

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091719\
 Data File : VX012433.D
 Acq On : 17 Sep 2019 13:56
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 17 14:16:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 13:57:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	160827	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	272465	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	251155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	125987	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	338175	145.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.84%	
35) Dibromofluoromethane	5.49	113	248294	150.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.40%	
50) Toluene-d8	8.71	98	916836	150.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.50%	
62) 4-Bromofluorobenzene	11.14	95	397581	158.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	317.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	160484	168.702	ug/l	99
3) Chloromethane	1.31	50	137858	157.156	ug/l	99
4) Vinyl Chloride	1.40	62	153099	162.415	ug/l	97
5) Bromomethane	1.62	94	54607	144.350	ug/l	97
6) Chloroethane	1.69	64	71032	94.985	ug/l	97
7) Trichlorofluoromethane	1.91	101	271091	155.733	ug/l	99
8) Diethyl Ether	2.18	74	115207	144.750	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	191267	151.082	ug/l	99
10) Methyl Iodide	2.49	142	174247	189.798	ug/l	97
11) Tert butyl alcohol	3.06	59	432363	685.613	ug/l	100
12) 1,1-Dichloroethene	2.35	96	157118	156.513	ug/l	96
13) Acrolein	2.28	56	153961	676.372	ug/l	99
14) Allyl chloride	2.71	41	373403	160.466	ug/l	99
15) Acrylonitrile	3.14	53	772604	778.386	ug/l	99
16) Acetone	2.44	43	766777	641.611	ug/l	99
17) Carbon Disulfide	2.55	76	221321	183.222	ug/l	99
18) Methyl Acetate	2.76	43	361014	150.367	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	831395	150.967	ug/l	99
20) Methylene Chloride	2.84	84	206079	147.284	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	162640	155.915	ug/l	96
22) Diisopropyl ether	3.85	45	824639	149.535	ug/l	90
23) Vinyl Acetate	3.81	43	3575116	796.680	ug/l	99
24) 1,1-Dichloroethane	3.68	63	405242	154.418	ug/l	98
25) 2-Butanone	4.67	43	1178234	734.352	ug/l	99
26) 2,2-Dichloropropane	4.57	77	383229	147.317	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	239641	153.351	ug/l	98
28) Bromochloromethane	5.01	49	190256	138.085	ug/l	99
29) Tetrahydrofuran	5.12	42	691276	789.492	ug/l	100
30) Chloroform	5.20	83	443763	145.841	ug/l	97
31) Cyclohexane	5.57	56	249674	158.640	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	387110	153.522	ug/l	100
36) 1,1-Dichloropropene	5.79	75	253189	153.493	ug/l	98
37) Ethyl Acetate	4.83	43	416239	166.815	ug/l	99
38) Carbon Tetrachloride	5.78	117	320778	156.960	ug/l	99

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 ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	263088	166.413	ug/l	99
40) Benzene	6.13	78	813144	155.338	ug/l	99
41) Methacrylonitrile	5.03	41	246282	150.572	ug/l	99
42) 1,2-Dichloroethane	6.18	62	360724	147.246	ug/l	100
43) Isopropyl Acetate	6.43	43	719108	159.245	ug/l	100
44) Trichloroethene	7.20	130	214741	156.076	ug/l	93
45) 1,2-Dichloropropane	7.51	63	244340	151.244	ug/l	98
46) Dibromomethane	7.65	93	159190	152.478	ug/l	99
47) Bromodichloromethane	7.89	83	371834	161.567	ug/l	98
48) Methyl methacrylate	7.76	41	343751	161.971	ug/l	99
49) 1,4-Dioxane	7.73	88	159953	3067.487	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2358897	796.625	ug/l	99
52) Toluene	8.78	92	527792	156.709	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	408244	172.739	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	409401	166.127	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	267238	153.462	ug/l	98
56) Ethyl methacrylate	9.17	69	457139	171.198	ug/l	99
57) 1,3-Dichloropropane	9.37	76	430317	155.171	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1139764	817.740	ug/l	100
59) 2-Hexanone	9.49	43	1818338	785.112	ug/l	98
60) Dibromochloromethane	9.58	129	303845	175.469	ug/l	99
61) 1,2-Dibromoethane	9.67	107	255472	162.182	ug/l	99
64) Tetrachloroethene	9.33	164	168159	145.359	ug/l	97
65) Chlorobenzene	10.14	112	637552	154.585	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	277939	164.083	ug/l	100
67) Ethyl Benzene	10.25	91	1106417	156.472	ug/l	99
68) m/p-Xylenes	10.35	106	818999	319.478	ug/l	99
69) o-Xylene	10.70	106	422438	160.339	ug/l	100
70) Styrene	10.71	104	787380	170.865	ug/l	98
71) Bromoform	10.85	173	234131	190.061	ug/l #	98
73) Isopropylbenzene	11.01	105	1192368	151.007	ug/l	100
74) N-amyl acetate	10.89	43	675693	160.645	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	468736	151.395	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	557944	192.983	ug/l	88
77) Bromobenzene	11.25	156	300620	157.177	ug/l	99
78) n-propylbenzene	11.35	91	1382939	158.438	ug/l	100
79) 2-Chlorotoluene	11.42	91	859848	150.021	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1039899	155.129	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	165255	175.316	ug/l	97
82) 4-Chlorotoluene	11.51	91	1005682	153.470	ug/l	100
83) tert-Butylbenzene	11.77	119	1085745	150.357	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1073614	156.161	ug/l	99
85) sec-Butylbenzene	11.94	105	1244403	157.656	ug/l	99
86) p-Isopropyltoluene	12.06	119	1163665	161.175	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	566339	157.462	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	568311	153.082	ug/l	99
89) n-Butylbenzene	12.38	91	1050077	163.406	ug/l	99
90) Hexachloroethane	12.59	117	227580	174.406	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	560447	147.442	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	129149	162.961	ug/l	98

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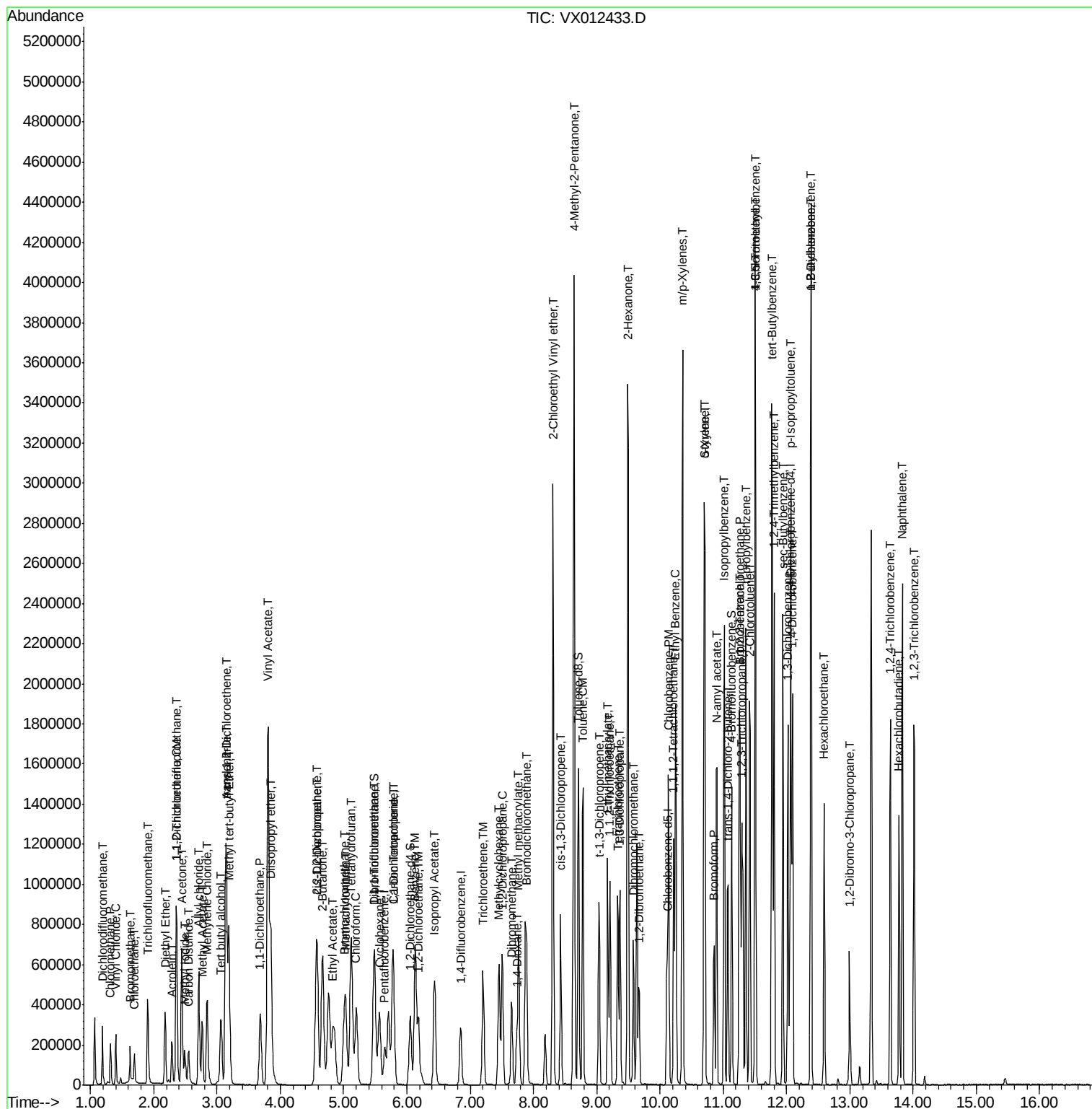
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

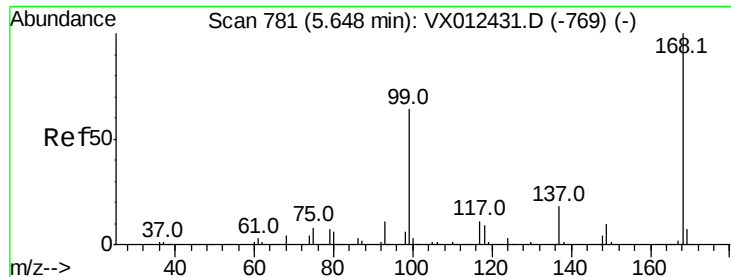
Quant Time: Sep 17 14:16:32 2019
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Quant Title : SW846 8260
QLast Update : Tue Sep 17 13:57:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	401152	167.507	ug/l	99
94) Hexachlorobutadiene	13.78	225	179336	157.077	ug/l	99
95) Naphthalene	13.83	128	1435126	168.620	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	400499	163.372	ug/l	99

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

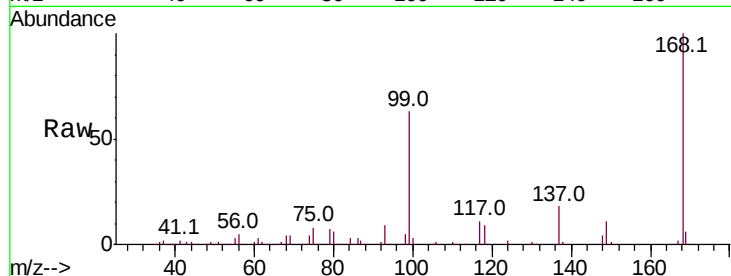
VSTDIC150

Tot Ion:168 Resp: 160827

Ion Ratio Lower Upper

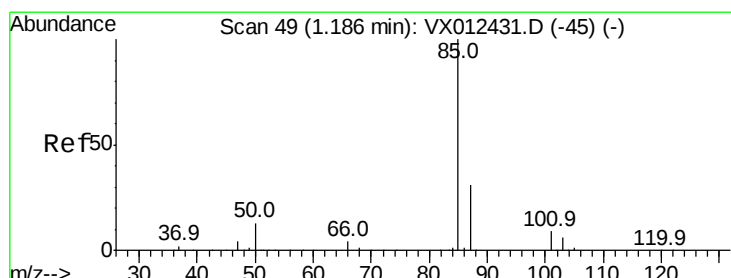
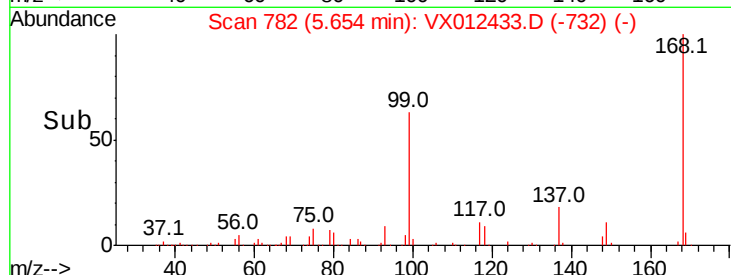
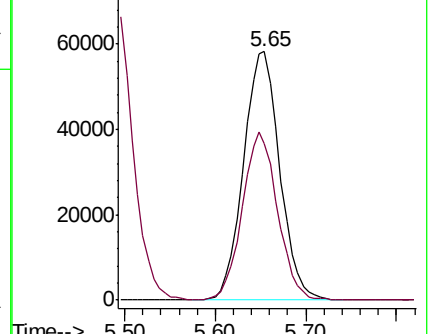
168 100

99 62.6 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 168.702 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012433.D

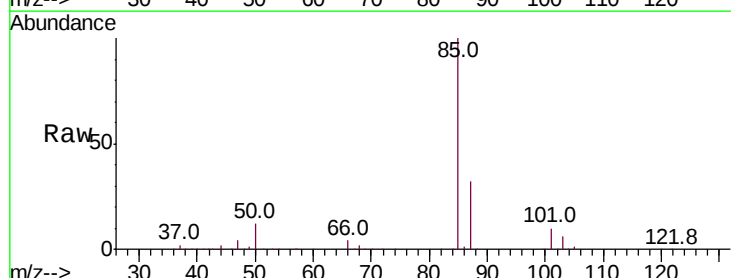
Acq: 17 Sep 2019 13:56

Tgt Ion: 85 Resp: 160484

Ion Ratio Lower Upper

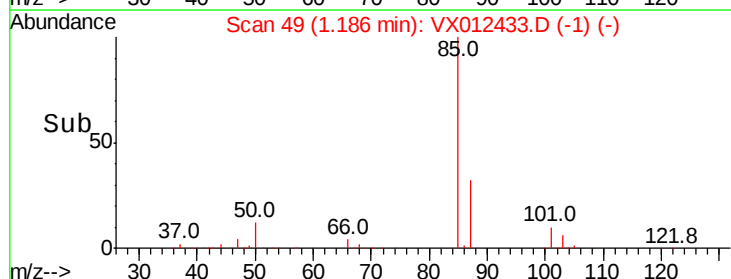
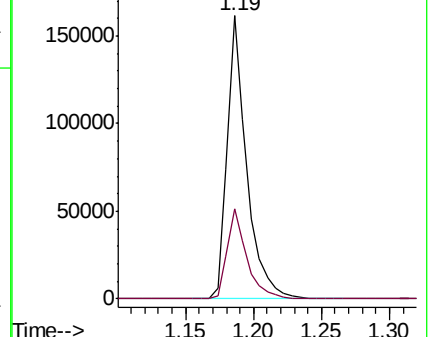
85 100

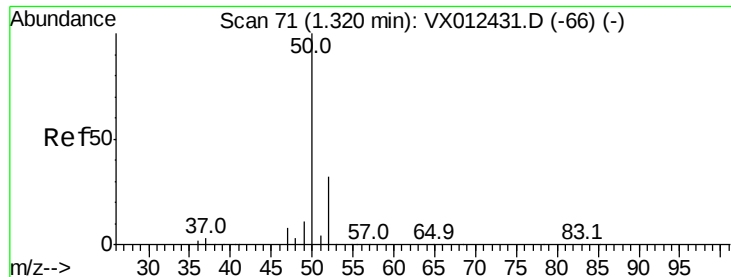
87 31.9 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 157.156 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

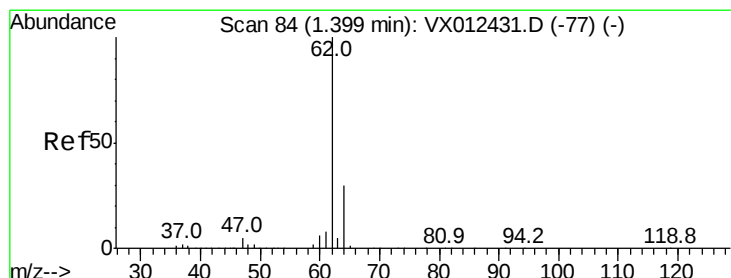
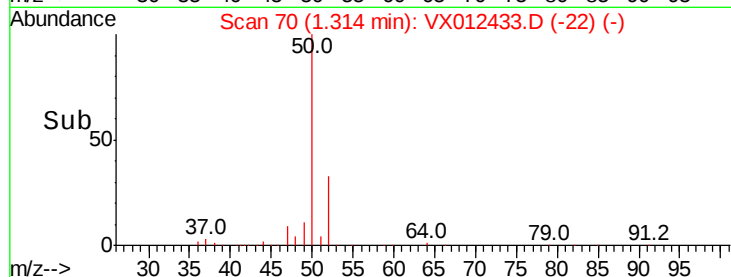
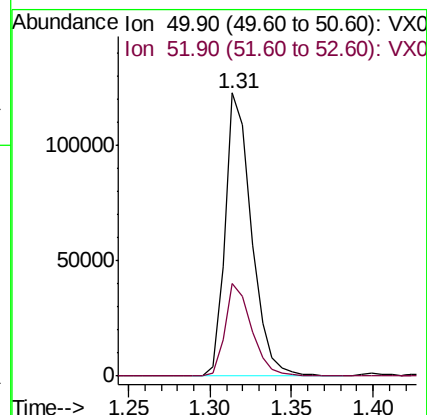
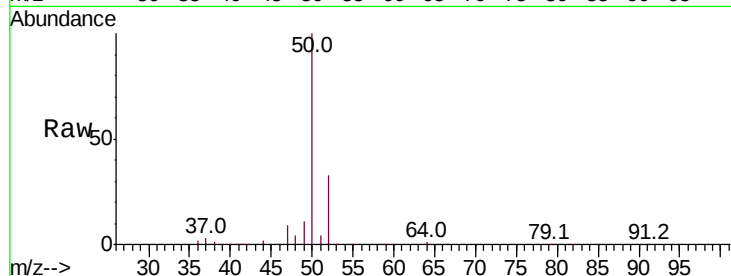
VSTDIC150

Tot Ion: 50 Resp: 137858

Ion Ratio Lower Upper

50 100

52 32.8 25.7 38.5



#4

Vinyl Chloride

Concen: 162.415 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012433.D

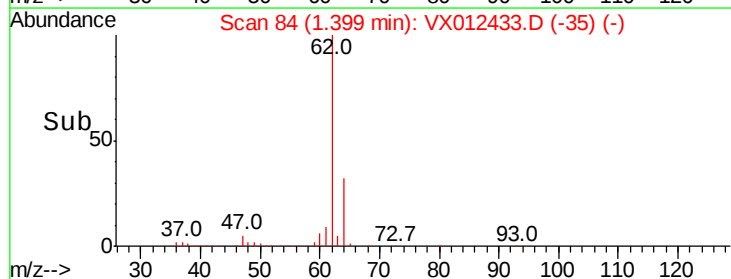
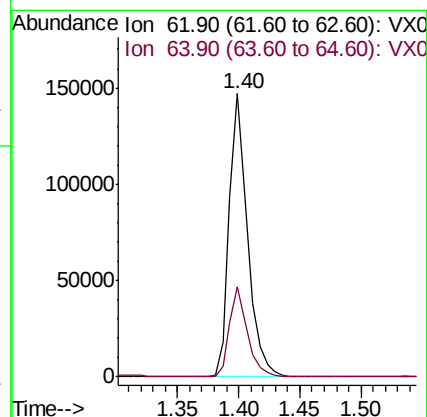
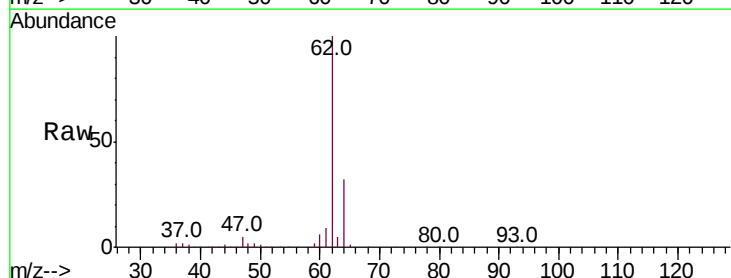
Acq: 17 Sep 2019 13:56

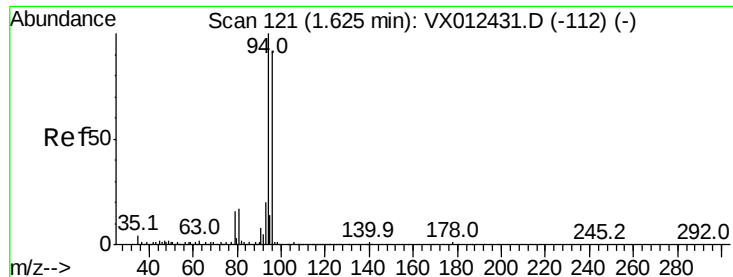
Tgt Ion: 62 Resp: 153099

Ion Ratio Lower Upper

62 100

64 31.8 24.2 36.2





#5

Bromomethane

Concen: 144.350 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

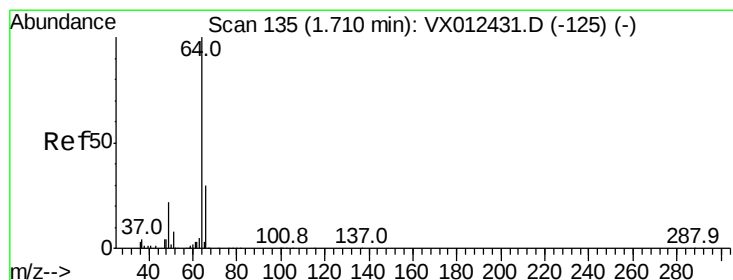
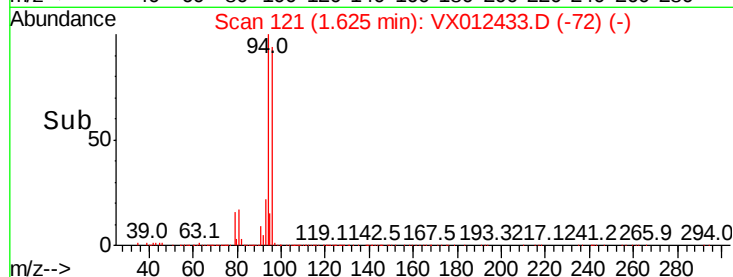
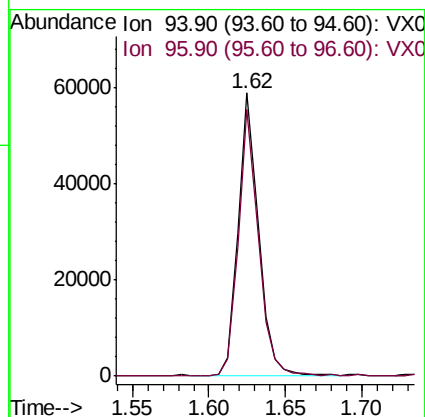
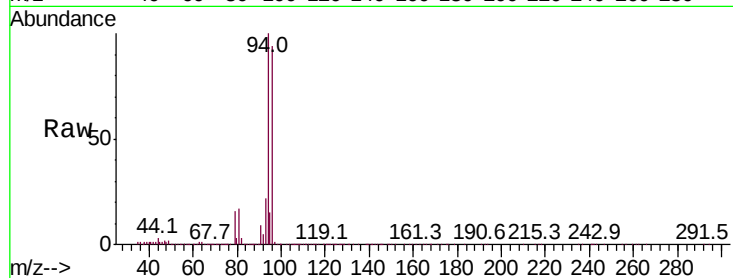
VSTDIC150

Tot Ion: 94 Resp: 54607

Ion Ratio Lower Upper

94 100

96 94.1 72.8 109.2



#6

Chloroethane

Concen: 94.985 ug/l

RT: 1.69 min Scan# 132

Delta R.T. -0.02 min

Lab File: VX012433.D

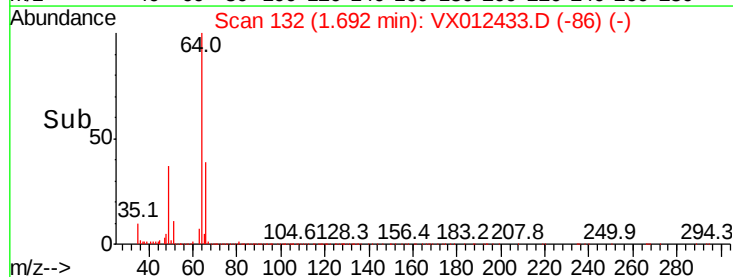
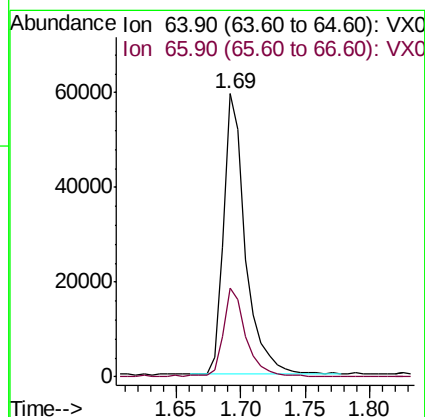
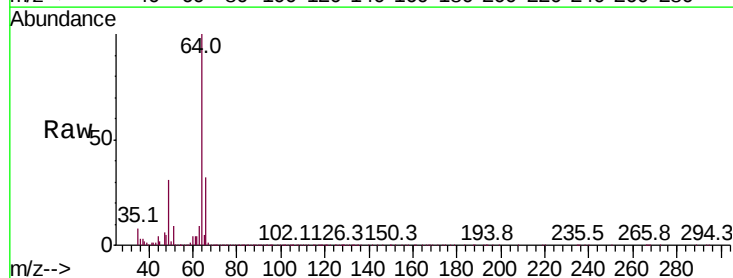
Acq: 17 Sep 2019 13:56

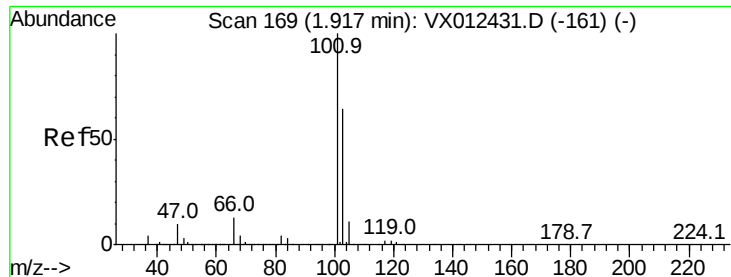
Tgt Ion: 64 Resp: 71032

Ion Ratio Lower Upper

64 100

66 31.7 24.0 36.0



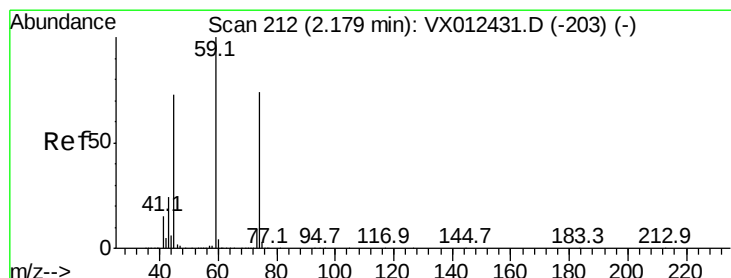
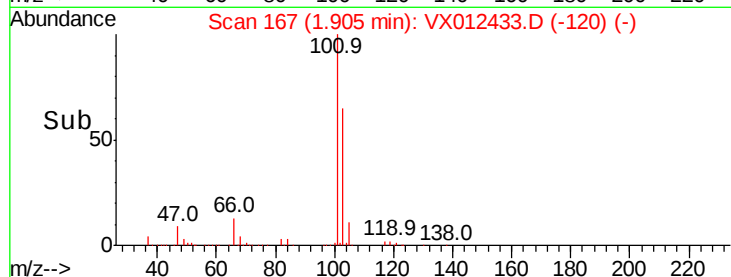
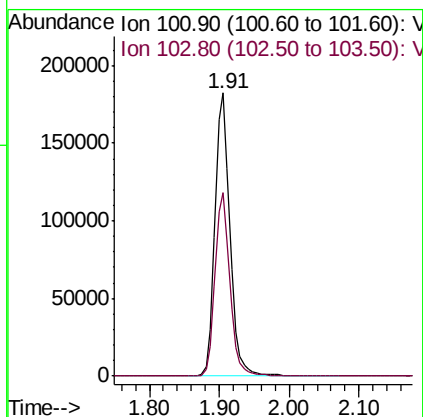
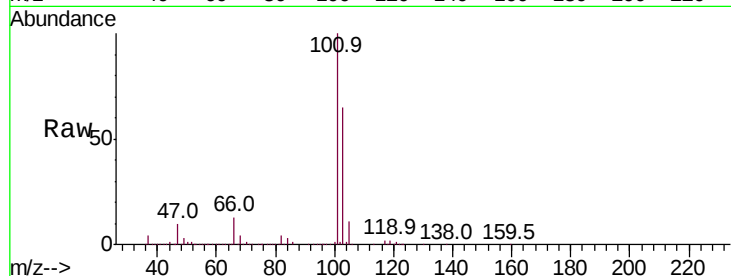


#7

Trichlorofluoromethane
Concen: 155.733 ug/l
RT: 1.91 min Scan# 167
Delta R.T. -0.01 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Instrument :
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VSTDIC150

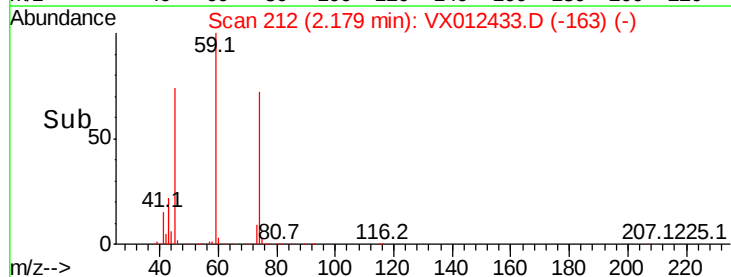
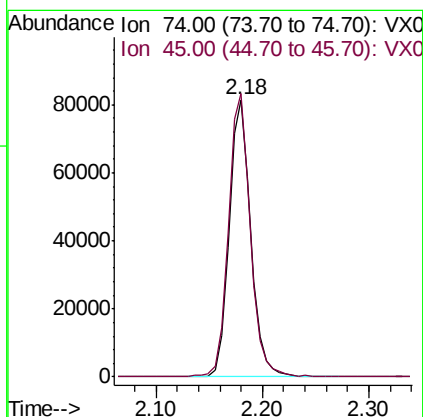
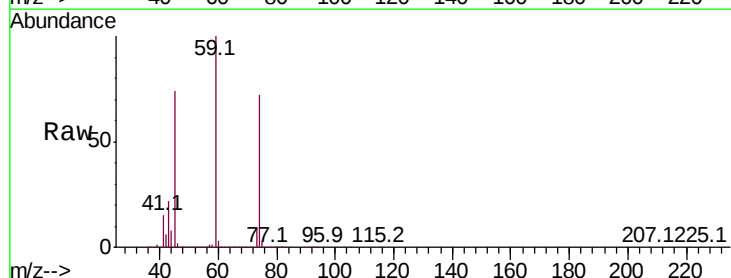
Tot Ion:101 Resp: 271091
Ion Ratio Lower Upper
101 100
103 64.8 51.0 76.4

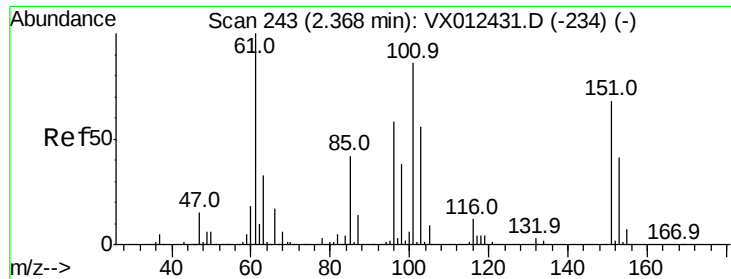


#8

Diethyl Ether
Concen: 144.750 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Tgt Ion: 74 Resp: 115207
Ion Ratio Lower Upper
74 100
45 103.5 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 151.082 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

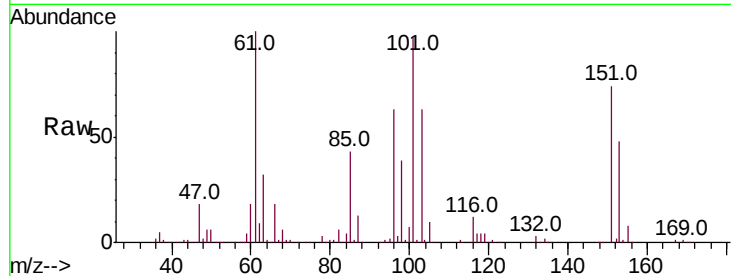
Tot Ion:101 Resp: 191267

Ion Ratio Lower Upper

101 100

85 44.8 37.3 55.9

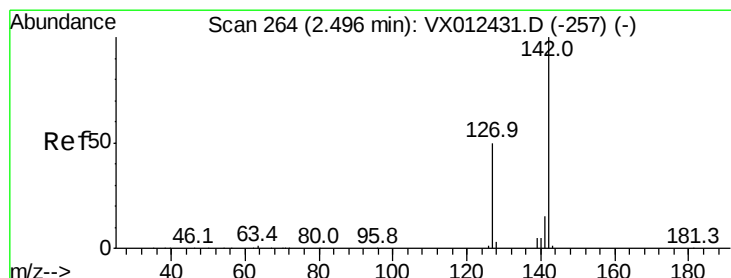
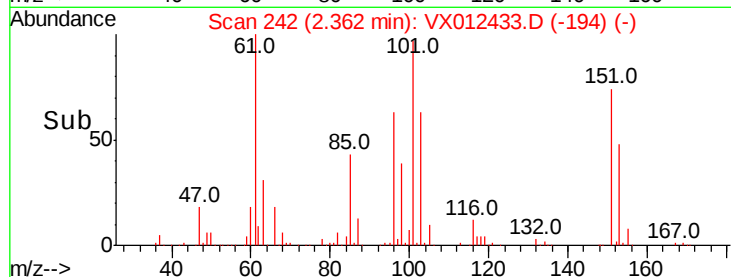
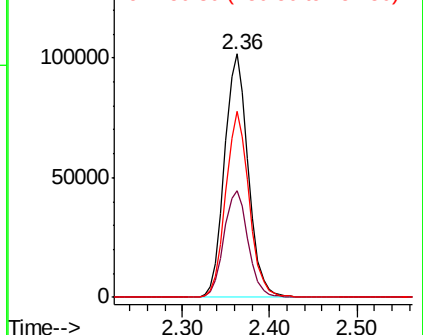
151 75.6 61.0 91.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 189.798 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.01 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

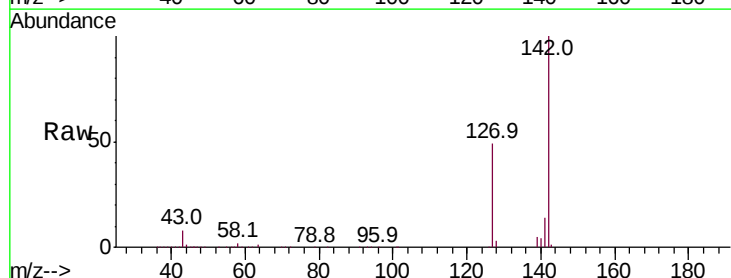
Tgt Ion:142 Resp: 174247

Ion Ratio Lower Upper

142 100

127 48.4 40.8 61.2

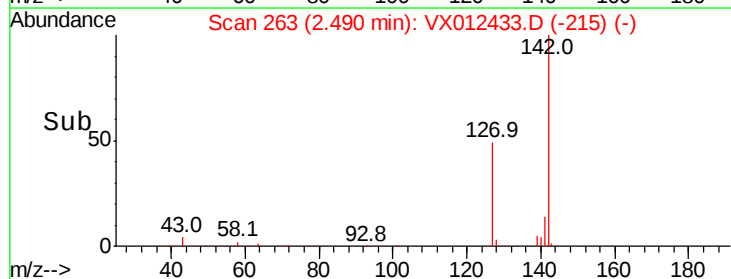
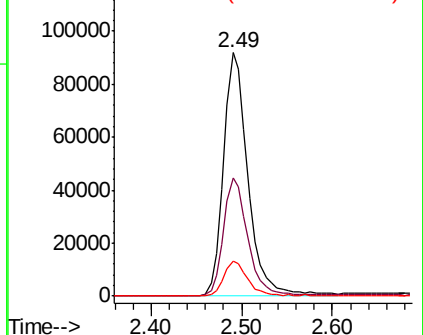
141 14.3 12.1 18.1

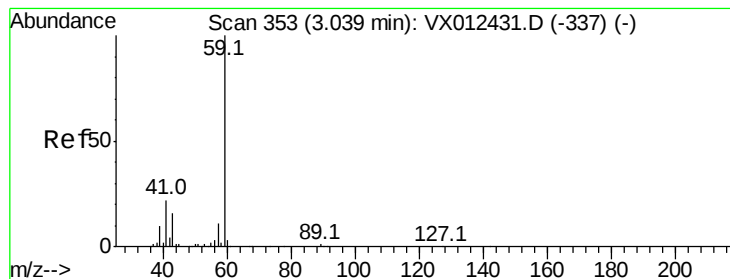


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



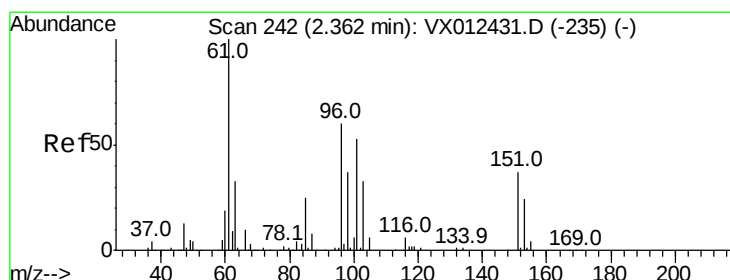
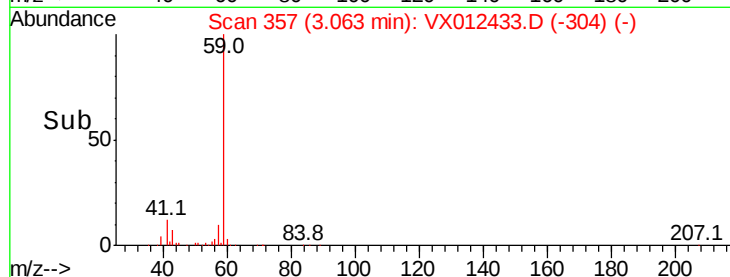
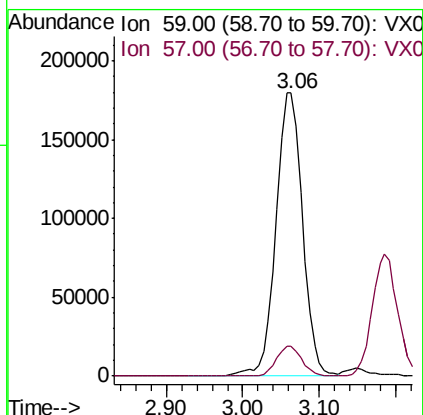
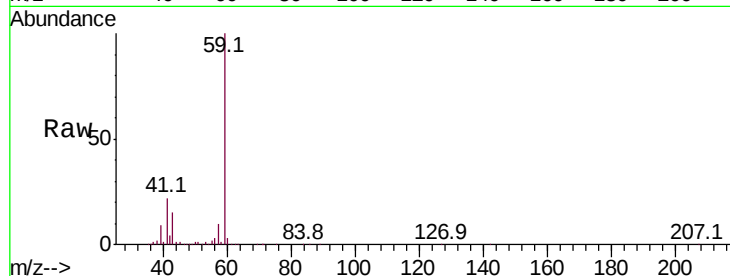


#11

Tert butyl alcohol
Concen: 685.613 ug/l
RT: 3.06 min Scan# 357
Delta R.T. 0.02 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

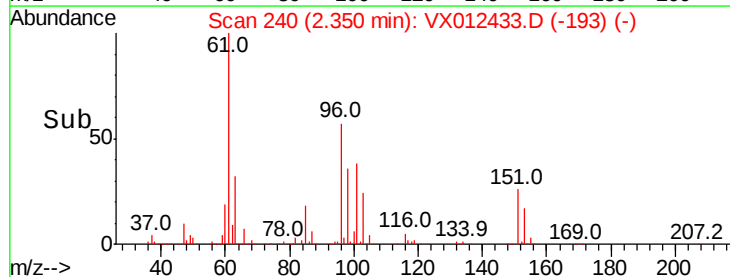
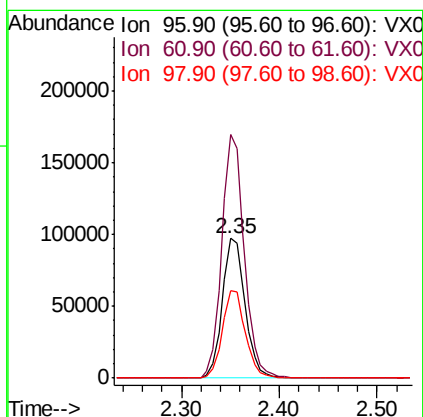
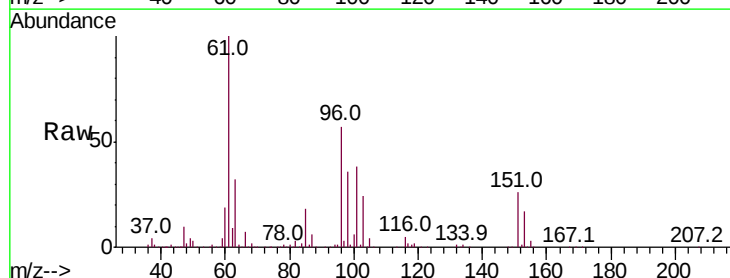
Tot Ion: 59 Resp: 432363
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

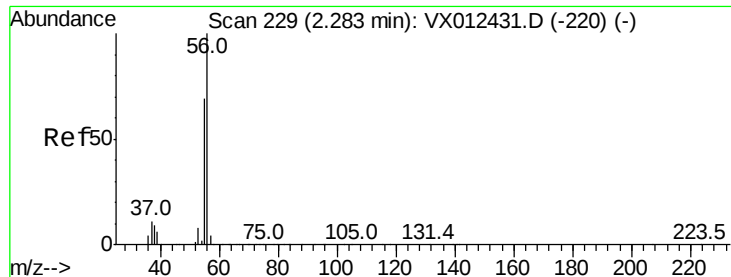


#12

1,1-Dichloroethene
Concen: 156.513 ug/l
RT: 2.35 min Scan# 240
Delta R.T. -0.01 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Tgt Ion: 96 Resp: 157118
Ion Ratio Lower Upper
96 100
61 174.8 133.8 200.6
98 63.0 49.9 74.9

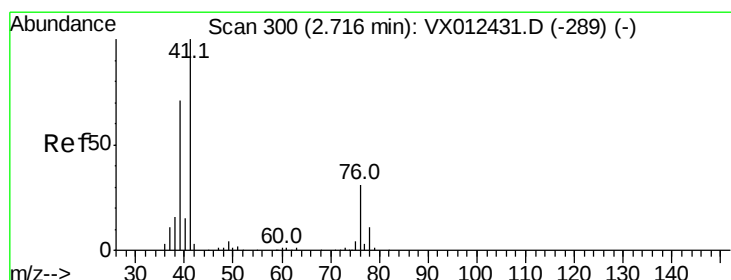
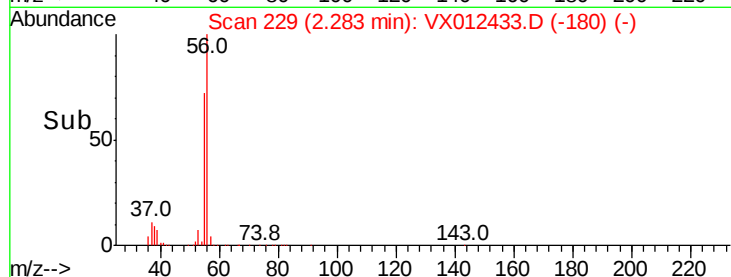
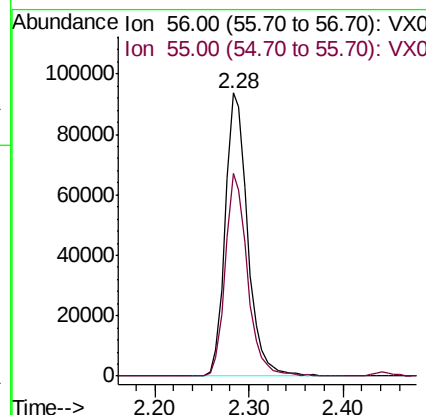
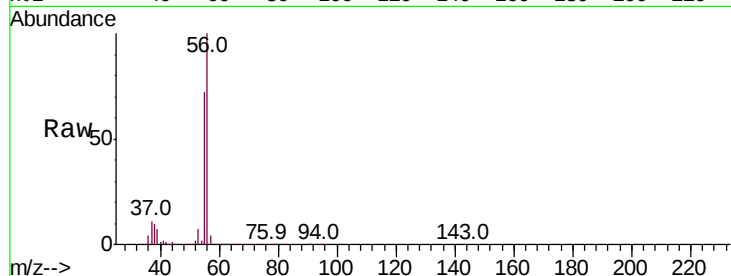




#13
Acrolein
Concen: 676.372 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

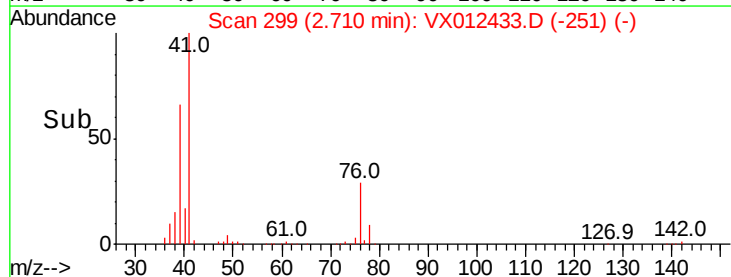
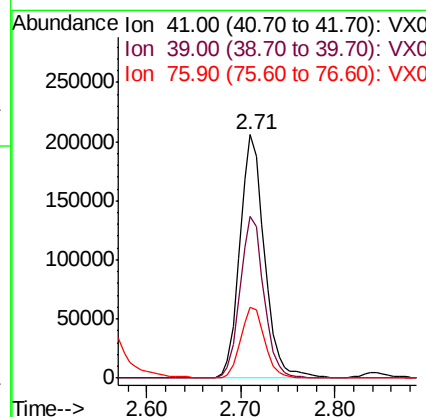
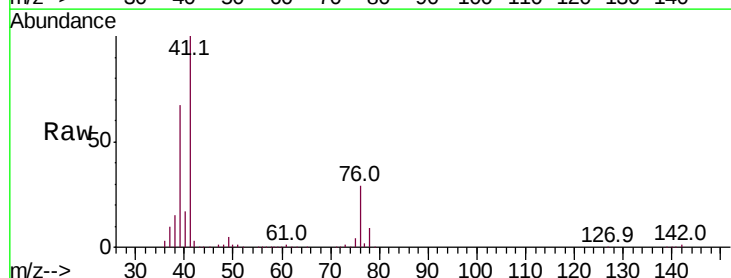
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

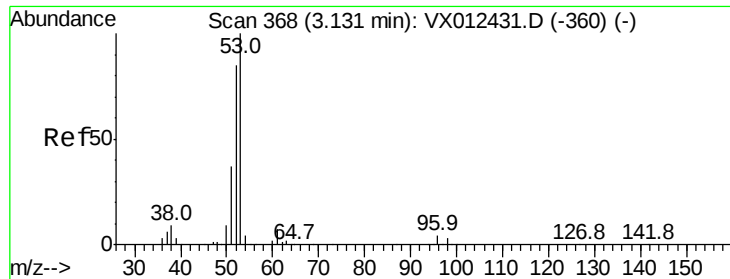
Tot Ion: 56 Resp: 153961
Ion Ratio Lower Upper
56 100
55 70.7 55.8 83.8



#14
Allyl chloride
Concen: 160.466 ug/l
RT: 2.71 min Scan# 299
Delta R.T. -0.01 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Tgt Ion: 41 Resp: 373403
Ion Ratio Lower Upper
41 100
39 64.5 51.3 76.9
76 28.5 22.6 33.8



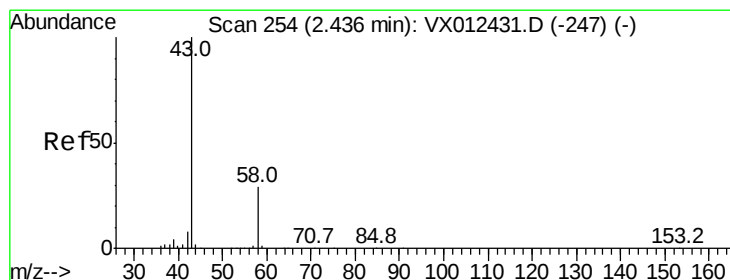
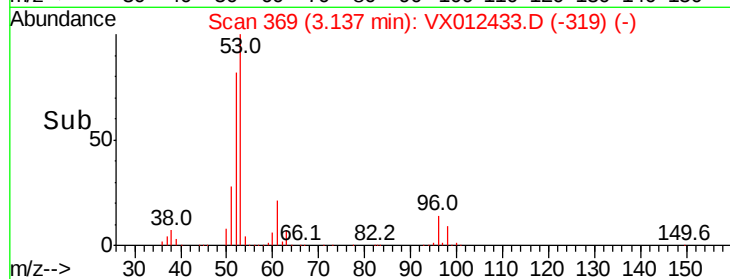
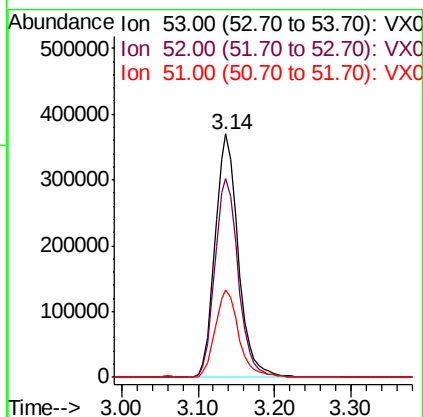
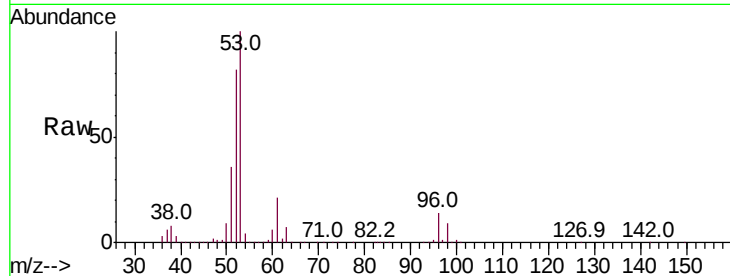


#15
 Acrylonitrile
 Concen: 778.386 ug/l
 RT: 3.14 min Scan# 369
 Delta R.T. 0.01 min
 Lab File: VX012433.D
 Acq: 17 Sep 2019 13:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 53 Resp: 772604

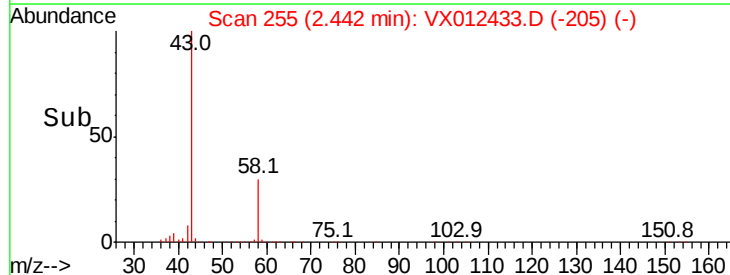
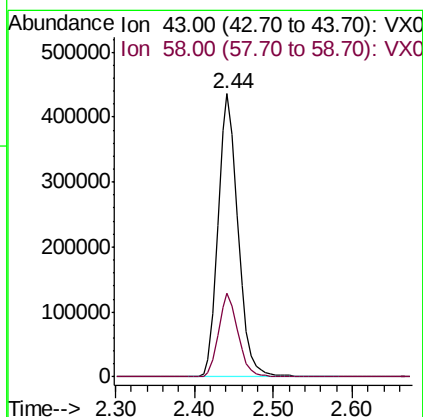
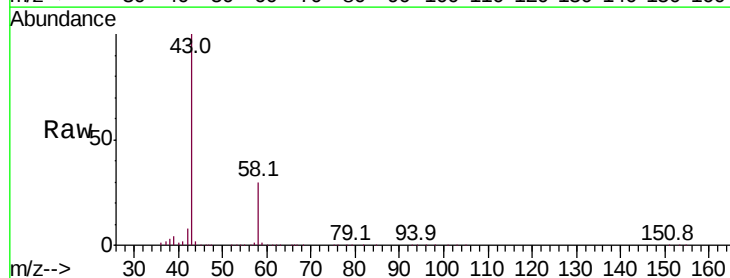
Ion	Ratio	Lower	Upper
53	100		
52	82.9	67.0	100.4
51	36.5	29.6	44.4

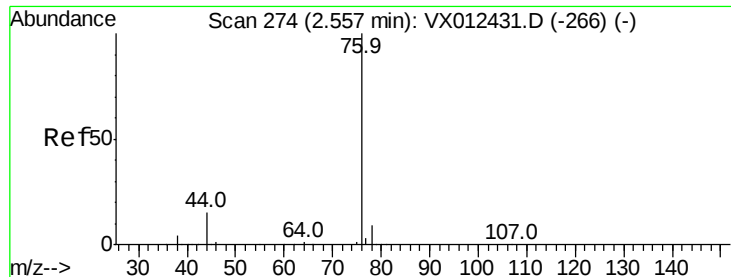


#16
 Acetone
 Concen: 641.611 ug/l
 RT: 2.44 min Scan# 255
 Delta R.T. 0.01 min
 Lab File: VX012433.D
 Acq: 17 Sep 2019 13:56

Tgt Ion: 43 Resp: 766777

Ion	Ratio	Lower	Upper
43	100		
58	29.6	23.3	34.9





#17

Carbon Disulfide

Concen: 183.222 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

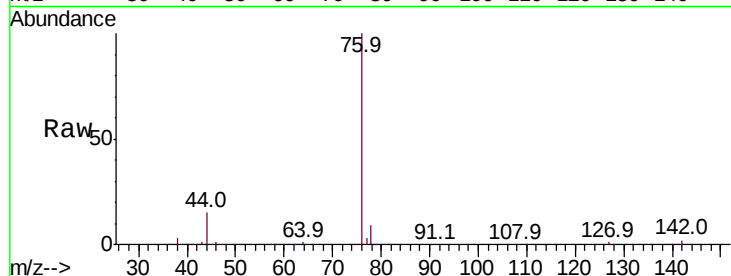
VSTDIC150

Tot Ion: 76 Resp: 221321

Ion Ratio Lower Upper

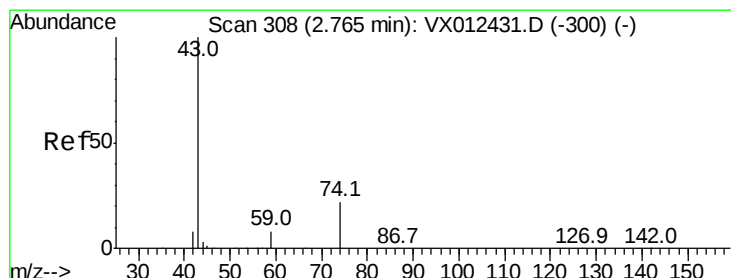
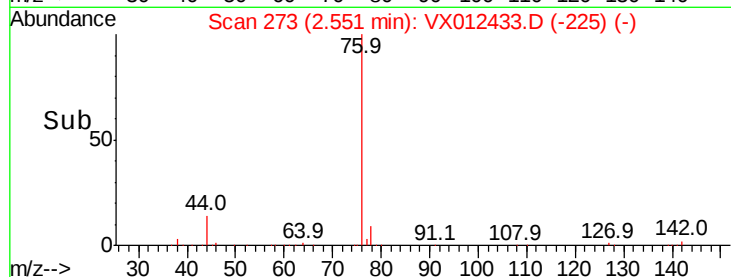
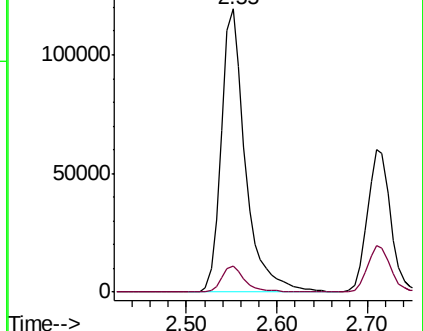
76 100

78 9.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 150.367 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012433.D

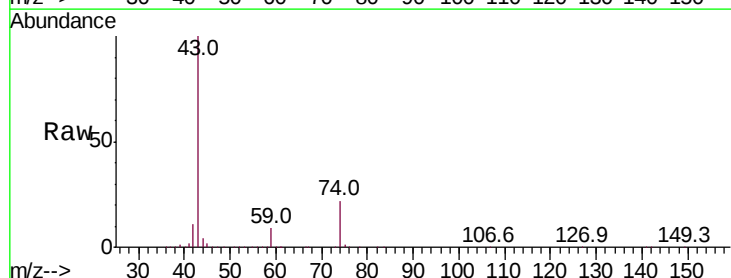
Acq: 17 Sep 2019 13:56

Tgt Ion: 43 Resp: 361014

Ion Ratio Lower Upper

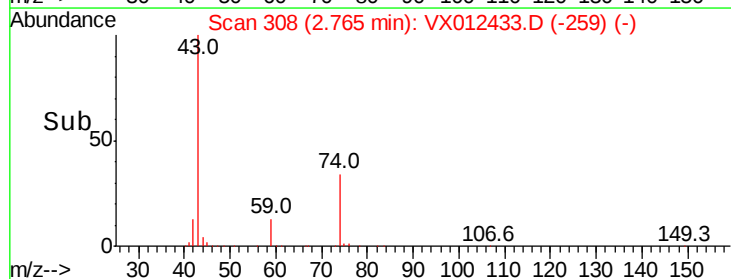
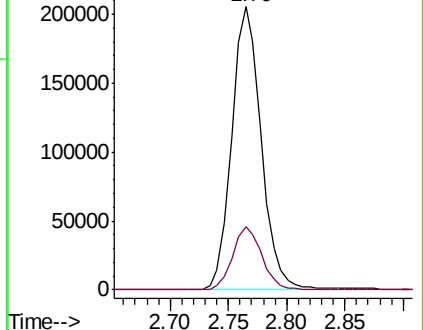
43 100

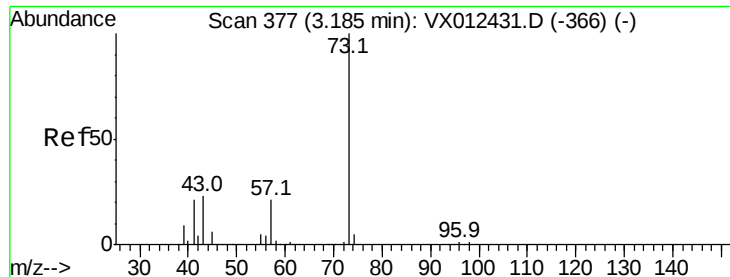
74 22.4 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

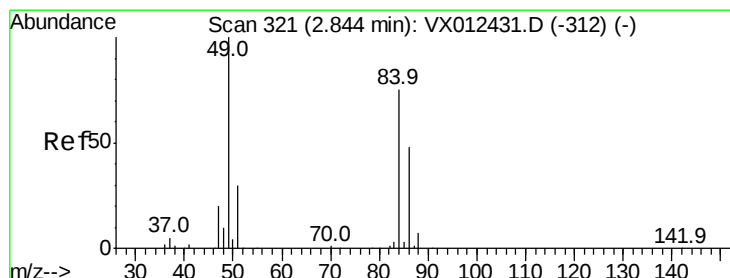
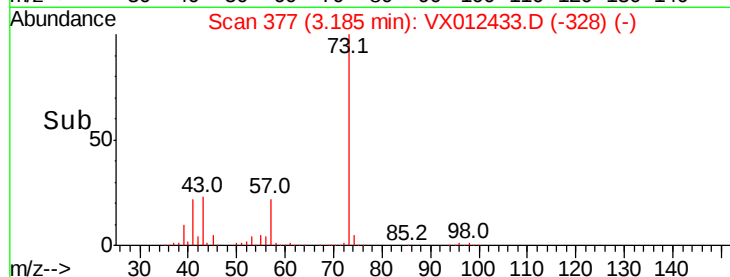
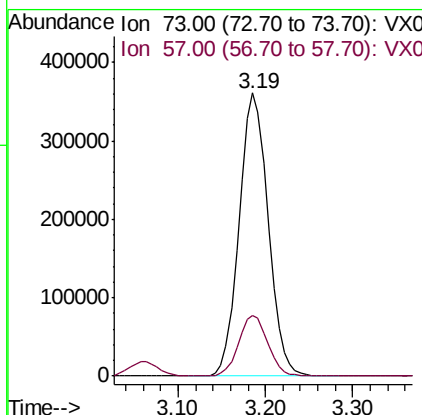
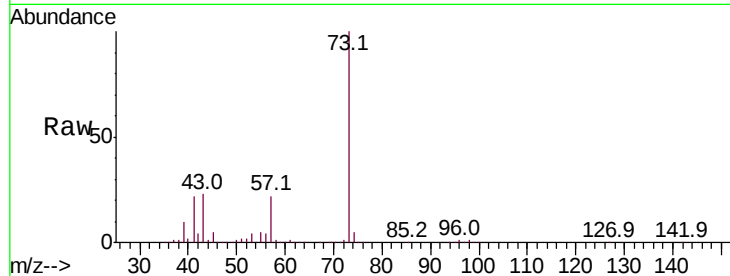




#19
Methvl tert-butvl Ether
Concen: 150.967 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

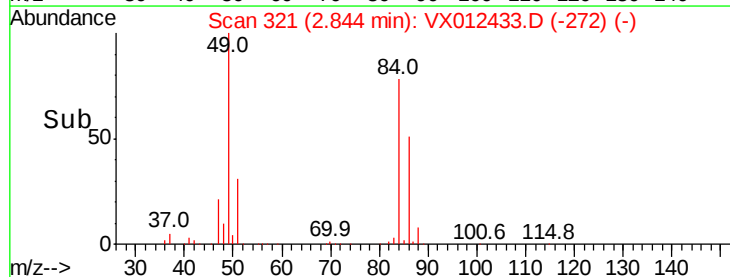
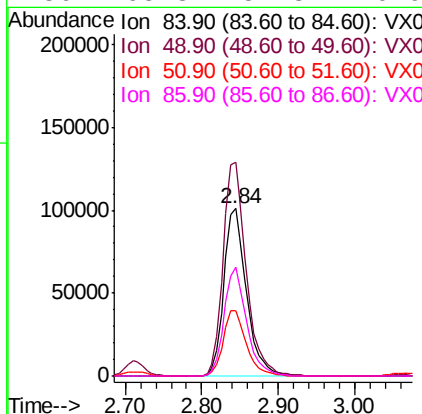
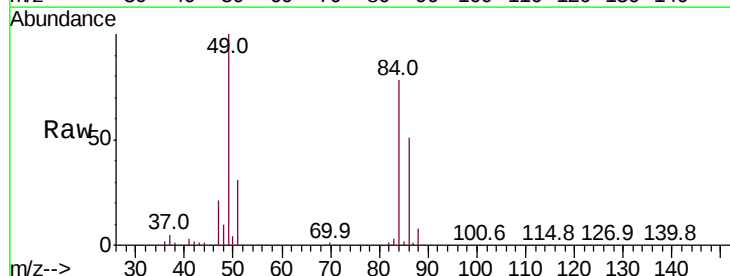
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

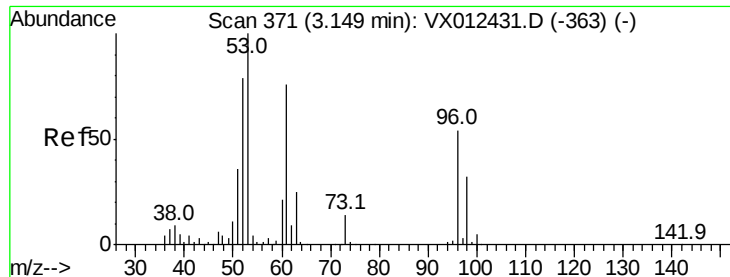
Tot Ion: 73 Resp: 831395
Ion Ratio Lower Upper
73 100
57 21.5 16.8 25.2



#20
Methylene Chloride
Concen: 147.284 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Tgt Ion: 84 Resp: 206079
Ion Ratio Lower Upper
84 100
49 127.7 106.8 160.2
51 39.3 32.3 48.5
86 65.3 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 155.915 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

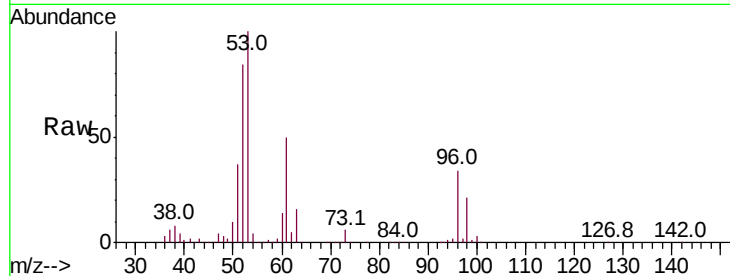
Tot Ion: 96 Resp: 162640

Ion Ratio Lower Upper

96 100

61 144.7 112.0 168.0

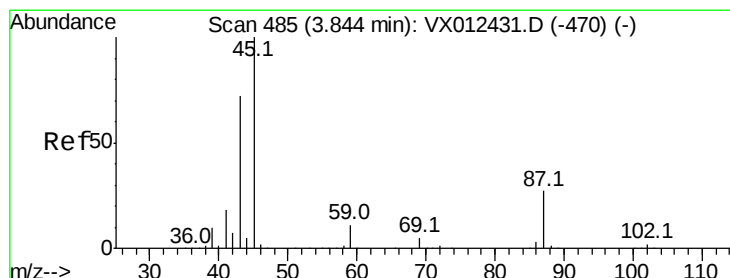
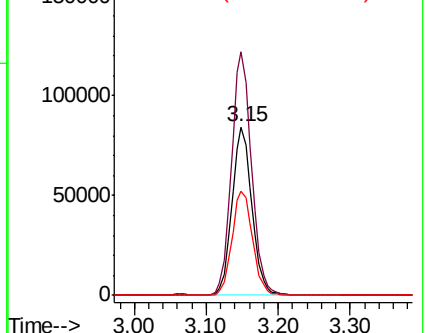
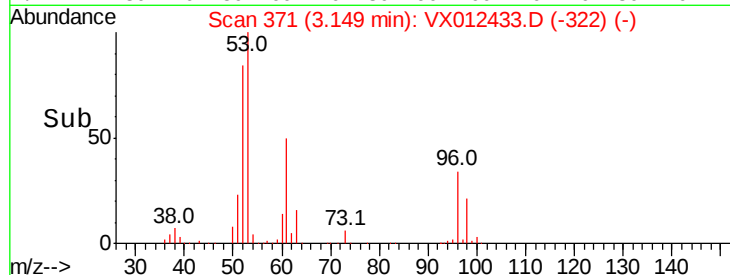
98 62.2 47.8 71.8



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: 149.535 ug/l

RT: 3.85 min Scan# 486

Delta R.T. 0.01 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Tgt Ion: 45 Resp: 824639

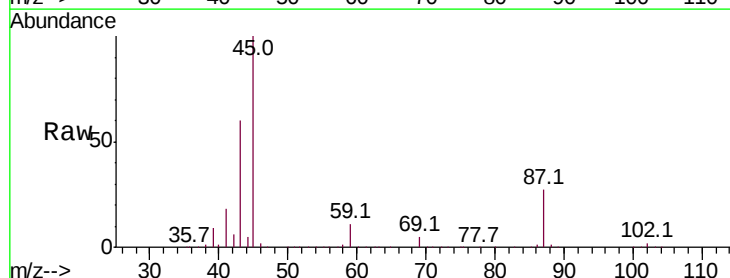
Ion Ratio Lower Upper

45 100

43 60.4 57.8 86.8

87 26.6 21.3 31.9

59 11.3 8.5 12.7

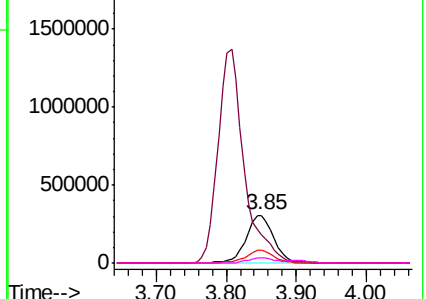
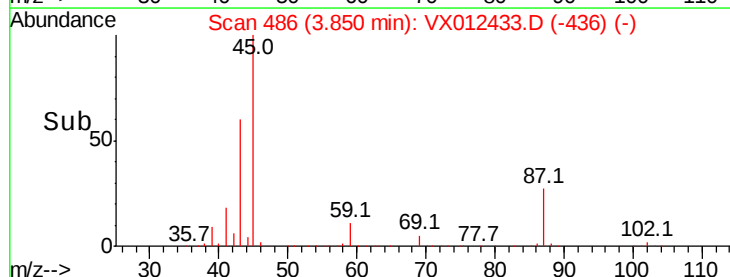


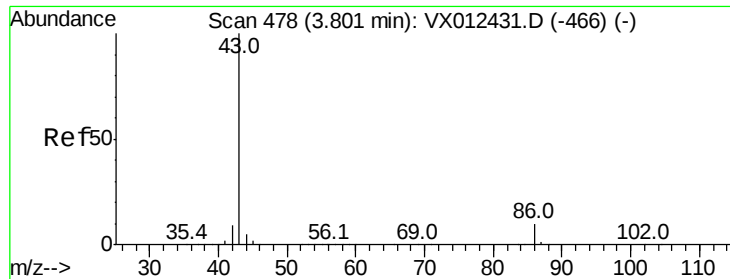
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 796.680 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

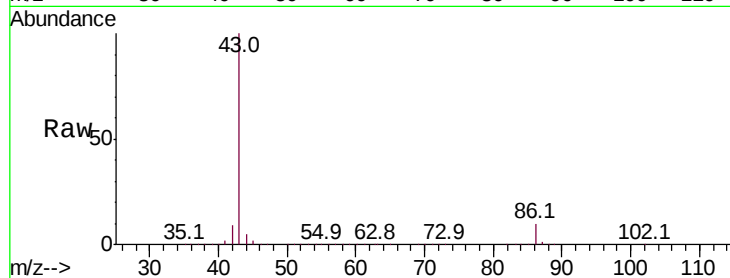
VSTDIC150

Tot Ion: 43 Resp: 3575116

Ion Ratio Lower Upper

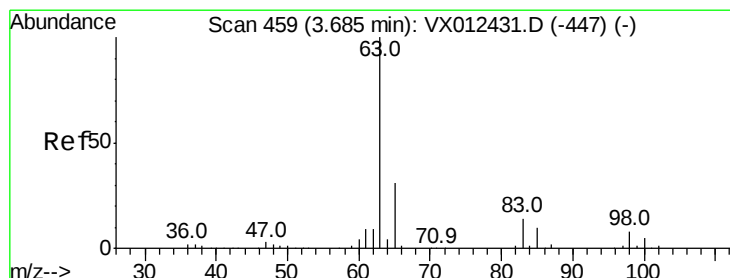
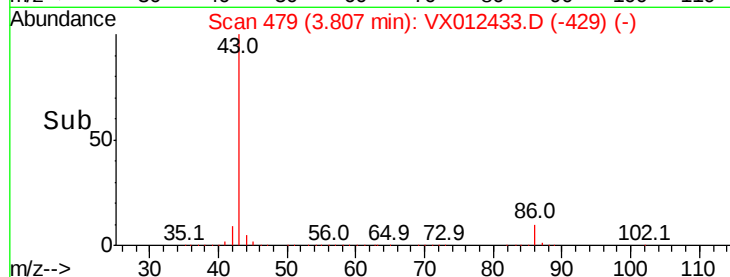
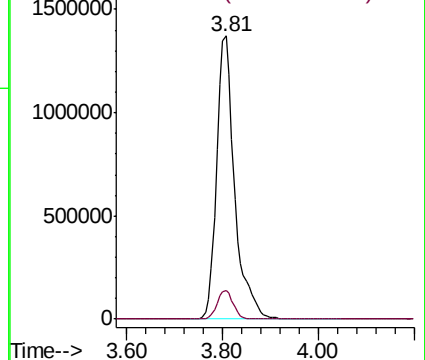
43 100

86 10.2 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 154.418 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

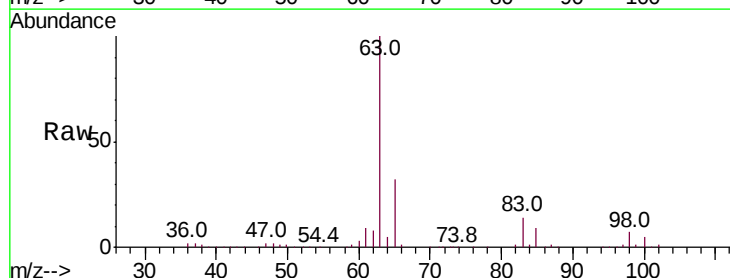
Tgt Ion: 63 Resp: 405242

Ion Ratio Lower Upper

63 100

98 6.5 3.9 11.7

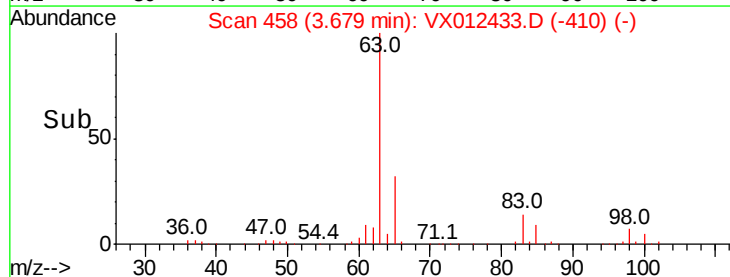
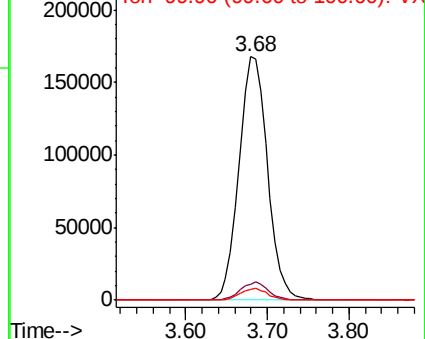
100 4.6 2.3 6.9

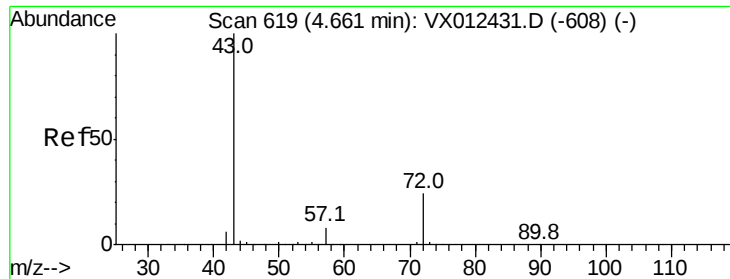


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 734.352 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

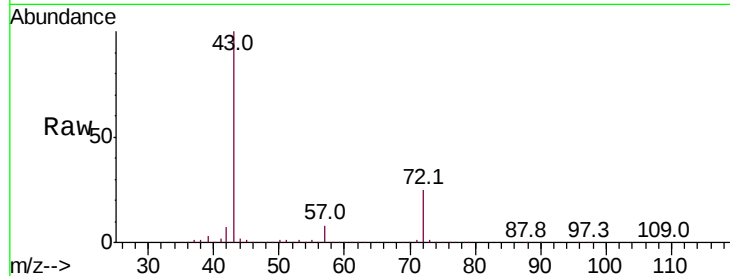
VSTDIC150

Tot Ion: 43 Resp: 1178234

Ion Ratio Lower Upper

43 100

72 24.5 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

400000

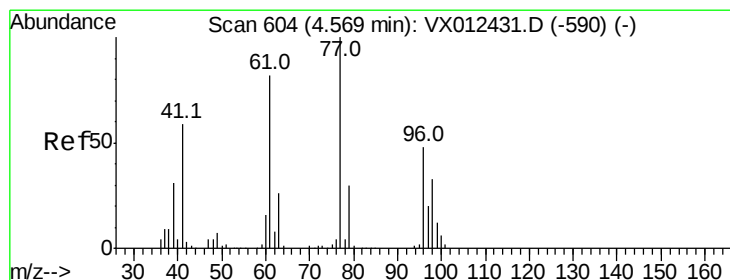
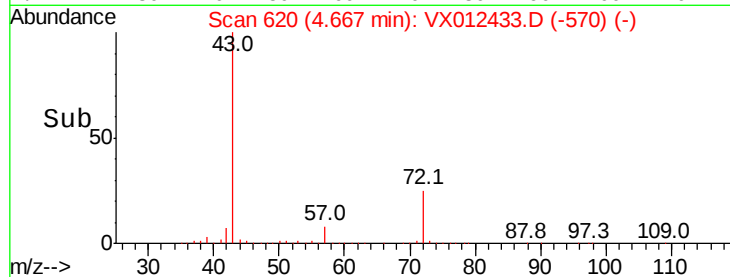
300000

200000

100000

0

Time-->



#26

2,2-Dichloropropane

Concen: 147.317 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012433.D

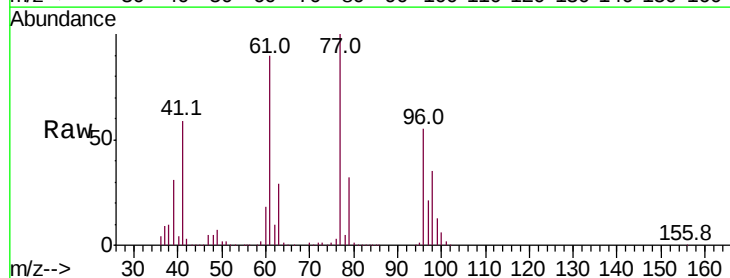
Acq: 17 Sep 2019 13:56

Tgt Ion: 77 Resp: 383229

Ion Ratio Lower Upper

77 100

97 21.6 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

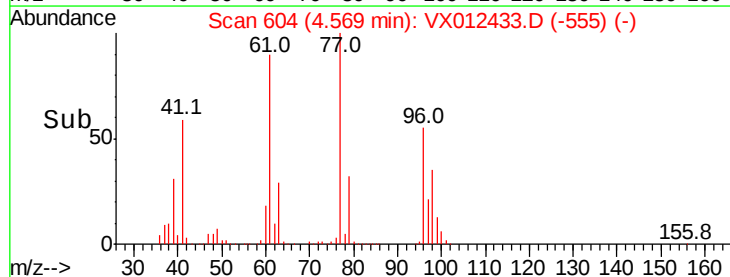
4.57

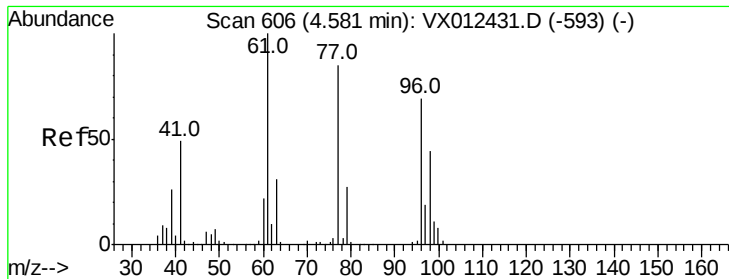
100000

50000

0

Time-->



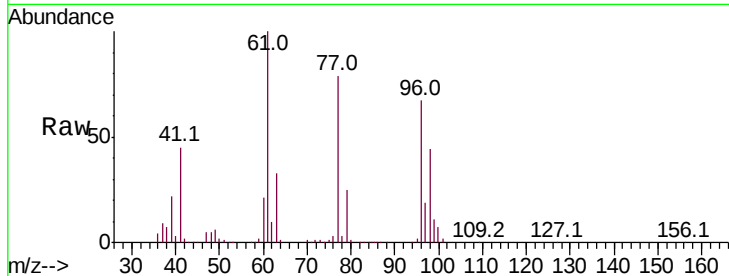


#27

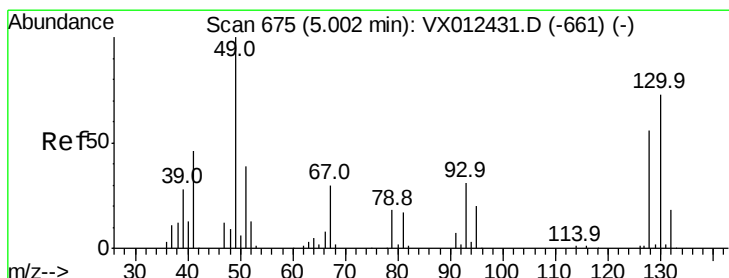
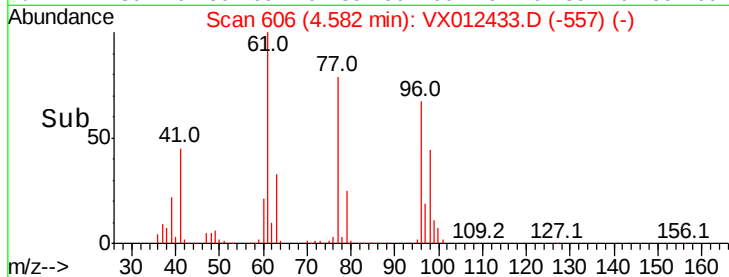
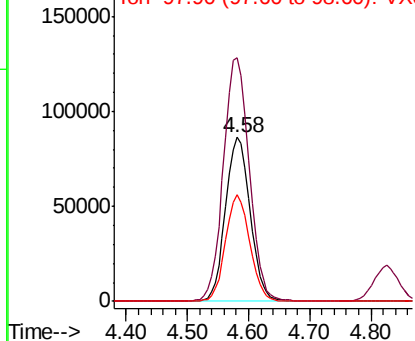
cis-1,2-Dichloroethene
 Concen: 153.351 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX012433.D
 Acq: 17 Sep 2019 13:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.6	0.0	319.4
98	64.1	0.0	130.6



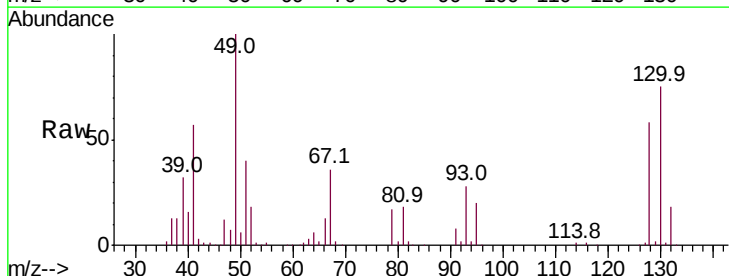
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



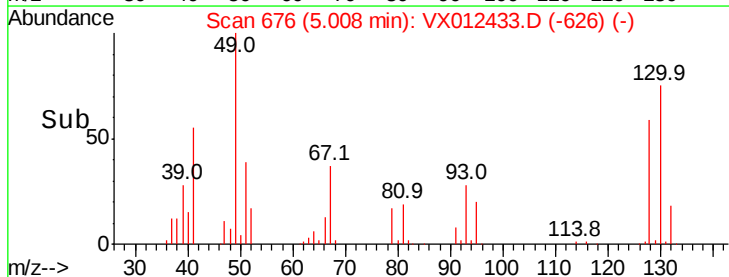
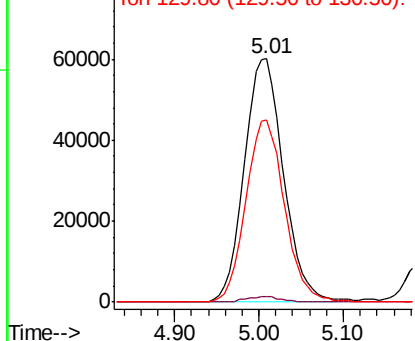
#28

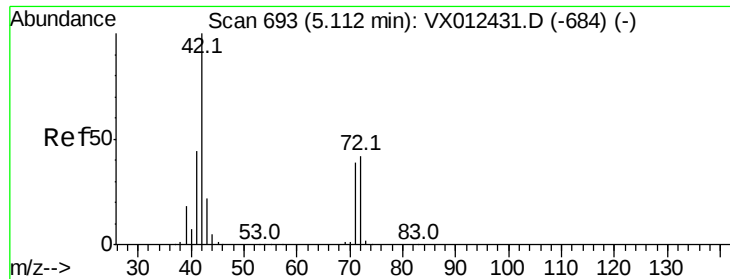
Bromochloromethane
 Concen: 138.085 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: VX012433.D
 Acq: 17 Sep 2019 13:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.8
130	73.9	58.2	87.4



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





#29

Tetrahydrofuran

Concen: 789.492 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

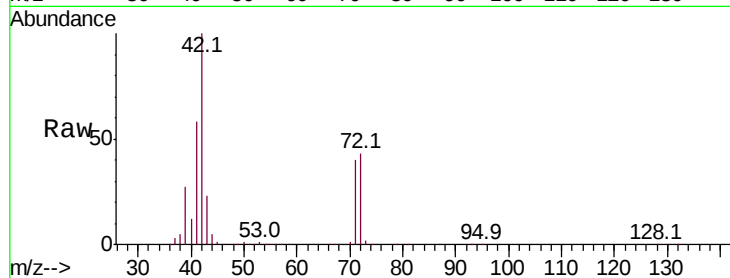
Tot Ion: 42 Resp: 691276

Ion Ratio Lower Upper

42 100

72 42.4 34.0 51.0

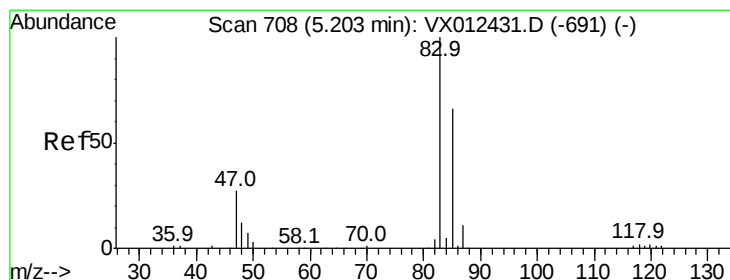
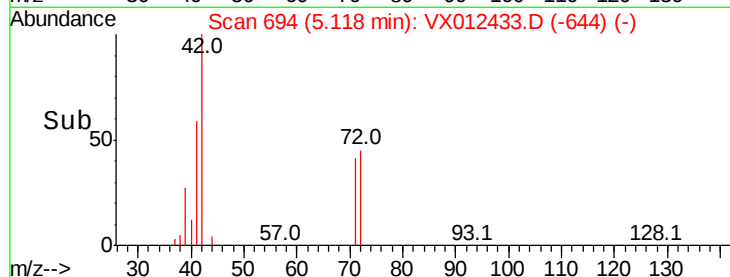
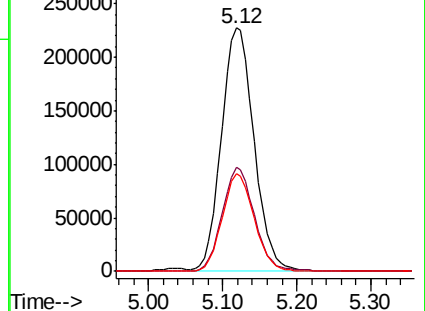
71 39.5 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 145.841 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX012433.D

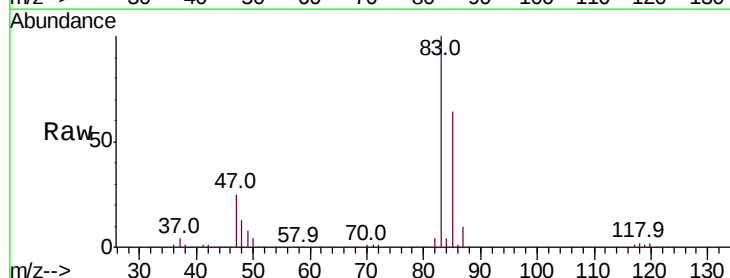
Acq: 17 Sep 2019 13:56

Tgt Ion: 83 Resp: 443763

Ion Ratio Lower Upper

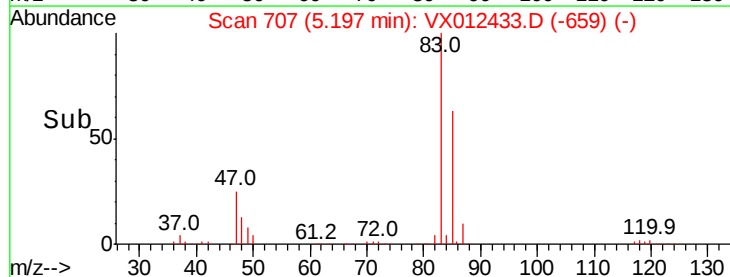
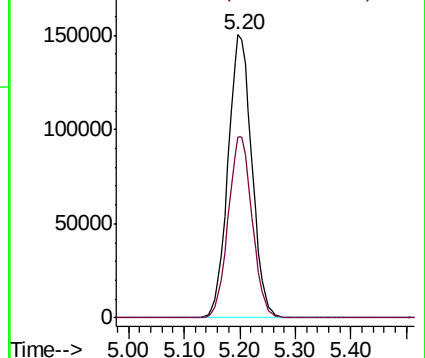
83 100

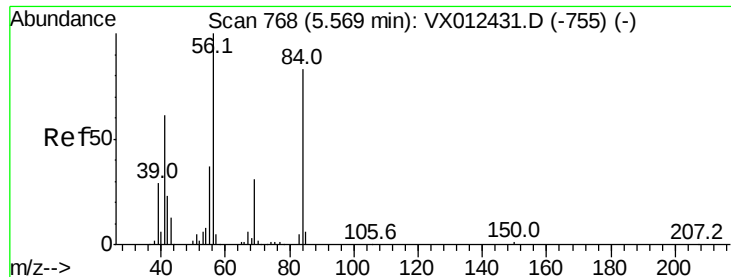
85 63.9 53.0 79.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

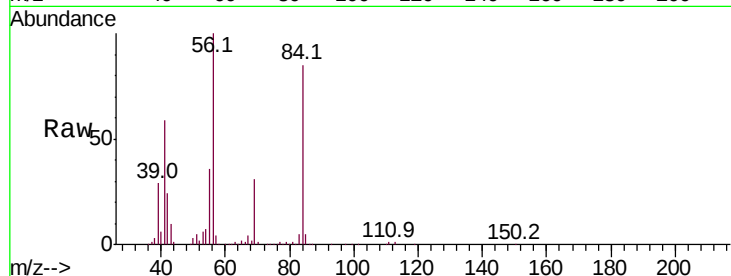




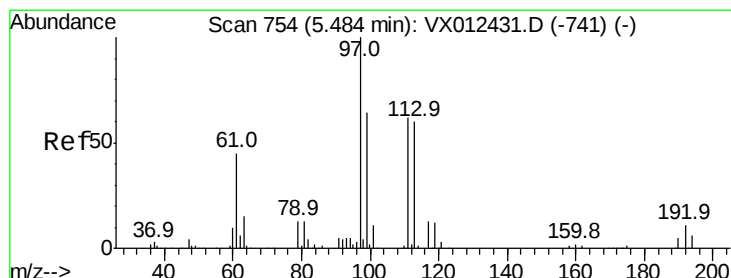
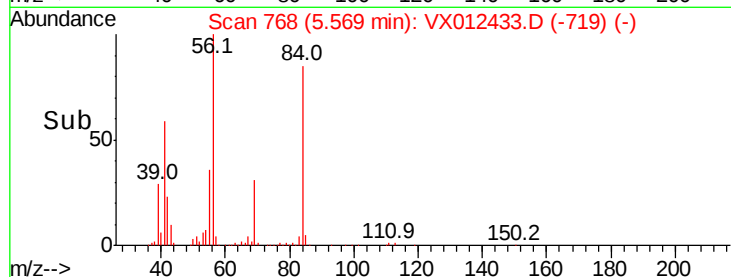
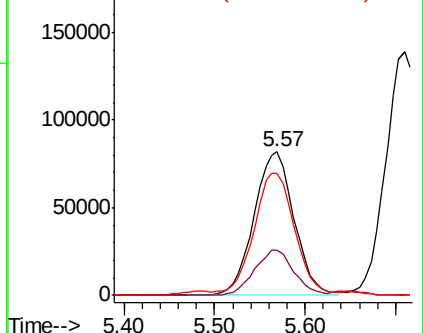
#31
Cyclohexane
Concen: 158.640 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 56 Resp: 249674
Ion Ratio Lower Upper
56 100
69 31.2 25.0 37.6
84 82.8 66.4 99.6

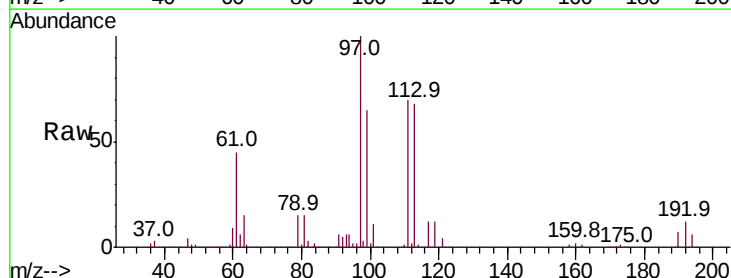


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

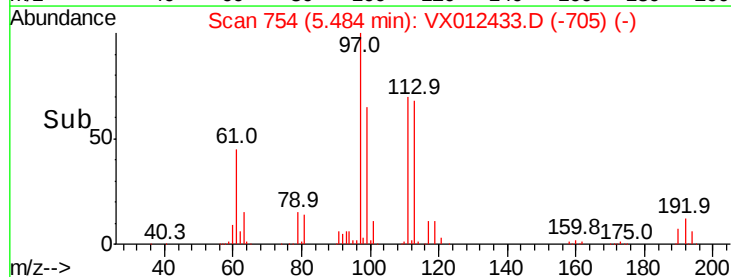
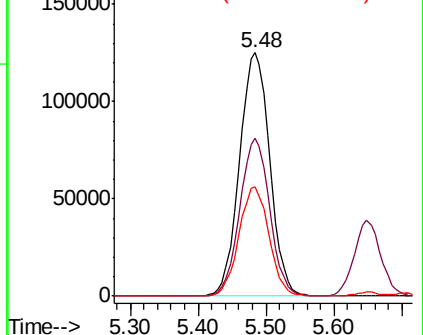


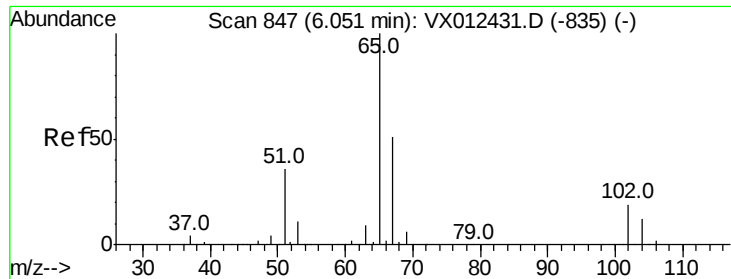
#32
1,1,1-Trichloroethane
Concen: 153.522 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Tgt Ion: 97 Resp: 387110
Ion Ratio Lower Upper
97 100
99 64.0 51.3 76.9
61 44.8 36.1 54.1



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 145.916 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

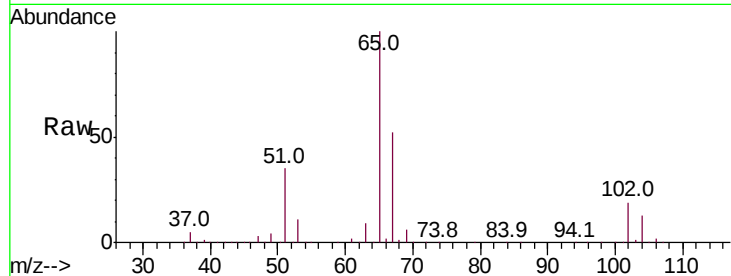
VSTDIC150

Tot Ion: 65 Resp: 338175

Ion Ratio Lower Upper

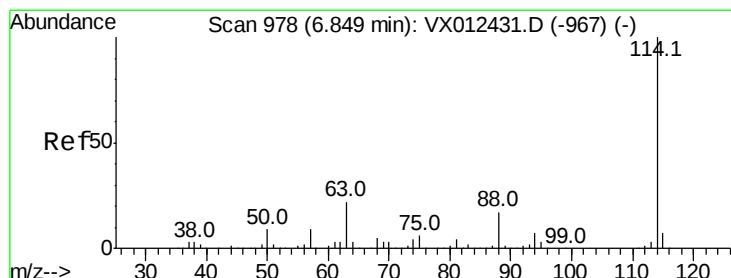
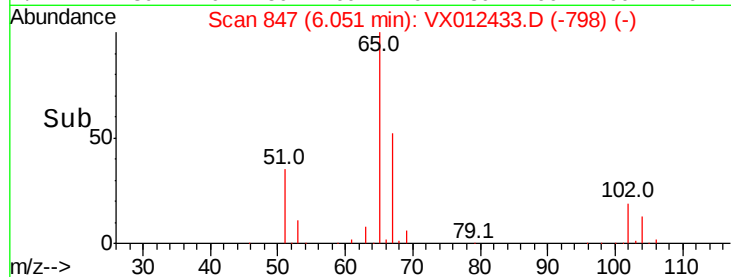
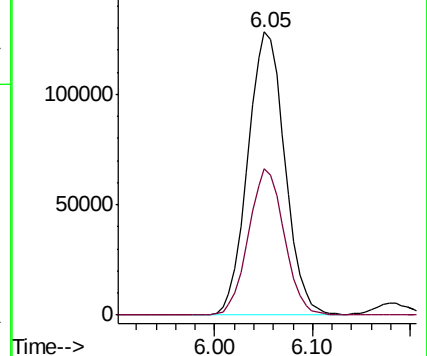
65 100

67 50.1 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

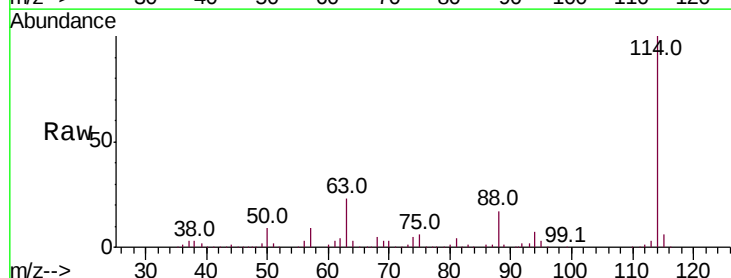
Tgt Ion: 114 Resp: 272465

Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.2

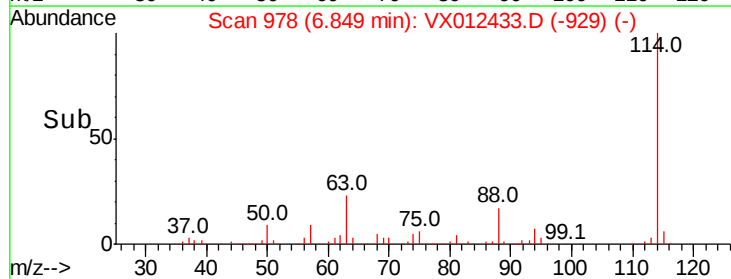
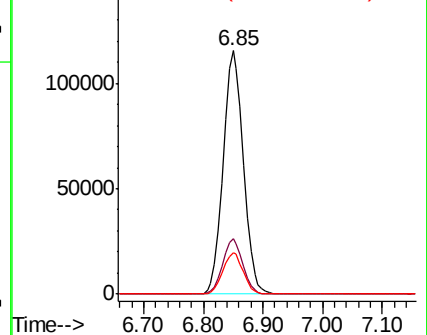
88 16.9 0.0 33.2

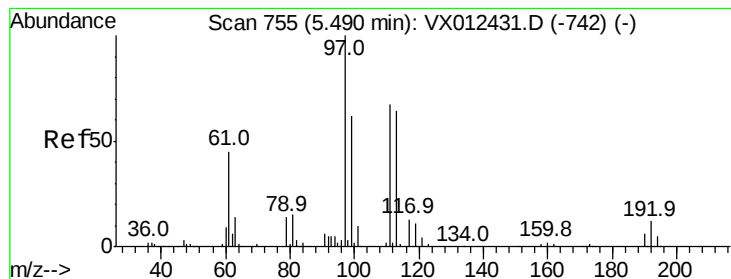


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 150.703 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

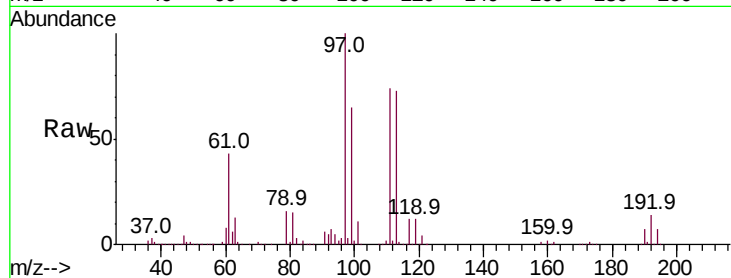
Tot Ion:113 Resp: 248294

Ion Ratio Lower Upper

113 100

111 102.7 83.4 125.2

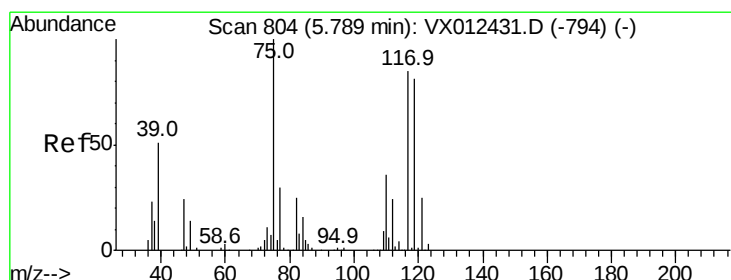
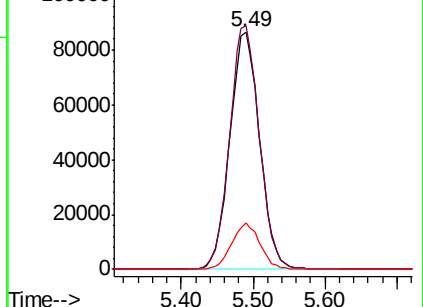
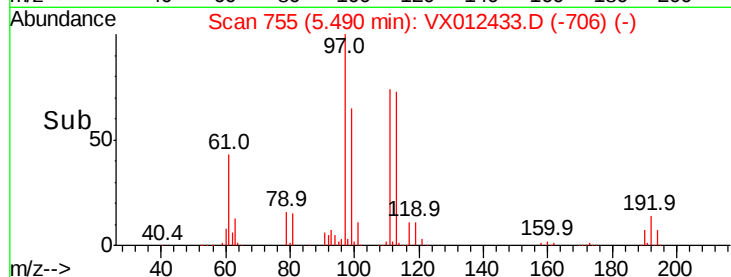
192 18.6 14.4 21.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 153.493 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

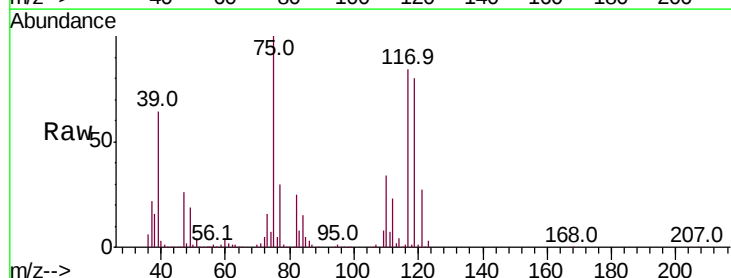
Tgt Ion: 75 Resp: 253189

Ion Ratio Lower Upper

75 100

110 34.6 16.7 50.0

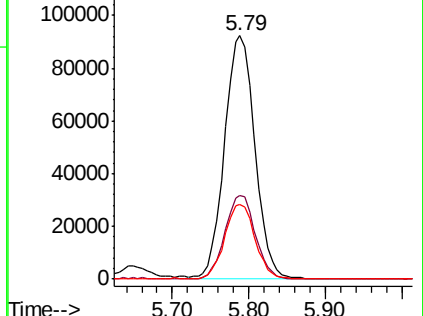
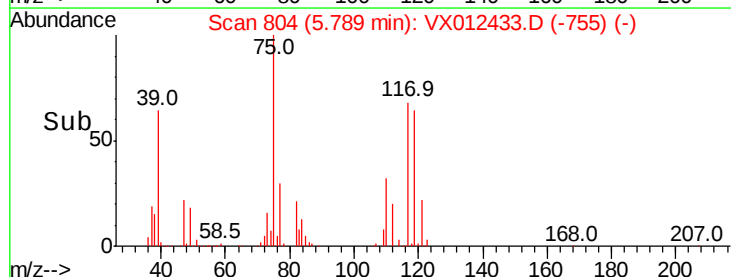
77 30.8 24.2 36.2

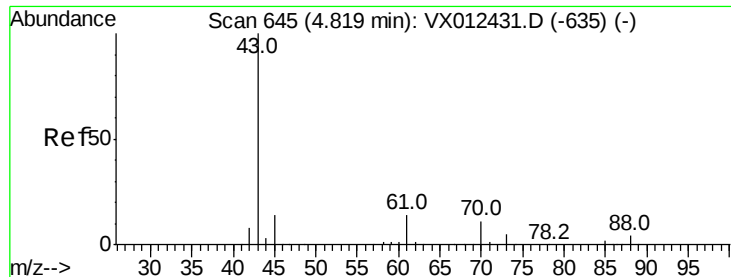


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 166.815 ug/l

RT: 4.83 min Scan# 646

Delta R.T. 0.01 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

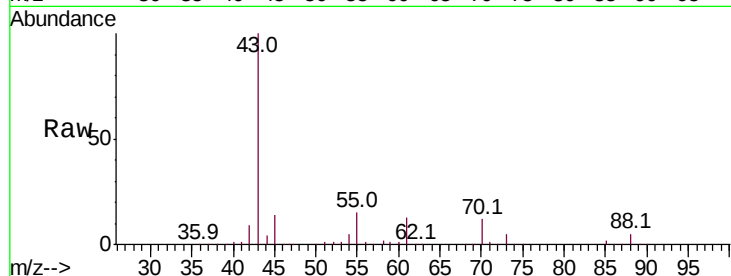
Tot Ion: 43 Resp: 416239

Ion Ratio Lower Upper

43 100

61 13.1 10.2 15.4

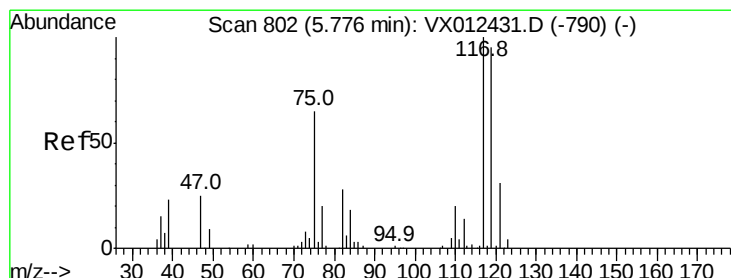
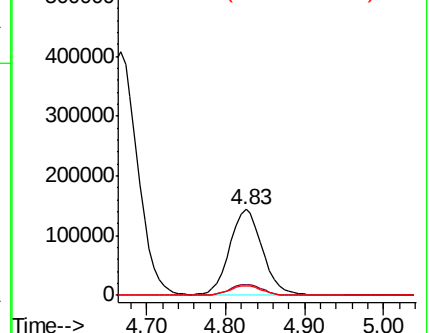
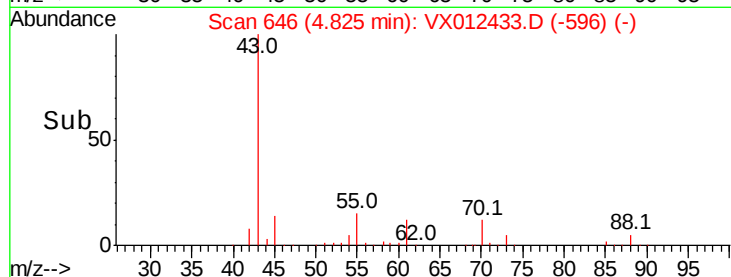
70 11.0 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 156.960 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

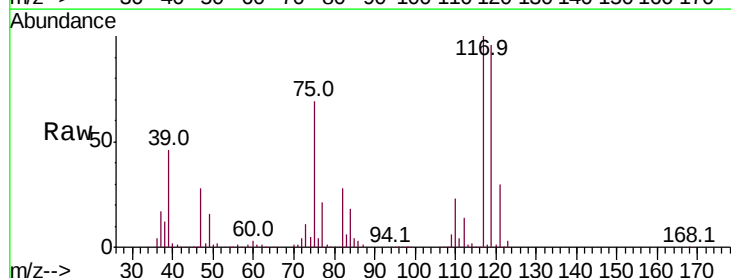
Tgt Ion: 117 Resp: 320778

Ion Ratio Lower Upper

117 100

119 95.7 75.7 113.5

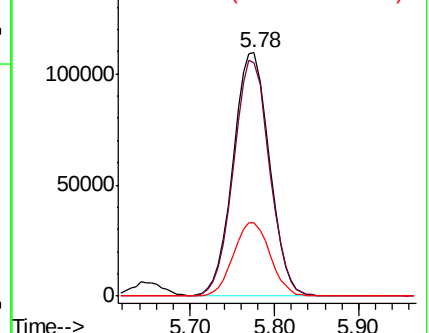
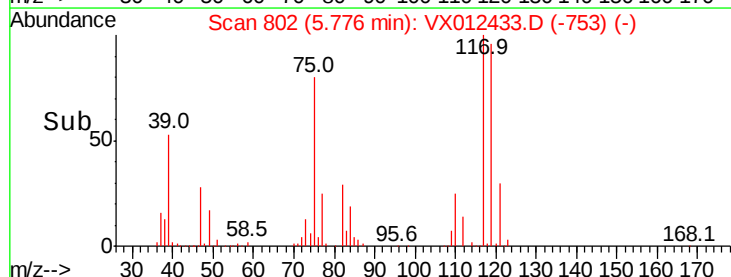
121 30.0 24.2 36.4

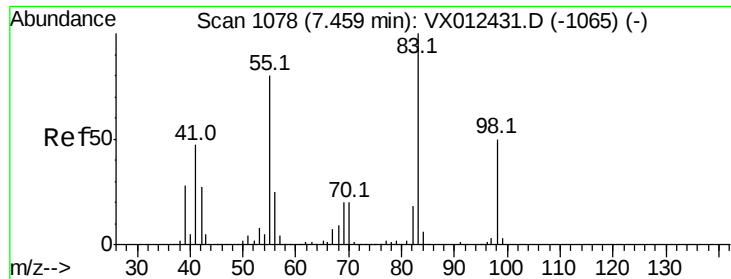


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

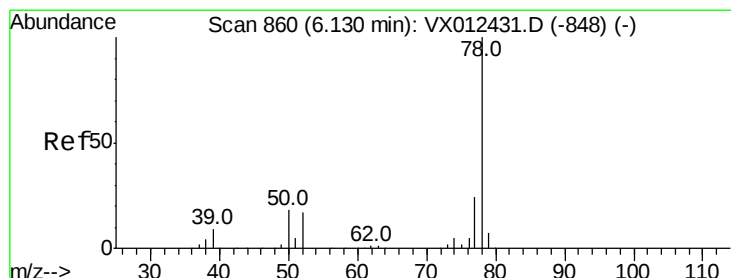
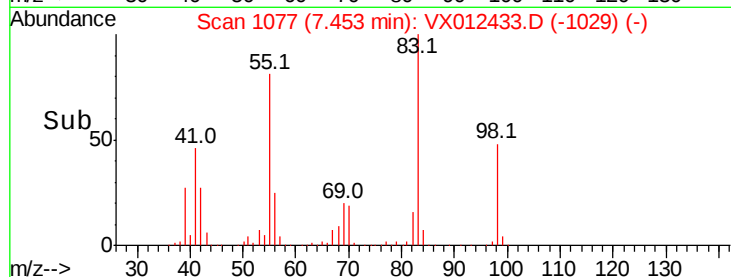
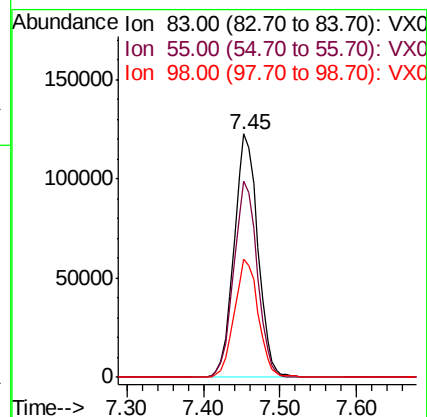
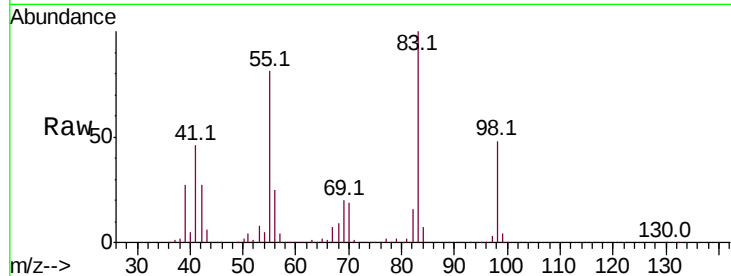




#39
Methvlcvclohexane
Concen: 166.413 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

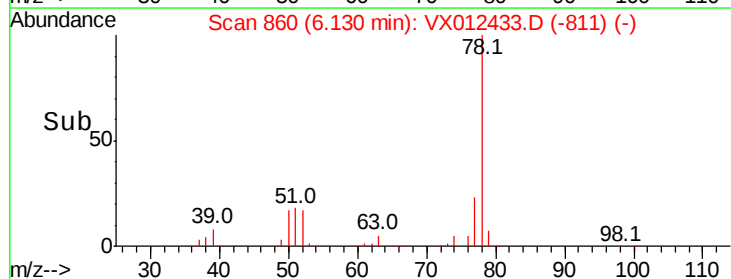
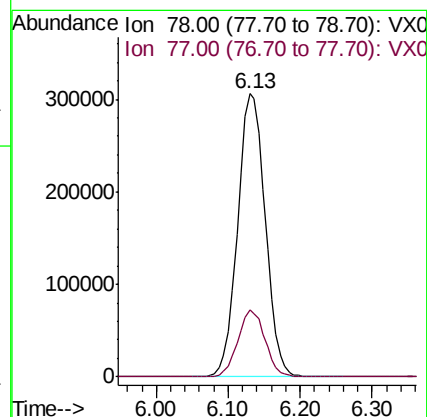
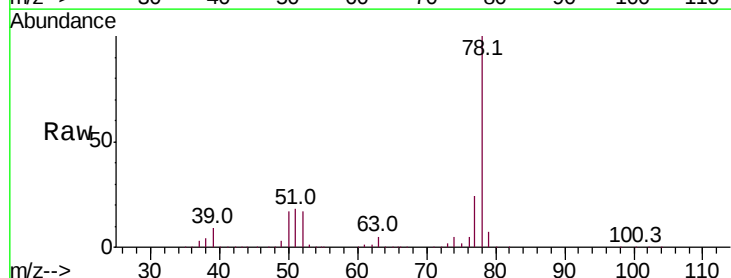
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

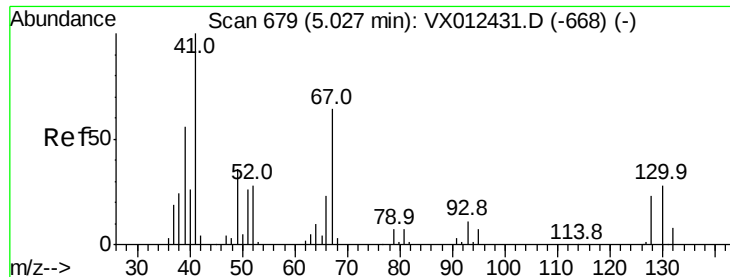
Tot Ion: 83 Resp: 263088
Ion Ratio Lower Upper
83 100
55 80.6 64.4 96.6
98 48.4 40.1 60.1



#40
Benzene
Concen: 155.338 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Tgt Ion: 78 Resp: 813144
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8

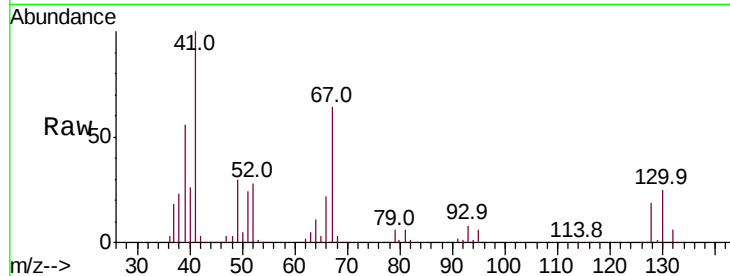




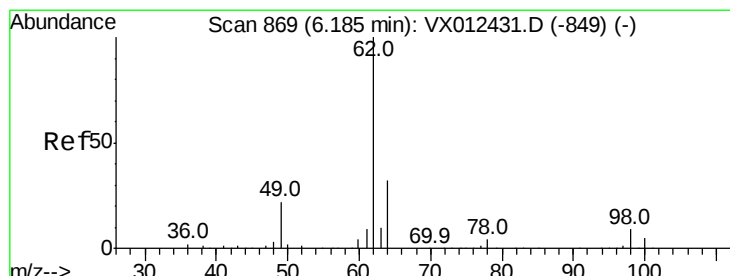
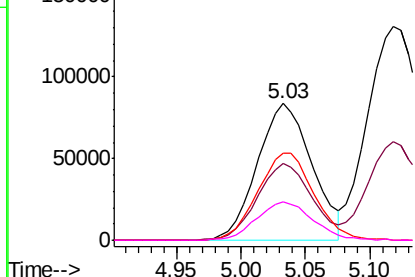
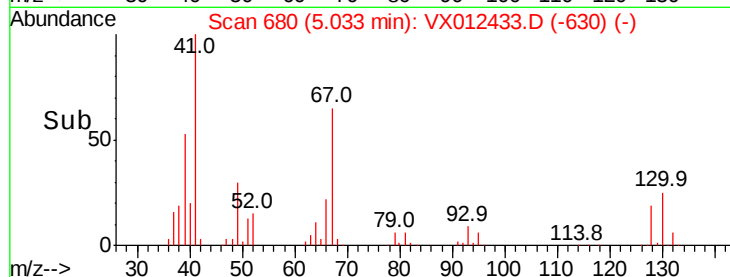
#41
Methacrylonitrile
Concen: 150.572 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:	41	Resp:	246282
Ion	Ratio	Lower	Upper
41	100		
39	55.8	46.0	69.0
67	65.6	52.2	78.2
52	29.4	22.7	34.1

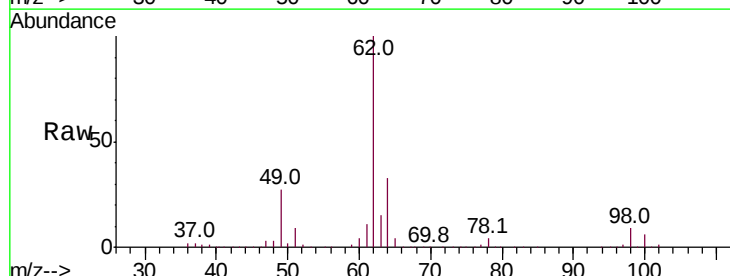


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

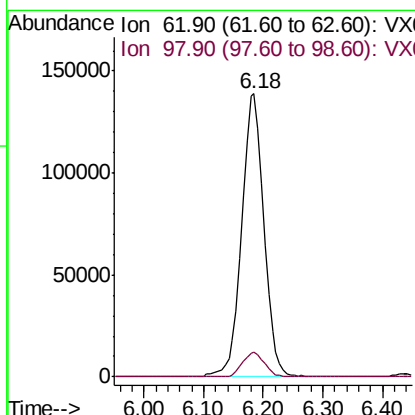
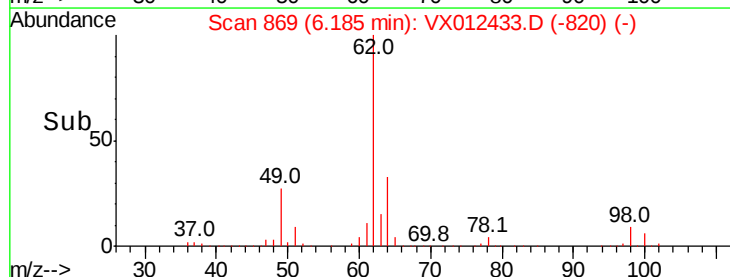


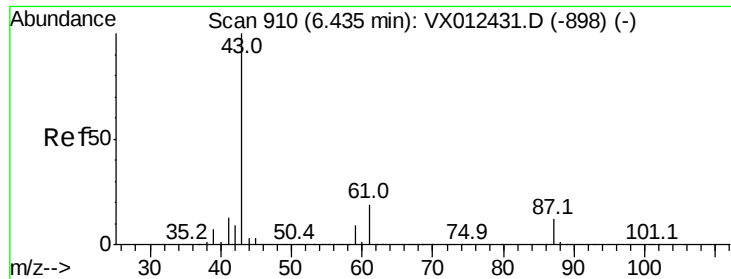
#42
1,2-Dichloroethane
Concen: 147.246 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Tgt Ion:	62	Resp:	360724
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



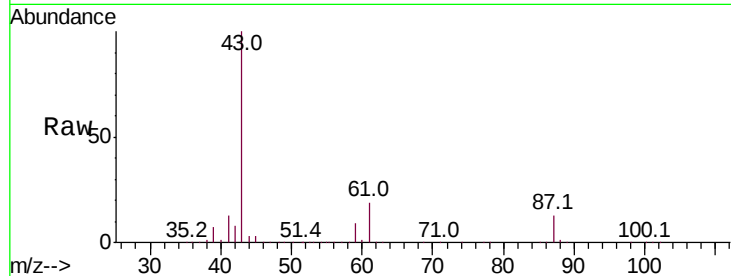


#43

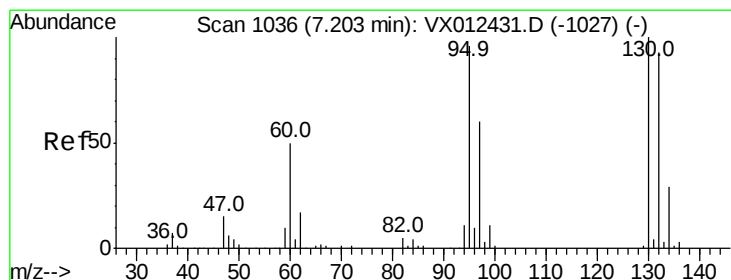
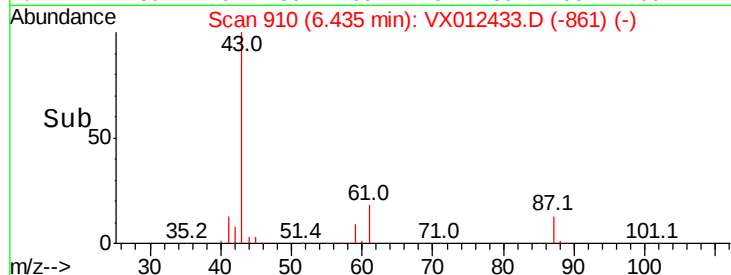
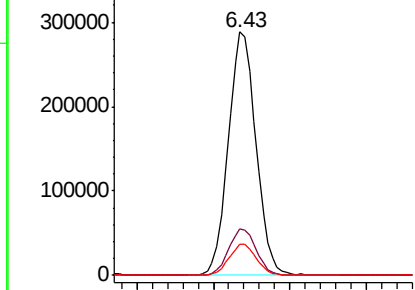
Isopropyl Acetate
 Concen: 159.245 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012433.D
 Acq: 17 Sep 2019 13:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	43	61	87
Resp	719108		
Ratio	100	19.2	12.7
Lower		15.4	9.8
Upper		23.0	14.8



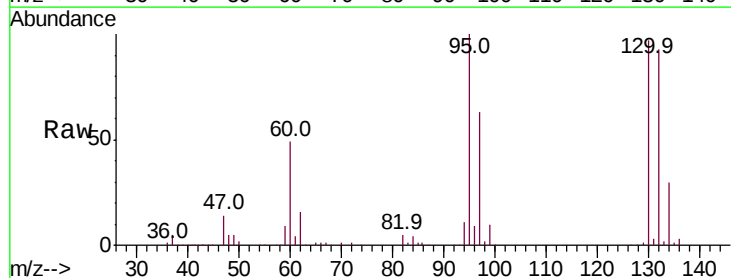
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



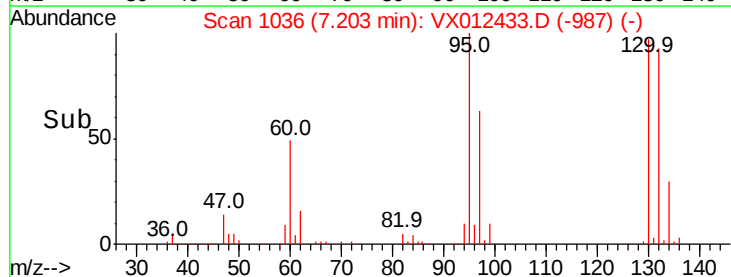
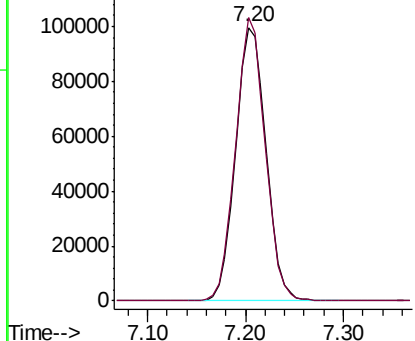
#44

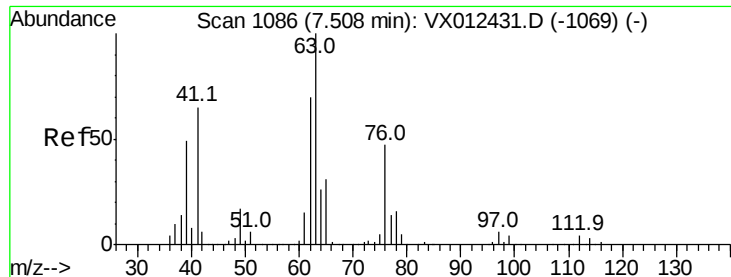
Trichloroethene
 Concen: 156.076 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX012433.D
 Acq: 17 Sep 2019 13:56

Tgt Ion	130	95
Resp	214741	
Ratio	100	103.6
Lower		0.0
Upper		193.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 151.244 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

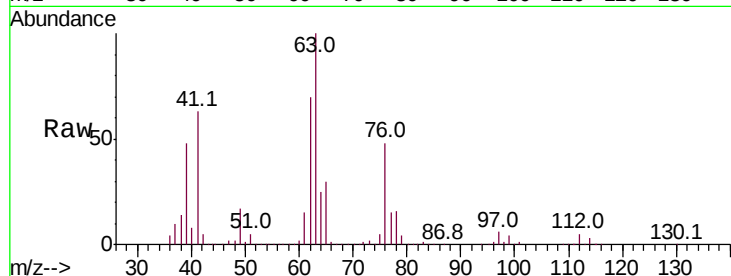
VSTDIC150

Tot Ion: 63 Resp: 244340

Ion Ratio Lower Upper

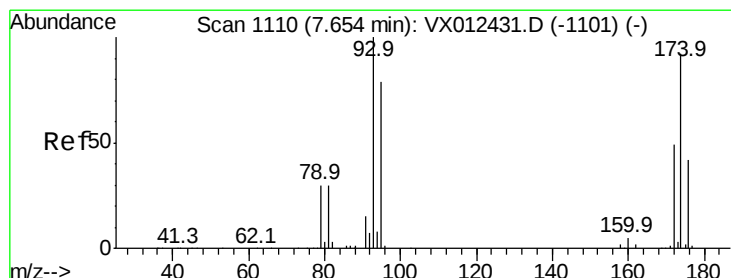
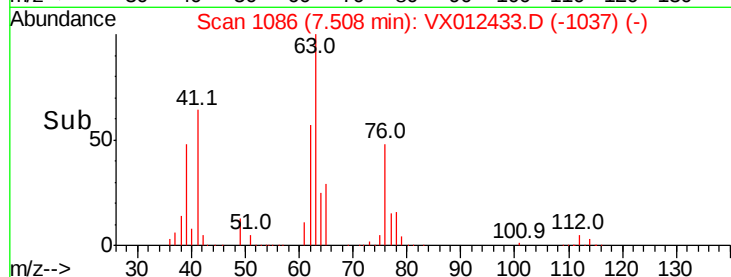
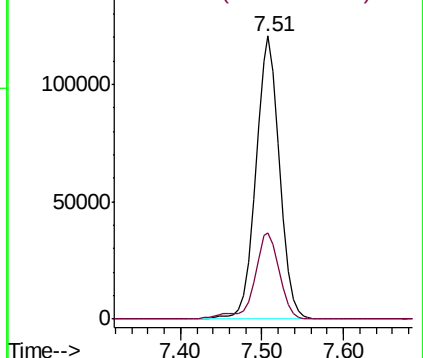
63 100

65 30.5 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 152.478 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

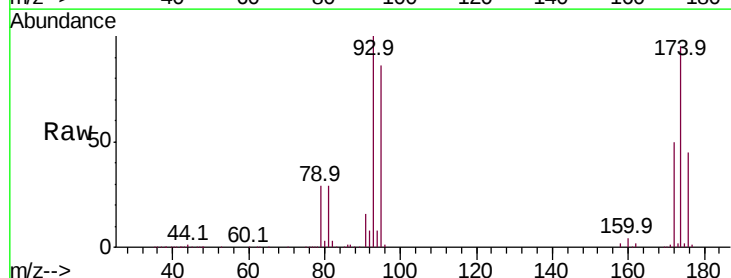
Tgt Ion: 93 Resp: 159190

Ion Ratio Lower Upper

93 100

95 84.1 66.6 100.0

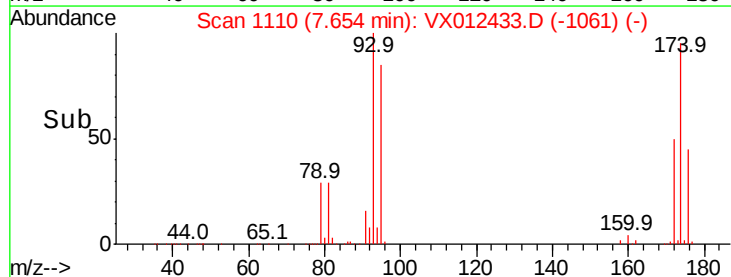
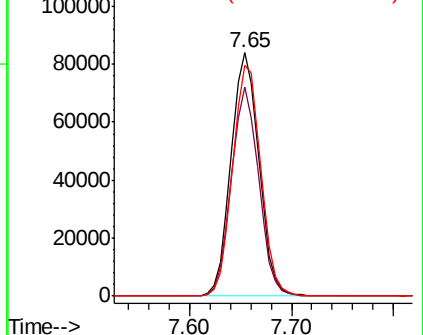
174 95.5 77.4 116.0

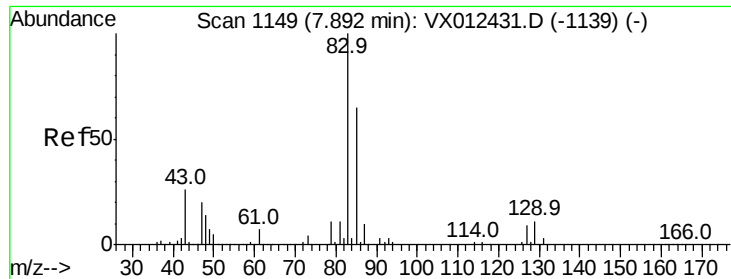


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 161.567 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

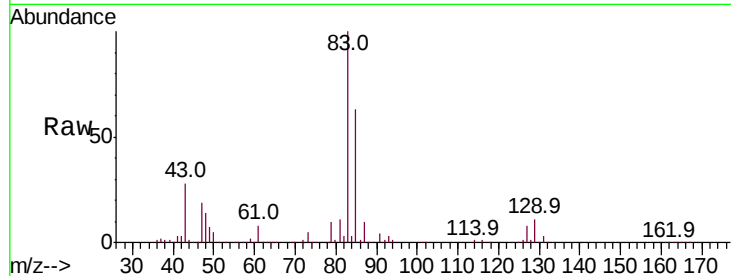
Tot Ion: 83 Resp: 371834

Ion Ratio Lower Upper

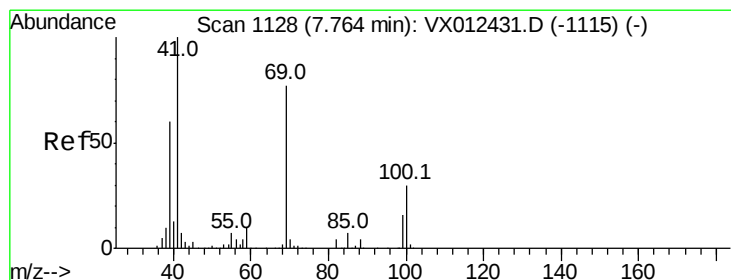
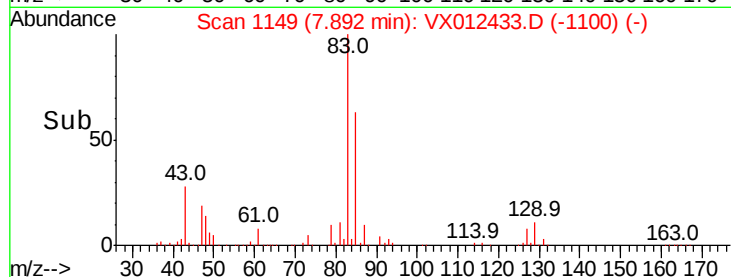
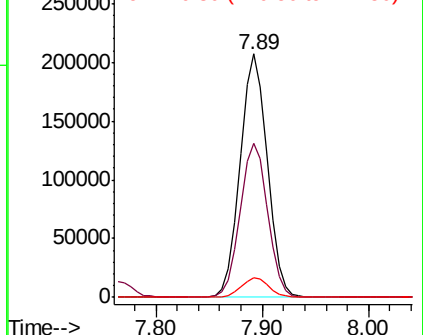
83 100

85 63.1 51.8 77.6

127 8.3 7.3 10.9



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



#48

Methyl methacrylate

Concen: 161.971 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

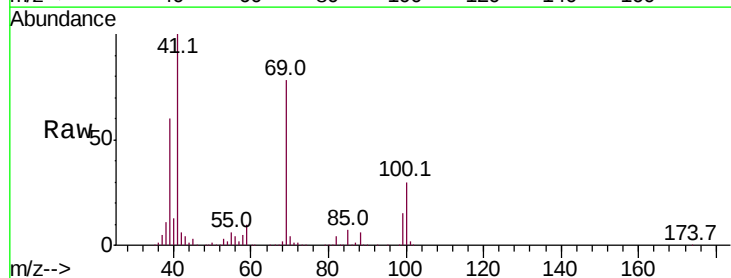
Tgt Ion: 41 Resp: 343751

Ion Ratio Lower Upper

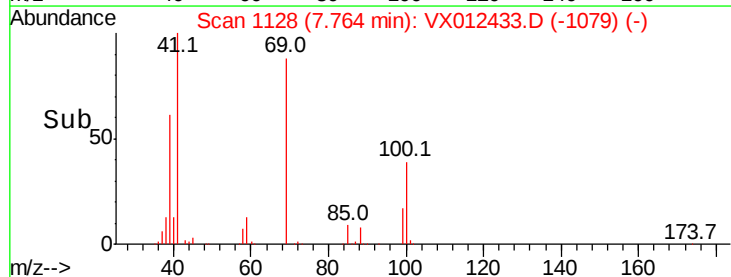
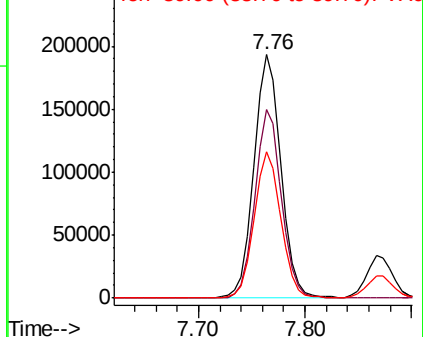
41 100

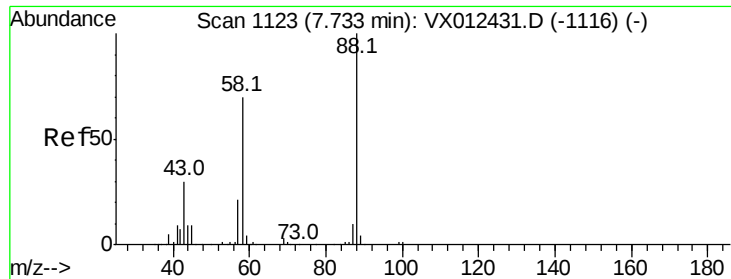
69 76.3 59.9 89.9

39 59.6 47.8 71.6



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





#49

1,4-Dioxane

Concen: 3067.487 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

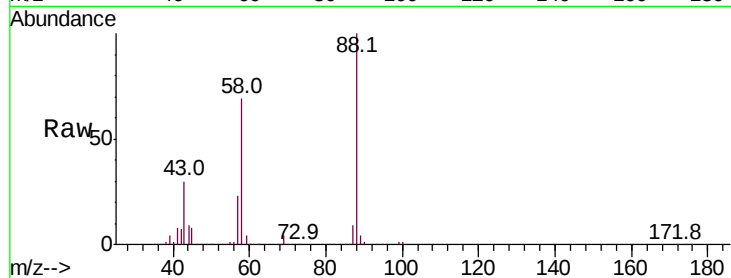
Tot Ion: 88 Resp: 159953

Ion Ratio Lower Upper

88 100

43 34.5 29.4 44.0

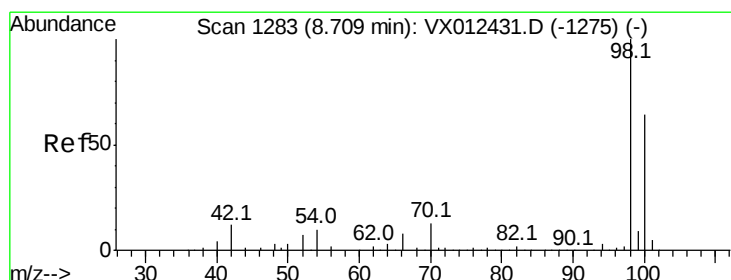
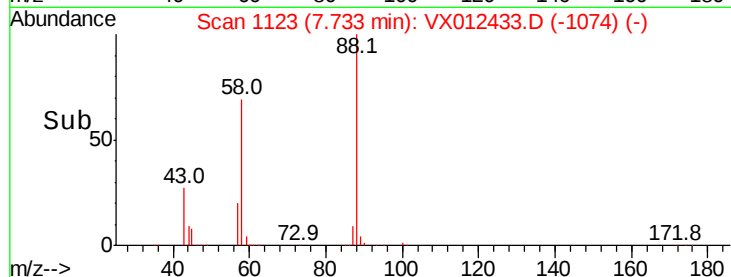
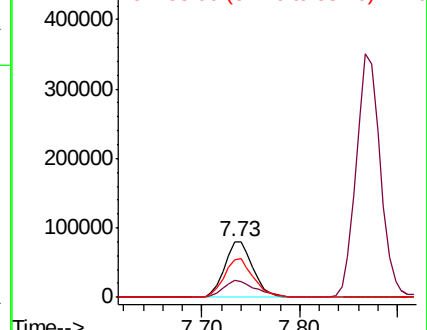
58 71.2 57.5 86.3



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: 150.250 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012433.D

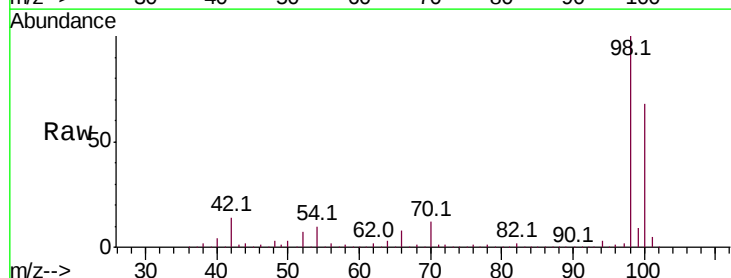
Acq: 17 Sep 2019 13:56

Tgt Ion: 98 Resp: 916836

Ion Ratio Lower Upper

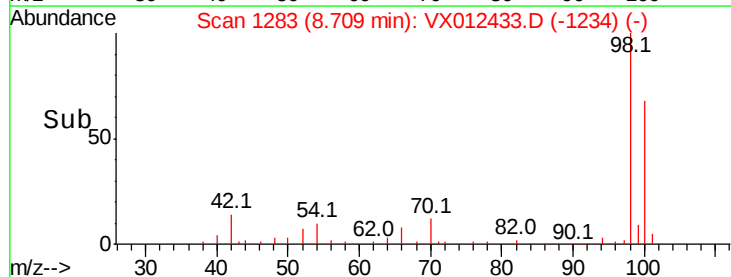
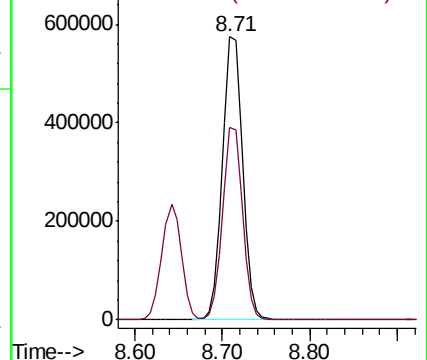
98 100

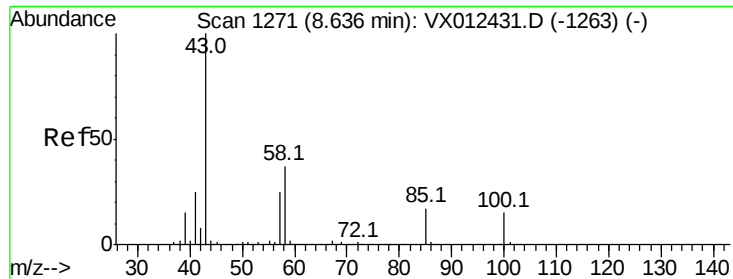
100 67.4 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 796.625 ug/l

RT: 8.64 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

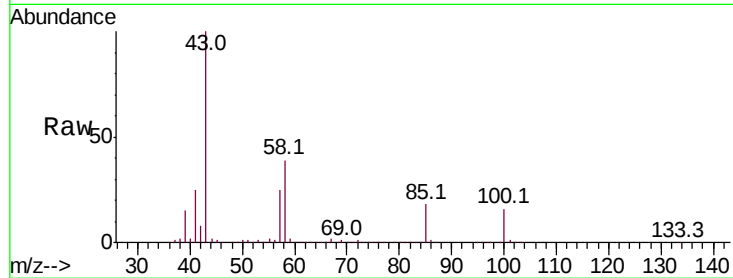
VSTDIC150

Tot Ion: 43 Resp: 2358897

Ion Ratio Lower Upper

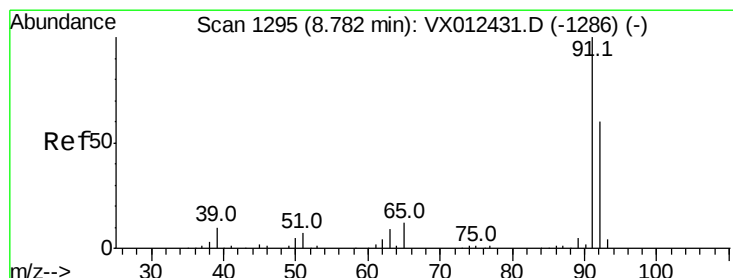
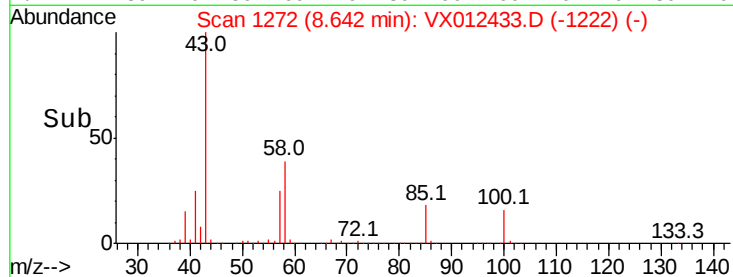
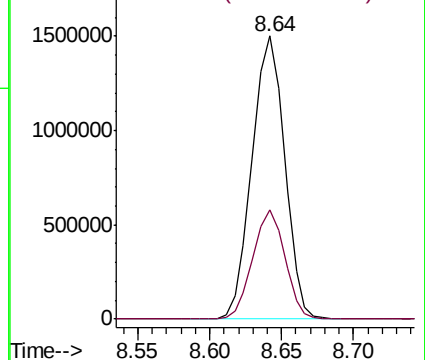
43 100

58 38.1 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 156.709 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012433.D

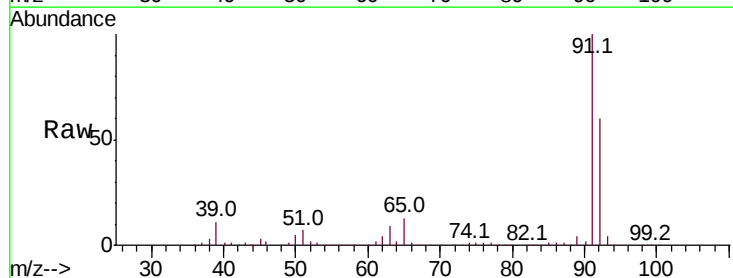
Acq: 17 Sep 2019 13:56

Tgt Ion: 92 Resp: 527792

Ion Ratio Lower Upper

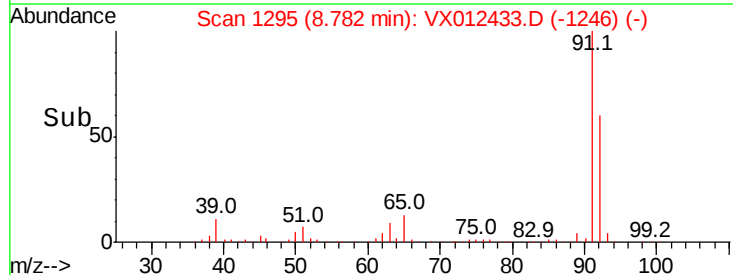
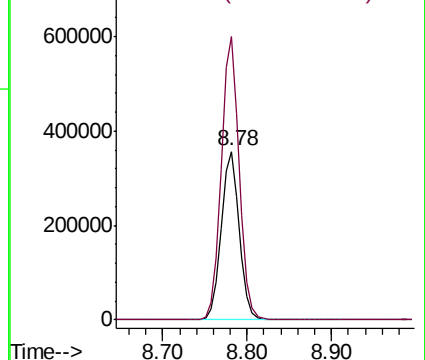
92 100

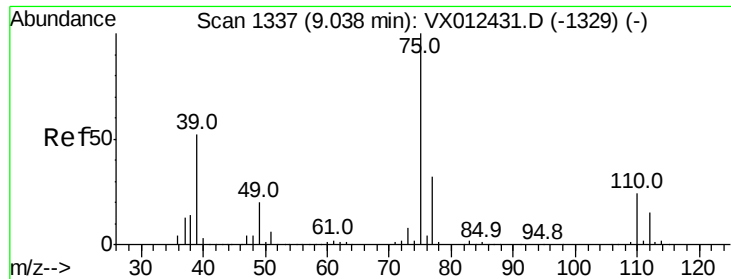
91 167.5 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

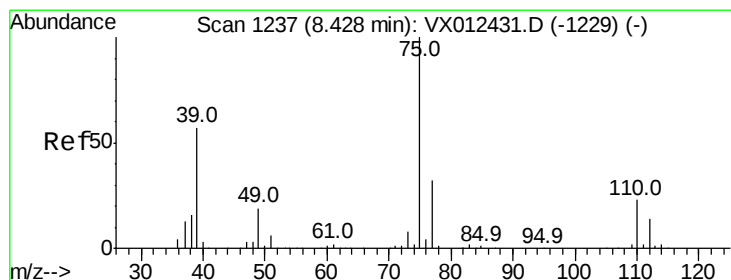
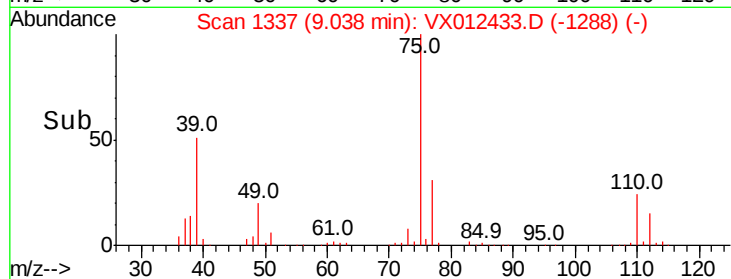
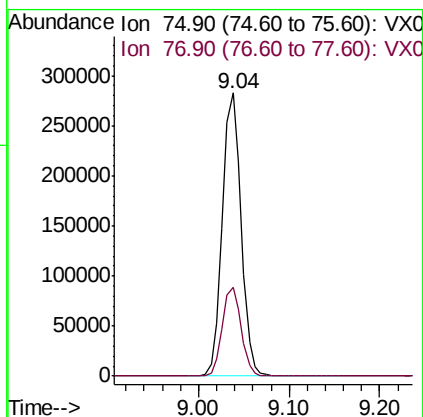
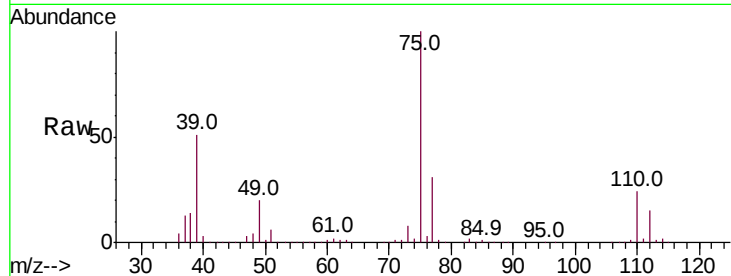




#53
 t-1,3-Dichloropropene
 Concen: 172.739 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012433.D
 Acq: 17 Sep 2019 13:56

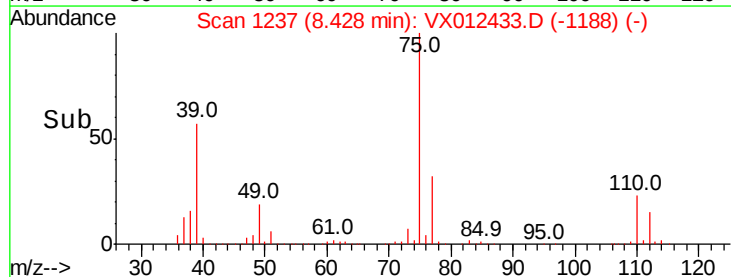
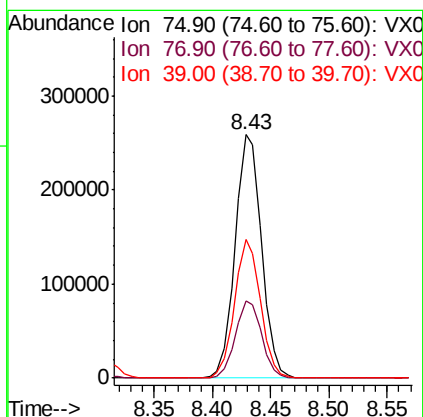
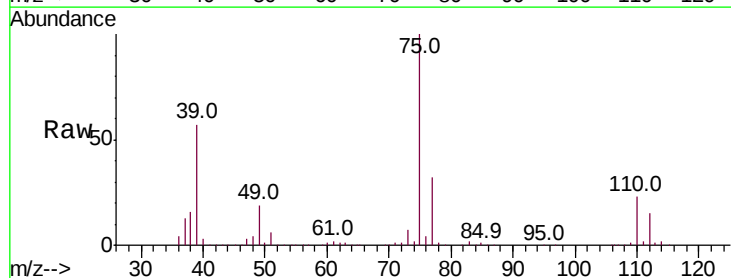
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

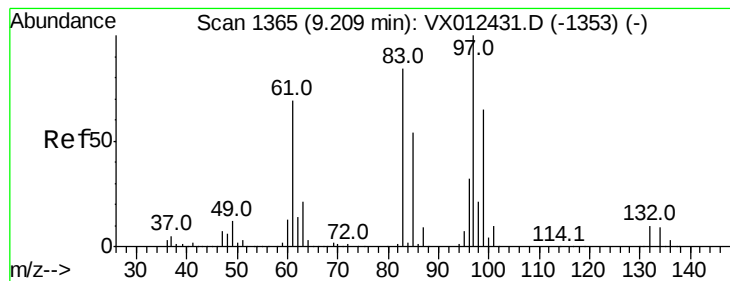
Tot Ion: 75 Resp: 408244
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 166.127 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012433.D
 Acq: 17 Sep 2019 13:56

Tgt Ion: 75 Resp: 409401
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.8 38.8
 39 57.1 45.5 68.3





#55

1,1,2-Trichloroethane

Concen: 153.462 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 97 Resp: 267238

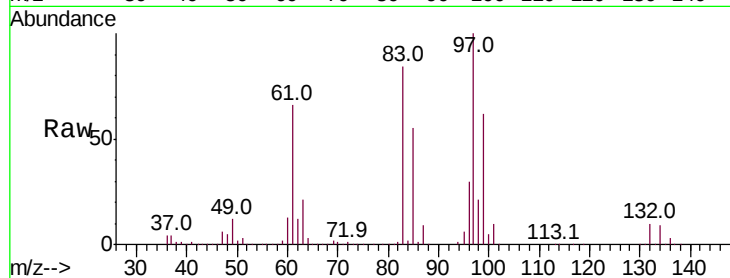
Ion Ratio Lower Upper

97 100

83 83.9 67.4 101.2

85 55.1 43.5 65.3

99 61.8 51.8 77.8

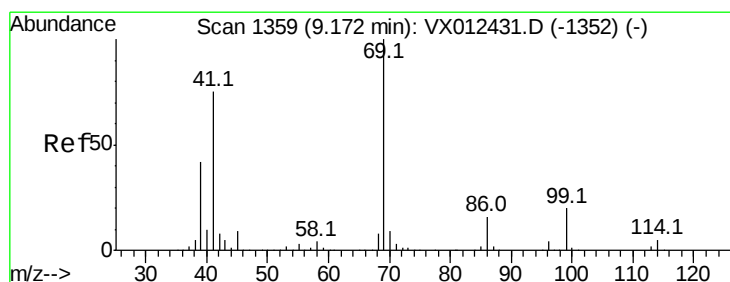
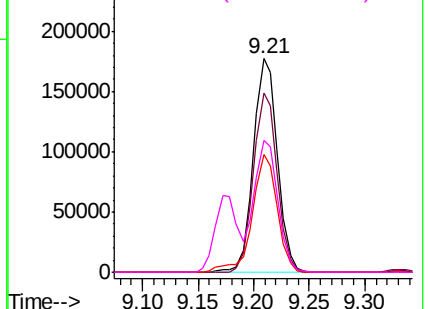
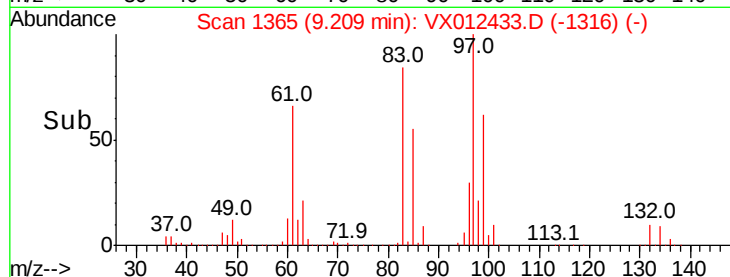


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 171.198 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

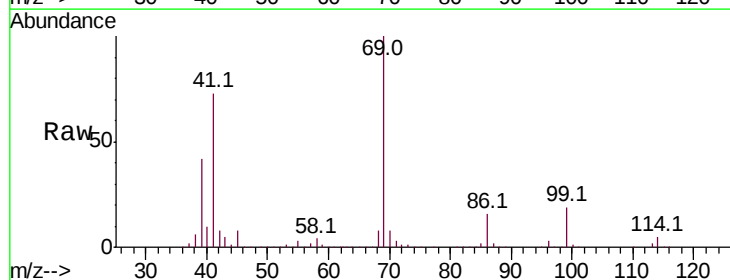
Tgt Ion: 69 Resp: 457139

Ion Ratio Lower Upper

69 100

41 72.5 58.4 87.6

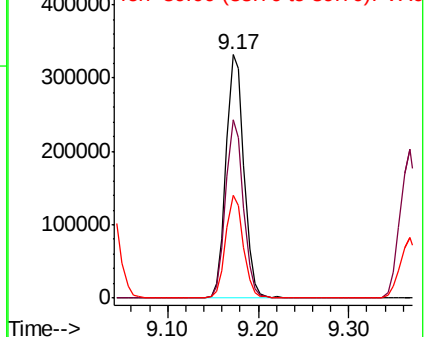
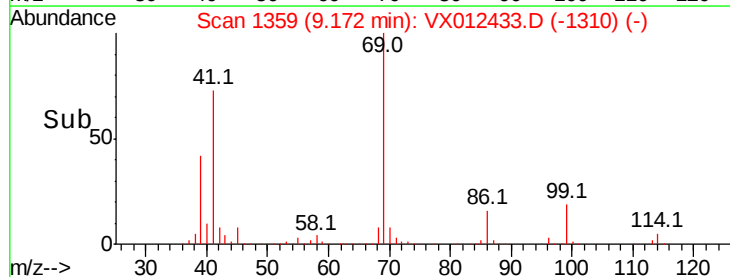
39 41.4 33.4 50.0

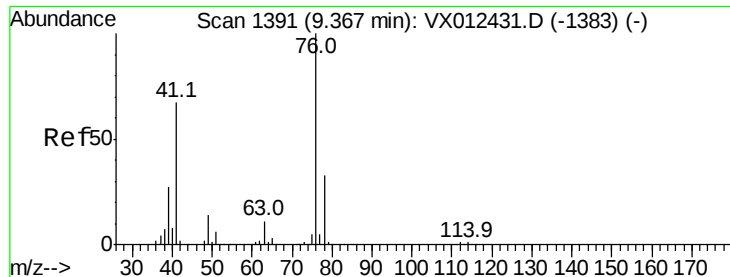


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 155.171 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

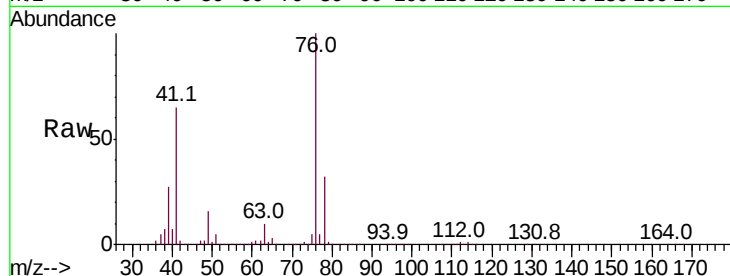
VSTDIC150

Tot Ion: 76 Resp: 430317

Ion Ratio Lower Upper

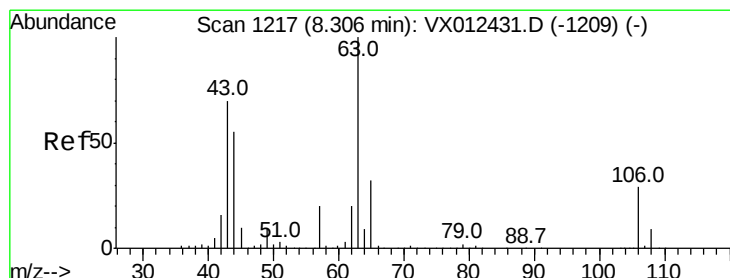
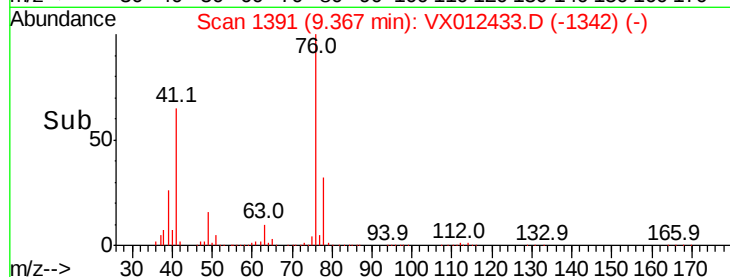
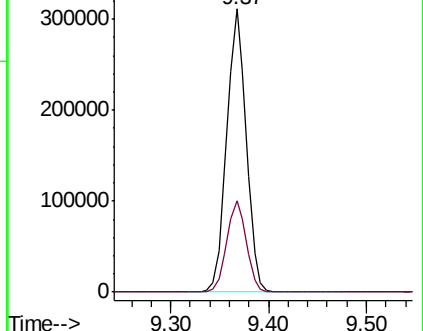
76 100

78 32.7 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 817.740 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012433.D

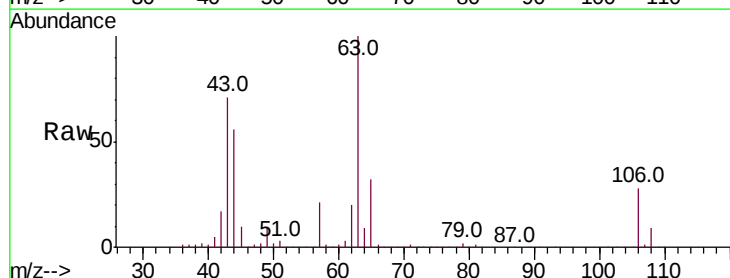
Acq: 17 Sep 2019 13:56

Tgt Ion: 63 Resp: 1139764

Ion Ratio Lower Upper

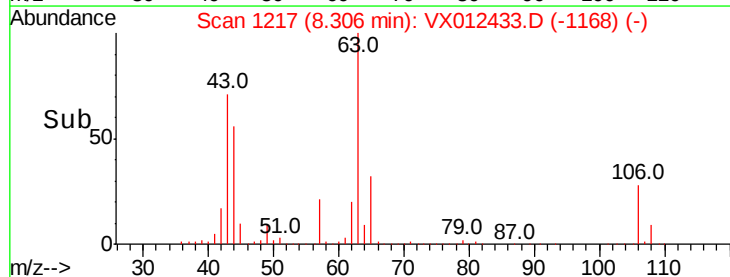
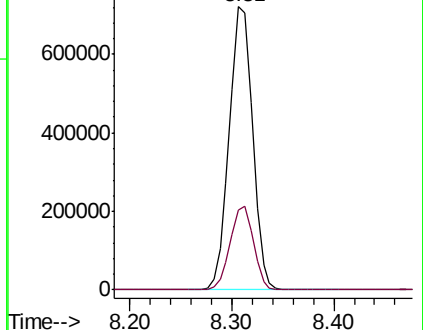
63 100

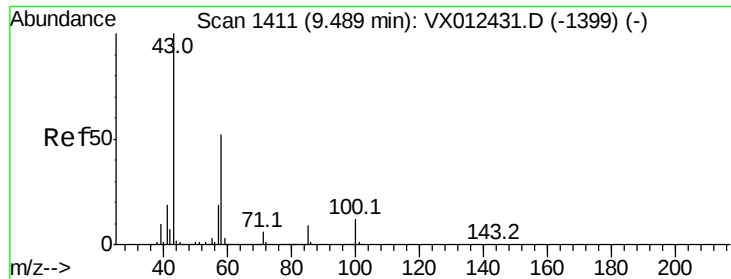
106 29.5 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

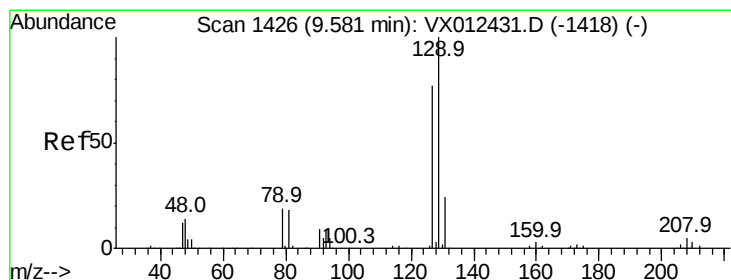
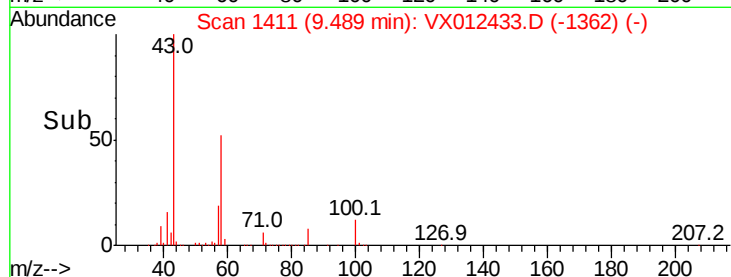
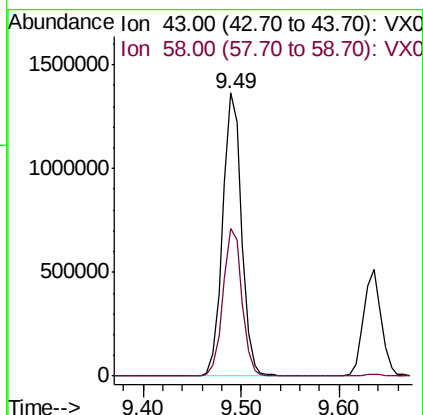
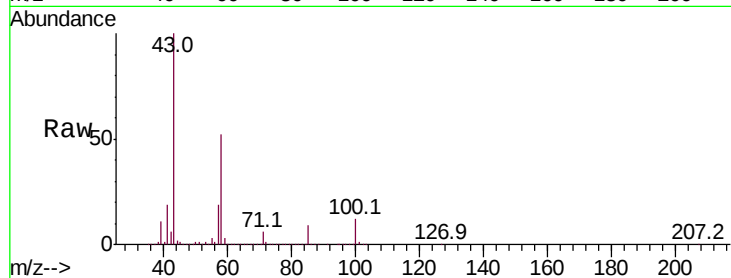




#59
2-Hexanone
Concen: 785.112 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

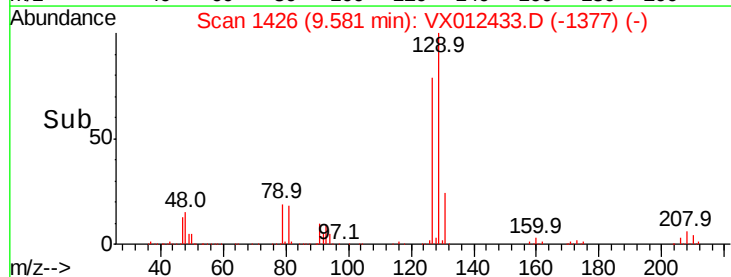
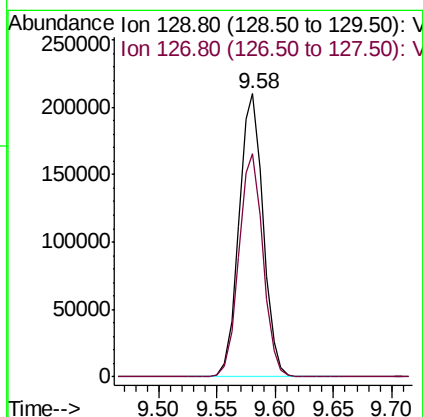
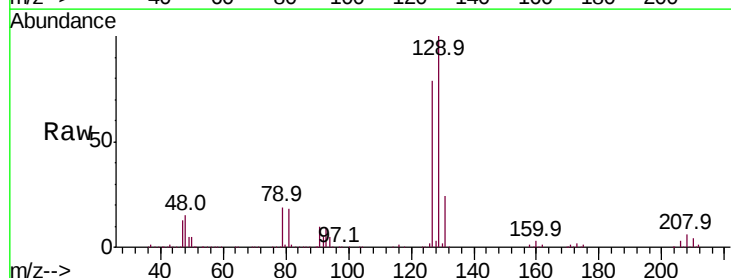
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

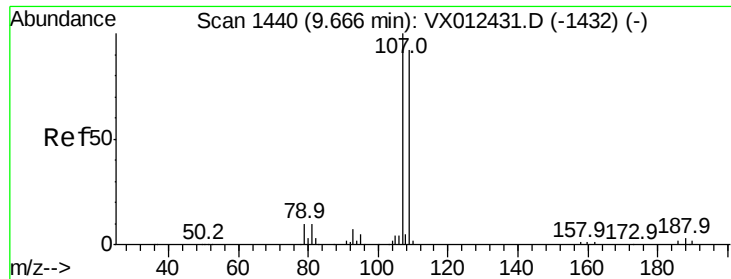
Tot Ion: 43 Resp: 1818338
Ion Ratio Lower Upper
43 100
58 52.5 25.7 77.1



#60
Dibromochloromethane
Concen: 175.469 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Tgt Ion: 129 Resp: 303845
Ion Ratio Lower Upper
129 100
127 78.6 38.9 116.6





#61

1,2-Dibromoethane

Concen: 162.182 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

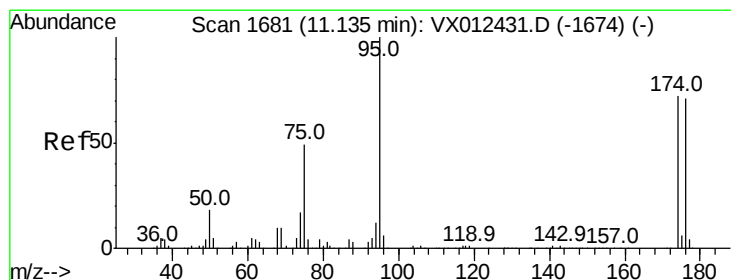
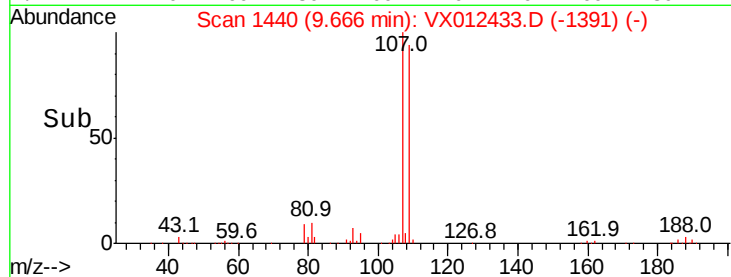
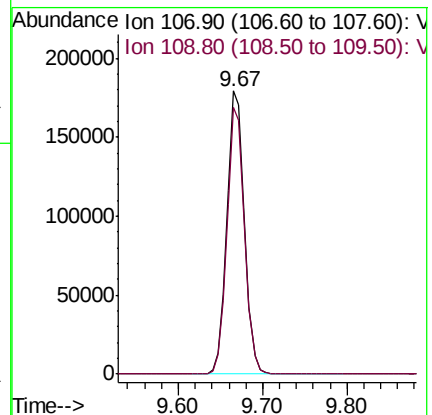
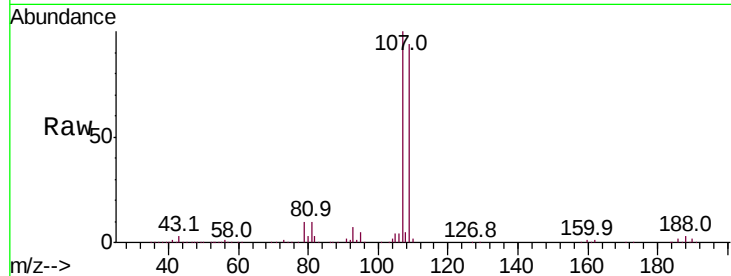
VSTDIC150

Tot Ion:107 Resp: 255472

Ion Ratio Lower Upper

107 100

109 94.1 74.7 112.1



#62

4-Bromofluorobenzene

Concen: 158.686 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

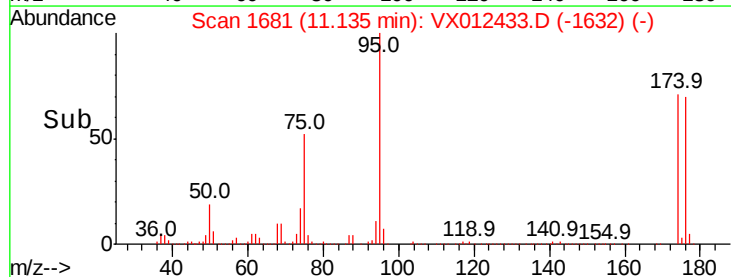
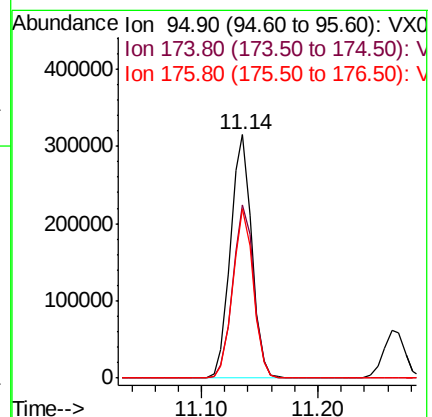
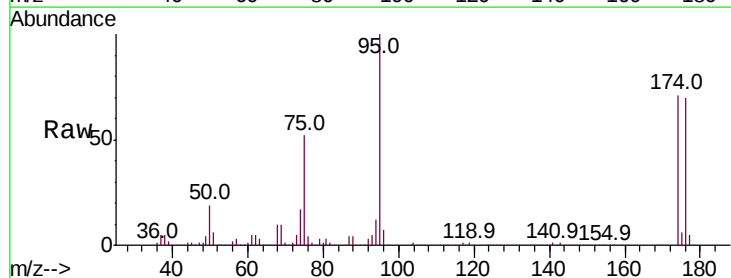
Tgt Ion: 95 Resp: 397581

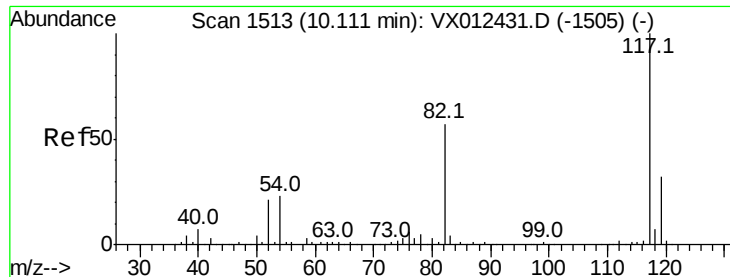
Ion Ratio Lower Upper

95 100

174 71.2 0.0 140.0

176 68.1 0.0 135.4

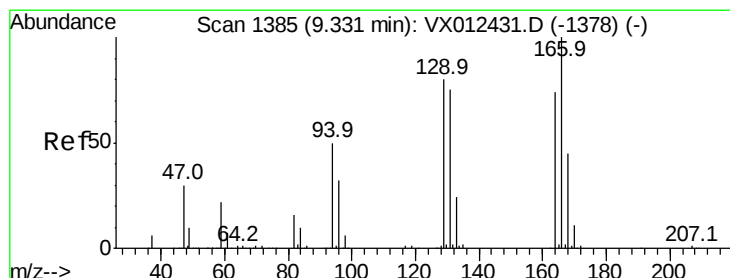
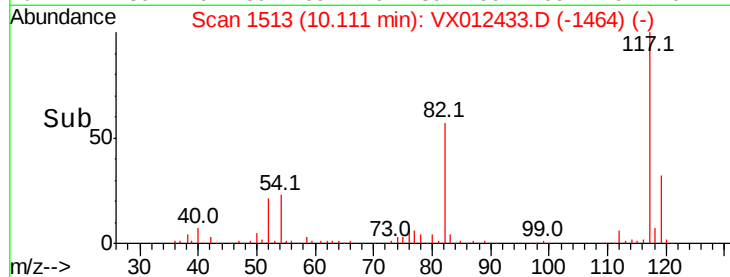
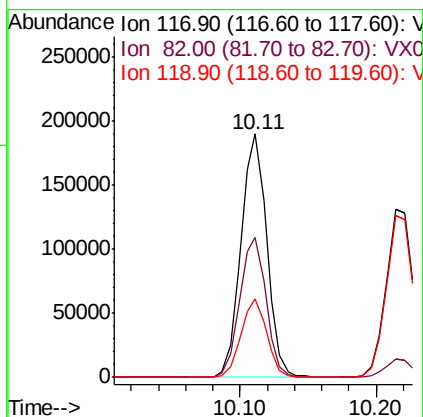
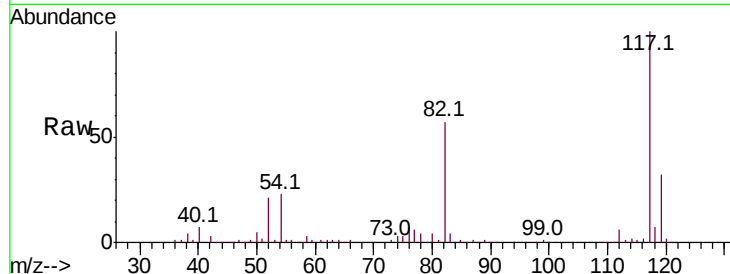




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

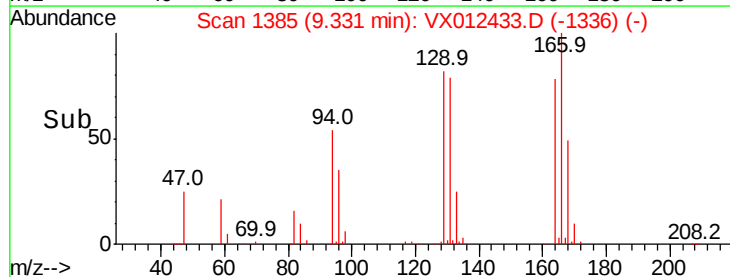
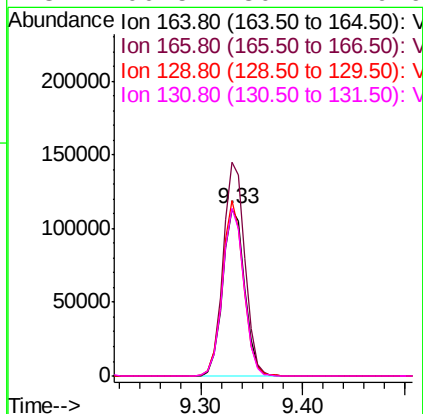
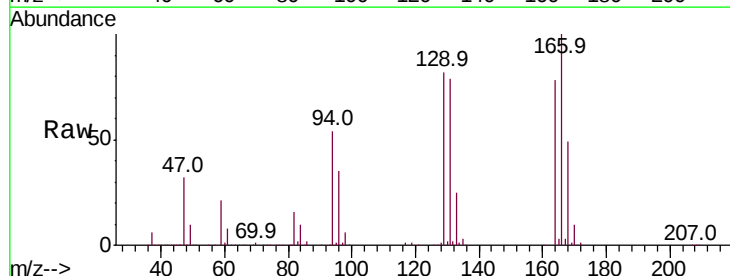
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

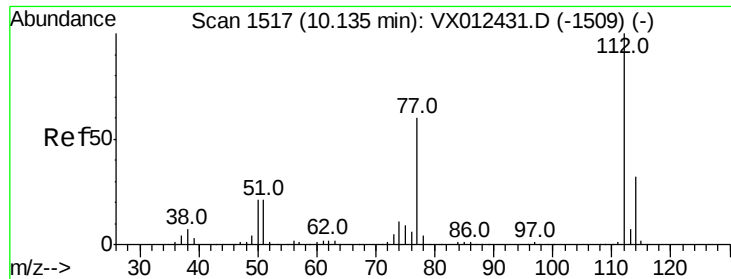
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	45.9	68.9
119	32.2	25.3	37.9



#64
Tetrachloroethene
Concen: 145.359 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	107.8	161.6
129	105.4	86.2	129.2
131	100.5	80.4	120.6

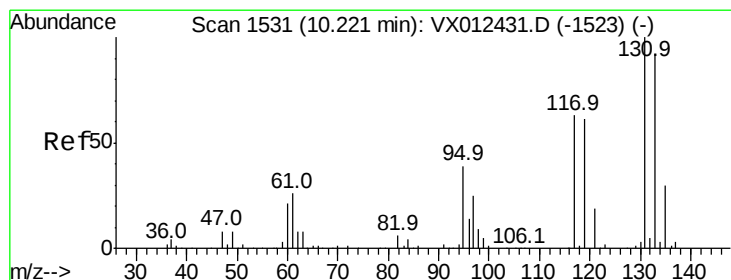
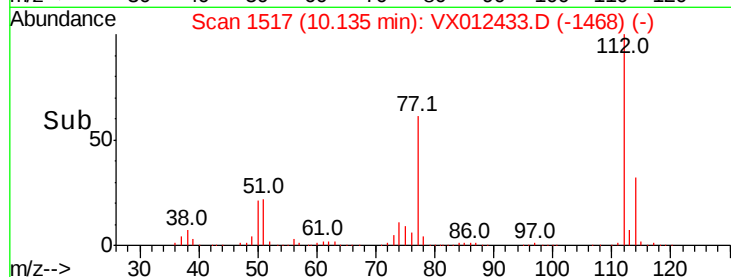
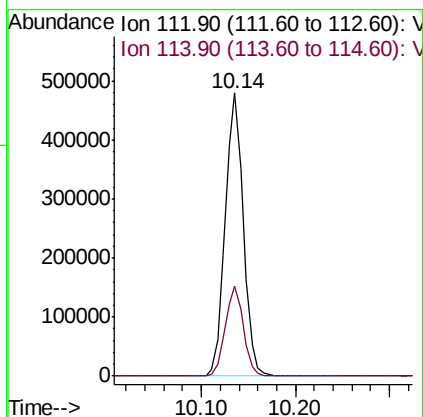
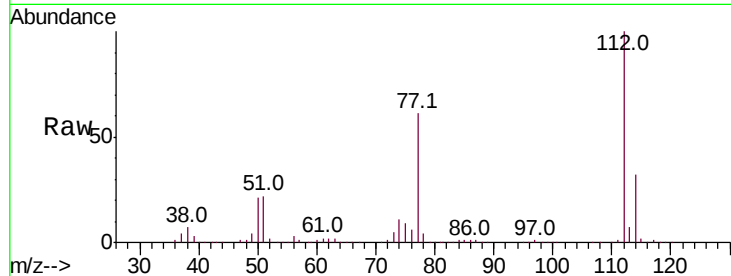




#65
Chlorobenzene
Concen: 154.585 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

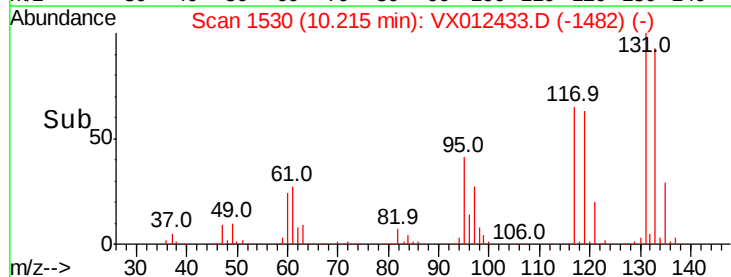
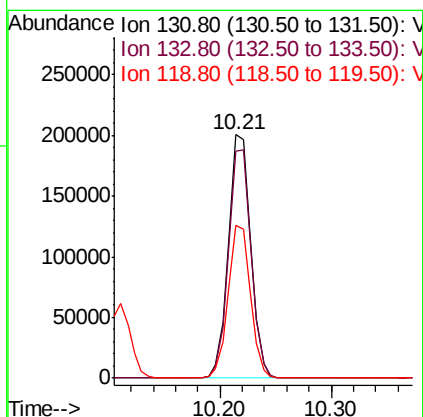
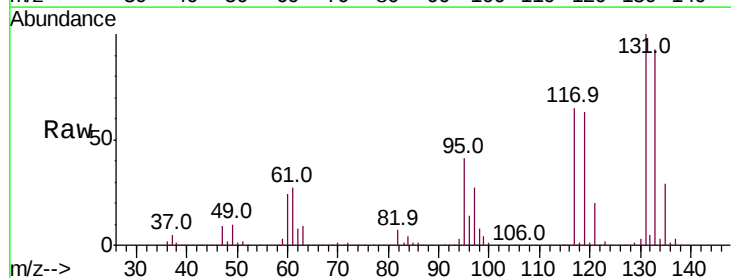
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

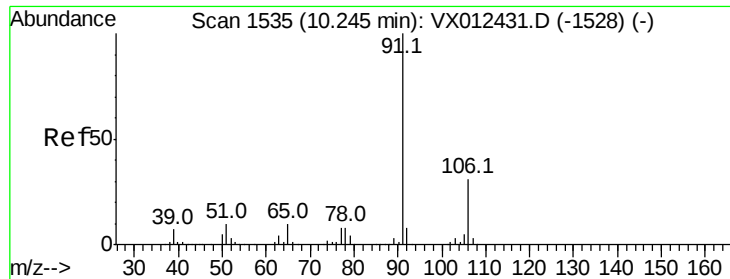
Tot Ion:112 Resp: 637552
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 164.083 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Tgt Ion:131 Resp: 277939
Ion Ratio Lower Upper
131 100
133 95.0 47.6 142.9
119 63.1 31.3 93.8





#67

Ethyl Benzene

Concen: 156.472 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

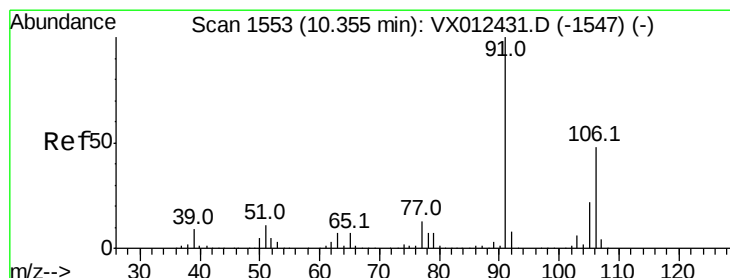
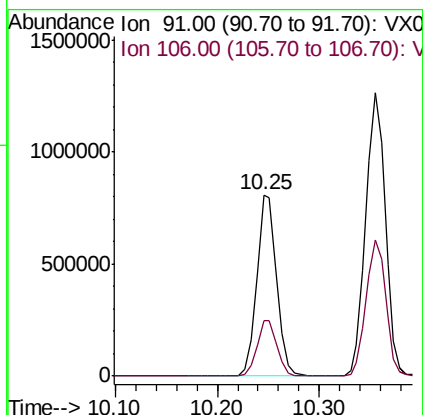
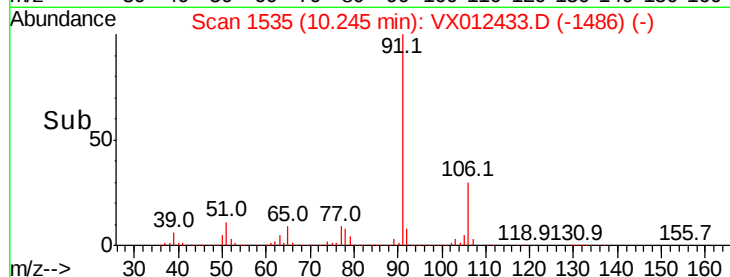
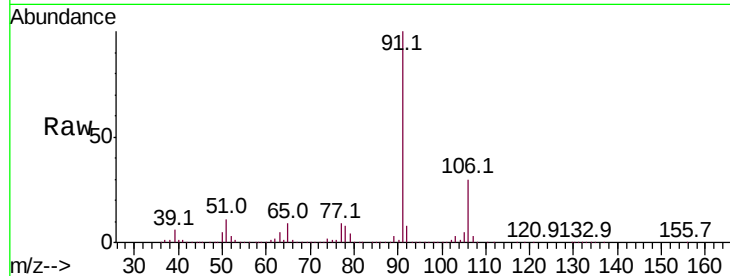
VSTDIC150

Tot Ion: 91 Resp: 1106417

Ion Ratio Lower Upper

91 100

106 30.5 24.6 37.0



#68

m/p-Xylenes

Concen: 319.478 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012433.D

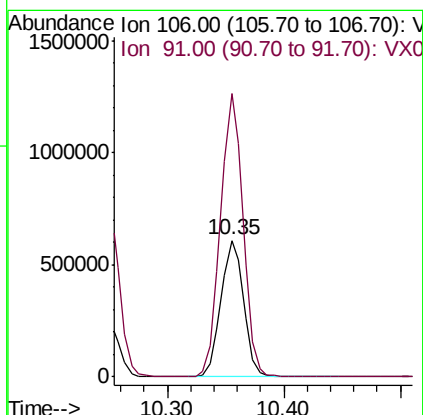
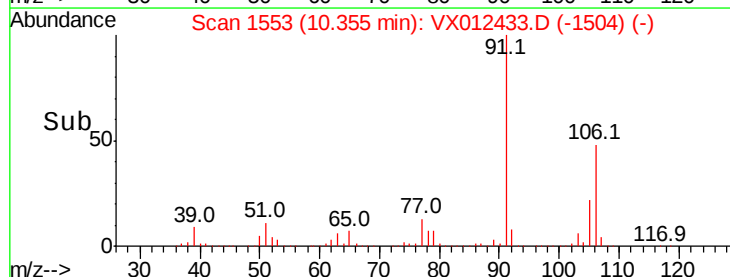
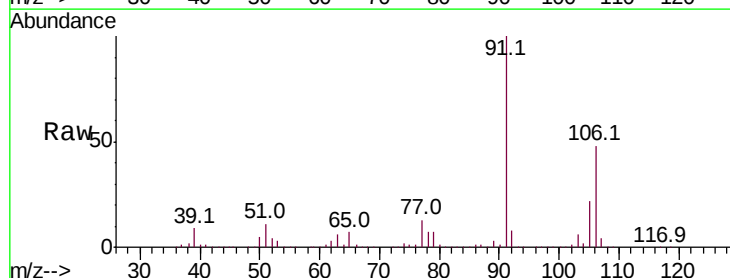
Acq: 17 Sep 2019 13:56

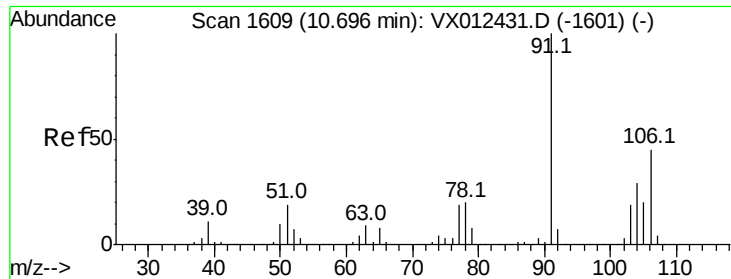
Tgt Ion: 106 Resp: 818999

Ion Ratio Lower Upper

106 100

91 206.6 166.6 250.0

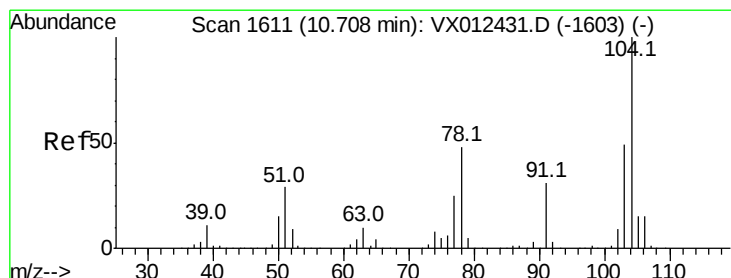
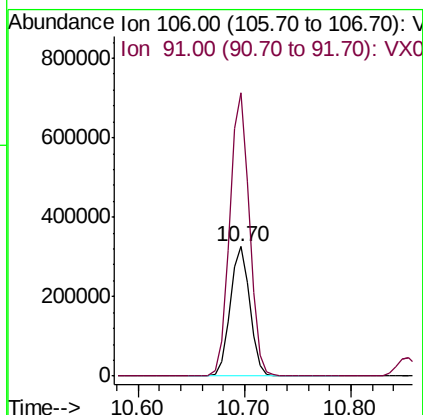
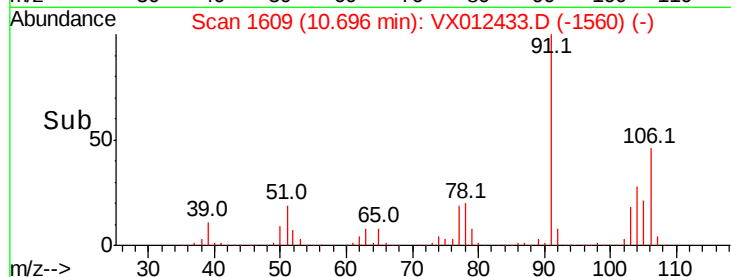
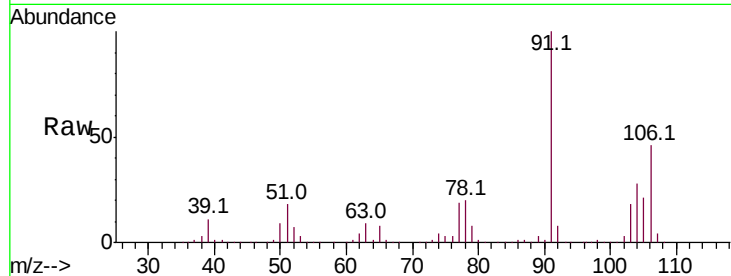




#69
o-Xylene
Concen: 160.339 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

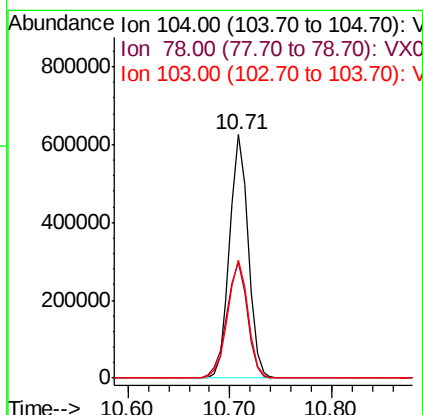
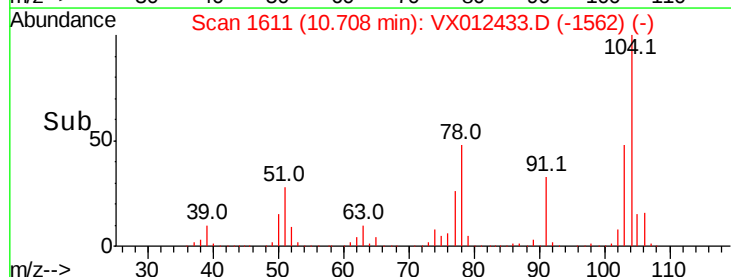
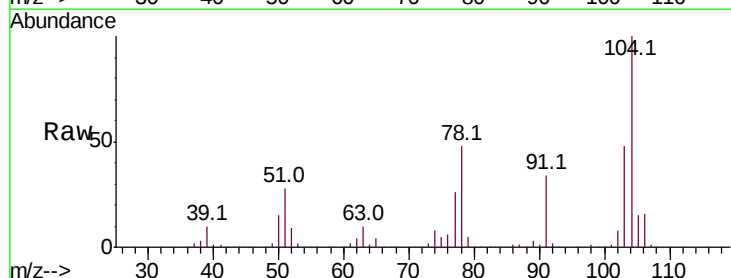
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

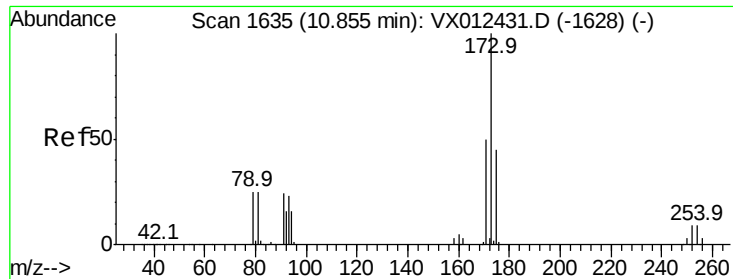
Tot Ion:106 Resp: 422438
Ion Ratio Lower Upper
106 100
91 219.0 109.4 328.2



#70
Styrene
Concen: 170.865 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Tgt Ion:104 Resp: 787380
Ion Ratio Lower Upper
104 100
78 53.1 43.4 65.2
103 52.9 43.3 64.9





#71

Bromoform

Concen: 190.061 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

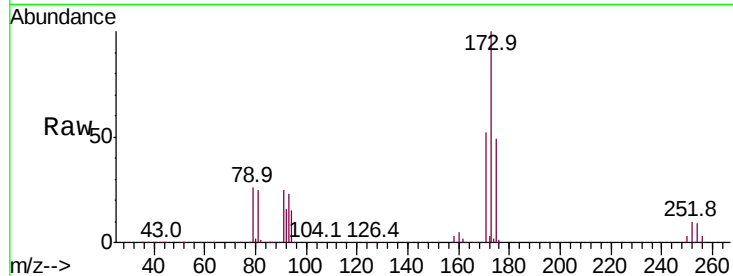
Tot Ion:173 Resp: 234131

Ion Ratio Lower Upper

173 100

175 48.6 23.7 71.1

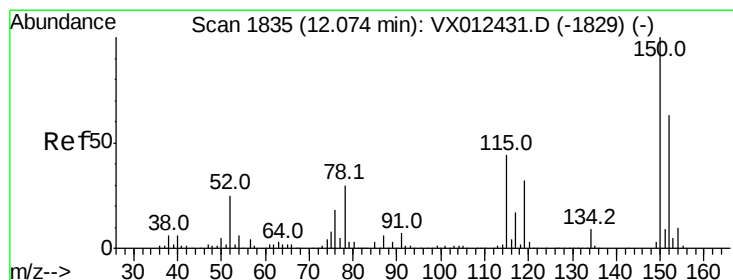
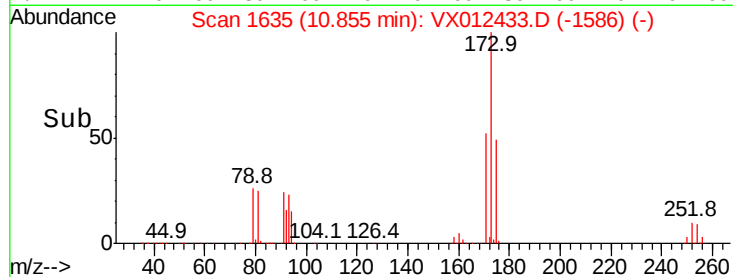
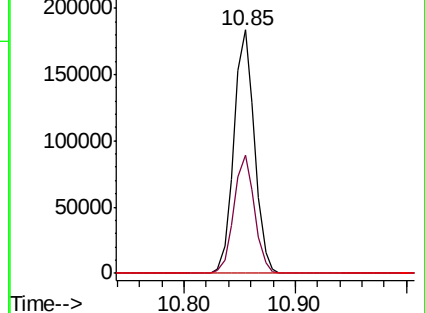
254 0.1 0.1 0.1#



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: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

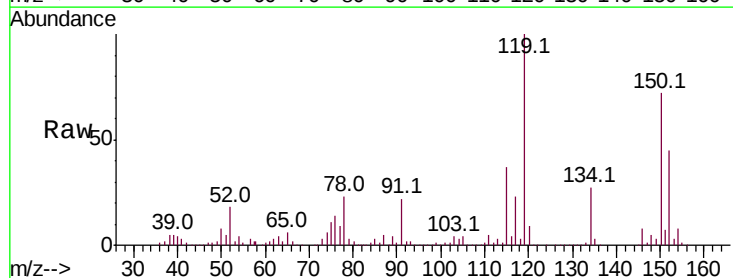
Tgt Ion:152 Resp: 125987

Ion Ratio Lower Upper

152 100

115 132.4 44.1 132.3#

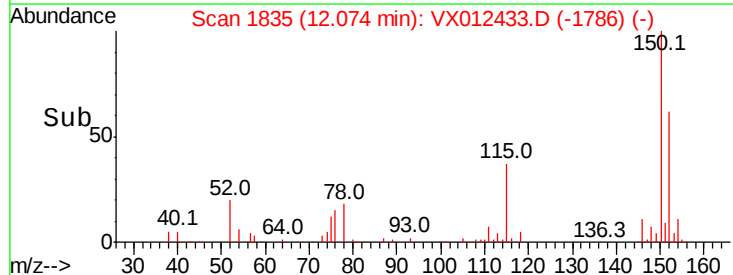
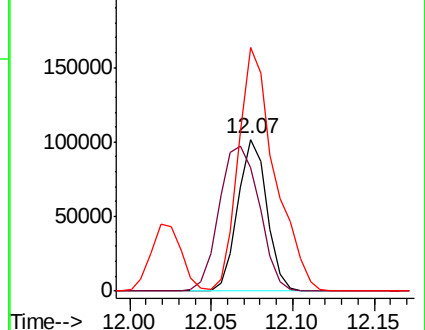
150 201.5 0.0 343.8

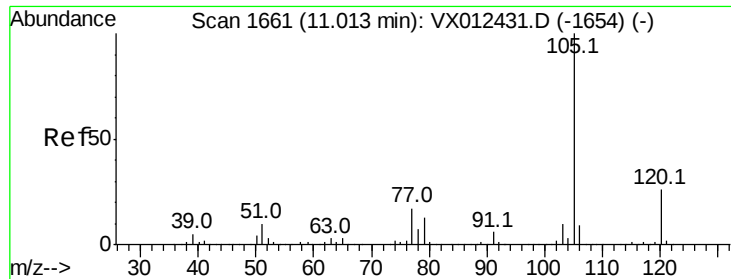


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 151.007 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampled :

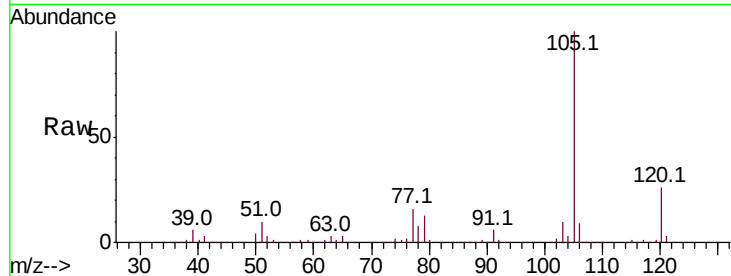
VSTDIC150

Tot Ion:105 Resp: 1192368

Ion Ratio Lower Upper

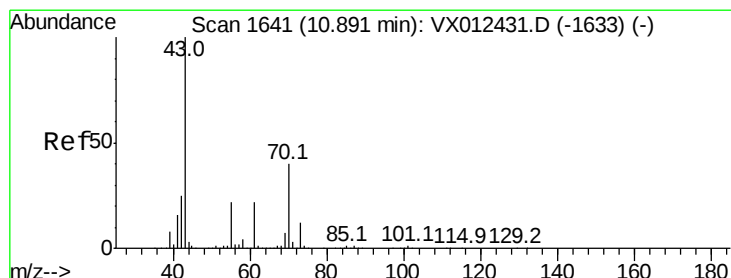
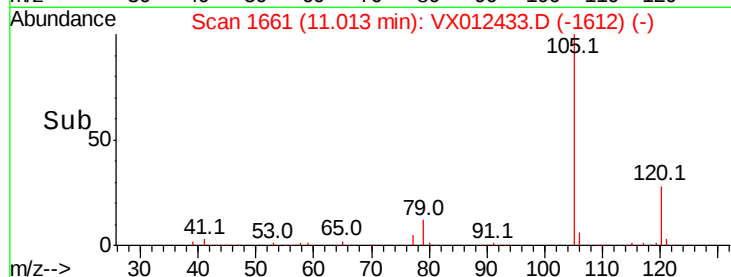
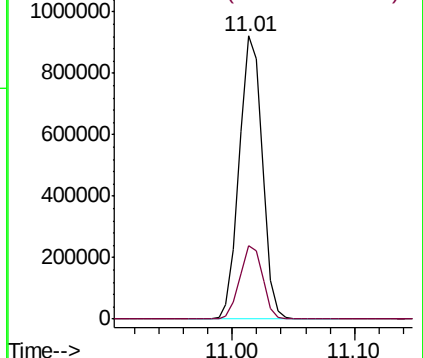
105 100

120 26.0 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 160.645 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Tgt Ion: 43 Resp: 675693

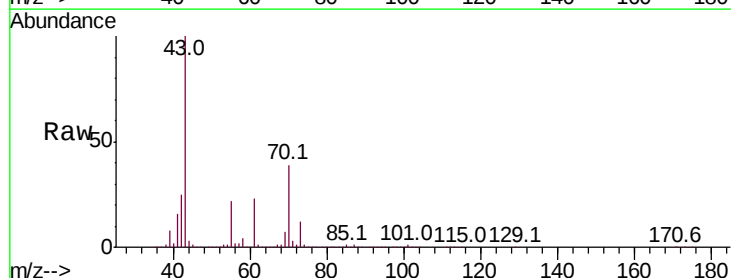
Ion Ratio Lower Upper

43 100

70 40.1 32.4 48.6

55 22.6 18.2 27.4

61 23.6 18.5 27.7

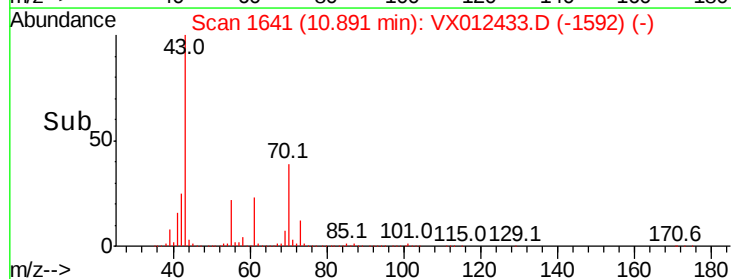
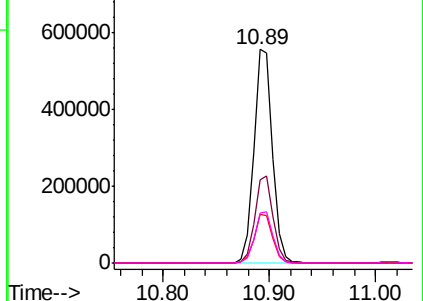


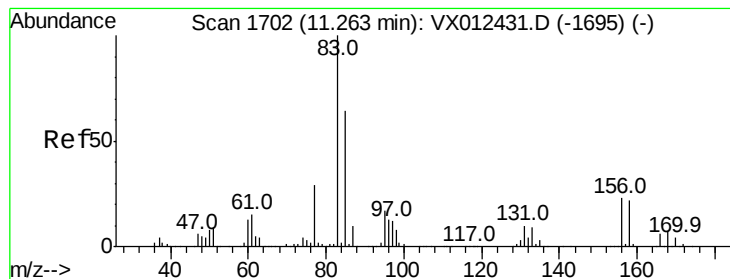
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 151.395 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

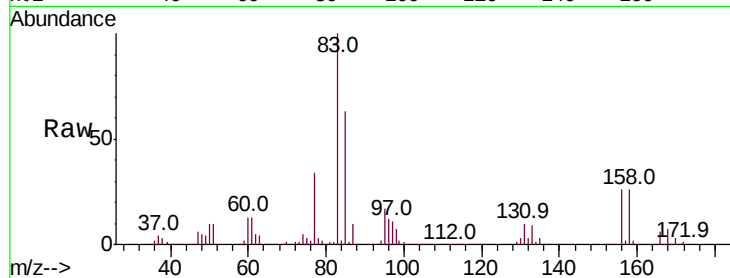
Tot Ion: 83 Resp: 468736

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

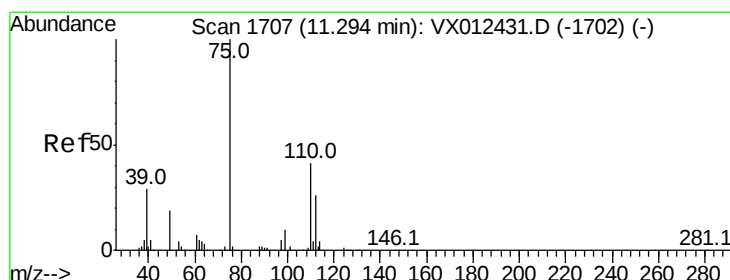
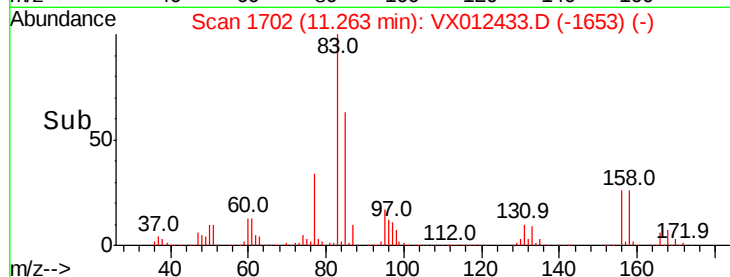
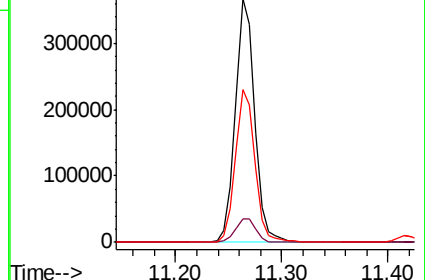
85 63.8 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 192.983 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012433.D

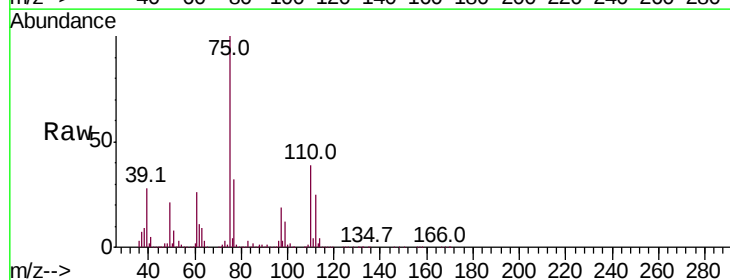
Acq: 17 Sep 2019 13:56

Tgt Ion: 75 Resp: 557944

Ion Ratio Lower Upper

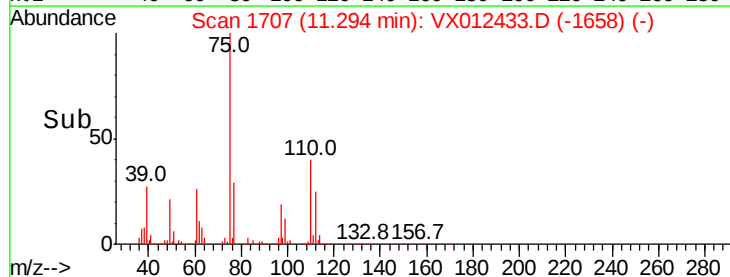
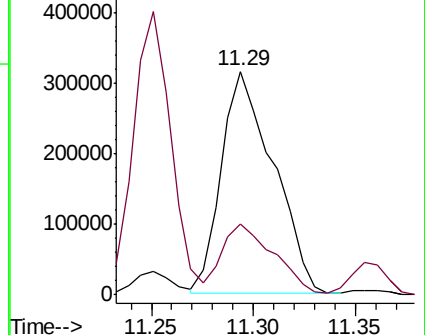
75 100

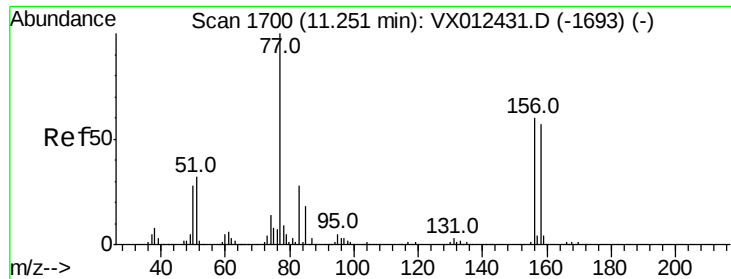
77 31.9 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 157.177 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

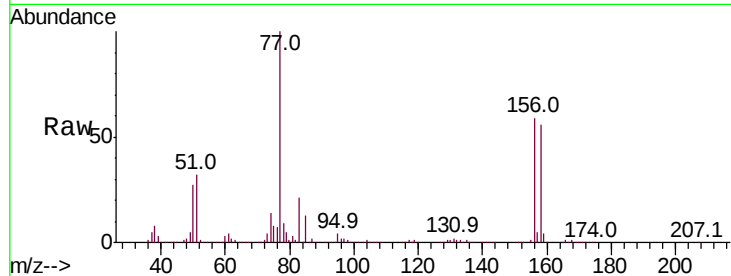
Tot Ion:156 Resp: 300620

Ion Ratio Lower Upper

156 100

77 172.0 87.3 261.8

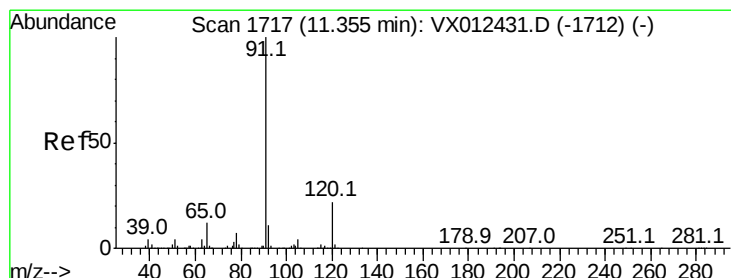
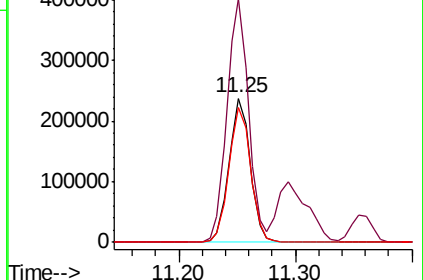
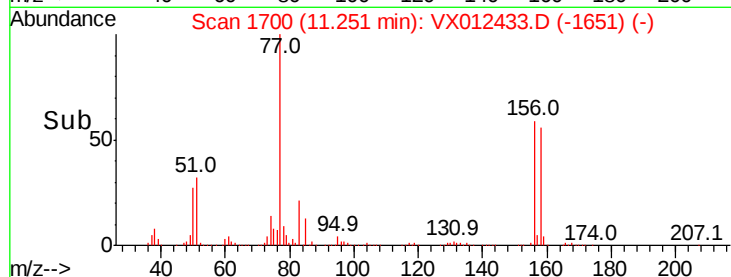
158 96.3 48.5 145.6



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: 158.438 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012433.D

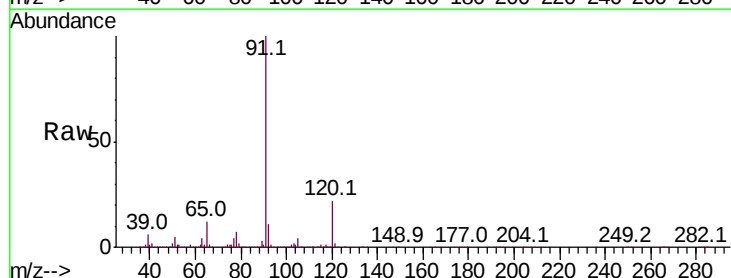
Acq: 17 Sep 2019 13:56

Tgt Ion: 91 Resp: 1382939

Ion Ratio Lower Upper

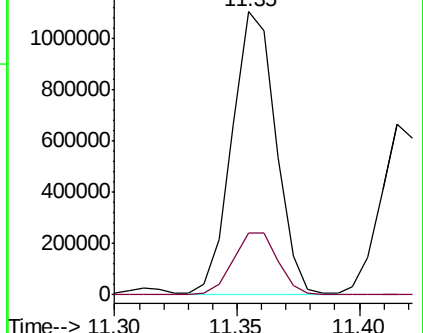
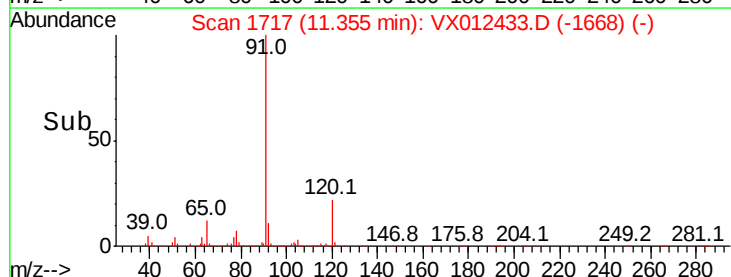
91 100

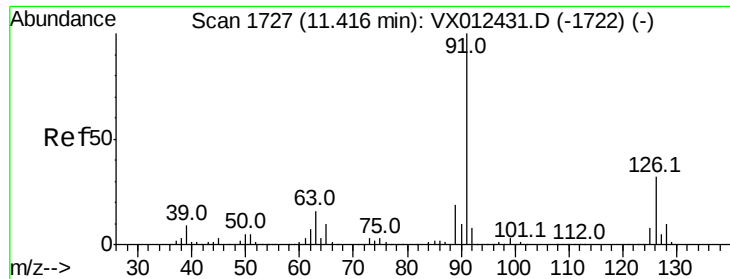
120 22.6 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

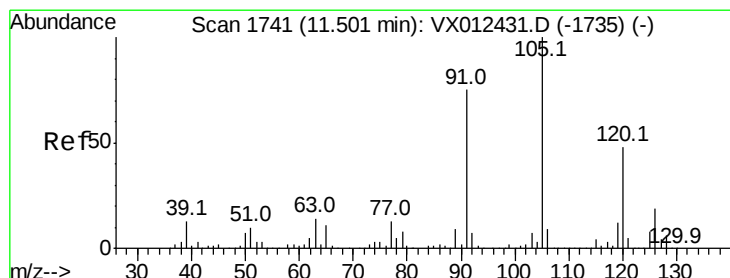
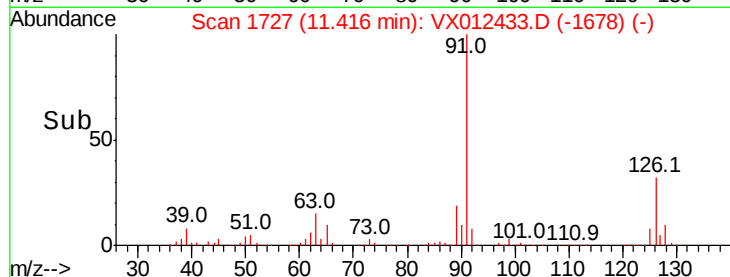
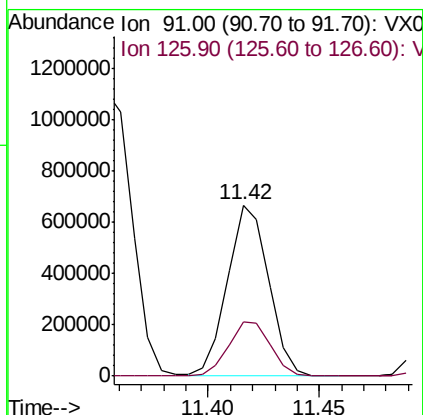
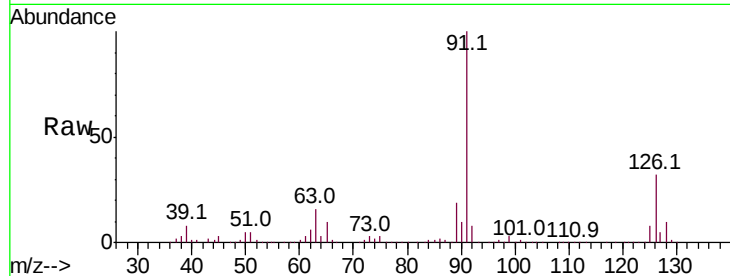




#79
 2-Chlorotoluene
 Concen: 150.021 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012433.D
 Acq: 17 Sep 2019 13:56

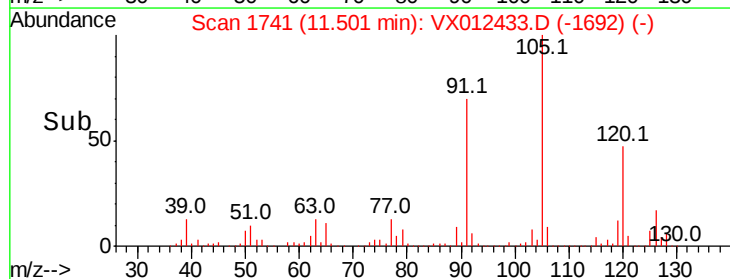
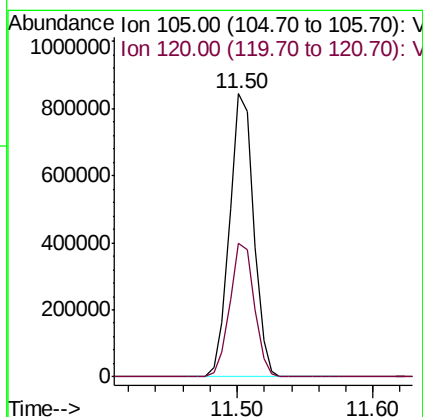
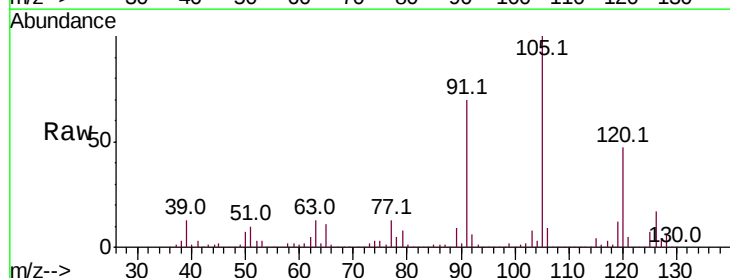
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

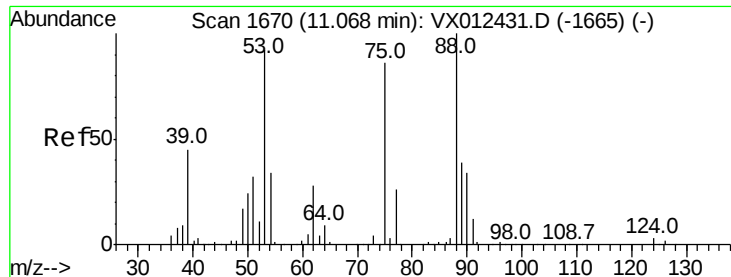
Tot Ion: 91 Resp: 859848
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 155.129 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012433.D
 Acq: 17 Sep 2019 13:56

Tgt Ion:105 Resp: 1039899
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 175.316 ug/l

RT: 11.07 min Scan# 1671

Delta R.T. 0.01 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

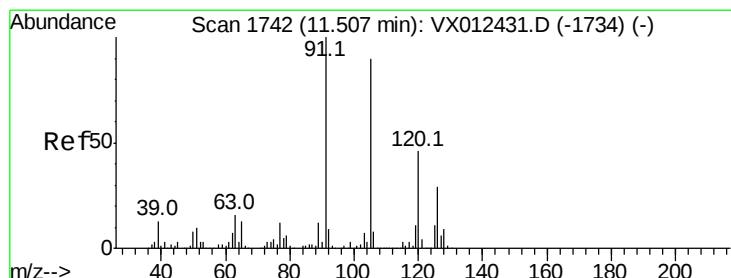
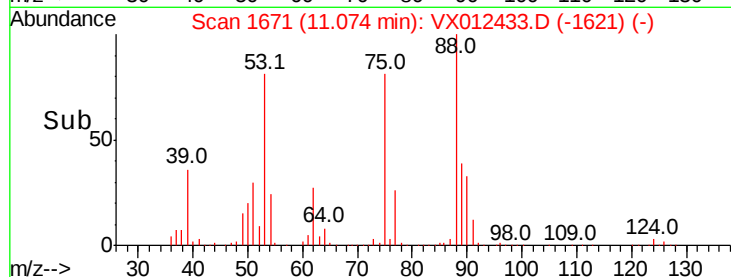
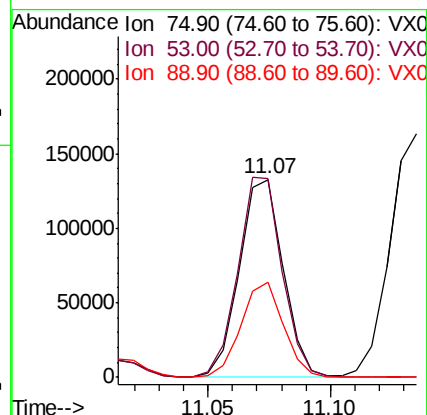
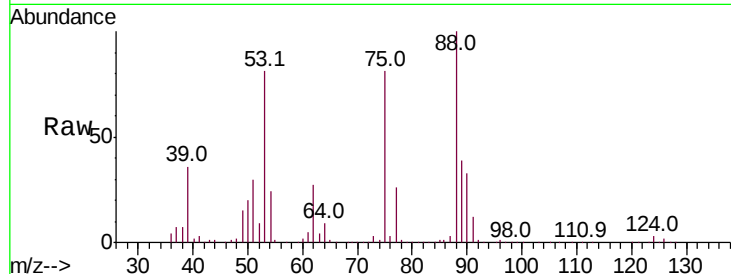
Tot Ion: 75 Resp: 165255

Ion Ratio Lower Upper

75 100

53 101.9 83.6 125.4

89 47.0 36.3 54.5



#82

4-Chlorotoluene

Concen: 153.470 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012433.D

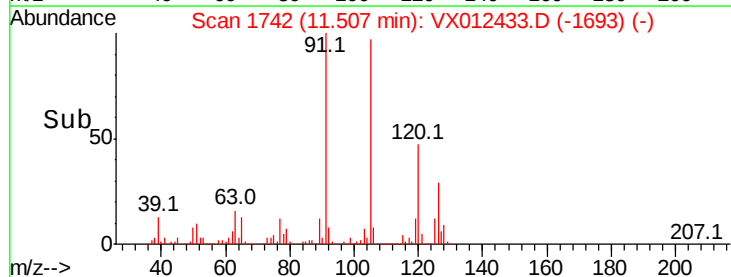
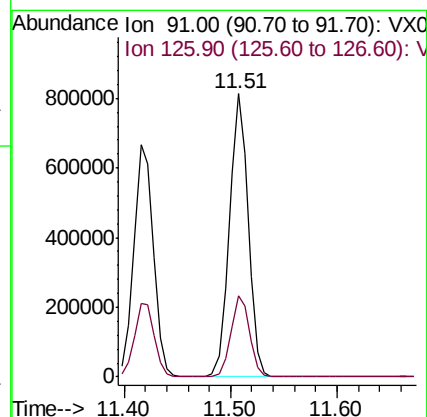
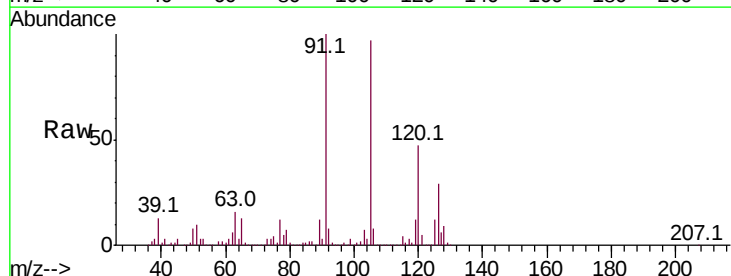
Acq: 17 Sep 2019 13:56

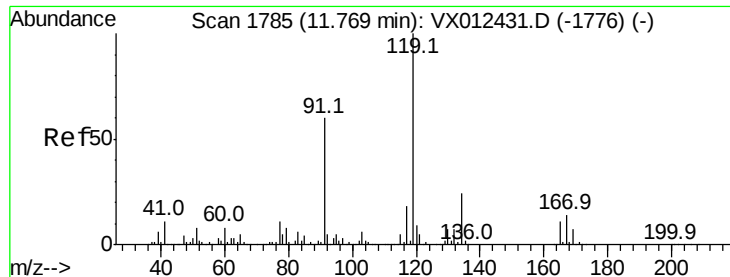
Tgt Ion: 91 Resp: 1005682

Ion Ratio Lower Upper

91 100

126 28.5 14.4 43.0

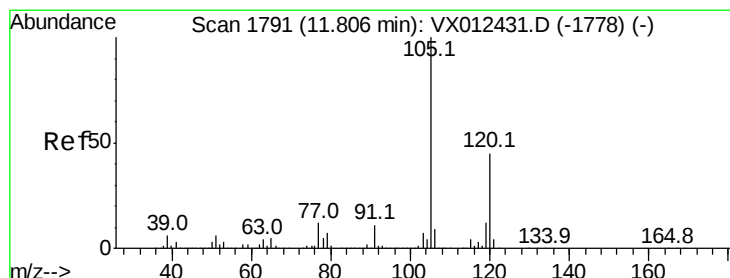
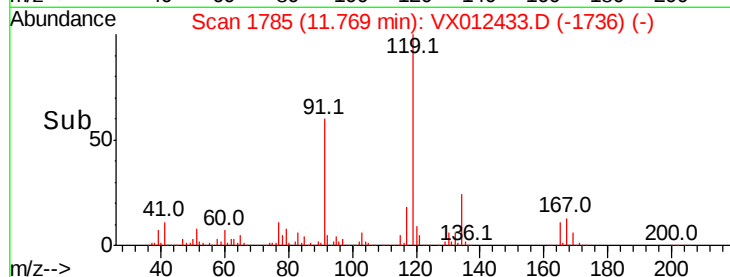
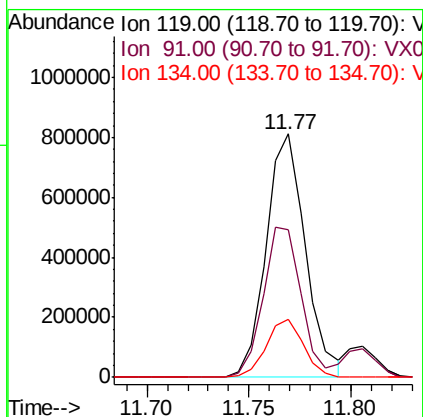
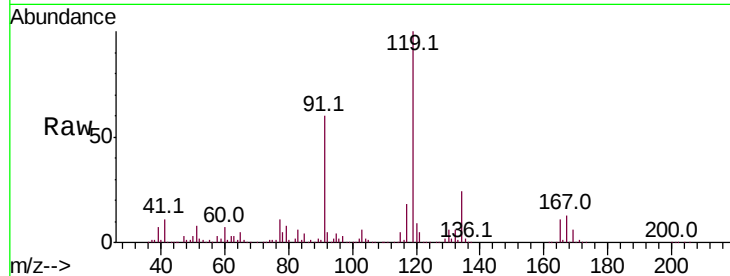




#83
tert-Butylbenzene
Concen: 150.357 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

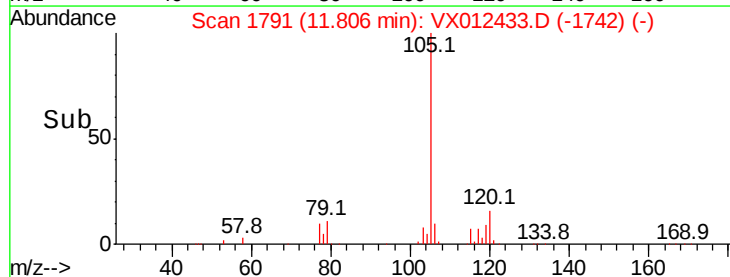
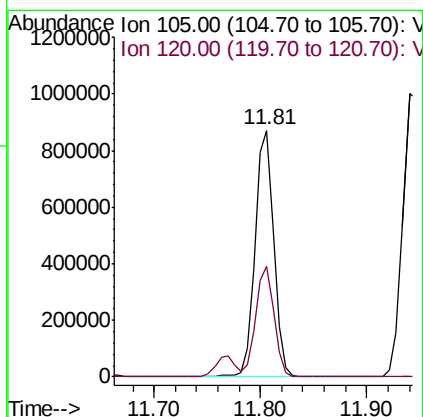
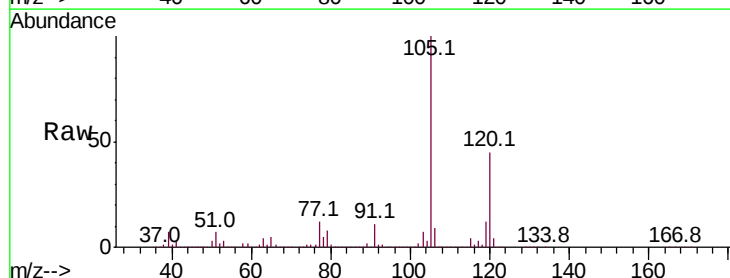
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

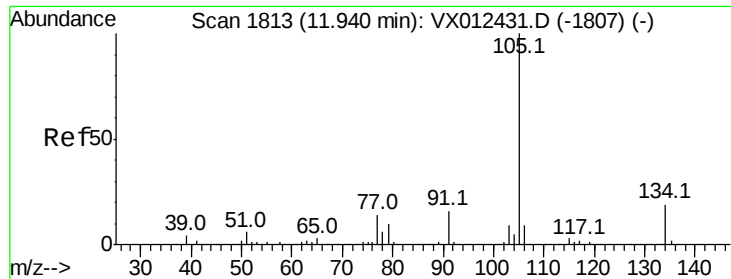
Tot Ion:119 Resp: 1085745
Ion Ratio Lower Upper
119 100
91 59.5 30.0 90.0
134 22.7 11.3 33.9



#84
1,2,4-Trimethylbenzene
Concen: 156.161 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Tgt Ion:105 Resp: 1073614
Ion Ratio Lower Upper
105 100
120 44.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 157.656 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

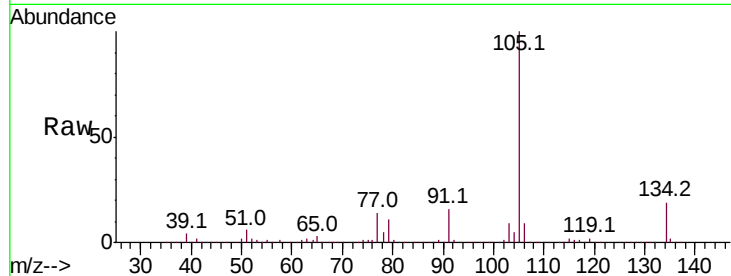
VSTDIC150

Tot Ion:105 Resp: 1244403

Ion Ratio Lower Upper

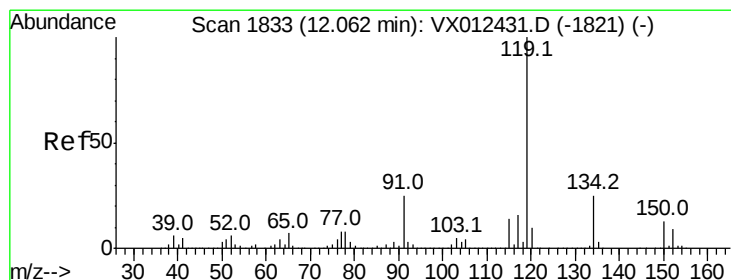
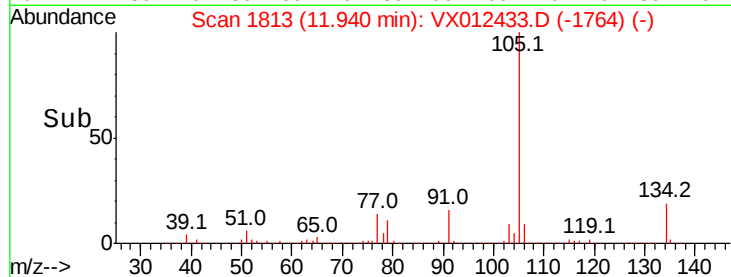
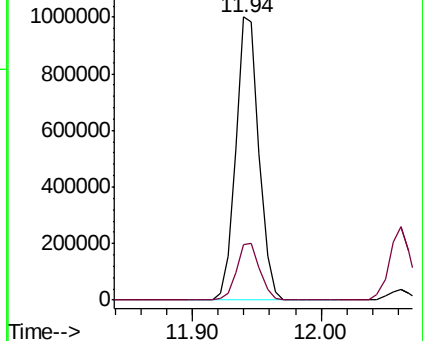
105 100

134 20.2 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 161.175 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

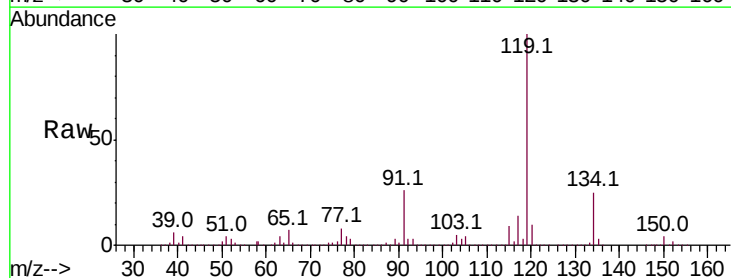
Tgt Ion:119 Resp: 1163665

Ion Ratio Lower Upper

119 100

134 25.5 12.7 38.1

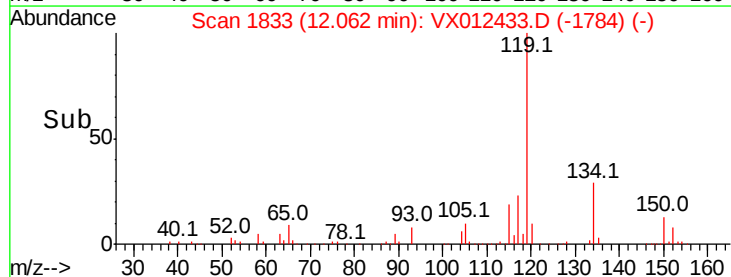
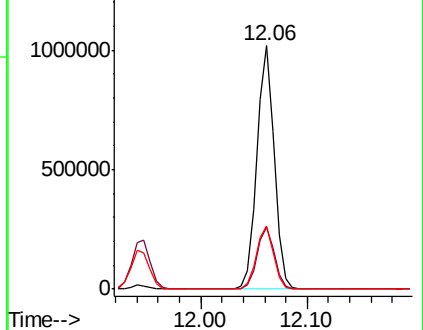
91 25.6 12.8 38.4

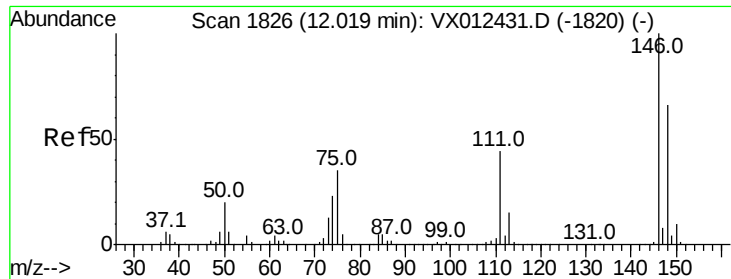


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 157.462 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

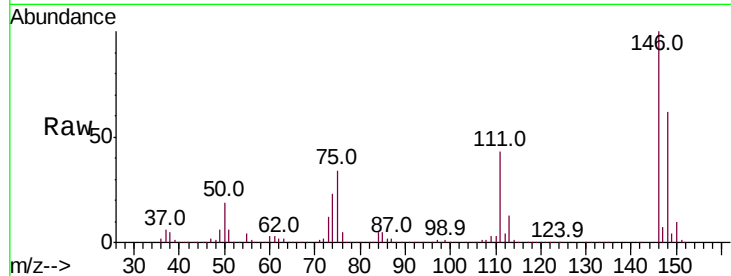
MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:146 Resp: 566339

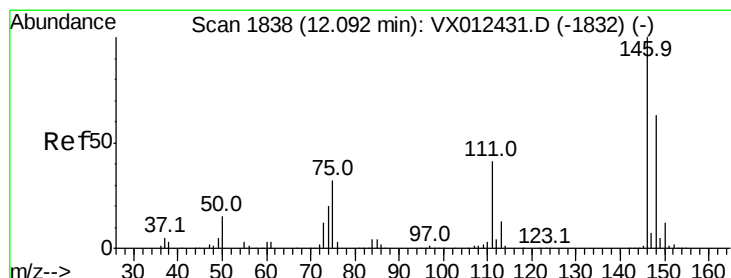
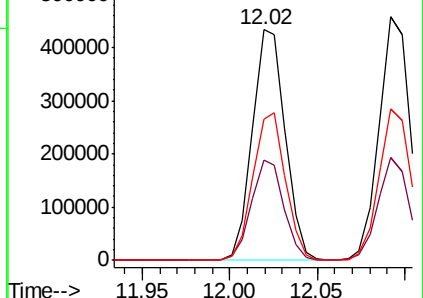
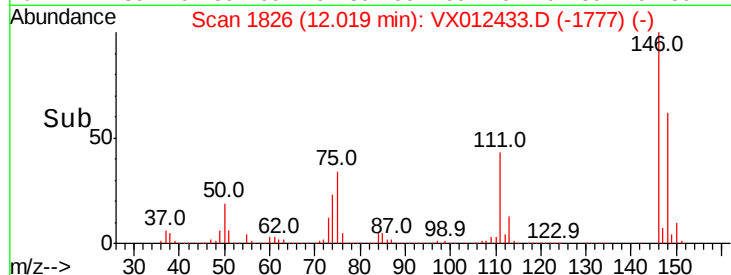
Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.3	64.0
148	63.4	32.4	97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 153.082 ug/l

RT: 12.09 min Scan# 1838

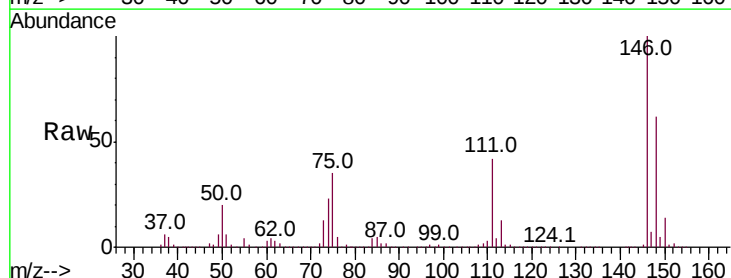
Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Tgt Ion:146 Resp: 568311

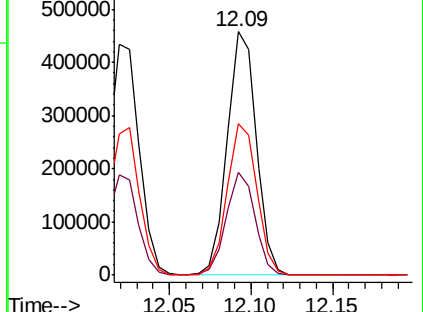
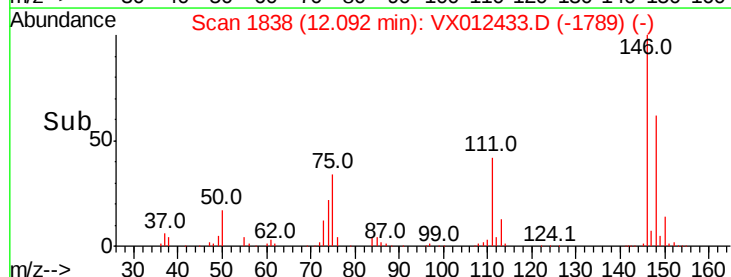
Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.1	63.3
148	63.3	32.1	96.5

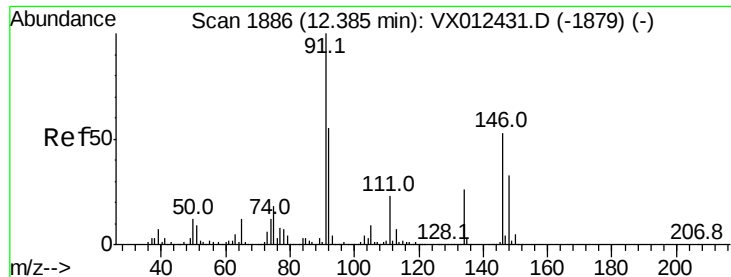


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 163.406 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012433.D

Acq: 17 Sep 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

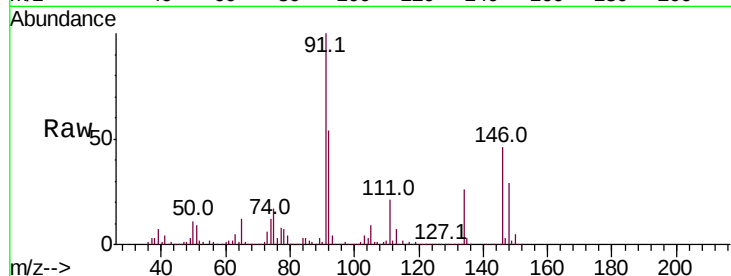
Tot Ion: 91 Resp: 1050077

Ion Ratio Lower Upper

91 100

92 54.7 27.7 83.0

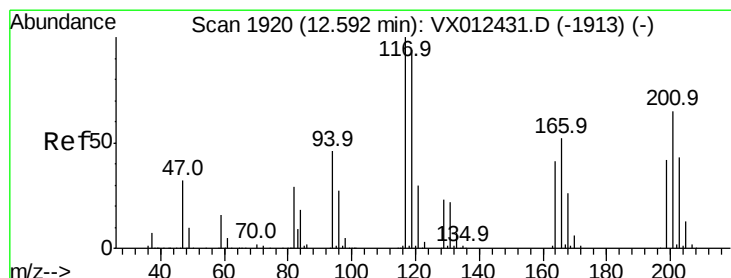
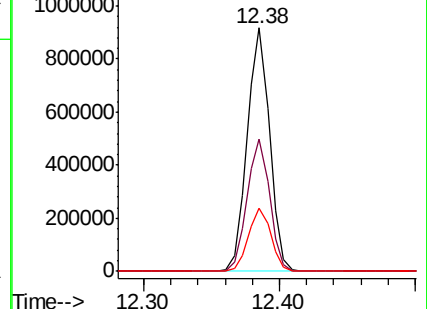
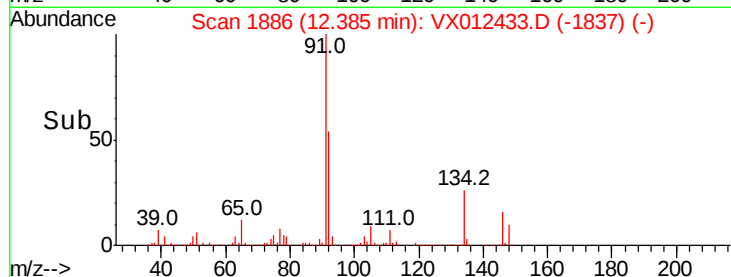
134 26.2 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX012433.D (-1879) (-)

Ion 92.00 (91.70 to 92.70): VX012433.D (-1879) (-)

Ion 134.00 (133.70 to 134.70): VX012433.D (-1879) (-)



#90

Hexachloroethane

Concen: 174.406 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012433.D

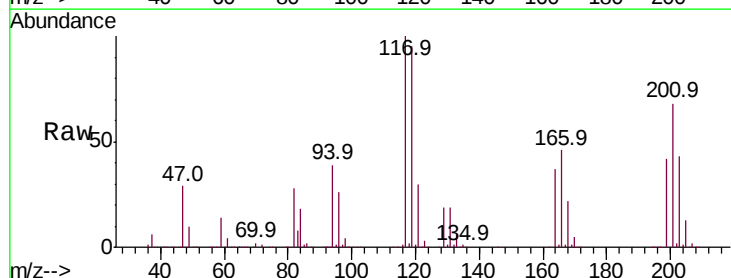
Acq: 17 Sep 2019 13:56

Tgt Ion: 117 Resp: 227580

Ion Ratio Lower Upper

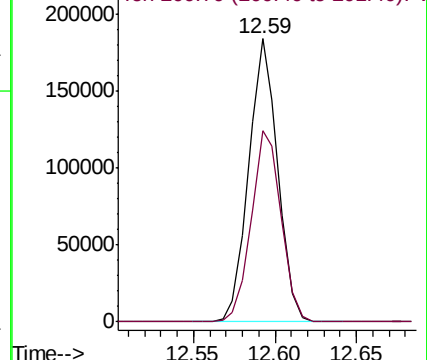
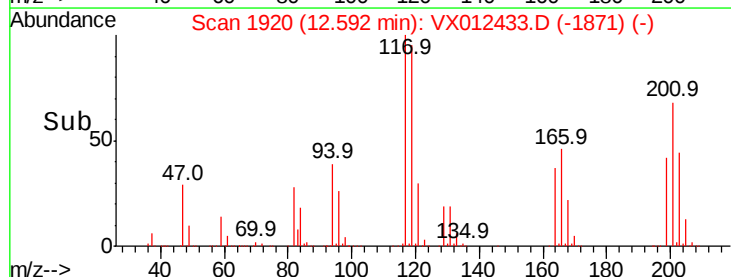
117 100

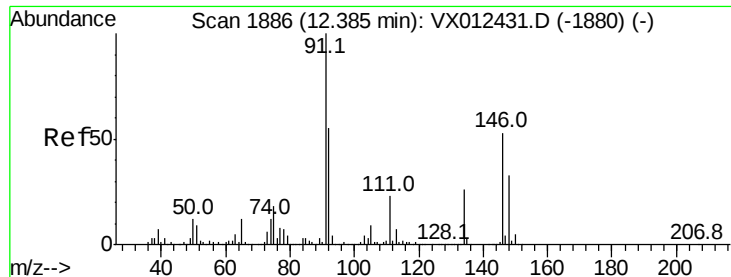
201 69.7 33.3 99.8



Abundance Ion 116.80 (116.50 to 117.50): VX012433.D (-1871) (-)

Ion 200.70 (200.40 to 201.40): VX012433.D (-1871) (-)

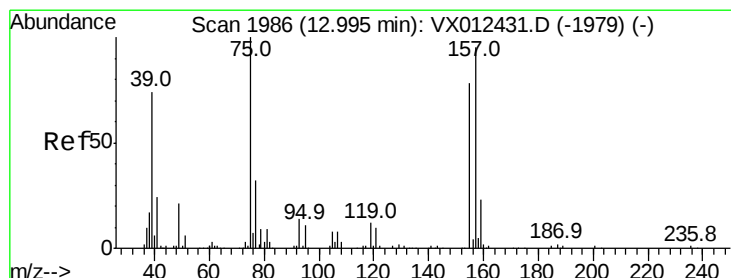
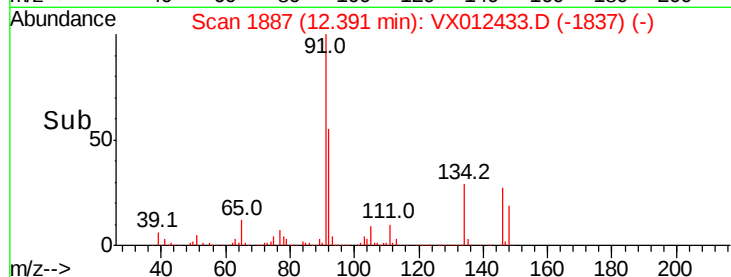
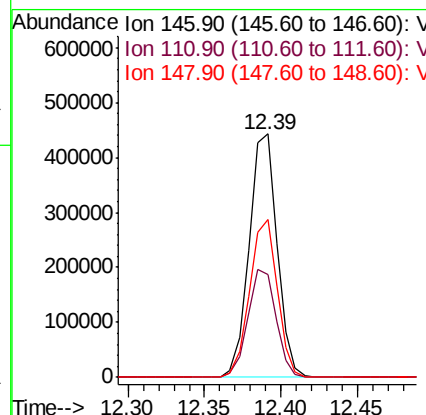
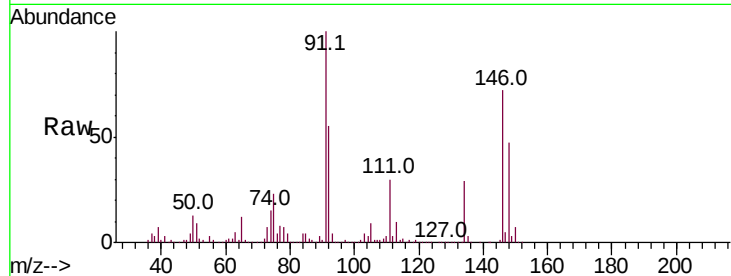




#91
 1,2-Dichlorobenzene
 Concen: 147.442 ug/l
 RT: 12.39 min Scan# 1887
 Delta R.T. 0.01 min
 Lab File: VX012433.D
 Acq: 17 Sep 2019 13:56

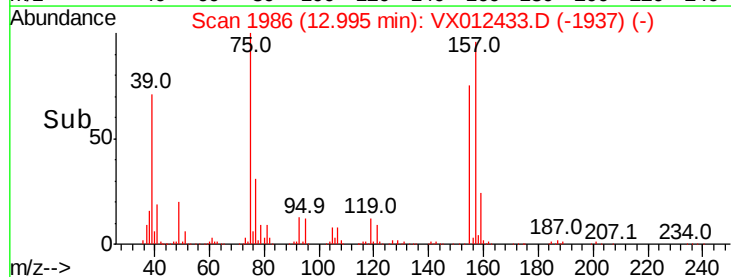
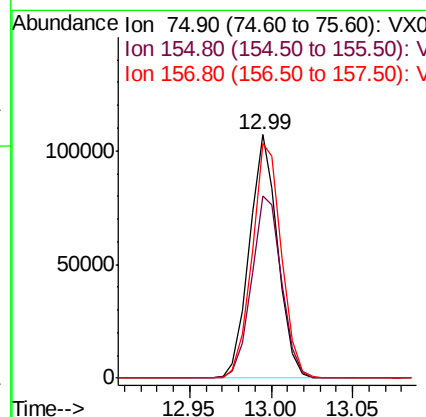
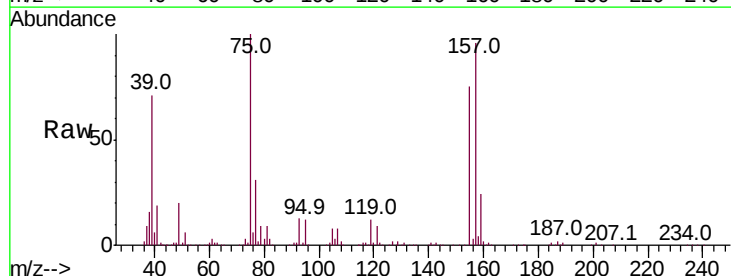
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

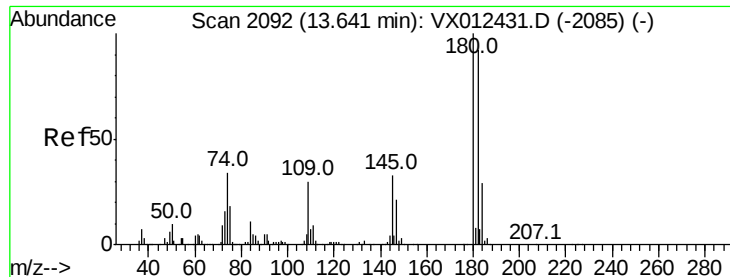
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.7	22.1	66.1
148	64.6	31.3	93.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 162.961 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012433.D
 Acq: 17 Sep 2019 13:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.9	38.6	115.8
157	100.1	50.6	151.9

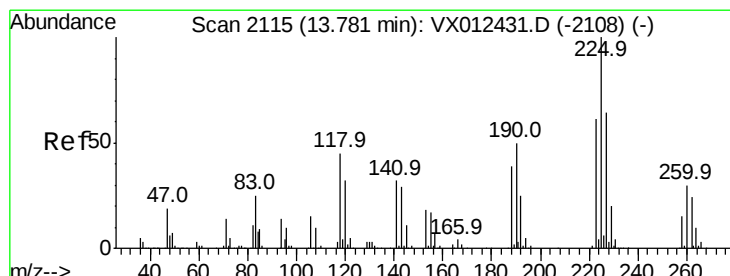
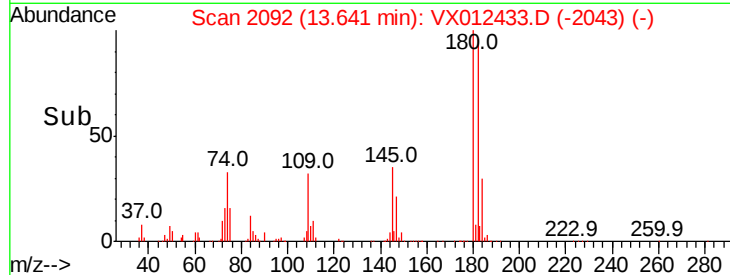
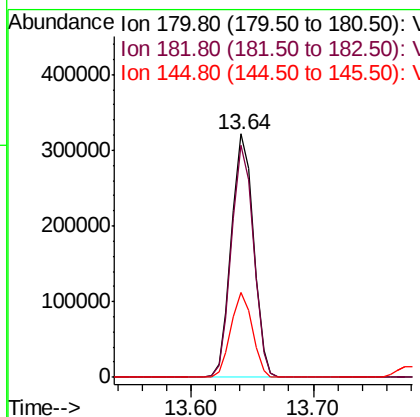
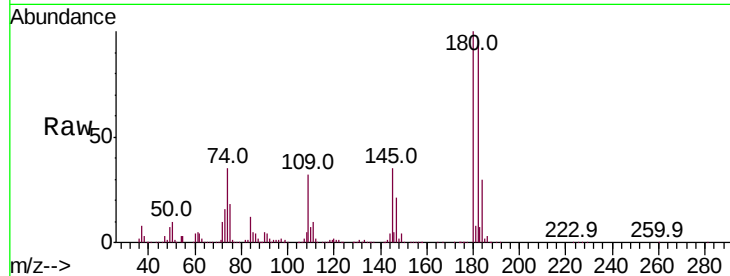




#93
 1,2,4-Trichlorobenzene
 Concen: 167.507 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012433.D
 Acq: 17 Sep 2019 13:56

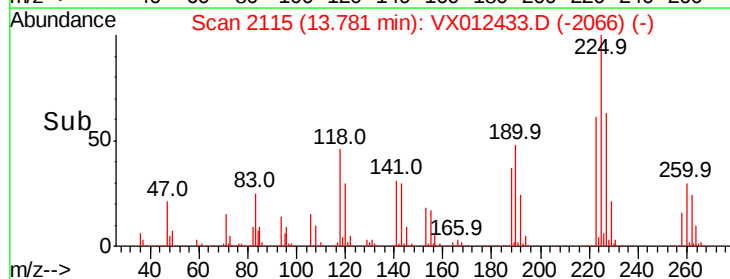
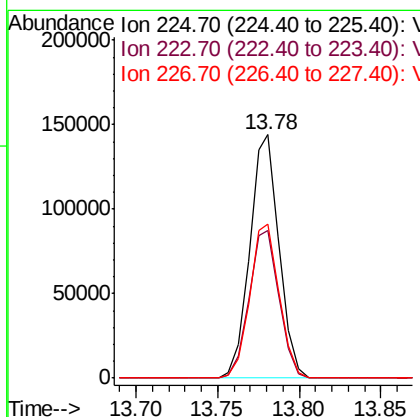
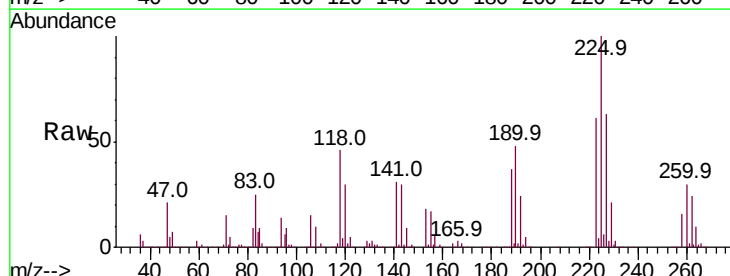
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

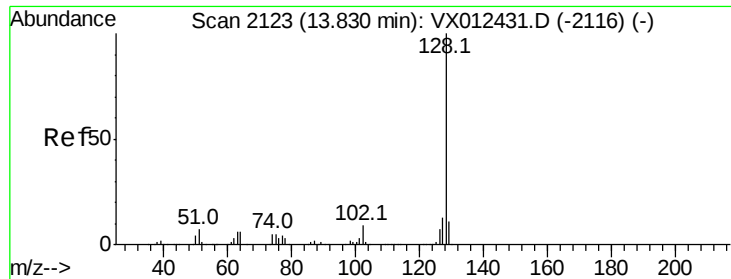
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.0	141.0
145	34.0	16.8	50.4



#94
 Hexachlorobutadiene
 Concen: 157.077 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX012433.D
 Acq: 17 Sep 2019 13:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	32.0	96.2
227	63.8	31.9	95.5



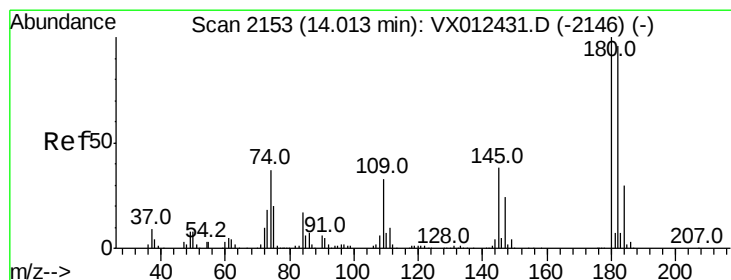
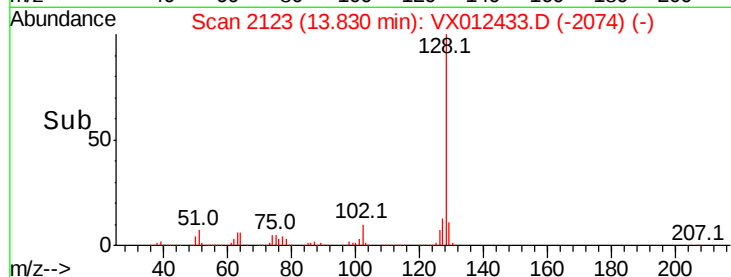
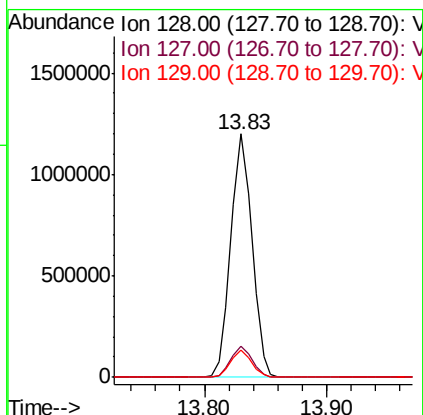
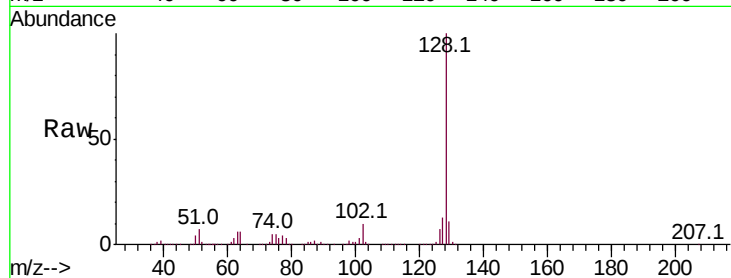


#95
Naphthalene
Concen: 168.620 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:128 Resp: 1435126

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.1	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 163.372 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX012433.D
Acq: 17 Sep 2019 13:56

Tgt Ion:180 Resp: 400499

Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.1	141.3
145	35.8	18.0	54.0

