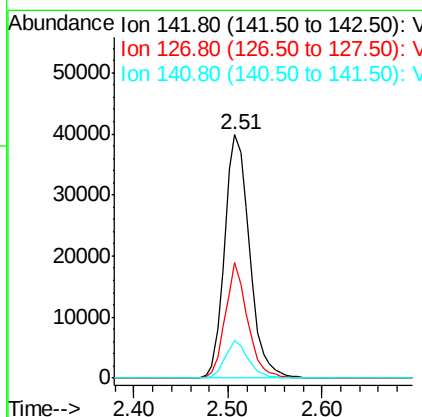
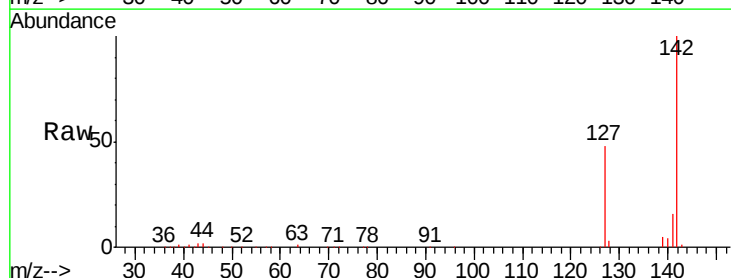
Manual Integrations
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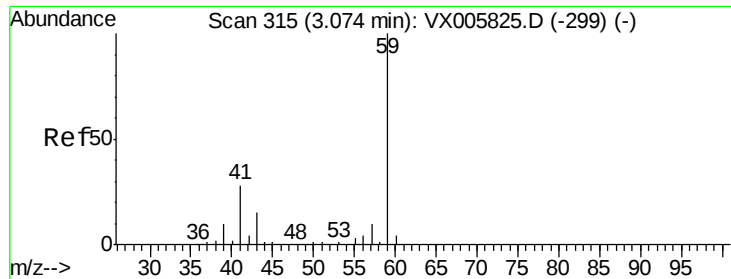
MMDadoda
11/16/2018 10:52:52 AM



#10
Methyl Iodide
Concen: 44.30 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.4	36.0	54.0
141	14.3	11.7	17.5





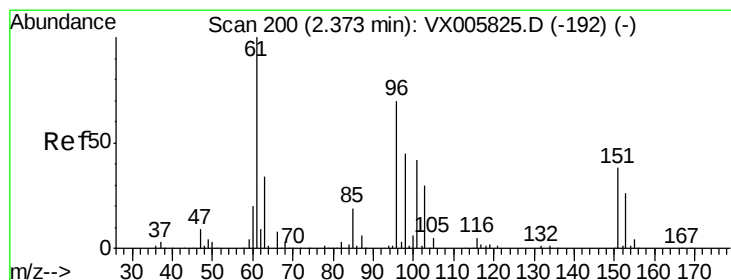
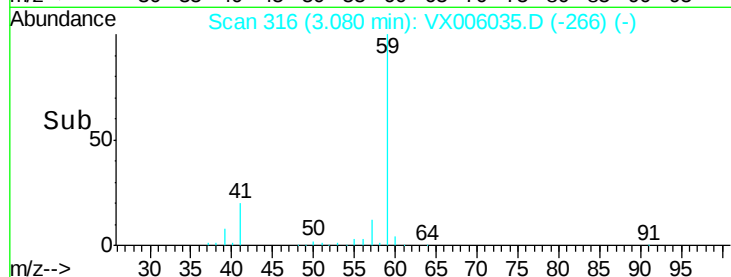
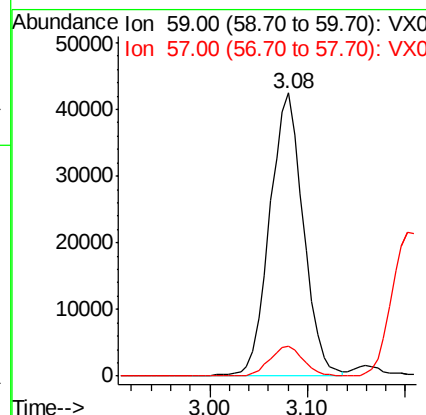
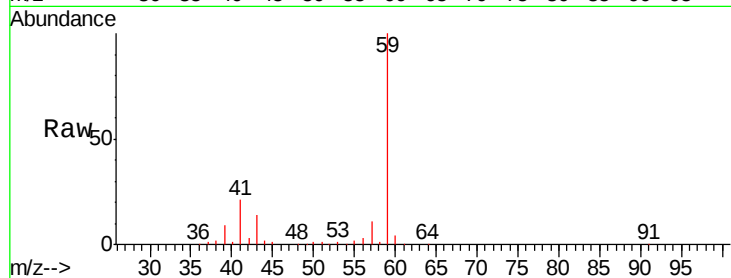
#11
Tert butyl alcohol
Concen: 204.77 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 101827
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

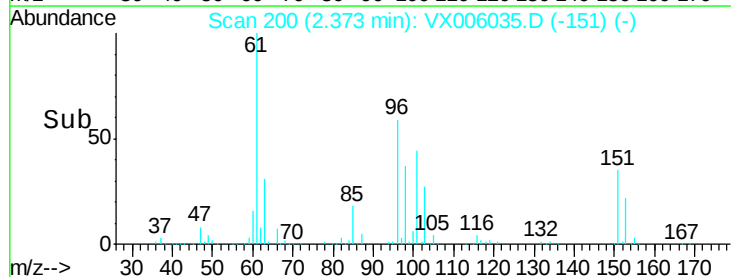
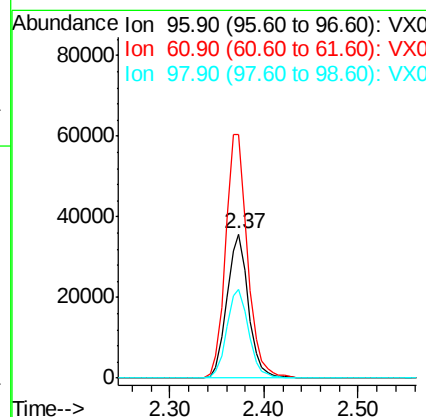
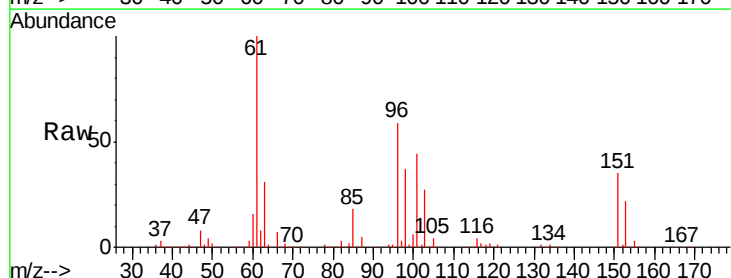
Manual Integrations
APPROVED

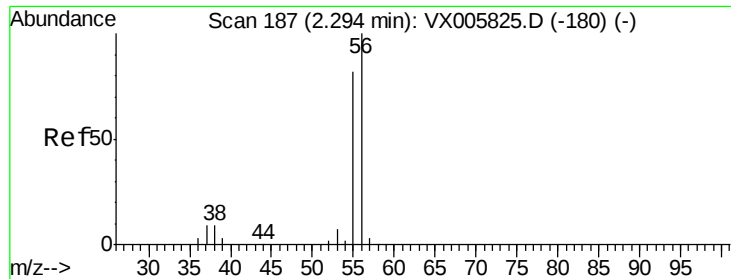
MMDadoda
11/16/2018 10:52:52 AM



#12
1,1-Dichloroethene
Concen: 42.38 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion: 96 Resp: 56555
Ion Ratio Lower Upper
96 100
61 168.7 131.8 197.8
98 62.0 53.4 80.2





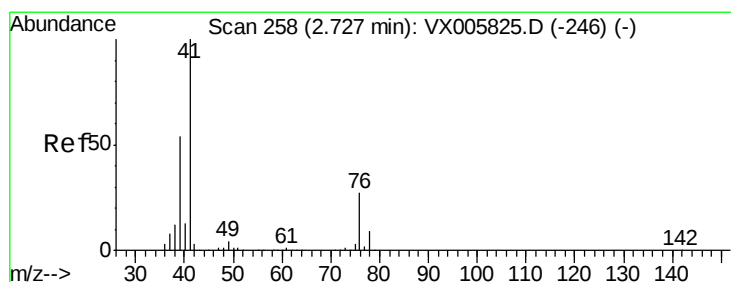
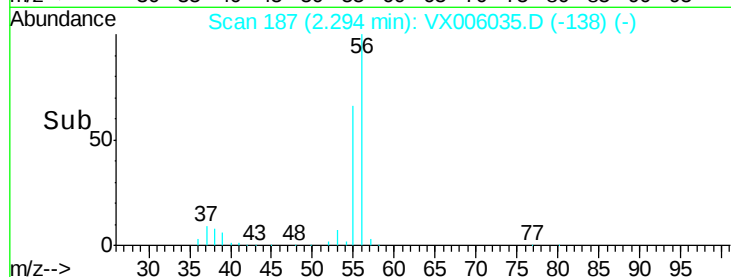
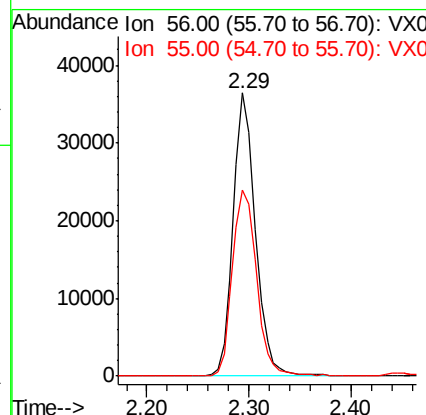
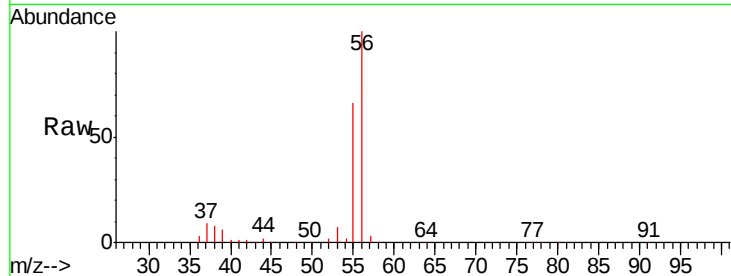
#13
Acrolein
Concen: 233.74 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
55	71.3	57.3	85.9

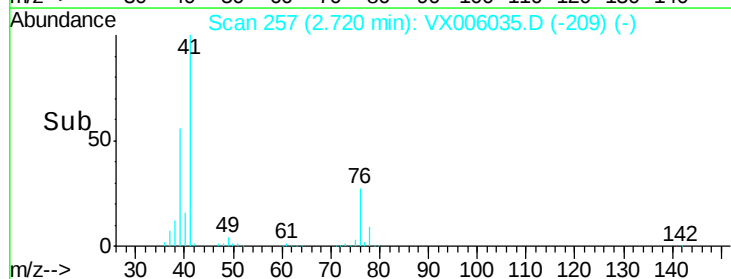
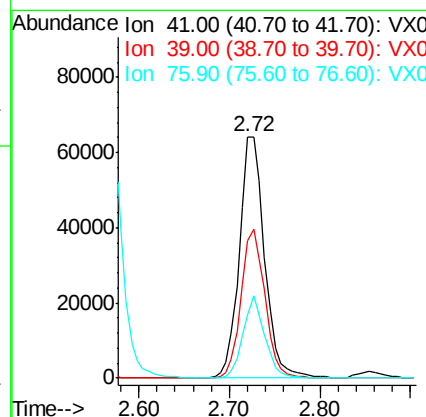
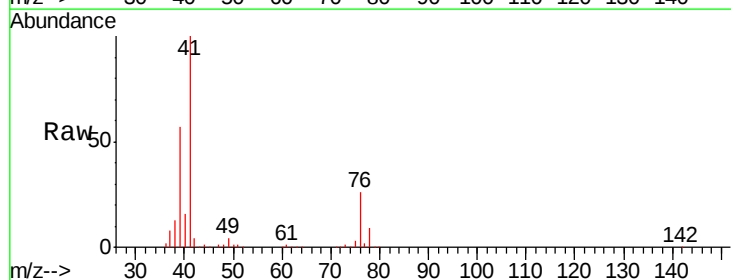
Manual Integrations
APPROVED

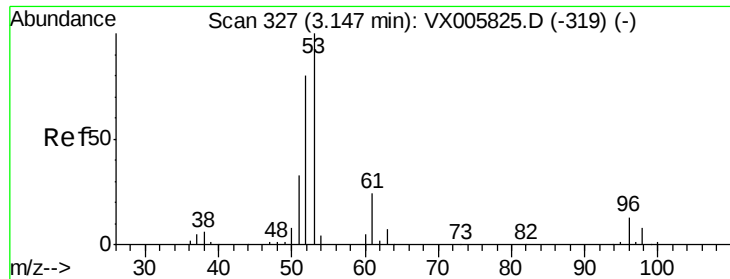
MMDadoda
11/16/2018 10:52:52 AM



#14
Allyl chloride
Concen: 41.51 ug/l
RT: 2.72 min Scan# 257
Delta R.T. -0.01 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion	Ratio	Lower	Upper
41	100		
39	58.4	48.2	72.4
76	29.4	21.9	32.9





#15

Acrylonitrile

Concen: 221.18 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

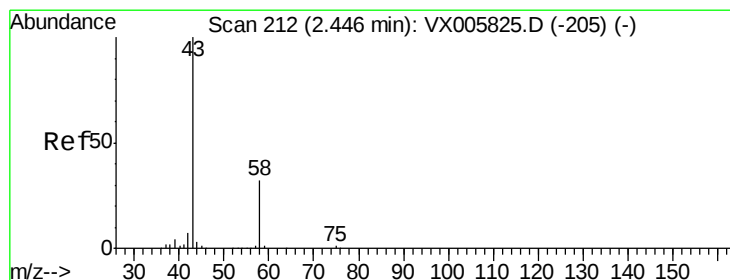
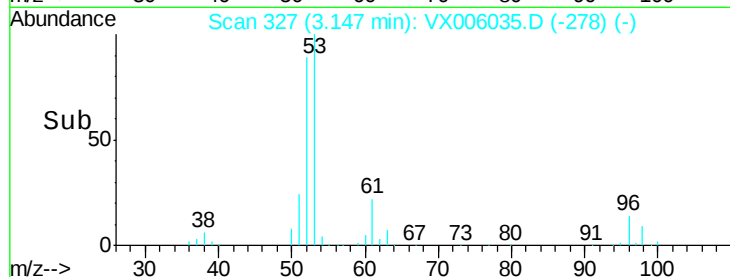
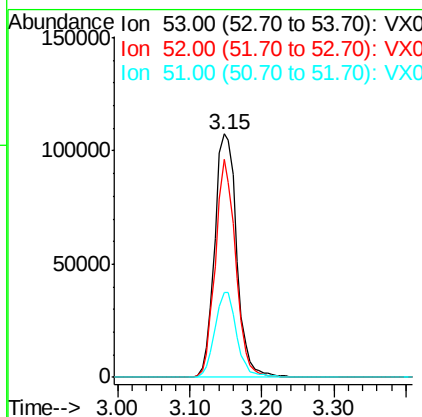
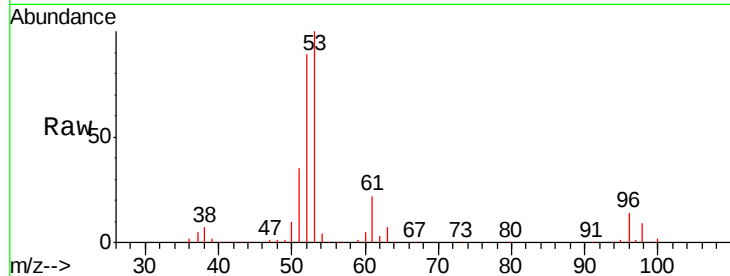
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	227933
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.6	99.8
51	34.7	28.4	42.6

Manual Integrations
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11/16/2018 10:52:52 AM



#16

Acetone

Concen: 203.88 ug/l

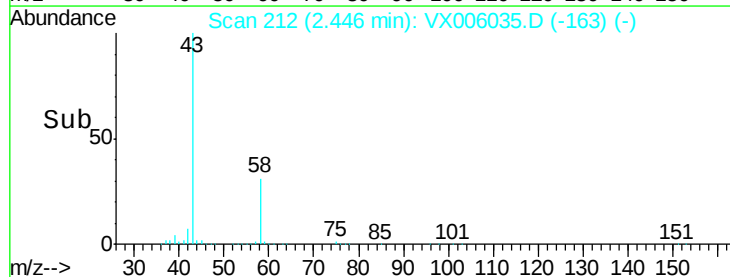
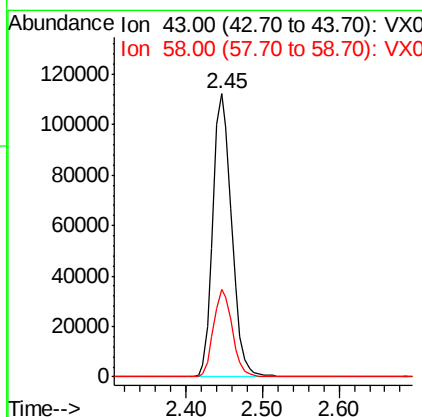
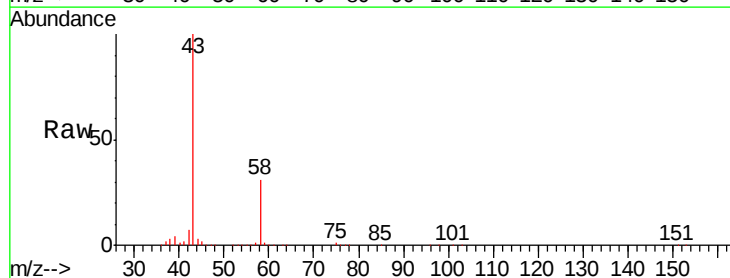
RT: 2.45 min Scan# 212

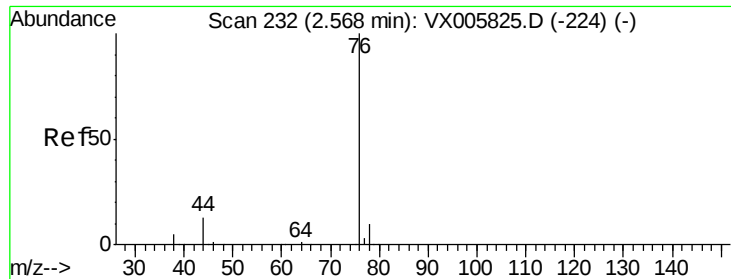
Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Tgt Ion:	43	Resp:	190554
Ion	Ratio	Lower	Upper
43	100		
58	30.8	23.8	35.6





#17

Carbon Disulfide

Concen: 35.85 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 142724

Ion Ratio Lower Upper

76 100

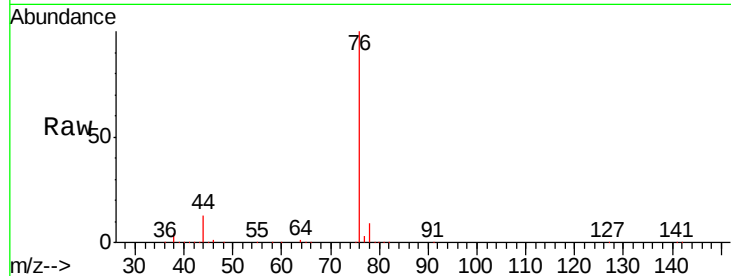
78 9.4 7.3 10.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

100000

80000

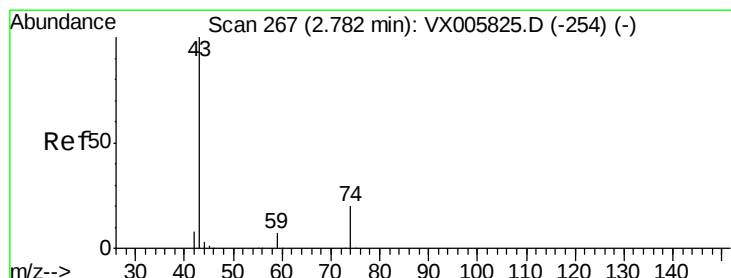
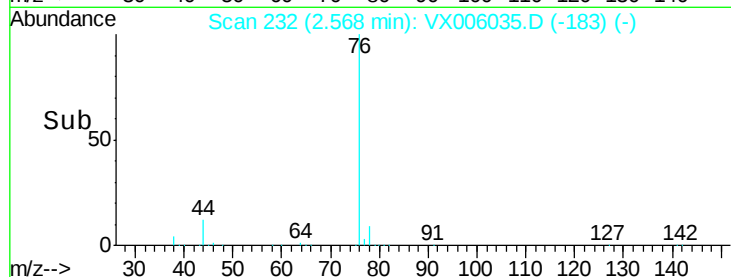
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 47.05 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX006035.D

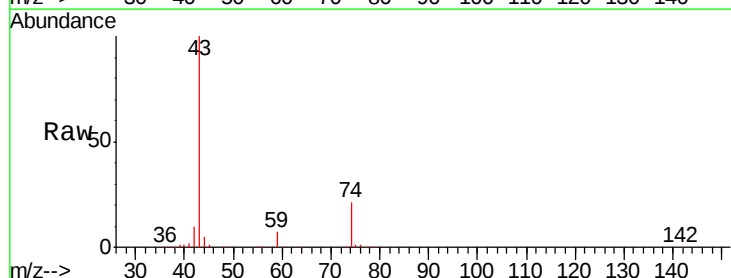
Acq: 15 Nov 2018 21:59

Tgt Ion: 43 Resp: 118063

Ion Ratio Lower Upper

43 100

74 21.1 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

80000

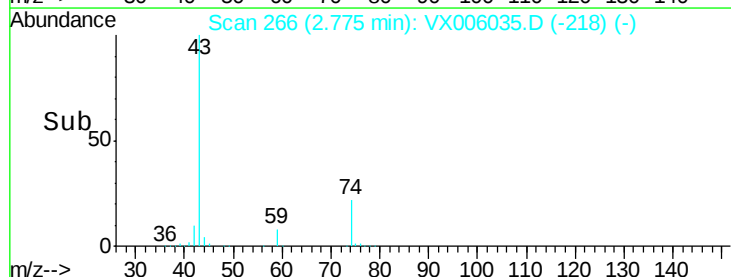
60000

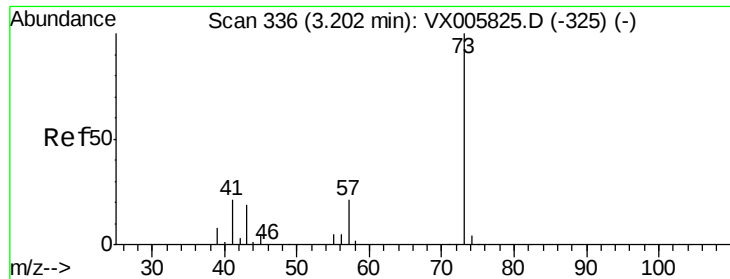
40000

20000

0

Time-->





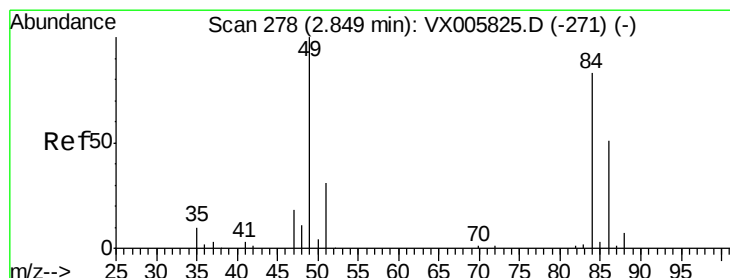
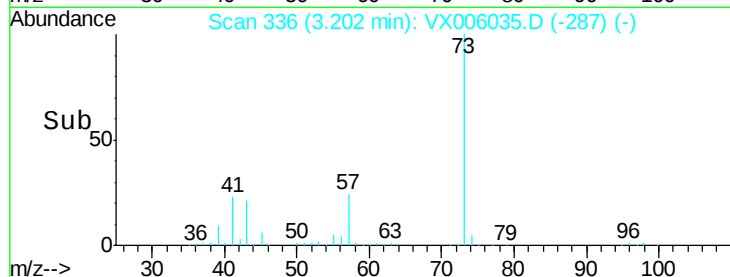
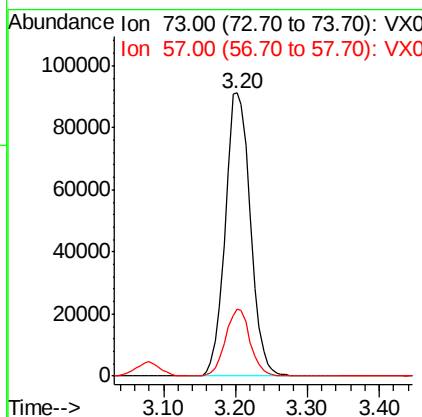
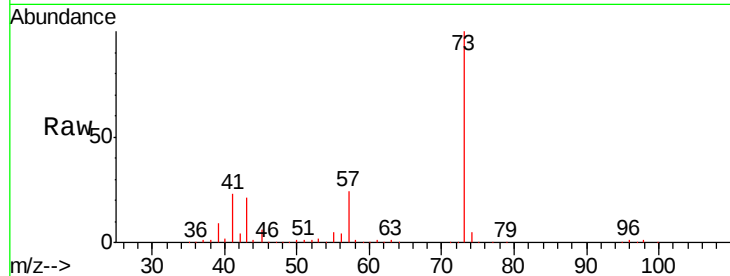
#19
Methyl tert-butyl Ether
Concen: 48.59 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 221345
Ion Ratio Lower Upper
73 100
57 23.6 18.8 28.2

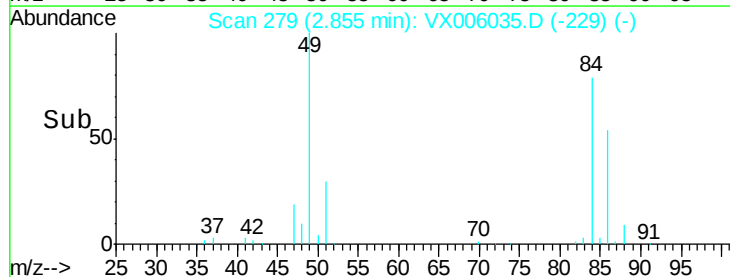
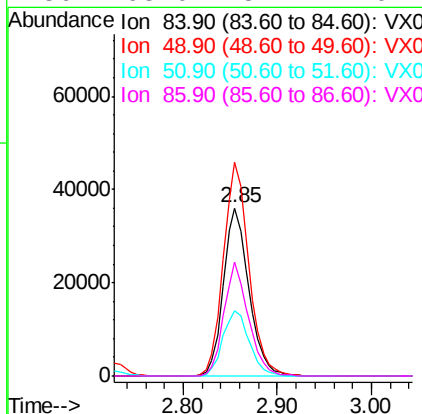
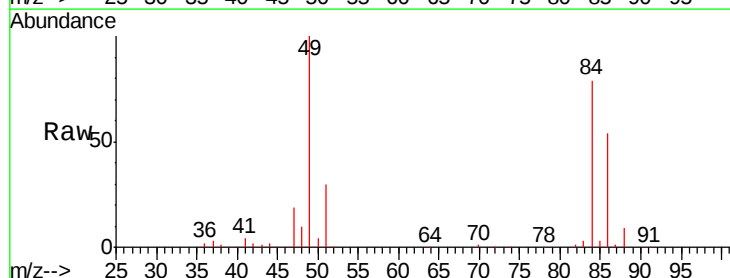
Manual Integrations
APPROVED

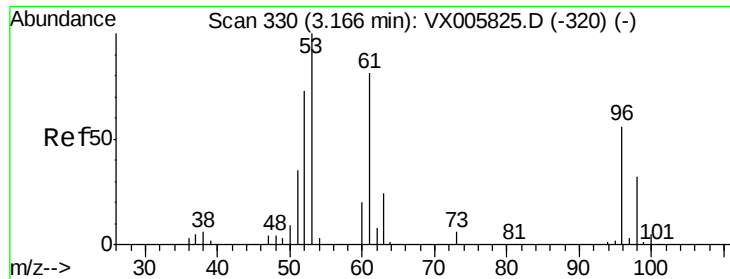
MMDadoda
11/16/2018 10:52:52 AM



#20
Methylene Chloride
Concen: 43.91 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion: 84 Resp: 67420
Ion Ratio Lower Upper
84 100
49 127.0 109.5 164.3
51 38.5 33.3 49.9
86 68.0 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 43.01 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

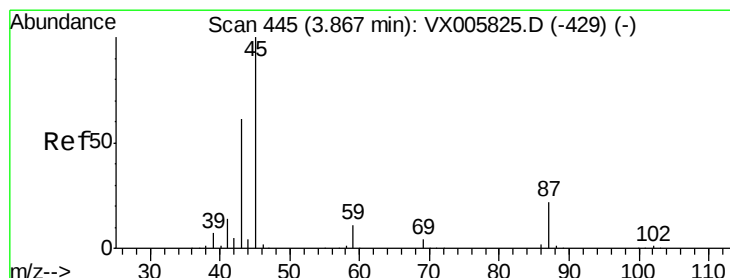
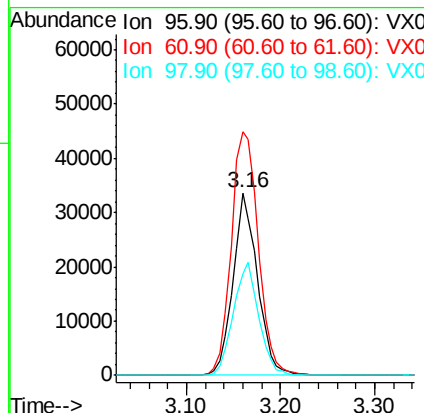
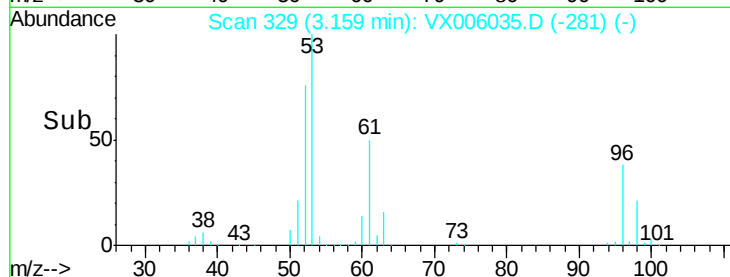
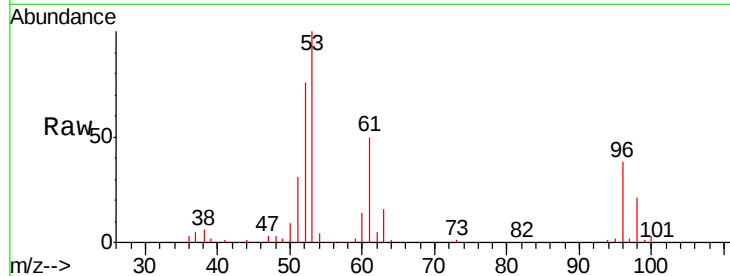
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	60550
Ion	Ratio	Lower	Upper
96	100		
61	133.4	115.6	173.4
98	55.5	50.2	75.2

Manual Integrations
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11/16/2018 10:52:52 AM



#22

Diisopropyl ether

Concen: 46.80 ug/l

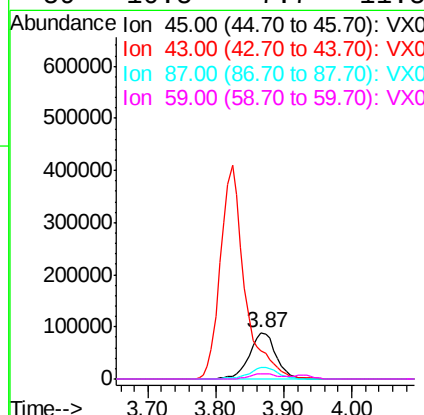
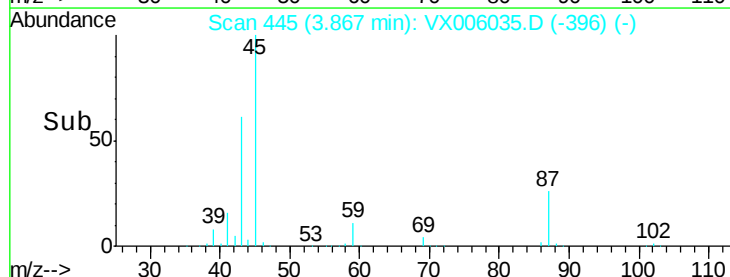
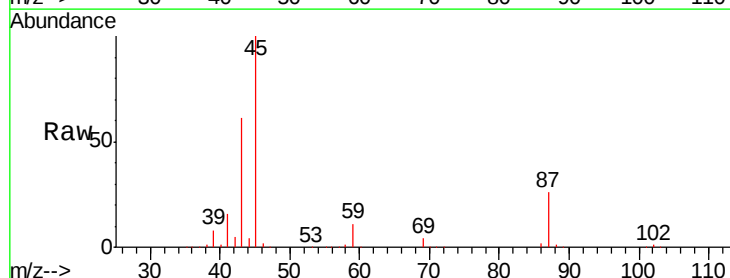
RT: 3.87 min Scan# 445

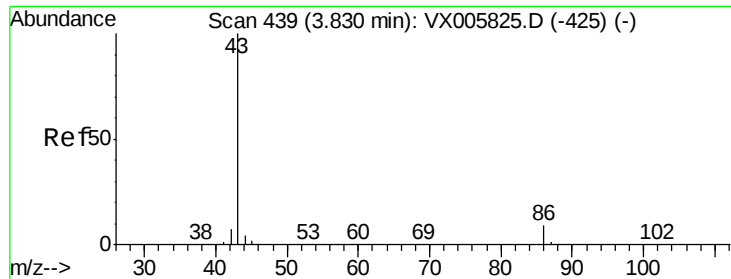
Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Tgt Ion:	45	Resp:	244383
Ion	Ratio	Lower	Upper
45	100		
43	60.9	47.4	71.2
87	25.8	15.9	23.9
59	10.5	7.7	11.5





#23

Vinyl Acetate

Concen: 228.36 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1022404

Ion Ratio Lower Upper

43 100

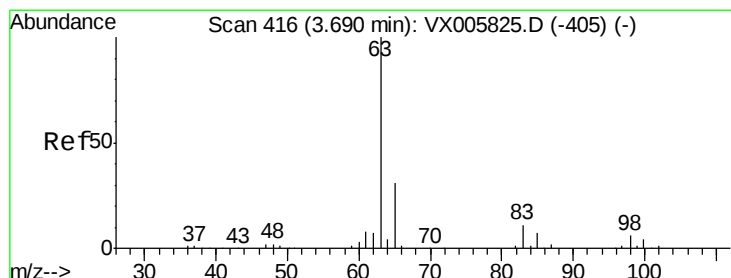
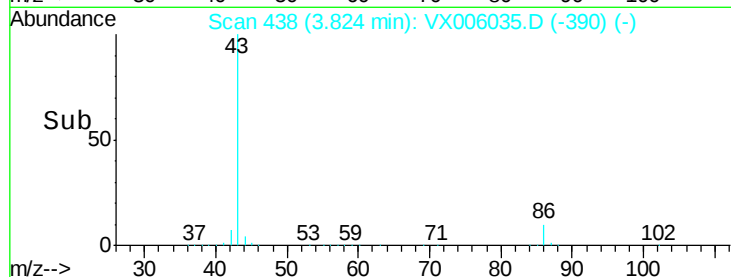
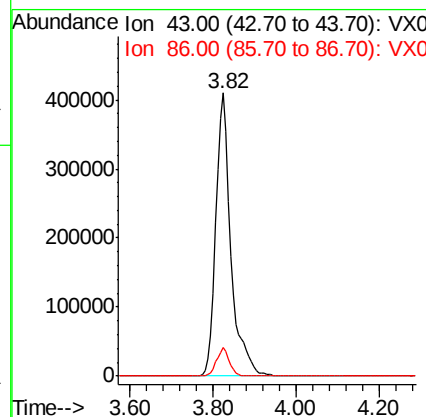
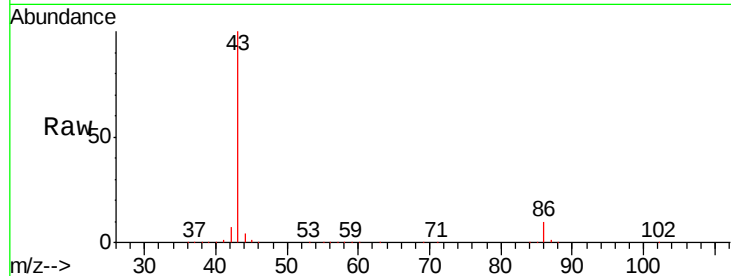
86 10.0 7.4 11.2

Manual Integrations

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MMDadoda

11/16/2018 10:52:52 AM



#24

1,1-Dichloroethane

Concen: 44.65 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

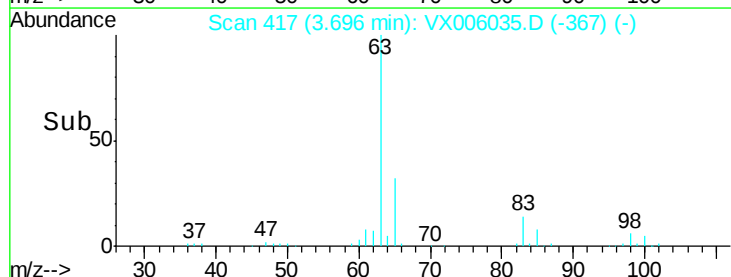
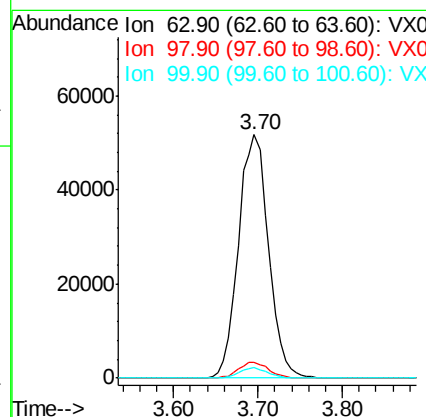
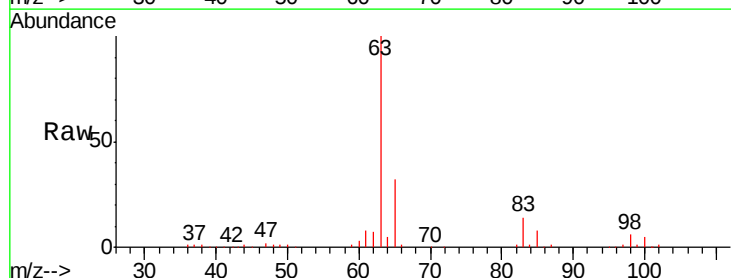
Tgt Ion: 63 Resp: 124397

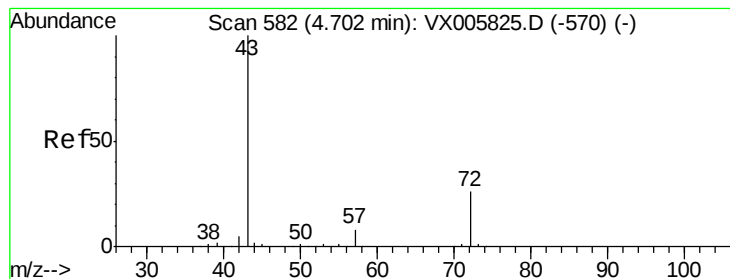
Ion Ratio Lower Upper

63 100

98 6.2 3.2 9.6

100 4.6 2.1 6.2





#25

2-Butanone

Concen: 220.49 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 323990

Ion Ratio Lower Upper

43 100

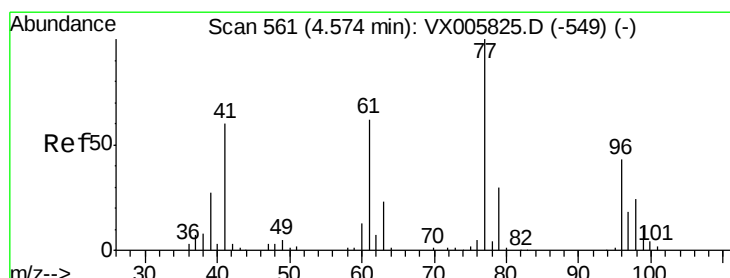
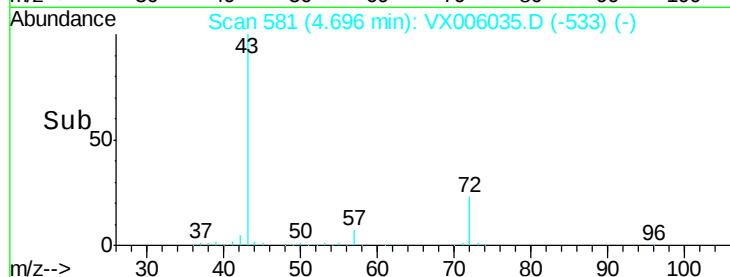
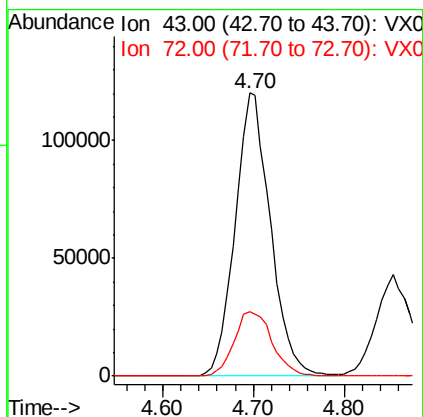
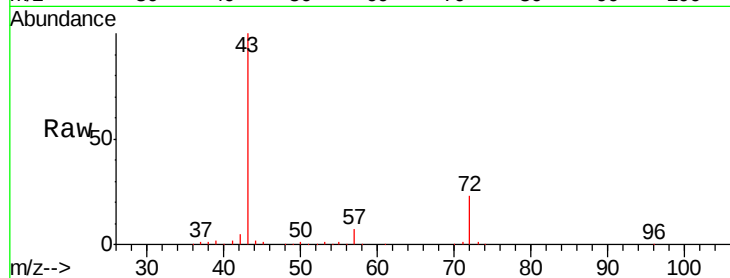
72 22.9 19.2 28.8

Manual Integrations

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MMDadoda

11/16/2018 10:52:52 AM



#26

2,2-Dichloropropane

Concen: 40.71 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX006035.D

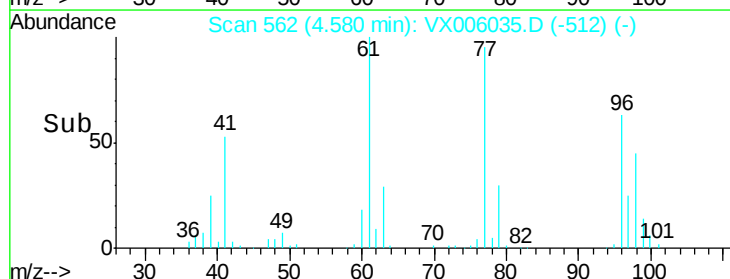
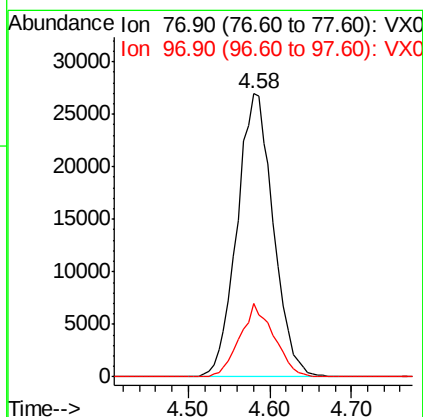
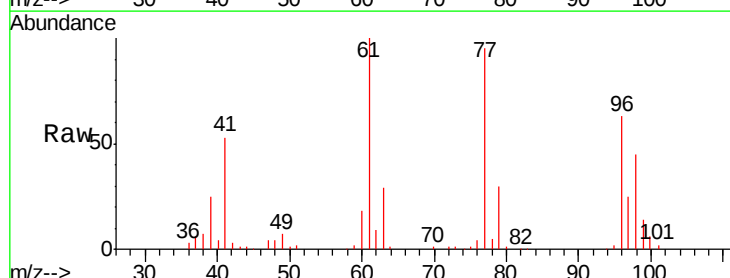
Acq: 15 Nov 2018 21:59

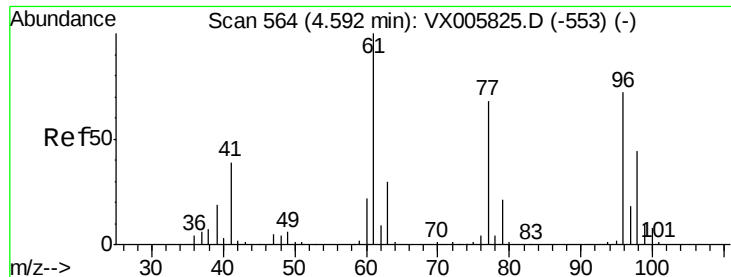
Tgt Ion: 77 Resp: 83189

Ion Ratio Lower Upper

77 100

97 24.3 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 45.98 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

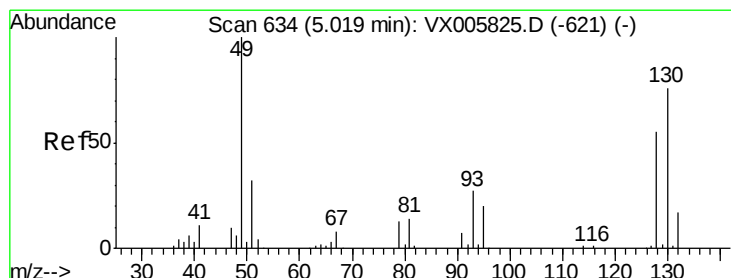
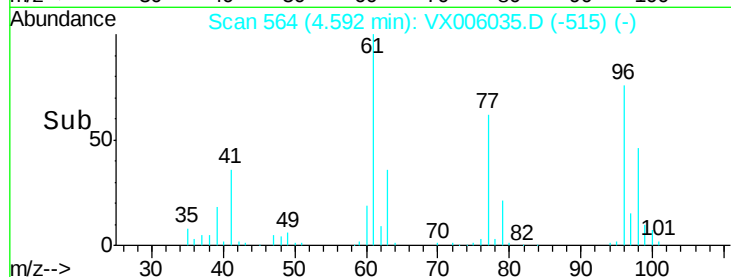
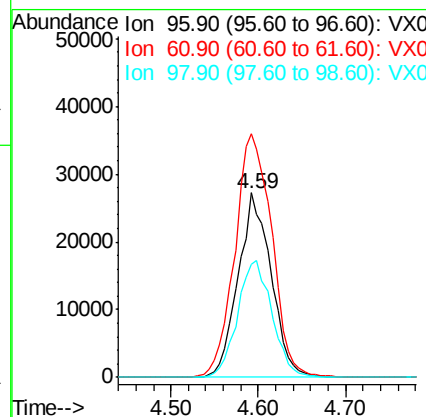
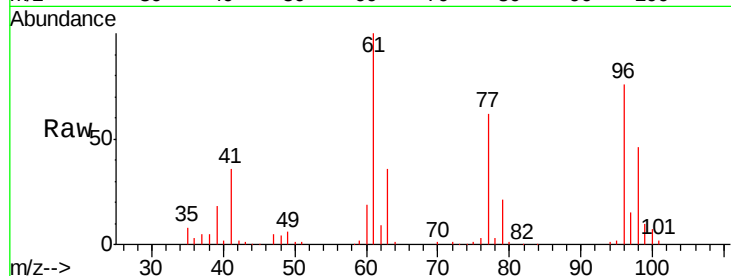
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	71463
Ion	Ratio	Lower	Upper
96	100		
61	147.7	0.0	304.6
98	66.2	0.0	127.4

Manual Integrations
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#28

Bromochloromethane

Concen: 49.60 ug/l

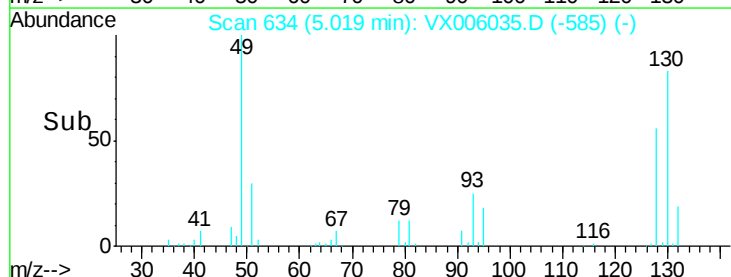
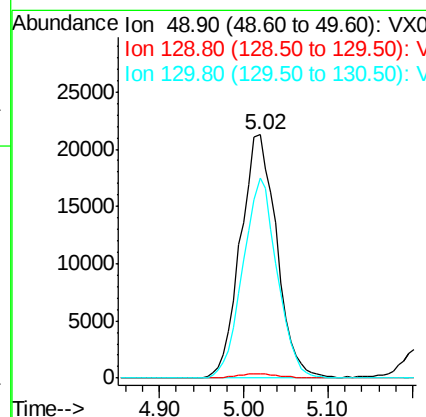
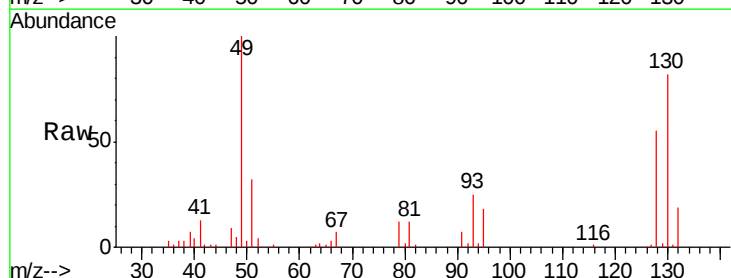
RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Tgt Ion:	49	Resp:	61760
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	78.0	58.9	88.3





#29

Tetrahydrofuran

Concen: 218.82 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

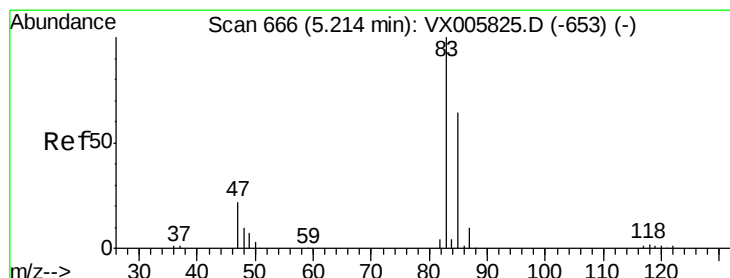
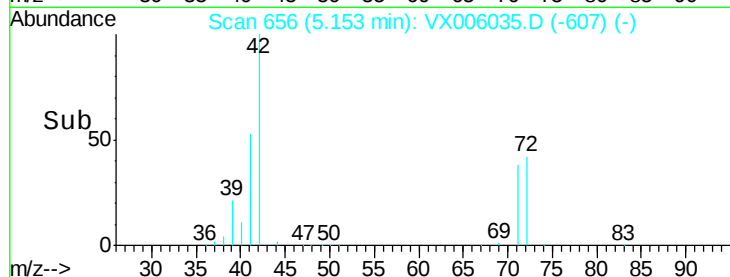
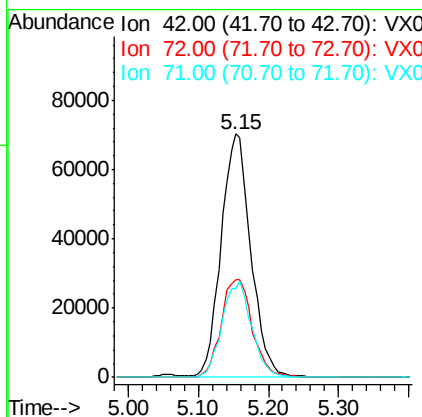
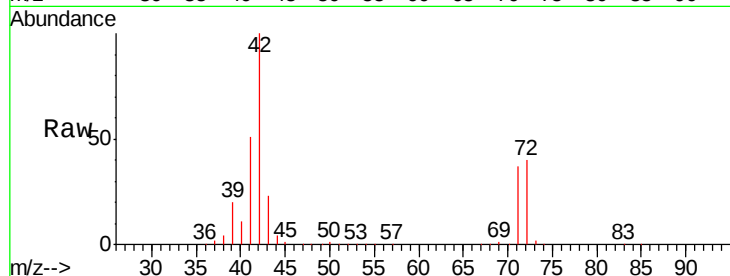
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	42	Resp:	206452
Ion	Ratio	Lower	Upper
42	100		
72	42.5	32.0	48.0
71	39.5	29.8	44.8

Manual Integrations
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MMDadoda
11/16/2018 10:52:52 AM



#30

Chloroform

Concen: 45.65 ug/l

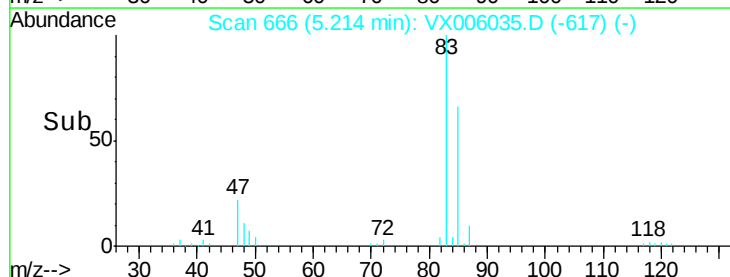
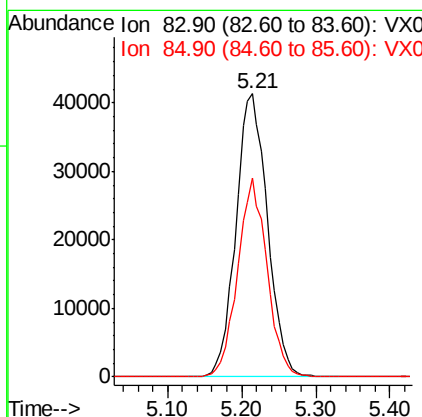
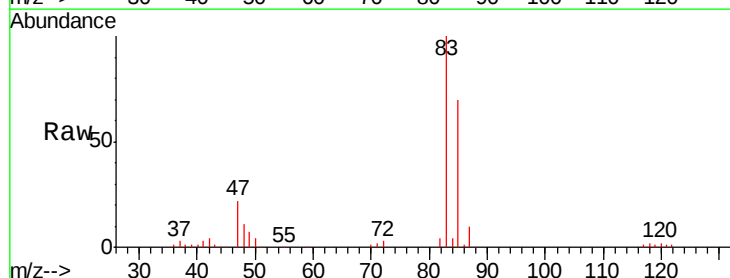
RT: 5.21 min Scan# 666

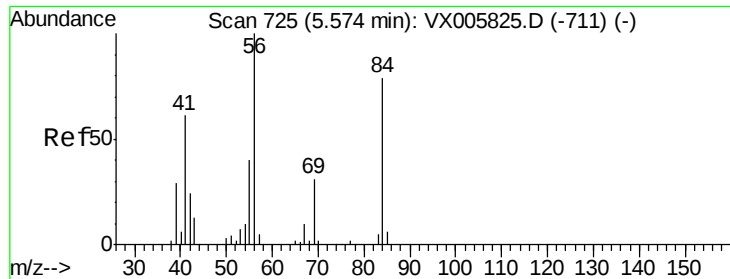
Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Tgt Ion:	83	Resp:	122706
Ion	Ratio	Lower	Upper
83	100		
85	70.4	50.6	76.0





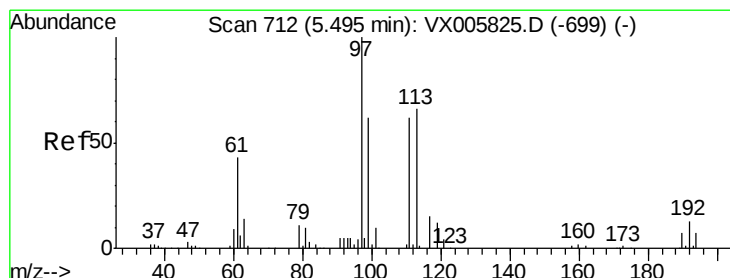
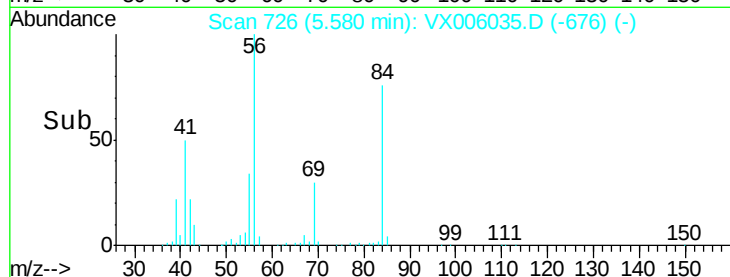
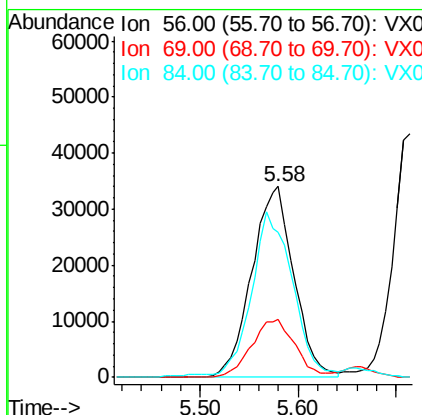
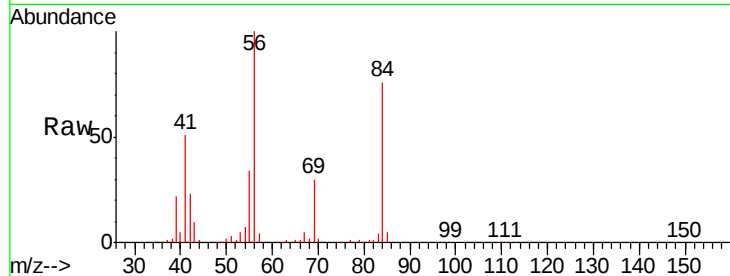
#31
Cyclohexane
Concen: 42.02 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.3	22.6	34.0
84	74.6	62.7	94.1

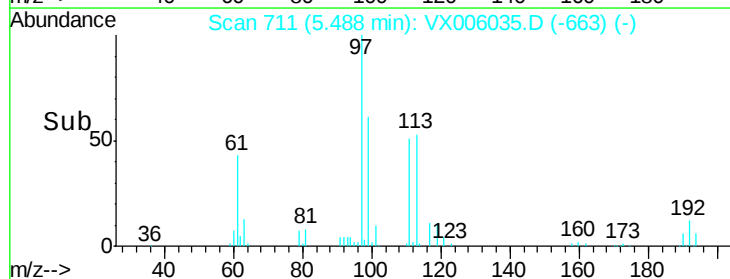
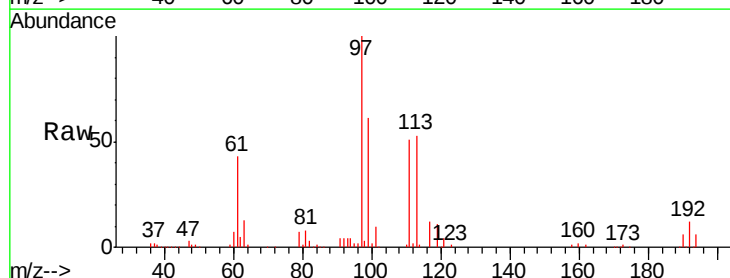
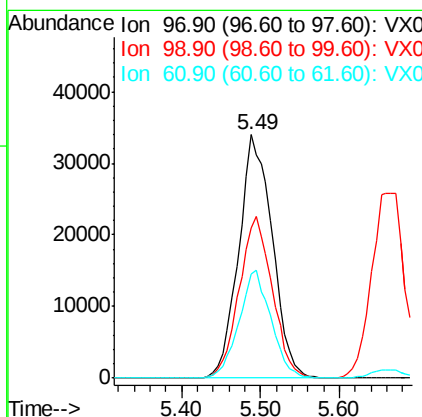
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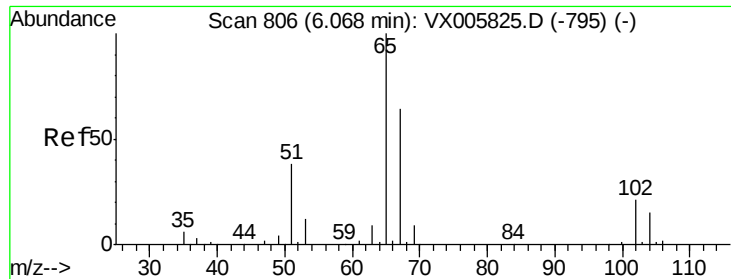
MMDadoda
11/16/2018 10:52:52 AM



#32
1,1,1-Trichloroethane
Concen: 44.88 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.5	52.3	78.5
61	42.2	35.2	52.8





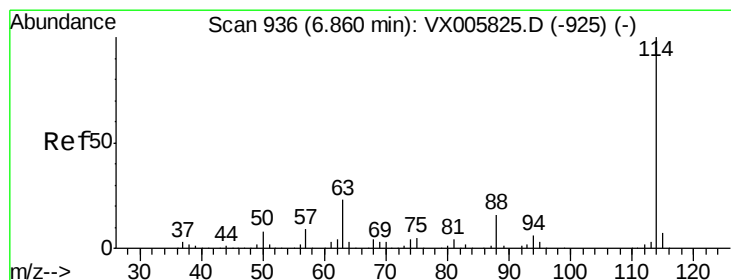
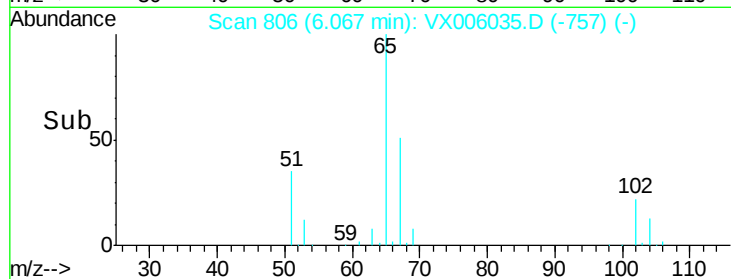
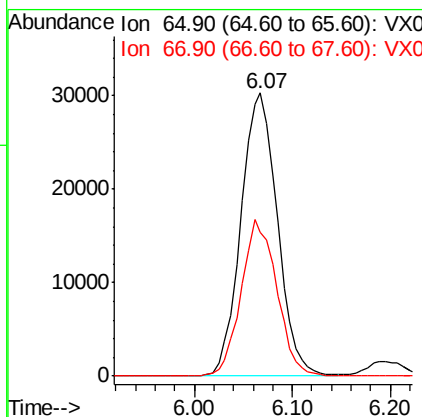
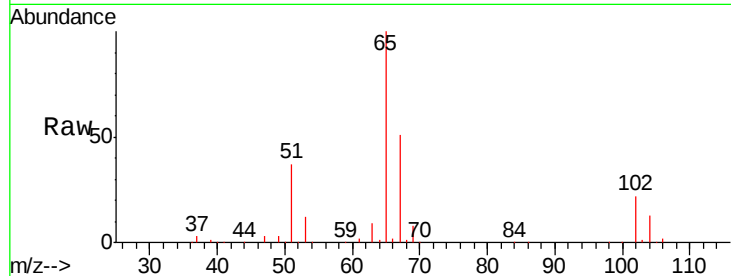
#33
 1,2-Dichloroethane-d4
 Concen: 45.26 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 78568
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 105.0

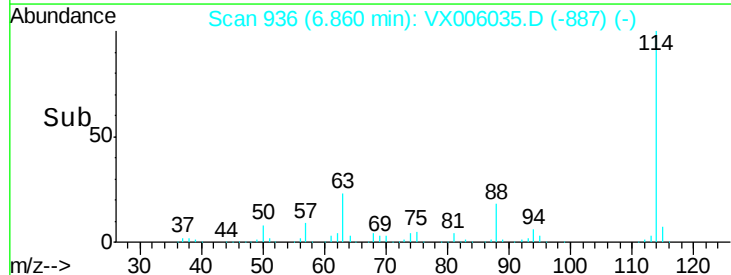
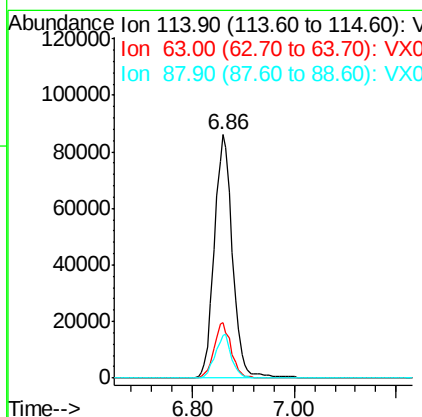
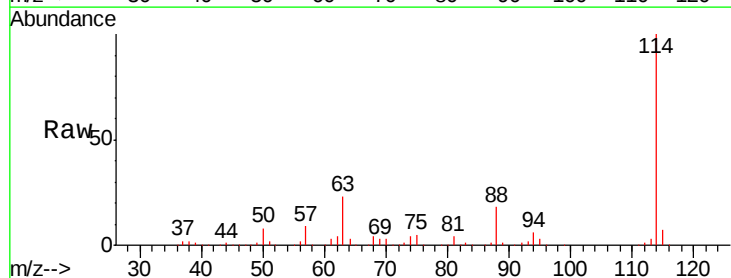
Manual Integrations
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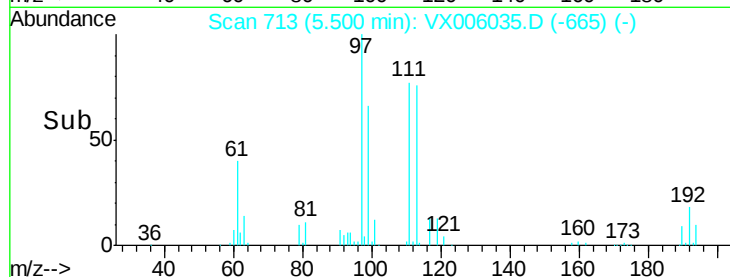
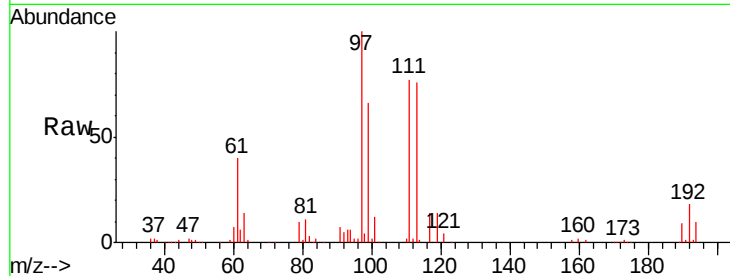
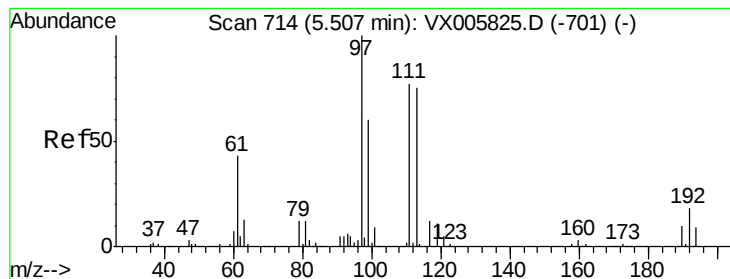
MMDadoda
 11/16/2018 10:52:52 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Tgt Ion: 114 Resp: 213986
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 42.8
 88 17.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 44.94 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX006035.D

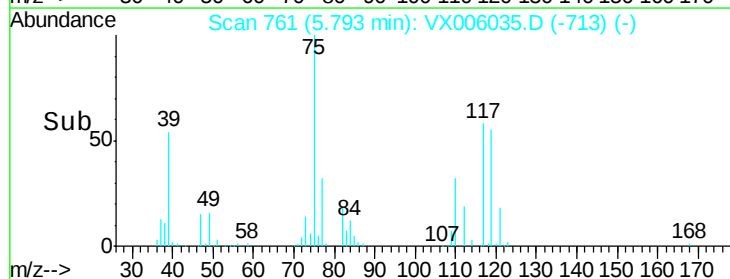
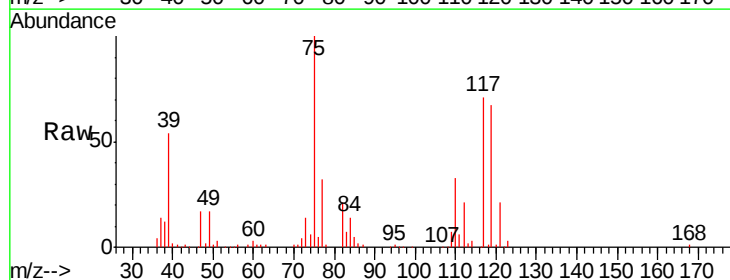
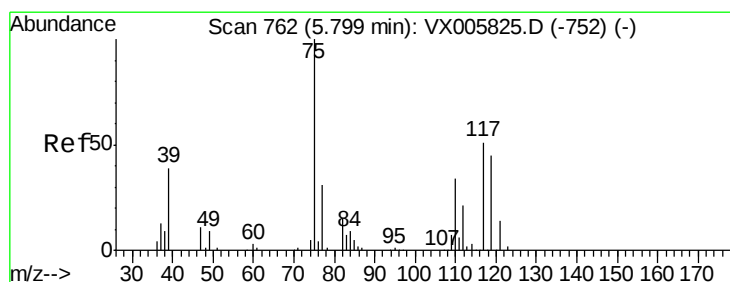
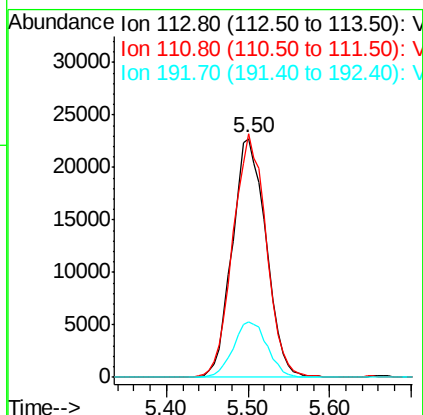
Acq: 15 Nov 2018 21:59

Tgt Ion:	113	Resp:	65409
Ion Ratio	Lower	Upper	
113	100		
111	100.4	82.3	123.5
192	23.2	17.9	26.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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MMDadoda
11/16/2018 10:52:52 AM



#36

1,1-Dichloropropene

Concen: 43.59 ug/l

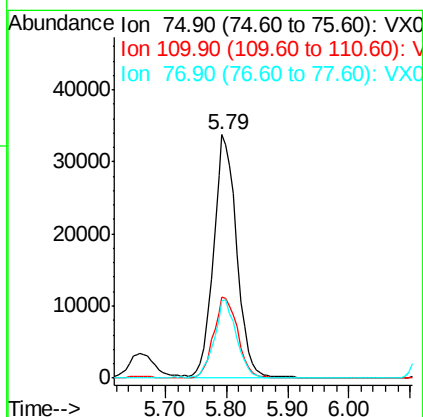
RT: 5.79 min Scan# 761

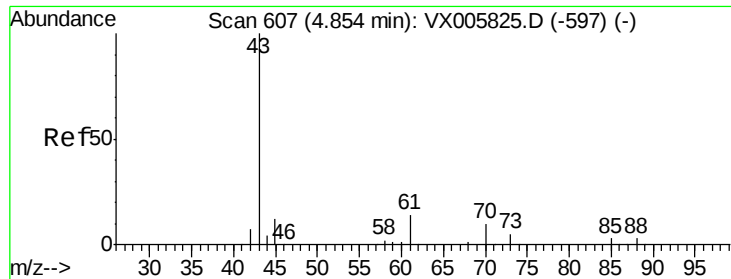
Delta R.T. -0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Tgt Ion:	75	Resp:	89920
Ion Ratio	Lower	Upper	
75	100		
110	34.7	17.4	52.2
77	31.0	25.8	38.6





#37

Ethyl Acetate

Concen: 43.68 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

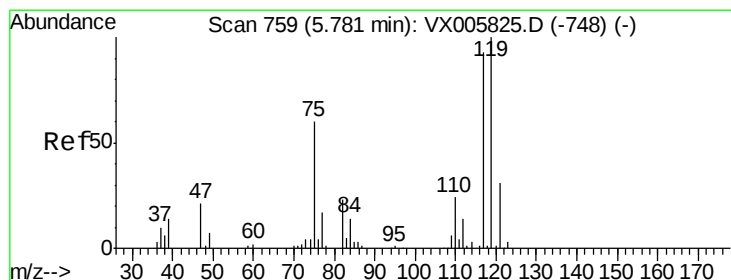
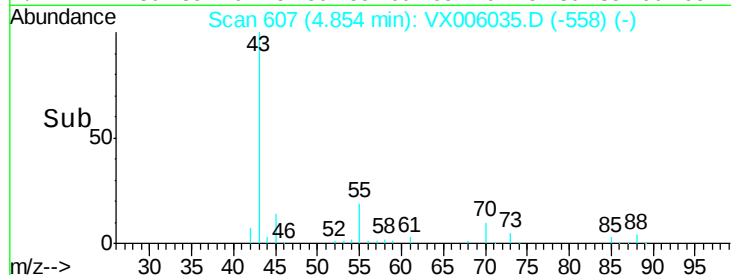
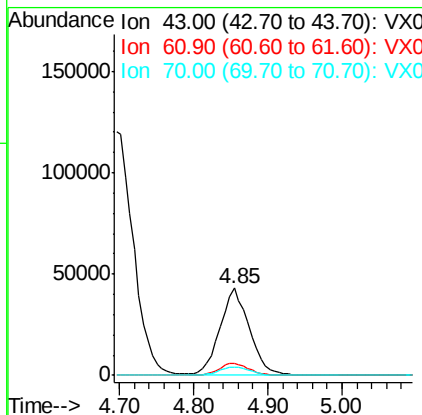
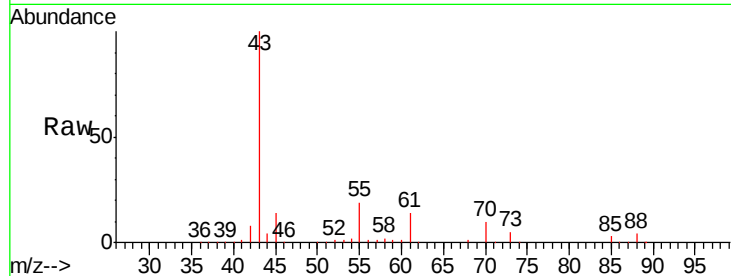
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	118500
Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.8	16.2
70	10.3	7.8	11.8

Manual Integrations
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MMDadoda
11/16/2018 10:52:52 AM



#38

Carbon Tetrachloride

Concen: 41.23 ug/l

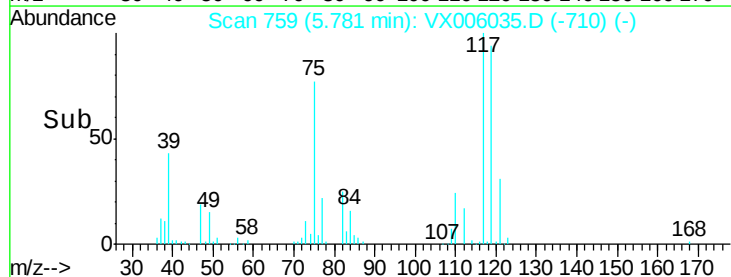
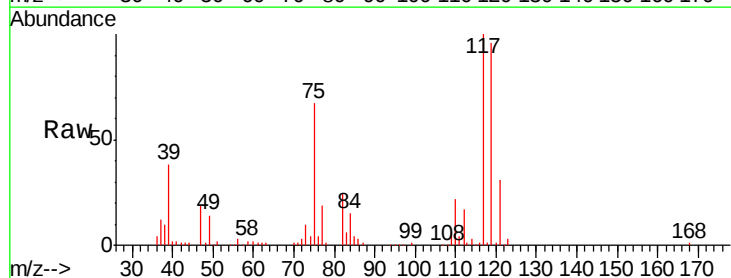
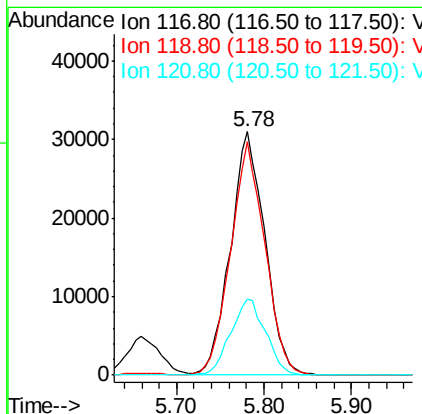
RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Tgt Ion:	117	Resp:	85143
Ion	Ratio	Lower	Upper
117	100		
119	95.8	78.1	117.1
121	31.2	24.6	36.8





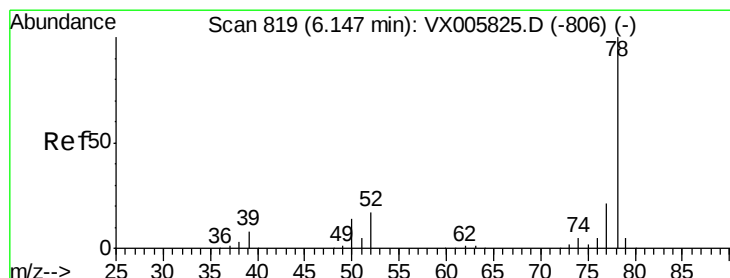
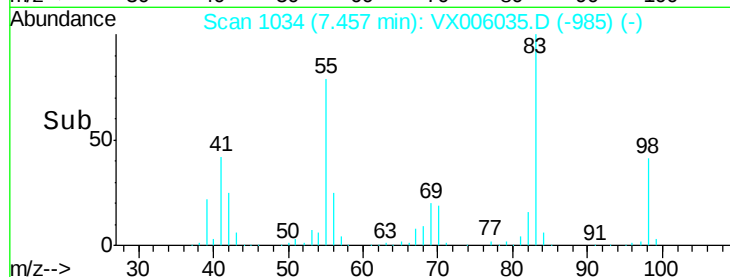
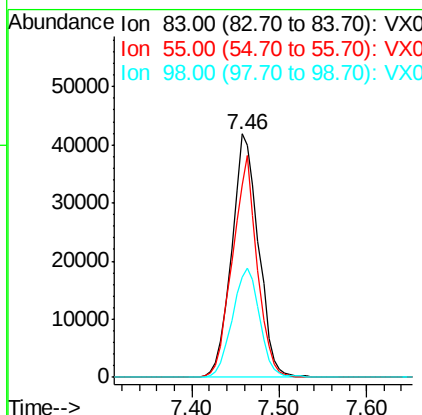
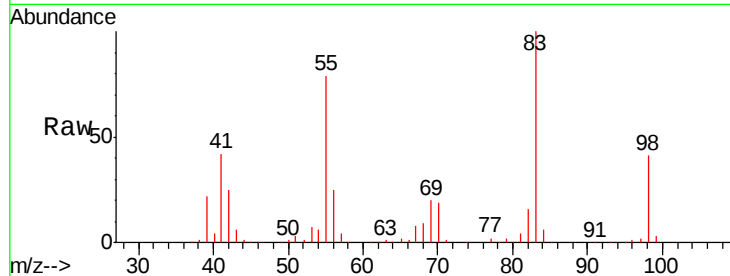
#39
Methylcyclohexane
Concen: 42.82 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.0	63.7	95.5
98	41.3	36.2	54.2

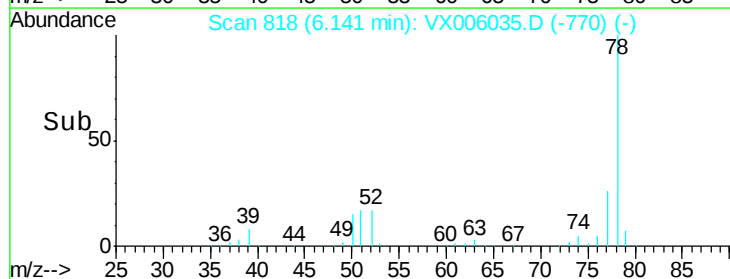
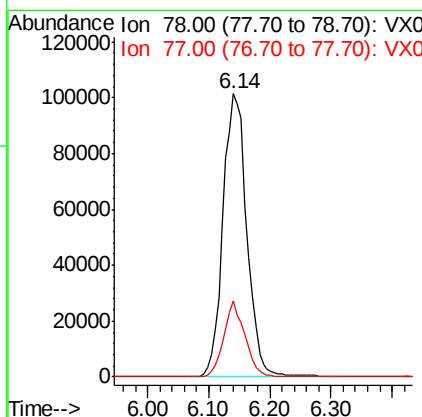
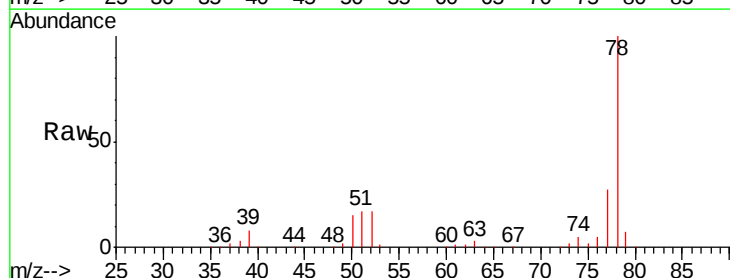
Manual Integrations
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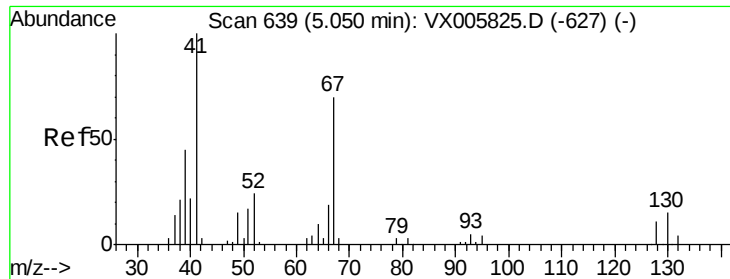
MMDadoda
11/16/2018 10:52:52 AM



#40
Benzene
Concen: 45.40 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	26.7	18.4	27.6





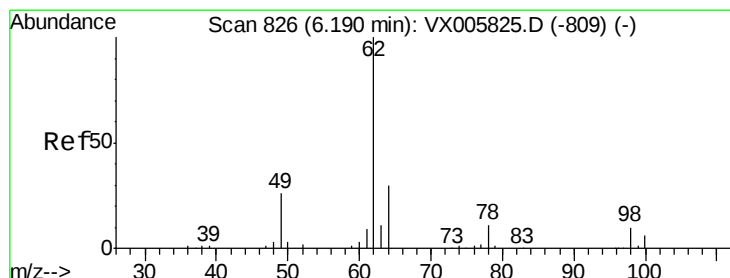
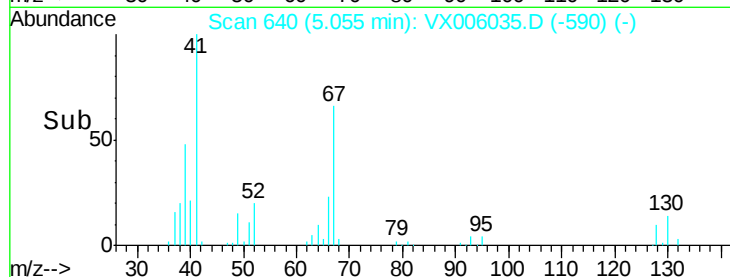
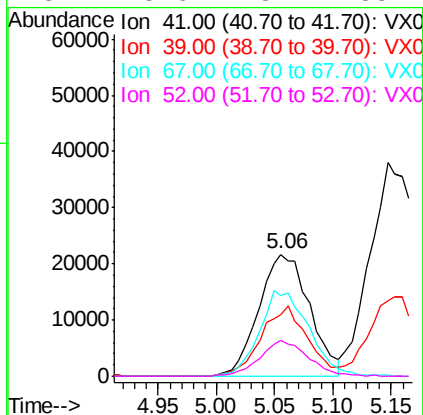
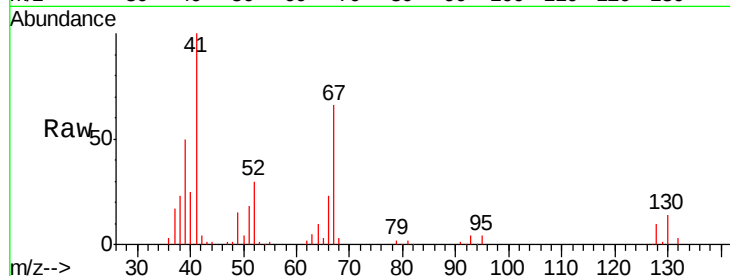
#41
Methacrylonitrile
Concen: 44.85 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
41	100		
39	52.7	42.2	63.2
67	68.4	53.4	80.0
52	28.6	23.4	35.2

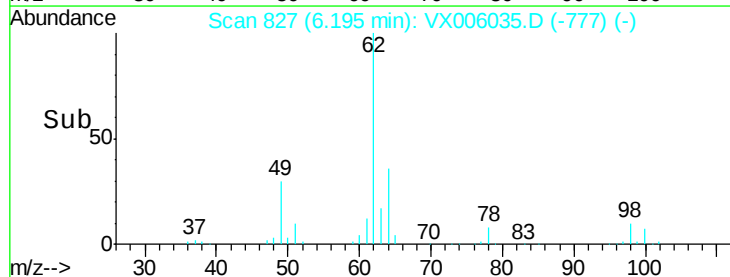
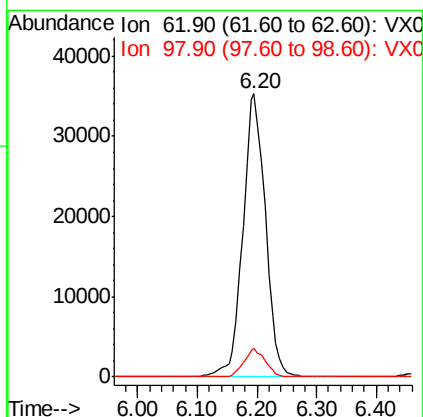
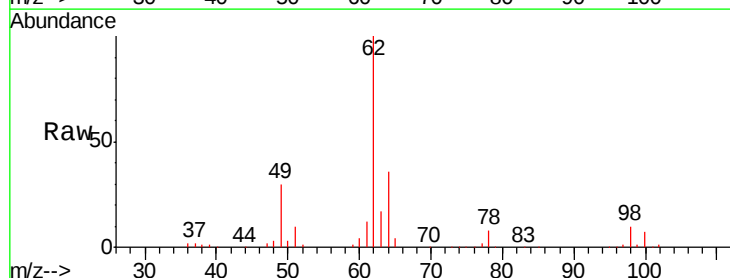
Manual Integrations
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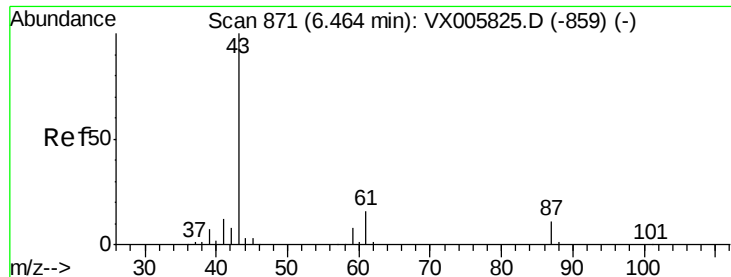
MMDadoda
11/16/2018 10:52:52 AM



#42
1,2-Dichloroethane
Concen: 43.28 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	17.8





#43

Isopropyl Acetate

Concen: 47.14 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

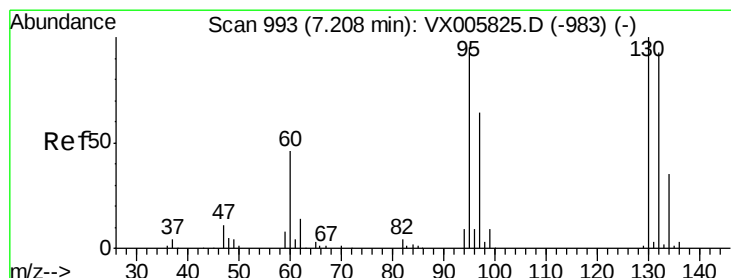
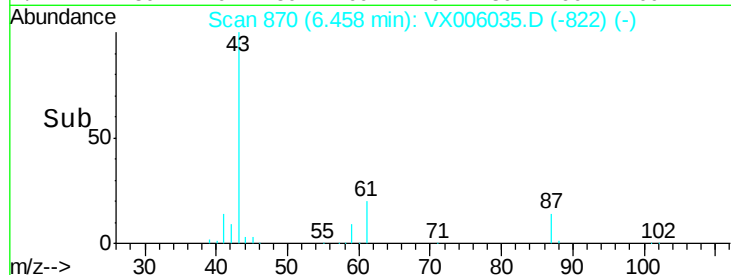
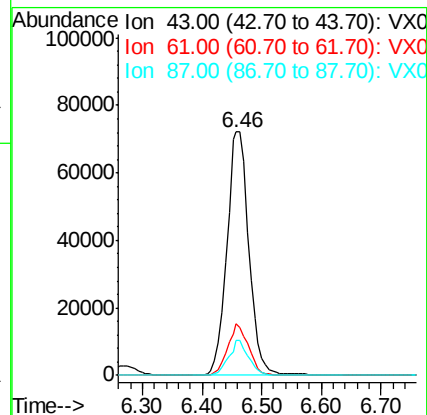
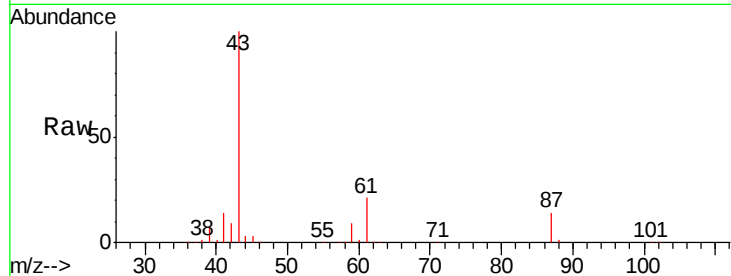
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	185287
Ion	Ratio	Lower	Upper
43	100		
61	20.1	14.6	22.0
87	12.9	9.6	14.4

Manual Integrations
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MMDadoda
11/16/2018 10:52:52 AM



#44

Trichloroethene

Concen: 46.48 ug/l

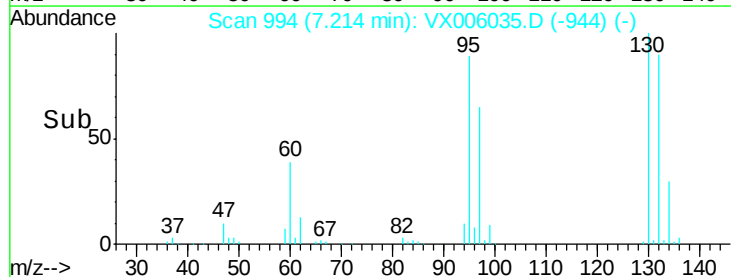
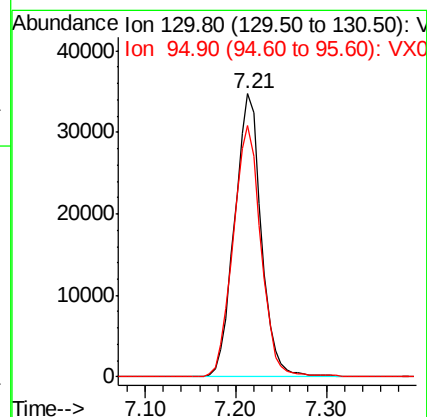
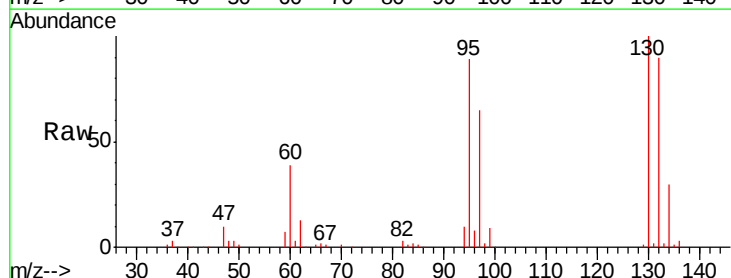
RT: 7.21 min Scan# 994

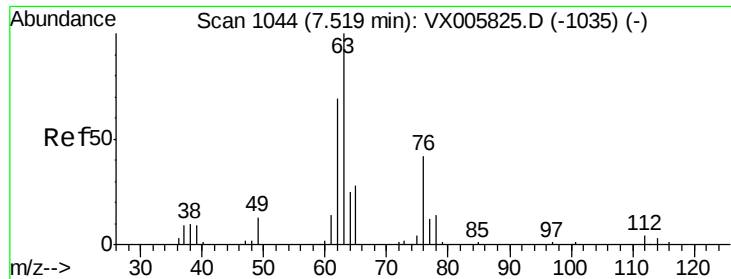
Delta R.T. 0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Tgt Ion:	130	Resp:	70989
Ion	Ratio	Lower	Upper
130	100		
95	88.8	0.0	194.2





#45

1,2-Dichloropropane

Concen: 47.48 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 69301

Ion Ratio Lower Upper

63 100

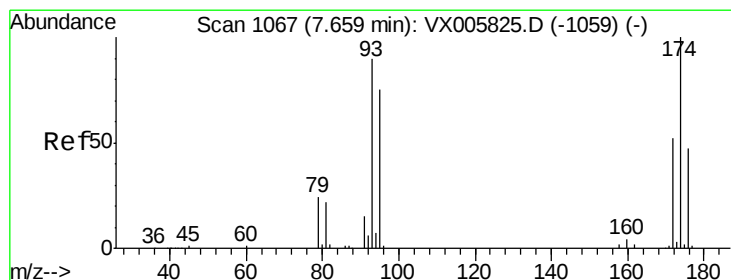
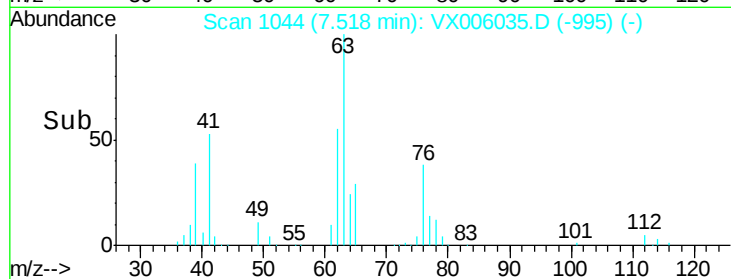
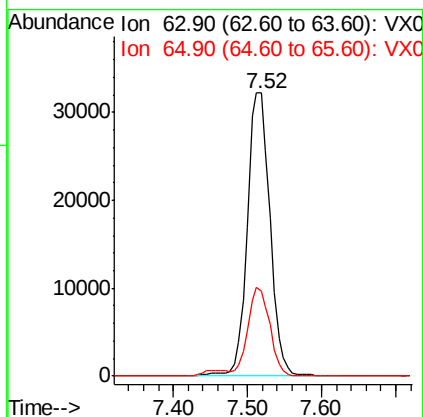
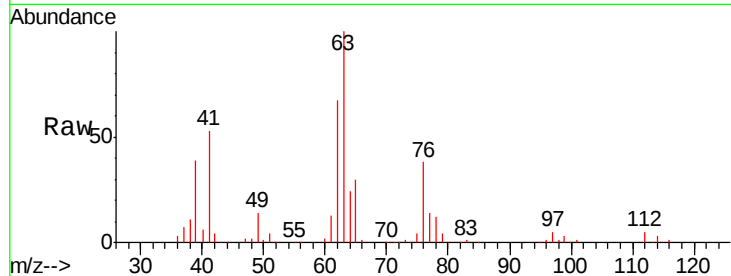
65 30.2 24.8 37.2

Manual Integrations

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MMDadoda

11/16/2018 10:52:52 AM



#46

Dibromomethane

Concen: 45.06 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

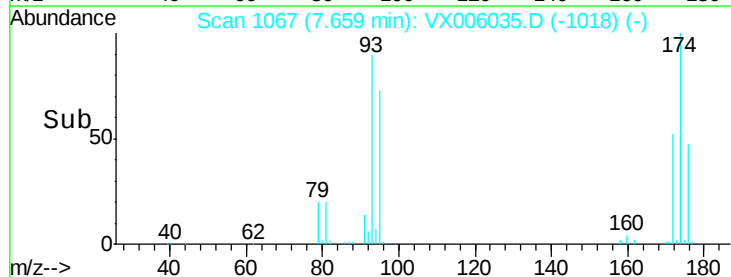
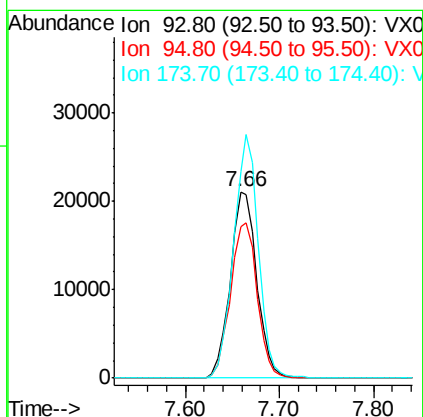
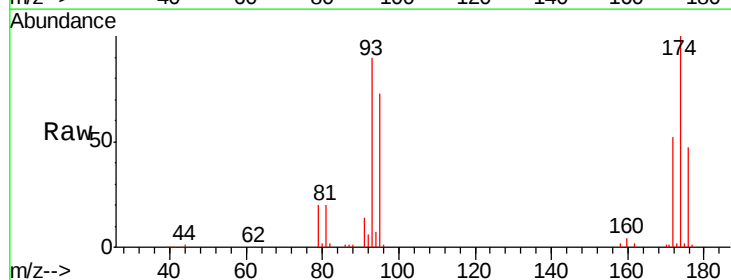
Tgt Ion: 93 Resp: 41272

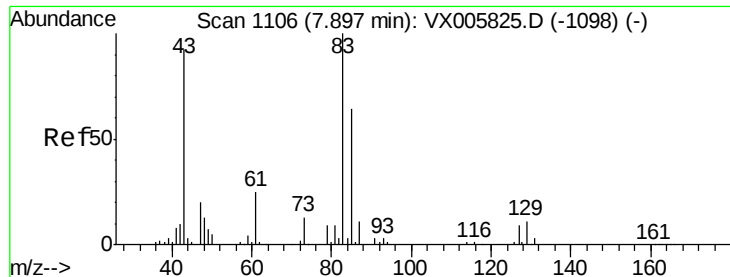
Ion Ratio Lower Upper

93 100

95 84.0 67.4 101.0

174 121.6 91.5 137.3





#47

Bromodichloromethane

Concen: 46.88 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

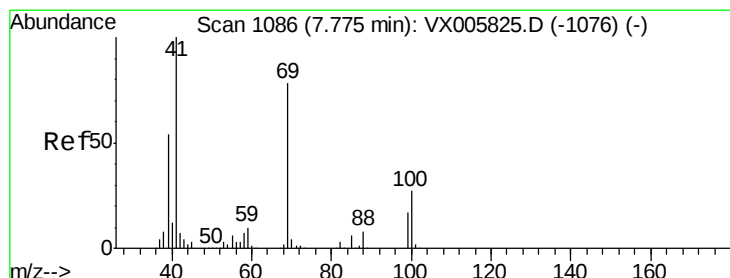
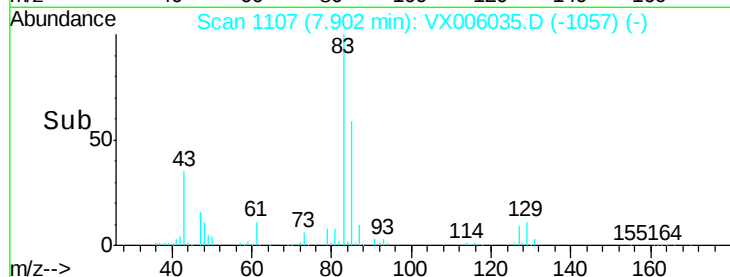
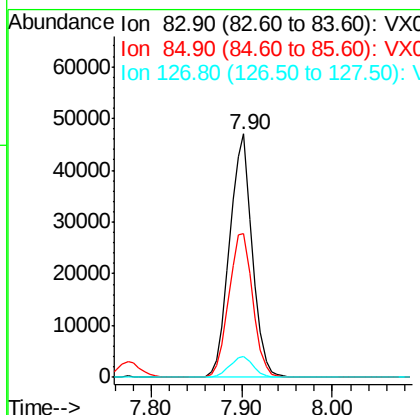
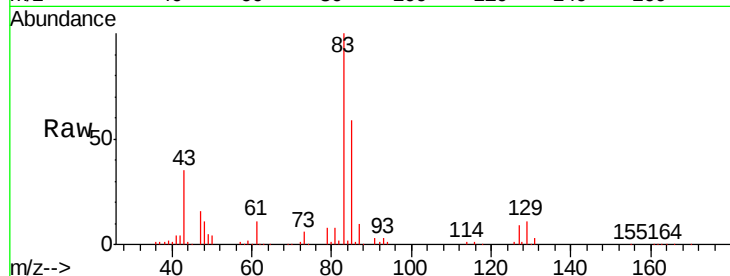
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	81141
Ion	Ratio	Lower	Upper
83	100		
85	59.3	50.2	75.4
127	8.5	6.9	10.3

Manual Integrations
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11/16/2018 10:52:52 AM



#48

Methyl methacrylate

Concen: 47.64 ug/l

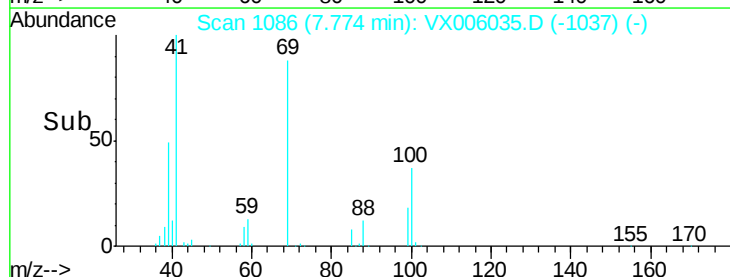
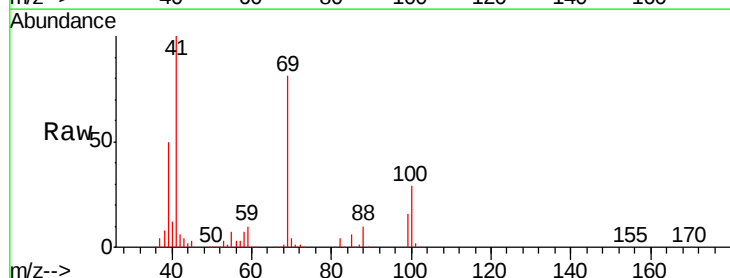
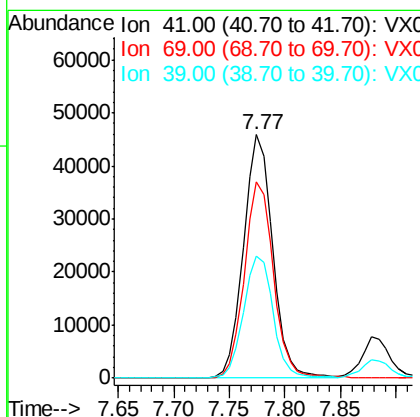
RT: 7.77 min Scan# 1086

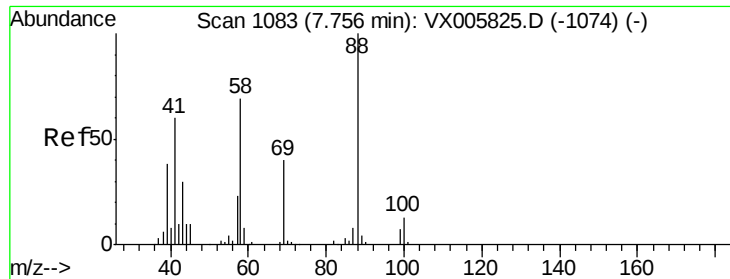
Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Tgt Ion:	41	Resp:	84088
Ion	Ratio	Lower	Upper
41	100		
69	81.1	63.2	94.8
39	50.9	42.2	63.2





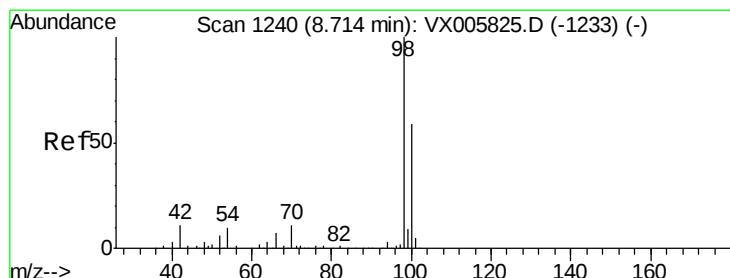
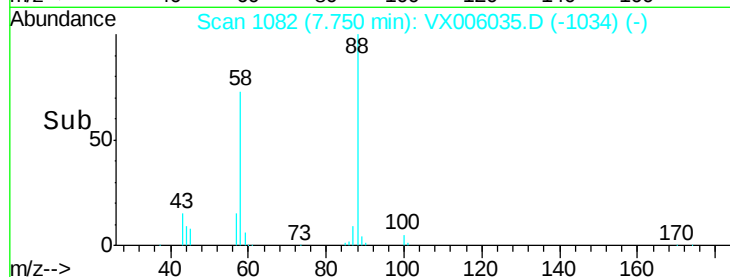
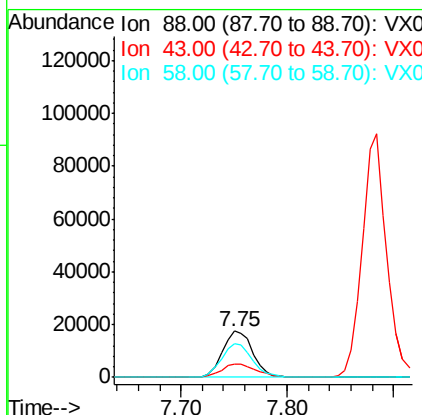
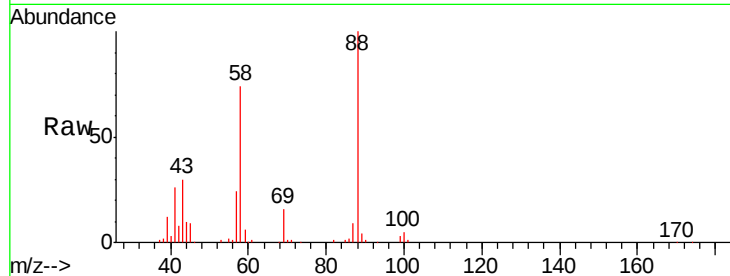
#49
1,4-Dioxane
Concen: 914.78 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.8	27.4	41.0
58	74.9	59.4	89.2

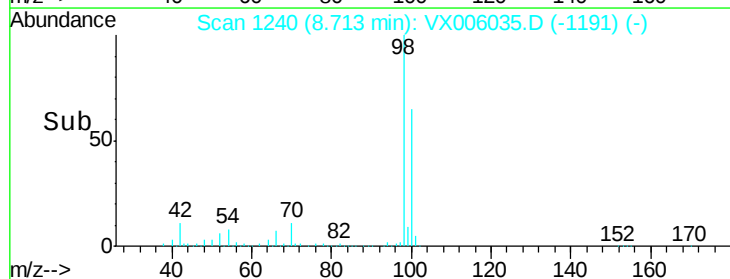
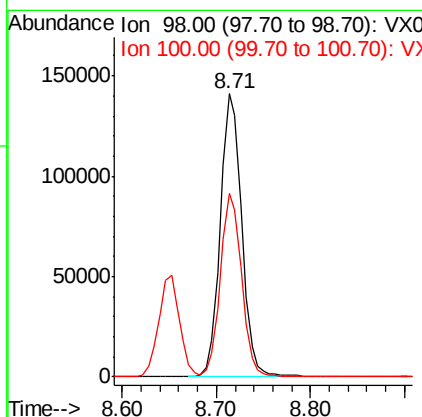
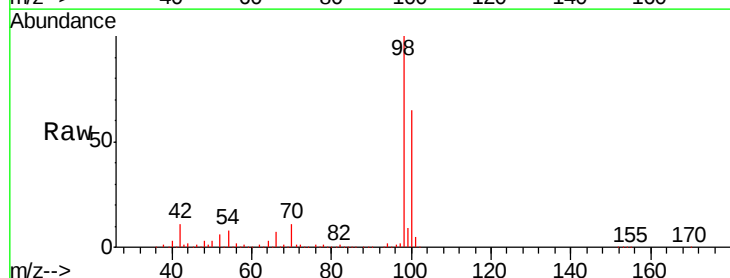
Manual Integrations
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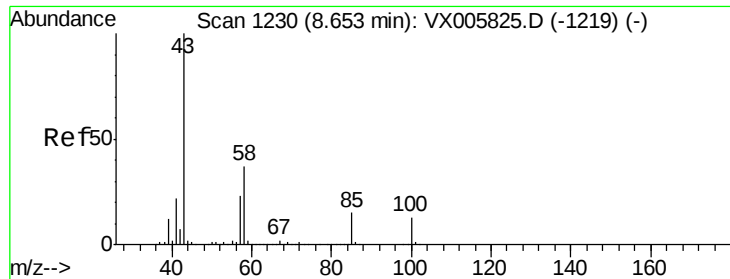
MMDadoda
11/16/2018 10:52:52 AM



#50
Toluene-d8
Concen: 45.82 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.3	76.9





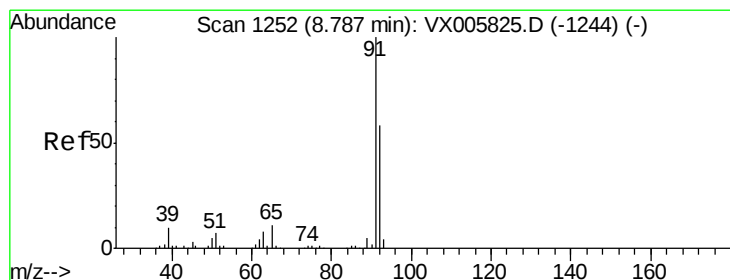
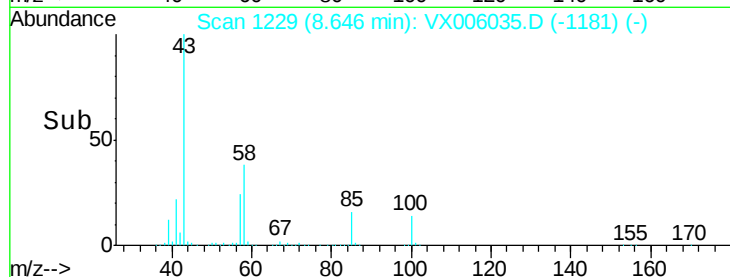
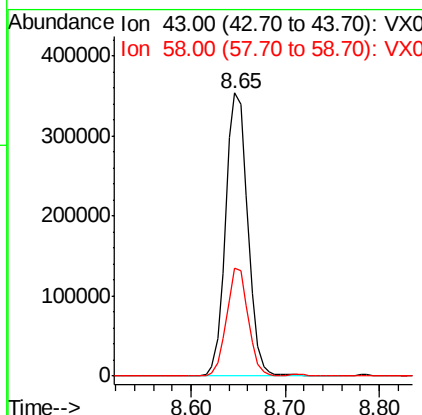
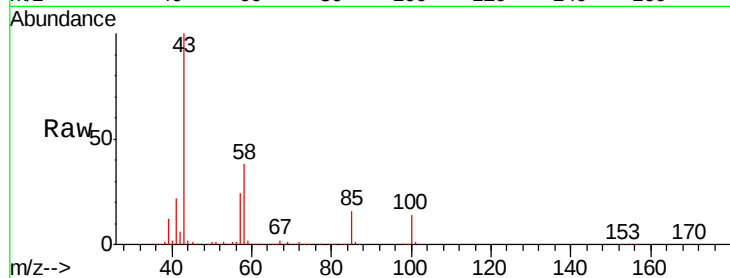
#51
 4-Methyl-2-Pentanone
 Concen: 233.51 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 578472
 Ion Ratio Lower Upper
 43 100
 58 36.9 29.7 44.5

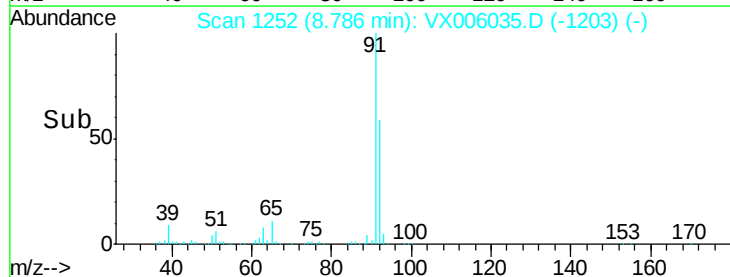
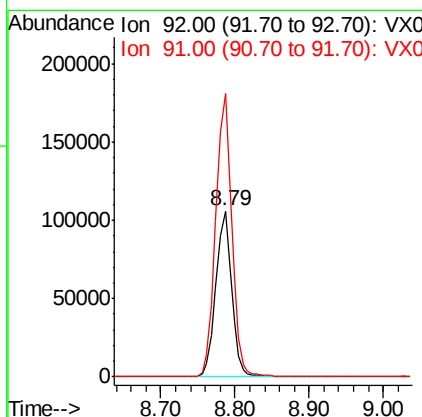
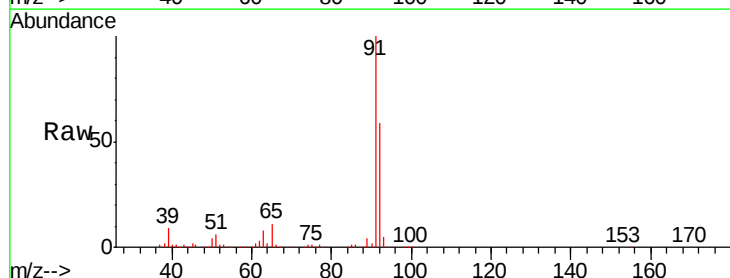
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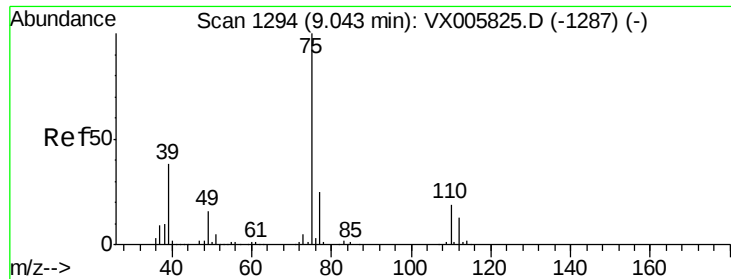
MMDadoda
 11/16/2018 10:52:52 AM



#52
 Toluene
 Concen: 46.45 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Tgt Ion: 92 Resp: 156132
 Ion Ratio Lower Upper
 92 100
 91 173.2 140.4 210.6





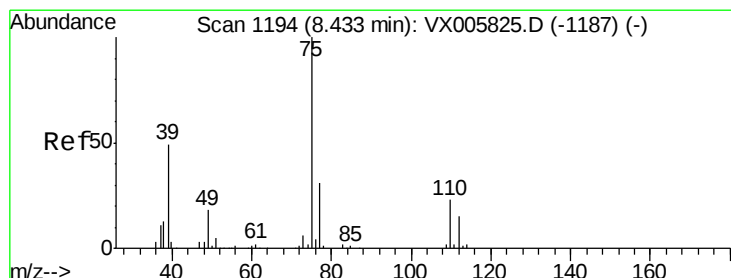
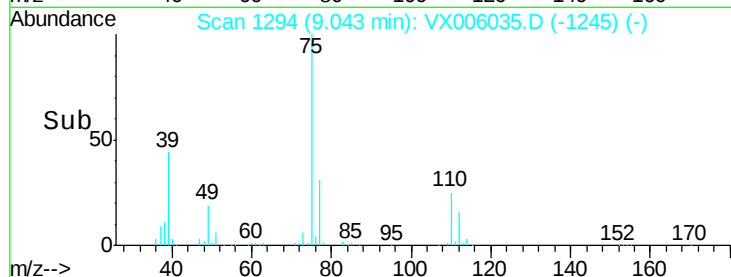
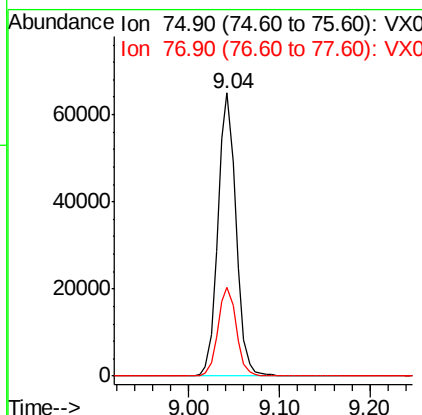
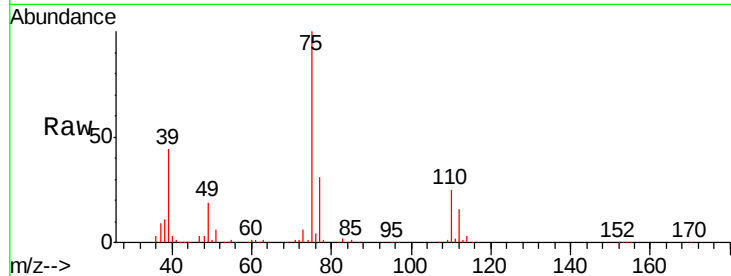
#53
 t-1,3-Dichloropropene
 Concen: 44.49 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 90887
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.2

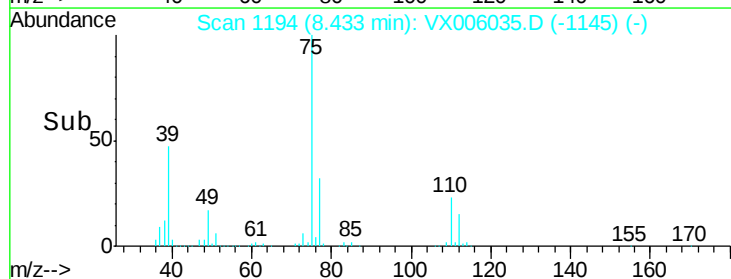
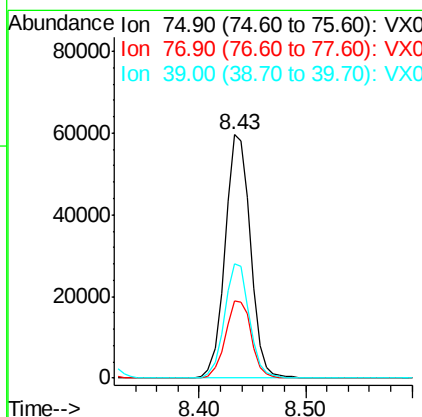
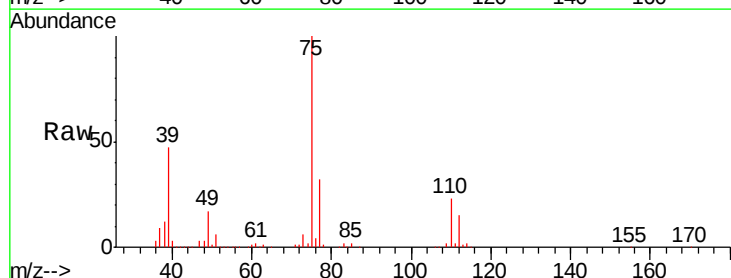
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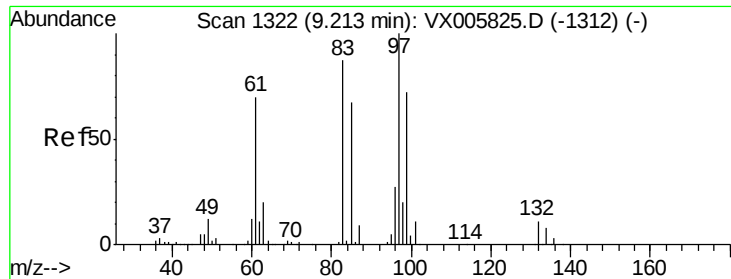
MMDadoda
 11/16/2018 10:52:52 AM



#54
 cis-1,3-Dichloropropene
 Concen: 47.81 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Tgt Ion: 75 Resp: 99549
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.2 37.8
 39 47.0 38.2 57.2





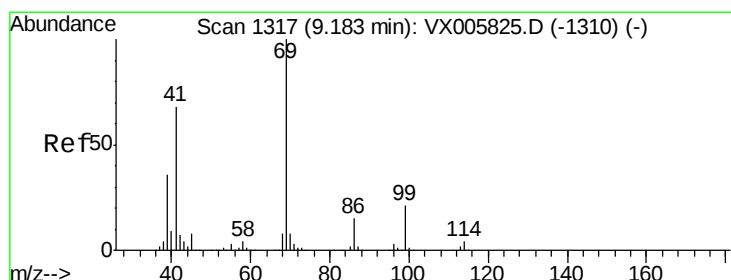
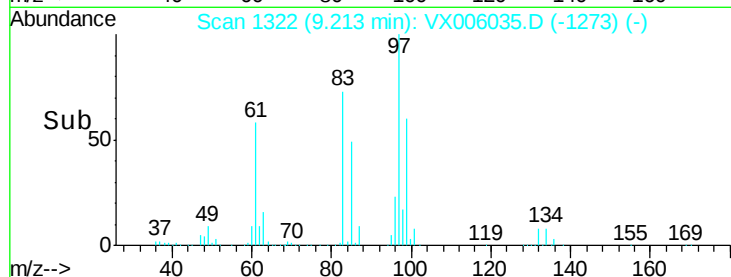
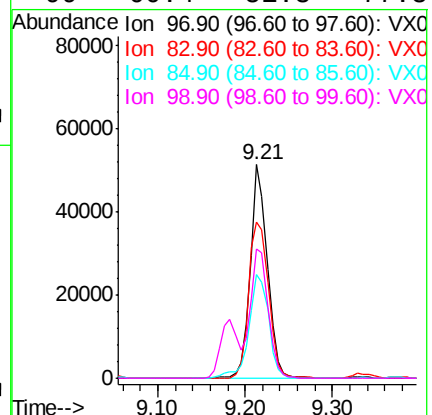
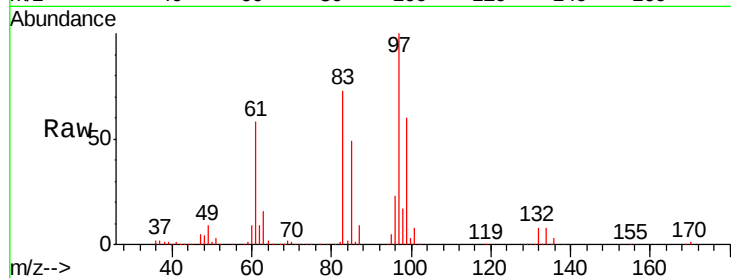
#55
1,1,2-Trichloroethane
Concen: 46.47 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	97	Resp:	69608
Ion	Ratio	Lower	Upper
97	100		
83	73.1	70.7	106.1
85	48.7	45.8	68.6
99	60.4	51.8	77.8

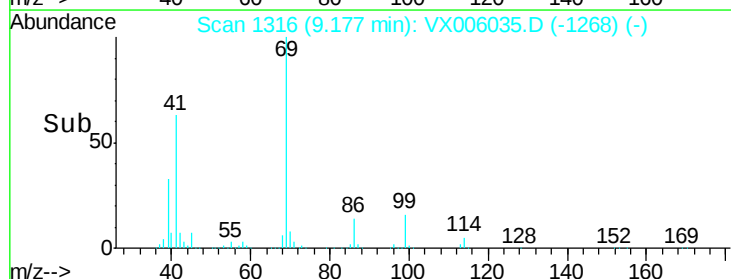
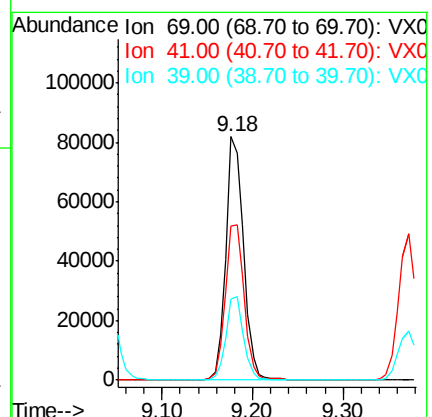
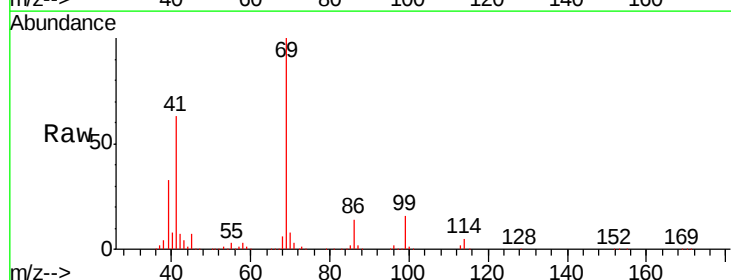
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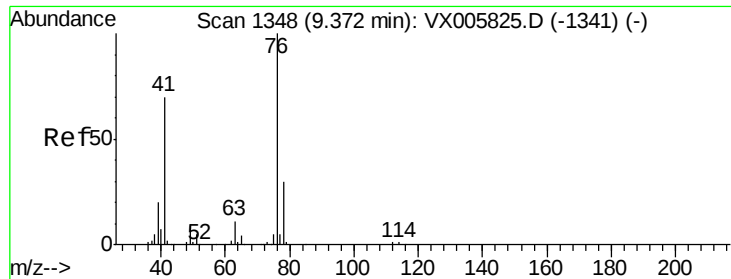
MMDadoda
11/16/2018 10:52:52 AM



#56
Ethyl methacrylate
Concen: 50.01 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion:	69	Resp:	112075
Ion	Ratio	Lower	Upper
69	100		
41	67.4	57.0	85.6
39	33.6	28.3	42.5





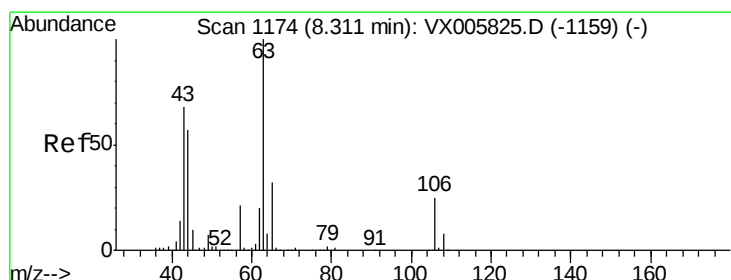
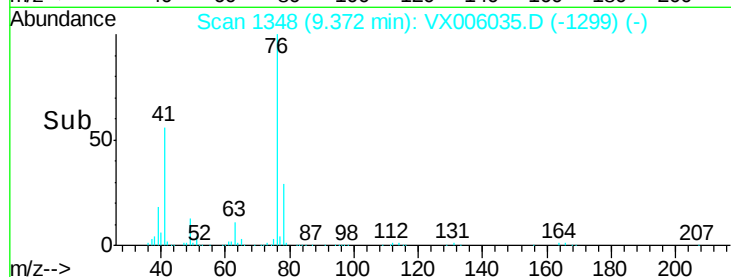
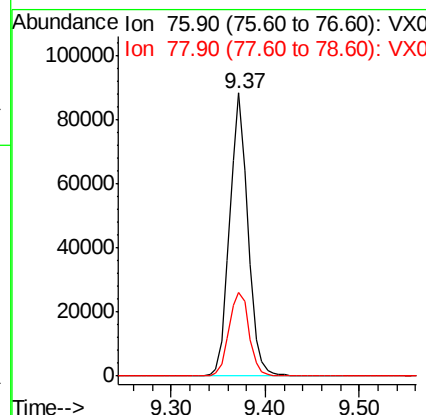
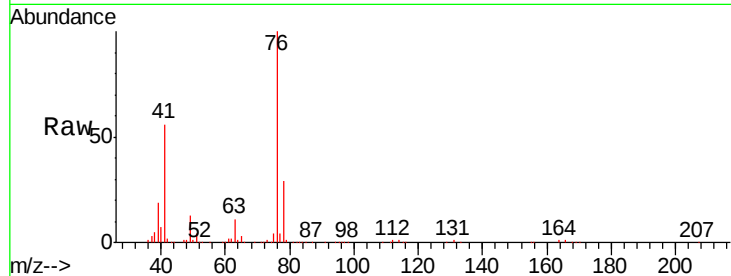
#57
 1,3-Dichloropropane
 Concen: 47.16 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 118708
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.3 37.9

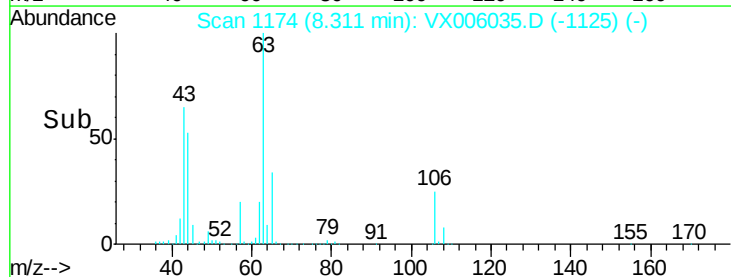
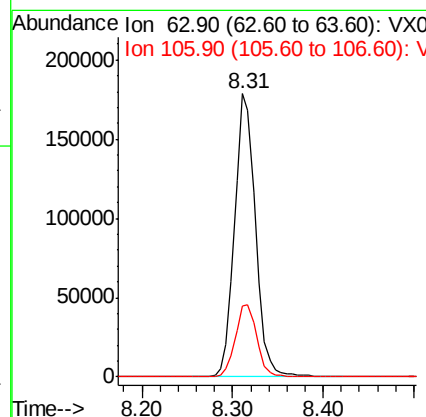
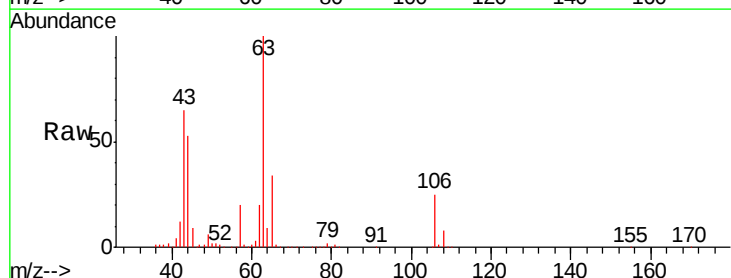
Manual Integrations
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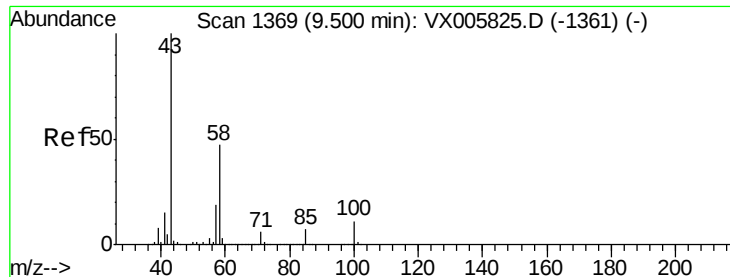
MMDadoda
 11/16/2018 10:52:52 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 234.26 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Tgt Ion: 63 Resp: 285444
 Ion Ratio Lower Upper
 63 100
 106 26.4 21.3 31.9





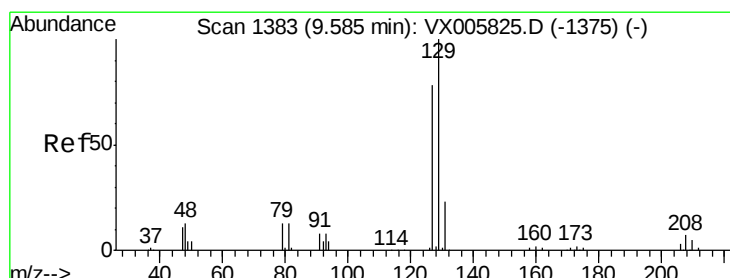
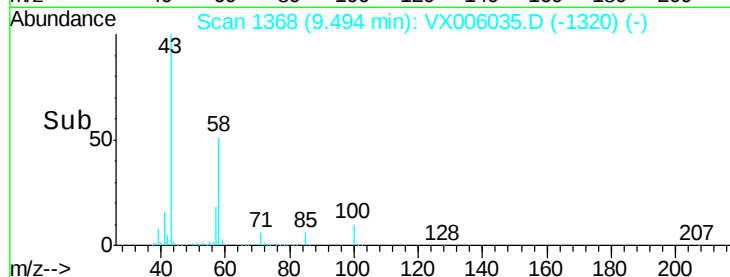
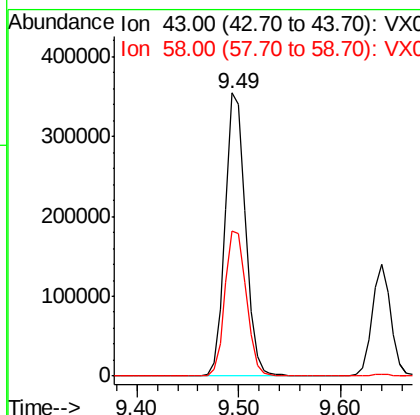
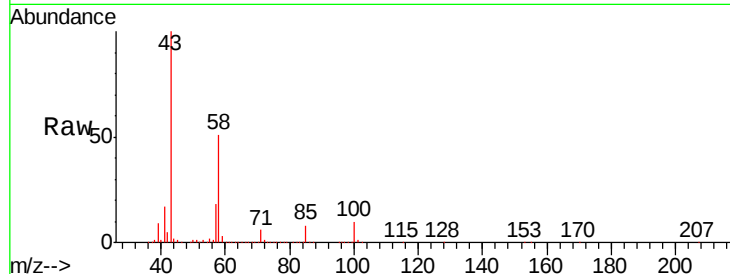
#59
2-Hexanone
Concen: 224.74 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 490753
Ion Ratio Lower Upper
43 100
58 53.9 25.9 77.8

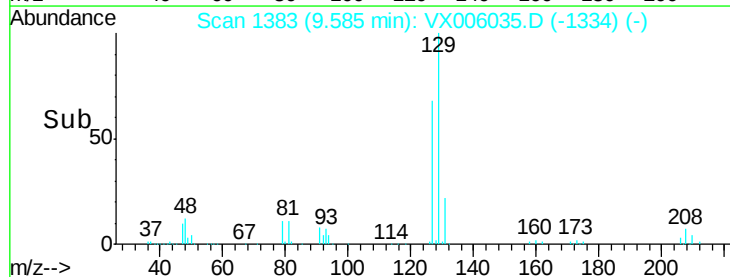
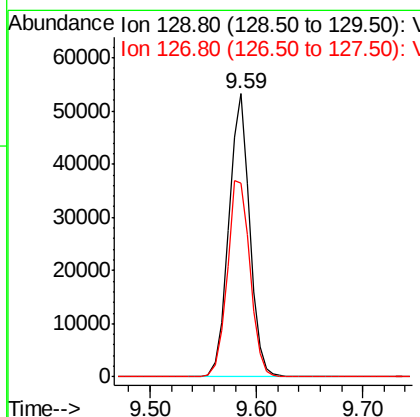
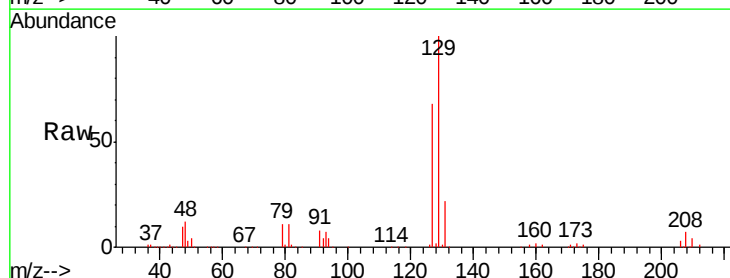
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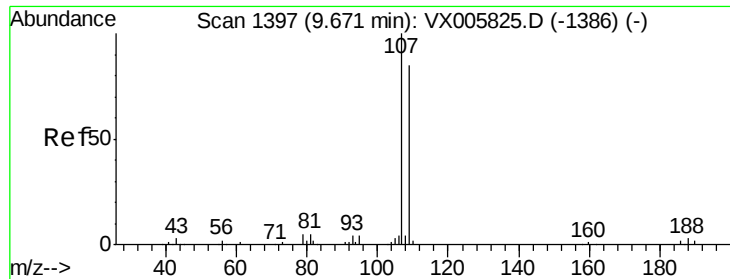
MMDadoda
11/16/2018 10:52:52 AM



#60
Dibromochloromethane
Concen: 45.26 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion: 129 Resp: 73277
Ion Ratio Lower Upper
129 100
127 75.3 38.9 116.7





#61

1,2-Dibromoethane

Concen: 45.16 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 107 Resp: 74797

Ion Ratio Lower Upper

107 100

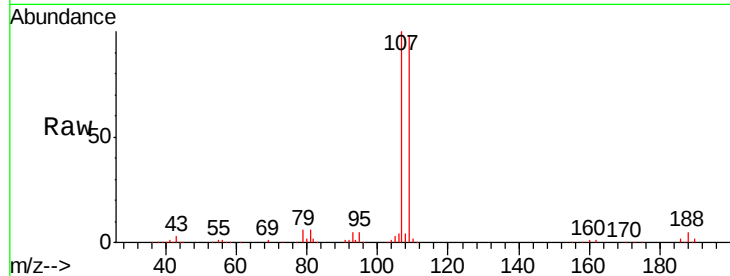
109 93.4 75.7 113.5

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

50000

40000

30000

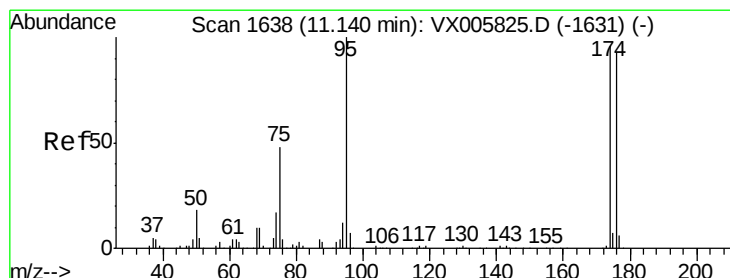
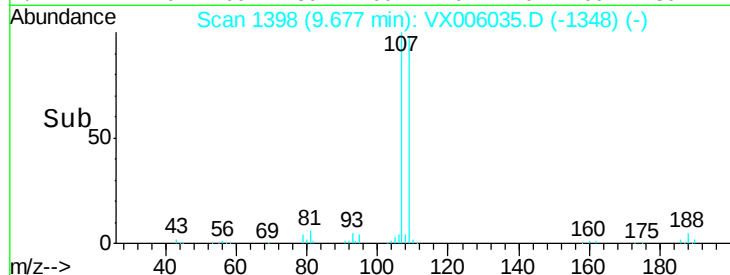
20000

10000

0

9.60 9.65 9.70 9.75 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 49.13 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

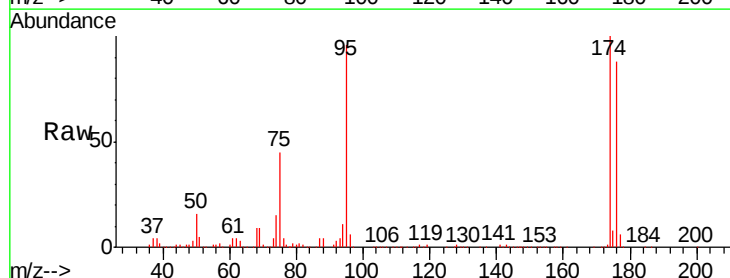
Tgt Ion: 95 Resp: 85475

Ion Ratio Lower Upper

95 100

174 94.2 0.0 184.4

176 89.9 0.0 177.4



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

11.14

80000

60000

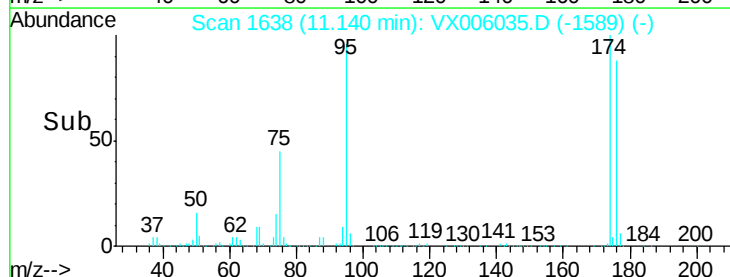
40000

20000

0

11.10 11.20

Time-->





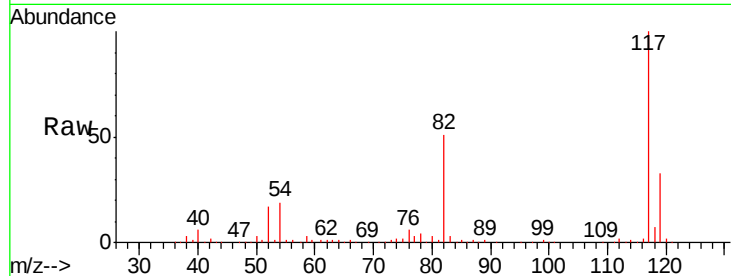
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

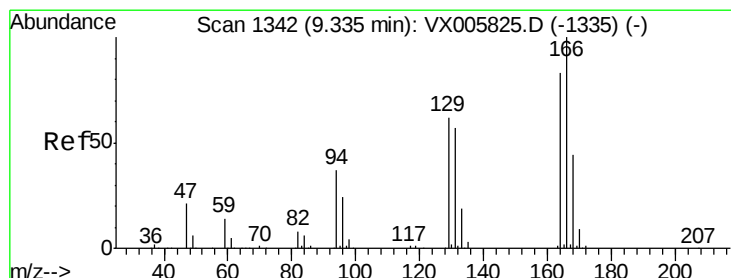
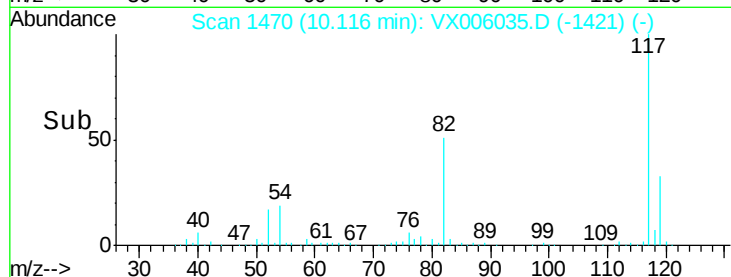
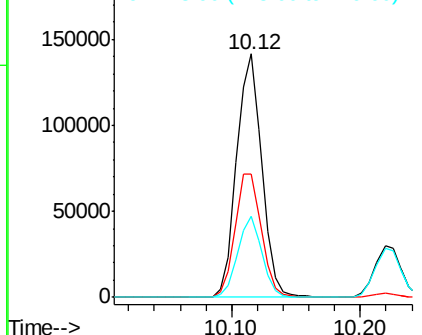
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	192204		
82	50.7	44.1	66.1	
119	33.5	26.2	39.2	

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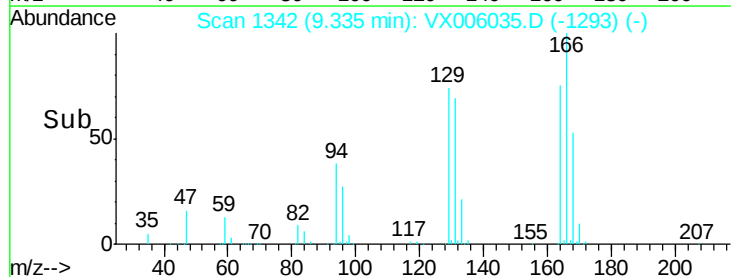
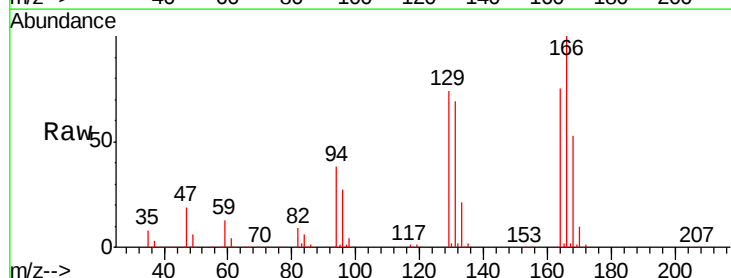
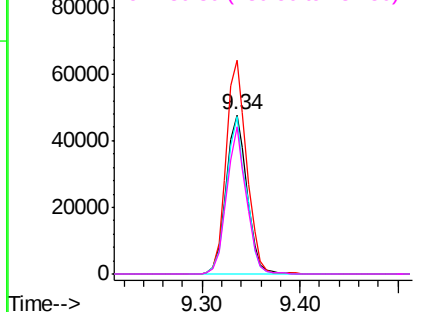
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

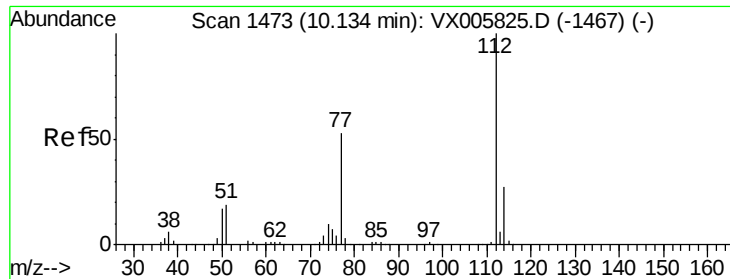


#64
Tetrachloroethene
Concen: 42.98 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	70336		
166	134.1	101.9	152.9	
129	98.8	72.6	109.0	
131	92.3	71.1	106.7	

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





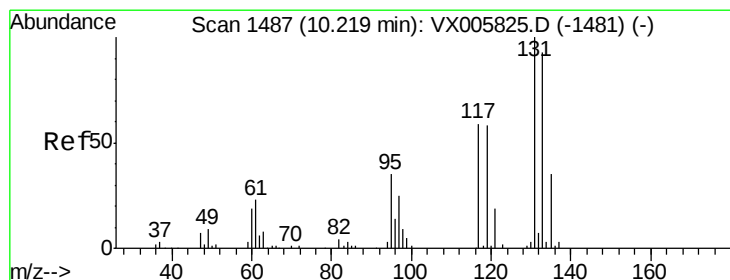
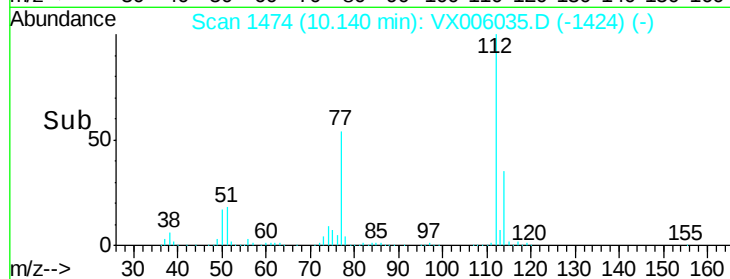
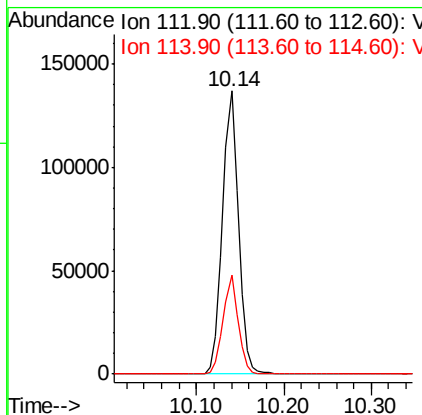
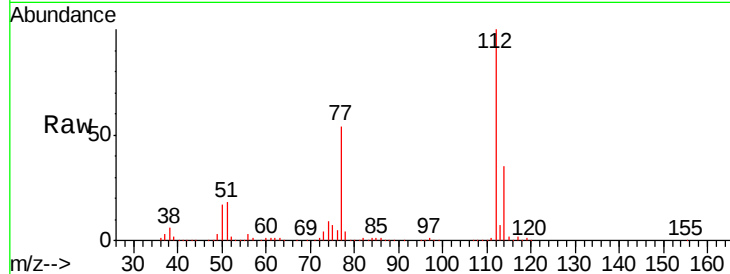
#65
Chlorobenzene
Concen: 44.96 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 173130
Ion Ratio Lower Upper
112 100
114 34.9 25.8 38.6

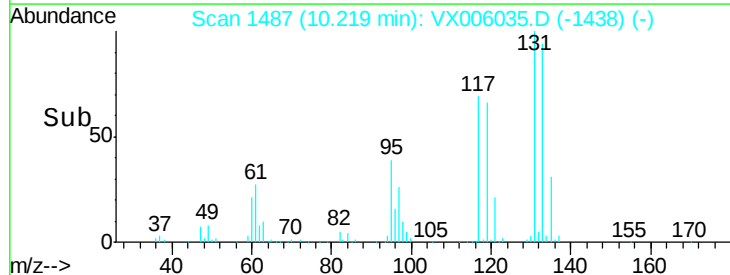
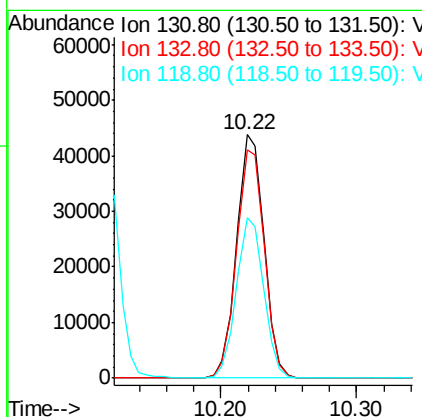
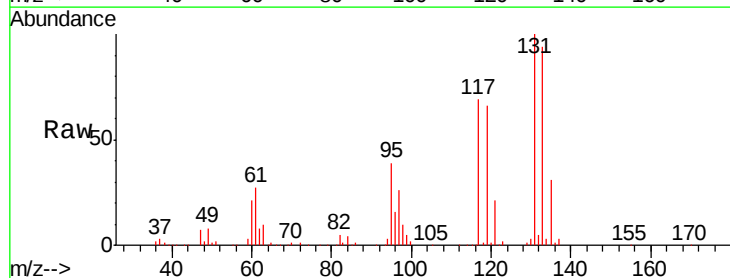
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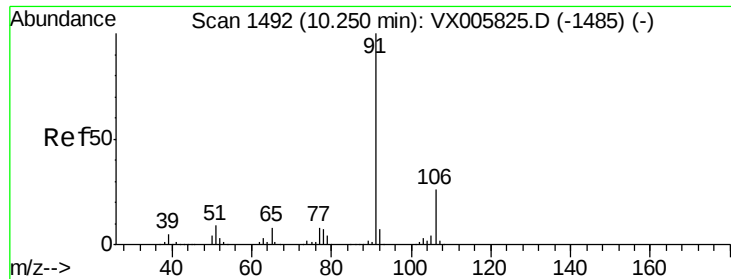
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#66
1,1,1,2-Tetrachloroethane
Concen: 45.82 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion:131 Resp: 61330
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.5
119 66.0 31.8 95.3





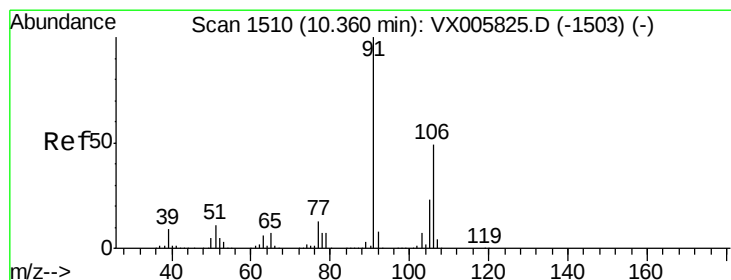
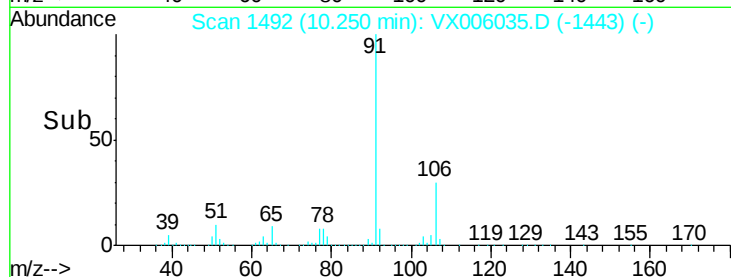
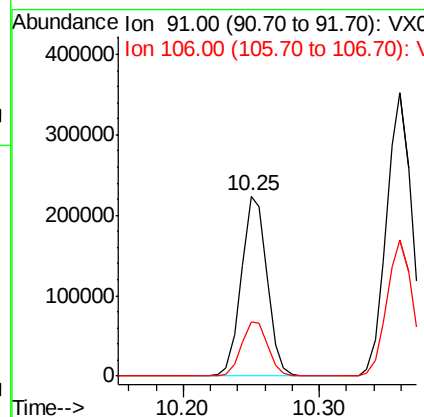
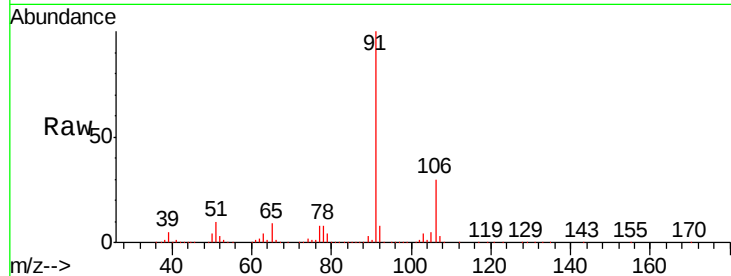
#67
Ethyl Benzene
Concen: 47.74 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 294750
Ion Ratio Lower Upper
91 100
106 30.3 24.4 36.6

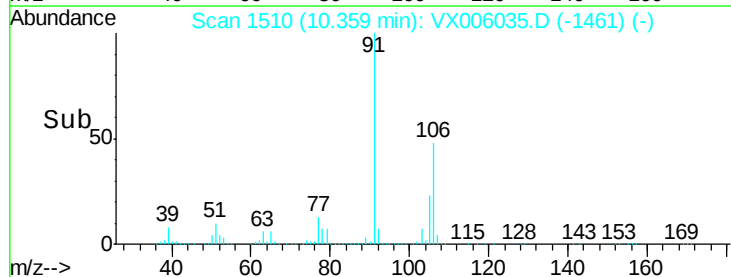
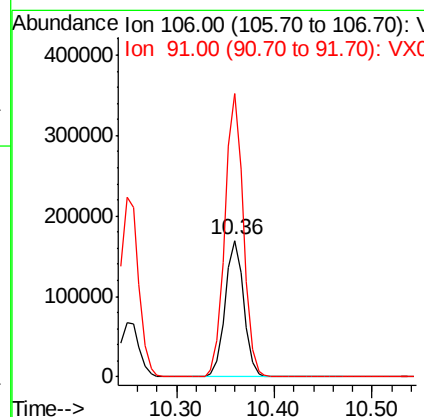
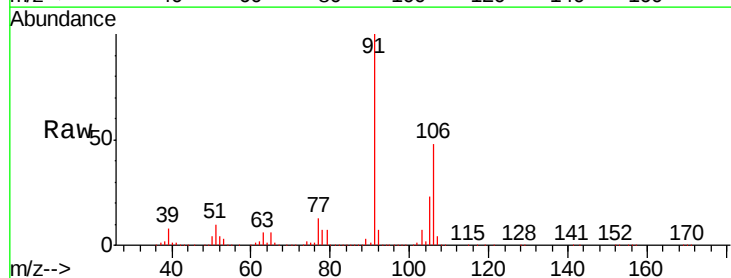
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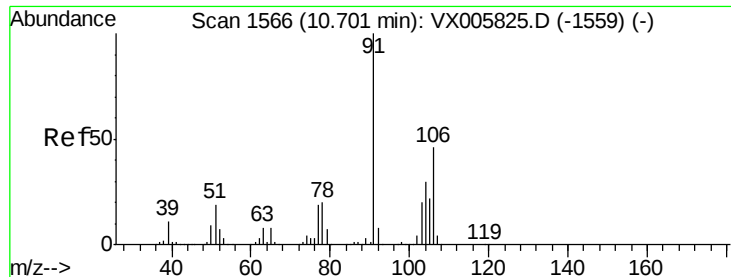
MMDadoda
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#68
m/p-Xylenes
Concen: 94.83 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion: 106 Resp: 223342
Ion Ratio Lower Upper
106 100
91 205.9 164.2 246.4





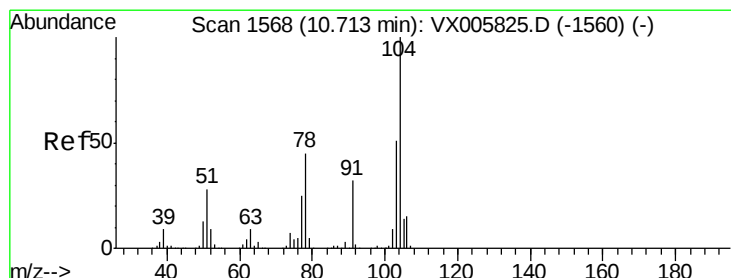
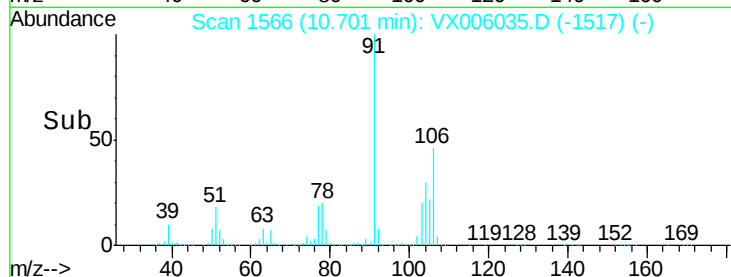
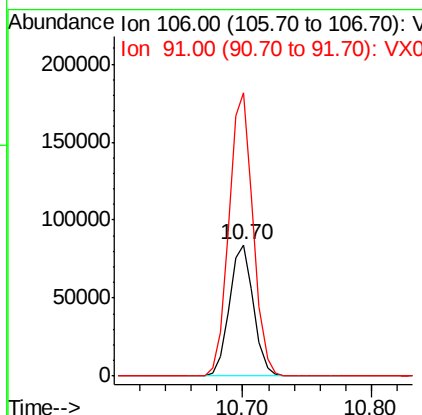
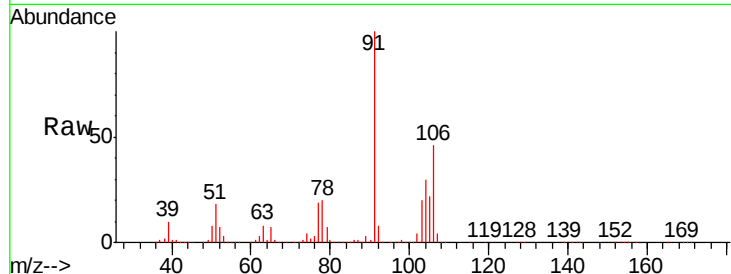
#69
o-Xylene
Concen: 52.08 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	109989		
91	216.2	108.5	325.5	

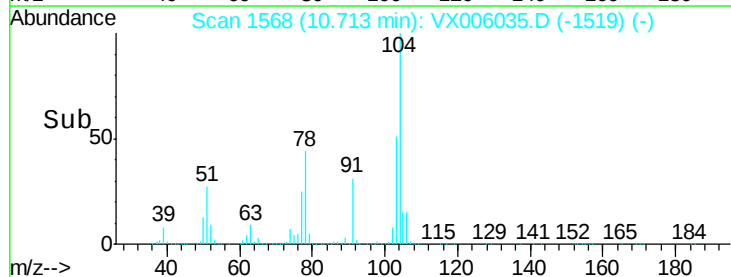
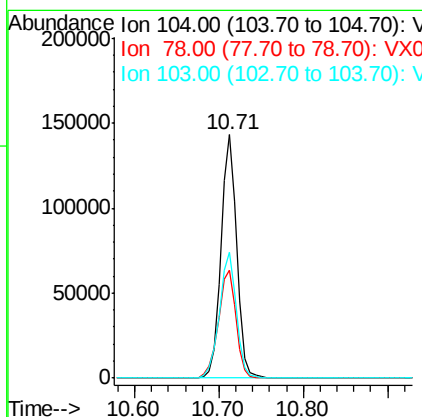
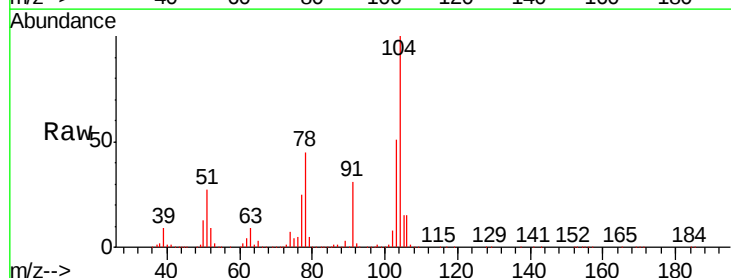
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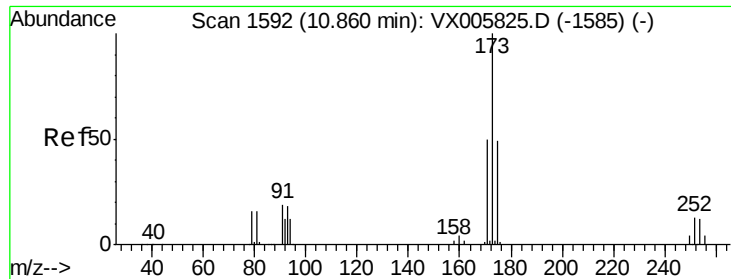
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#70
Styrene
Concen: 53.11 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	185005		
78	50.3	40.2	60.4	
103	55.8	44.9	67.3	





#71

Bromoform

Concen: 47.79 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

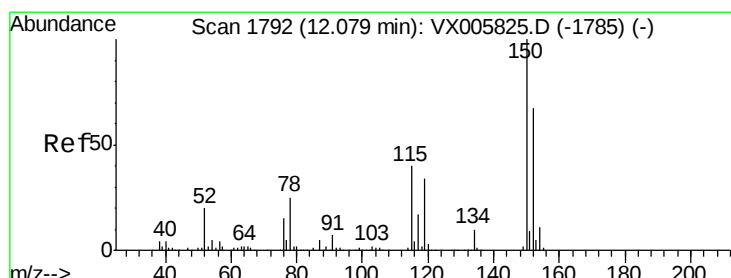
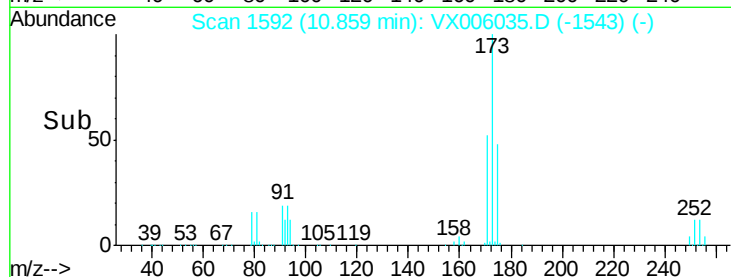
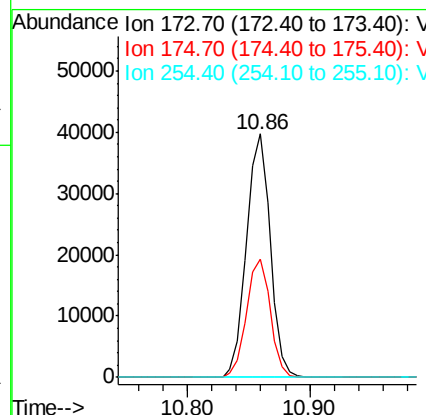
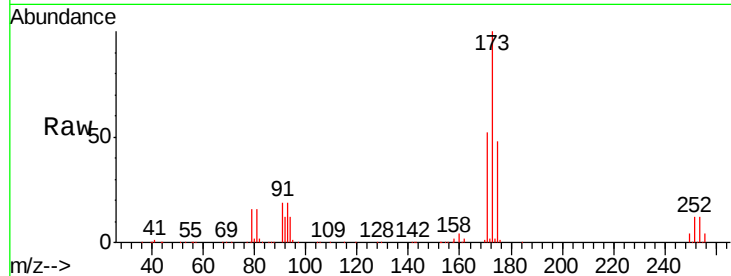
ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 53632
 Ion Ratio Lower Upper
 173 100
 175 48.4 24.8 74.3
 254 0.1 0.2 0.2#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

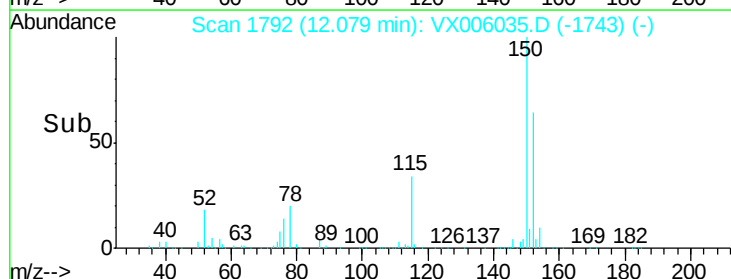
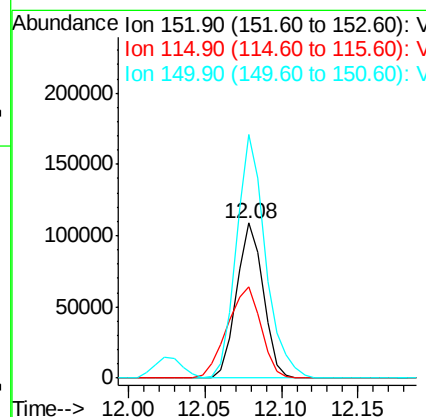
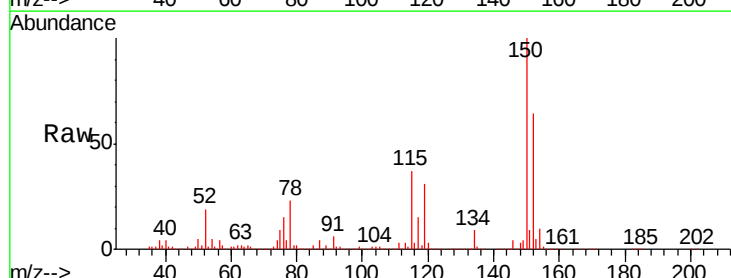
RT: 12.08 min Scan# 1792

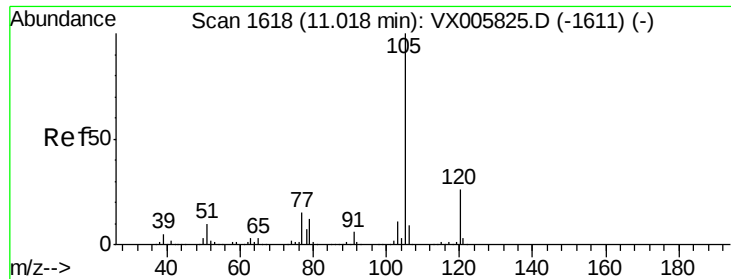
Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Tgt Ion:152 Resp: 131816
 Ion Ratio Lower Upper
 152 100
 115 74.0 39.4 118.1
 150 170.7 0.0 346.4





#73

Isopropylbenzene

Concen: 39.39 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 300298

Ion Ratio Lower Upper

105 100

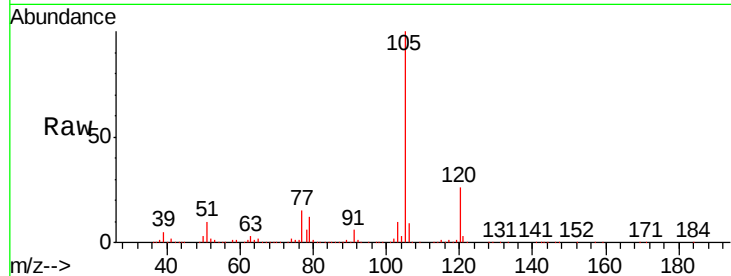
120 26.6 13.1 39.3

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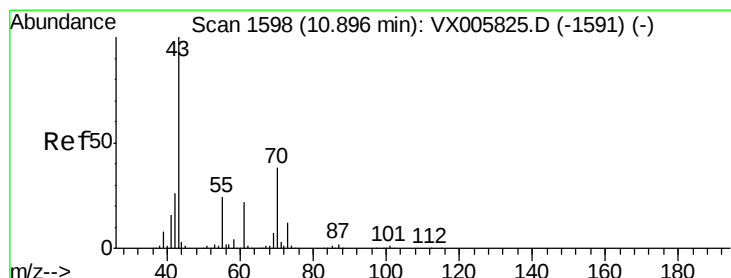
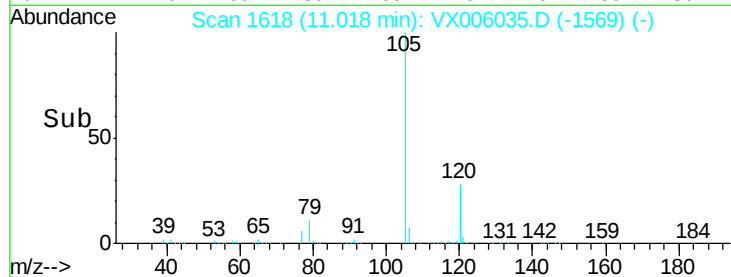
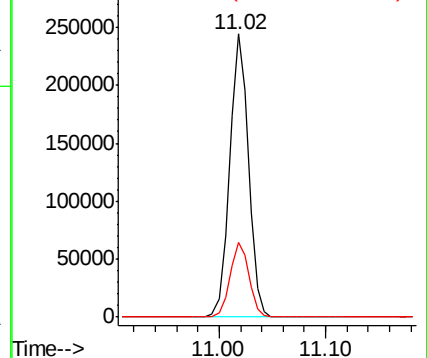
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 36.54 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Tgt Ion: 43 Resp: 154820

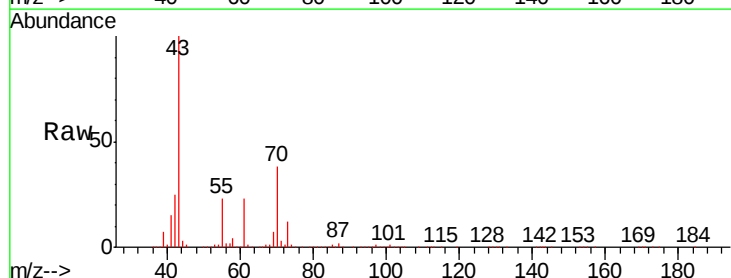
Ion Ratio Lower Upper

43 100

70 40.3 31.6 47.4

55 23.8 19.7 29.5

61 23.7 18.3 27.5

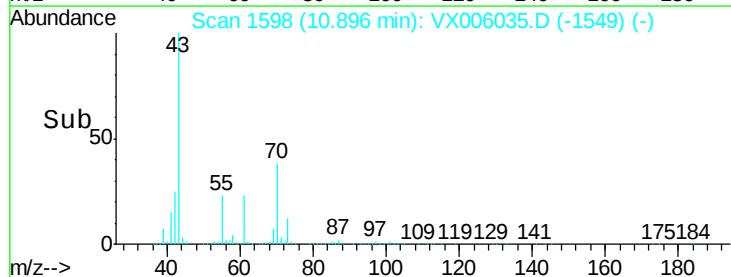
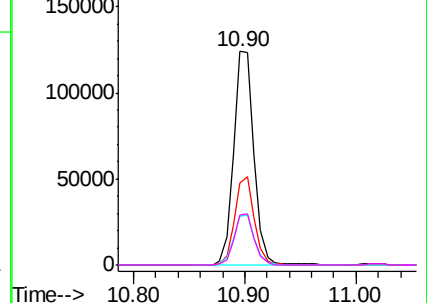


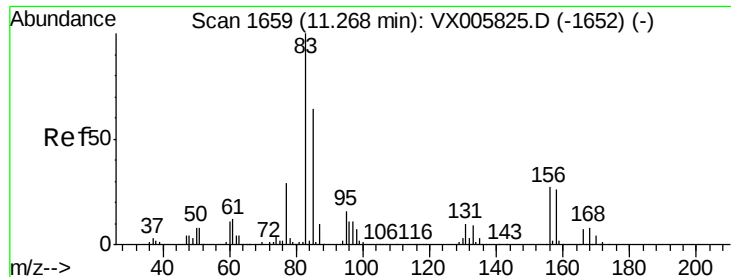
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 38.11 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 106634
Ion Ratio Lower Upper

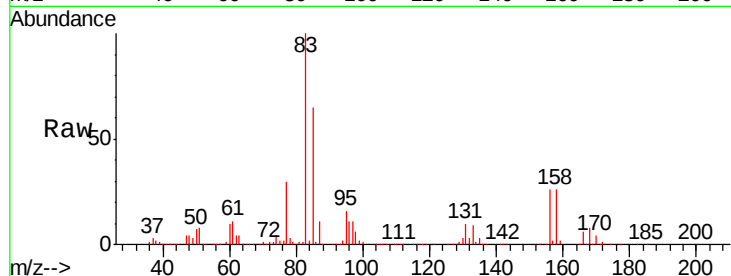
83 100

131 10.5 5.3 15.9

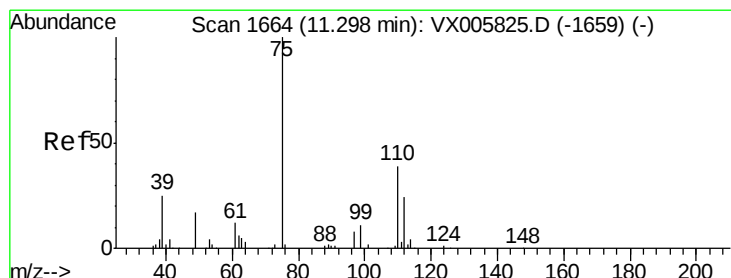
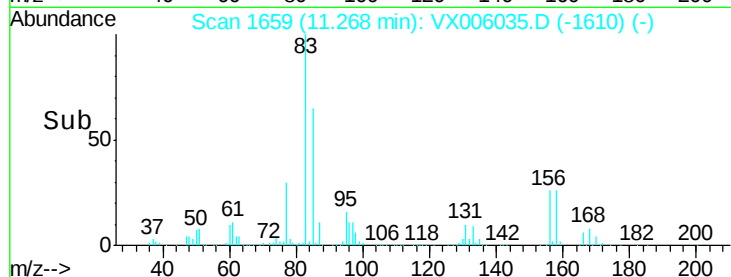
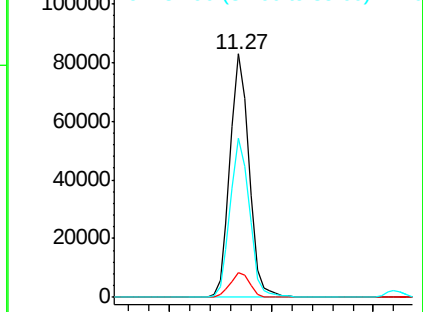
85 66.4 32.0 96.2

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 37.62 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

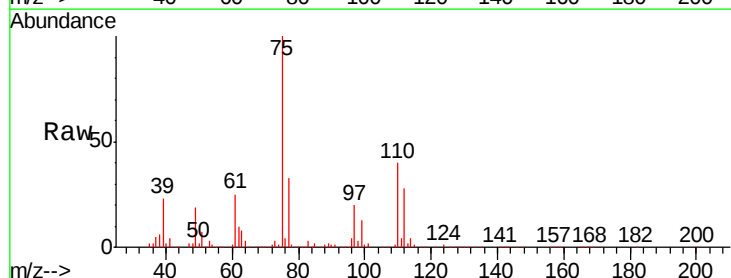
Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

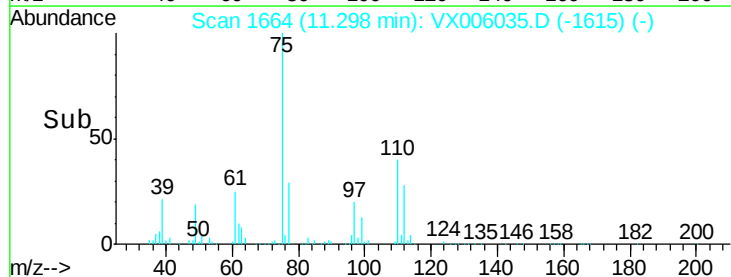
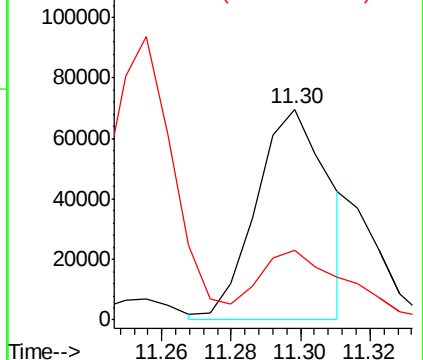
Tgt Ion: 75 Resp: 100971
Ion Ratio Lower Upper

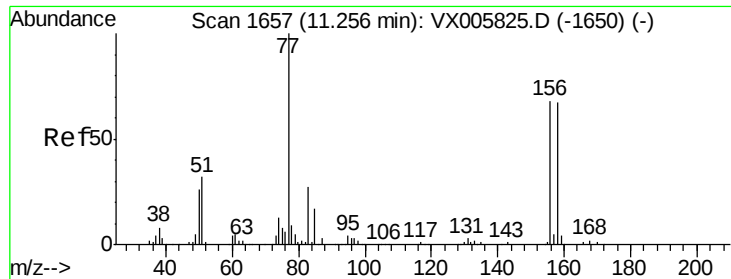
75 100

77 39.2 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 38.19 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 156 Resp: 82045

Ion Ratio Lower Upper

156 100

77 147.1 74.8 224.4

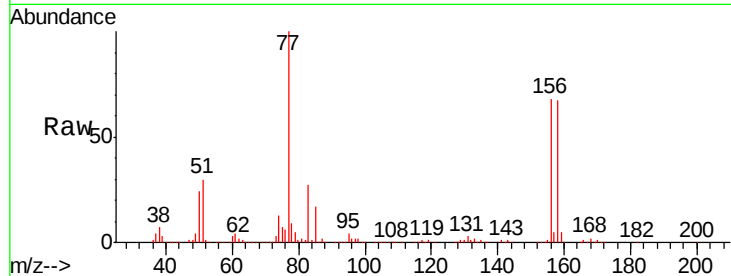
158 99.2 49.1 147.3

Manual Integrations

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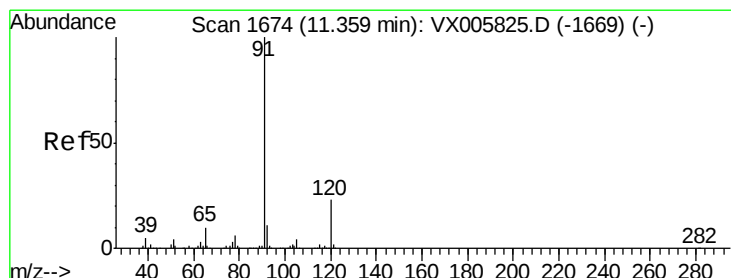
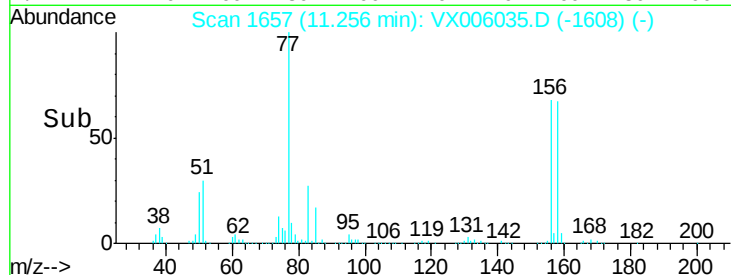
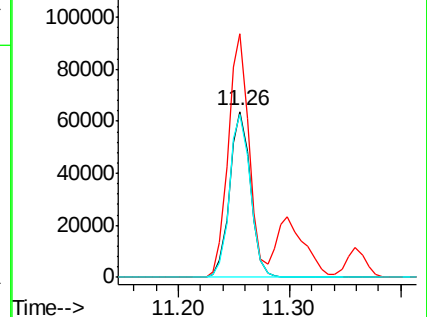
11/16/2018 10:52:52 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 40.61 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006035.D

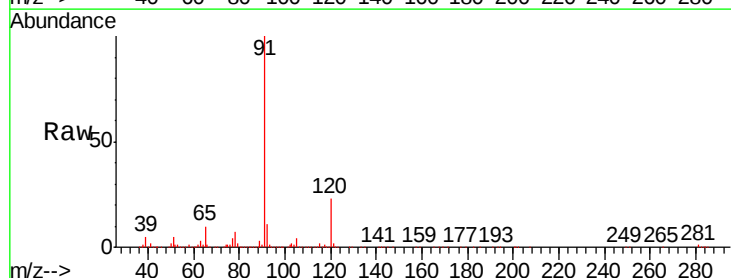
Acq: 15 Nov 2018 21:59

Tgt Ion: 91 Resp: 364847

Ion Ratio Lower Upper

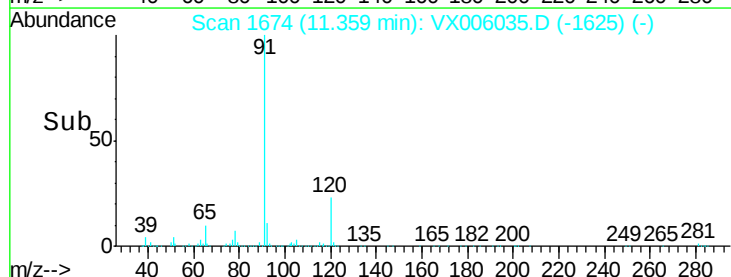
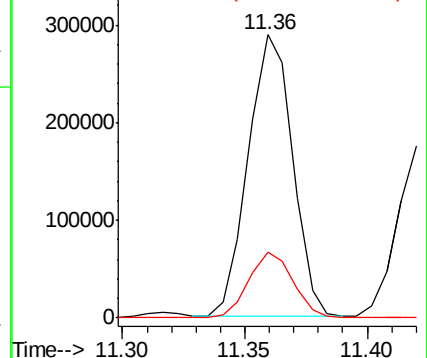
91 100

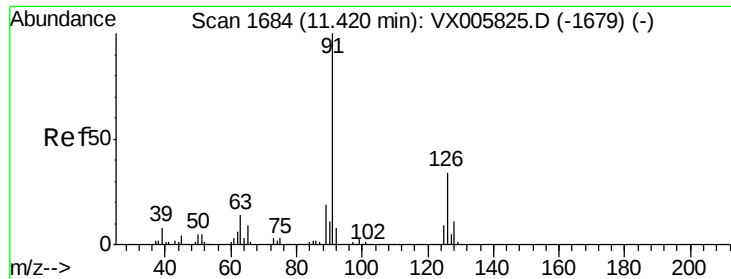
120 23.1 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 39.55 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 214769

Ion Ratio Lower Upper

91 100

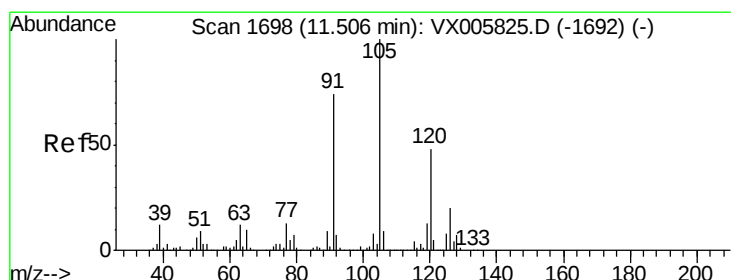
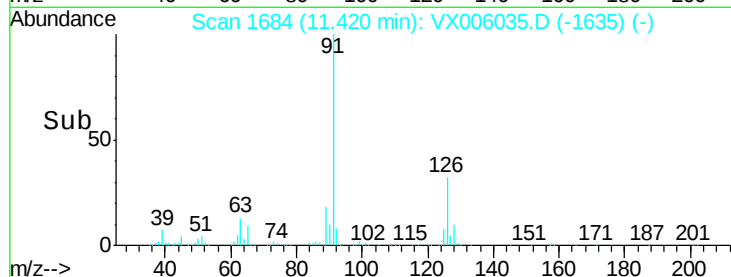
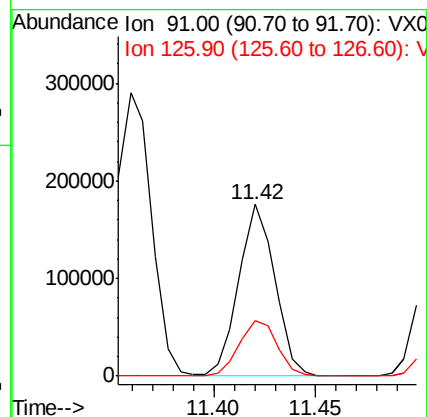
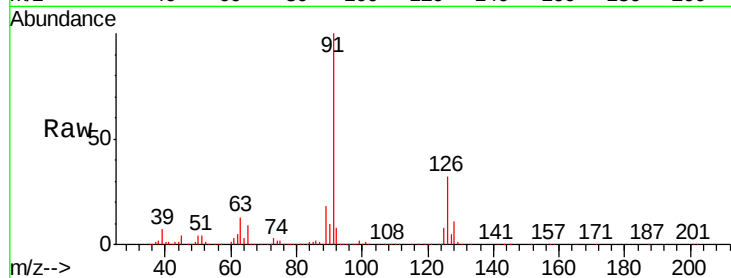
126 34.7 17.3 52.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 43.84 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006035.D

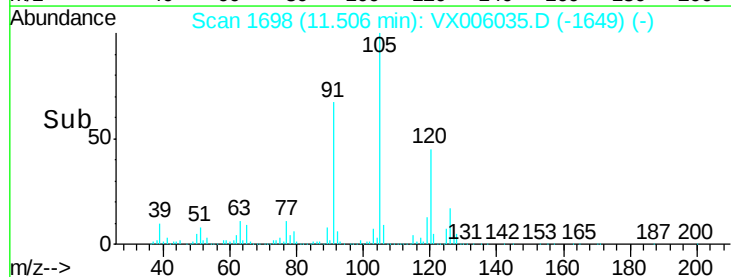
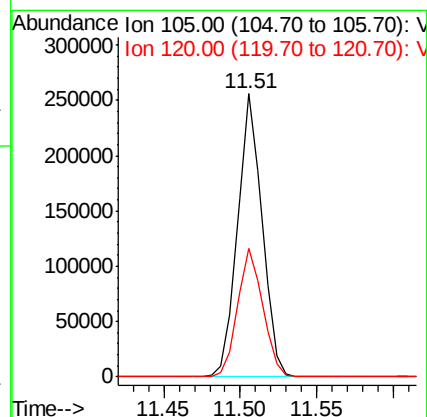
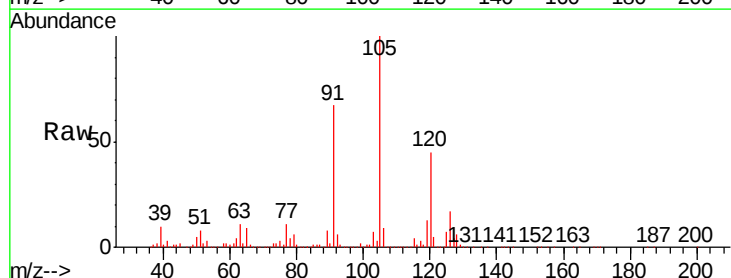
Acq: 15 Nov 2018 21:59

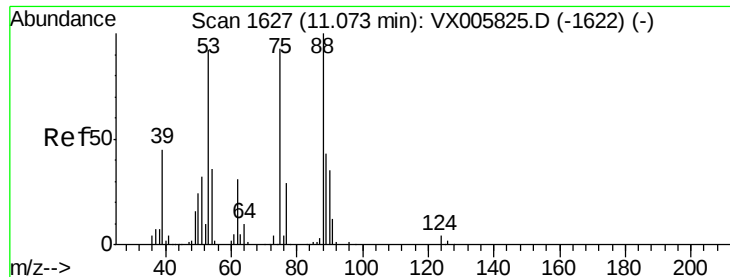
Tgt Ion: 105 Resp: 283974

Ion Ratio Lower Upper

105 100

120 46.9 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 37.71 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

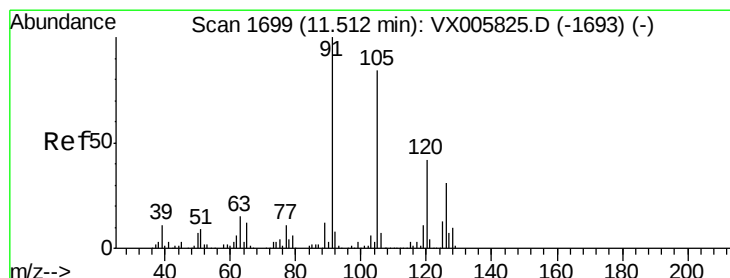
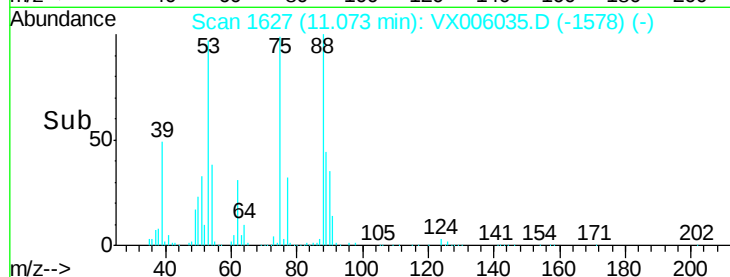
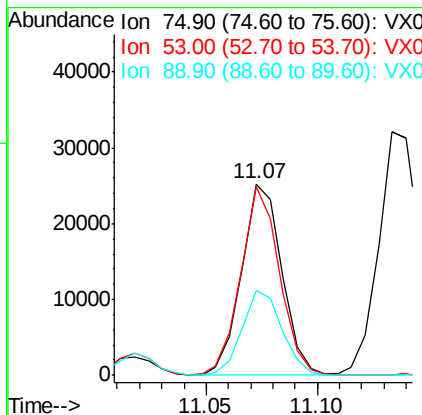
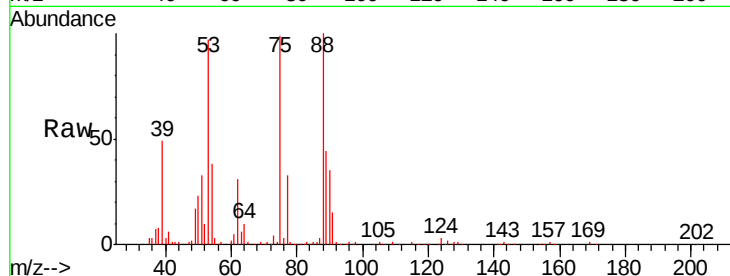
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	75	Resp:	31760
Ion	Ratio	Lower	Upper
75	100		
53	94.8	80.2	120.2
89	44.6	39.8	59.8

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#82

4-Chlorotoluene

Concen: 41.29 ug/l

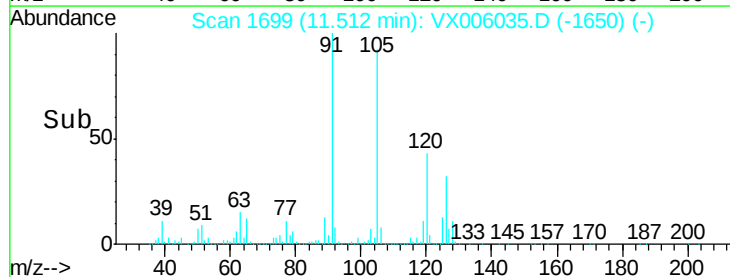
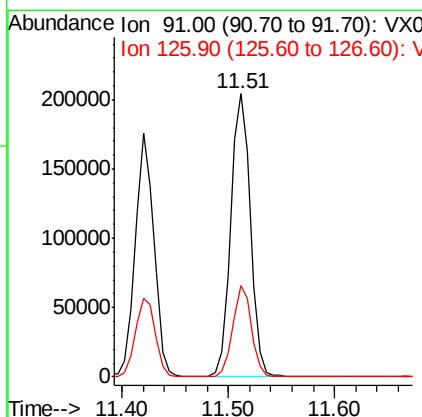
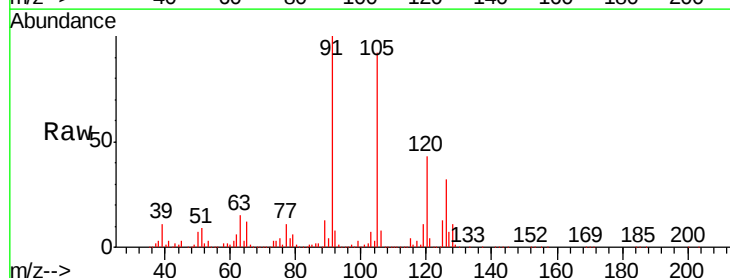
RT: 11.51 min Scan# 1699

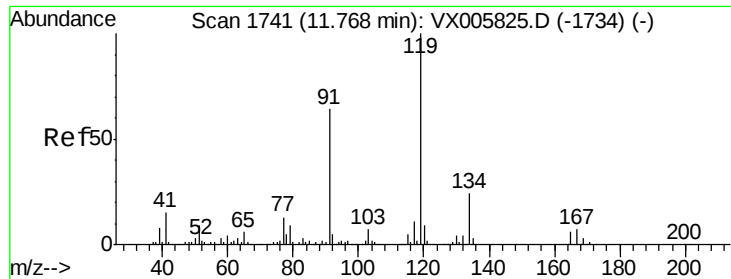
Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Tgt Ion:	91	Resp:	264249
Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.2	45.6





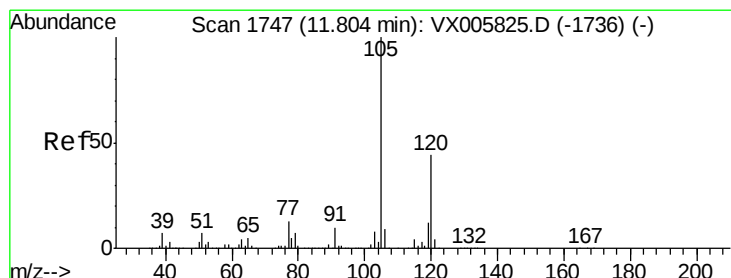
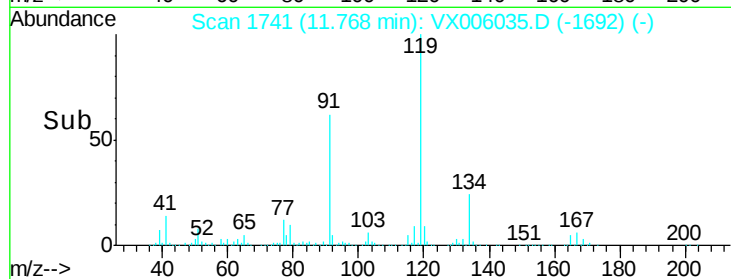
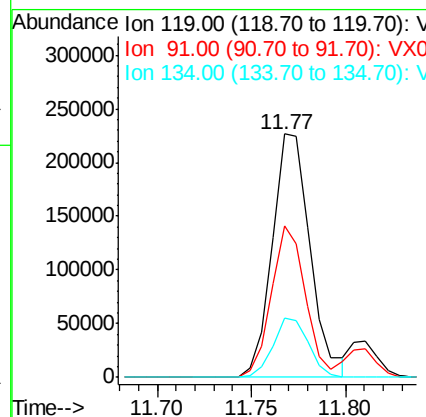
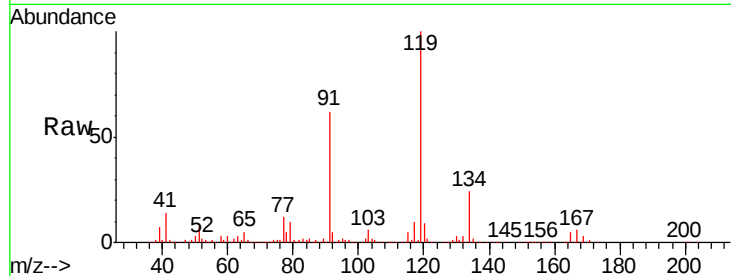
#83
 tert-Butylbenzene
 Concen: 48.17 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	315650		
91	55.7	28.5	85.5	
134	22.9	11.3	33.8	

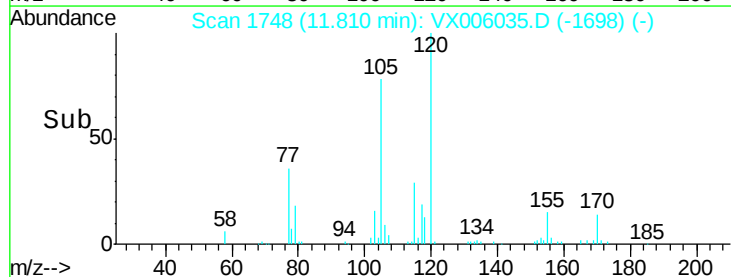
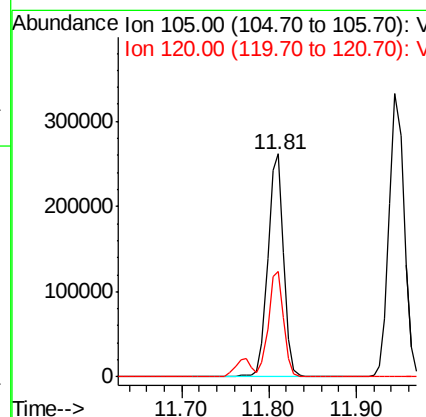
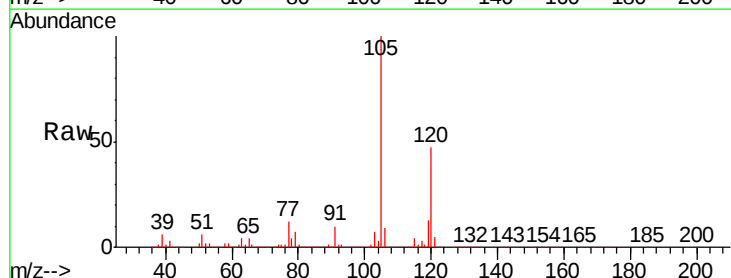
Manual Integrations
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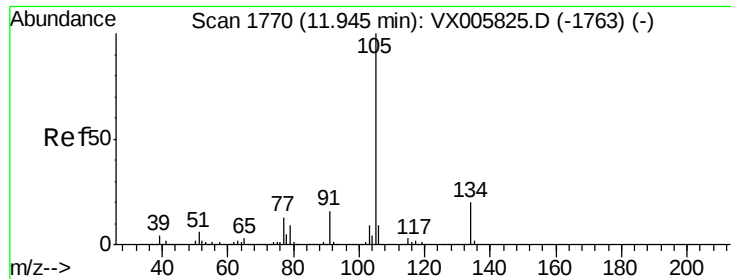
MMDadoda
 11/16/2018 10:52:52 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 45.79 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	327405		
120	46.0	22.4	67.0	





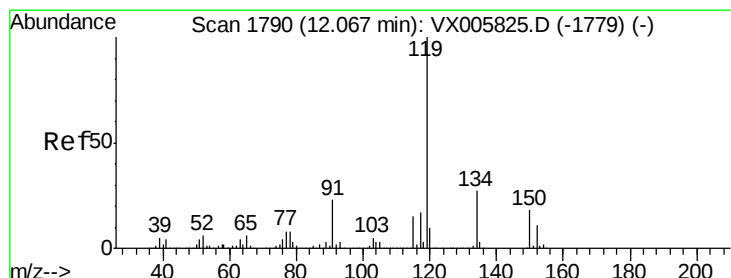
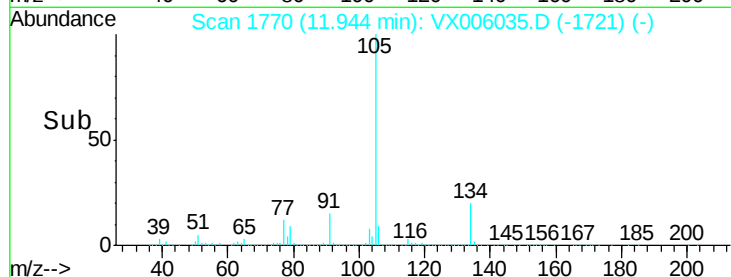
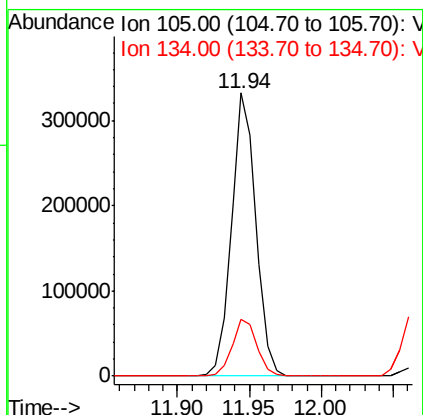
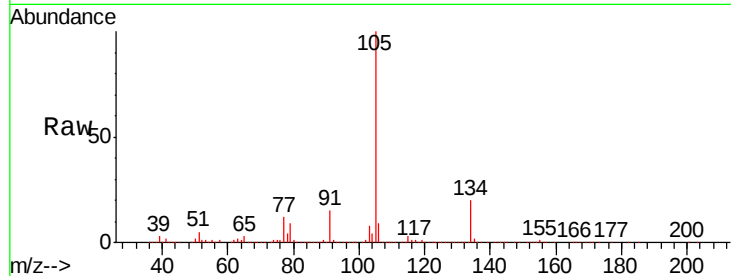
#85
 sec-Butylbenzene
 Concen: 48.98 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	392556		
134	20.5	10.2	30.4	

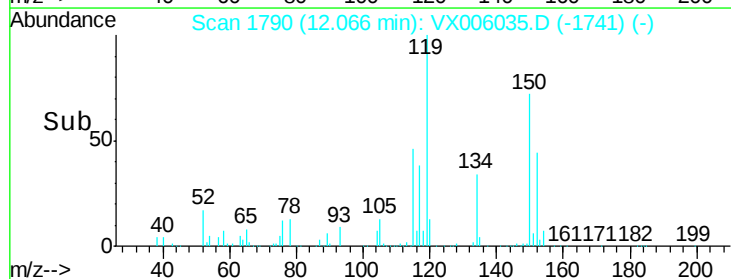
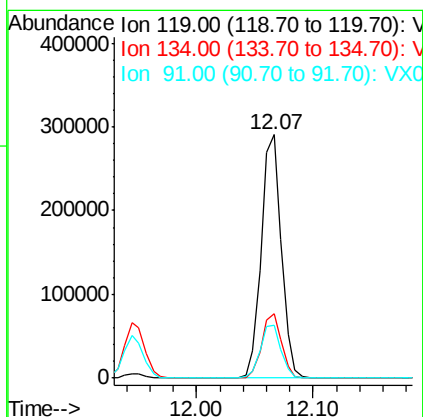
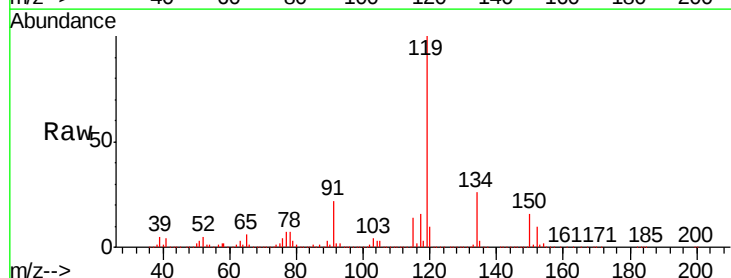
Manual Integrations
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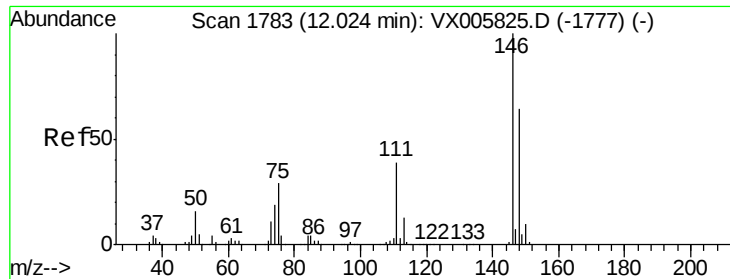
MMDadoda
 11/16/2018 10:52:52 AM



#86
 p-Isopropyltoluene
 Concen: 49.31 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	350018		
134	26.3	13.0	39.0	
91	22.2	11.4	34.2	





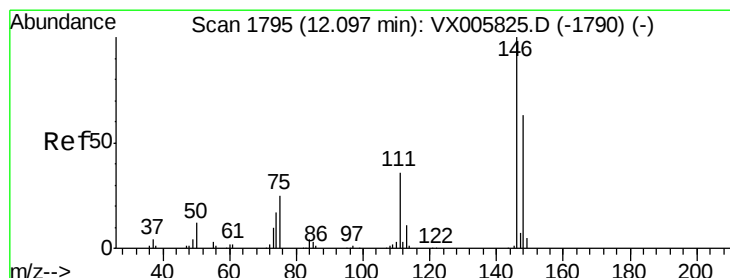
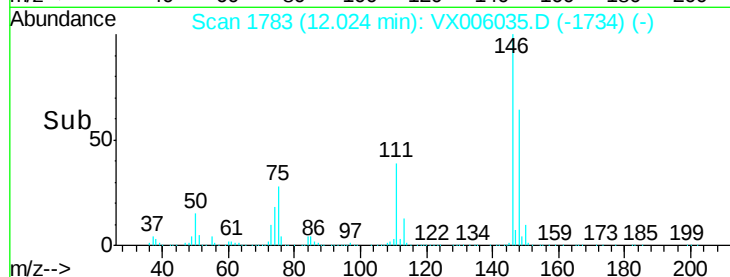
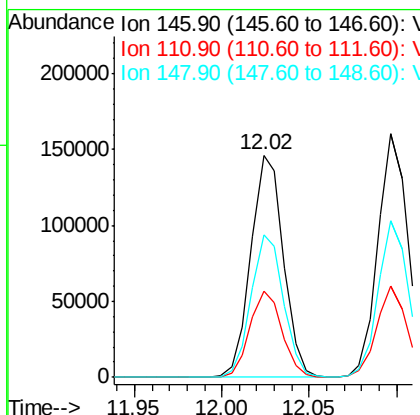
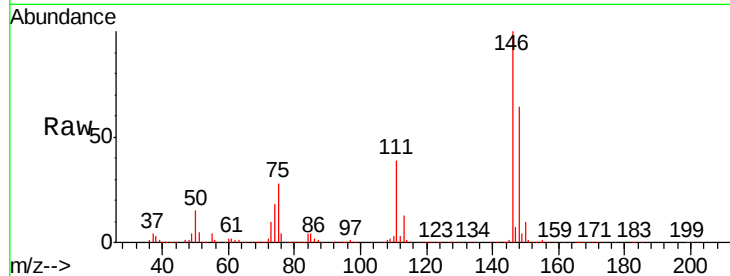
#87
 1,3-Dichlorobenzene
 Concen: 45.87 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.0	57.0
148	63.9	31.9	95.9

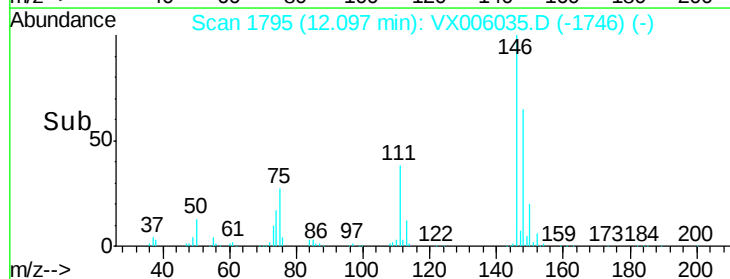
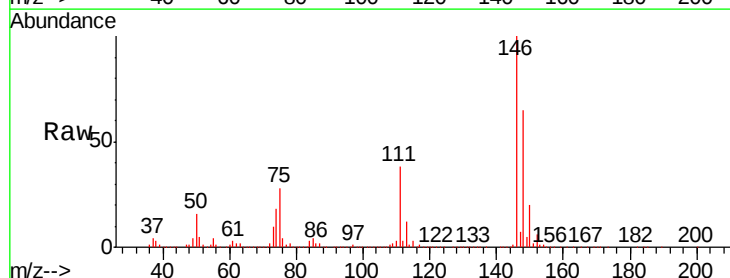
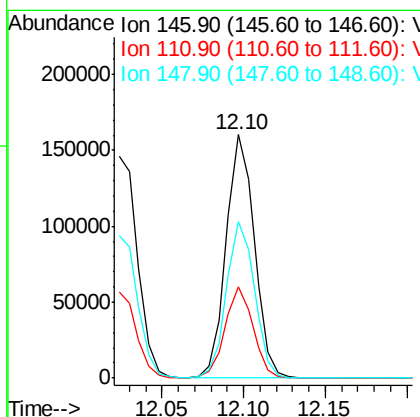
Manual Integrations
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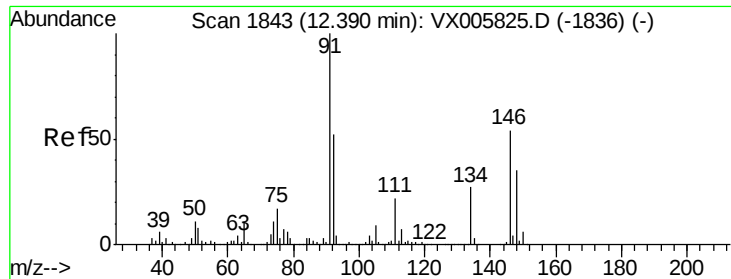
MMDadoda
 11/16/2018 10:52:52 AM



#88
 1,4-Dichlorobenzene
 Concen: 45.63 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.6	55.8
148	64.4	32.1	96.3





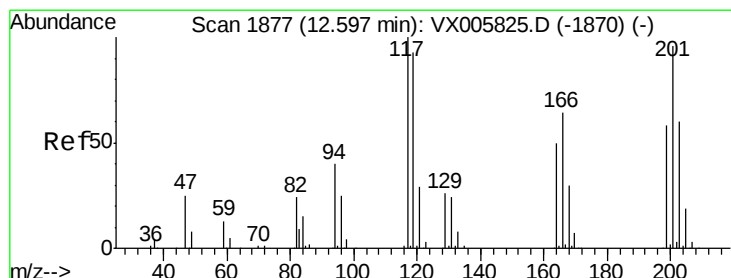
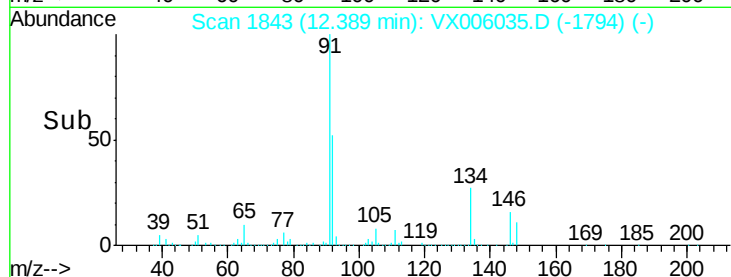
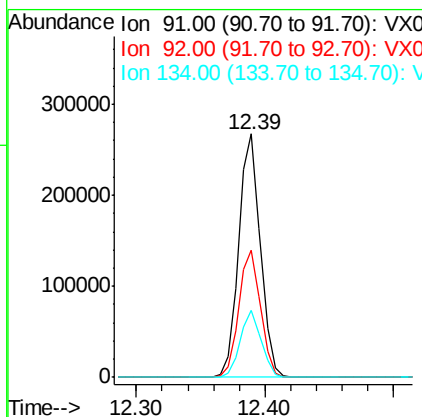
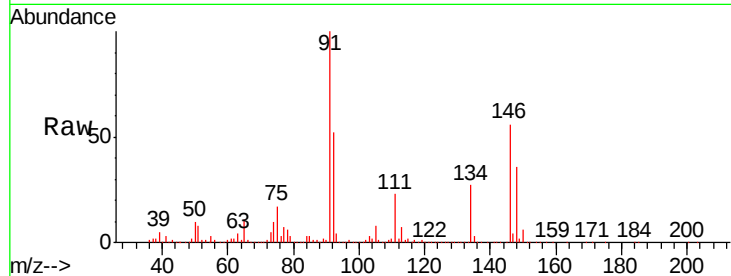
#89
n-Butylbenzene
Concen: 47.20 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 310533
Ion Ratio Lower Upper
91 100
92 52.6 26.1 78.2
134 26.7 13.1 39.3

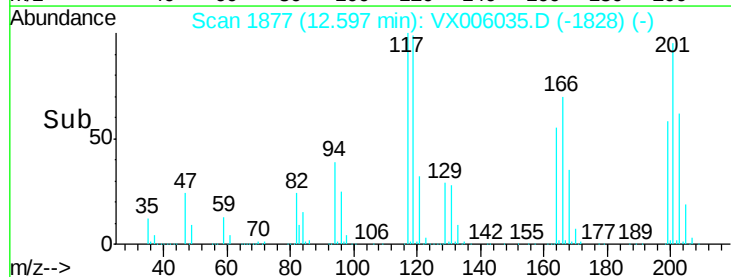
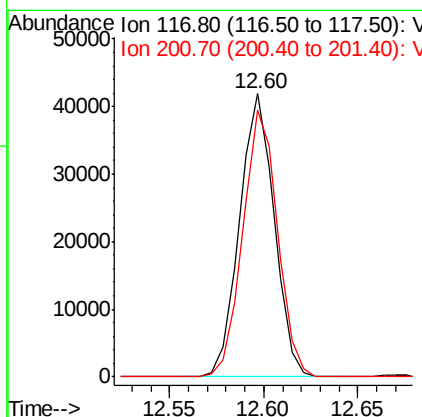
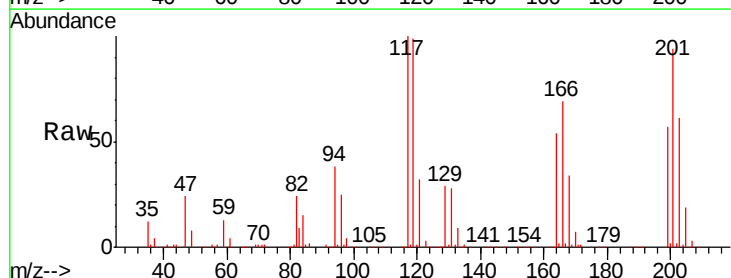
Manual Integrations
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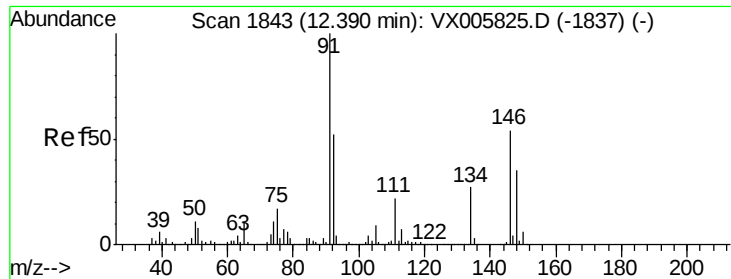
MMDadoda
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#90
Hexachloroethane
Concen: 45.15 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion: 117 Resp: 53503
Ion Ratio Lower Upper
117 100
201 94.1 47.9 143.6





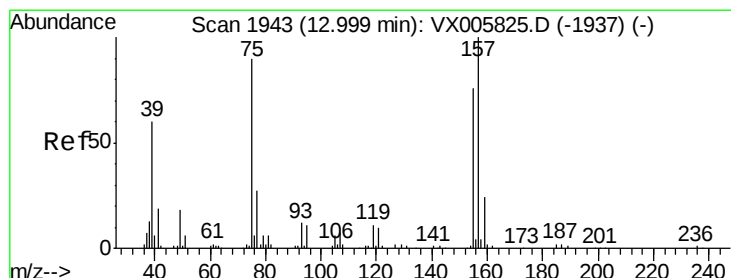
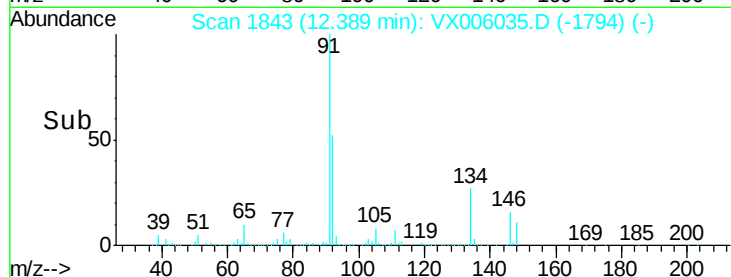
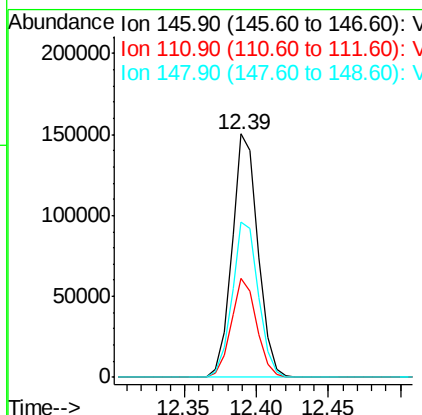
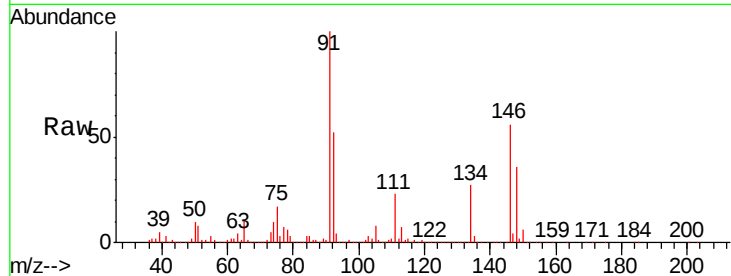
#91
 1,2-Dichlorobenzene
 Concen: 45.87 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	189458		
111	40.0	20.0	59.9	
148	64.5	32.2	96.6	

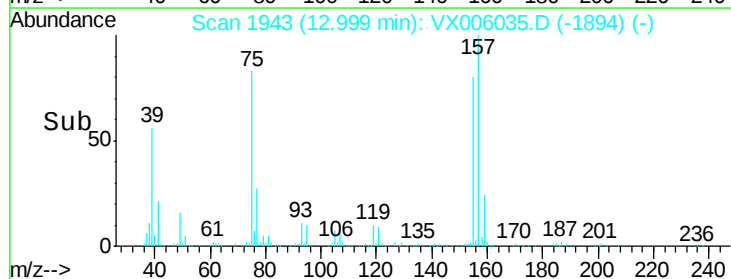
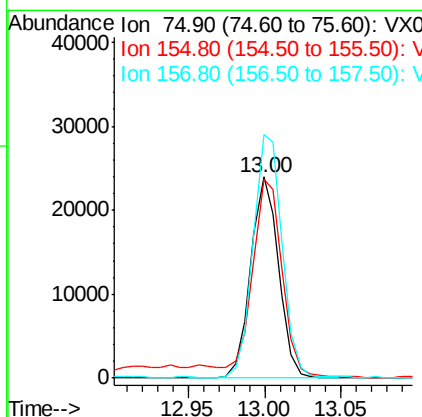
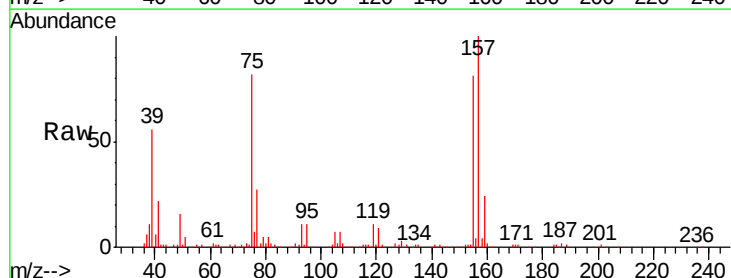
Manual Integrations
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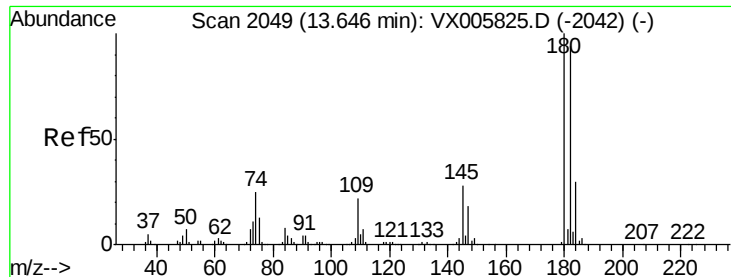
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 11/16/2018 10:52:52 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.39 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	30309		
155	106.0	45.4	136.1	
157	125.3	57.4	172.0	





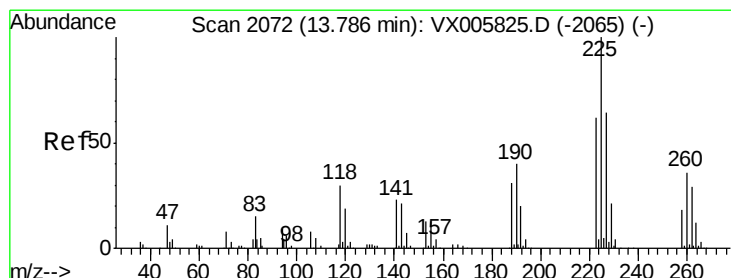
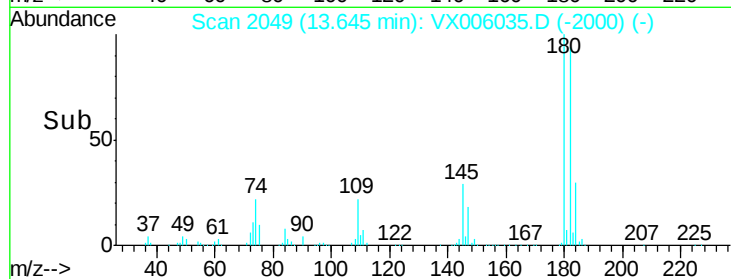
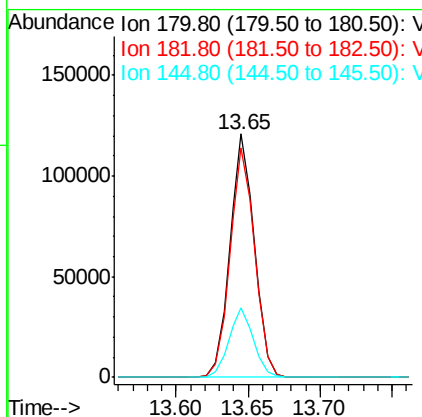
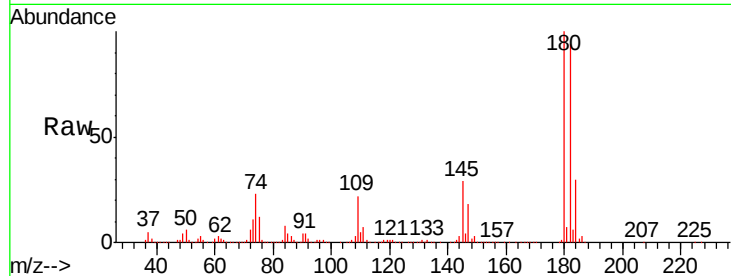
#93
 1,2,4-Trichlorobenzene
 Concen: 49.44 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.6	142.8
145	28.5	14.1	42.2

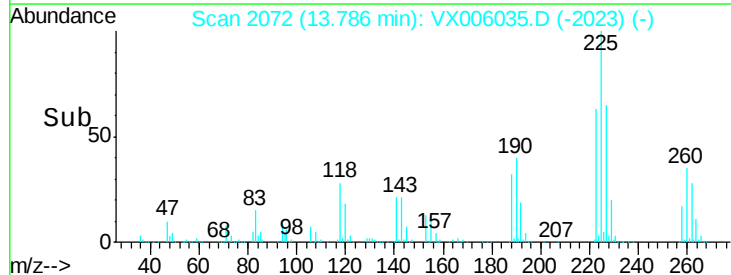
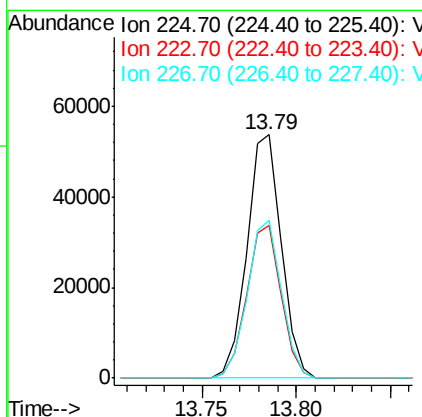
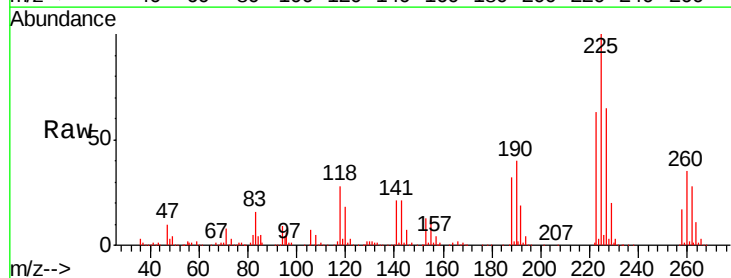
Manual Integrations
 APPROVED

MMDadoda
 11/16/2018 10:52:52 AM



#94
 Hexachlorobutadiene
 Concen: 44.34 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.7	95.1
227	64.2	32.3	96.9





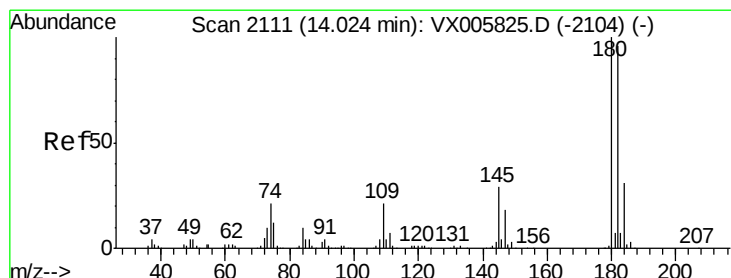
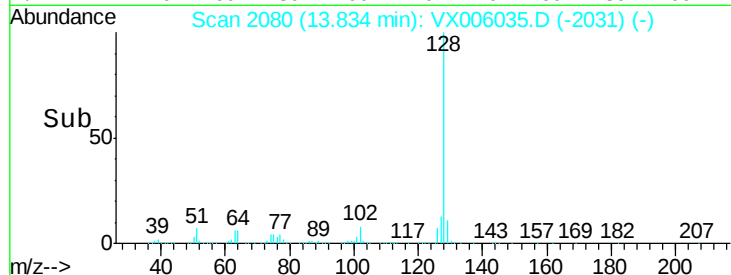
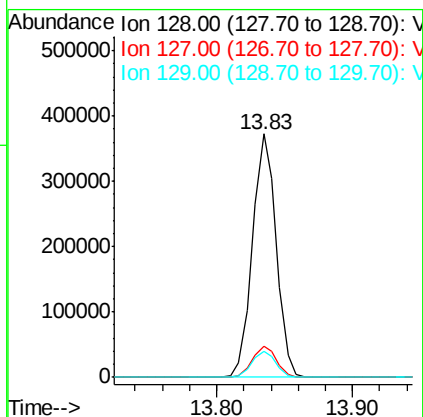
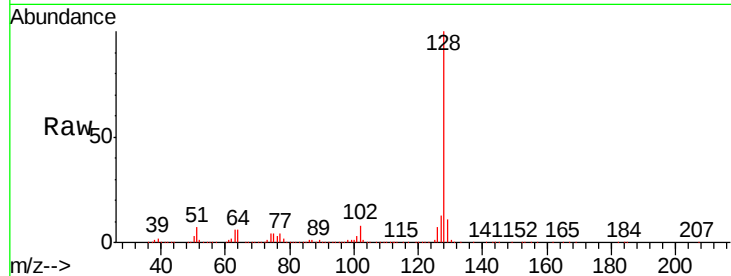
#95
Naphthalene
Concen: 48.15 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/16/2018 10:52:52 AM



#96
1,2,3-Trichlorobenzene
Concen: 48.99 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.0	144.2
145	30.3	15.1	45.3

