

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111218\
 Data File : VX005939.D
 Acq On : 13 Nov 2018 09:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/13/2018 1:24:09 PM

Quant Time: Nov 13 12:19:37 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	101762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	137195	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	126999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	72877	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	60313	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
35) Dibromofluoromethane	5.51	113	48623	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
50) Toluene-d8	8.71	98	165409	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	
62) 4-Bromofluorobenzene	11.14	95	63135	56.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.20%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	44531	48.535	ug/l	99
3) Chloromethane	1.32	50	54749	45.469	ug/l	99
4) Vinyl Chloride	1.41	62	59846	49.509	ug/l	94
5) Bromomethane	1.64	94	32789	44.325	ug/l	97
6) Chloroethane	1.71	64	34096	47.273	ug/l #	84
7) Trichlorofluoromethane	1.92	101	78858	49.147	ug/l	86
8) Diethyl Ether	2.18	74	32676	51.972	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	46294	50.166	ug/l	98
10) Methyl Iodide	2.51	142	57026	50.987	ug/l	100
11) Tert butyl alcohol	3.07	59	86338	257.624	ug/l	99
12) 1,1-Dichloroethene	2.37	96	43863	48.766	ug/l	90
13) Acrolein	2.29	56	57524	351.556	ug/l	98
14) Allyl chloride	2.73	41	97076	48.324	ug/l	98
15) Acrylonitrile	3.15	53	189030	272.173	ug/l	96
16) Acetone	2.45	43	171804	272.750	ug/l	97
17) Carbon Disulfide	2.57	76	123222	45.928	ug/l	100
18) Methyl Acetate	2.78	43	97625	58.073	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	160172	52.175	ug/l	93
20) Methylene Chloride	2.85	84	50945	49.236	ug/l #	94
21) trans-1,2-Dichloroethene	3.16	96	47802	50.386	ug/l	92
22) Diisopropyl ether	3.87	45	172207	48.935	ug/l	96
23) Vinyl Acetate	3.82	43	772321	255.963	ug/l #	94
24) 1,1-Dichloroethane	3.70	63	95285	50.751	ug/l	97
25) 2-Butanone	4.71	43	254990	257.488	ug/l	99
26) 2,2-Dichloropropane	4.59	77	47792	34.701	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	55313	52.802	ug/l	93
28) Bromochloromethane	5.01	49	47618	56.750	ug/l	99
29) Tetrahydrofuran	5.15	42	166937	262.543	ug/l	99
30) Chloroform	5.21	83	87527	48.321	ug/l	98
31) Cyclohexane	5.57	56	79651	48.873	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	78137	51.717	ug/l	99
36) 1,1-Dichloropropene	5.80	75	68823	52.036	ug/l	97
37) Ethyl Acetate	4.86	43	93501	53.760	ug/l	99
38) Carbon Tetrachloride	5.78	117	69968	52.843	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	70595	52.664	ug/l	96
40) Benzene	6.15	78	198529	51.490	ug/l	96
41) Methacrylonitrile	5.06	41	49185	52.336	ug/l	96
42) 1,2-Dichloroethane	6.20	62	74412	53.883	ug/l	100
43) Isopropyl Acetate	6.46	43	136464	54.149	ug/l	98
44) Trichloroethene	7.21	130	53738	54.882	ug/l	90
45) 1,2-Dichloropropane	7.51	63	51645	55.186	ug/l #	85
46) Dibromomethane	7.66	93	31730	54.032	ug/l	96
47) Bromodichloromethane	7.90	83	63503	57.219	ug/l	98
48) Methyl methacrylate	7.77	41	66743	58.981	ug/l	99
49) 1,4-Dioxane	7.75	88	28238	1158.031	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	444963	280.148	ug/l	100
52) Toluene	8.79	92	112737	52.317	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	65070	49.684	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	72919	54.625	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	46817	48.749	ug/l	96
56) Ethyl methacrylate	9.18	69	73886	51.418	ug/l	99
57) 1,3-Dichloropropane	9.37	76	79870	49.489	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	218916	278.603	ug/l	97
59) 2-Hexanone	9.49	43	353134	252.234	ug/l	100
60) Dibromochloromethane	9.59	129	51140	49.272	ug/l	99
61) 1,2-Dibromoethane	9.67	107	50004	47.087	ug/l	99
64) Tetrachloroethene	9.34	164	53554	49.529	ug/l	98
65) Chlorobenzene	10.14	112	126893	49.875	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	47497	53.699	ug/l	99
67) Ethyl Benzene	10.25	91	221708	54.344	ug/l	99
68) m/p-Xylenes	10.36	106	171355	110.115	ug/l	100
69) o-Xylene	10.70	106	81311	58.271	ug/l	99
70) Styrene	10.71	104	138490	60.164	ug/l	99
71) Bromoform	10.86	173	43124	58.160	ug/l #	98
73) Isopropylbenzene	11.02	105	225063	53.404	ug/l	100
74) N-amyl acetate	10.90	43	115089	48.703	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	77830	50.314	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	75484m	50.867	ug/l	
77) Bromobenzene	11.26	156	59838	50.374	ug/l	99
78) n-propylbenzene	11.36	91	261332	52.616	ug/l	99
79) 2-Chlorotoluene	11.42	91	154752	51.548	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	193952	54.156	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	20969	45.037	ug/l	96
82) 4-Chlorotoluene	11.51	91	185226	52.352	ug/l	100
83) tert-Butylbenzene	11.77	119	188126	51.923	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	201925	51.093	ug/l	99
85) sec-Butylbenzene	11.94	105	229442	51.786	ug/l	100
86) p-Isopropyltoluene	12.07	119	207930	52.982	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	110372	48.415	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	112691	48.288	ug/l	99
89) n-Butylbenzene	12.39	91	182688	50.227	ug/l	100
90) Hexachloroethane	12.60	117	33487	51.108	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	112614	49.311	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20448	54.170	ug/l	99

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VSTDCCC050EC

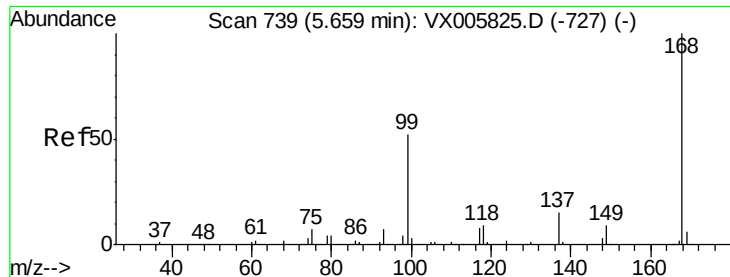
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	83901	52.187	ug/l	100
94) Hexachlorobutadiene	13.78	225	41067	48.628	ug/l	99
95) Naphthalene	13.83	128	263329	50.219	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	86303	52.692	ug/l	99

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



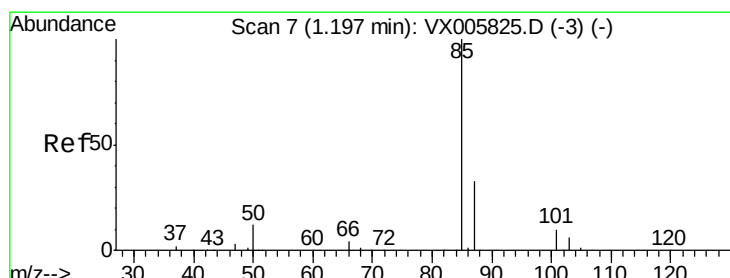
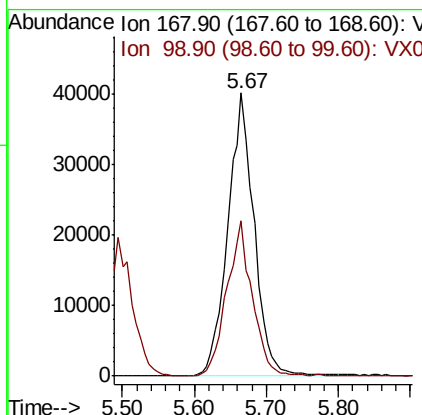
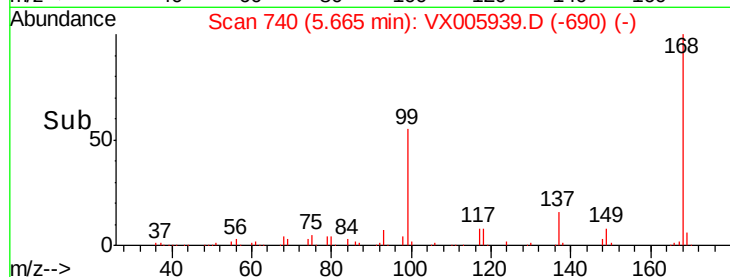
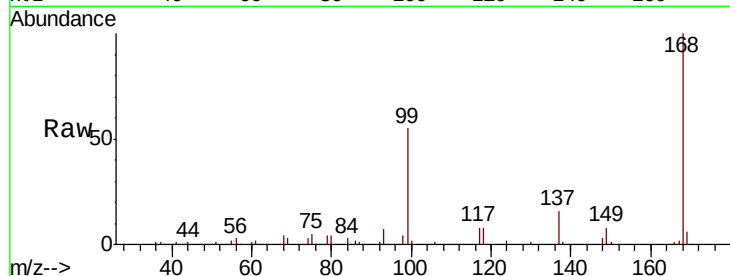
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:168 Resp: 101762
Ion Ratio Lower Upper
168 100
99 54.7 40.7 61.1

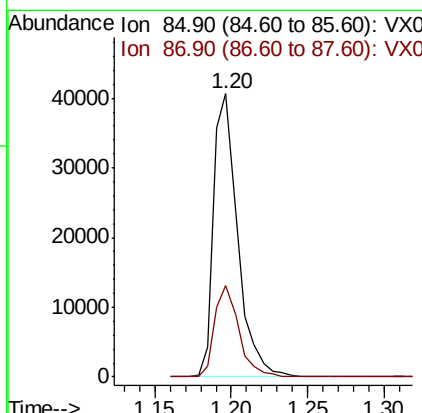
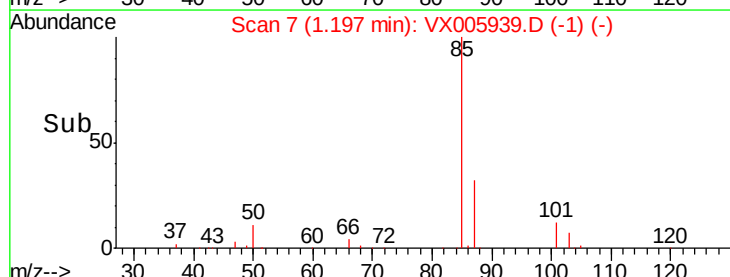
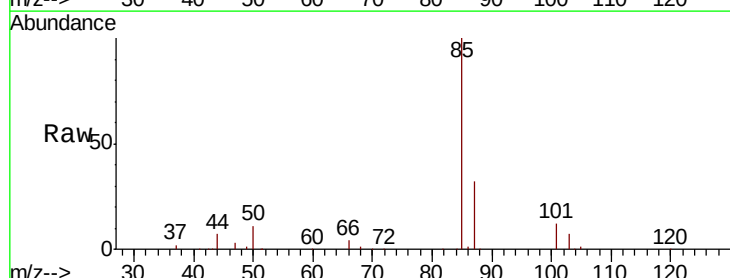
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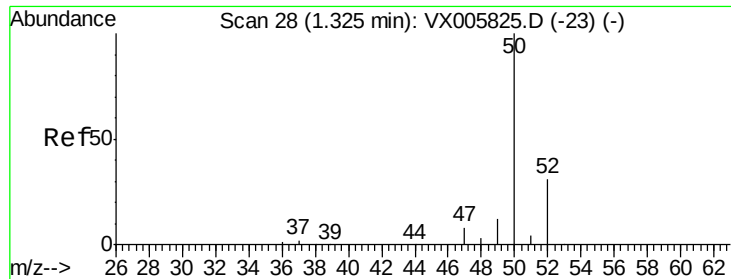
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#2
Dichlorodifluoromethane
Concen: 48.535 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Tgt Ion: 85 Resp: 44531
Ion Ratio Lower Upper
85 100
87 32.3 16.3 48.9





#3

Chloromethane

Concen: 45.469 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 54749

Ion Ratio Lower Upper

50 100

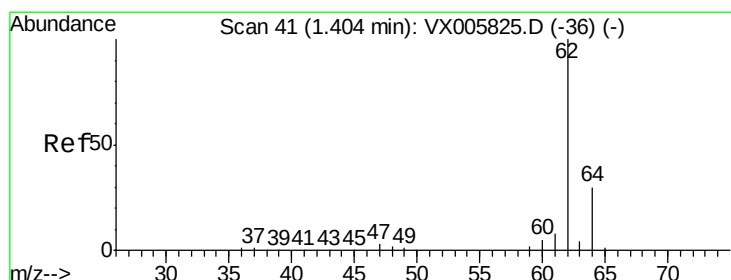
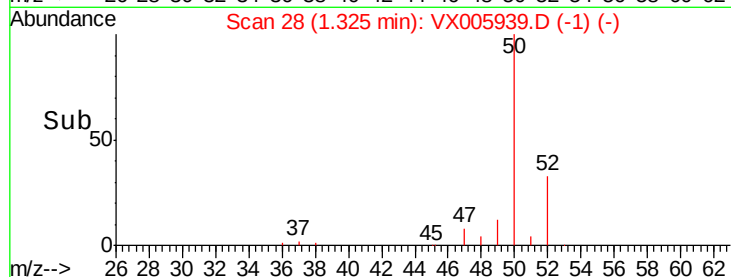
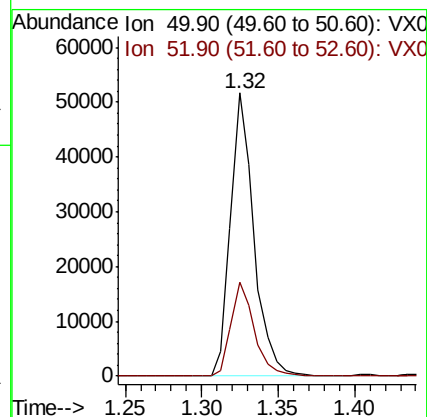
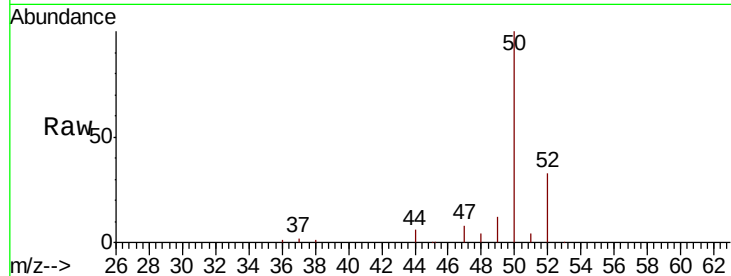
52 33.1 26.2 39.2

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#4

Vinyl Chloride

Concen: 49.509 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005939.D

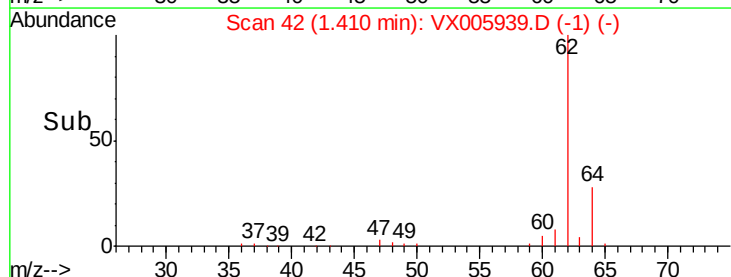
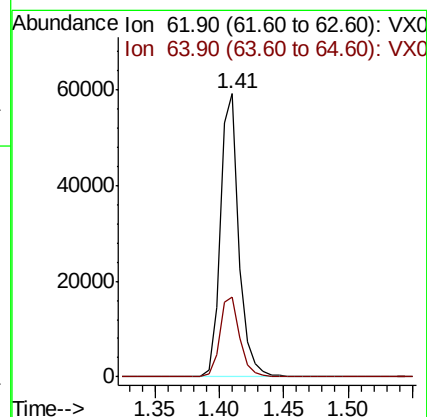
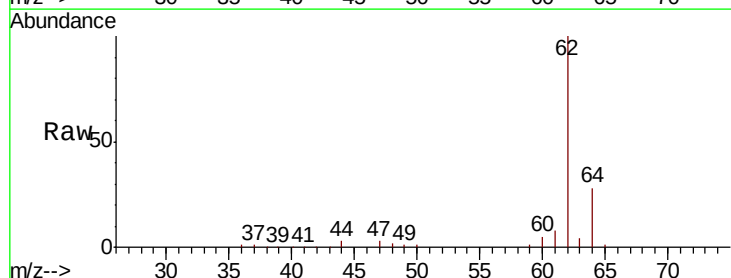
Acq: 13 Nov 2018 09:18

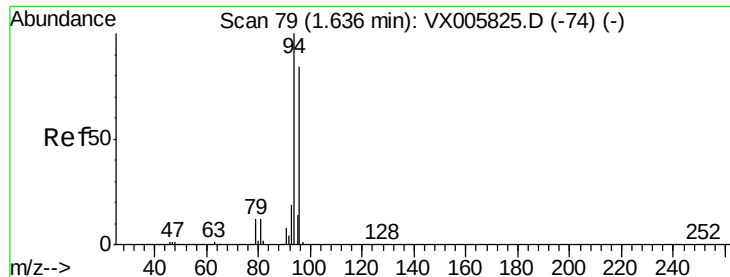
Tgt Ion: 62 Resp: 59846

Ion Ratio Lower Upper

62 100

64 28.3 25.3 37.9





#5

Bromomethane

Concen: 44.325 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 32789

Ion Ratio Lower Upper

94 100

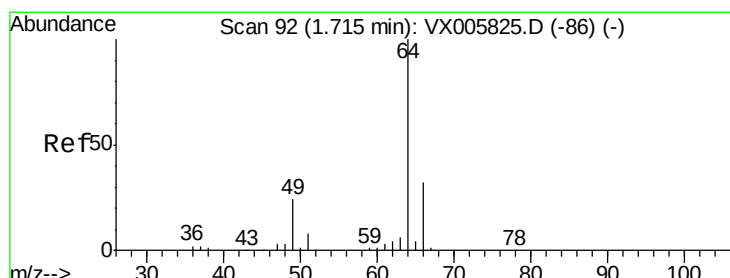
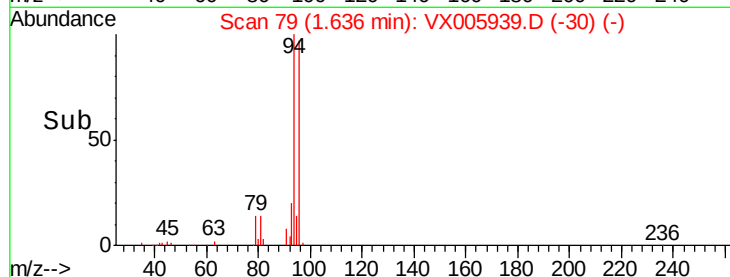
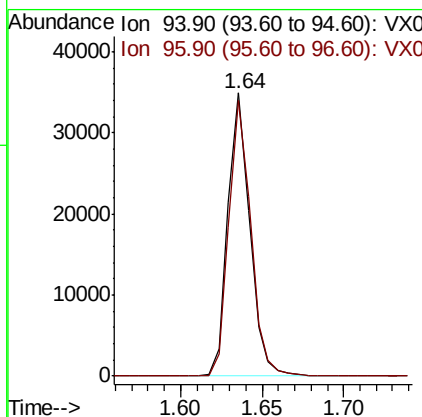
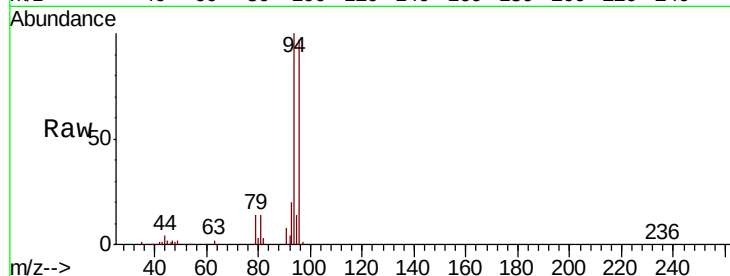
96 97.2 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 47.273 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX005939.D

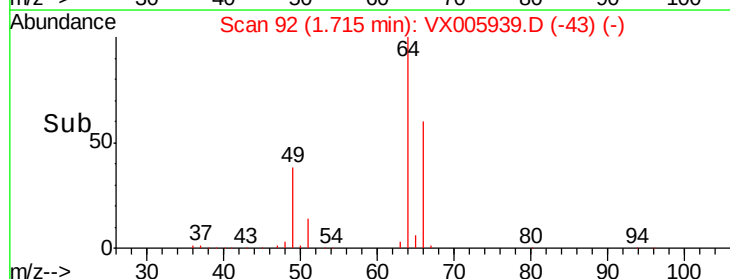
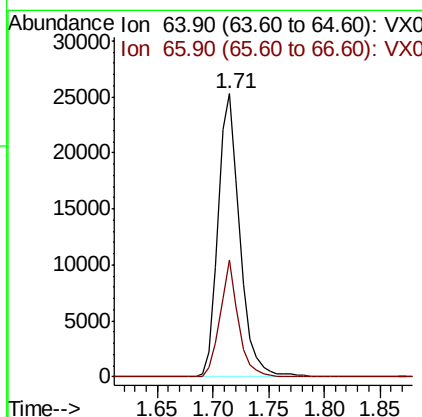
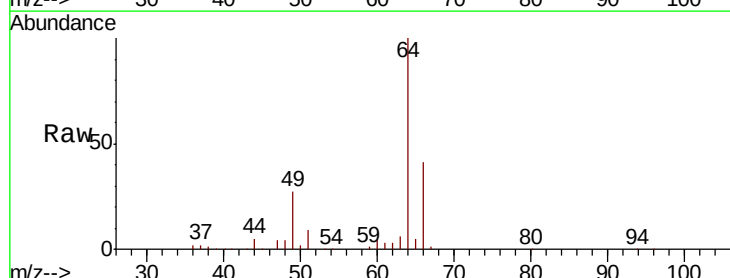
Acq: 13 Nov 2018 09:18

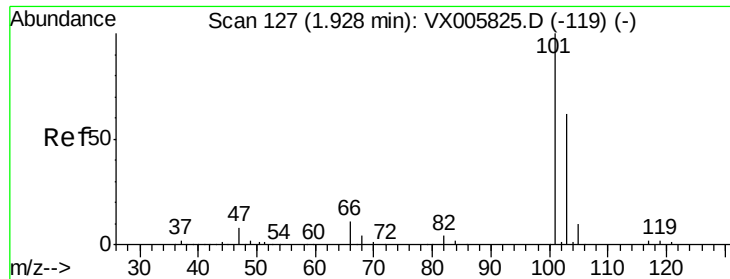
Tgt Ion: 64 Resp: 34096

Ion Ratio Lower Upper

64 100

66 41.2 25.8 38.6#





#7

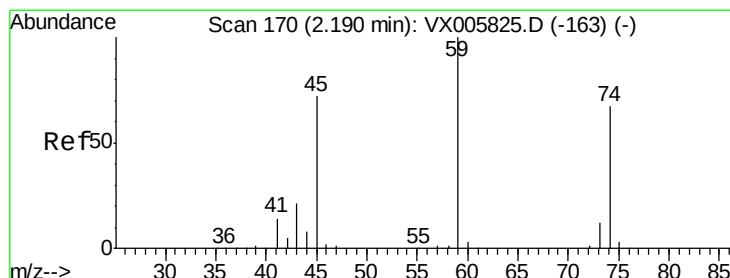
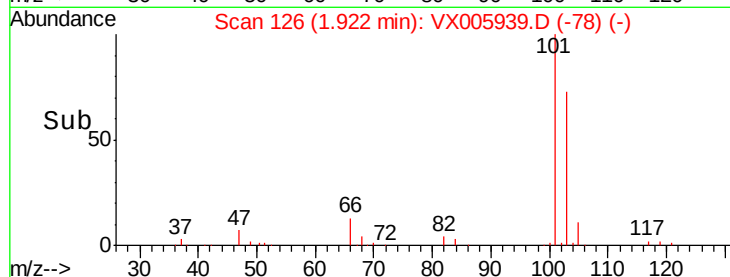
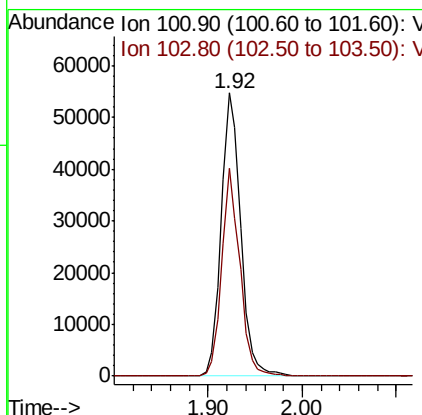
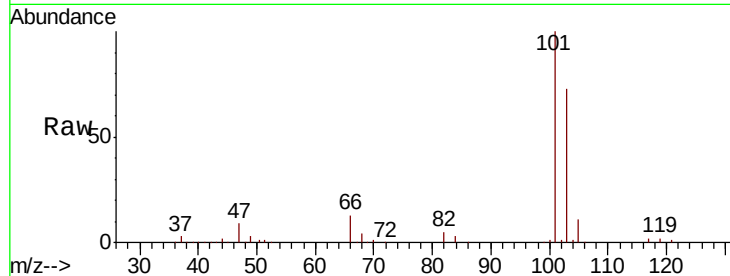
Trichlorofluoromethane
Concen: 49.147 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		78858		
103	73.3	50.0			75.0

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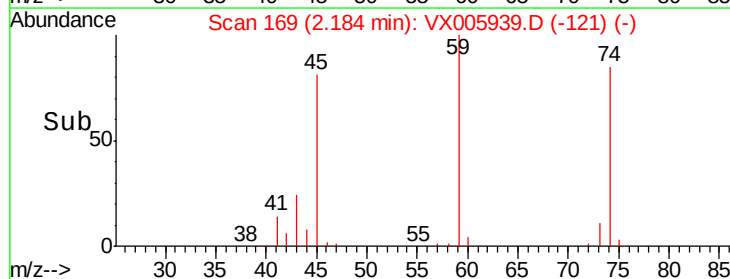
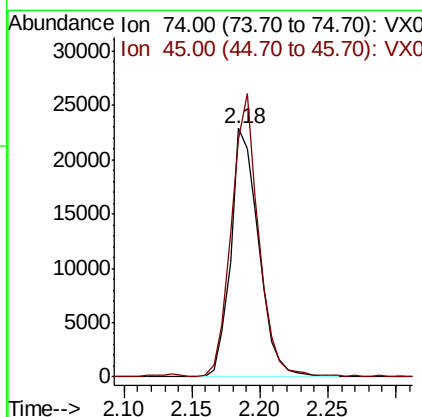
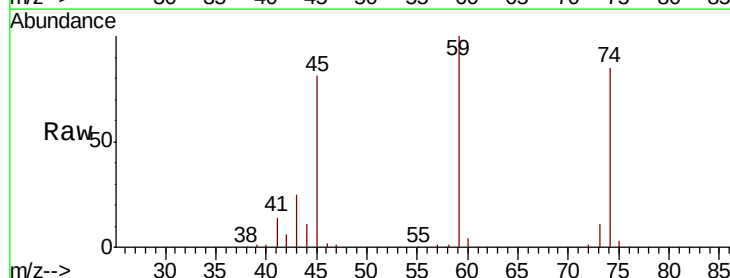
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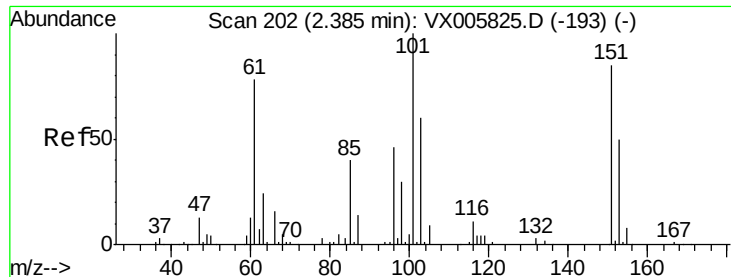


#8

Diethyl Ether
Concen: 51.972 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		32676		
45	110.0	54.1			162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.166 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

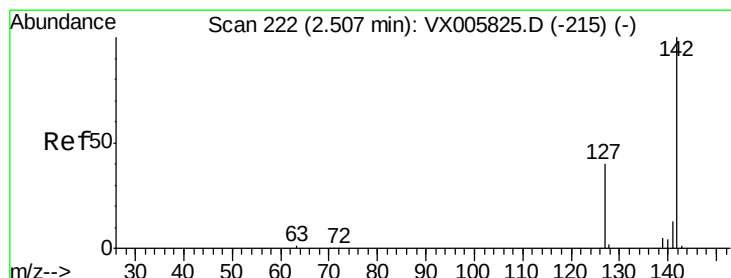
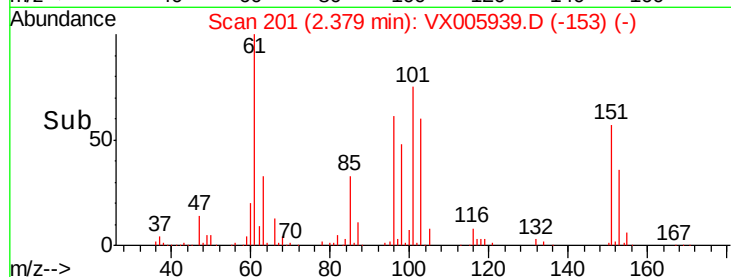
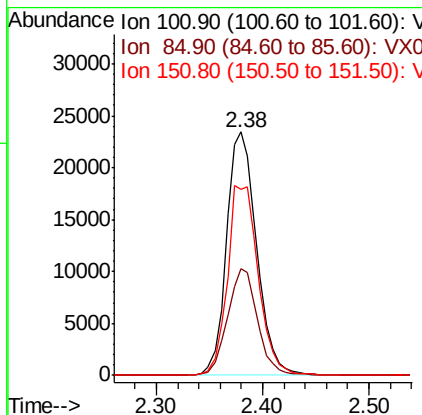
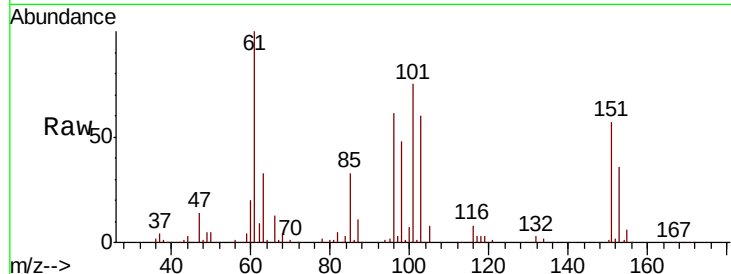
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	46294
Ion Ratio	Lower	Upper	
101	100		
85	43.7	35.0	52.4
151	80.6	66.2	99.2

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#10

Methyl Iodide

Concen: 50.987 ug/l

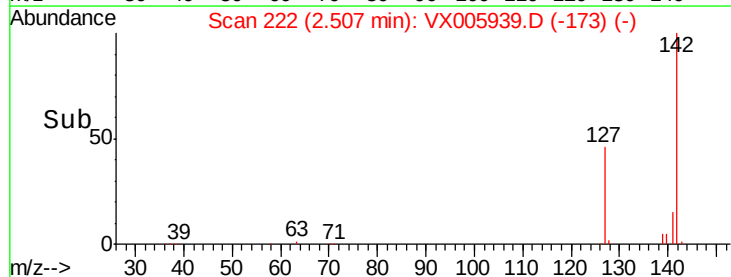
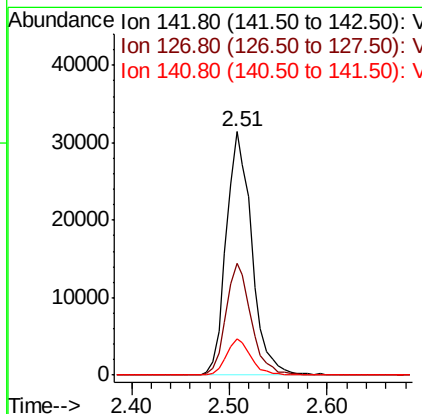
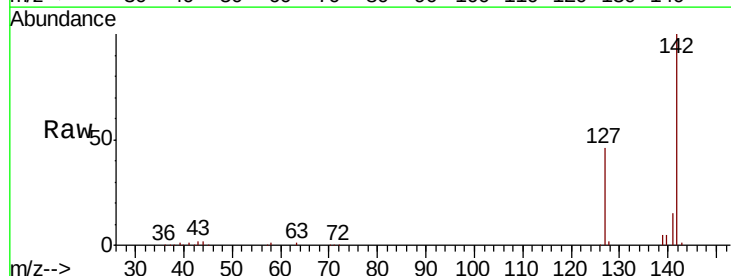
RT: 2.51 min Scan# 222

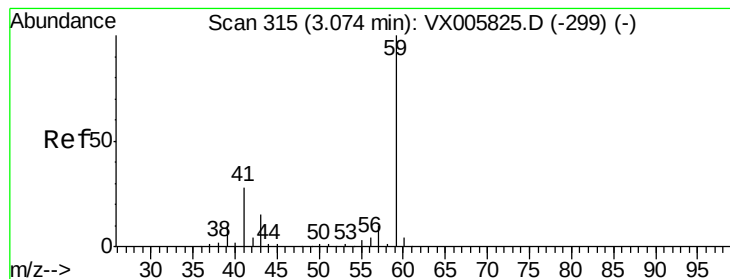
Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Tgt Ion:	142	Resp:	57026
Ion Ratio	Lower	Upper	
142	100		
127	45.2	36.0	54.0
141	14.2	11.7	17.5





#11

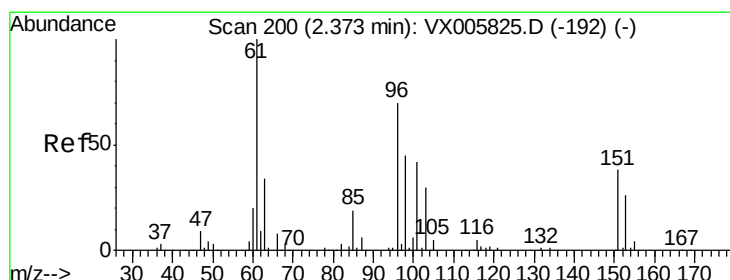
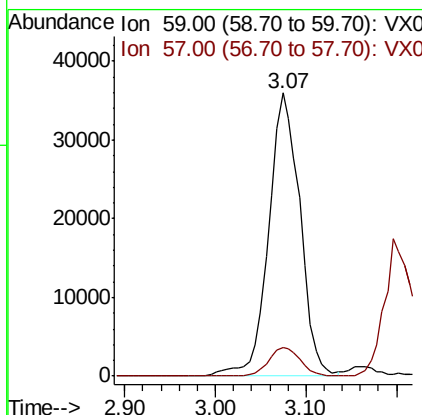
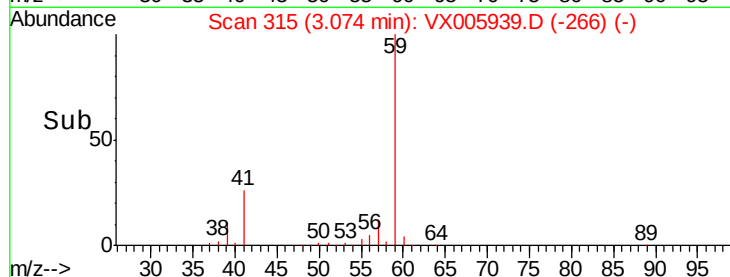
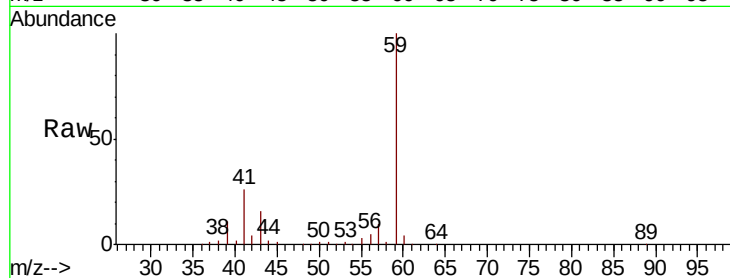
Tert butyl alcohol
Concen: 257.624 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.5	12.7

Manual Integrations
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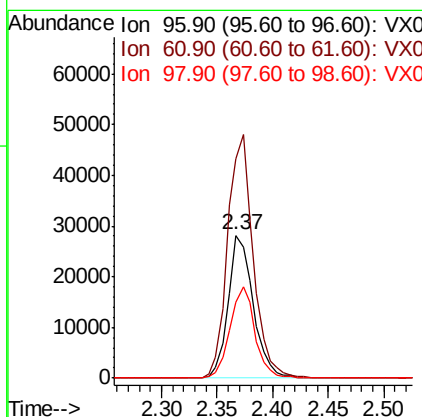
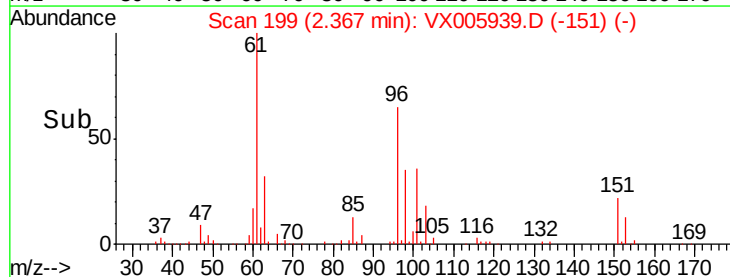
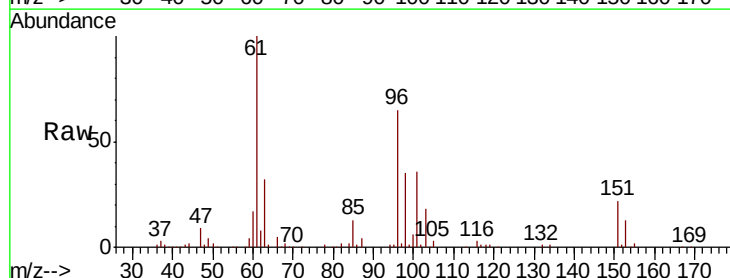
MMDadoda
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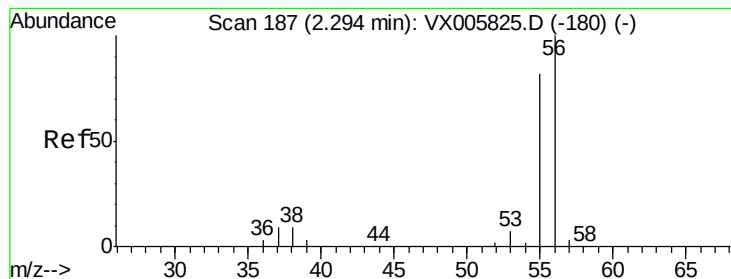


#12

1,1-Dichloroethene
Concen: 48.766 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.2	131.8	197.8
98	53.6	53.4	80.2





#13

Acrolein

Concen: 351.556 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 57524

Ion Ratio Lower Upper

56 100

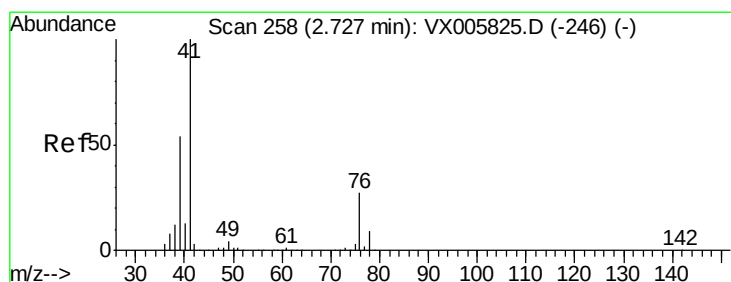
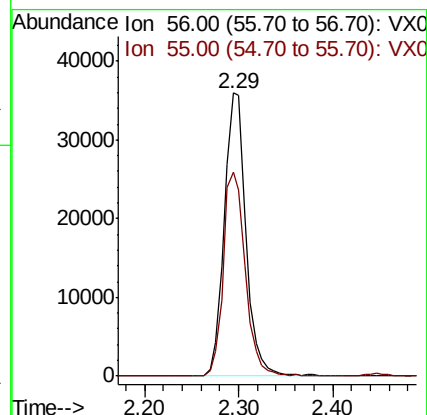
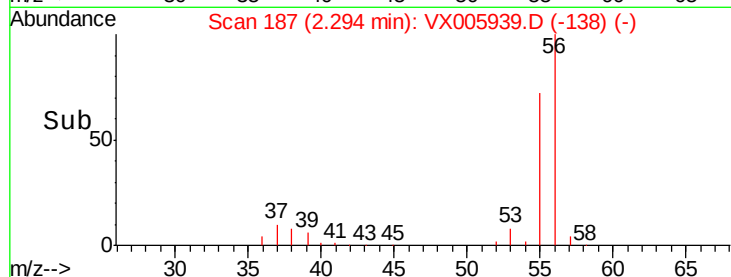
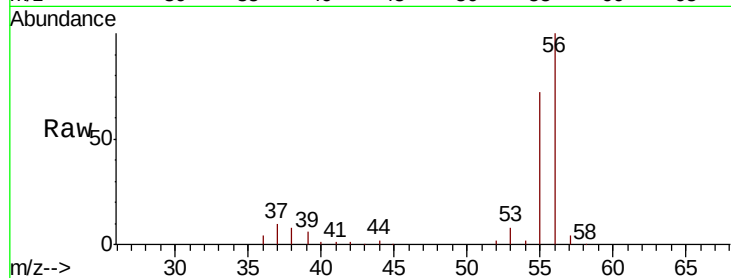
55 73.0 57.3 85.9

Manual Integrations

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#14

Allyl chloride

Concen: 48.324 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

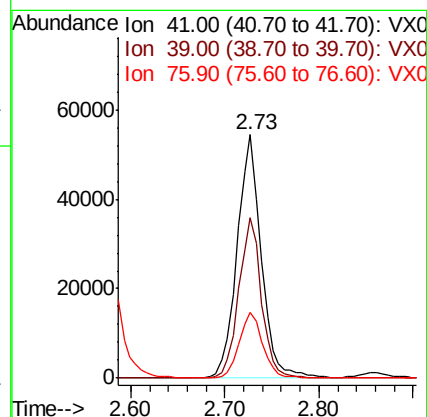
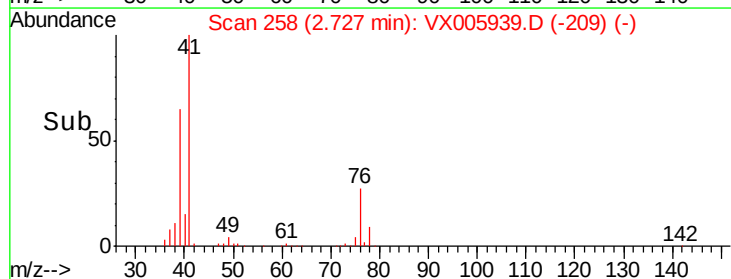
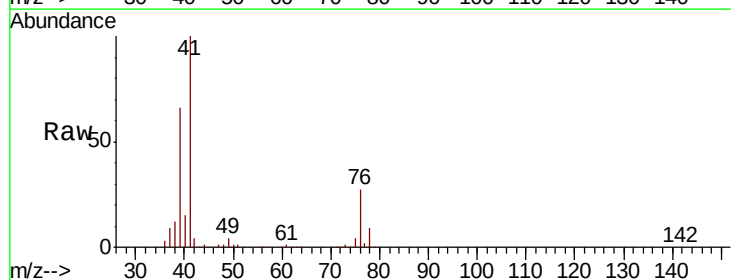
Tgt Ion: 41 Resp: 97076

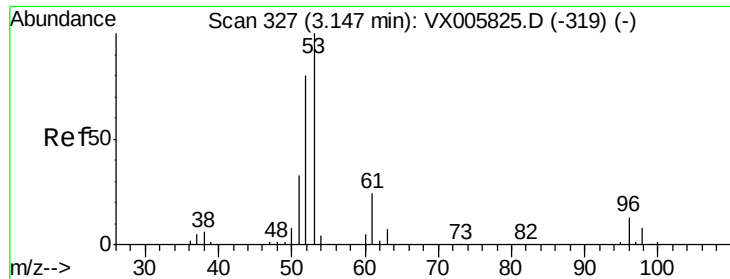
Ion Ratio Lower Upper

41 100

39 61.9 48.2 72.4

76 26.6 21.9 32.9





#15

Acrylonitrile

Concen: 272.173 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

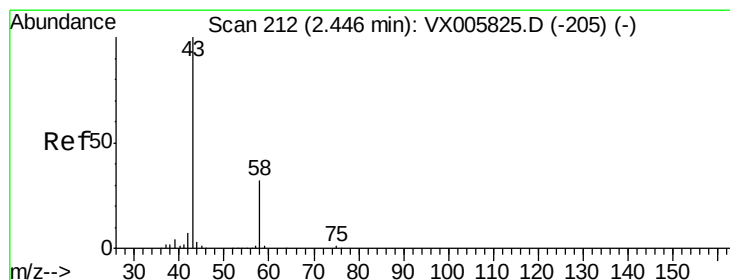
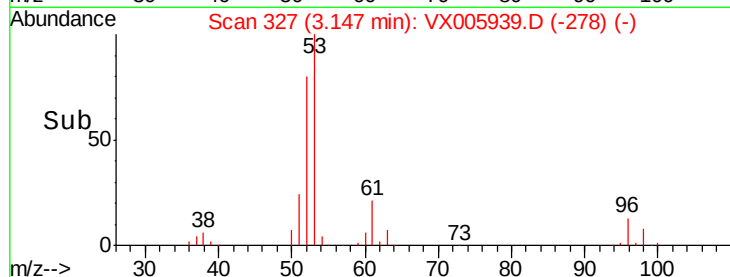
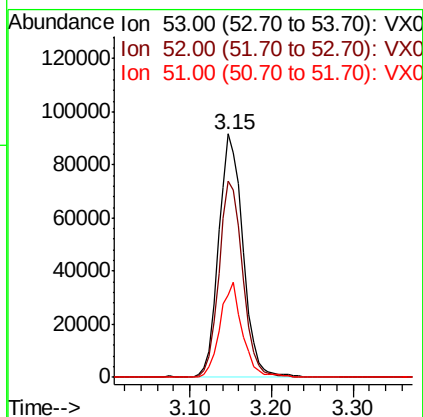
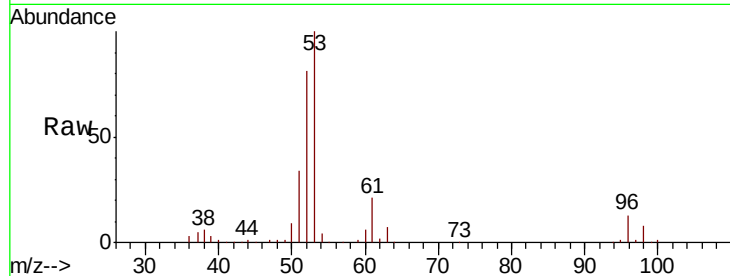
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	189030
Ion Ratio	Lower	Upper	
53	100		
52	79.0	66.6	99.8
51	36.4	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 272.750 ug/l

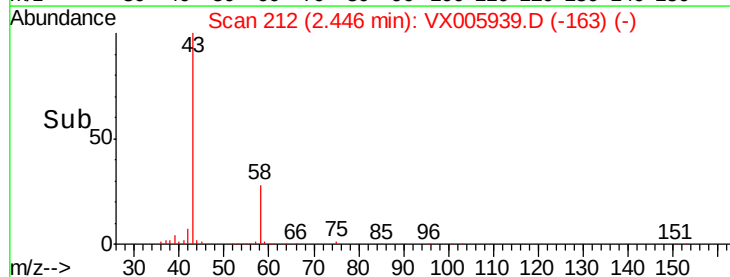
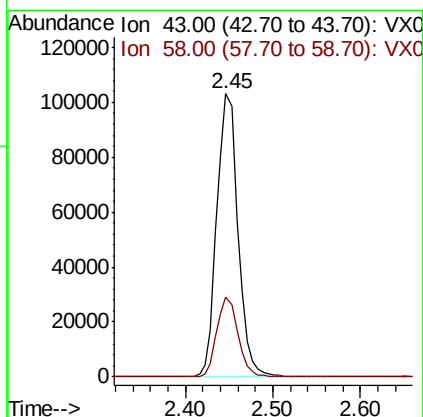
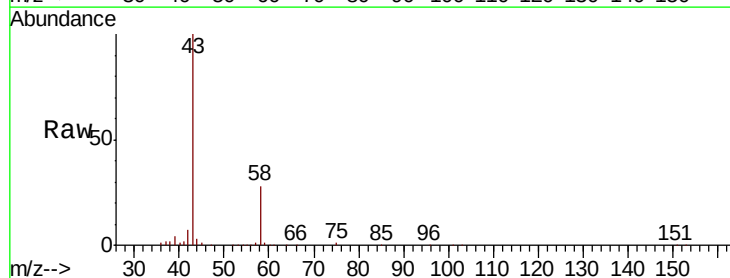
RT: 2.45 min Scan# 212

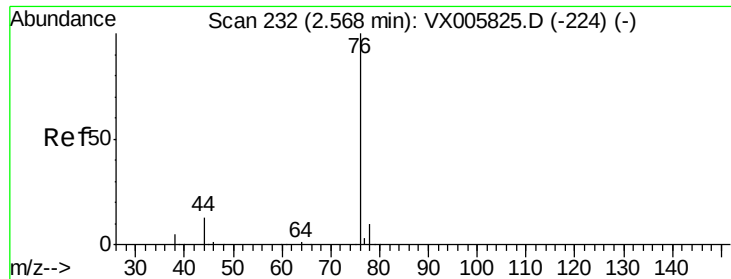
Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Tgt Ion:	43	Resp:	171804
Ion Ratio	Lower	Upper	
43	100		
58	28.1	23.8	35.6





#17

Carbon Disulfide

Concen: 45.928 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 123222

Ion Ratio Lower Upper

76 100

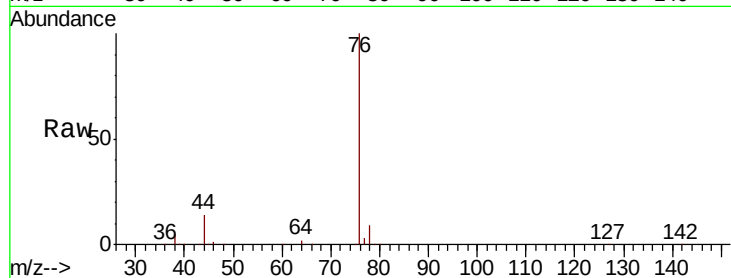
78 9.2 7.3 10.9

Manual Integrations

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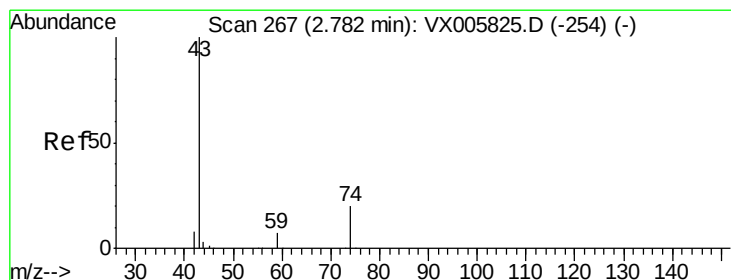
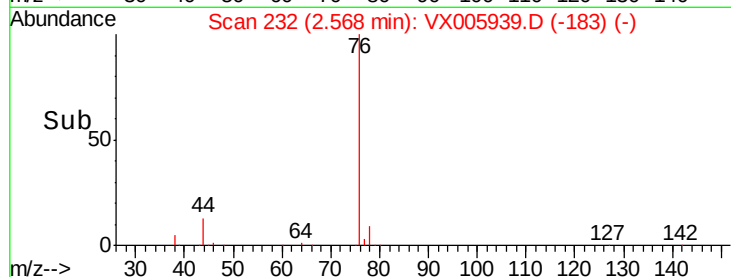
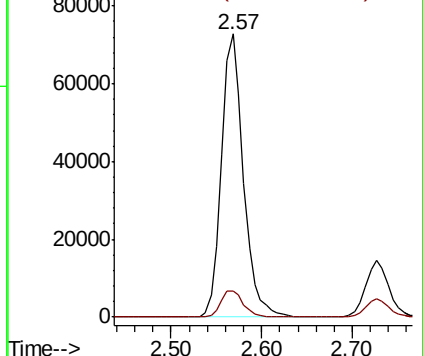
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 58.073 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005939.D

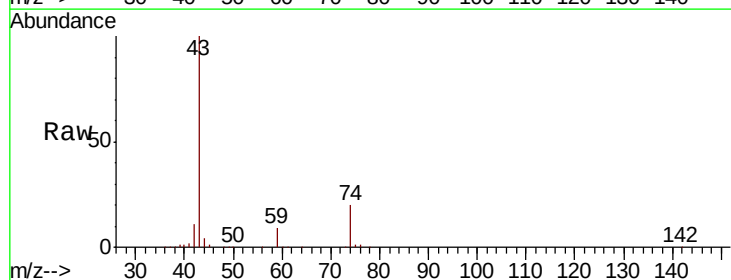
Acq: 13 Nov 2018 09:18

Tgt Ion: 43 Resp: 97625

Ion Ratio Lower Upper

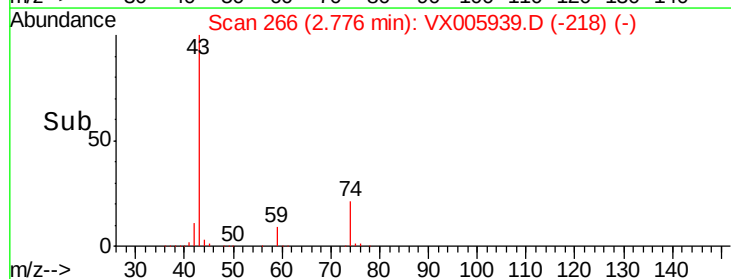
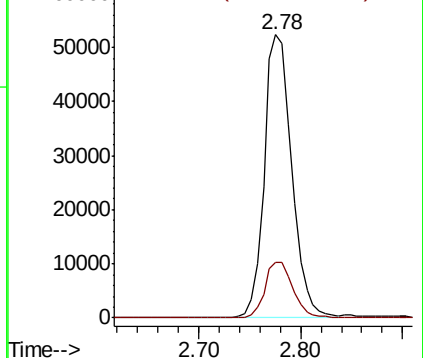
43 100

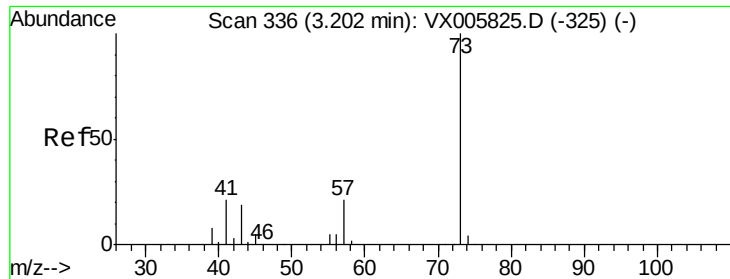
74 19.8 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





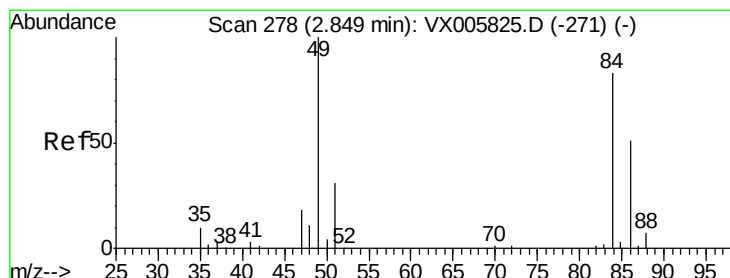
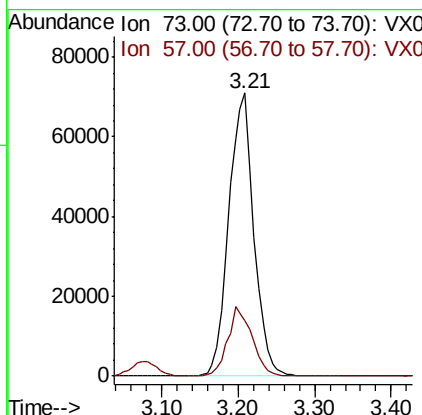
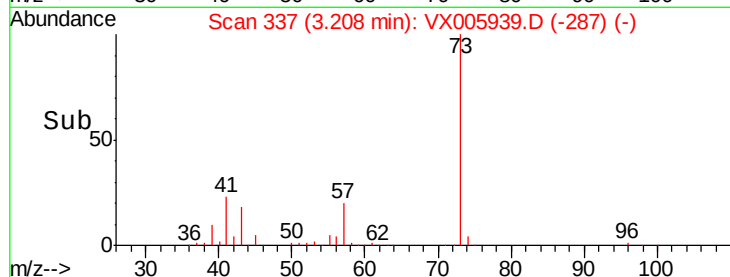
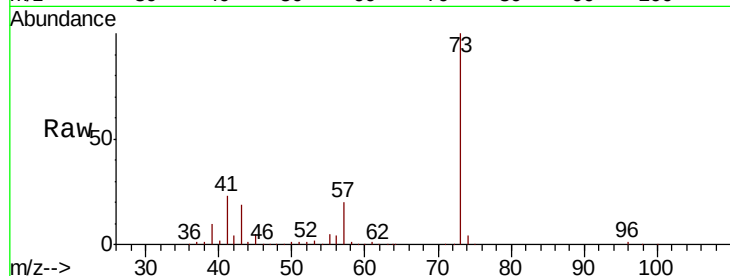
#19
Methyl tert-butyl Ether
Concen: 52.175 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 160172
Ion Ratio Lower Upper
73 100
57 19.9 18.8 28.2

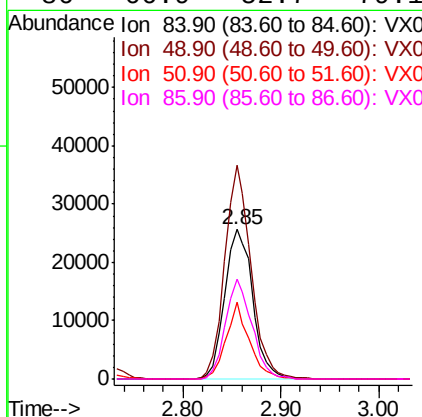
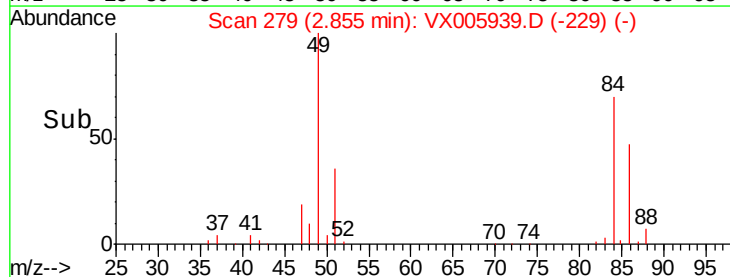
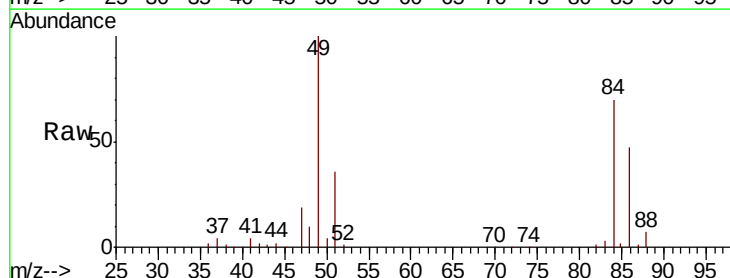
Manual Integrations
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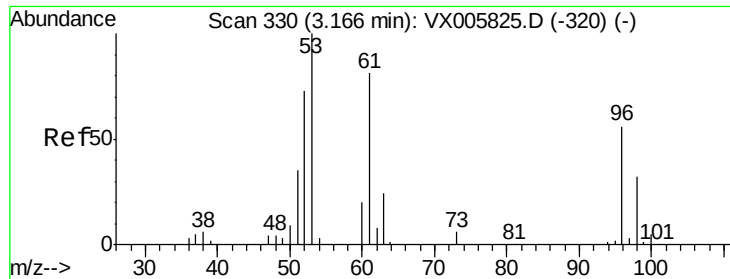
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#20
Methylene Chloride
Concen: 49.236 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Tgt Ion: 84 Resp: 50945
Ion Ratio Lower Upper
84 100
49 142.8 109.5 164.3
51 51.4 33.3 49.9#
86 66.9 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 50.386 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 47802

Ion Ratio Lower Upper

96 100

61 155.4 115.6 173.4

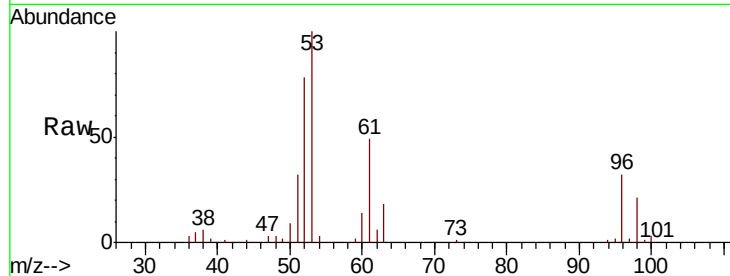
98 66.5 50.2 75.2

Manual Integrations

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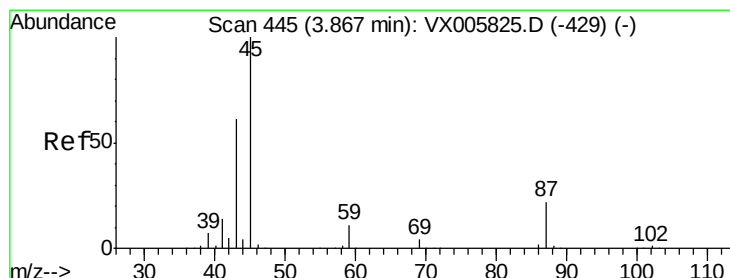
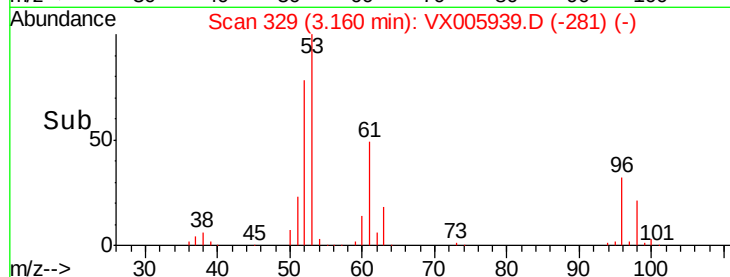
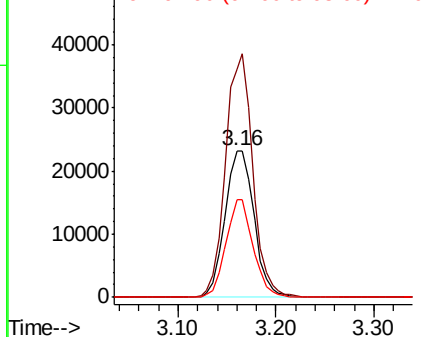


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.935 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Tgt Ion: 45 Resp: 172207

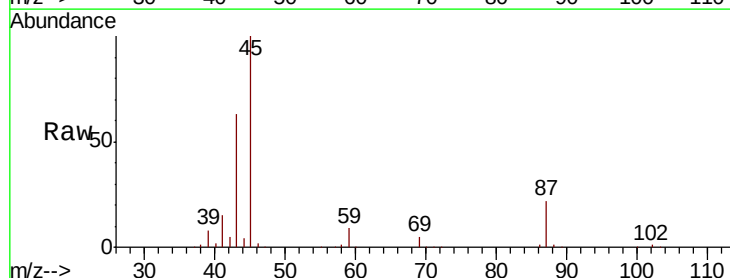
Ion Ratio Lower Upper

45 100

43 62.1 47.4 71.2

87 21.6 15.9 23.9

59 8.9 7.7 11.5



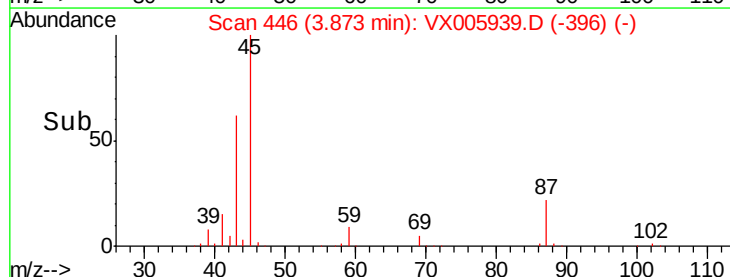
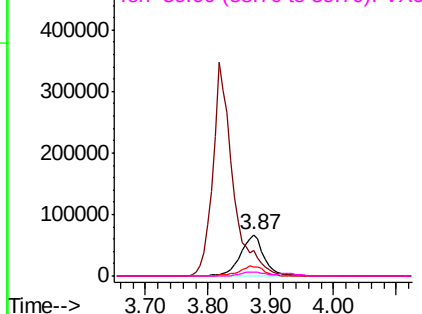
Abundance

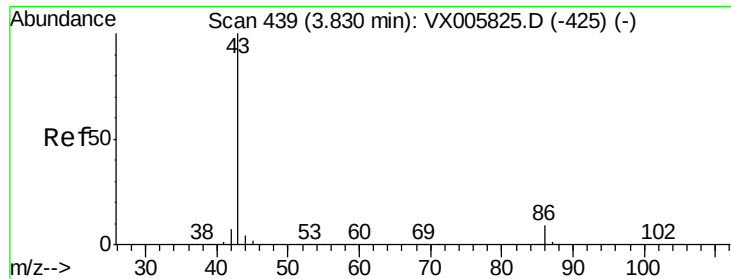
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 255.963 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 772321

Ion Ratio Lower Upper

43 100

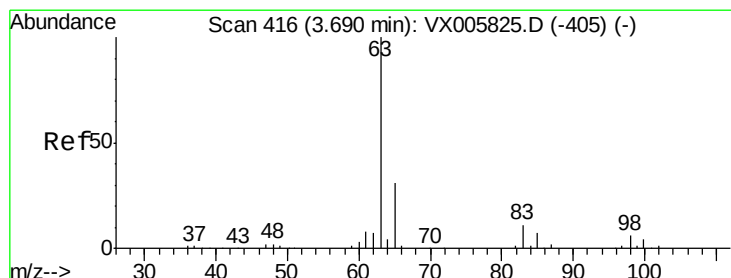
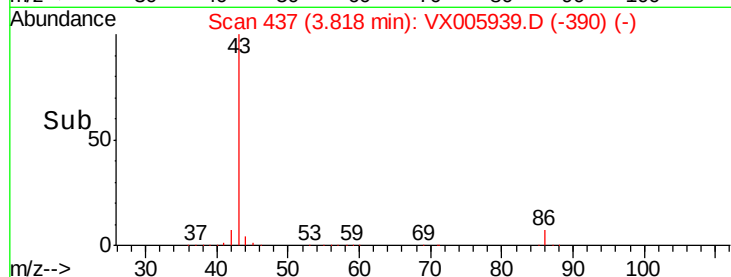
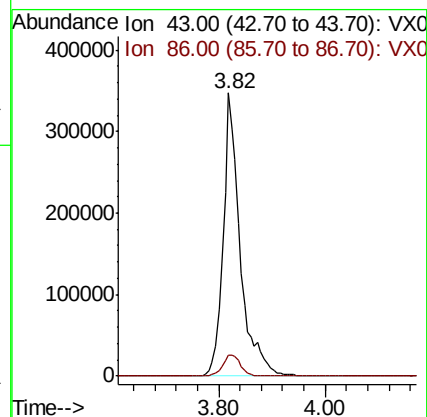
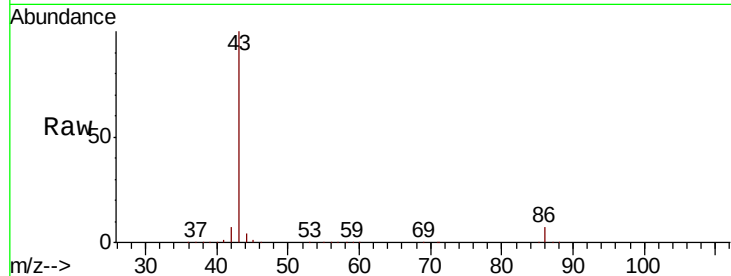
86 7.3 7.4 11.2#

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#24

1,1-Dichloroethane

Concen: 50.751 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

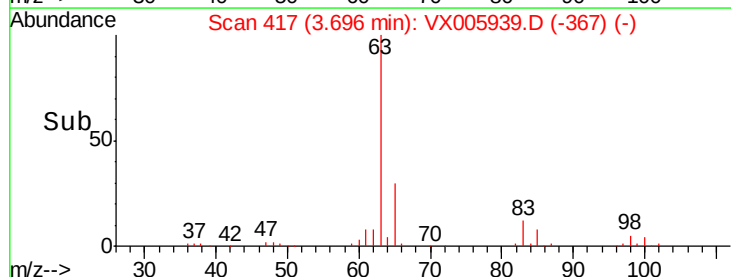
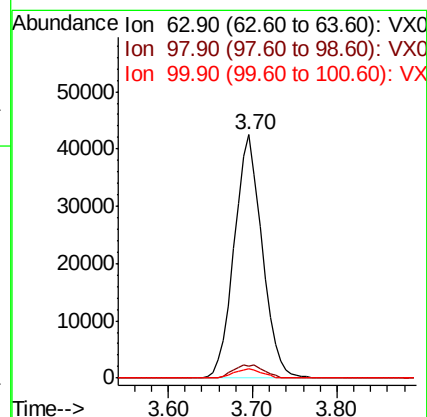
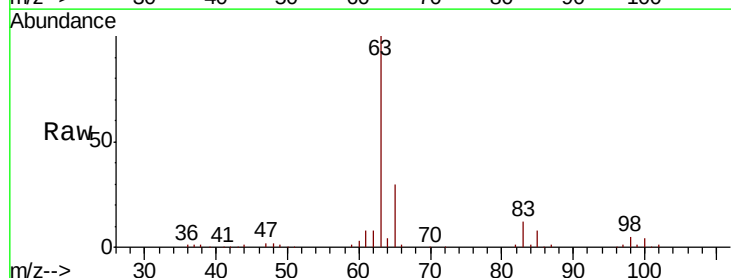
Tgt Ion: 63 Resp: 95285

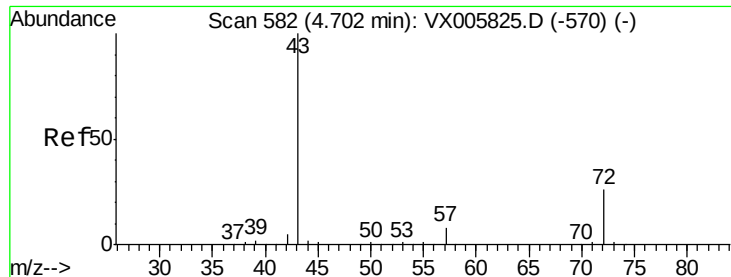
Ion Ratio Lower Upper

63 100

98 5.1 3.2 9.6

100 3.8 2.1 6.2





#25

2-Butanone

Concen: 257.488 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 254990

Ion Ratio Lower Upper

43 100

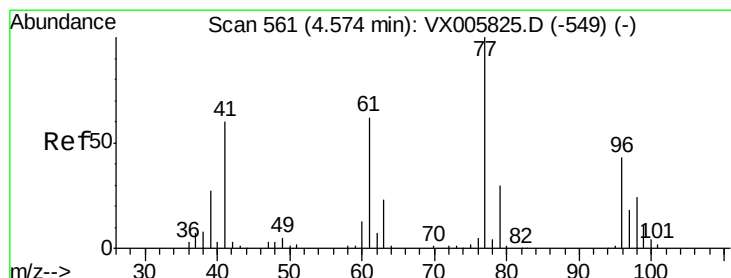
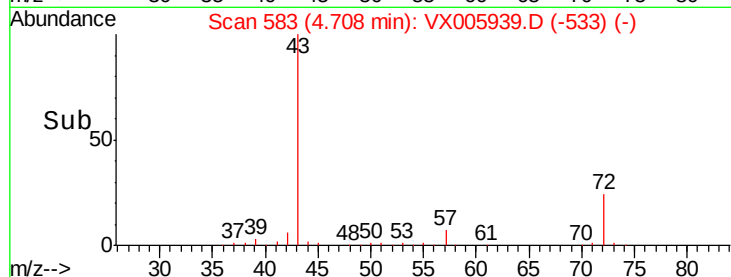
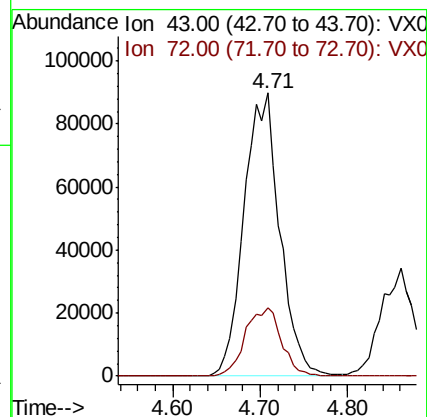
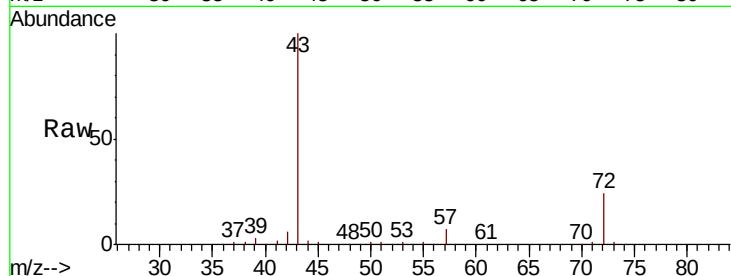
72 24.3 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 34.701 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005939.D

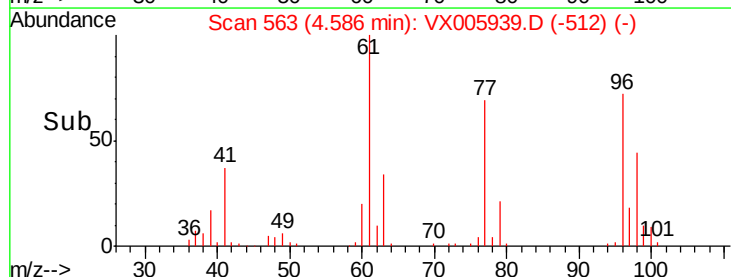
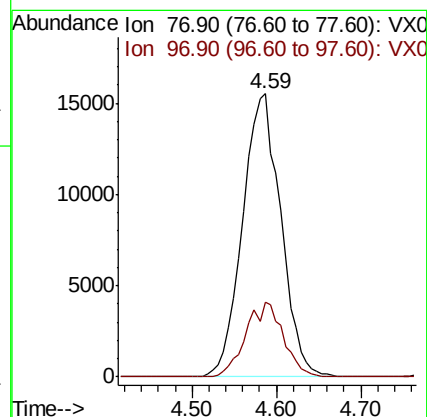
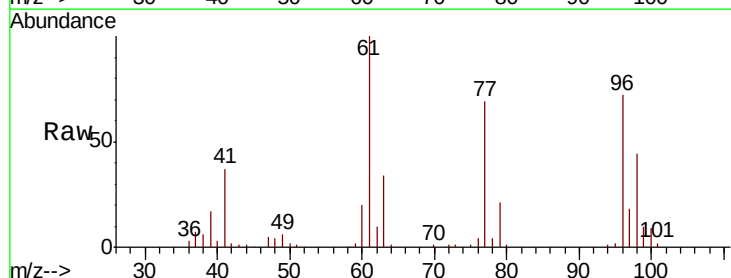
Acq: 13 Nov 2018 09:18

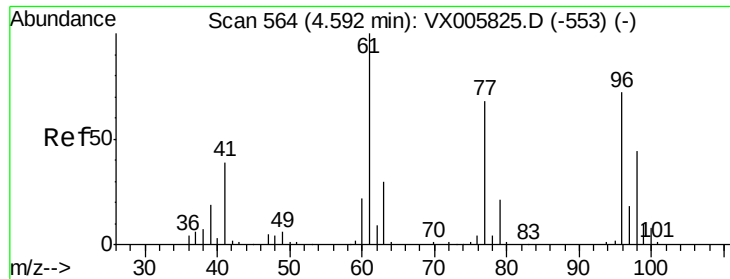
Tgt Ion: 77 Resp: 47792

Ion Ratio Lower Upper

77 100

97 25.7 11.5 34.5





#27

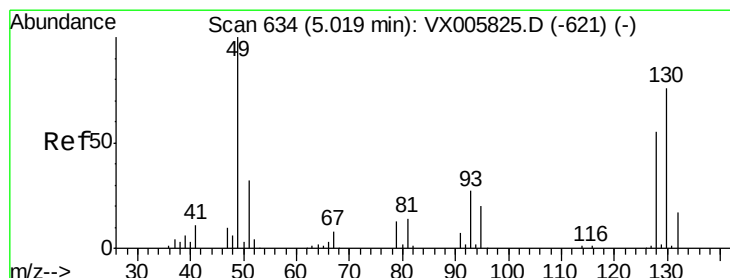
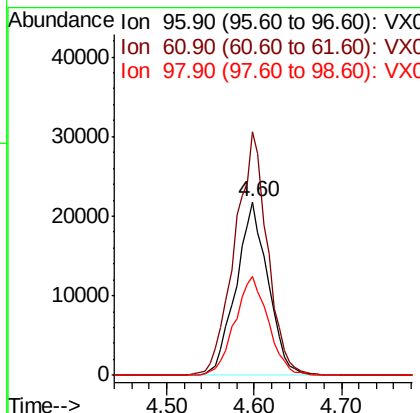
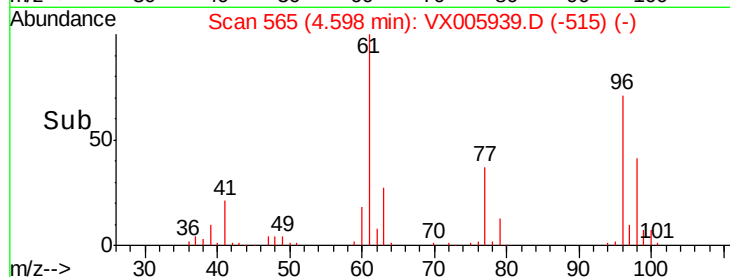
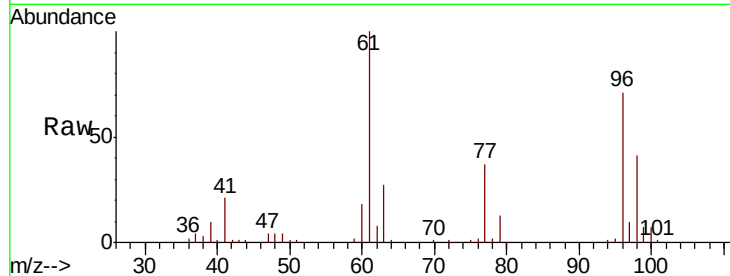
cis-1,2-Dichloroethene
Concen: 52.802 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.0	0.0	304.6
98	59.5	0.0	127.4

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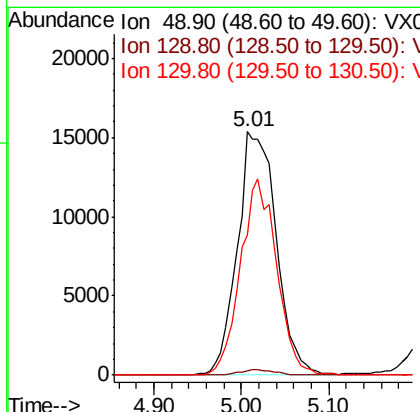
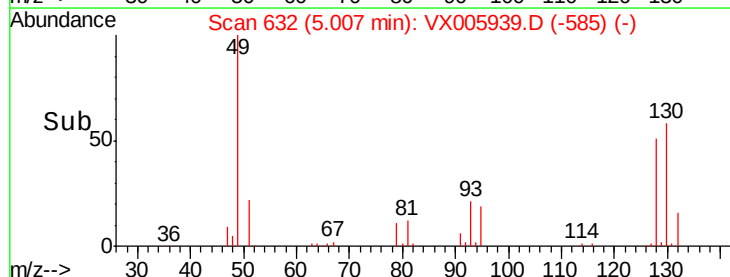
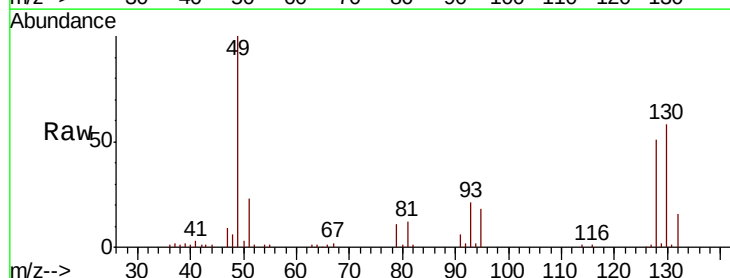
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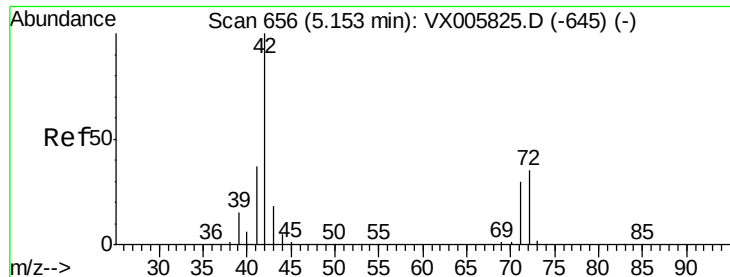


#28

Bromochloromethane
Concen: 56.750 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	74.9	58.9	88.3





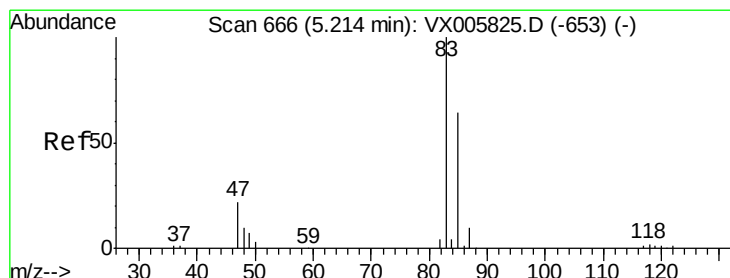
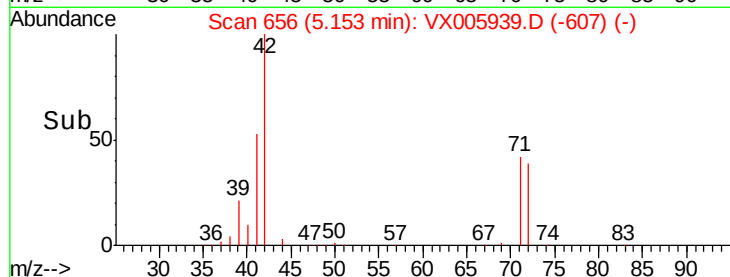
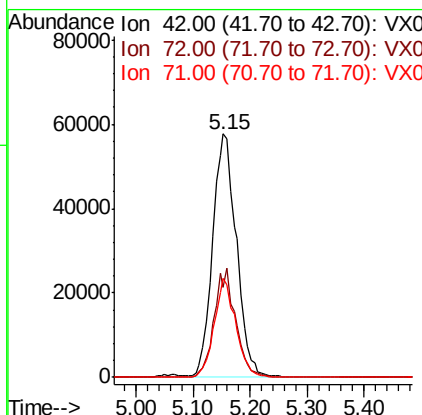
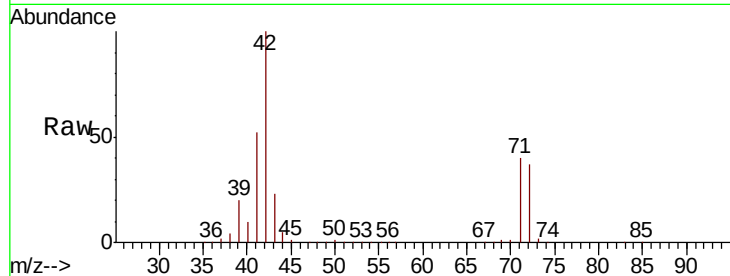
#29
Tetrahydrofuran
Concen: 262.543 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.5	32.0	48.0
71	37.1	29.8	44.8

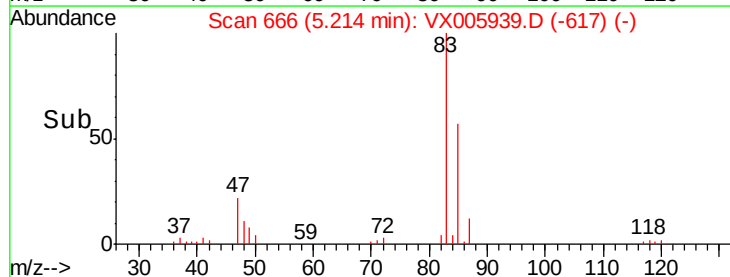
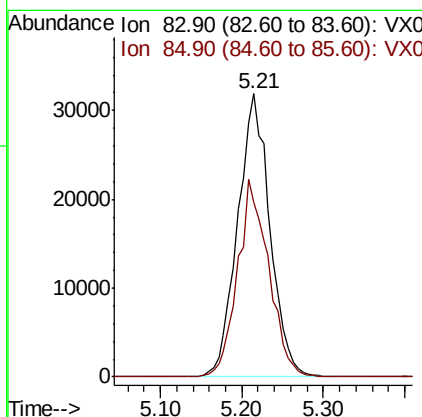
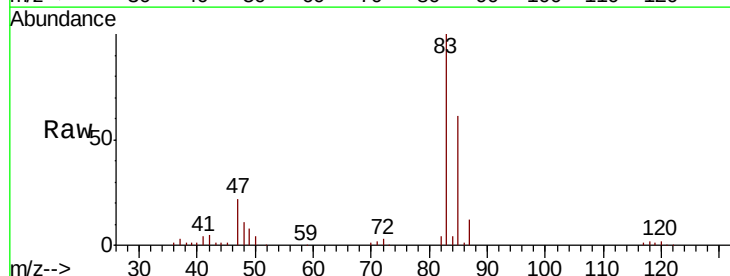
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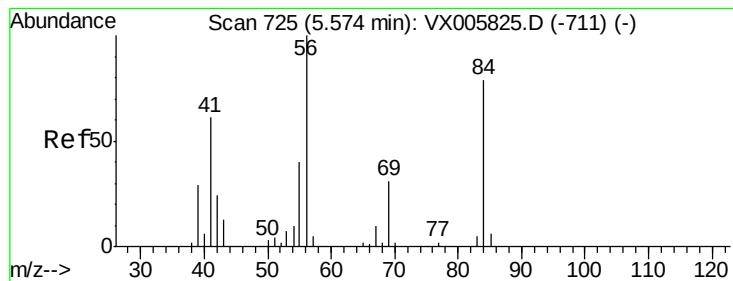
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#30
Chloroform
Concen: 48.321 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.5	50.6	76.0





#31

Cyclohexane

Concen: 48.873 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

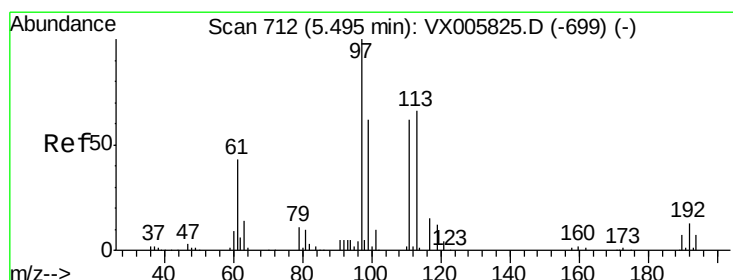
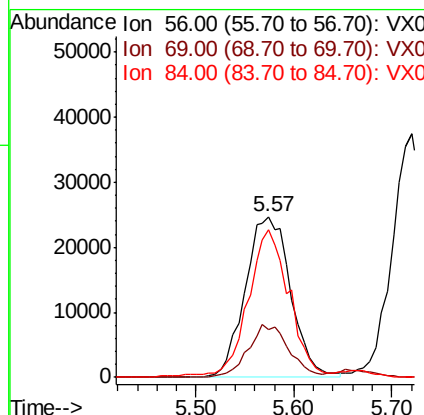
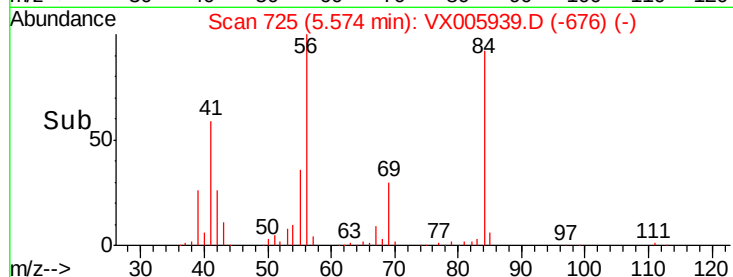
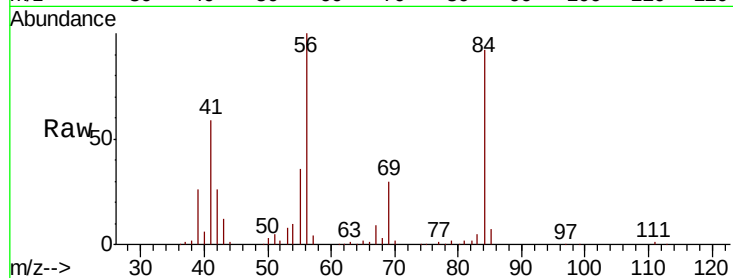
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	79651
Ion Ratio	Lower	Upper	
56	100		
69	30.0	22.6	34.0
84	90.6	62.7	94.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 51.717 ug/l

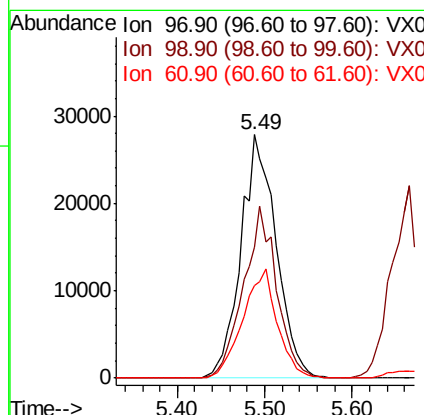
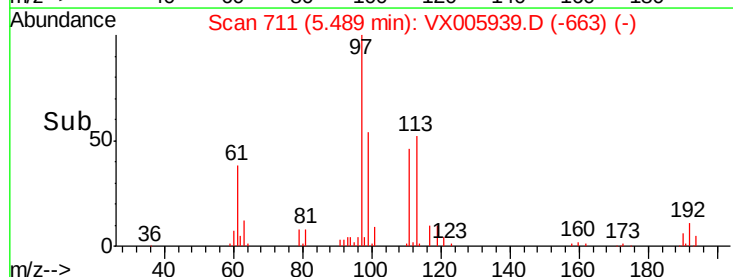
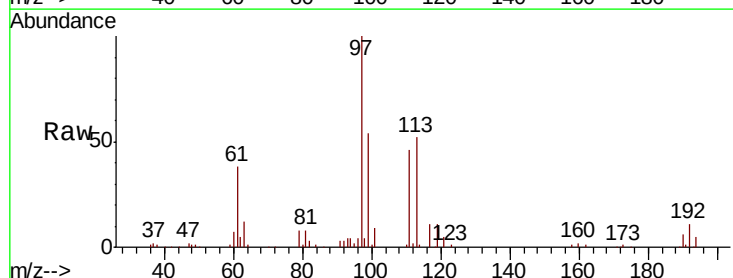
RT: 5.49 min Scan# 711

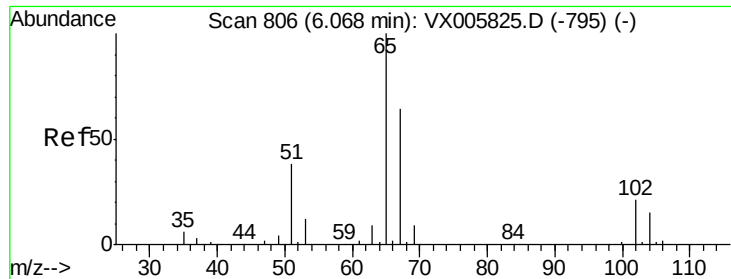
Delta R.T. -0.01 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Tgt Ion:	97	Resp:	78137
Ion Ratio	Lower	Upper	
97	100		
99	66.3	52.3	78.5
61	44.1	35.2	52.8





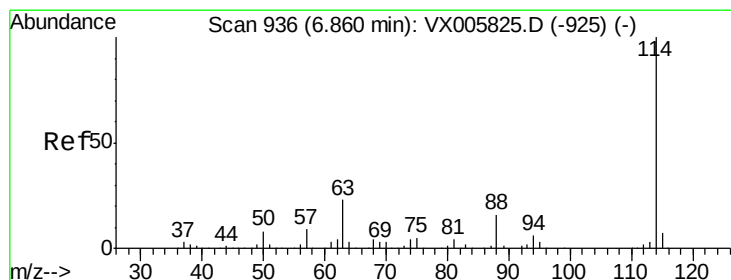
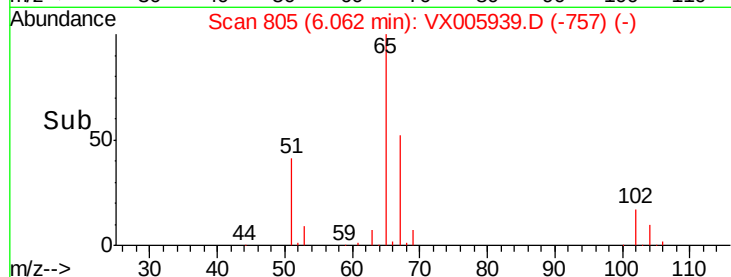
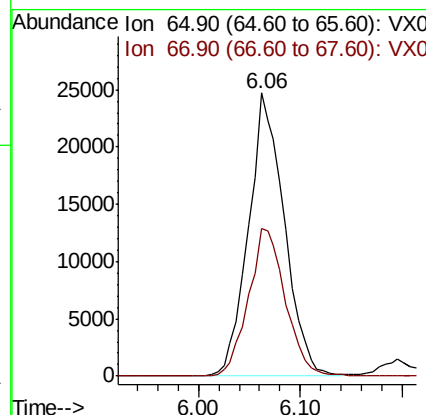
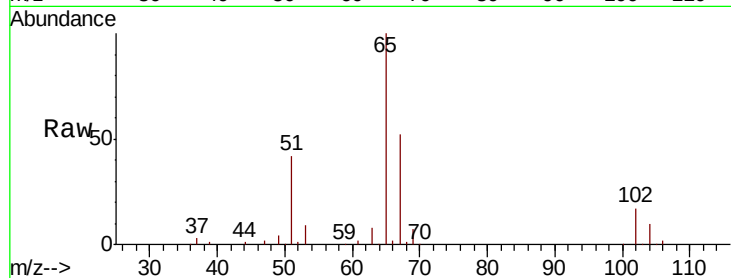
#33
 1,2-Dichloroethane-d4
 Concen: 51.555 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 65 Resp: 60313
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.0

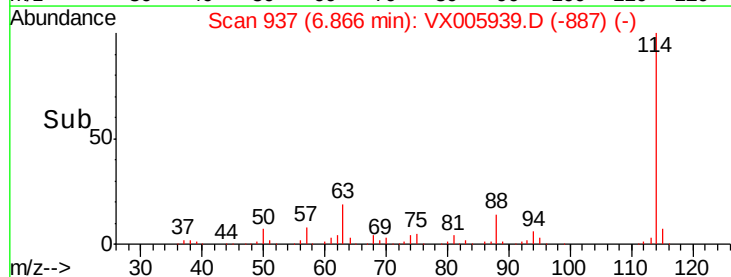
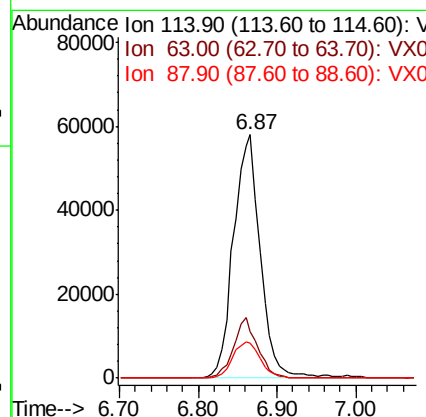
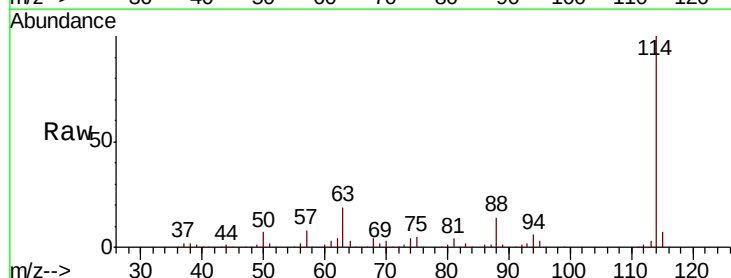
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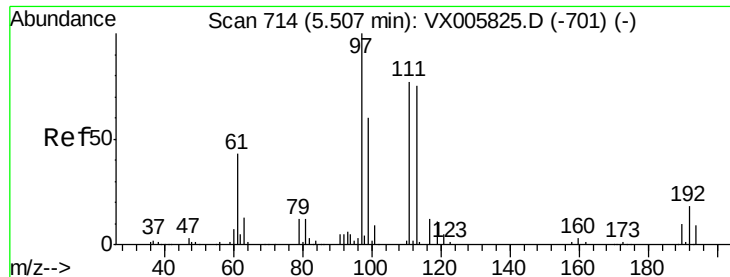
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Tgt Ion: 114 Resp: 137195
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 42.8
 88 14.2 0.0 31.2





#35

Dibromofluoromethane

Concen: 52.107 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

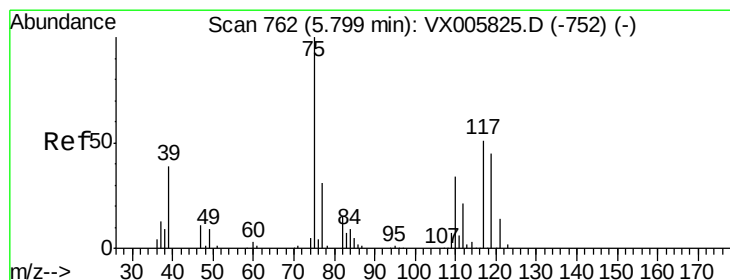
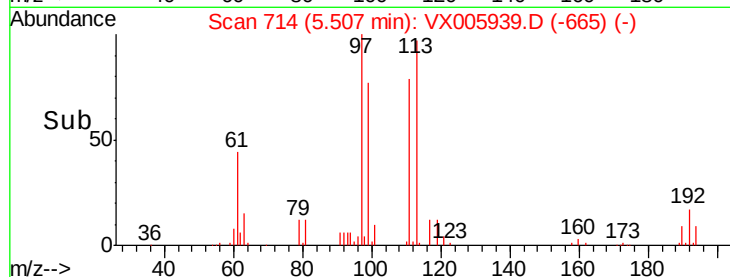
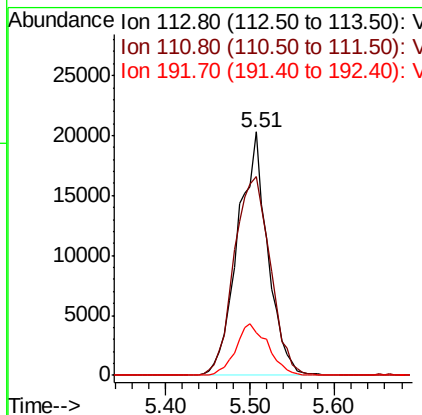
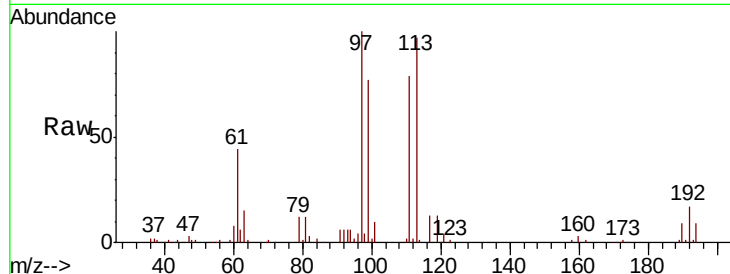
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	48623
Ion	Ratio	Lower	Upper
113	100		
111	99.1	82.3	123.5
192	23.0	17.9	26.9

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#36

1,1-Dichloropropene

Concen: 52.036 ug/l

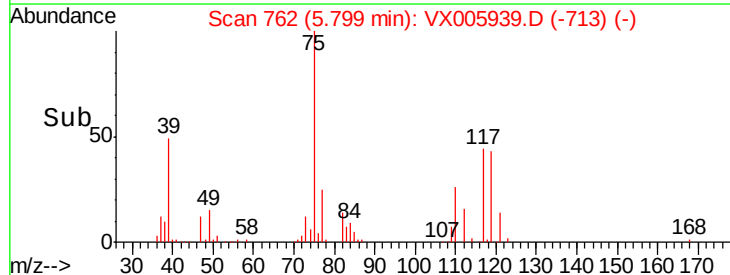
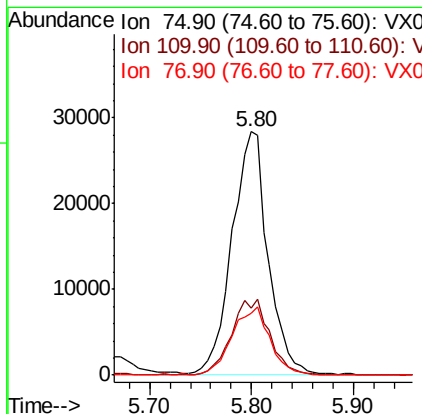
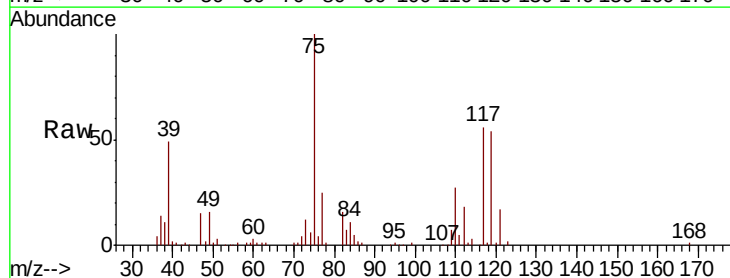
RT: 5.80 min Scan# 762

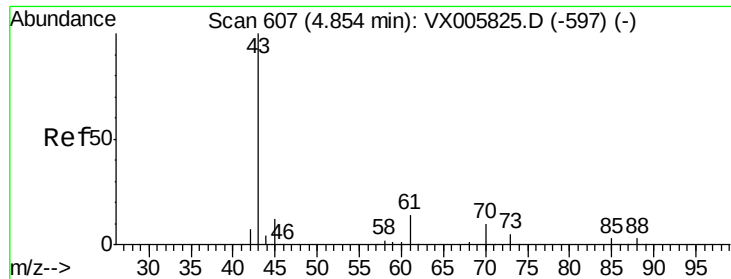
Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Tgt Ion:	75	Resp:	68823
Ion	Ratio	Lower	Upper
75	100		
110	33.5	17.4	52.2
77	30.0	25.8	38.6





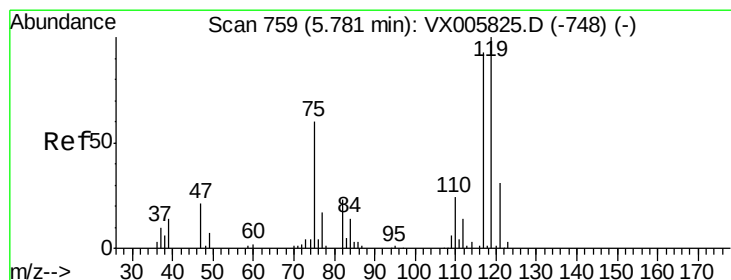
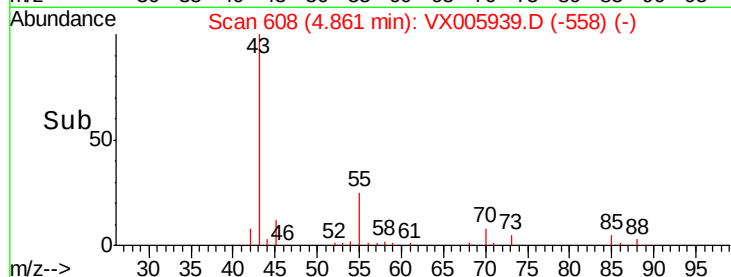
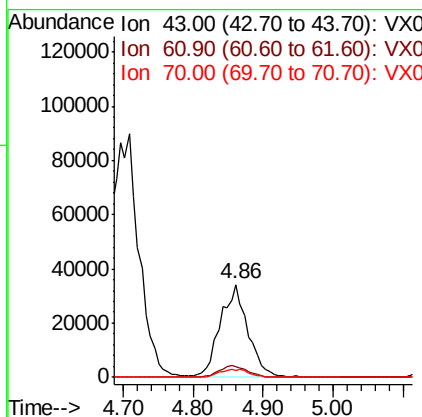
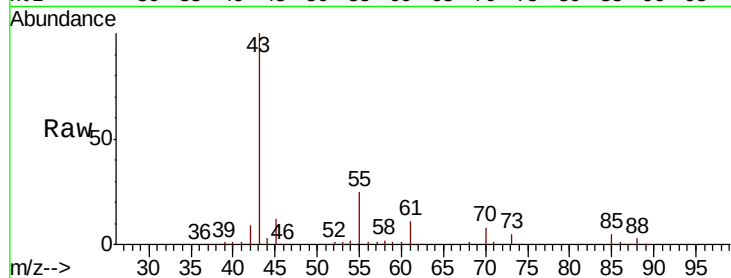
#37
Ethyl Acetate
Concen: 53.760 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.8	16.2
70	9.5	7.8	11.8

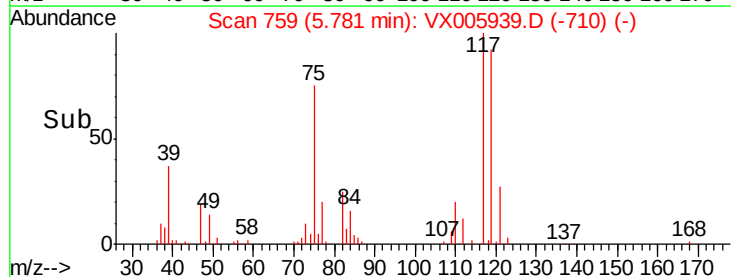
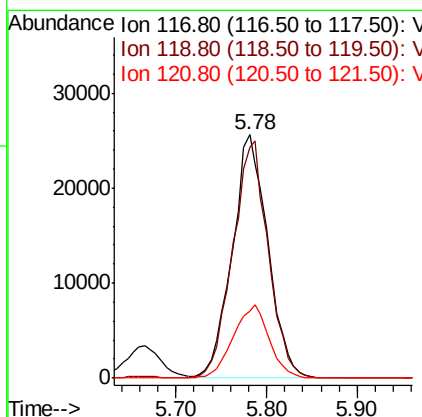
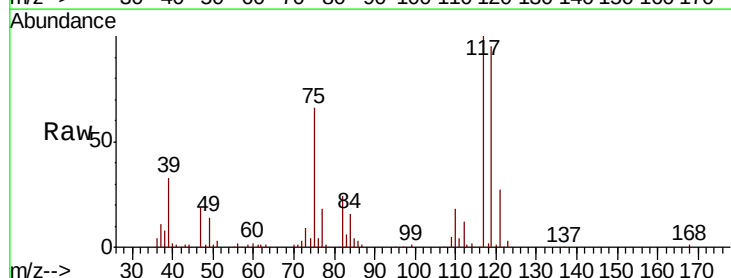
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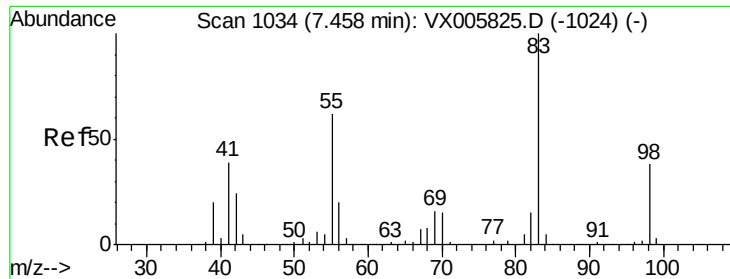
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#38
Carbon Tetrachloride
Concen: 52.843 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	78.1	117.1
121	27.3	24.6	36.8





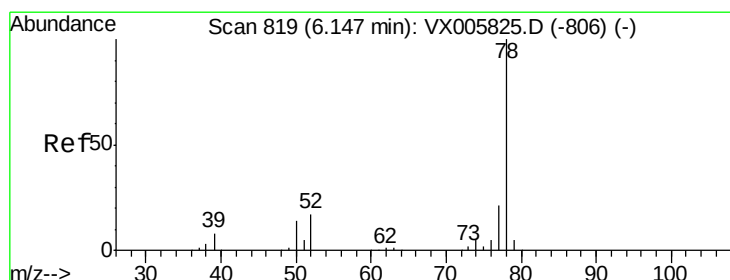
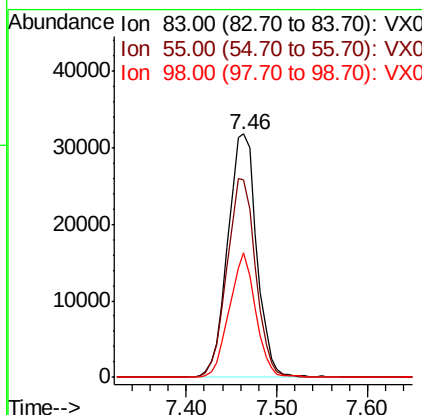
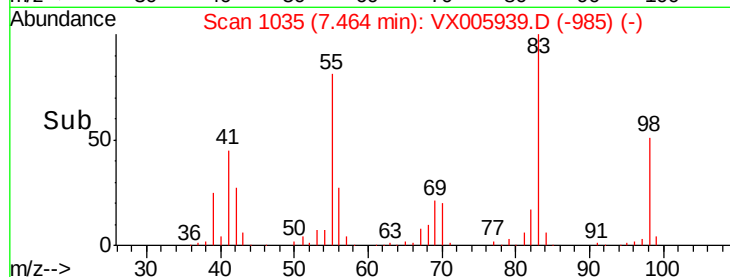
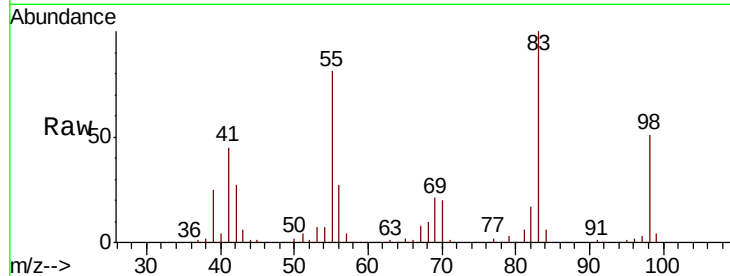
#39
Methylvlcyclohexane
Concen: 52.664 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.1	63.7	95.5
98	50.9	36.2	54.2

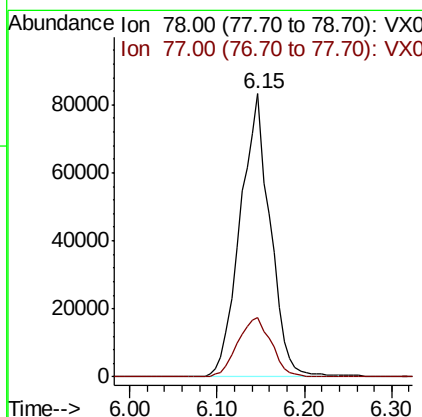
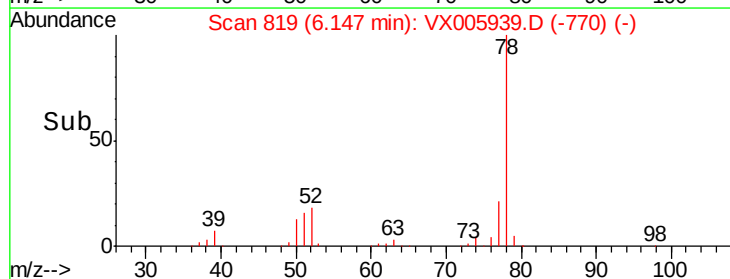
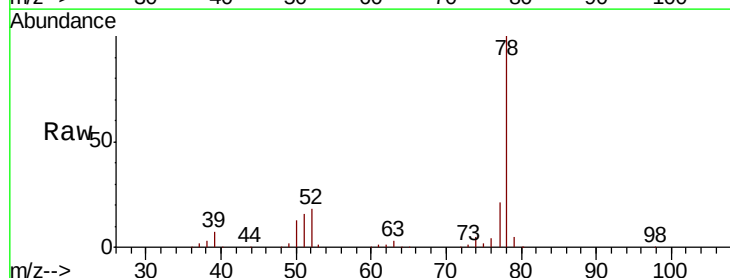
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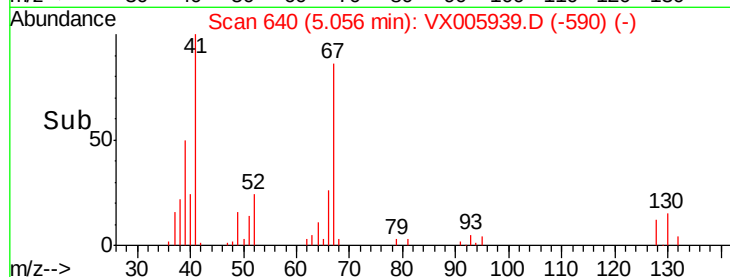
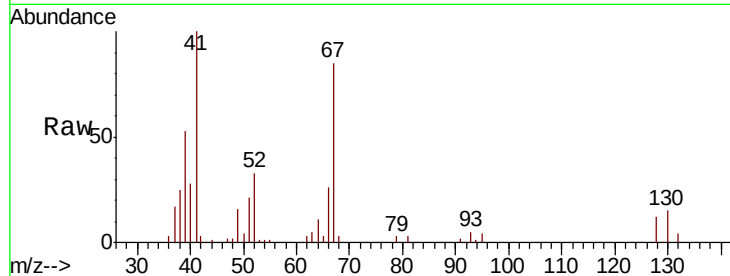
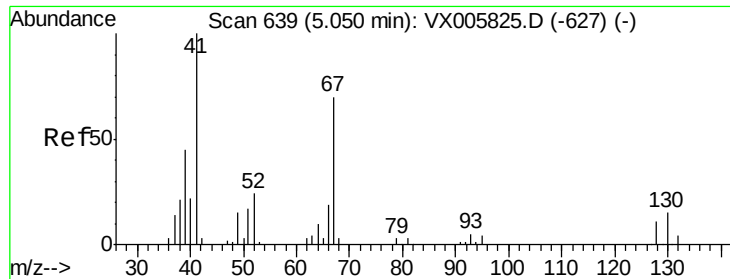
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#40
Benzene
Concen: 51.490 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.2	18.4	27.6





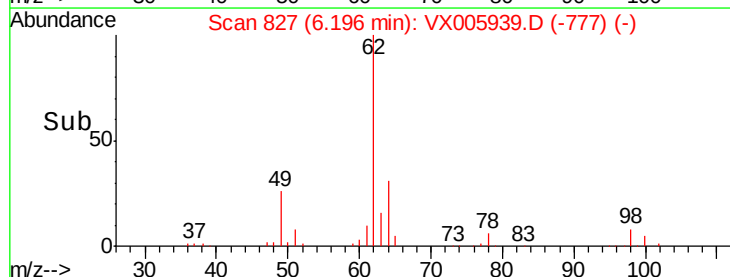
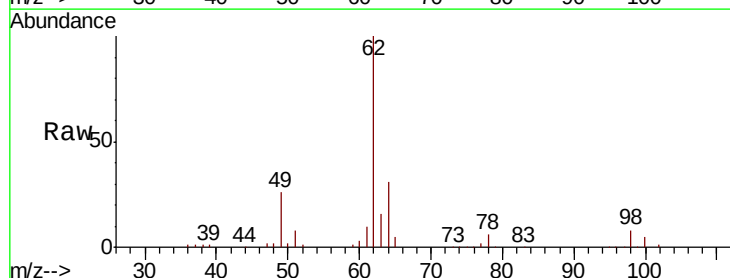
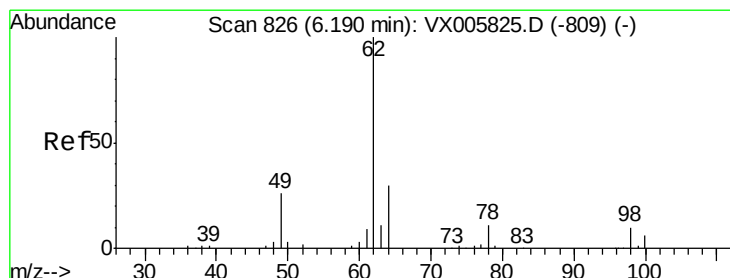
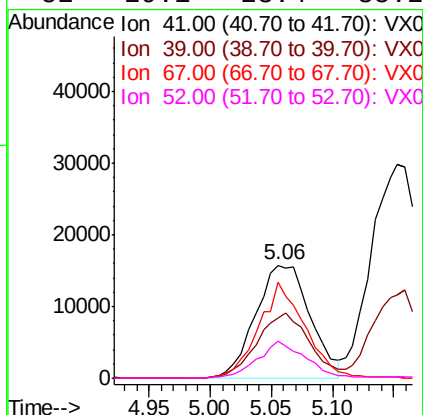
#41
Methacrylonitrile
Concen: 52.336 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.9	42.2	63.2	
67	71.8	53.4	80.0	
52	29.1	23.4	35.2	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

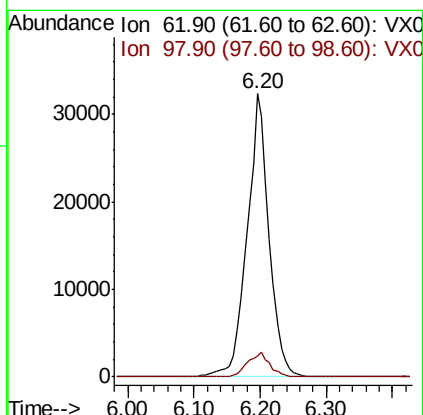
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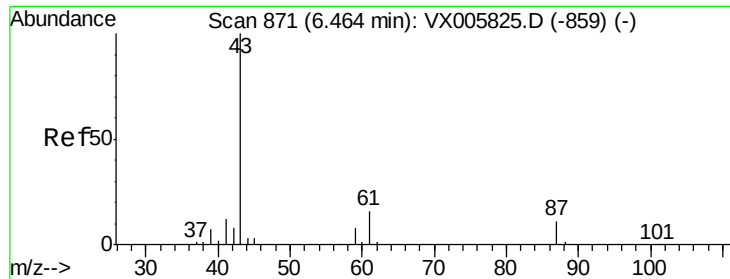
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#42
1,2-Dichloroethane
Concen: 53.883 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.8	0.0	17.8	





#43

Isopropyl Acetate

Concen: 54.149 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

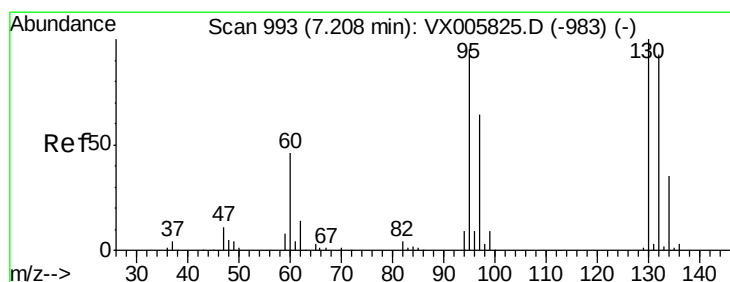
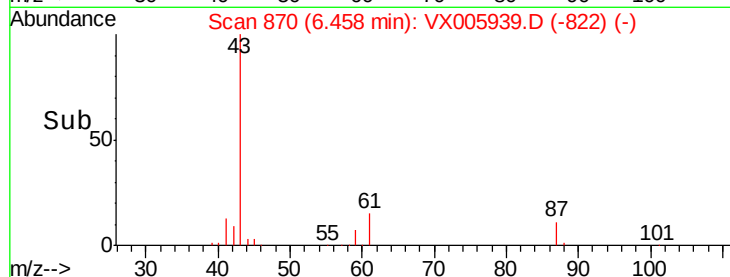
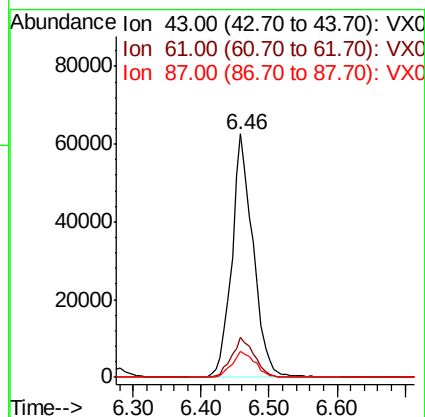
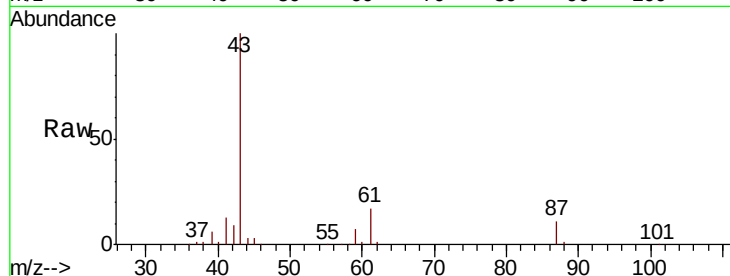
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	136464
Ion	Ratio	Lower	Upper
43	100		
61	17.5	14.6	22.0
87	11.4	9.6	14.4

Manual Integrations
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#44

Trichloroethene

Concen: 54.882 ug/l

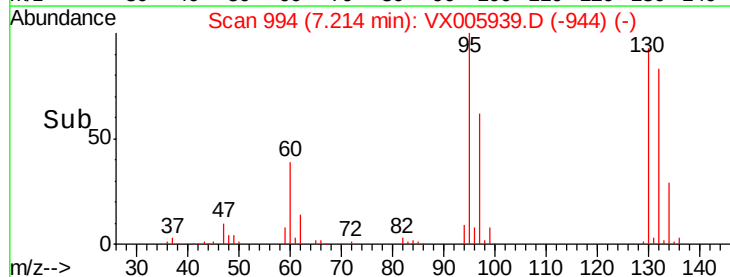
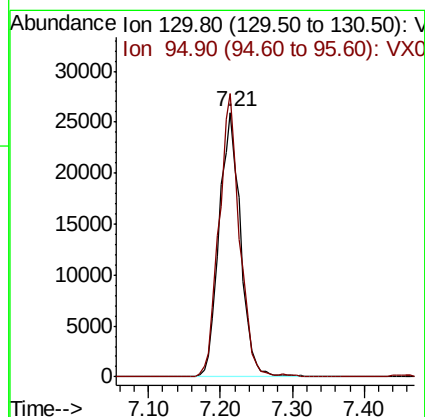
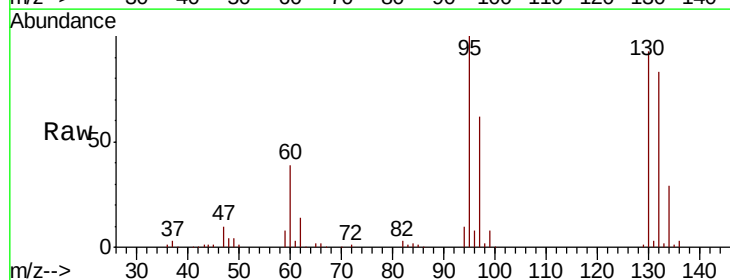
RT: 7.21 min Scan# 994

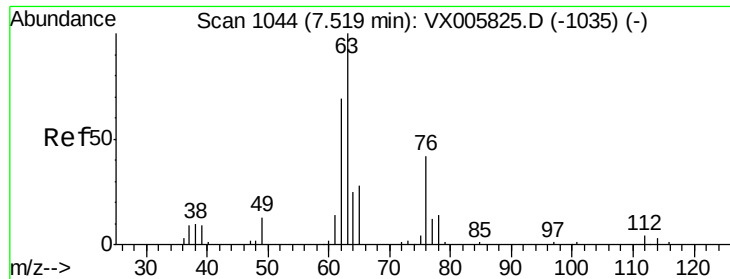
Delta R.T. 0.01 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Tgt Ion:	130	Resp:	53738
Ion	Ratio	Lower	Upper
130	100		
95	107.0	0.0	194.2





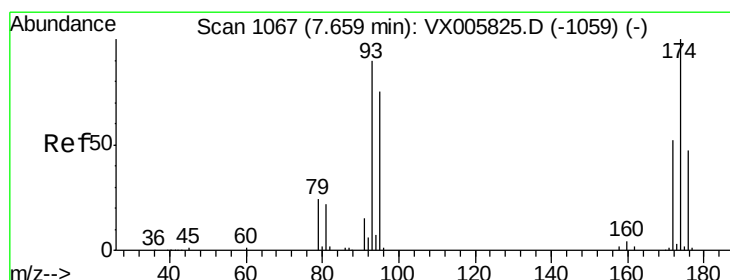
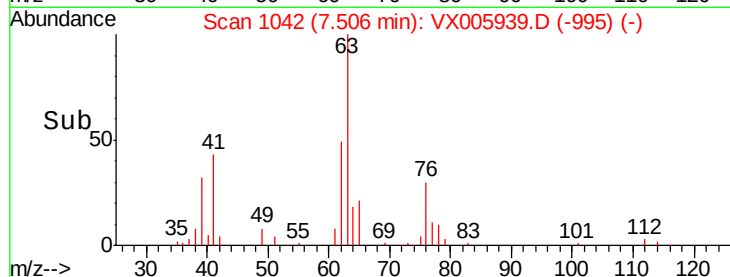
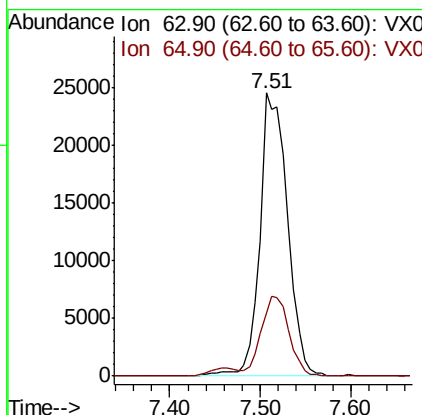
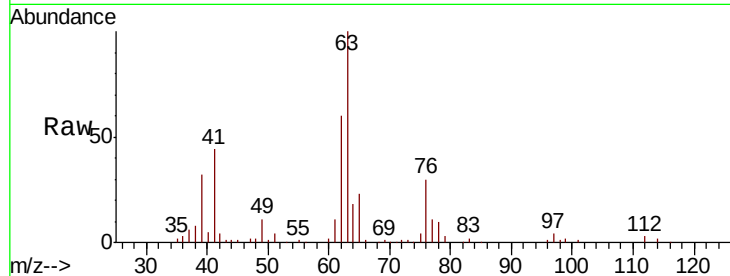
#45
 1,2-Dichloropropane
 Concen: 55.186 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 51645
 Ion Ratio Lower Upper
 63 100
 65 22.6 24.8 37.2#

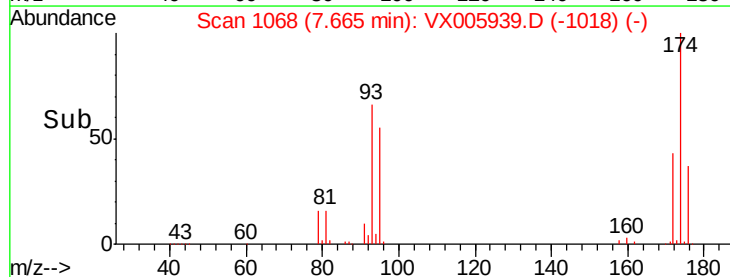
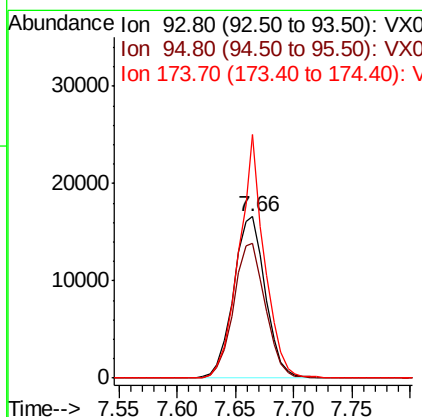
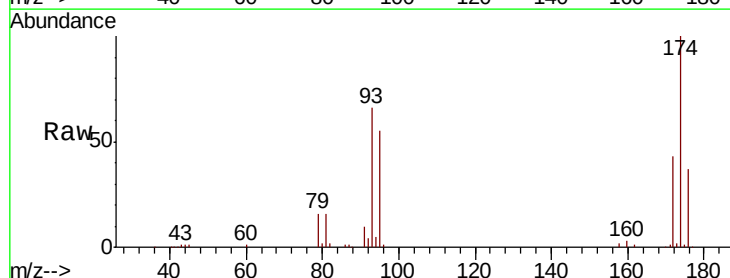
Manual Integrations
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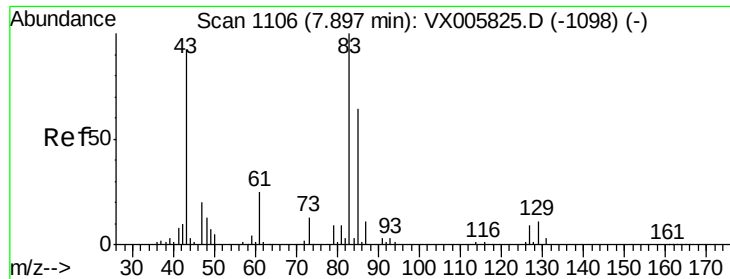
MMDadoda
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#46
 Dibromomethane
 Concen: 54.032 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Tgt Ion: 93 Resp: 31730
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.4 101.0
 174 120.5 91.5 137.3





#47

Bromodichloromethane

Concen: 57.219 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

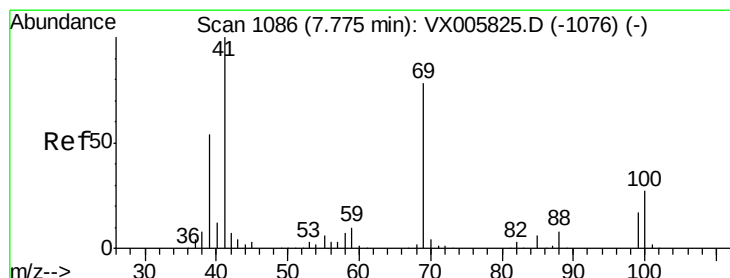
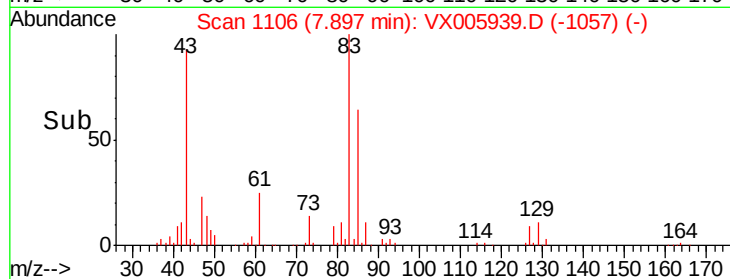
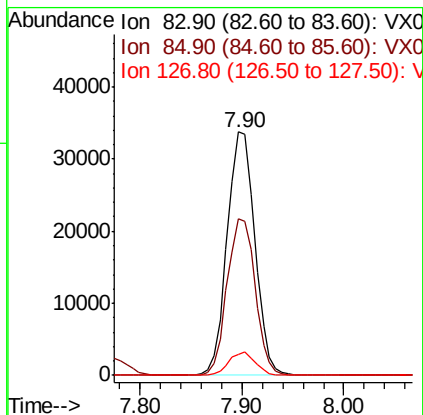
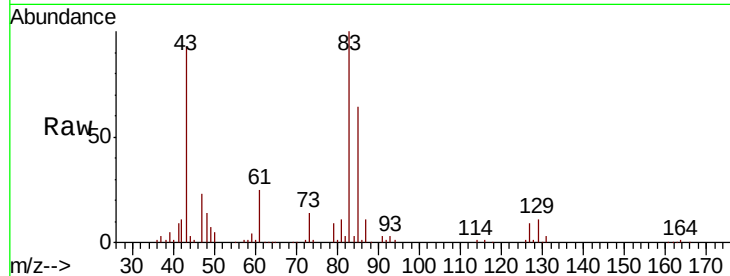
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	63503
Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.2	75.4
127	8.8	6.9	10.3

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#48

Methyl methacrylate

Concen: 58.981 ug/l

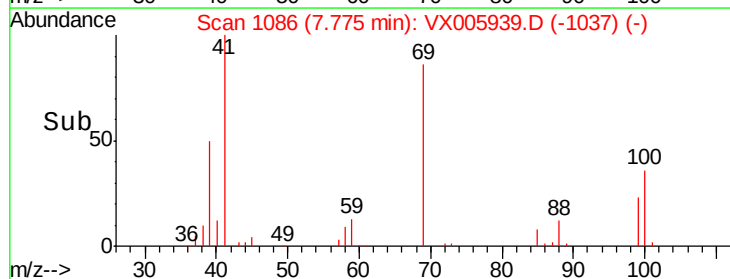
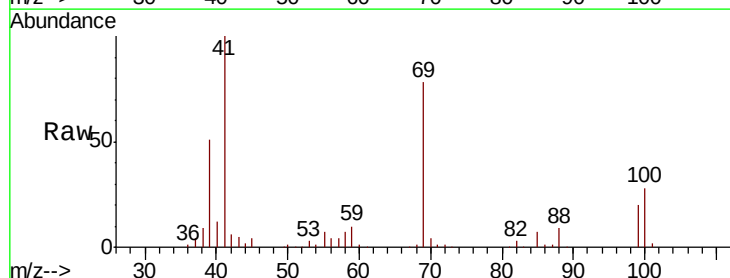
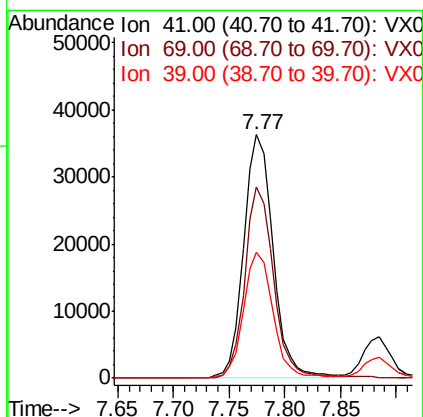
RT: 7.77 min Scan# 1086

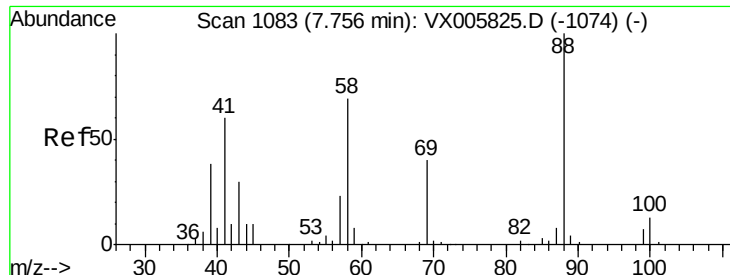
Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Tgt Ion:	41	Resp:	66743
Ion	Ratio	Lower	Upper
41	100		
69	77.6	63.2	94.8
39	52.2	42.2	63.2





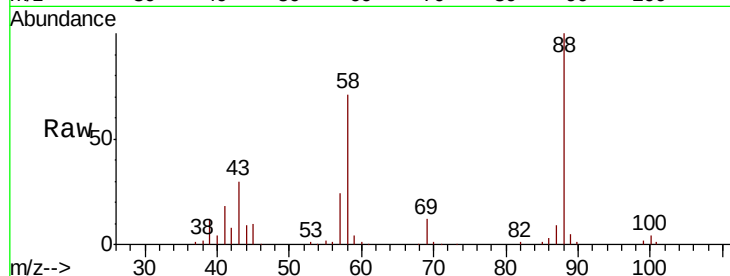
#49
1,4-Dioxane
Concen: 1158.031 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.1	27.4	41.0
58	75.1	59.4	89.2

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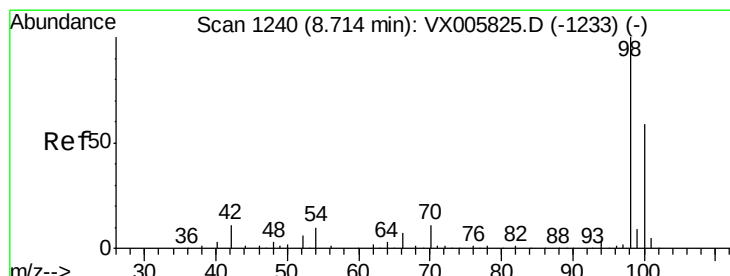
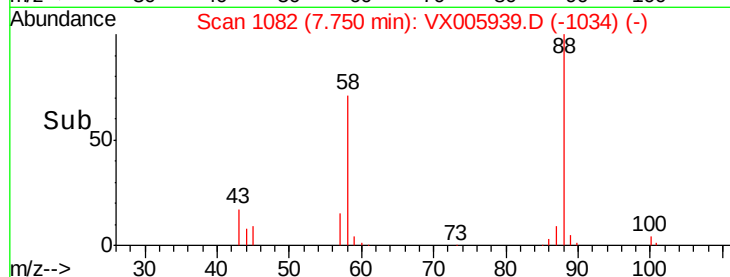
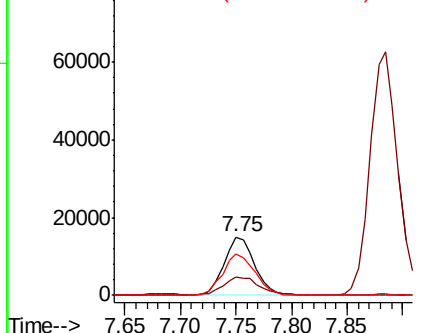


Abundance

Ion 88.00 (87.70 to 88.70): VX0

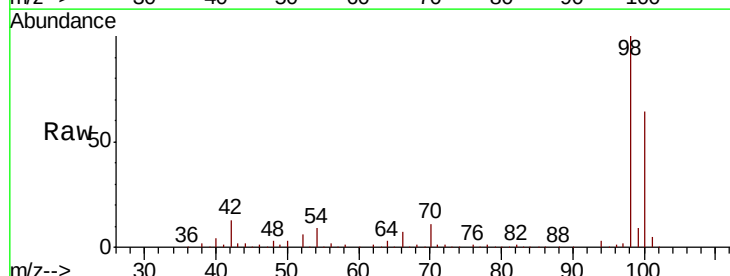
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 53.319 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

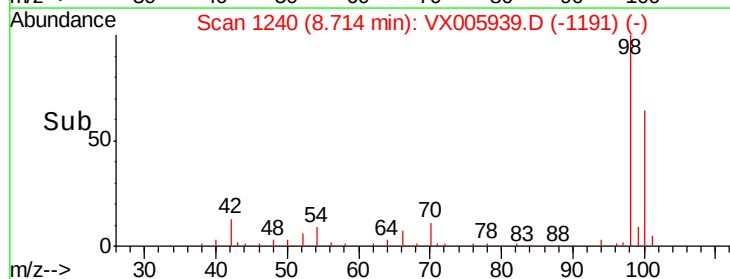
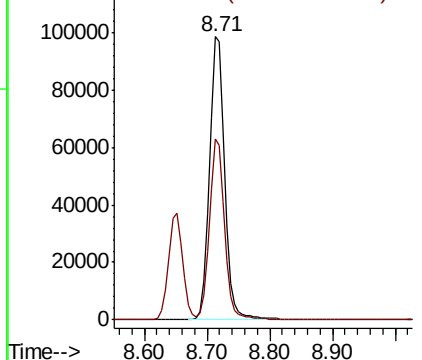
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.3	76.9

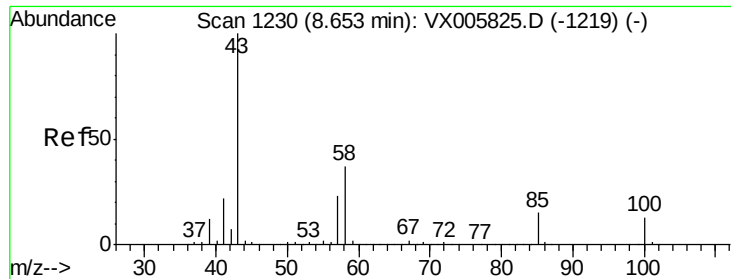


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 280.148 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 444963

Ion Ratio Lower Upper

43 100

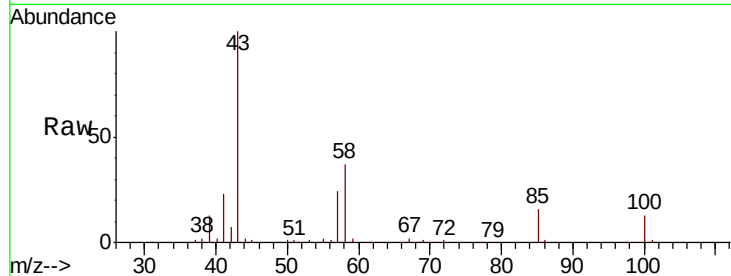
58 36.9 29.7 44.5

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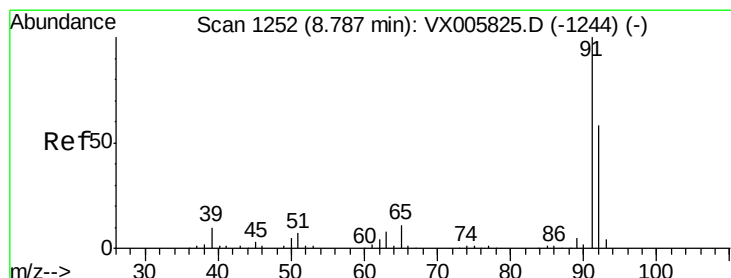
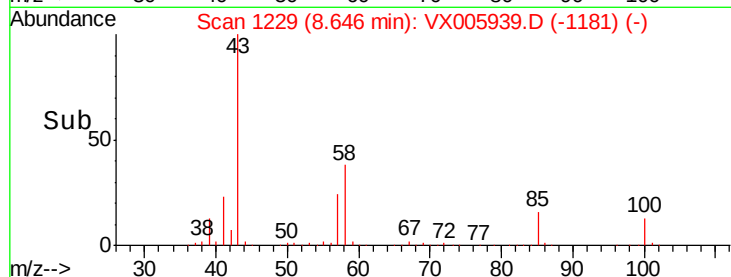
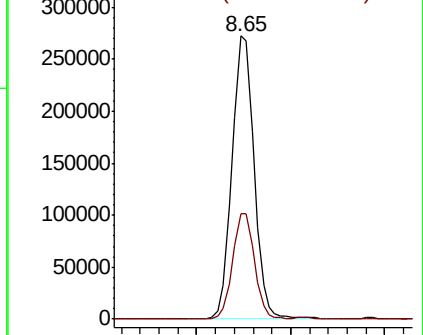
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.317 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005939.D

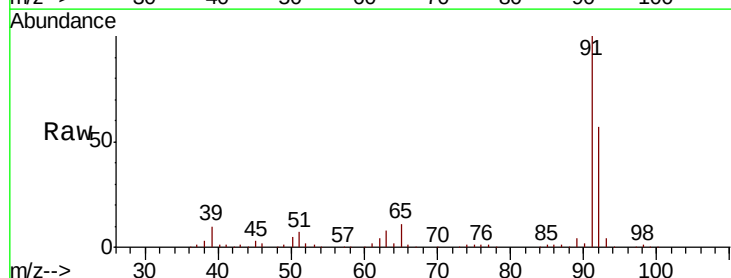
Acq: 13 Nov 2018 09:18

Tgt Ion: 92 Resp: 112737

Ion Ratio Lower Upper

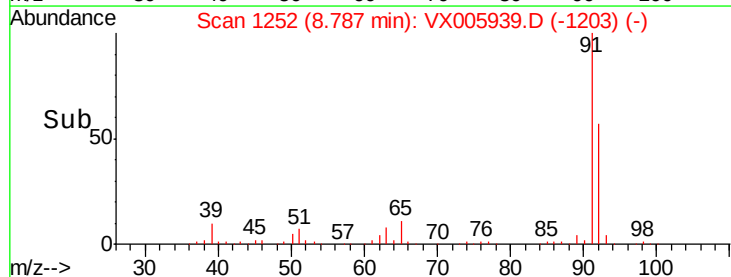
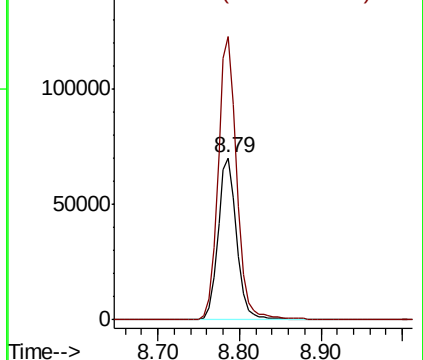
92 100

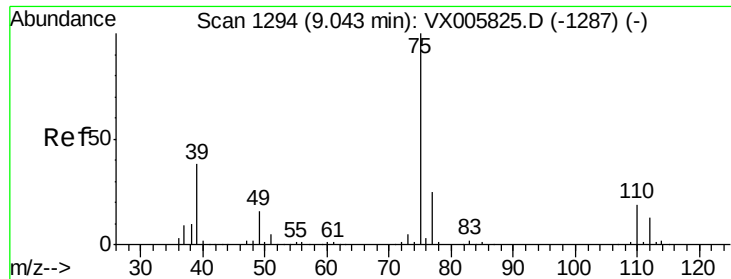
91 175.3 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





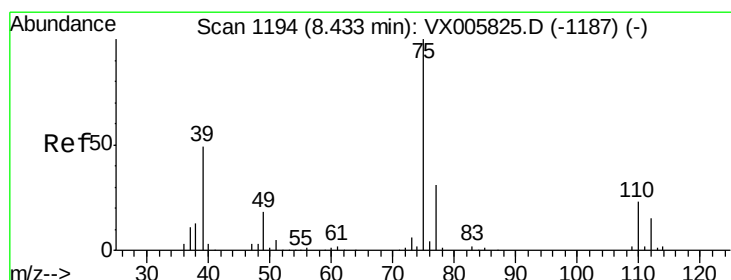
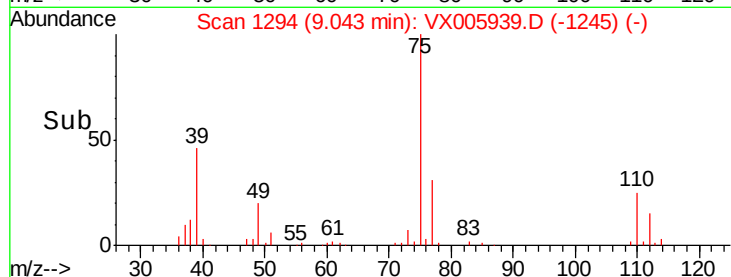
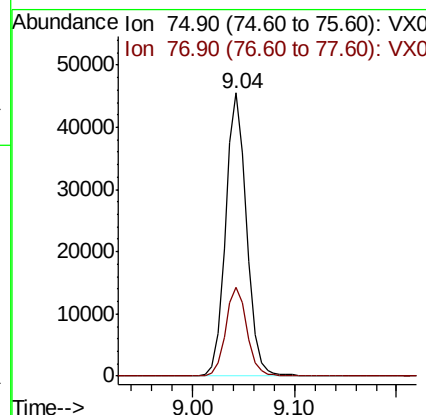
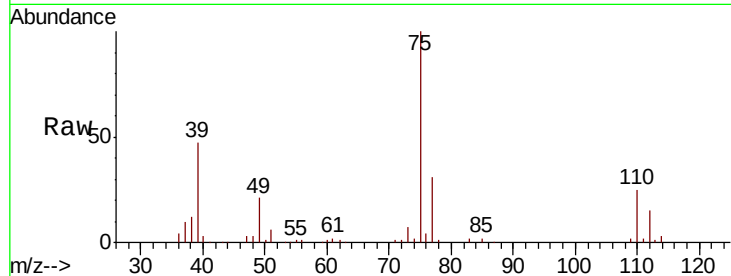
#53
t-1,3-Dichloropropene
Concen: 49.684 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 65070
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2

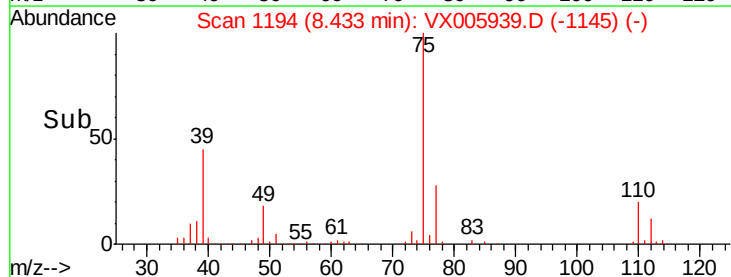
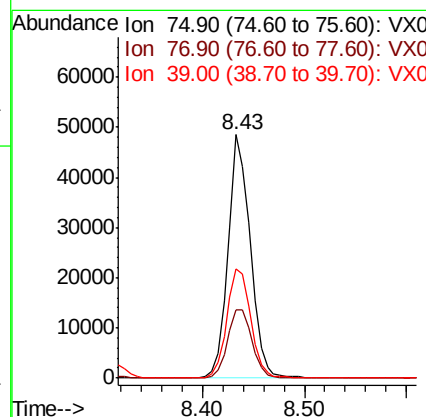
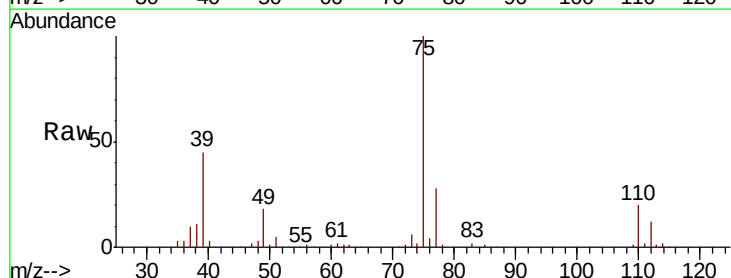
Manual Integrations
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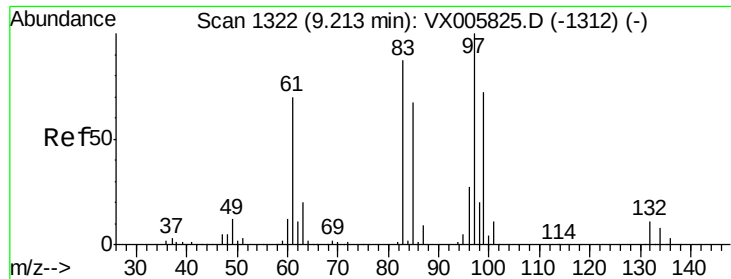
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#54
cis-1,3-Dichloropropene
Concen: 54.625 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Tgt Ion: 75 Resp: 72919
Ion Ratio Lower Upper
75 100
77 28.1 25.2 37.8
39 45.0 38.2 57.2





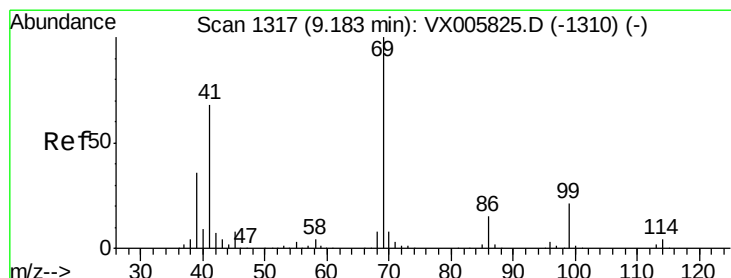
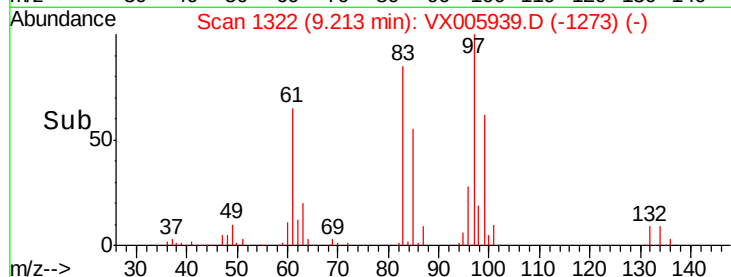
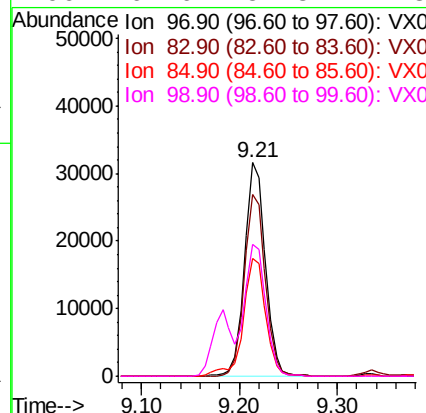
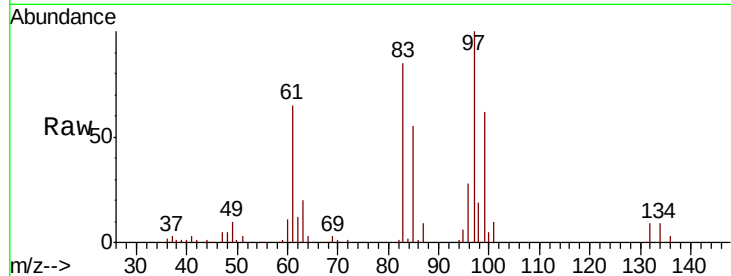
#55
 1,1,2-Trichloroethane
 Concen: 48.749 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.0	70.7	106.1
85	55.1	45.8	68.6
99	61.6	51.8	77.8

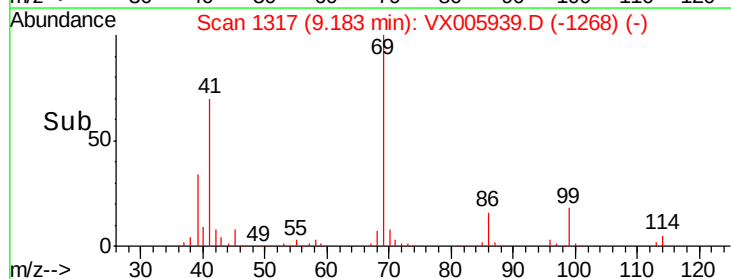
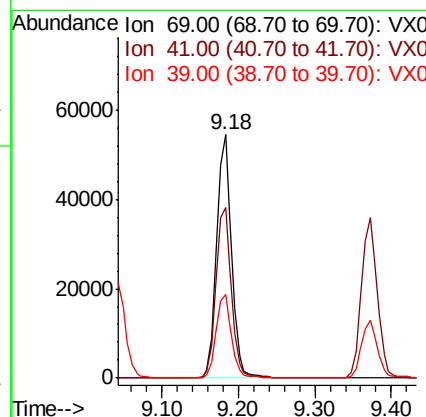
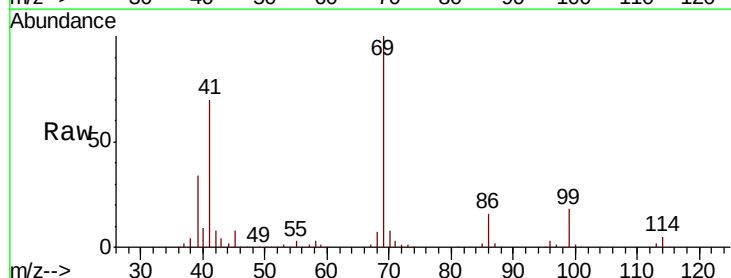
Manual Integrations
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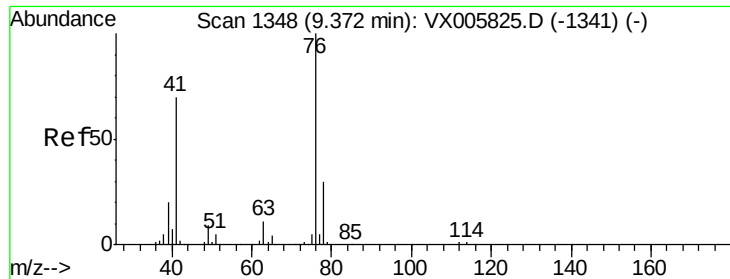
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#56
 Ethyl methacrylate
 Concen: 51.418 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.6	57.0	85.6
39	35.3	28.3	42.5





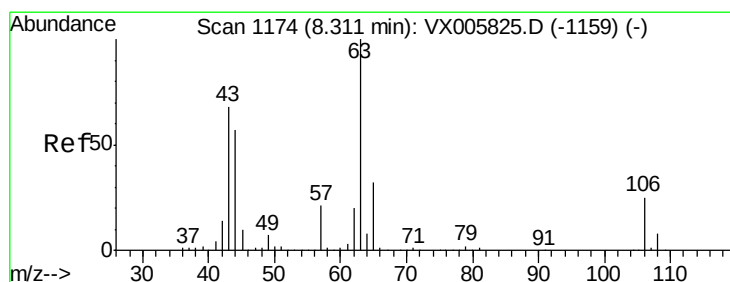
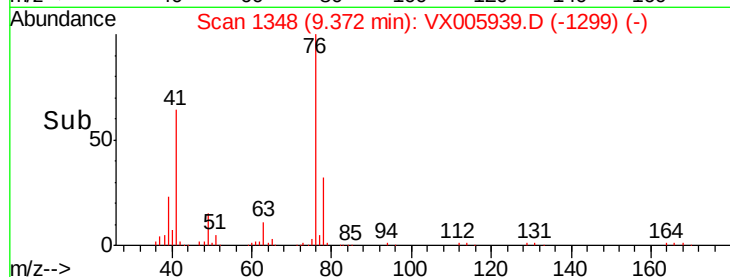
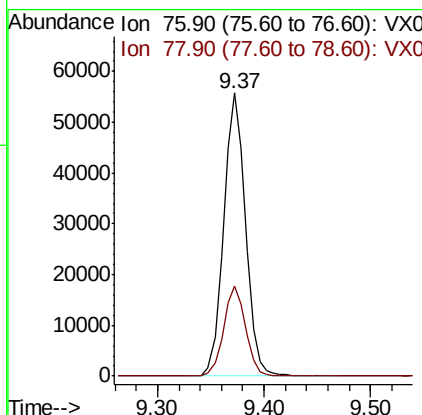
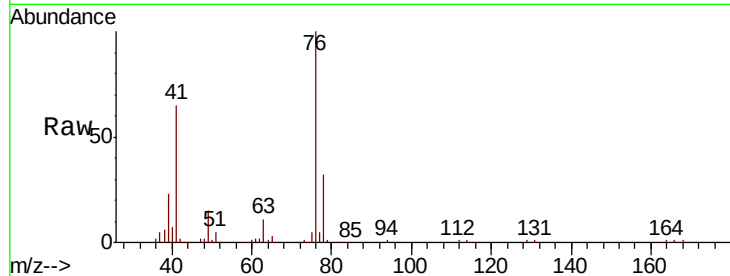
#57
 1,3-Dichloropropane
 Concen: 49.489 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 79870
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.3 37.9

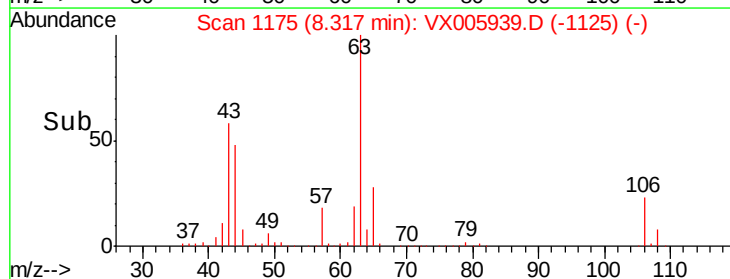
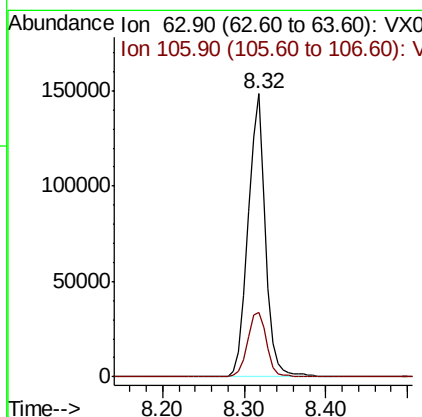
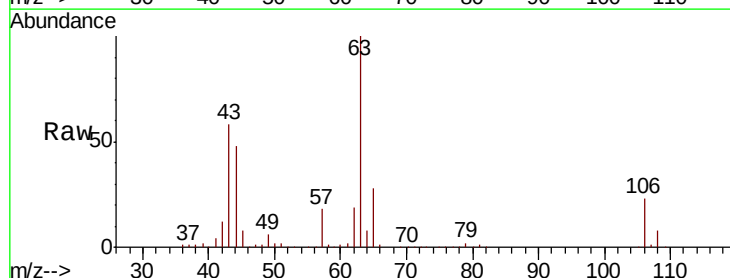
Manual Integrations
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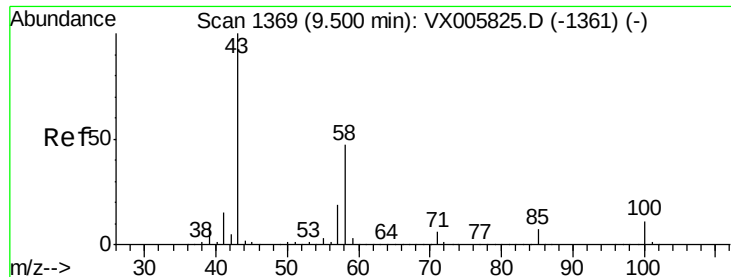
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#58
 2-Chloroethyl Vinyl ether
 Concen: 278.603 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Tgt Ion: 63 Resp: 218916
 Ion Ratio Lower Upper
 63 100
 106 25.3 21.3 31.9





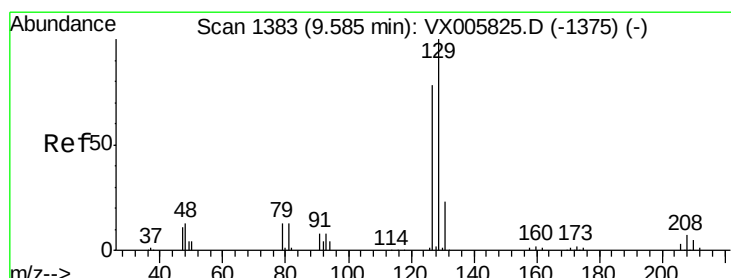
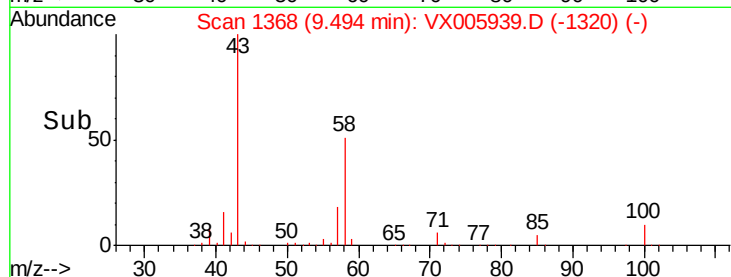
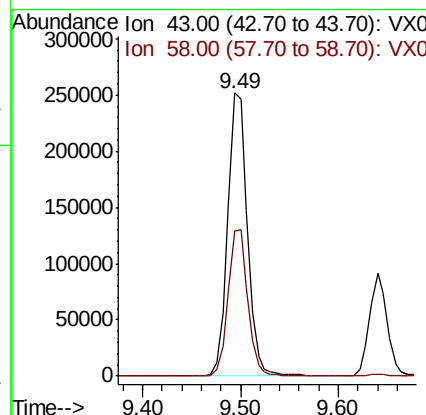
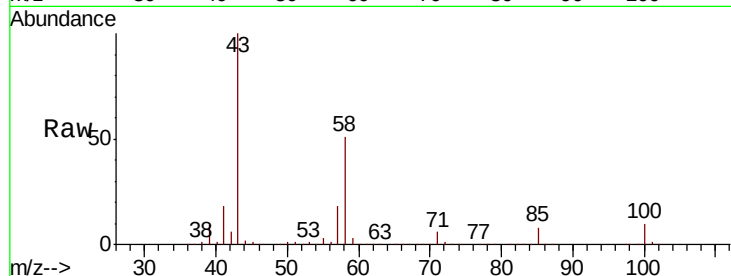
#59
2-Hexanone
Concen: 252.234 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 353134
Ion Ratio Lower Upper
43 100
58 51.7 25.9 77.8

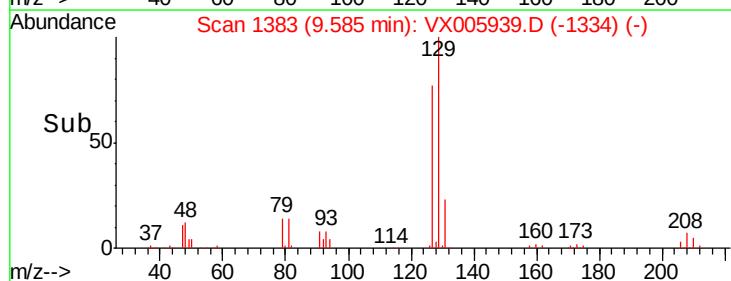
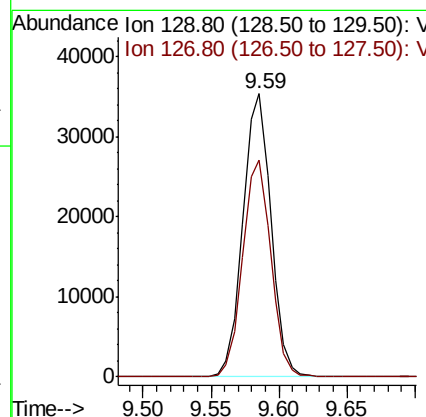
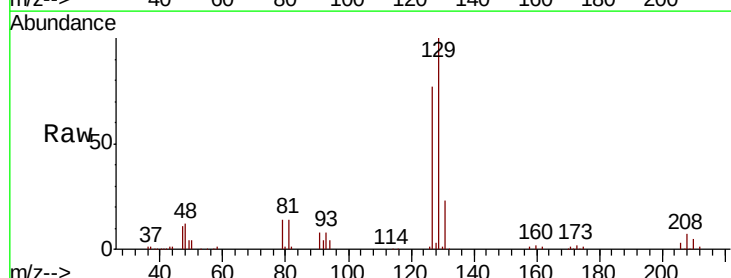
Manual Integrations
APPROVED

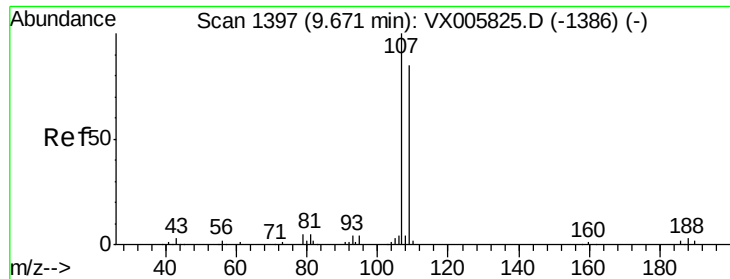
MMDadoda
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#60
Dibromochloromethane
Concen: 49.272 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Tgt Ion: 129 Resp: 51140
Ion Ratio Lower Upper
129 100
127 76.8 38.9 116.7





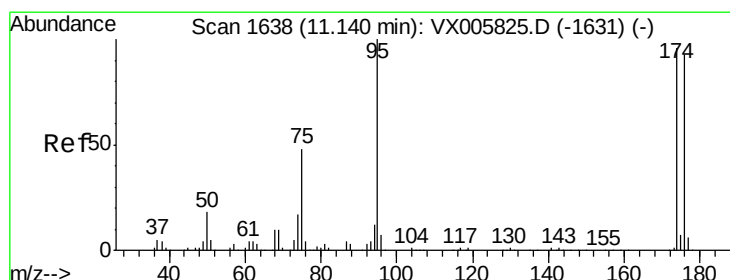
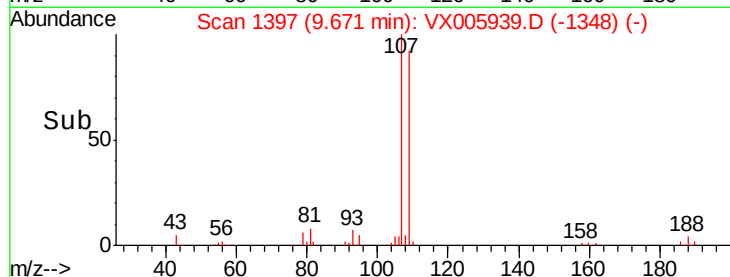
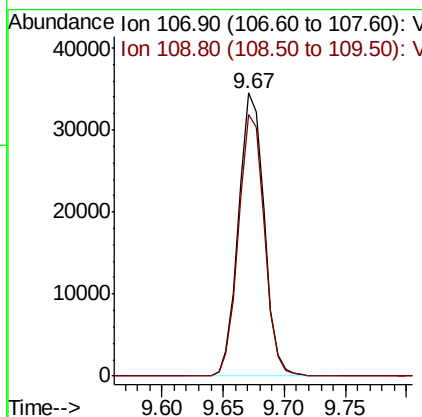
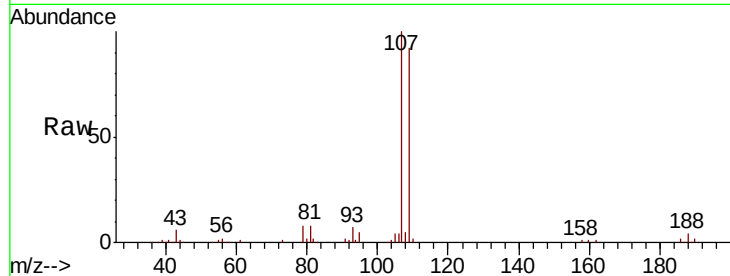
#61
 1,2-Dibromoethane
 Concen: 47.087 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:107 Resp: 50004
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.7 113.5

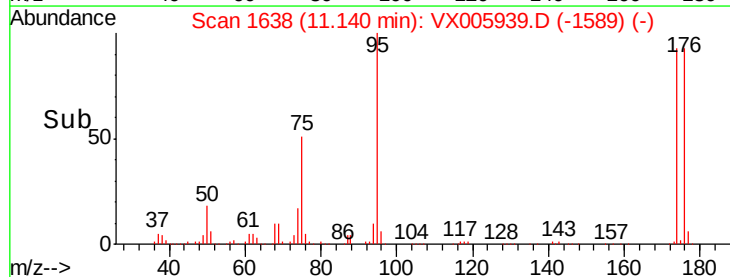
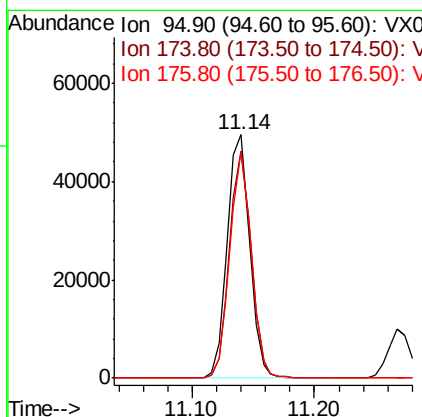
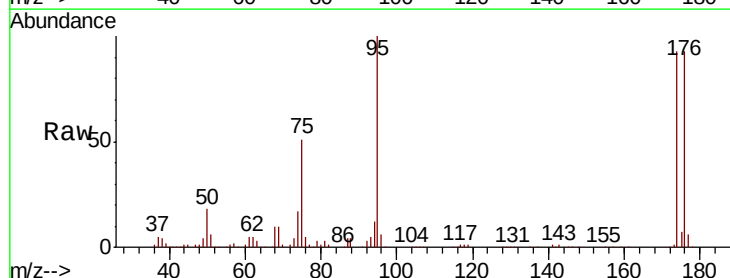
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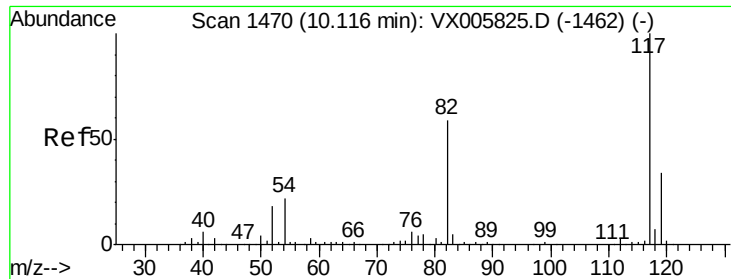
MMDadoda
 11/13/2018 1:24:09 PM



#62
 4-Bromofluorobenzene
 Concen: 56.604 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Tgt Ion: 95 Resp: 63135
 Ion Ratio Lower Upper
 95 100
 174 90.4 0.0 184.4
 176 88.2 0.0 177.4





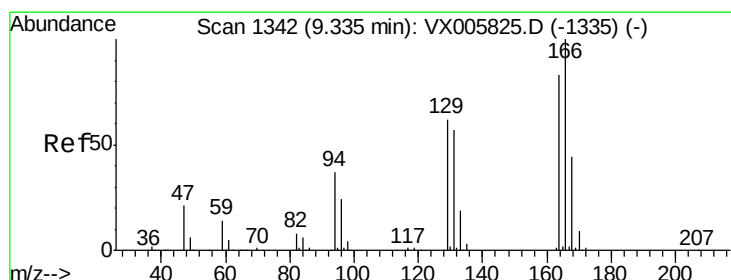
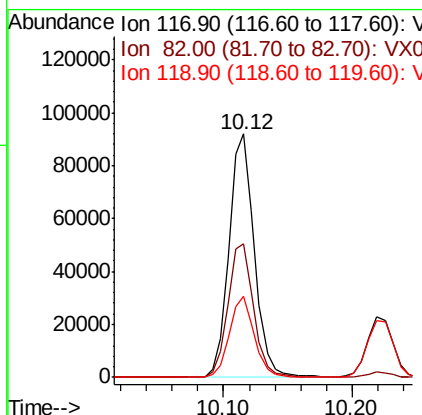
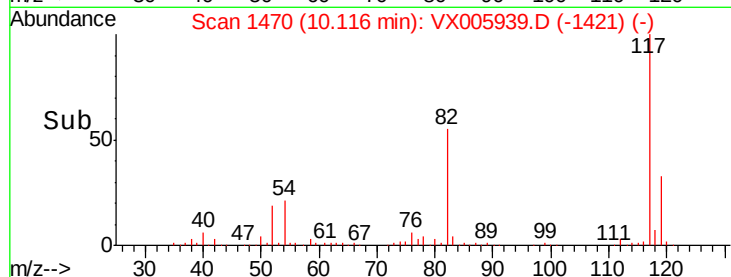
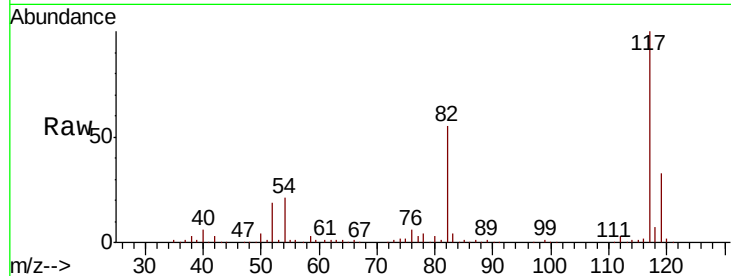
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.1	66.1
119	33.2	26.2	39.2

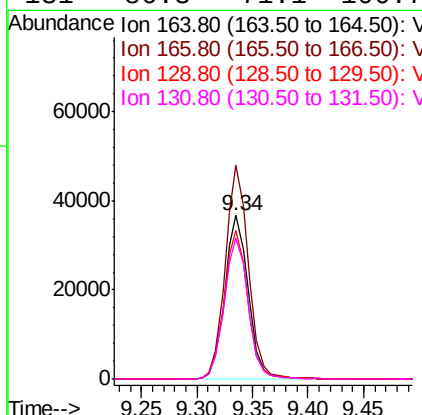
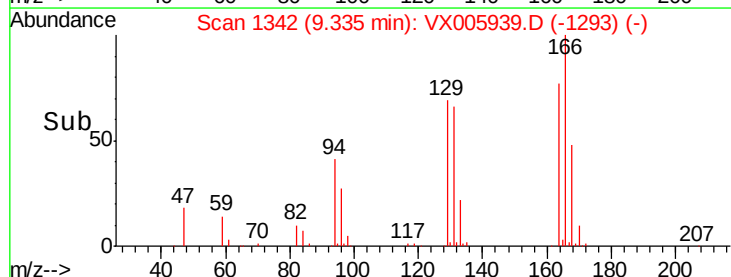
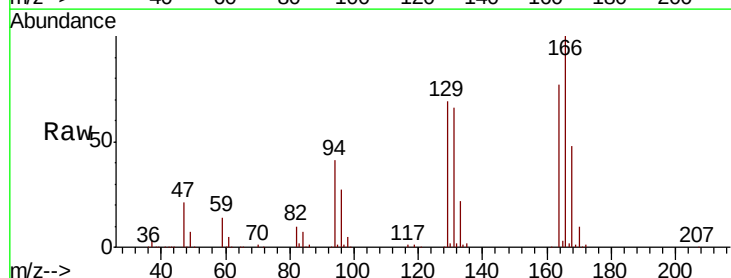
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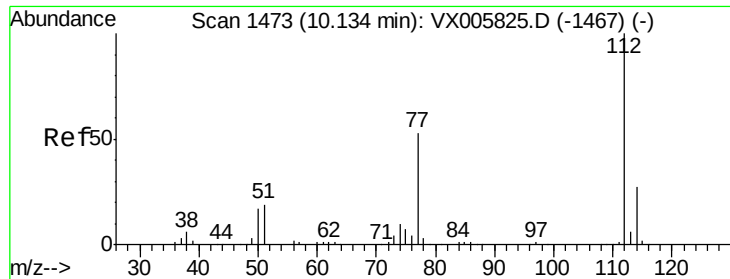
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#64
Tetrachloroethene
Concen: 49.529 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.5	101.9	152.9
129	90.6	72.6	109.0
131	86.3	71.1	106.7





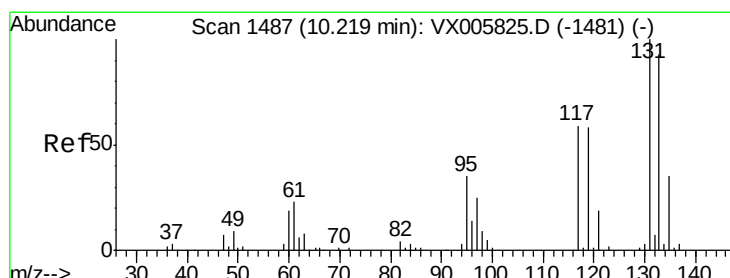
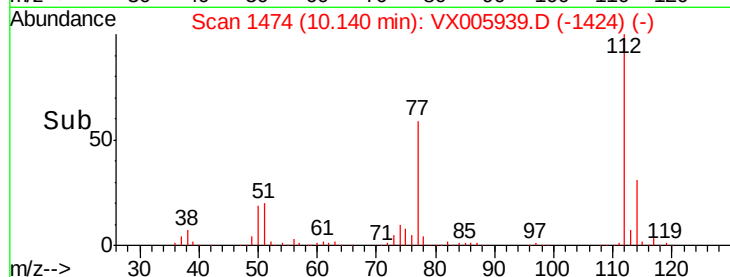
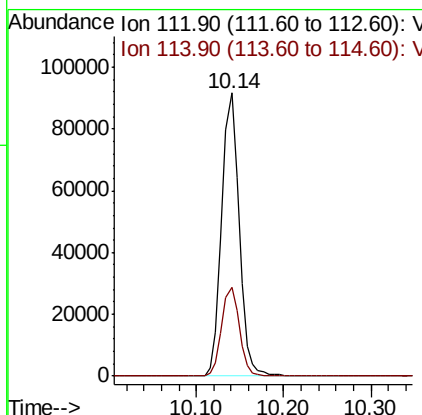
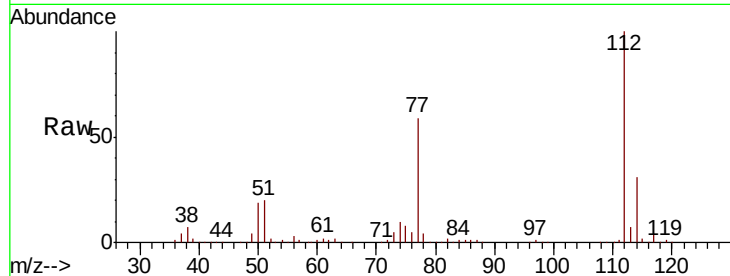
#65
Chlorobenzene
Concen: 49.875 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 126893
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6

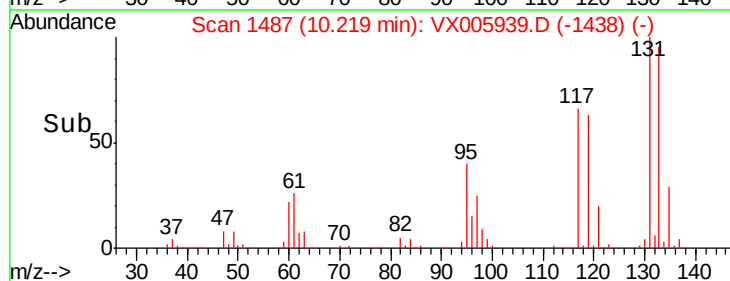
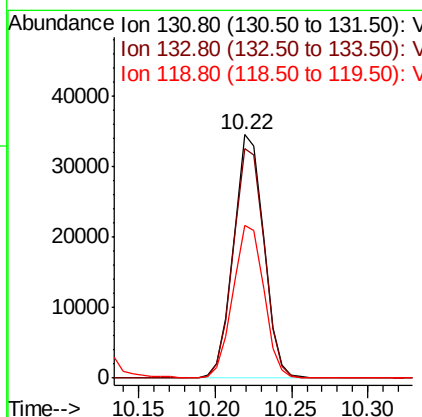
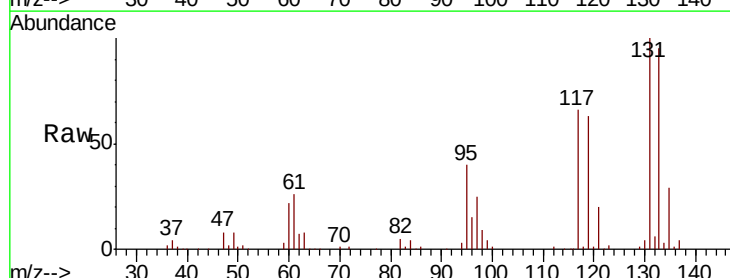
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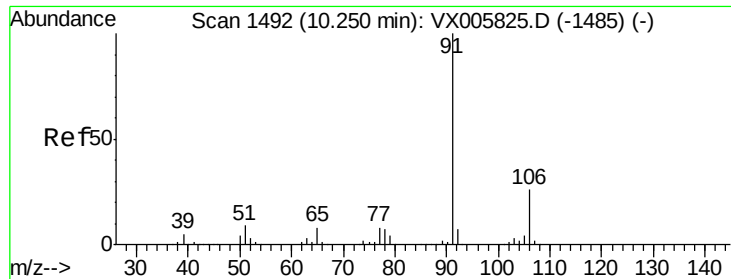
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.699 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Tgt Ion:131 Resp: 47497
Ion Ratio Lower Upper
131 100
133 96.4 47.5 142.5
119 64.0 31.8 95.3





#67

Ethyl Benzene

Concen: 54.344 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 221708

Ion Ratio Lower Upper

91 100

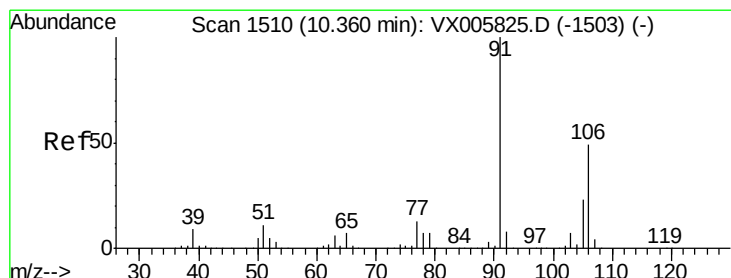
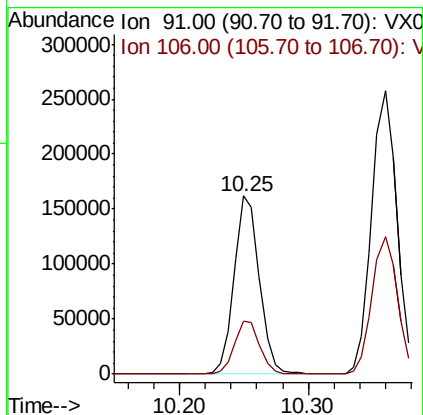
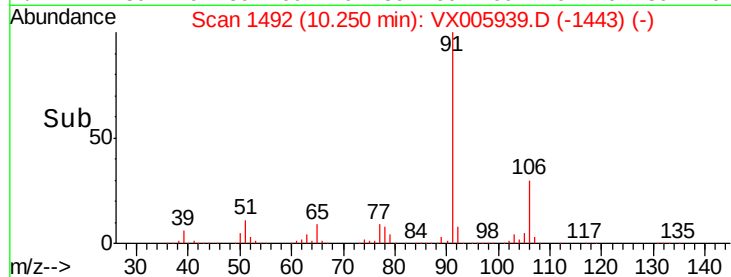
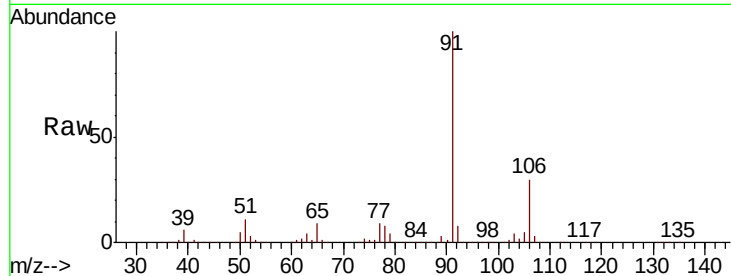
106 29.9 24.4 36.6

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#68

m/p-Xylenes

Concen: 110.115 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005939.D

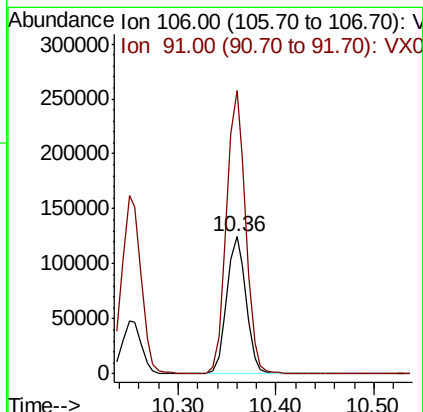
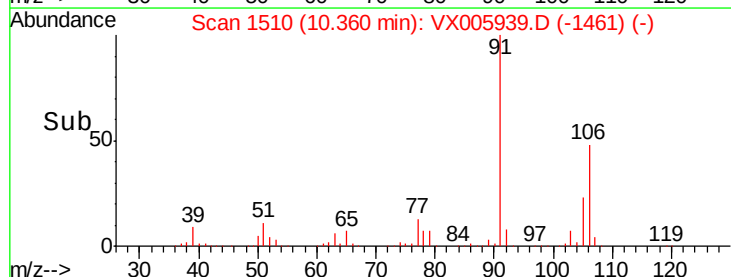
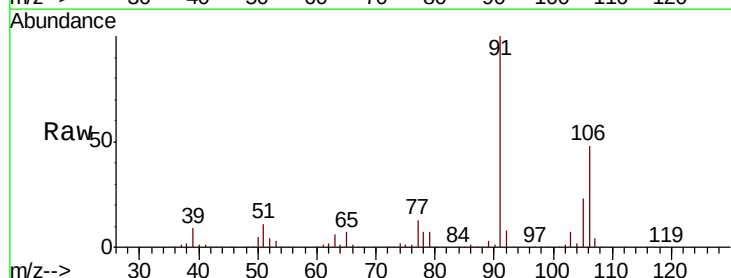
Acq: 13 Nov 2018 09:18

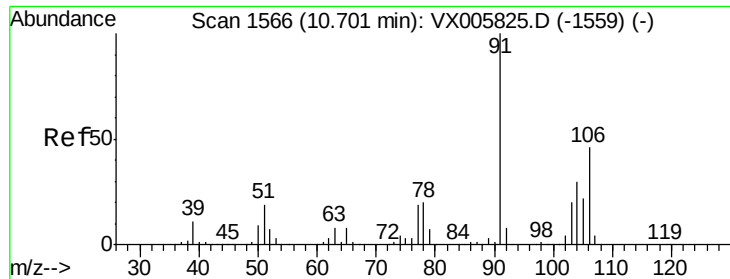
Tgt Ion: 106 Resp: 171355

Ion Ratio Lower Upper

106 100

91 204.9 164.2 246.4





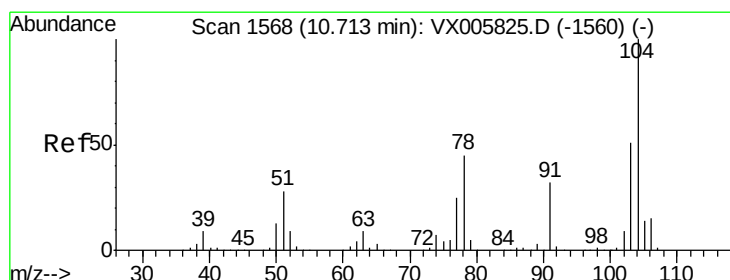
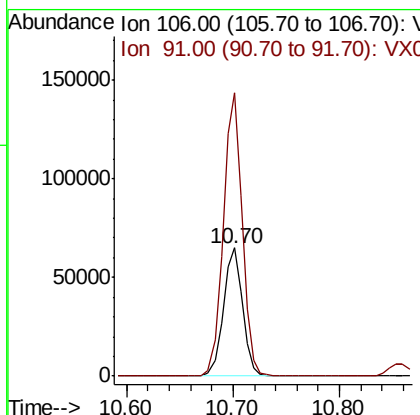
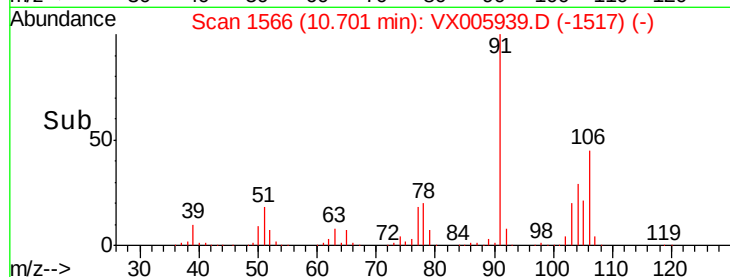
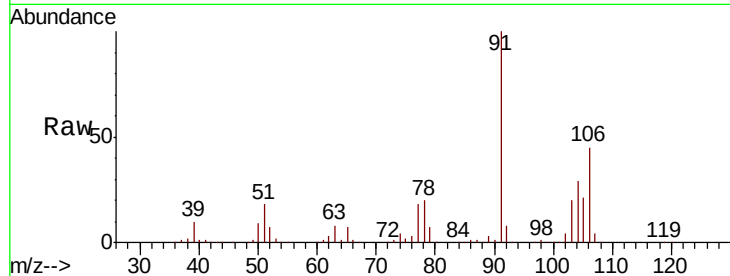
#69
o-Xylene
Concen: 58.271 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 81311
Ion Ratio Lower Upper
106 100
91 219.1 108.5 325.5

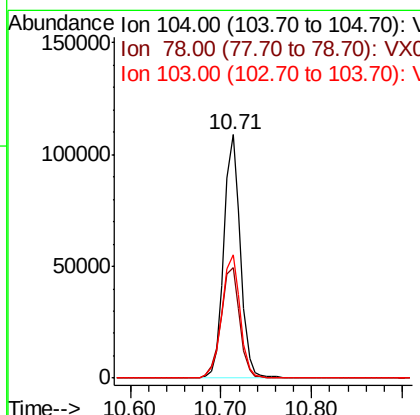
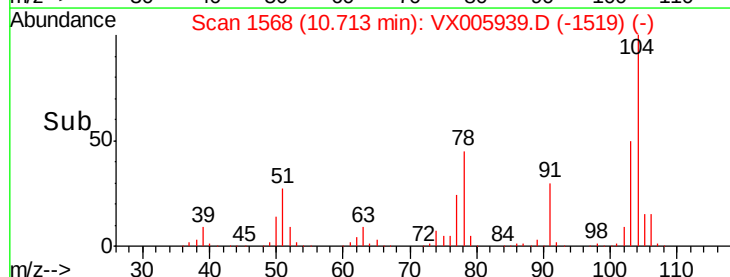
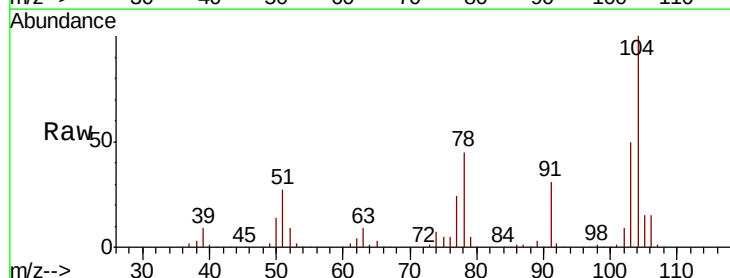
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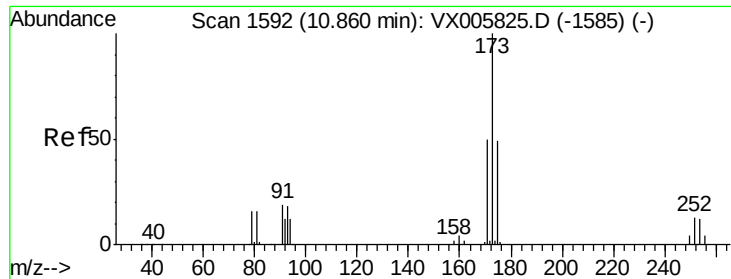
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#70
Styrene
Concen: 60.164 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Tgt Ion:104 Resp: 138490
Ion Ratio Lower Upper
104 100
78 51.4 40.2 60.4
103 55.8 44.9 67.3





#71

Bromoform

Concen: 58.160 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 43124

Ion Ratio Lower Upper

173 100

175 48.4 24.8 74.3

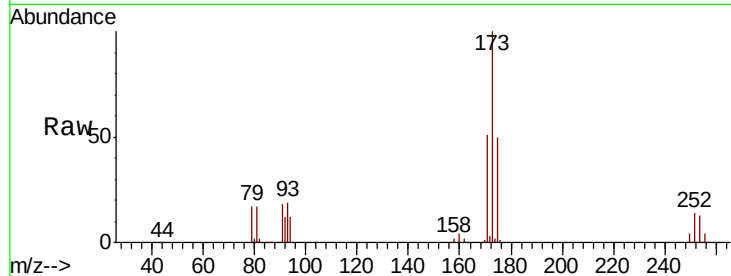
254 0.1 0.2 0.2#

Manual Integrations

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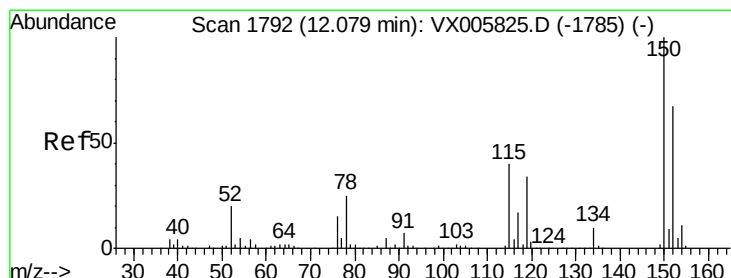
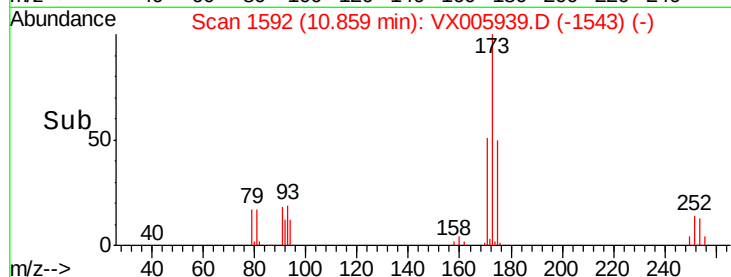
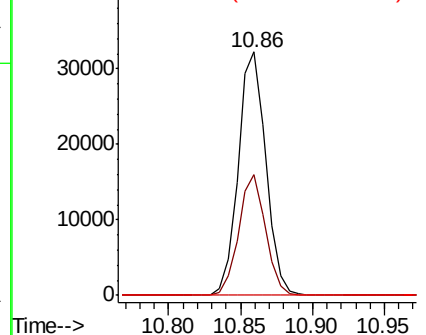
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

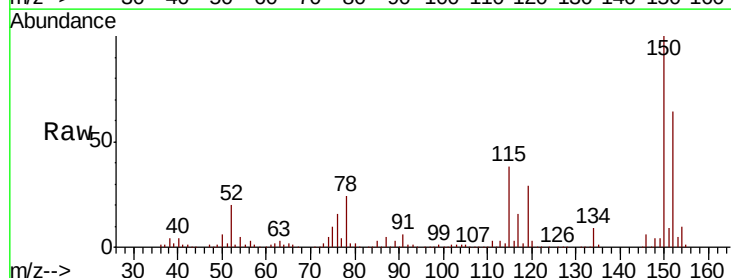
Tgt Ion:152 Resp: 72877

Ion Ratio Lower Upper

152 100

115 78.1 39.4 118.1

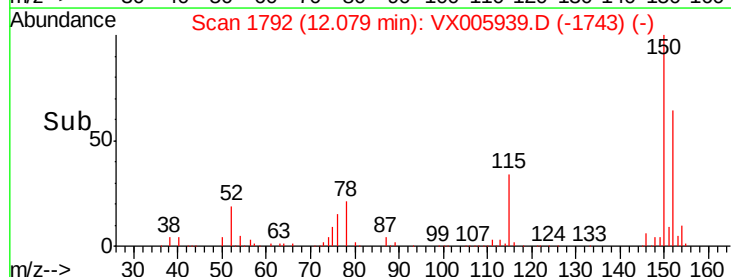
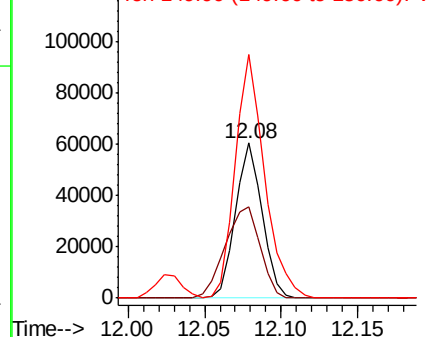
150 172.8 0.0 346.4

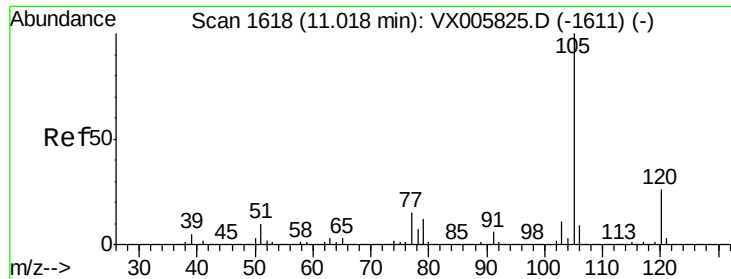


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.404 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 225063

Ion Ratio Lower Upper

105 100

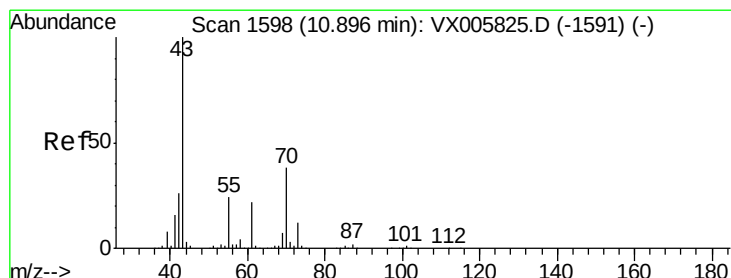
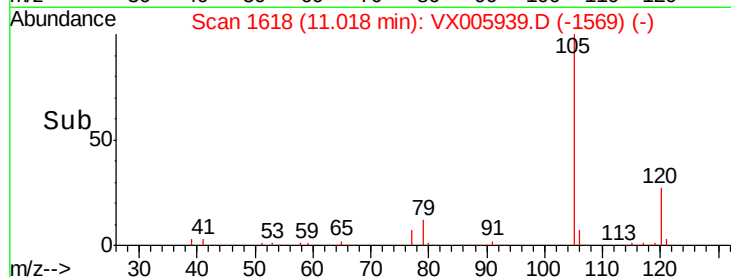
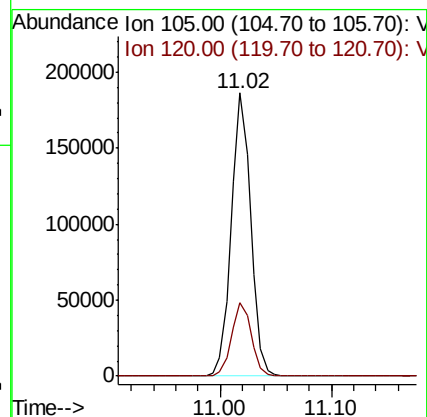
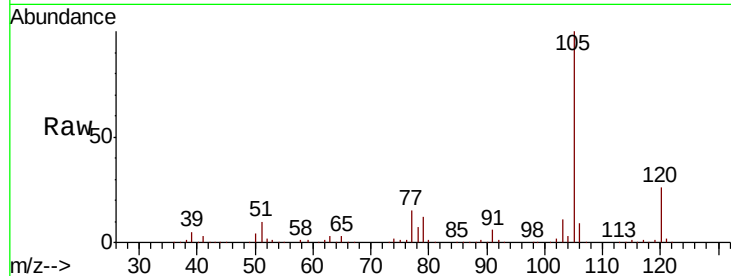
120 26.3 13.1 39.3

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#74

N-ethyl acetate

Concen: 48.703 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Tgt Ion: 43 Resp: 115089

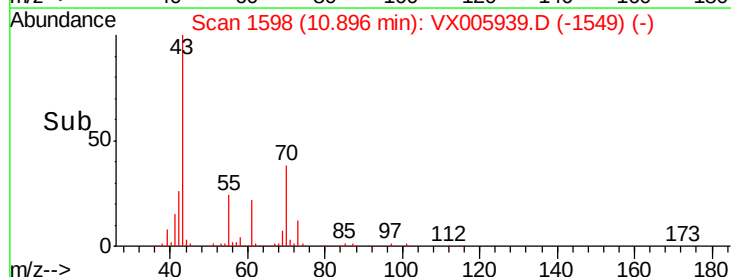
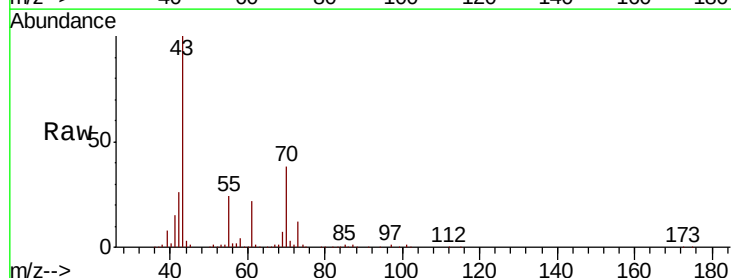
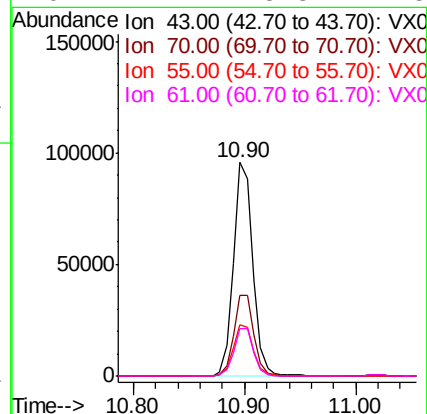
Ion Ratio Lower Upper

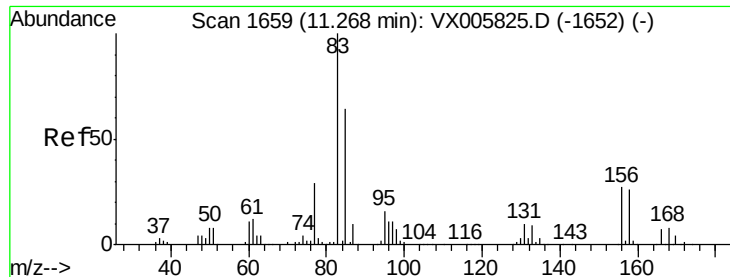
43 100

70 39.0 31.6 47.4

55 24.6 19.7 29.5

61 22.7 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 50.314 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

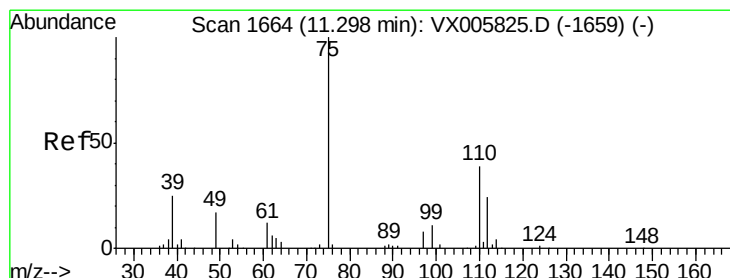
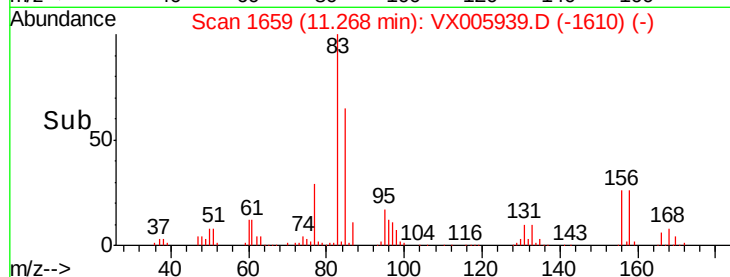
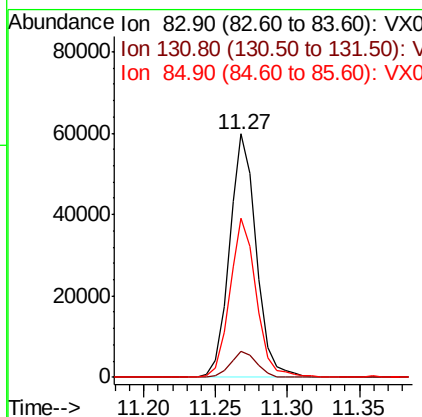
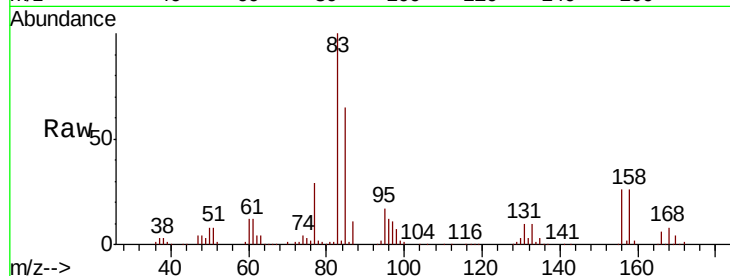
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	77830
Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.3	15.9
85	64.5	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 50.867 ug/l m

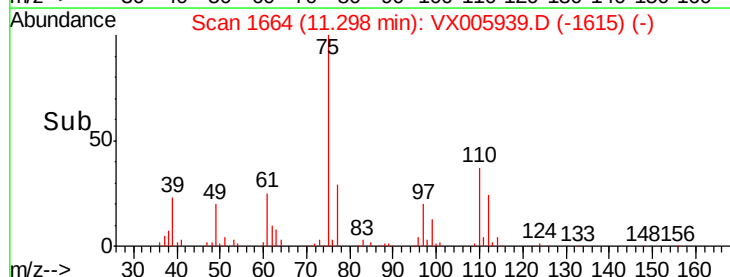
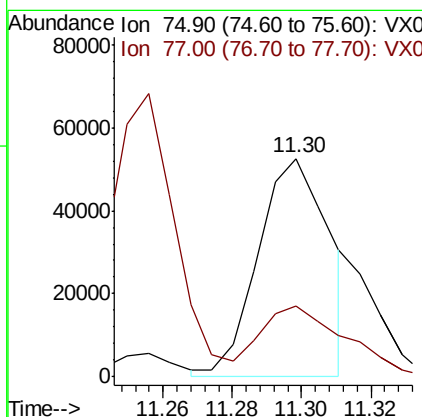
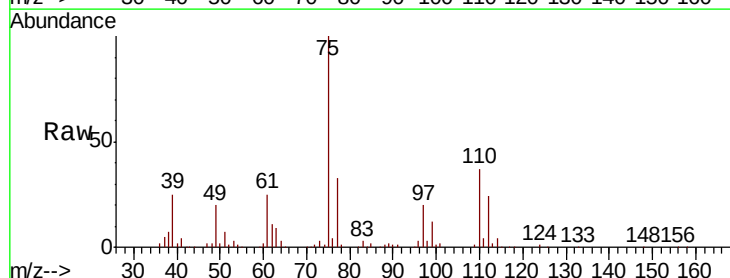
RT: 11.30 min Scan# 1664

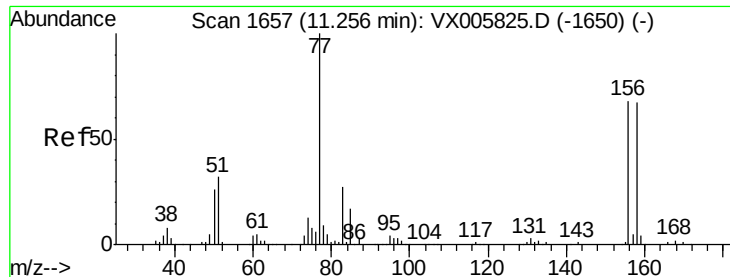
Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Tgt Ion:	75	Resp:	75484
Ion	Ratio	Lower	Upper
75	100		
77	38.6	20.5	61.6





#77

Bromobenzene

Concen: 50.374 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 59838

Ion Ratio Lower Upper

156 100

77 148.8 74.8 224.4

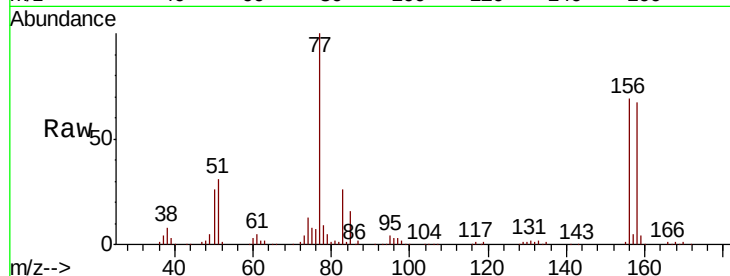
158 96.5 49.1 147.3

Manual Integrations

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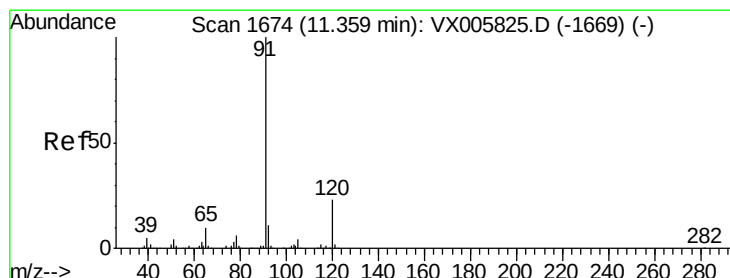
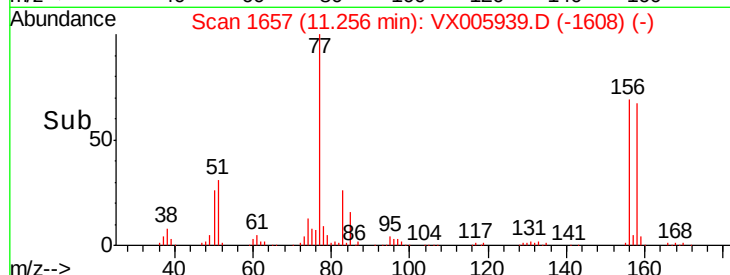
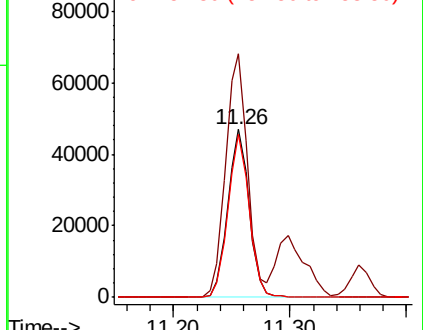
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.616 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005939.D

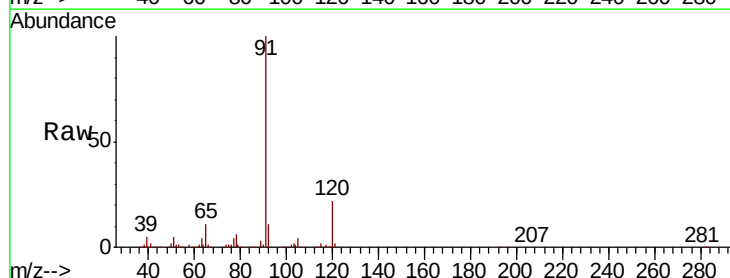
Acq: 13 Nov 2018 09:18

Tgt Ion: 91 Resp: 261332

Ion Ratio Lower Upper

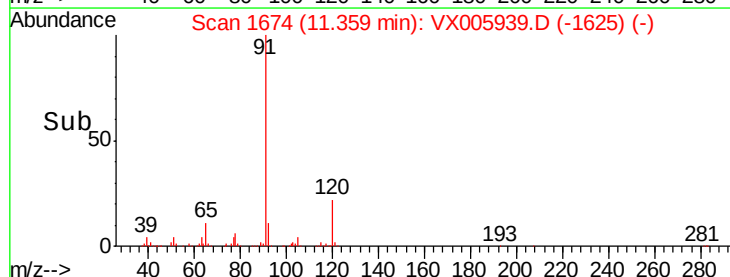
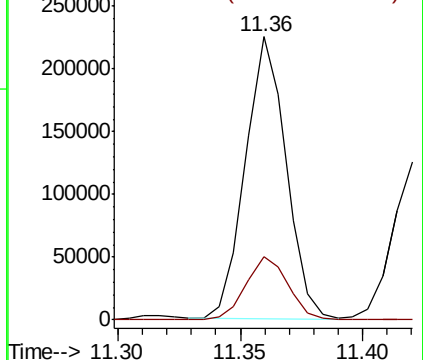
91 100

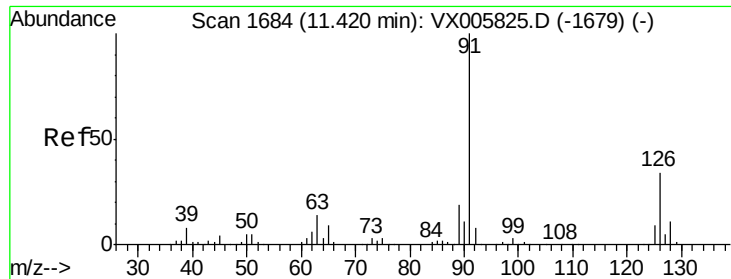
120 23.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.548 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 154752

Ion Ratio Lower Upper

91 100

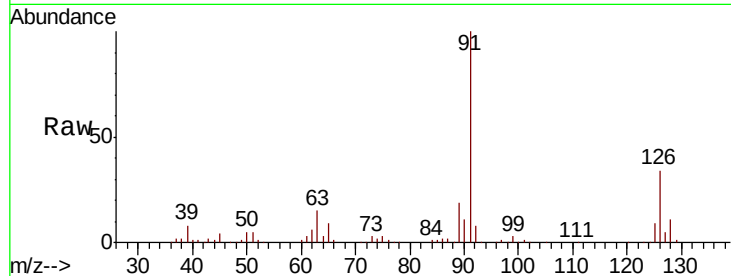
126 34.6 17.3 52.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX005825.D (-1679) (-)

250000

200000

150000

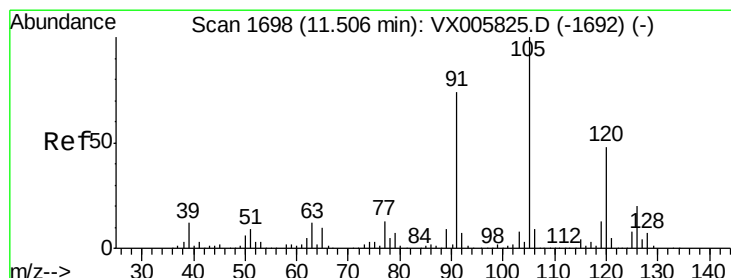
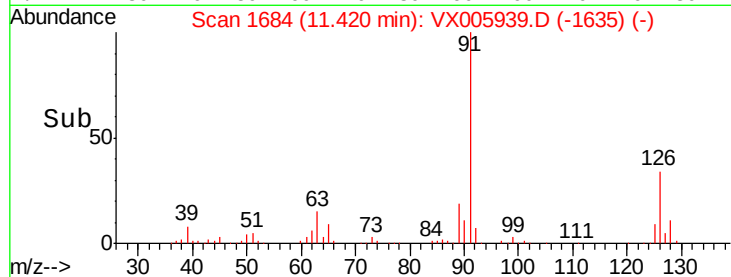
100000

50000

0

11.40 11.42 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 54.156 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005939.D

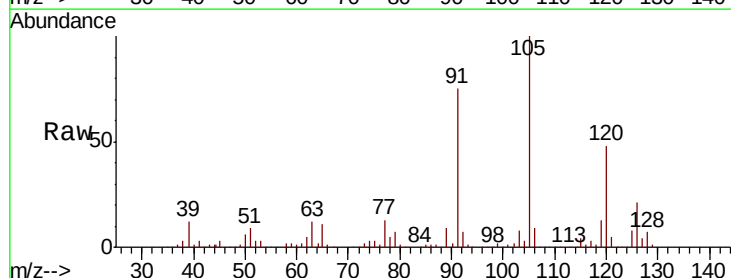
Acq: 13 Nov 2018 09:18

Tgt Ion: 105 Resp: 193952

Ion Ratio Lower Upper

105 100

120 48.1 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX005825.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX005825.D (-1692) (-)

150000

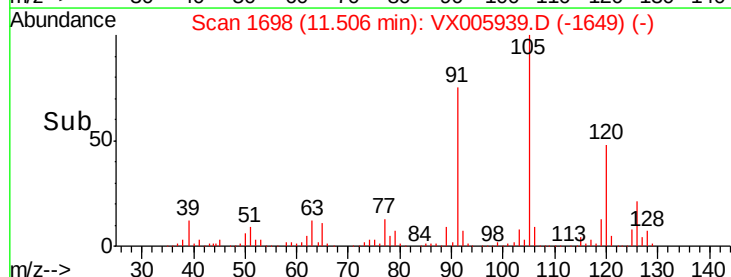
100000

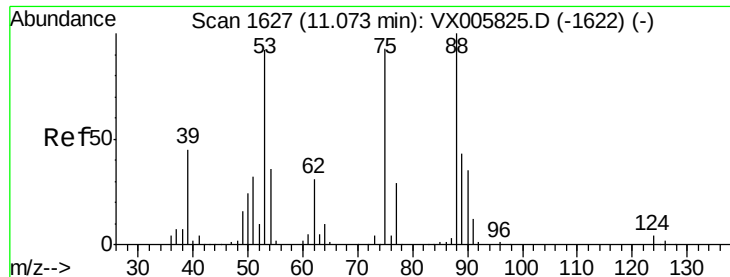
50000

0

11.50 11.51 11.52

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 45.037 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 20969

Ion Ratio Lower Upper

75 100

53 102.8 80.2 120.2

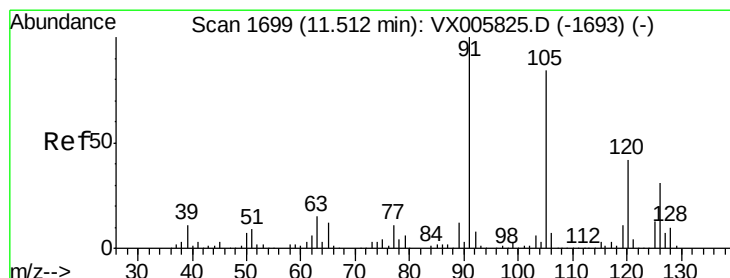
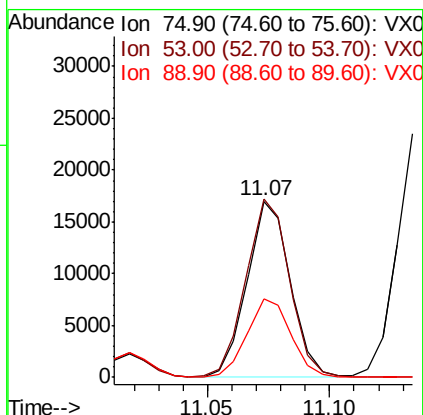
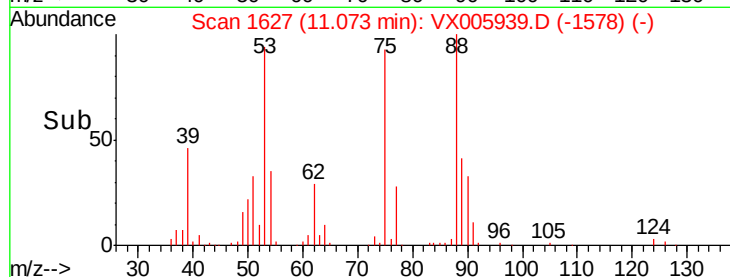
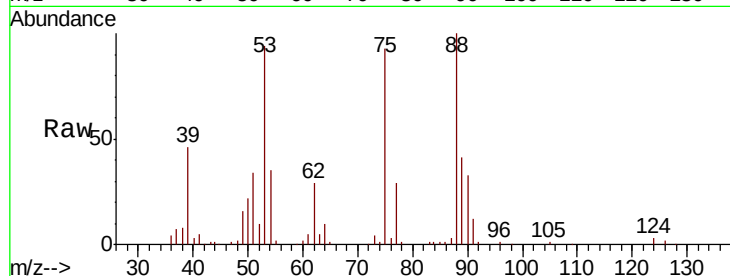
89 45.4 39.8 59.8

Manual Integrations

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#82

4-Chlorotoluene

Concen: 52.352 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005939.D

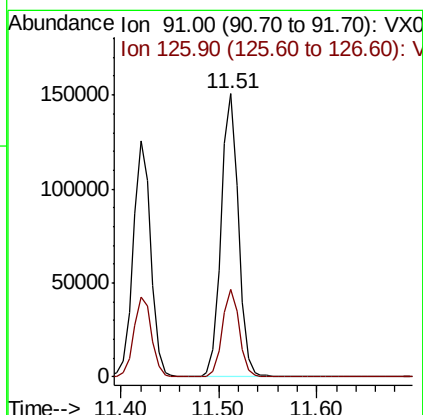
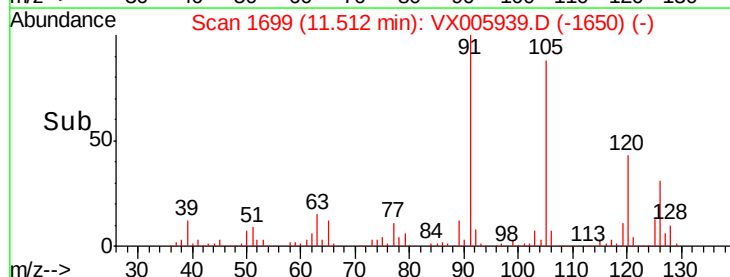
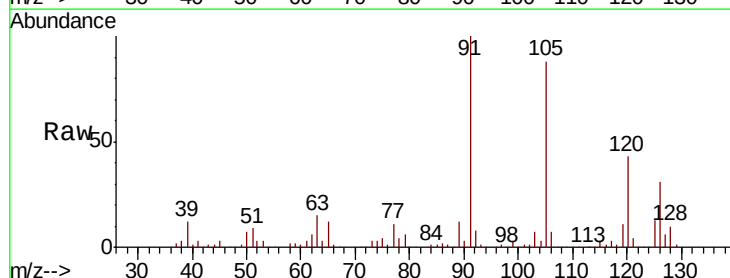
Acq: 13 Nov 2018 09:18

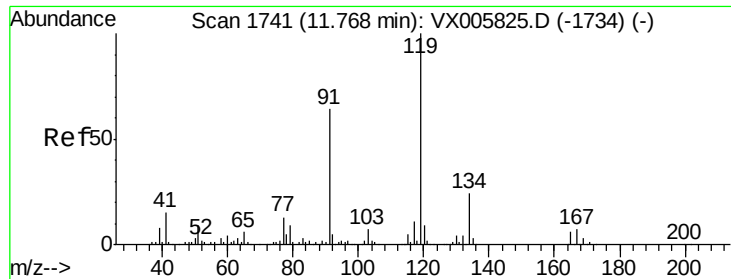
Tgt Ion: 91 Resp: 185226

Ion Ratio Lower Upper

91 100

126 30.3 15.2 45.6





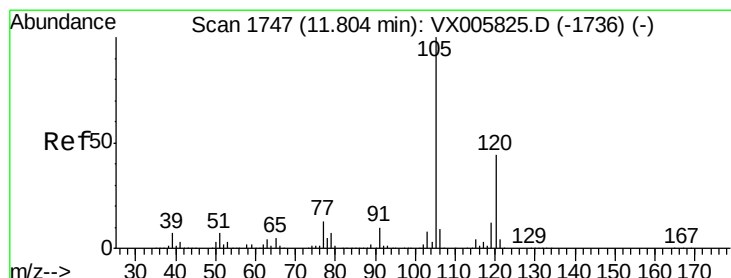
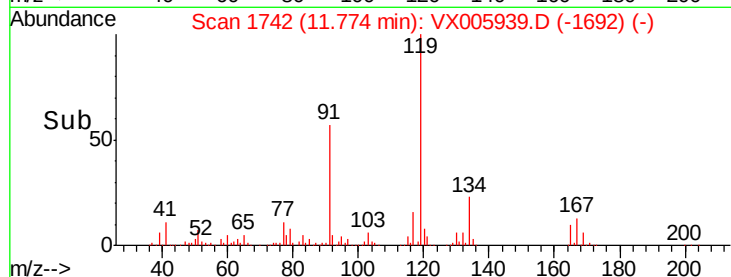
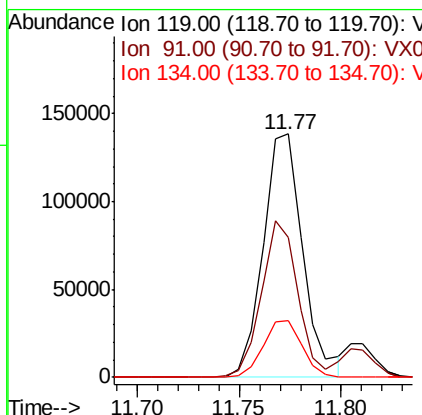
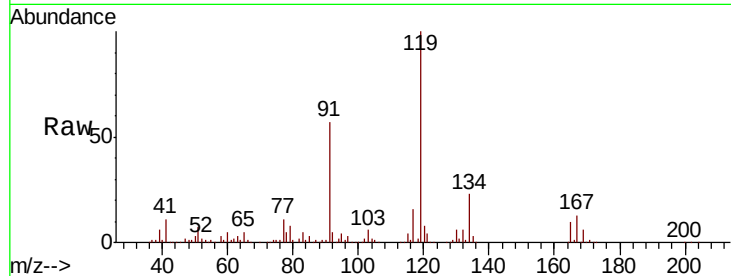
#83
 tert-Butylbenzene
 Concen: 51.923 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.01 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.6	28.5	85.5
134	22.7	11.3	33.8

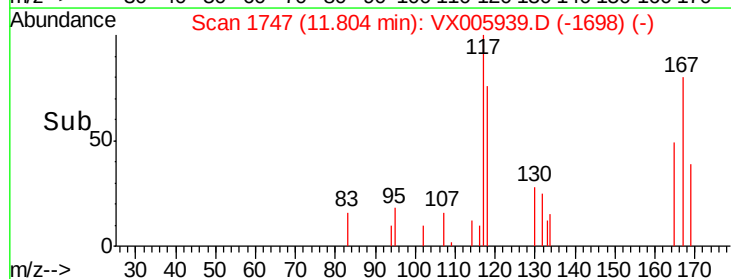
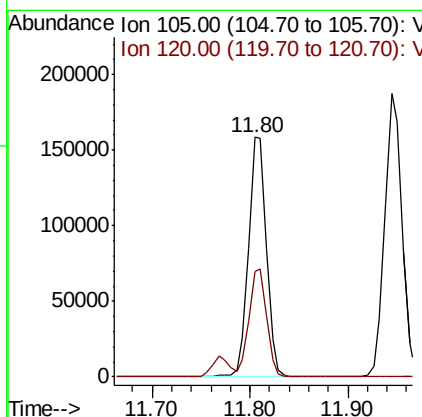
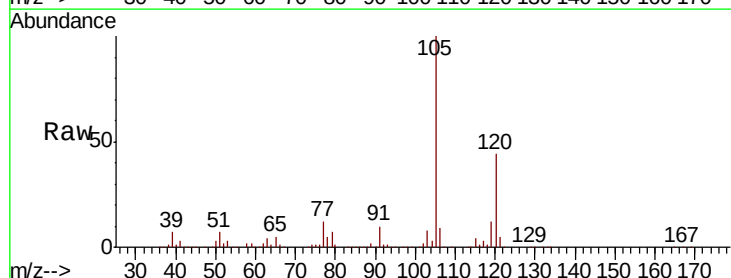
Manual Integrations
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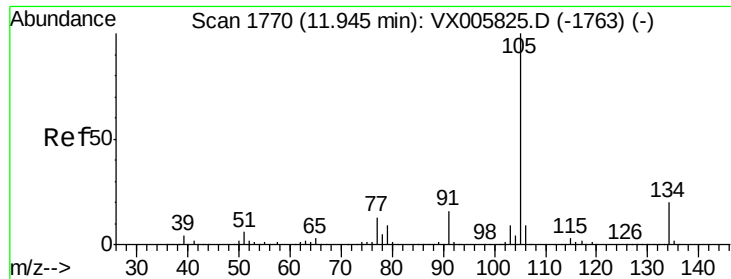
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.093 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.4	67.0





#85

sec-Butylbenzene

Concen: 51.786 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 229442

Ion Ratio Lower Upper

105 100

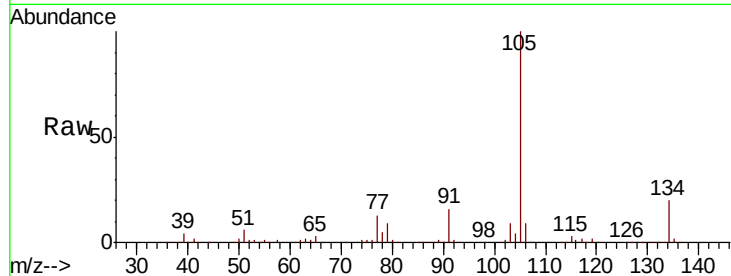
134 20.3 10.2 30.4

Manual Integrations

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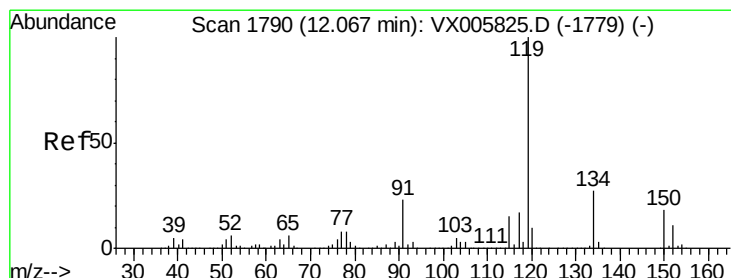
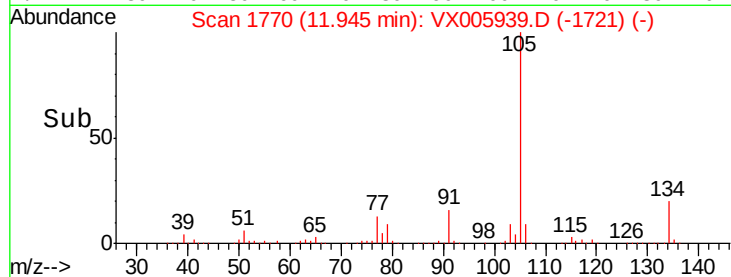
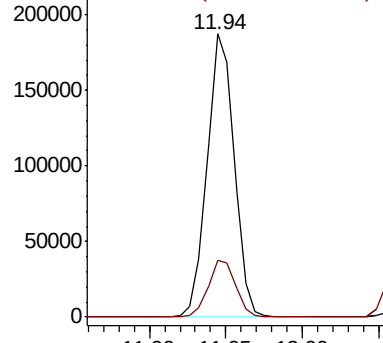
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.982 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005939.D

Acq: 13 Nov 2018 09:18

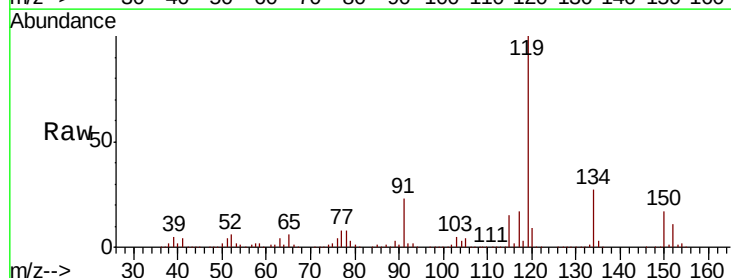
Tgt Ion:119 Resp: 207930

Ion Ratio Lower Upper

119 100

134 26.6 13.0 39.0

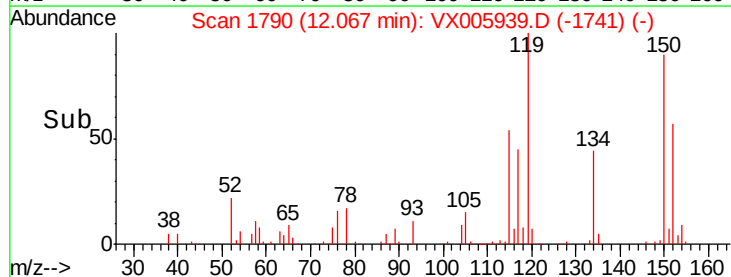
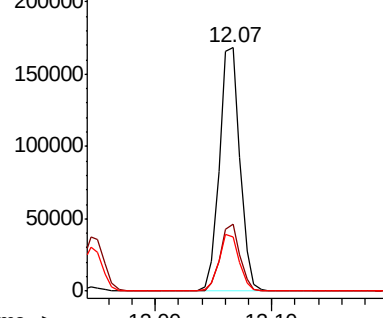
91 23.3 11.4 34.2

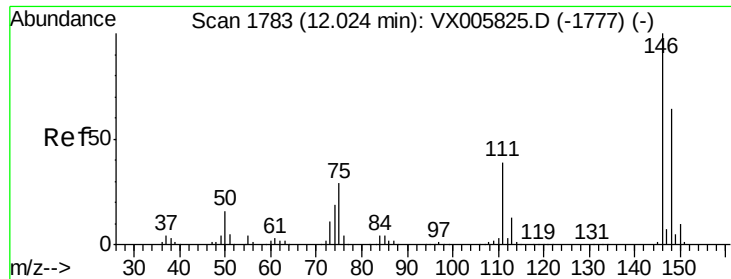


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





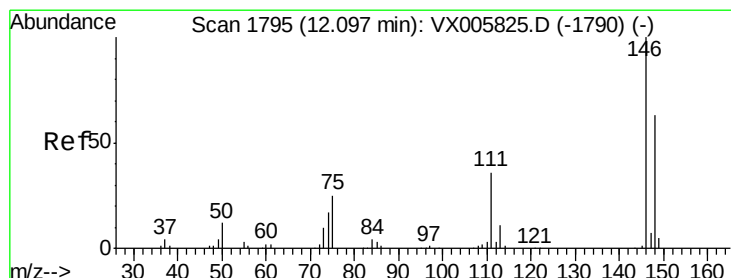
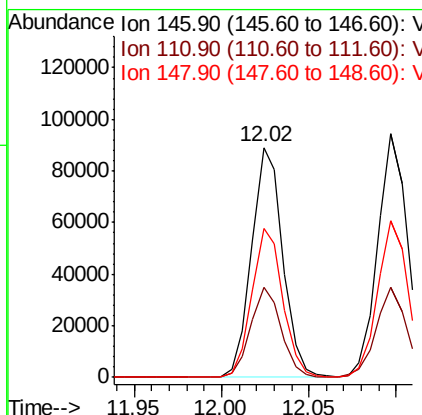
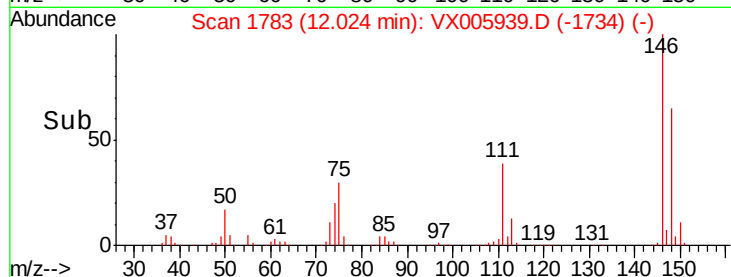
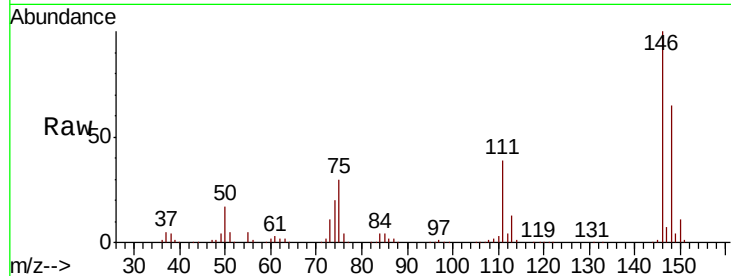
#87
 1,3-Dichlorobenzene
 Concen: 48.415 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.0	57.0
148	64.3	31.9	95.9

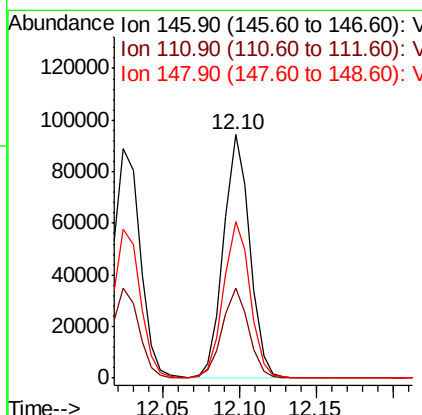
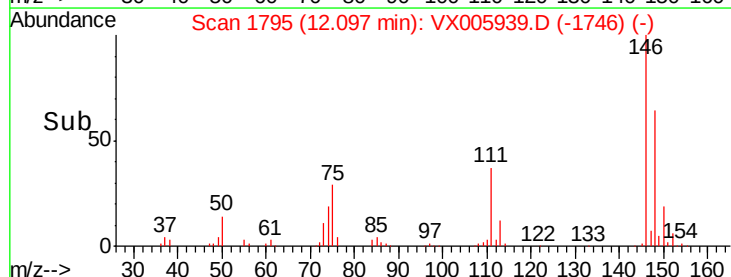
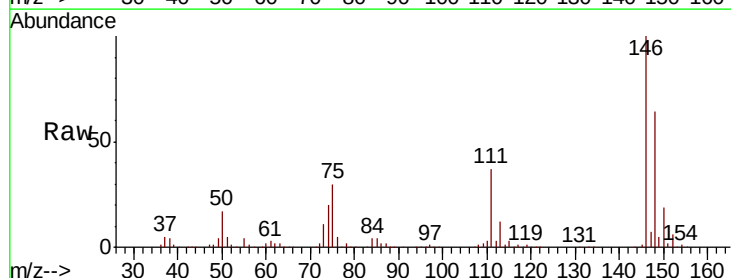
Manual Integrations
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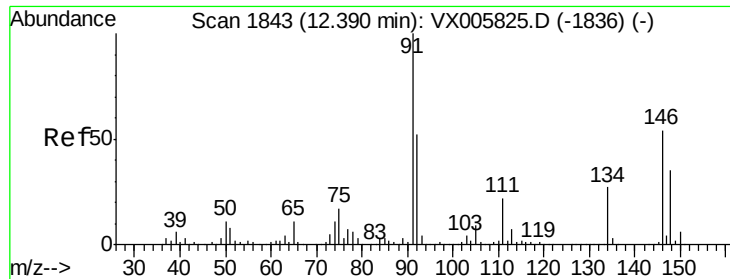
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#88
 1,4-Dichlorobenzene
 Concen: 48.288 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	55.8
148	65.2	32.1	96.3





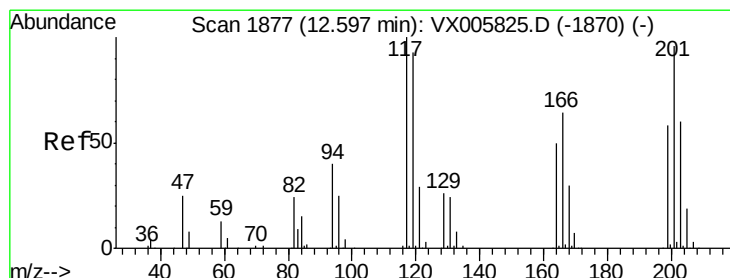
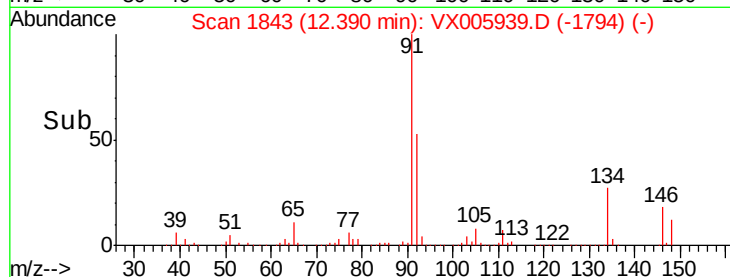
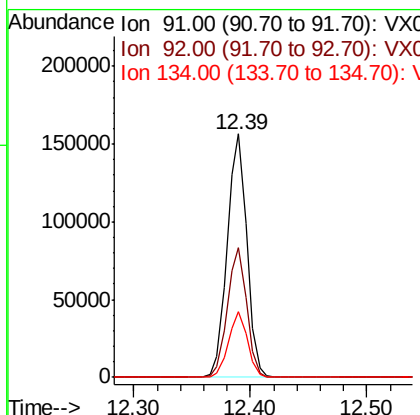
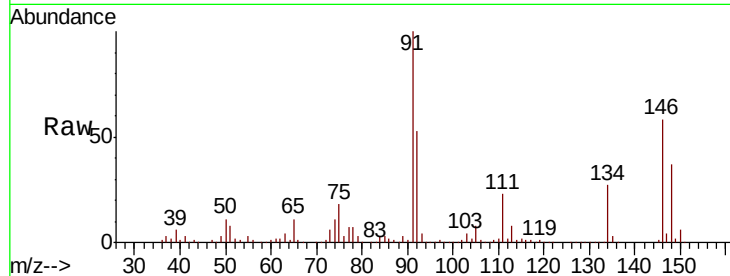
#89
n-Butylbenzene
Concen: 50.227 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	182688		
92	52.2	26.1	78.2	
134	26.1	13.1	39.3	

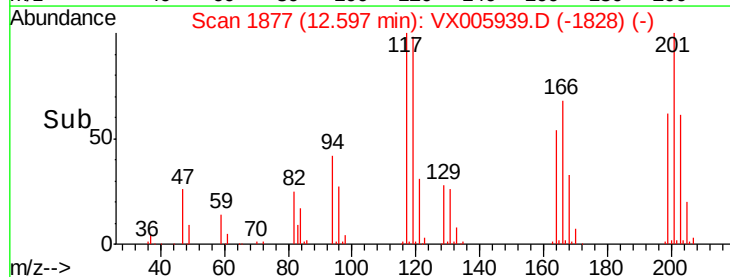
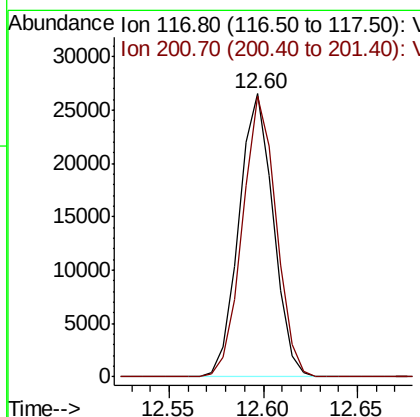
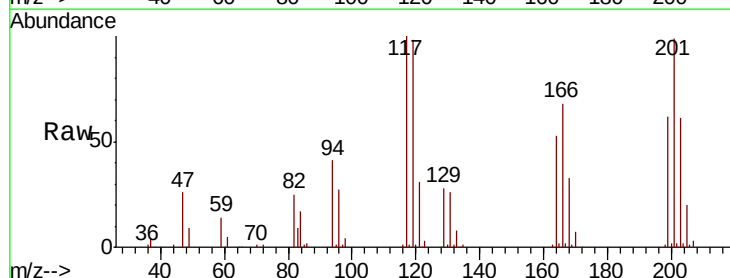
Manual Integrations
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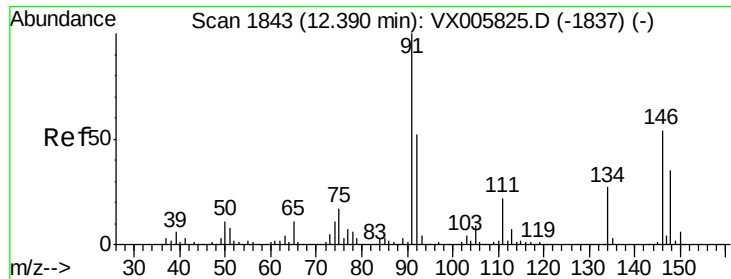
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#90
Hexachloroethane
Concen: 51.108 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	33487		
201	97.8	47.9	143.6	





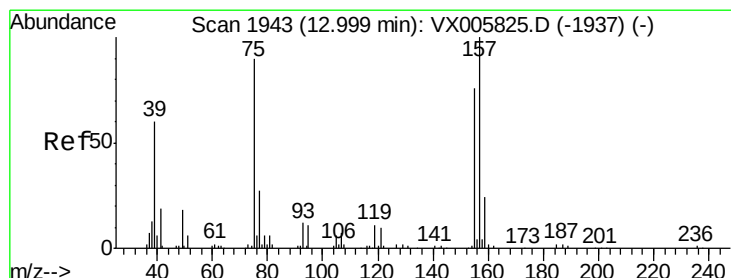
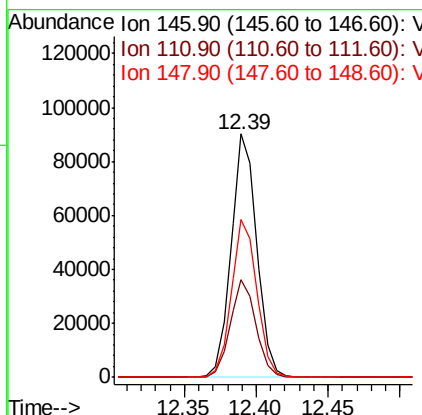
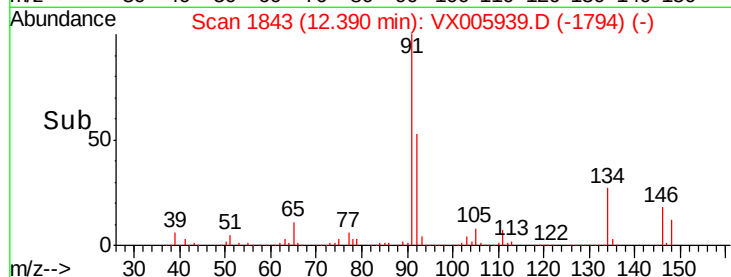
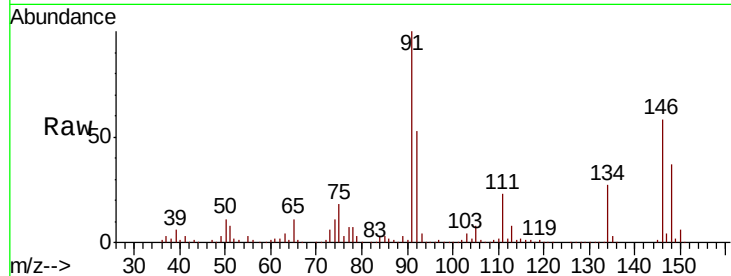
#91
 1,2-Dichlorobenzene
 Concen: 49.311 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.0	59.9
148	64.2	32.2	96.6

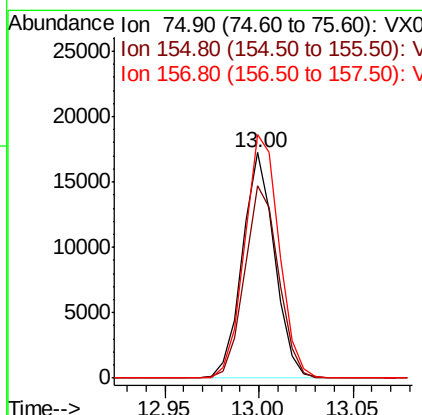
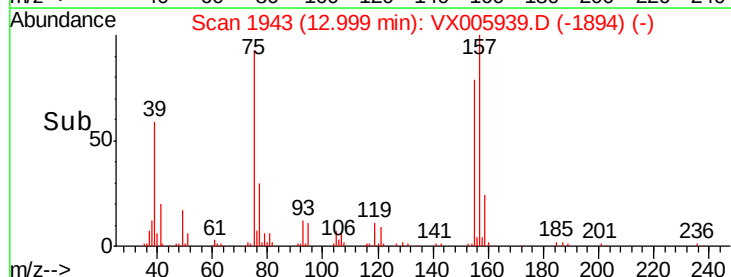
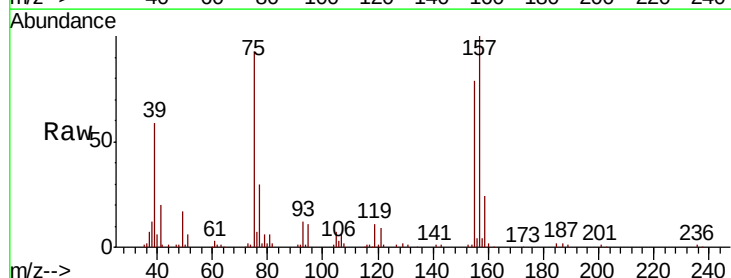
Manual Integrations
 APPROVED

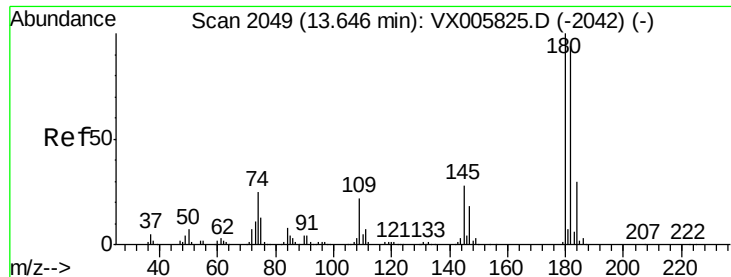
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 11/13/2018 1:24:09 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.170 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.5	45.4	136.1
157	115.4	57.4	172.0





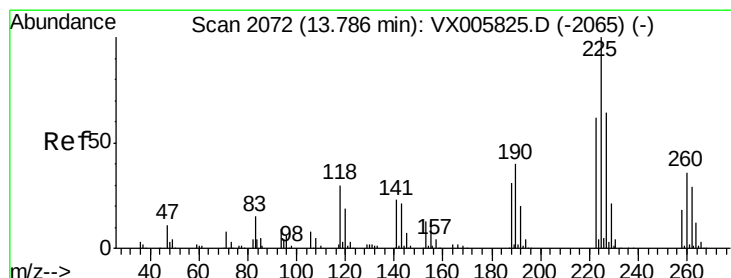
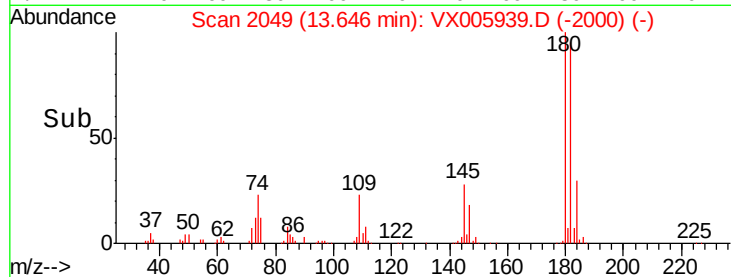
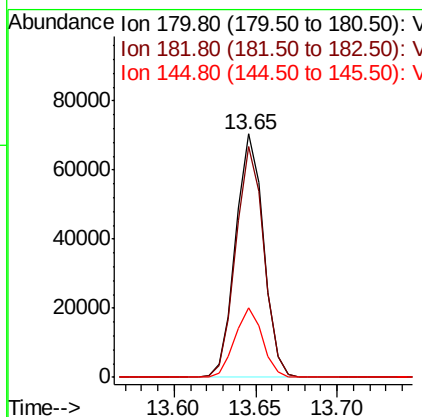
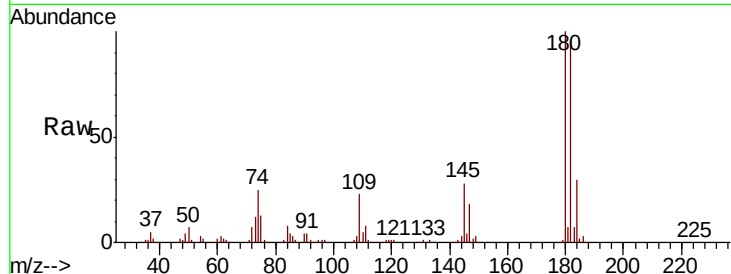
#93
 1,2,4-Trichlorobenzene
 Concen: 52.187 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.6	142.8
145	28.0	14.1	42.2

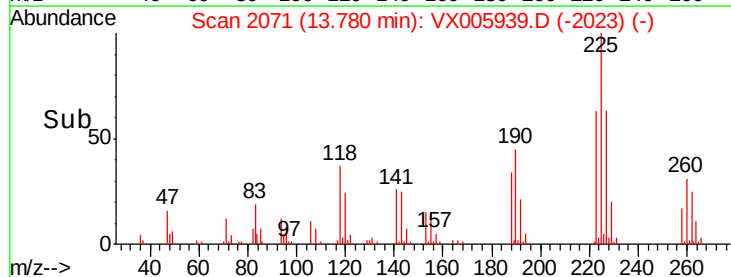
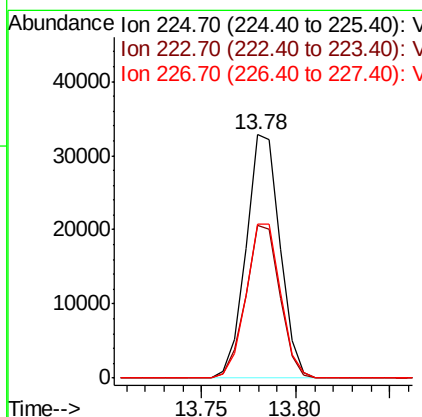
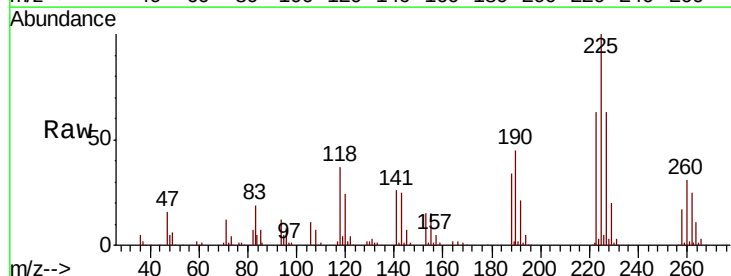
Manual Integrations
 APPROVED

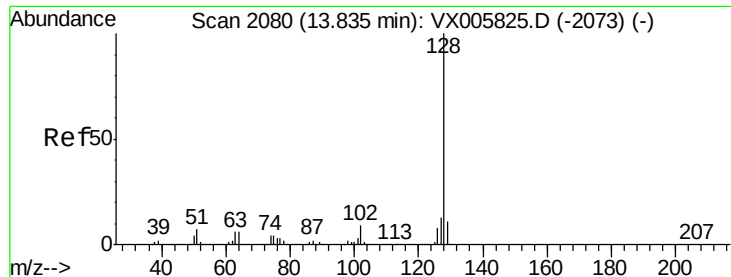
MMDadoda
 11/13/2018 1:24:09 PM



#94
 Hexachlorobutadiene
 Concen: 48.628 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005939.D
 Acq: 13 Nov 2018 09:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.7	95.1
227	64.2	32.3	96.9





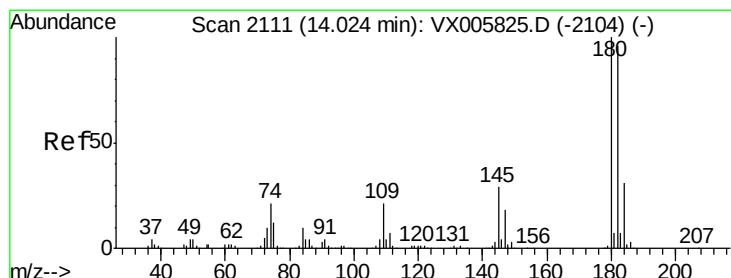
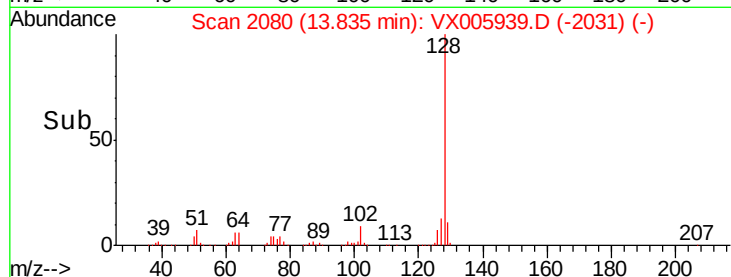
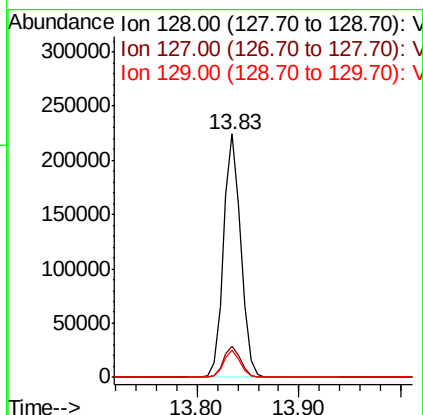
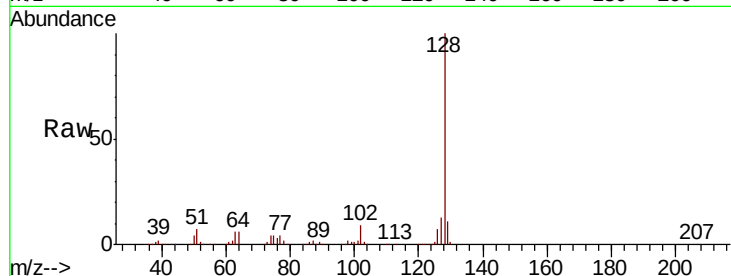
#95
Naphthalene
Concen: 50.219 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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

Manual Integrations
APPROVED

MMDadoda
11/13/2018 1:24:09 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.692 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005939.D
Acq: 13 Nov 2018 09:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.0	144.2
145	30.0	15.1	45.3

