

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091719\
 Data File : VX012432.D
 Acq On : 17 Sep 2019 13:33
 Operator : JC/SP
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Quant Time: Sep 17 13:56:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 13:36:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	168338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	283415	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	129127	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	230773	72.26	ug/l	0.00
Spiked Amount			Recovery	=	144.52%	
35) Dibromofluoromethane	5.49	113	171273	68.18	ug/l	0.00
Spiked Amount			Recovery	=	136.36%	
50) Toluene-d8	8.71	98	631088	70.88	ug/l	0.00
Spiked Amount			Recovery	=	141.76%	
62) 4-Bromofluorobenzene	11.14	95	267981	71.02	ug/l	0.00
Spiked Amount			Recovery	=	142.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	114033	81.367	ug/l	99
3) Chloromethane	1.31	50	94045	77.409	ug/l	99
4) Vinyl Chloride	1.40	62	104197	77.786	ug/l	97
5) Bromomethane	1.62	94	35898	64.102	ug/l	96
6) Chloroethane	1.70	64	70227	78.892	ug/l	99
7) Trichlorofluoromethane	1.91	101	189867	77.588	ug/l	98
8) Diethyl Ether	2.18	74	79781	73.855	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	134470	76.237	ug/l	97
10) Methyl Iodide	2.50	142	119504	73.749	ug/l	98
11) Tert butyl alcohol	3.05	59	299570	365.001	ug/l	99
12) 1,1-Dichloroethene	2.36	96	108974	78.610	ug/l	97
13) Acrolein	2.28	56	102379	299.825	ug/l	99
14) Allyl chloride	2.72	41	258532	80.290	ug/l	100
15) Acrylonitrile	3.13	53	527690	385.094	ug/l	99
16) Acetone	2.44	43	544481	364.301	ug/l	99
17) Carbon Disulfide	2.55	76	150330	82.105	ug/l	98
18) Methyl Acetate	2.76	43	247285	75.268	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	573981	76.236	ug/l	99
20) Methylene Chloride	2.84	84	140805	70.125	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	113659	76.257	ug/l	97
22) Diisopropyl ether	3.84	45	577337	78.126	ug/l	98
23) Vinyl Acetate	3.80	43	2482942	407.309	ug/l	99
24) 1,1-Dichloroethane	3.69	63	282166	76.221	ug/l	98
25) 2-Butanone	4.66	43	809705	383.800	ug/l	98
26) 2,2-Dichloropropane	4.57	77	267843	75.819	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	164648	75.145	ug/l	99
28) Bromochloromethane	5.00	49	132360	70.063	ug/l	99
29) Tetrahydrofuran	5.12	42	480027	393.396	ug/l	99
30) Chloroform	5.20	83	306631	71.870	ug/l	99
31) Cyclohexane	5.57	56	172833	77.864	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	267883	75.809	ug/l	100
36) 1,1-Dichloropropene	5.79	75	174672	70.654	ug/l	98
37) Ethyl Acetate	4.82	43	282283	74.179	ug/l	100
38) Carbon Tetrachloride	5.77	117	220344	73.615	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	181366	76.746	ug/l	99
40) Benzene	6.13	78	560633	74.046	ug/l	98
41) Methacrylonitrile	5.03	41	170809	78.789	ug/l	99
42) 1,2-Dichloroethane	6.18	62	251492	72.733	ug/l	99
43) Isopropyl Acetate	6.43	43	488657	74.654	ug/l	100
44) Trichloroethene	7.21	130	147518	72.571	ug/l	98
45) 1,2-Dichloropropane	7.51	63	166827	71.625	ug/l	99
46) Dibromomethane	7.65	93	111094	71.828	ug/l	98
47) Bromodichloromethane	7.89	83	255797	74.268	ug/l	98
48) Methyl methacrylate	7.76	41	234329	80.634	ug/l	100
49) 1,4-Dioxane	7.73	88	110622	1491.947	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1607604	379.652	ug/l	99
52) Toluene	8.78	92	366280	74.427	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	276870	77.470	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	281387	76.070	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	180393	69.261	ug/l	99
56) Ethyl methacrylate	9.17	69	305933	78.162	ug/l	99
57) 1,3-Dichloropropane	9.37	76	296984	72.038	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	785573	376.536	ug/l	99
59) 2-Hexanone	9.49	43	1260039	384.927	ug/l	99
60) Dibromochloromethane	9.58	129	204020	76.705	ug/l	100
61) 1,2-Dibromoethane	9.67	107	173803	72.775	ug/l	99
64) Tetrachloroethene	9.33	164	118957	72.917	ug/l	98
65) Chlorobenzene	10.14	112	430388	74.994	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	186115	76.502	ug/l	99
67) Ethyl Benzene	10.24	91	762233	77.599	ug/l	99
68) m/p-Xylenes	10.35	106	557145	153.954	ug/l	100
69) o-Xylene	10.70	106	285239	75.962	ug/l	100
70) Styrene	10.71	104	524816	80.651	ug/l	99
71) Bromoform	10.85	173	155816	83.492	ug/l	99
73) Isopropylbenzene	11.01	105	799440	91.088	ug/l	99
74) N-amyl acetate	10.89	43	461732	98.747	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	321402	91.403	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	380094	116.414	ug/l	89
77) Bromobenzene	11.25	156	197619	88.063	ug/l	98
78) n-propylbenzene	11.35	91	922103	93.036	ug/l	99
79) 2-Chlorotoluene	11.42	91	575290	90.575	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	703973	92.375	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	111410	96.395	ug/l	98
82) 4-Chlorotoluene	11.51	91	682216	92.242	ug/l	100
83) tert-Butylbenzene	11.77	119	743967	92.034	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	731609	94.630	ug/l	100
85) sec-Butylbenzene	11.94	105	848250	94.775	ug/l	99
86) p-Isopropyltoluene	12.06	119	780621	95.351	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	386169	91.620	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	387983	91.171	ug/l	99
89) n-Butylbenzene	12.38	91	713055	98.619	ug/l	99
90) Hexachloroethane	12.59	117	150908	95.516	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	389742	90.223	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	85719	92.110	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Sep 17 13:36:19 2019
Response via : Initial Calibration

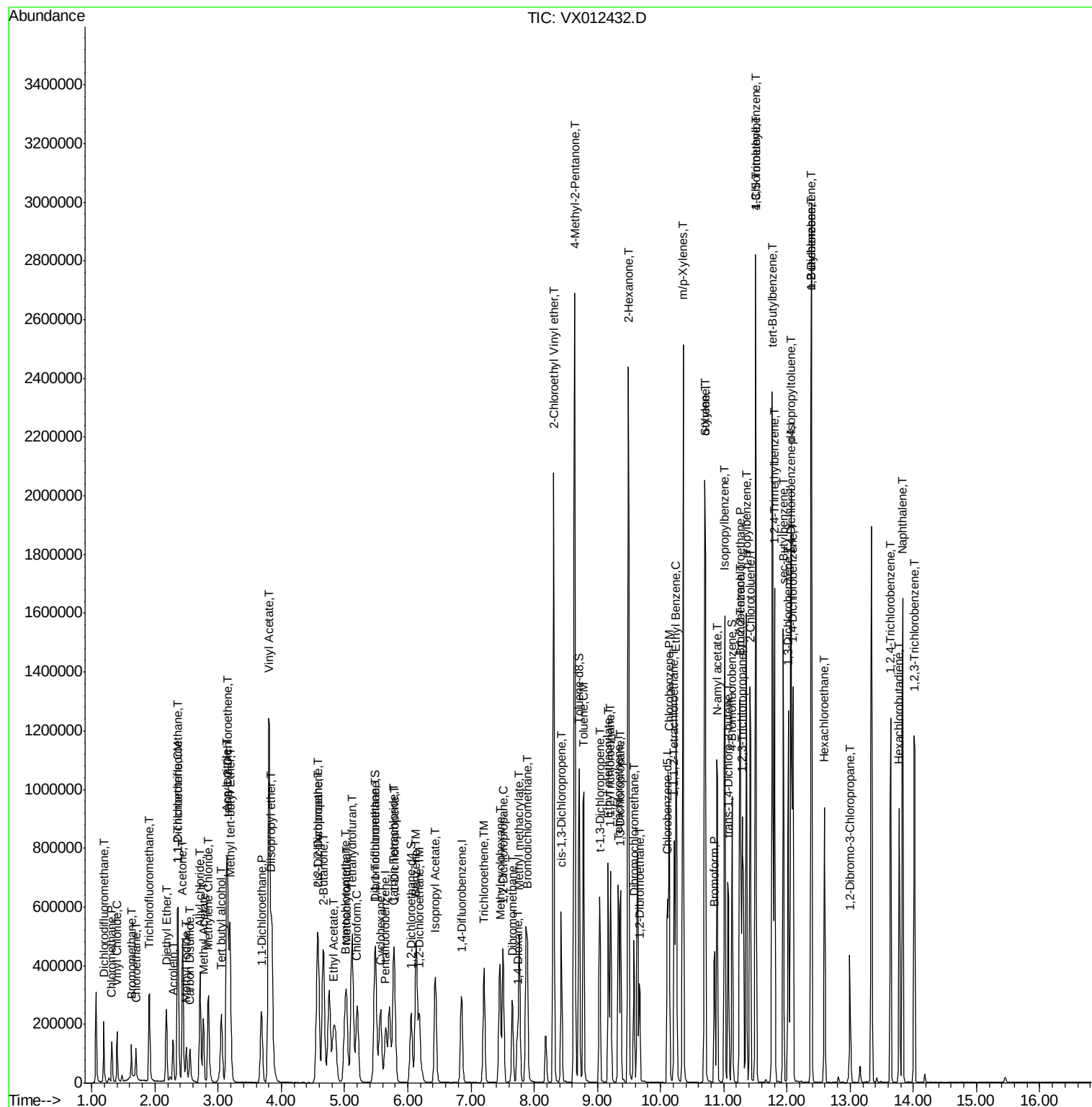
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	269004	93.343	ug/l	99
94) Hexachlorobutadiene	13.78	225	121829	88.420	ug/l	98
95) Naphthalene	13.83	128	952413	96.762	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	265686	92.627	ug/l	99

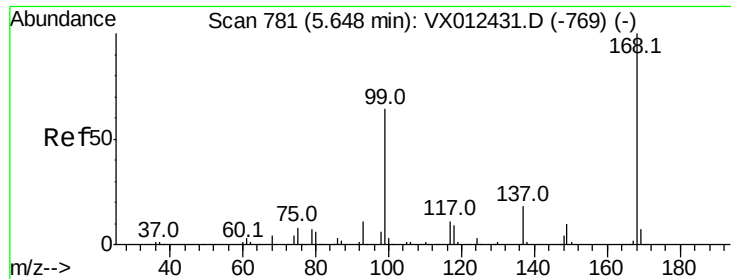
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091719\
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Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDICC100

Quant Time: Sep 17 13:56:08 2019
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 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 13:36:19 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

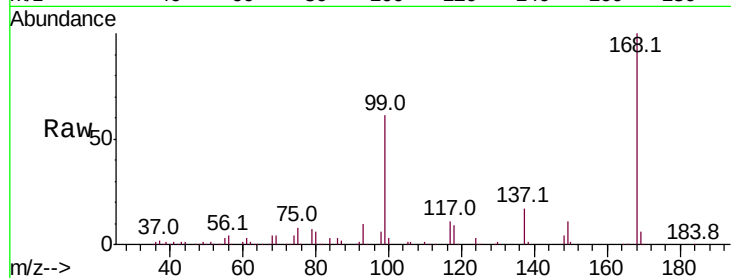
VSTDIC100

Tot Ion:168 Resp: 168338

Ion Ratio Lower Upper

168 100

99 60.6 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

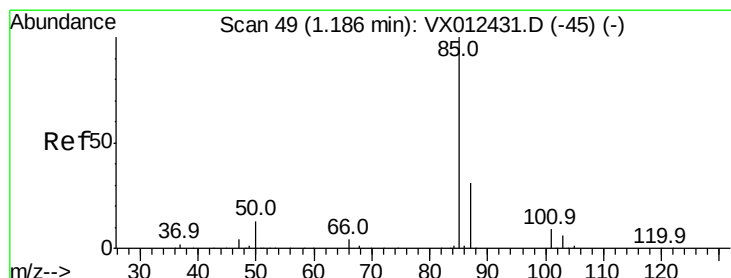
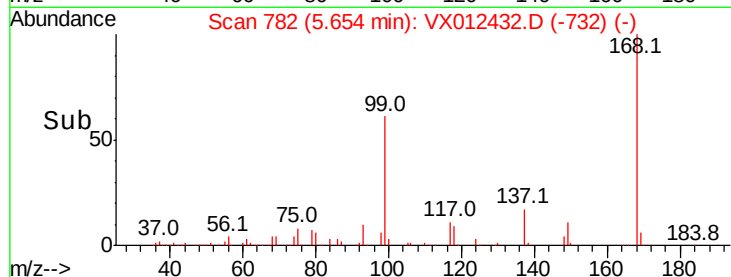
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 81.367 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012432.D

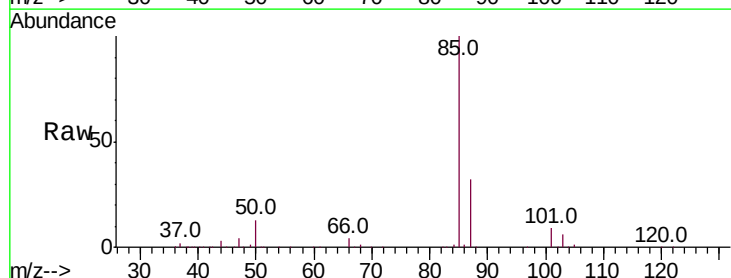
Acq: 17 Sep 2019 13:33

Tgt Ion: 85 Resp: 114033

Ion Ratio Lower Upper

85 100

87 31.8 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

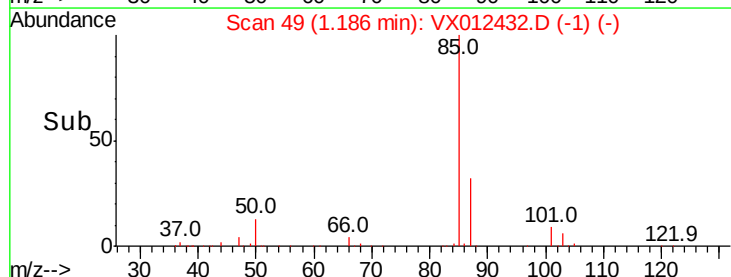
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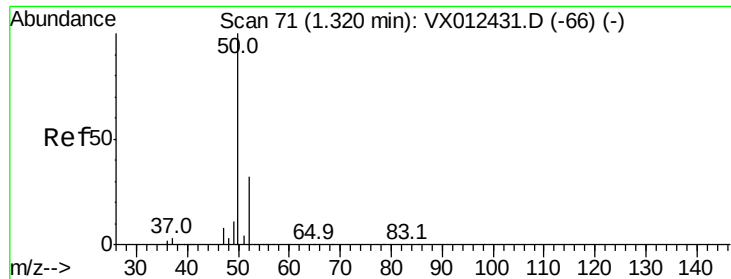
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 77.409 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

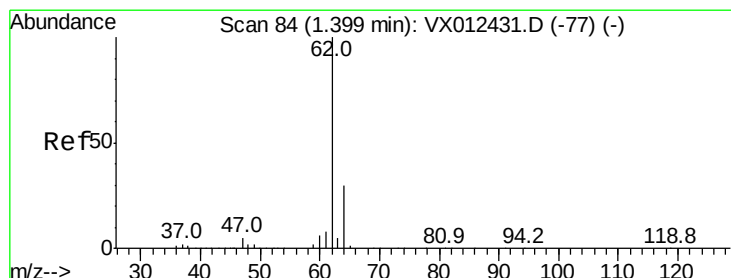
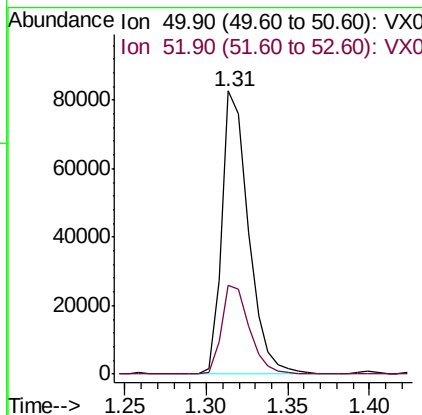
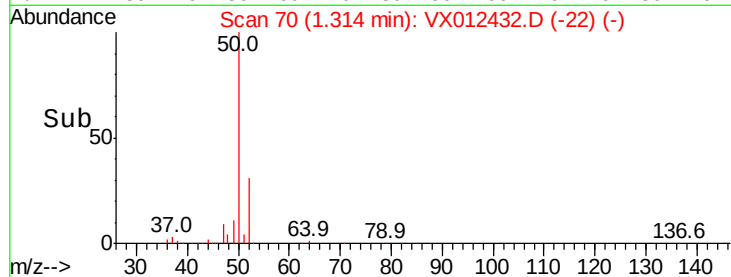
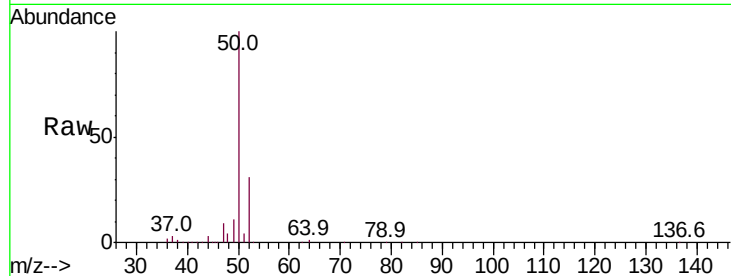
VSTDIC100

Tot Ion: 50 Resp: 94045

Ion Ratio Lower Upper

50 100

52 31.3 25.7 38.5



#4

Vinyl Chloride

Concen: 77.786 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012432.D

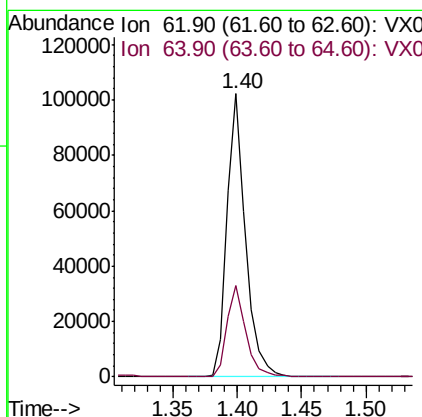
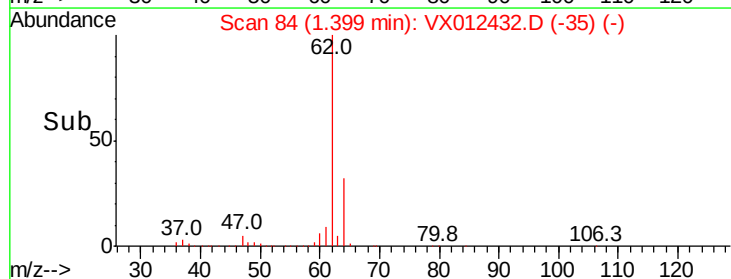
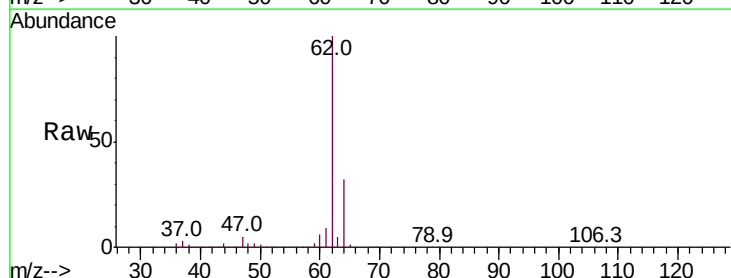
Acq: 17 Sep 2019 13:33

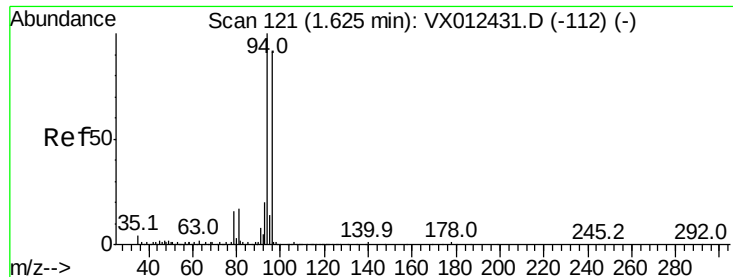
Tgt Ion: 62 Resp: 104197

Ion Ratio Lower Upper

62 100

64 32.1 24.2 36.2





#5

Bromomethane

Concen: 64.102 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

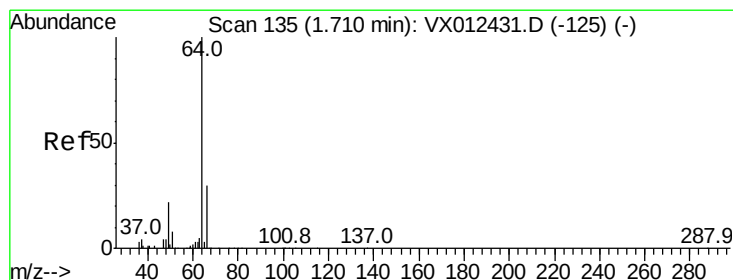
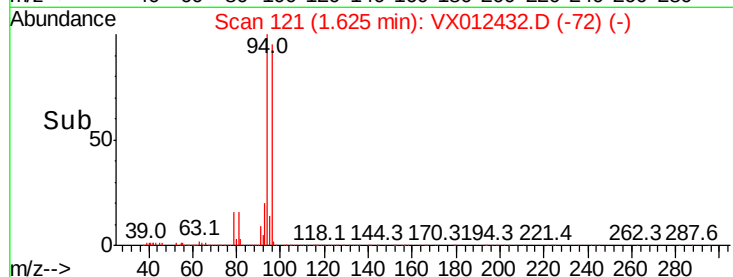
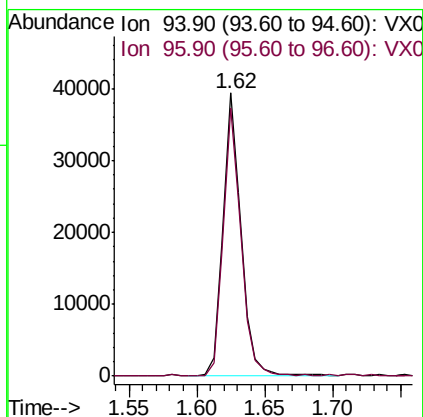
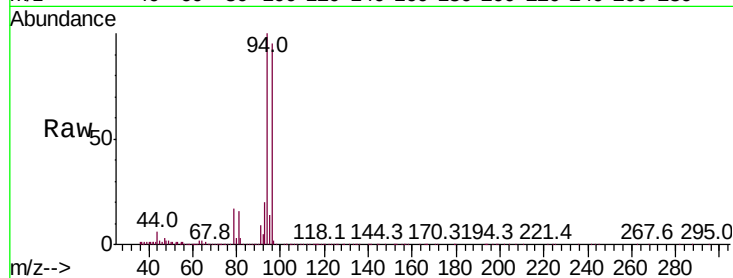
VSTDIC100

Tot Ion: 94 Resp: 35898

Ion Ratio Lower Upper

94 100

96 94.7 72.8 109.2



#6

Chloroethane

Concen: 78.892 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.01 min

Lab File: VX012432.D

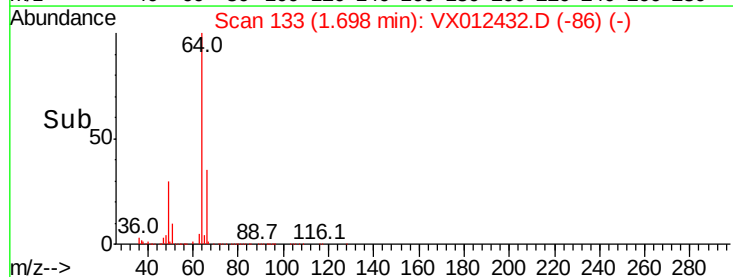
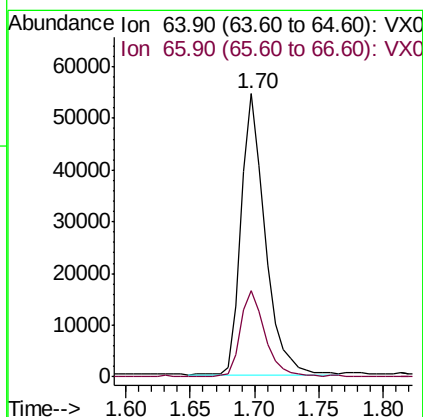
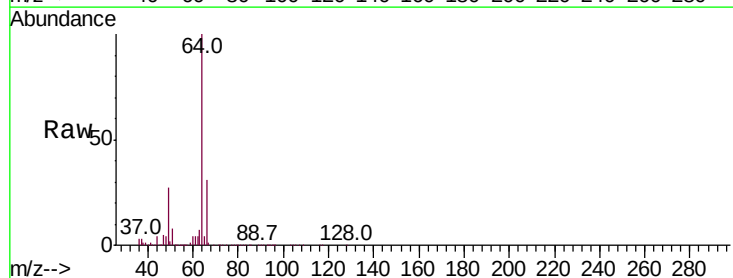
Acq: 17 Sep 2019 13:33

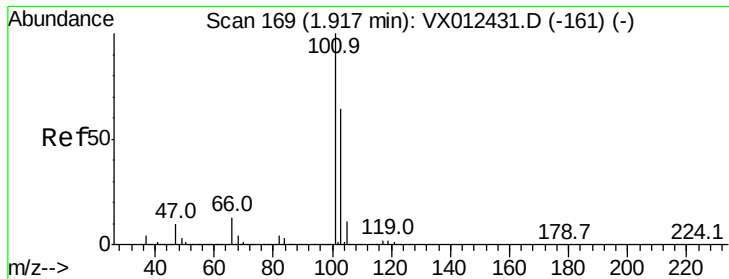
Tgt Ion: 64 Resp: 70227

Ion Ratio Lower Upper

64 100

66 30.5 24.0 36.0



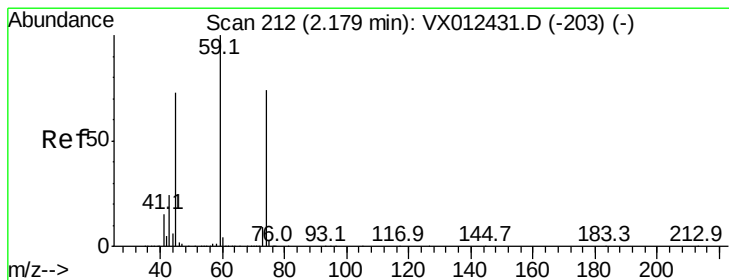
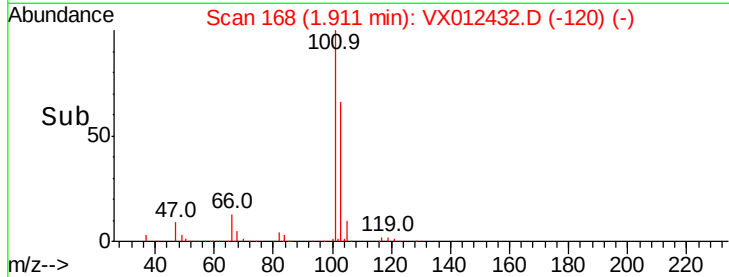
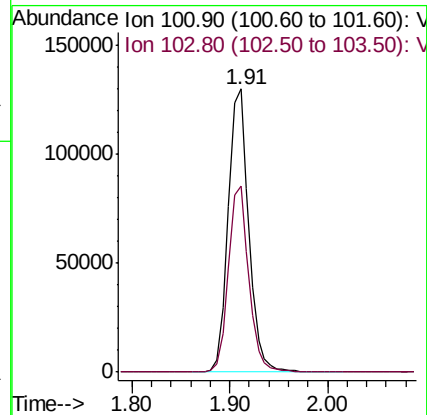
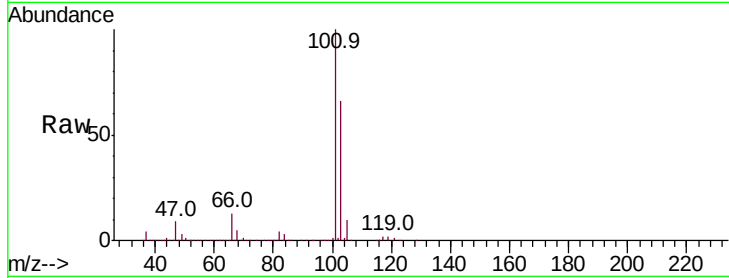


#7

Trichlorofluoromethane
Concen: 77.588 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX012432.D
Acq: 17 Sep 2019 13:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

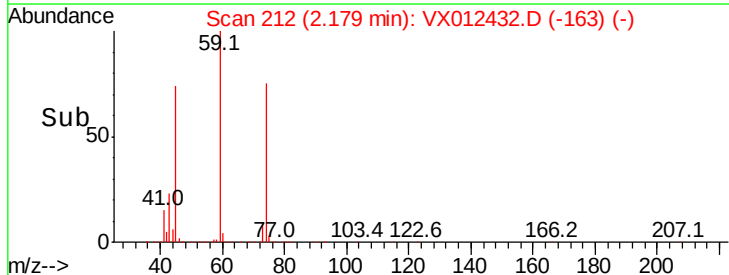
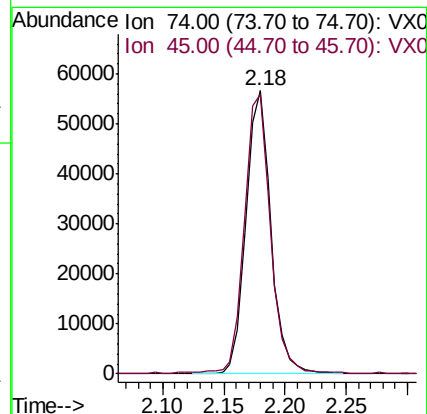
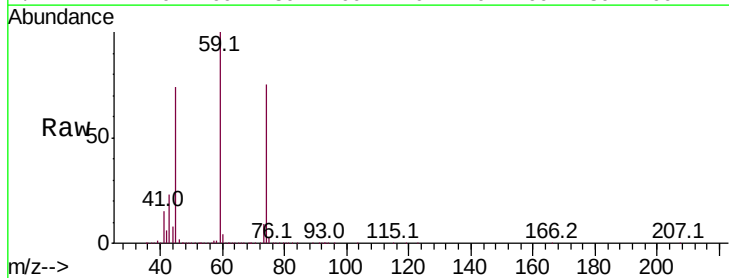
Tot Ion:101 Resp: 189867
Ion Ratio Lower Upper
101 100
103 65.6 51.0 76.4

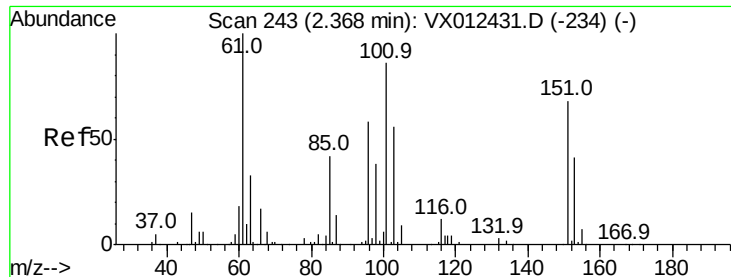


#8

Diethyl Ether
Concen: 73.855 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX012432.D
Acq: 17 Sep 2019 13:33

Tgt Ion: 74 Resp: 79781
Ion Ratio Lower Upper
74 100
45 102.7 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 76.237 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

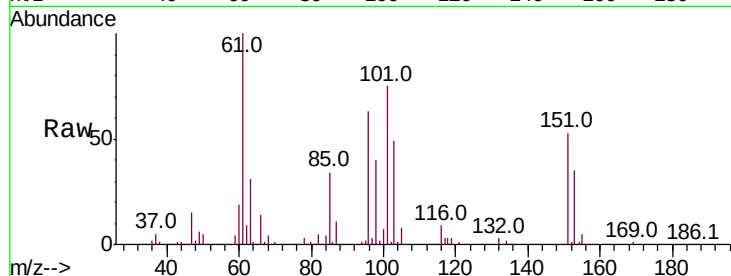
Tot Ion:101 Resp: 134470

Ion Ratio Lower Upper

101 100

85 44.8 37.3 55.9

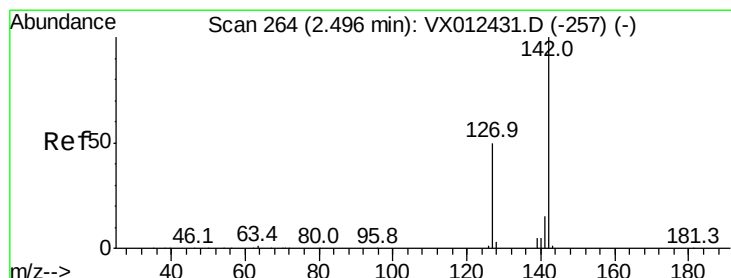
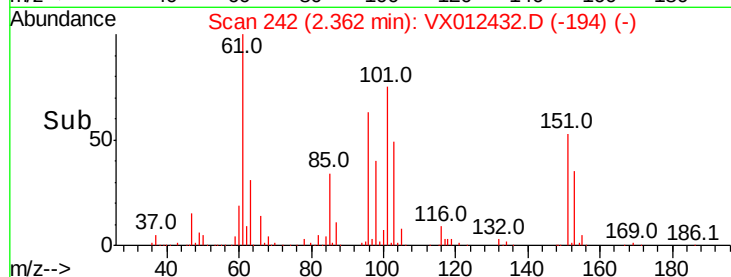
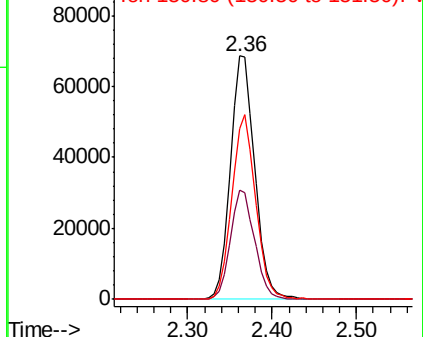
151 74.1 61.0 91.4



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: 73.749 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

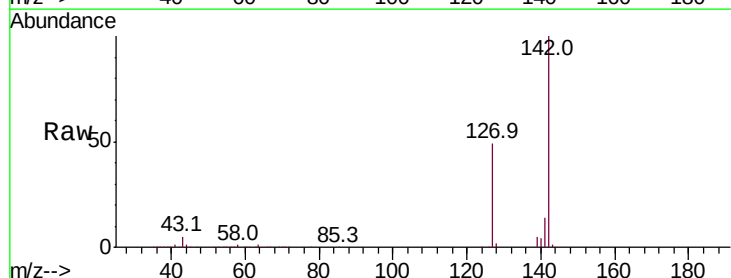
Tgt Ion:142 Resp: 119504

Ion Ratio Lower Upper

142 100

127 49.7 40.8 61.2

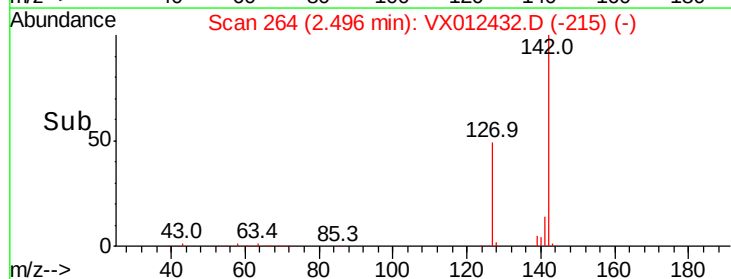
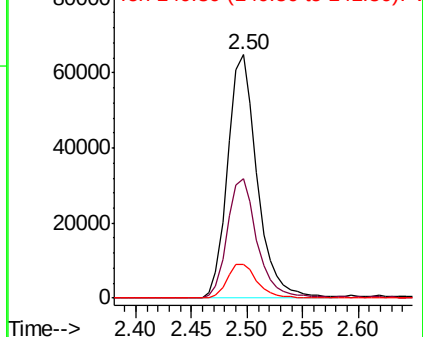
141 14.5 12.1 18.1

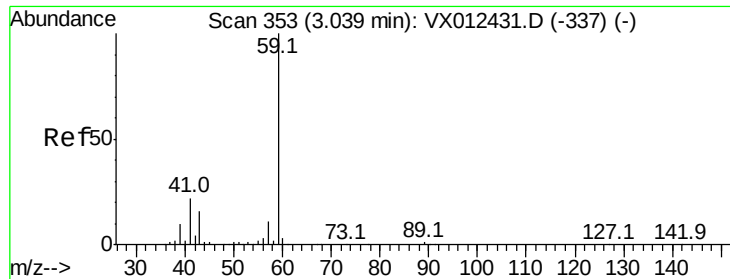


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 365.001 ug/l

RT: 3.05 min Scan# 355

Delta R.T. 0.01 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

Instrument :

MSVOA_X

ClientSampled :

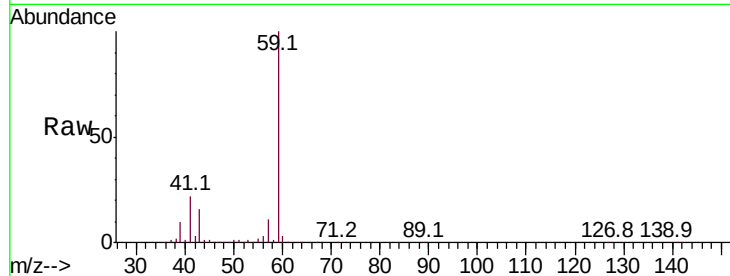
VSTDIC100

Tot Ion: 59 Resp: 299570

Ion Ratio Lower Upper

59 100

57 10.7 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

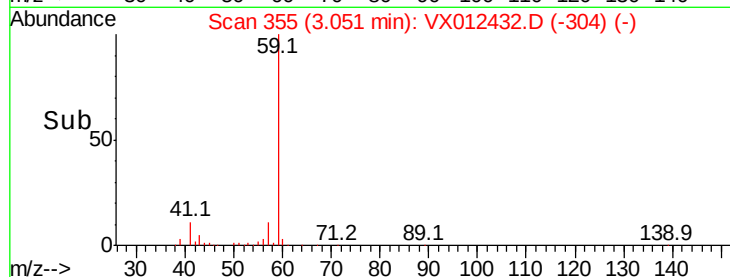
150000

100000

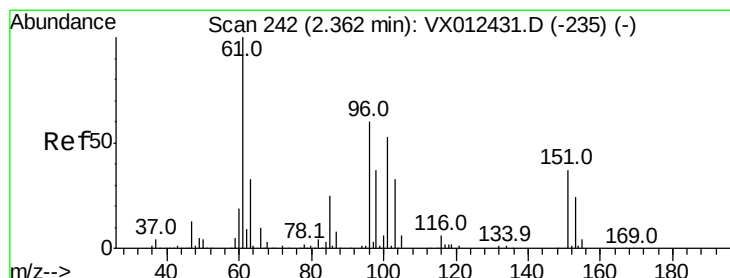
50000

0

Time-->



Time-->



#12

1,1-Dichloroethene

Concen: 78.610 ug/l

RT: 2.36 min Scan# 241

Delta R.T. -0.01 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

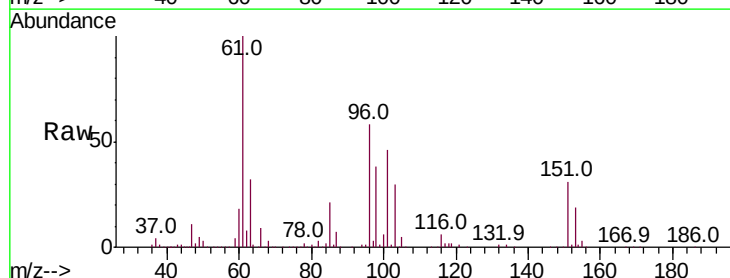
Tgt Ion: 96 Resp: 108974

Ion Ratio Lower Upper

96 100

61 171.9 133.8 200.6

98 64.6 49.9 74.9



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

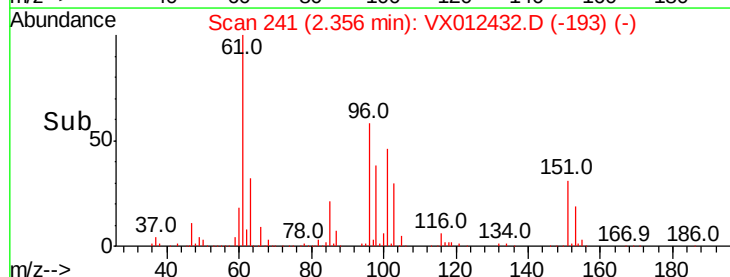
150000

100000

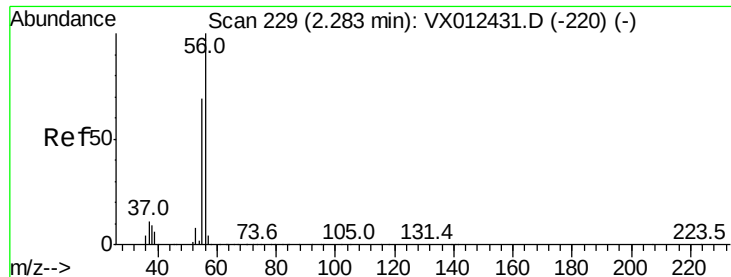
50000

0

Time-->



Time-->



#13

Acrolein

Concen: 299.825 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

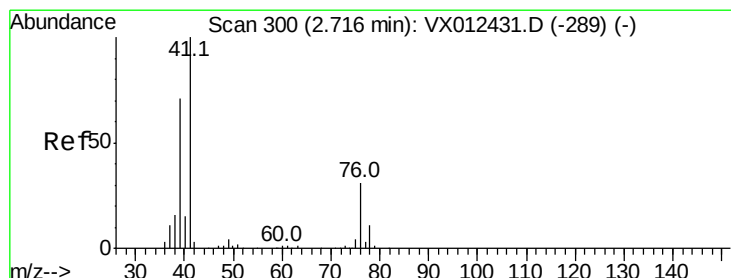
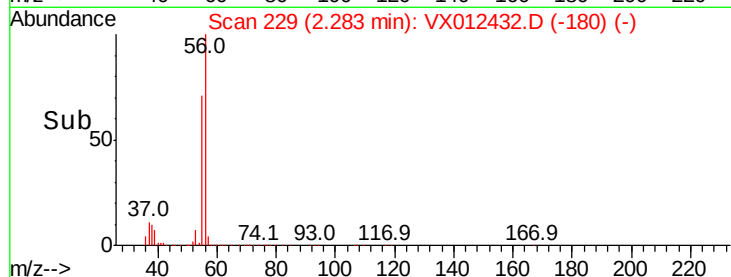
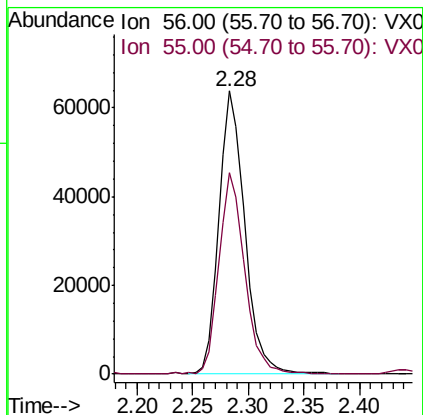
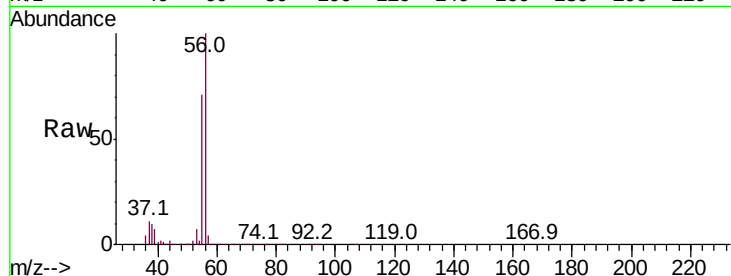
VSTDIC100

Tot Ion: 56 Resp: 102379

Ion Ratio Lower Upper

56 100

55 70.3 55.8 83.8



#14

Allyl chloride

Concen: 80.290 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

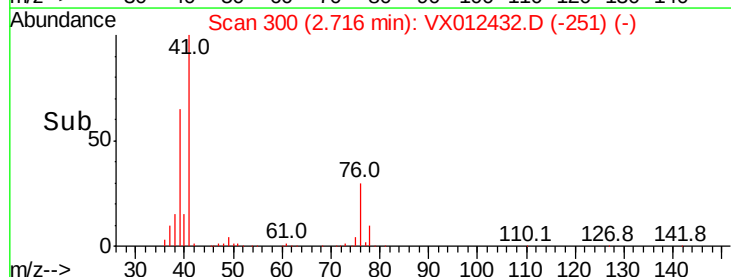
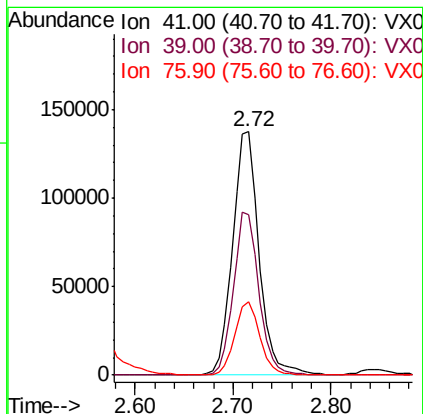
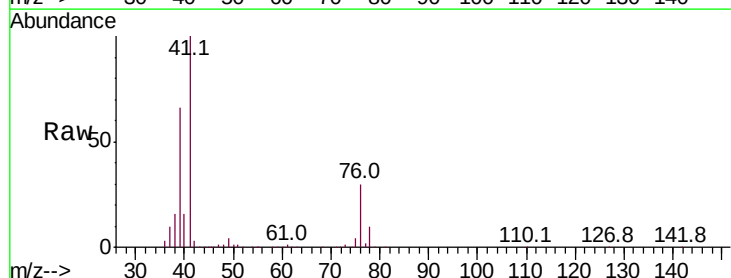
Tgt Ion: 41 Resp: 258532

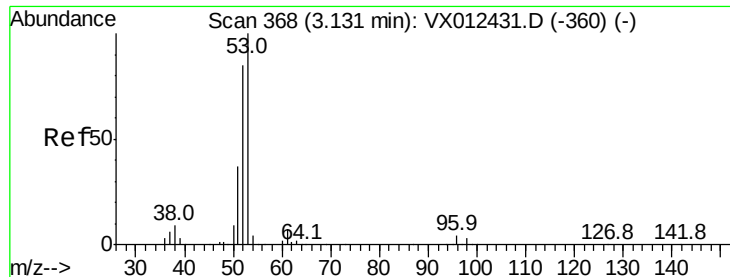
Ion Ratio Lower Upper

41 100

39 63.9 51.3 76.9

76 28.7 22.6 33.8





#15

Acrylonitrile

Concen: 385.094 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

Instrument :

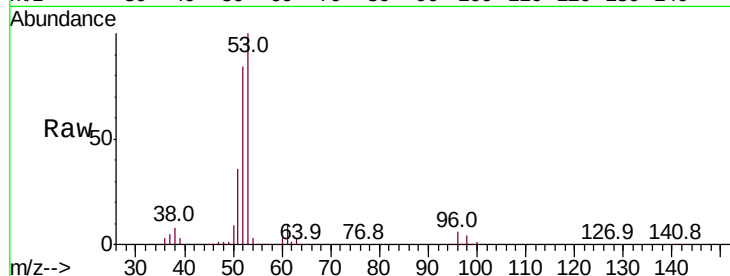
MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 53 Resp: 527690

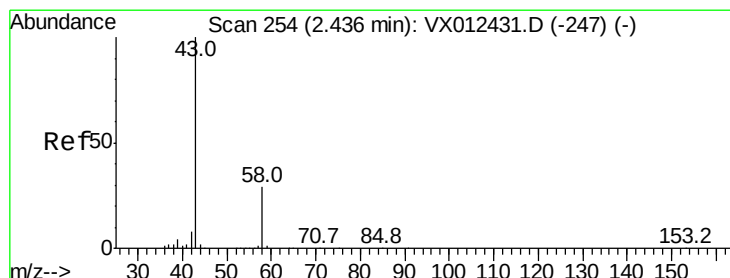
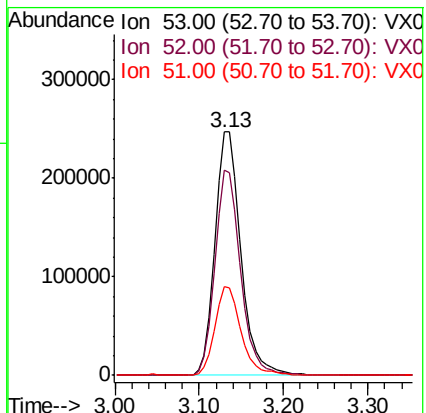
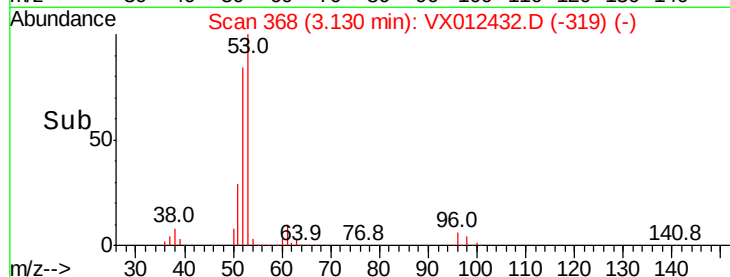
Ion	Ratio	Lower	Upper
53	100		
52	83.1	67.0	100.4
51	36.7	29.6	44.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 364.301 ug/l

RT: 2.44 min Scan# 254

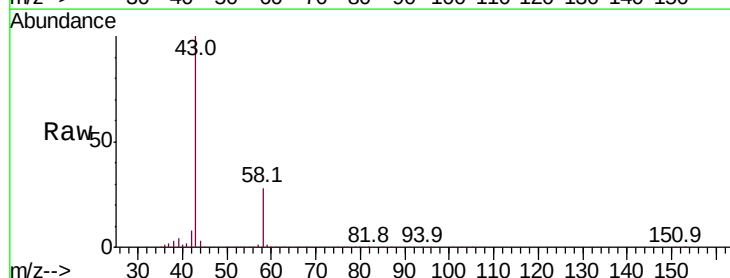
Delta R.T. -0.00 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

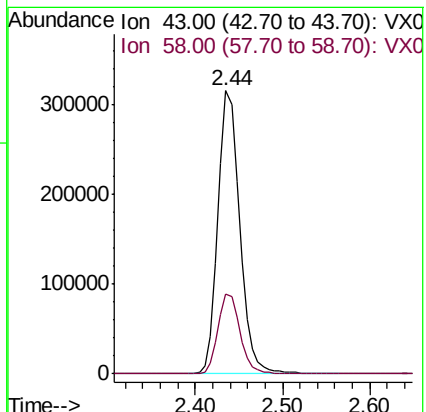
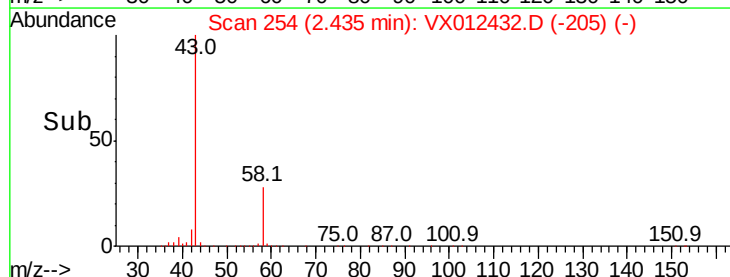
Tgt Ion: 43 Resp: 544481

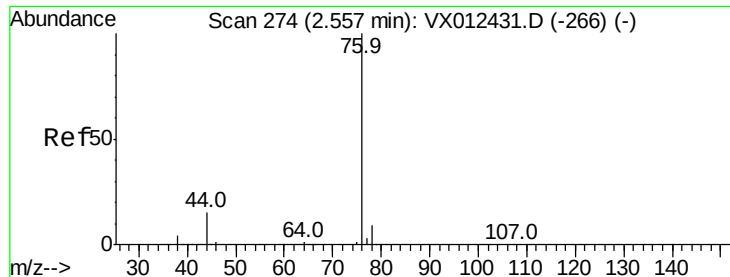
Ion	Ratio	Lower	Upper
43	100		
58	28.4	23.3	34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 82.105 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

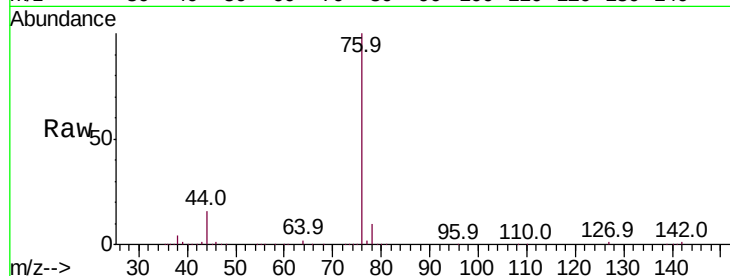
VSTDIC100

Tot Ion: 76 Resp: 150330

Ion Ratio Lower Upper

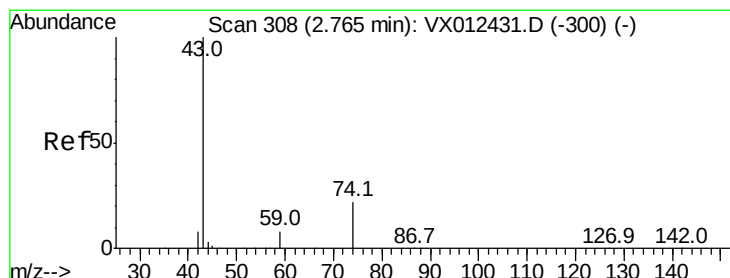
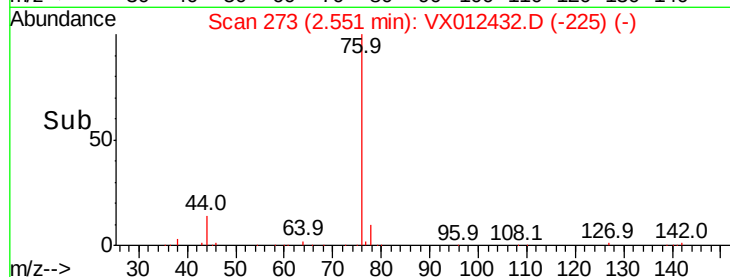
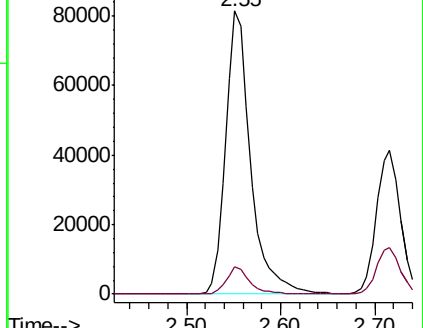
76 100

78 9.7 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: 75.268 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX012432.D

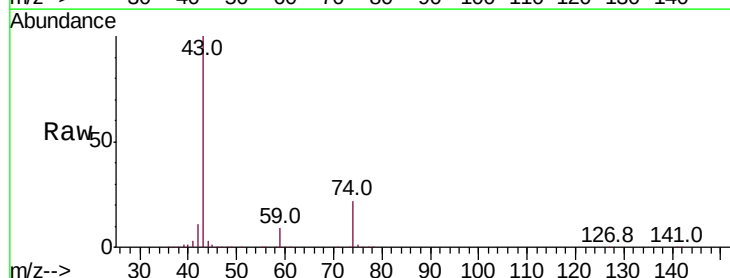
Acq: 17 Sep 2019 13:33

Tgt Ion: 43 Resp: 247285

Ion Ratio Lower Upper

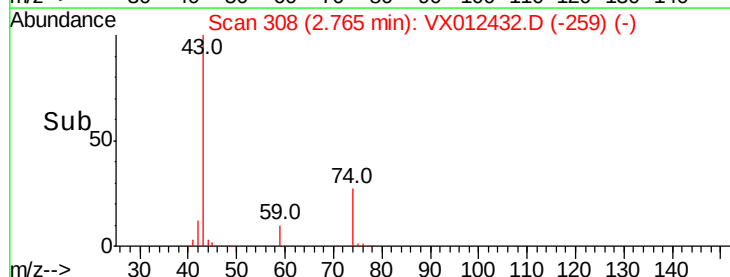
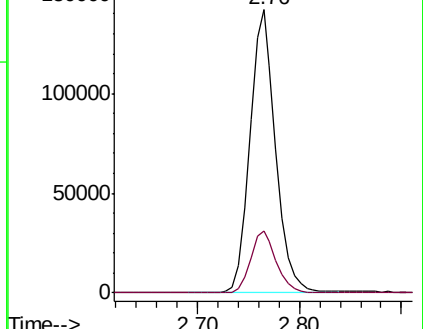
43 100

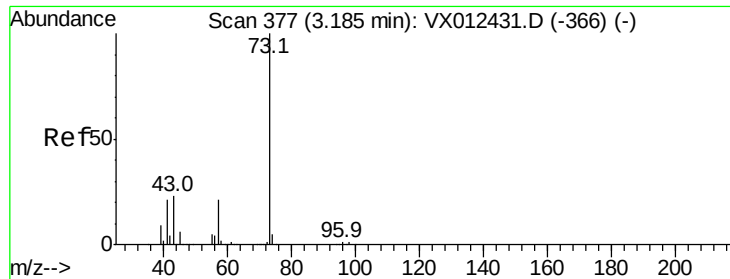
74 21.7 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

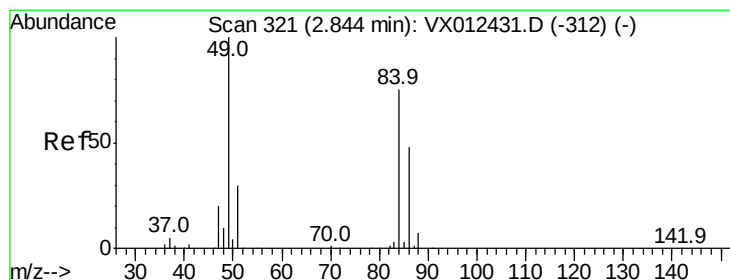
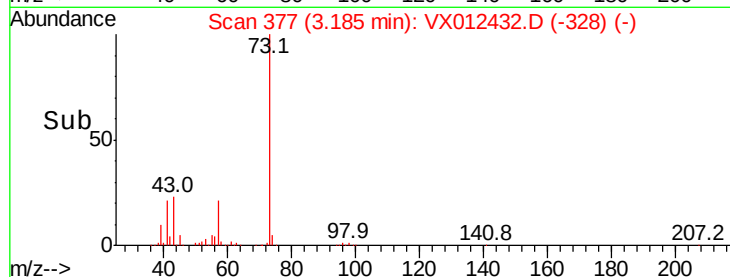
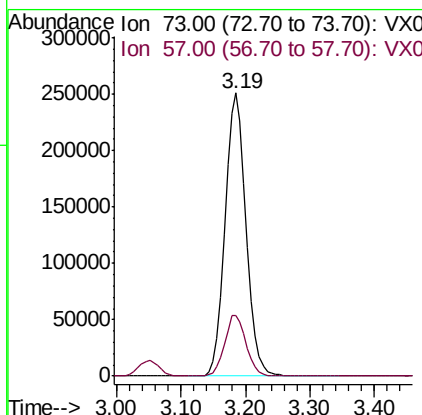
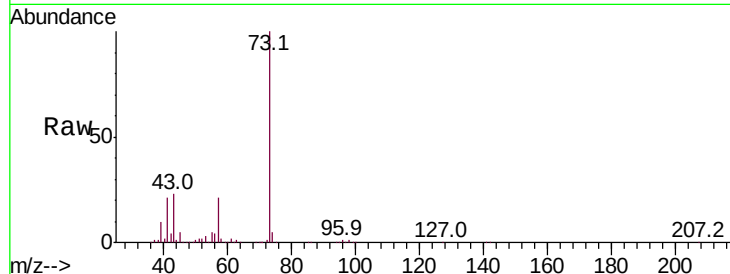




#19
Methyl tert-butyl Ether
Concen: 76.236 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX012432.D
Acq: 17 Sep 2019 13:33

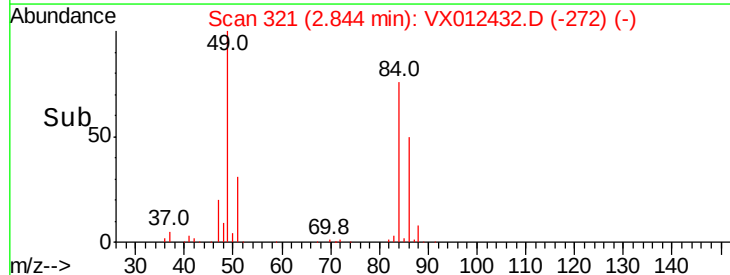
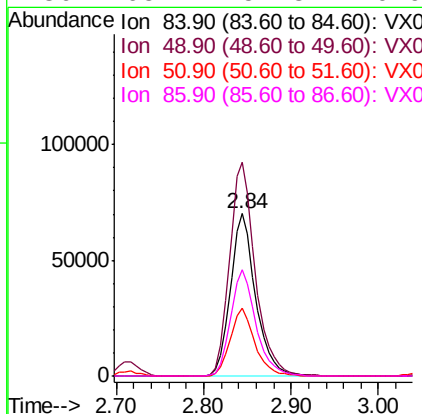
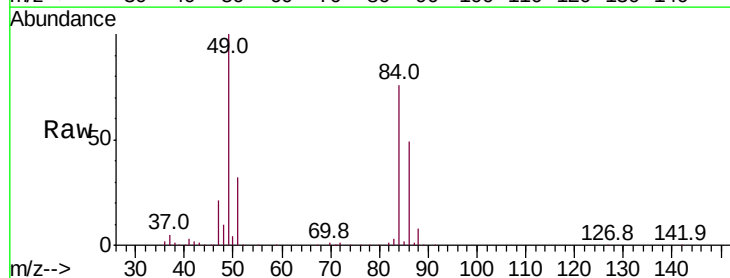
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

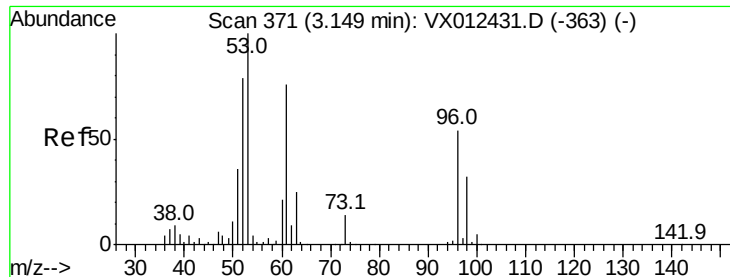
Tot Ion: 73 Resp: 573981
Ion Ratio Lower Upper
73 100
57 21.3 16.8 25.2



#20
Methylene Chloride
Concen: 70.125 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012432.D
Acq: 17 Sep 2019 13:33

Tgt Ion: 84 Resp: 140805
Ion Ratio Lower Upper
84 100
49 131.7 106.8 160.2
51 41.5 32.3 48.5
86 65.2 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 76.257 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

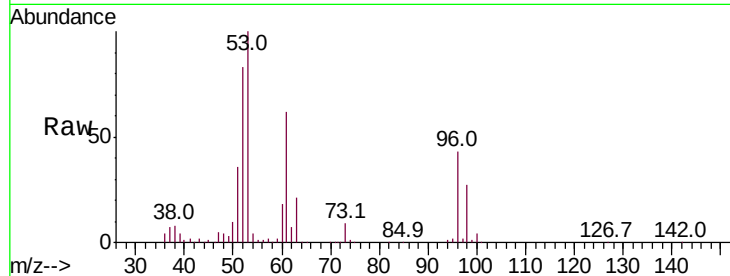
Tot Ion: 96 Resp: 113659

Ion Ratio Lower Upper

96 100

61 143.8 112.0 168.0

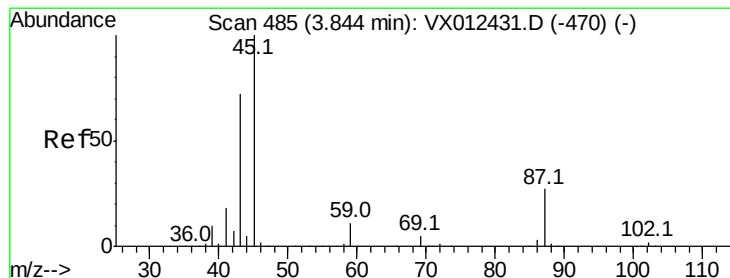
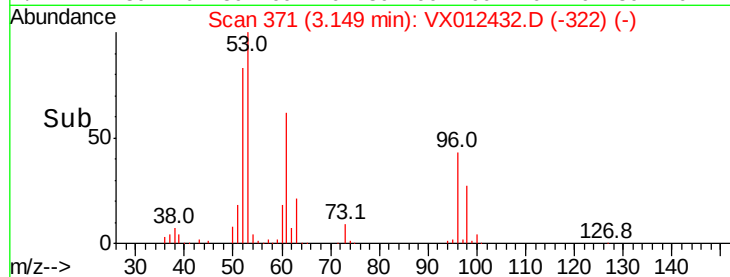
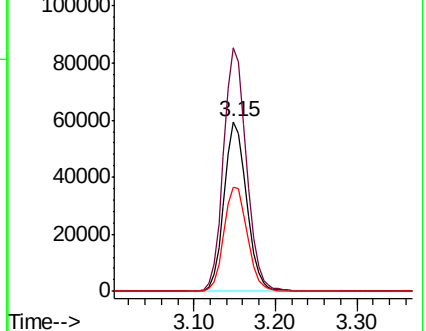
98 61.5 47.8 71.8



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: 78.126 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

Tgt Ion: 45 Resp: 577337

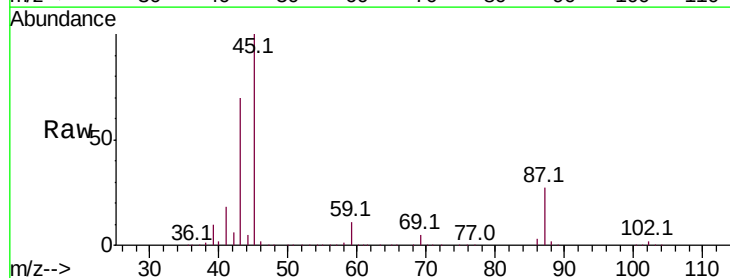
Ion Ratio Lower Upper

45 100

43 70.3 57.8 86.8

87 27.1 21.3 31.9

59 11.2 8.5 12.7

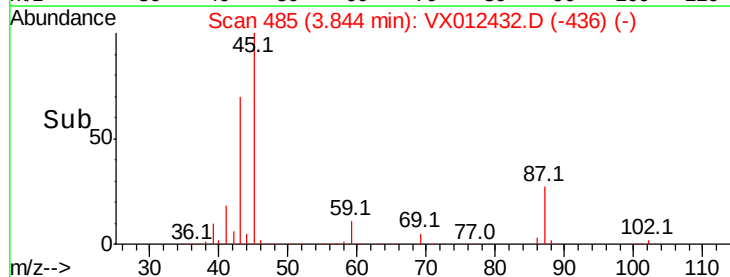
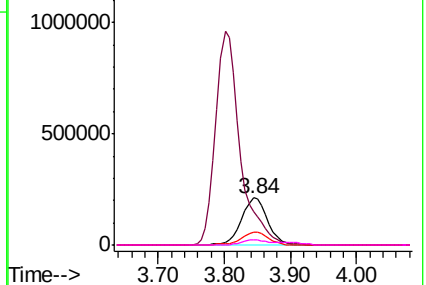


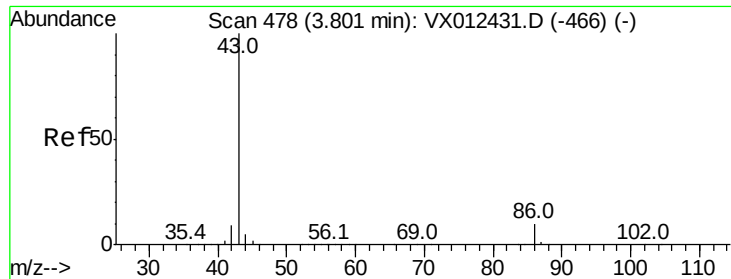
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 407.309 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

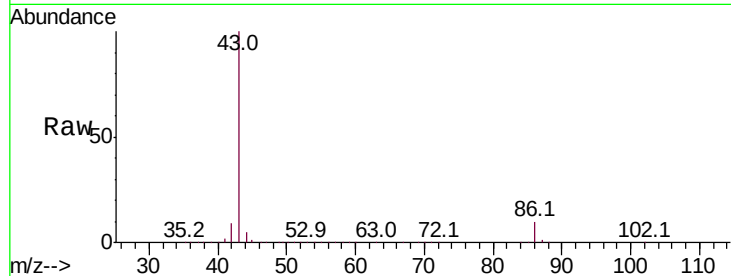
VSTDIC100

Tot Ion: 43 Resp: 2482942

Ion Ratio Lower Upper

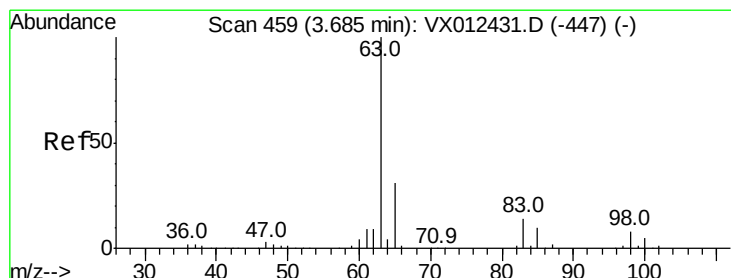
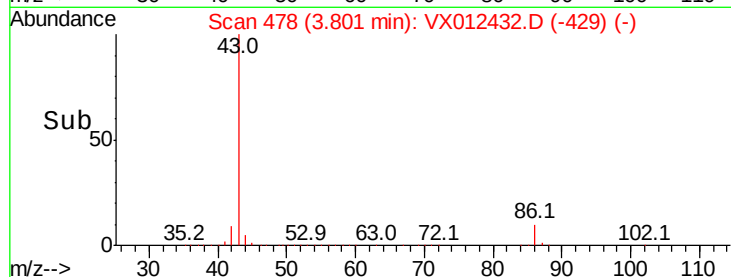
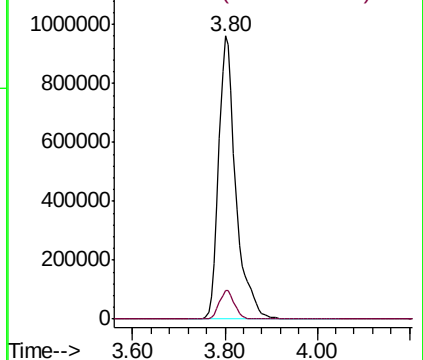
43 100

86 10.1 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: 76.221 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

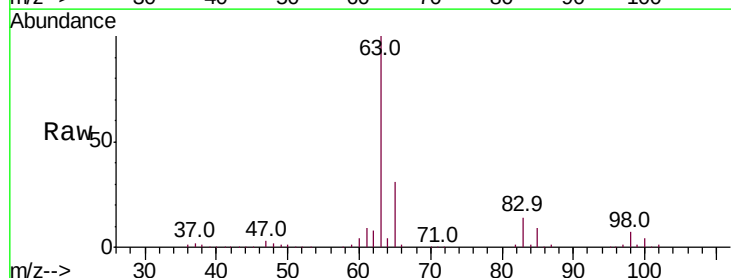
Tgt Ion: 63 Resp: 282166

Ion Ratio Lower Upper

63 100

98 6.8 3.9 11.7

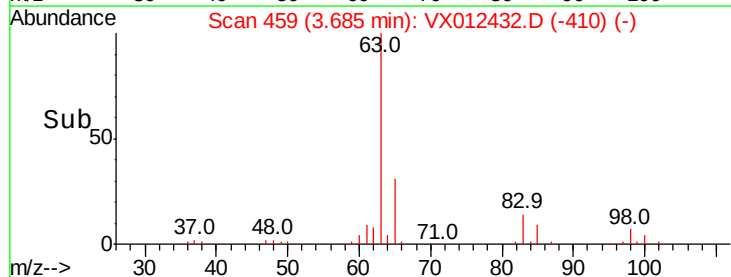
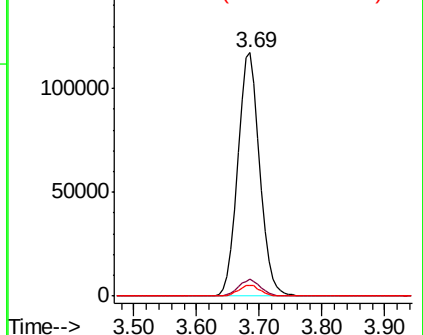
100 4.3 2.3 6.9

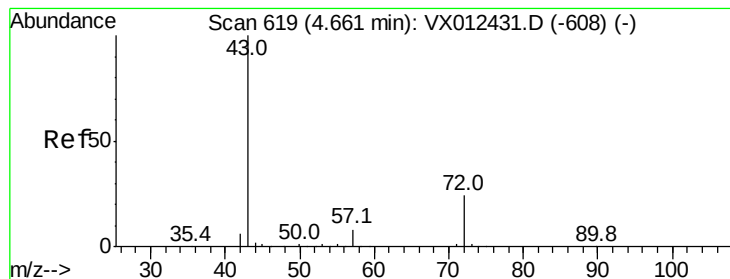


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 383.800 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

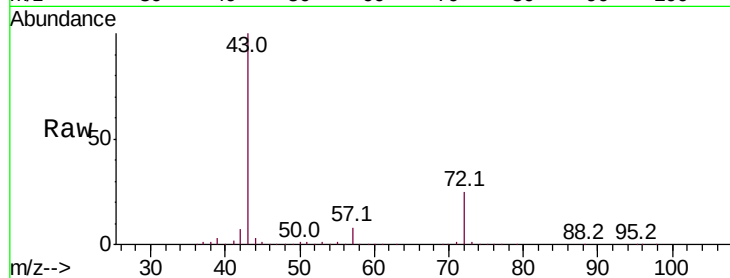
VSTDIC100

Tot Ion: 43 Resp: 809705

Ion Ratio Lower Upper

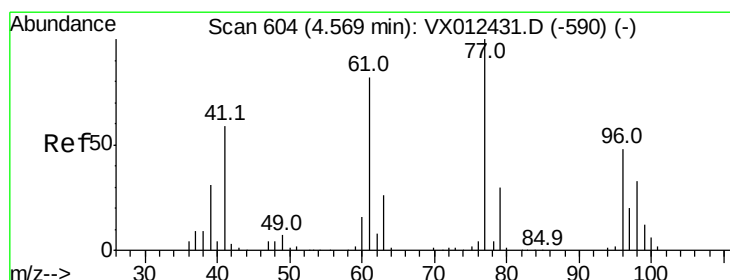
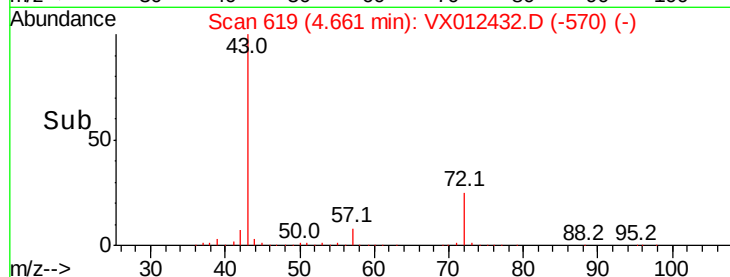
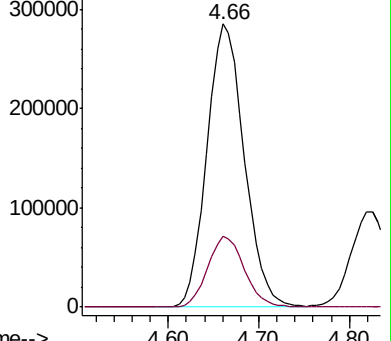
43 100

72 24.9 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 75.819 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012432.D

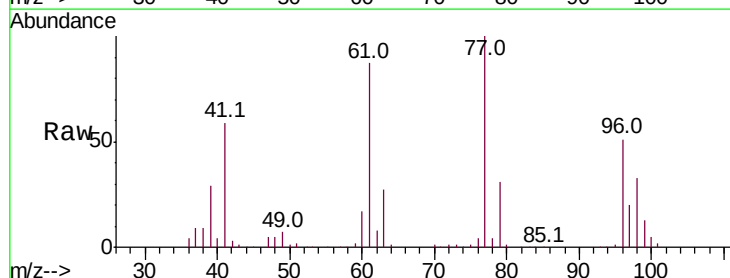
Acq: 17 Sep 2019 13:33

Tgt Ion: 77 Resp: 267843

Ion Ratio Lower Upper

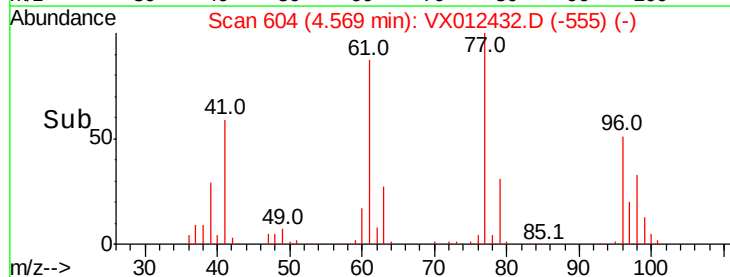
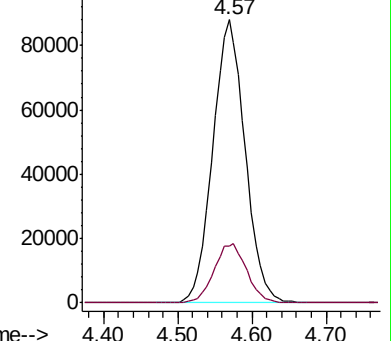
77 100

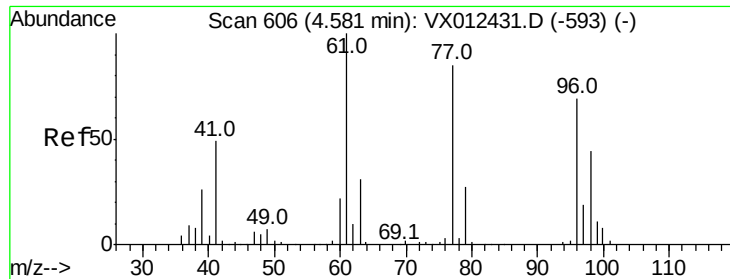
97 21.3 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

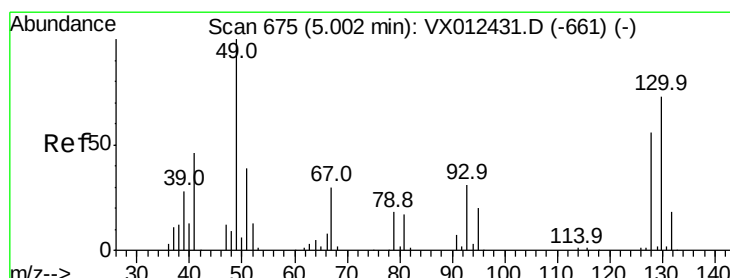
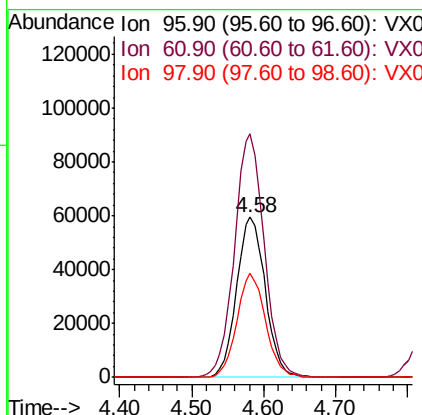
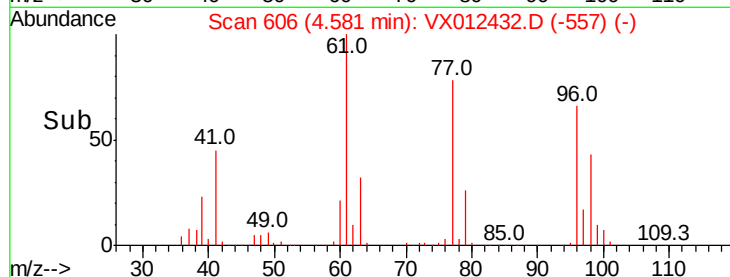
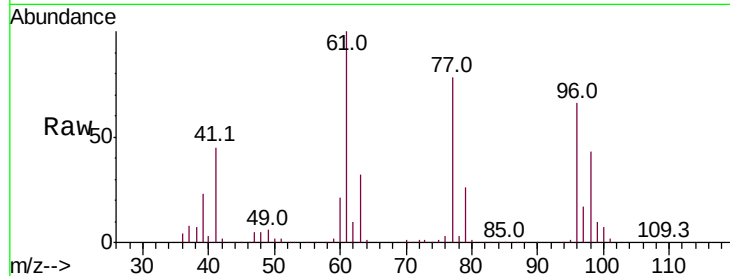




#27
 cis-1,2-Dichloroethene
 Concen: 75.145 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX012432.D
 Acq: 17 Sep 2019 13:33

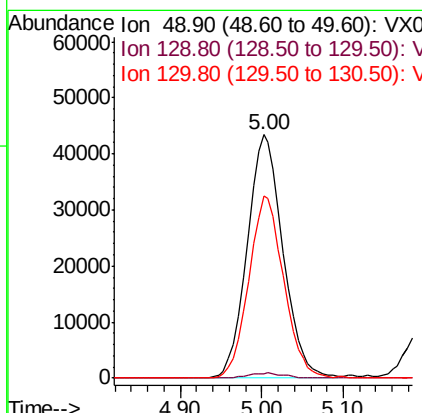
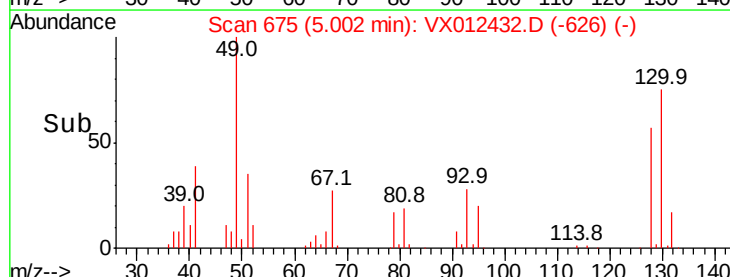
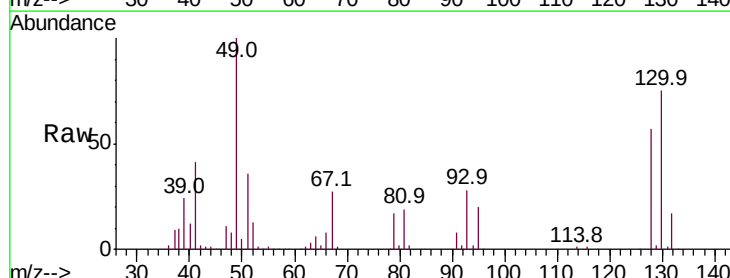
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

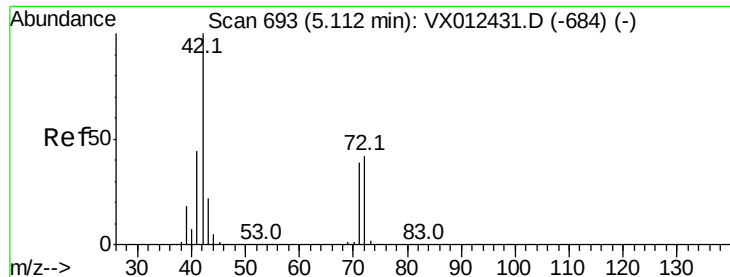
Tot Ion	Ratio	Lower	Upper
96	100		
61	157.6	0.0	319.4
98	64.6	0.0	130.6



#28
 Bromochloromethane
 Concen: 70.063 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VX012432.D
 Acq: 17 Sep 2019 13:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	73.5	58.2	87.4





#29

Tetrahydrofuran

Concen: 393.396 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

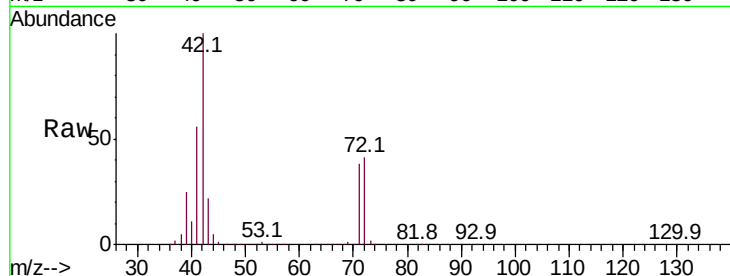
Tot Ion: 42 Resp: 480027

Ion Ratio Lower Upper

42 100

72 42.2 34.0 51.0

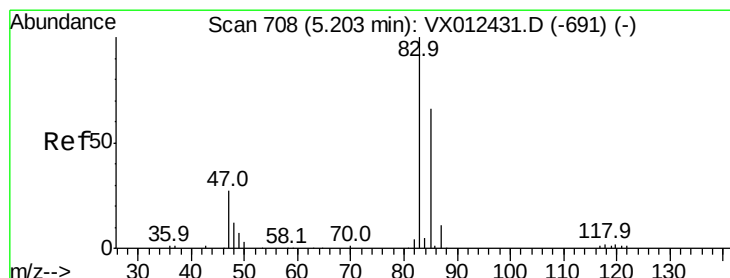
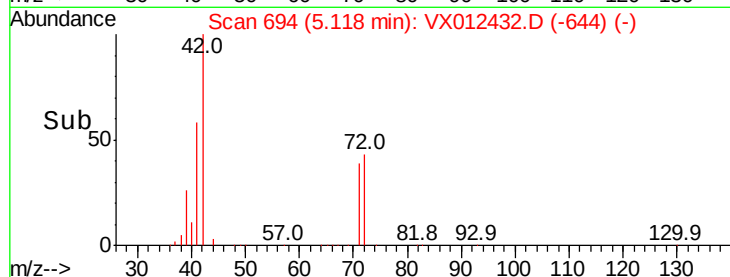
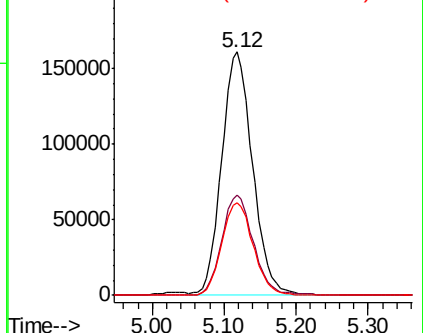
71 38.9 31.5 47.3



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: 71.870 ug/l

RT: 5.20 min Scan# 708

Delta R.T. -0.00 min

Lab File: VX012432.D

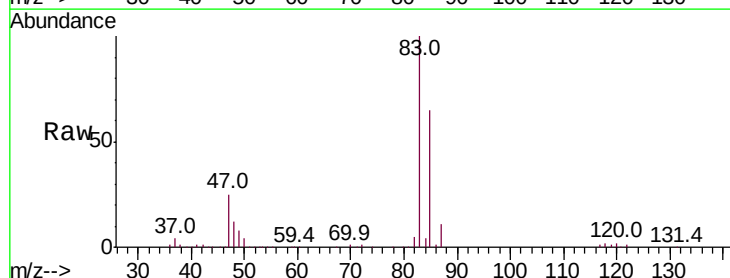
Acq: 17 Sep 2019 13:33

Tgt Ion: 83 Resp: 306631

Ion Ratio Lower Upper

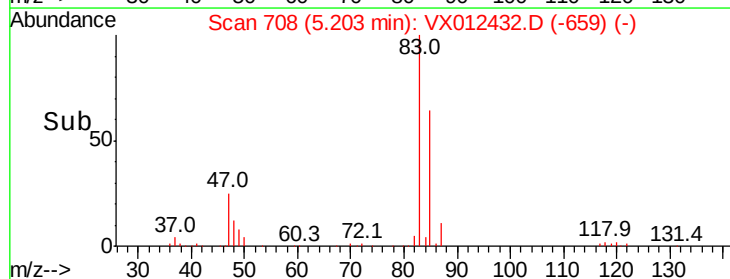
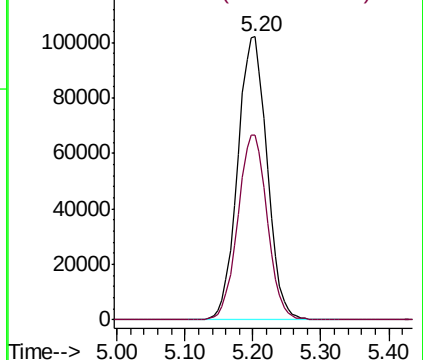
83 100

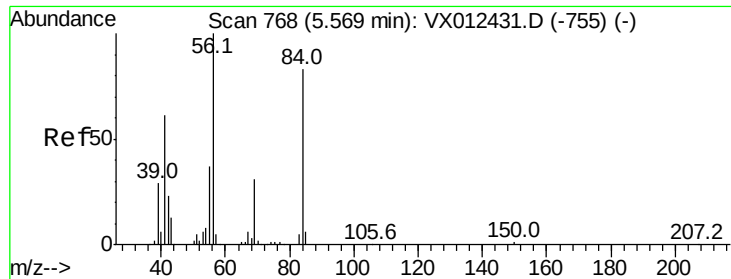
85 65.4 53.0 79.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

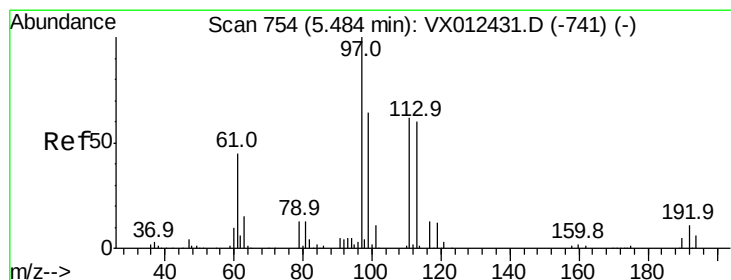
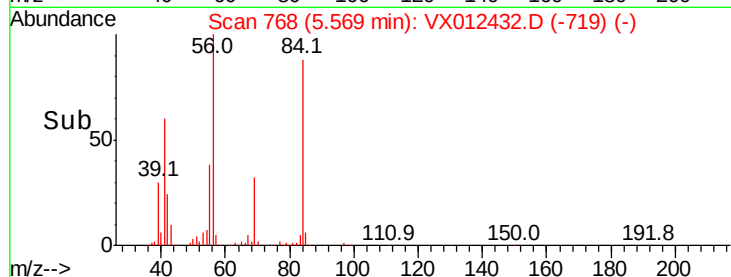
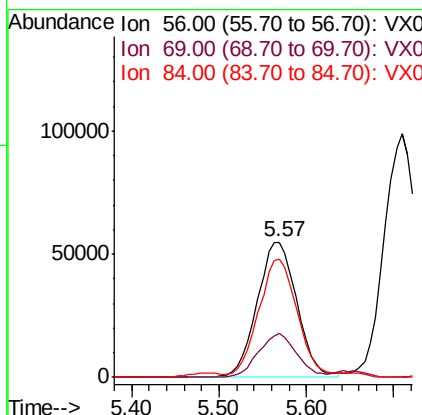
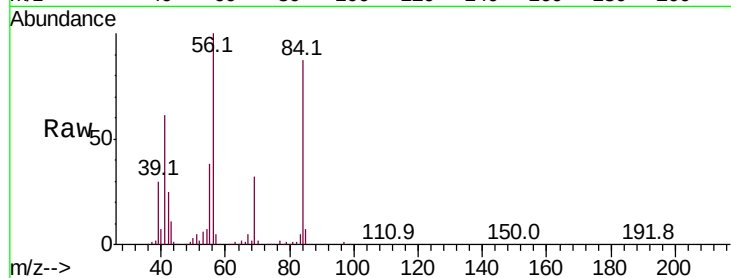




#31
Cyclohexane
Concen: 77.864 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX012432.D
Acq: 17 Sep 2019 13:33

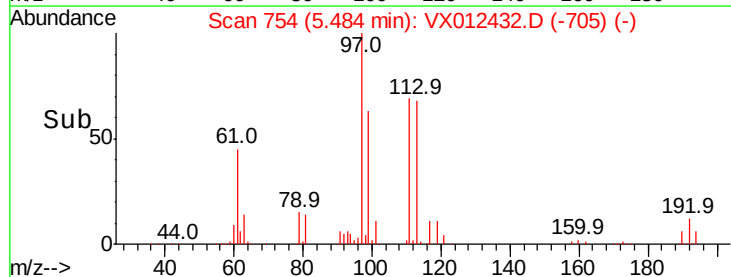
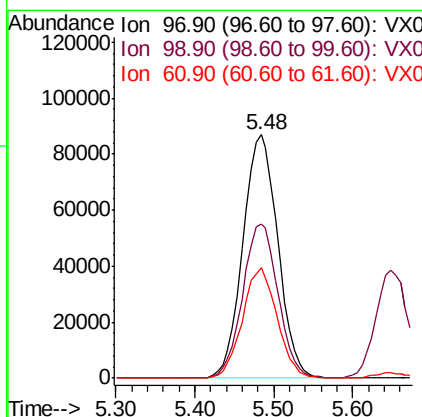
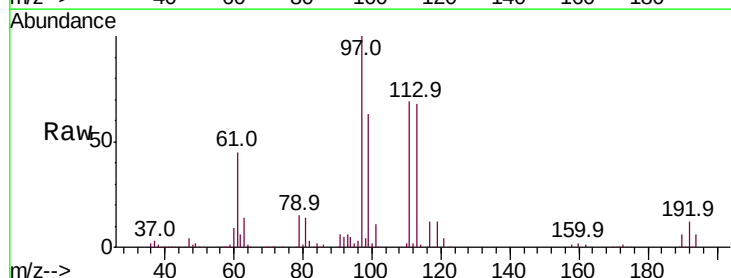
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

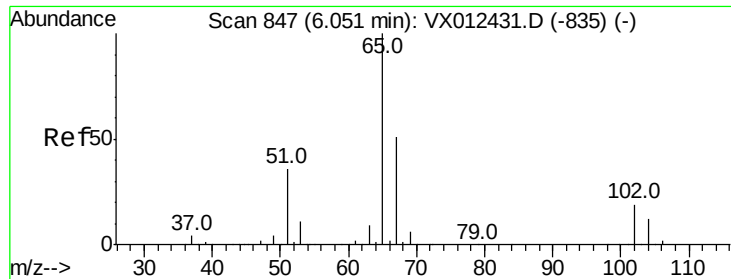
Tot Ion: 56 Resp: 172833
Ion Ratio Lower Upper
56 100
69 32.1 25.0 37.6
84 85.6 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 75.809 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012432.D
Acq: 17 Sep 2019 13:33

Tgt Ion: 97 Resp: 267883
Ion Ratio Lower Upper
97 100
99 64.2 51.3 76.9
61 44.9 36.1 54.1

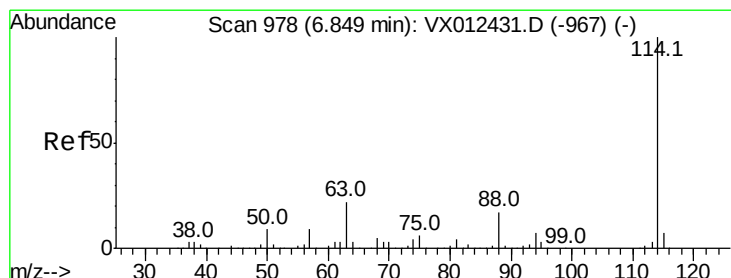
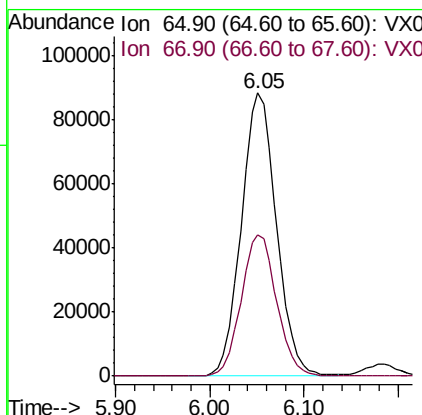
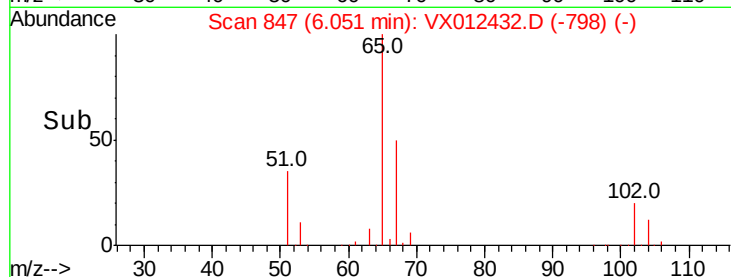
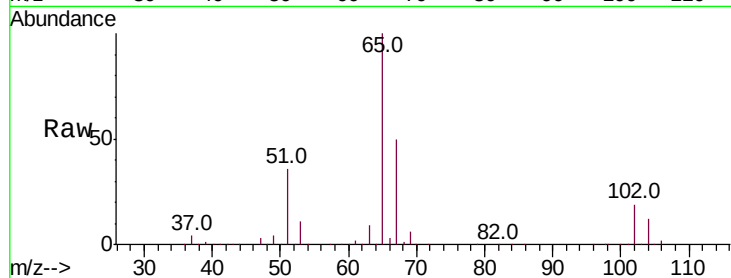




#33
 1,2-Dichloroethane-d4
 Concen: 72.256 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012432.D
 Acq: 17 Sep 2019 13:33

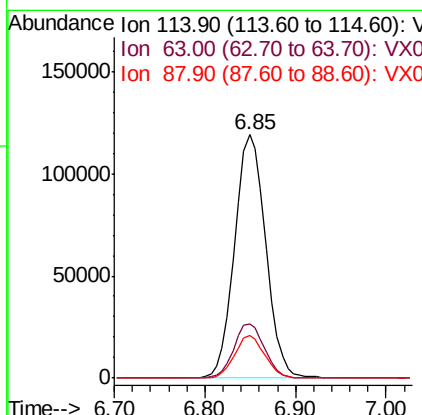
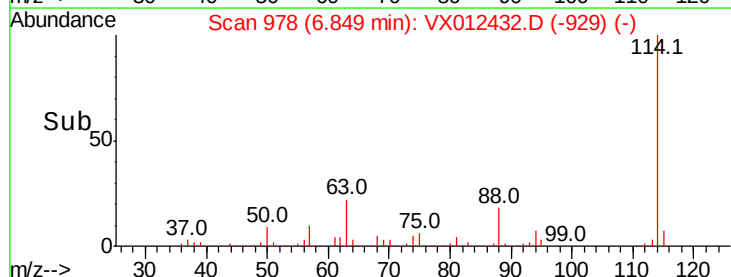
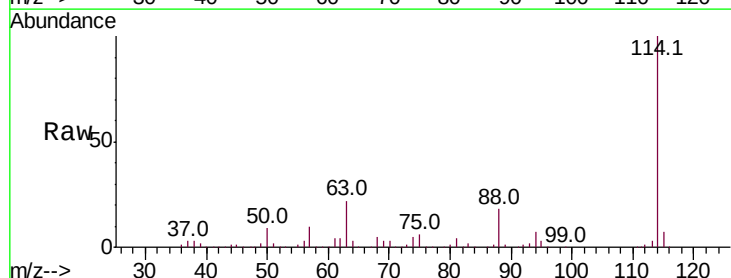
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

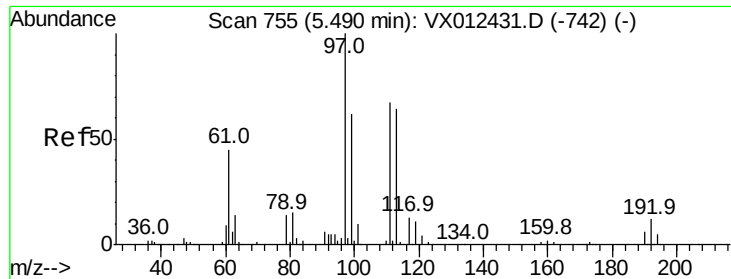
Tot Ion: 65 Resp: 230773
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012432.D
 Acq: 17 Sep 2019 13:33

Tgt Ion: 114 Resp: 283415
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.2
 88 17.6 0.0 33.2

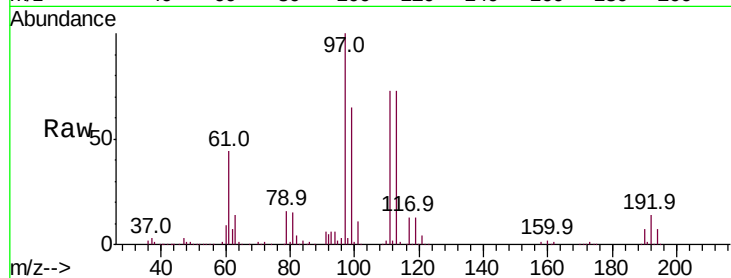




#35
 Dibromofluoromethane
 Concen: 68.178 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX012432.D
 Acq: 17 Sep 2019 13:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.4	125.2
192	18.1	14.4	21.6

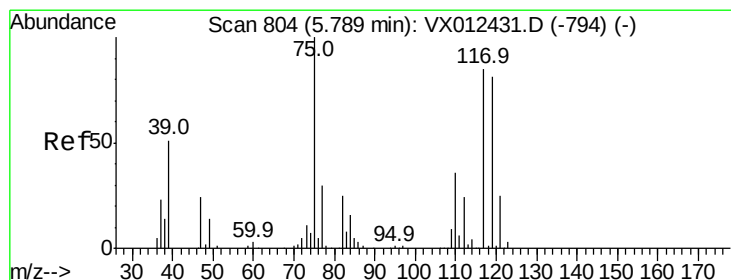
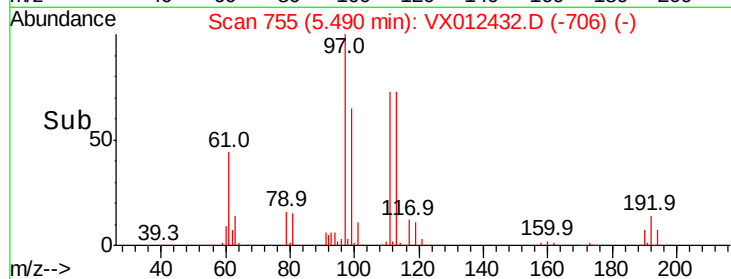
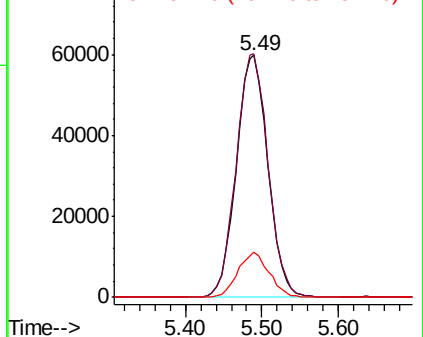


Abundance

Ion 112.80 (112.50 to 113.50): V

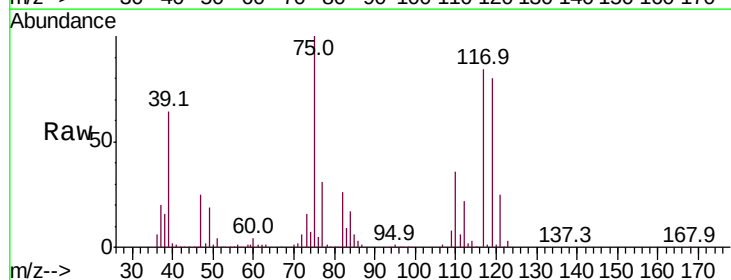
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 70.654 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX012432.D
 Acq: 17 Sep 2019 13:33

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.6	16.7	50.0
77	31.3	24.2	36.2

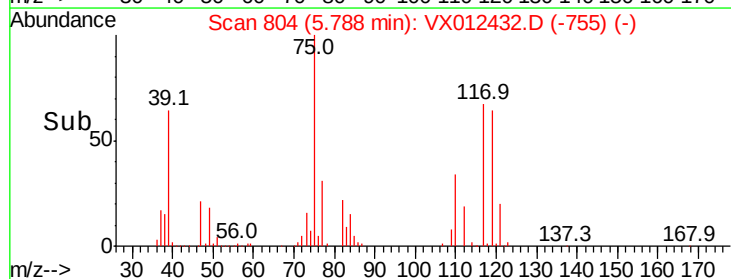
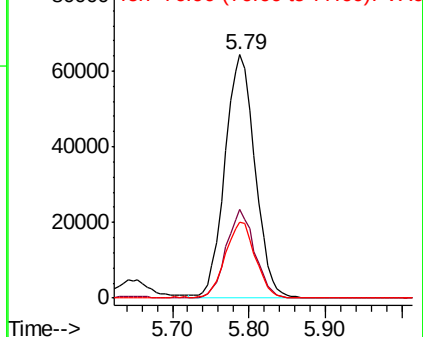


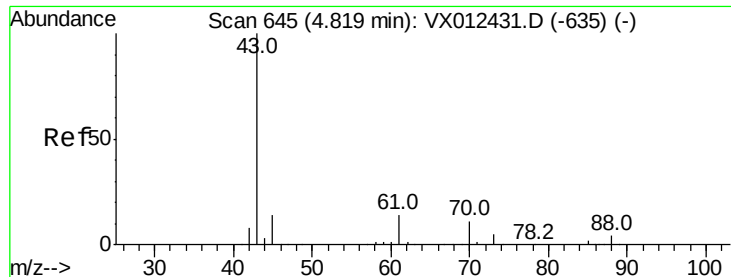
Abundance

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: 74.179 ug/l

RT: 4.82 min Scan# 645

Delta R.T. -0.00 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

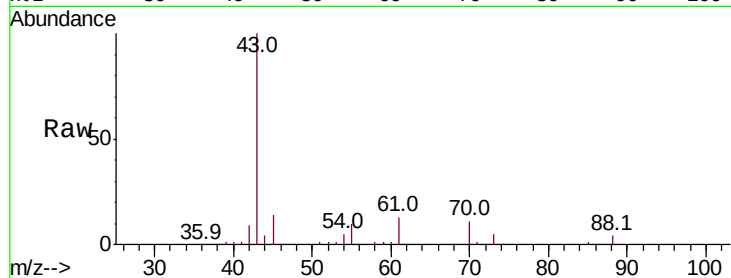
Tot Ion: 43 Resp: 282283

Ion Ratio Lower Upper

43 100

61 12.9 10.2 15.4

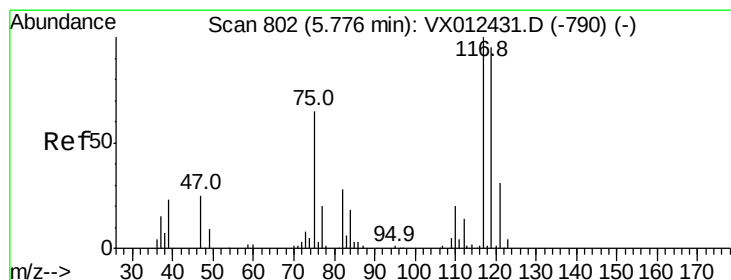
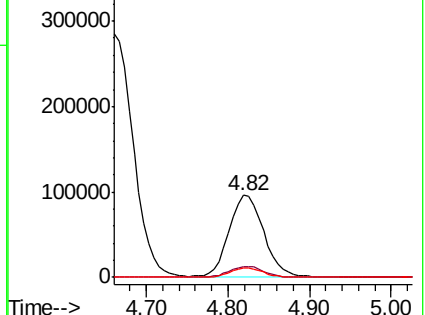
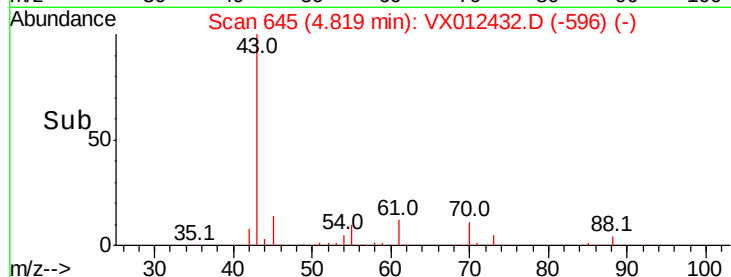
70 11.1 8.7 13.1



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: 73.615 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

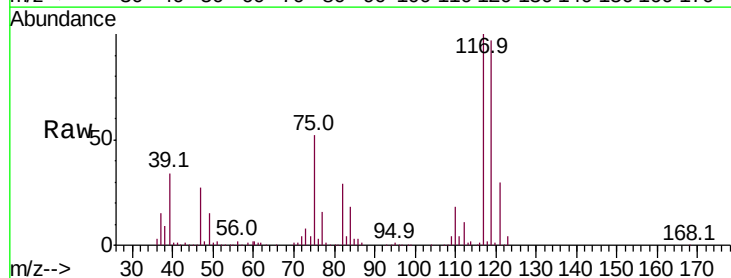
Tgt Ion: 117 Resp: 220344

Ion Ratio Lower Upper

117 100

119 97.2 75.7 113.5

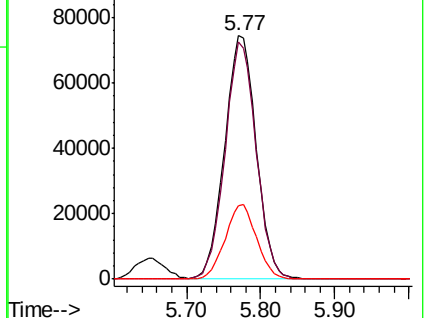
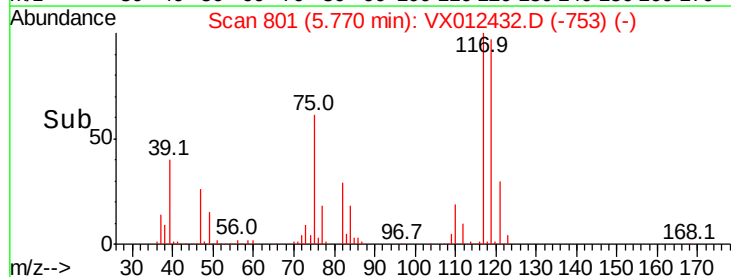
121 30.4 24.2 36.4

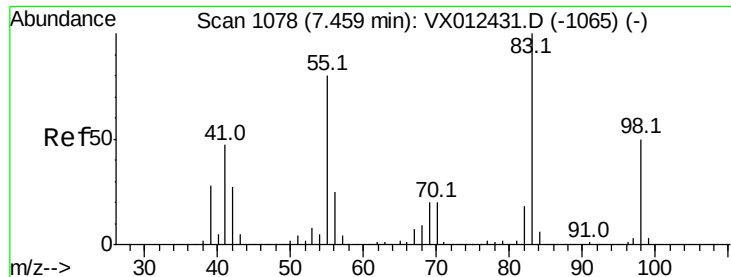


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

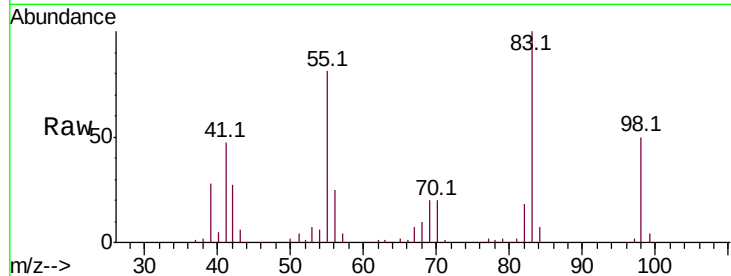




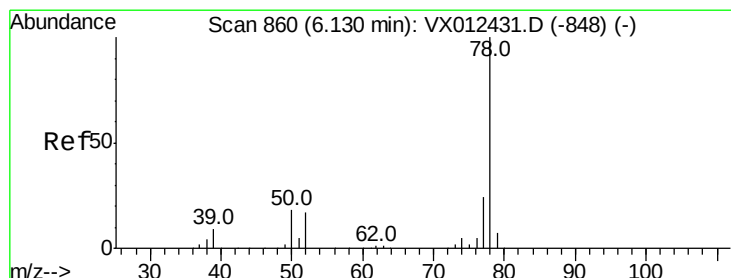
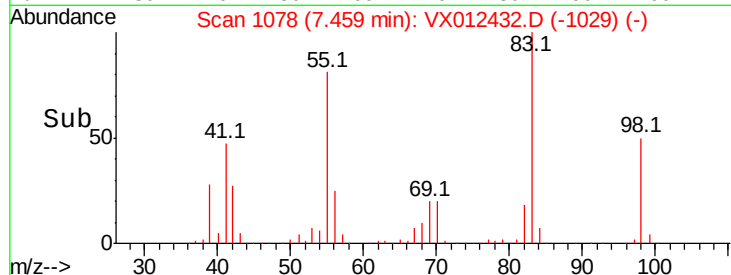
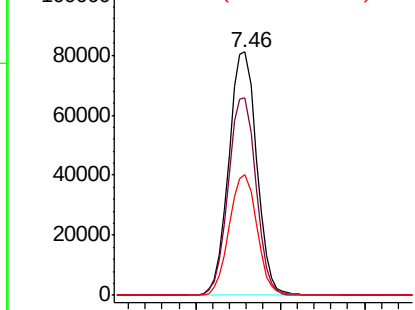
#39
Methylvlcyclohexane
Concen: 76.746 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012432.D
Acq: 17 Sep 2019 13:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 83 Resp: 181366
Ion Ratio Lower Upper
83 100
55 81.1 64.4 96.6
98 49.7 40.1 60.1

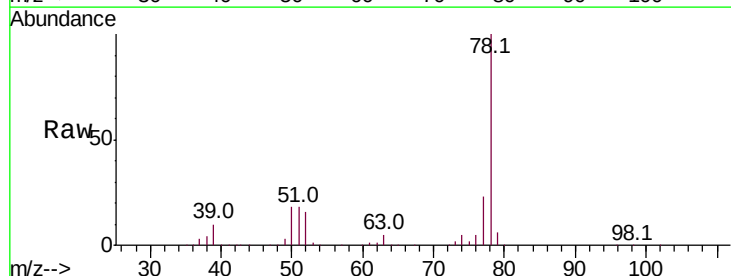


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

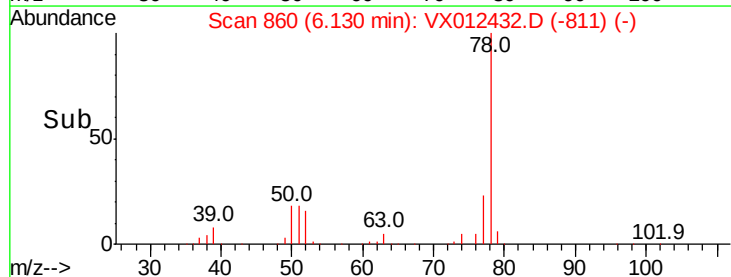
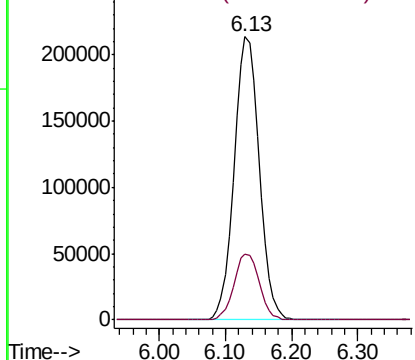


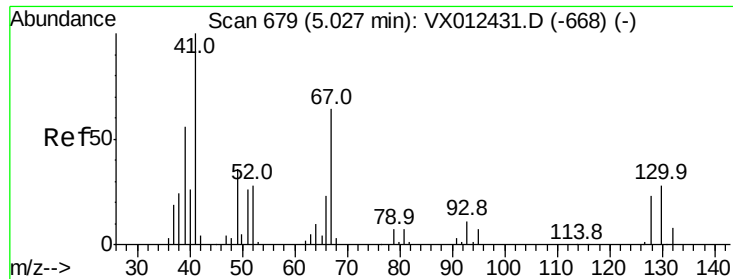
#40
Benzene
Concen: 74.046 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012432.D
Acq: 17 Sep 2019 13:33

Tgt Ion: 78 Resp: 560633
Ion Ratio Lower Upper
78 100
77 23.2 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 78.789 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 41 Resp: 170809

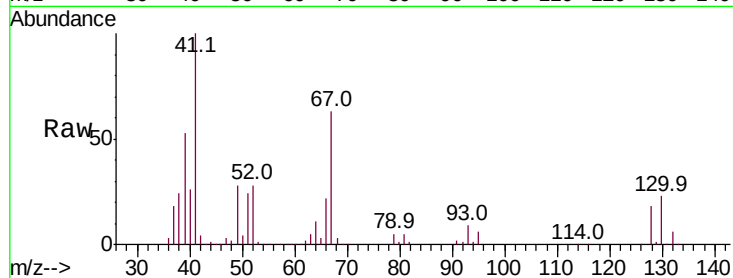
Ion Ratio Lower Upper

41 100

39 55.4 46.0 69.0

67 64.8 52.2 78.2

52 28.5 22.7 34.1

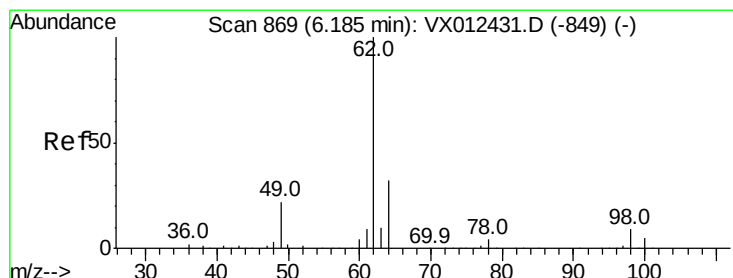
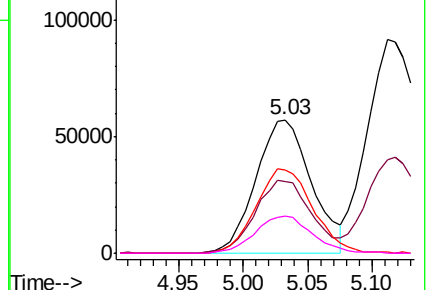
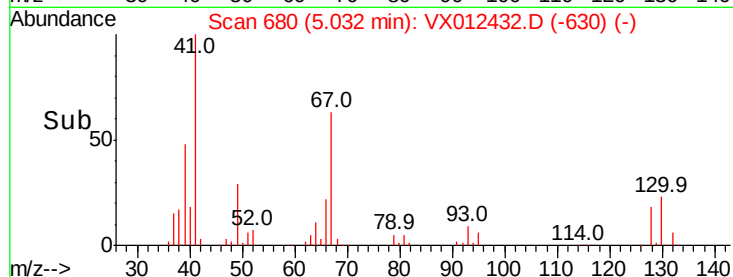


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 72.733 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX012432.D

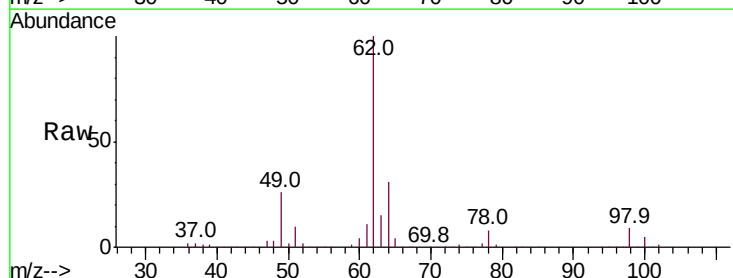
Acq: 17 Sep 2019 13:33

Tgt Ion: 62 Resp: 251492

Ion Ratio Lower Upper

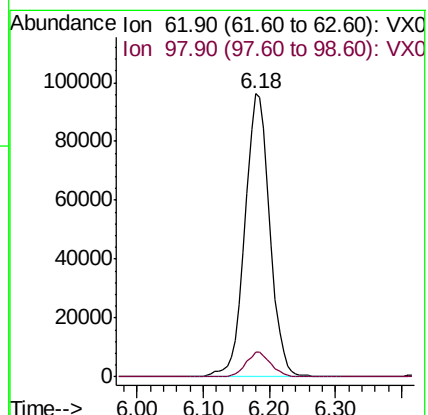
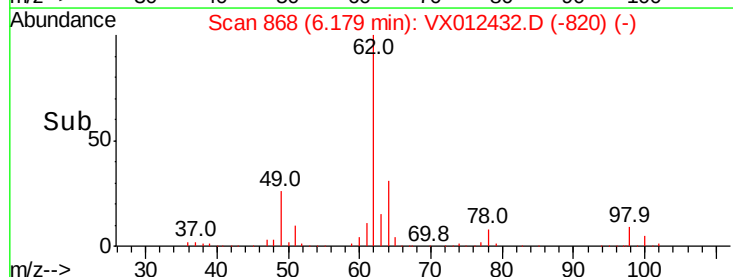
62 100

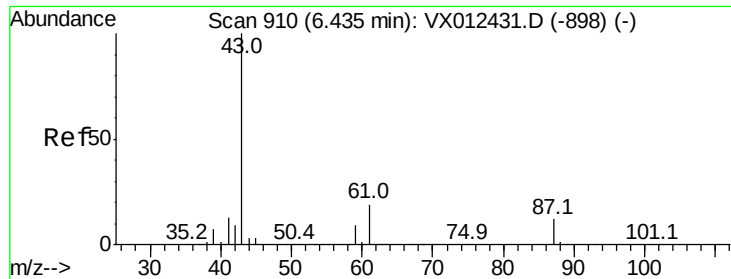
98 8.6 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 74.654 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

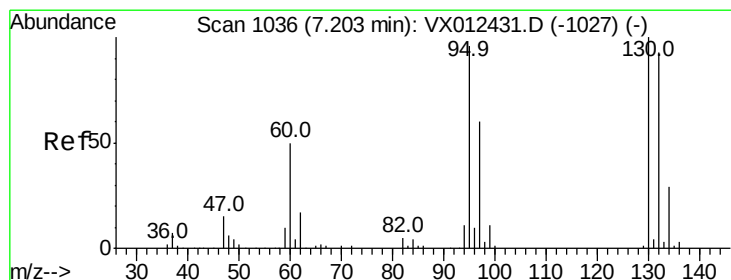
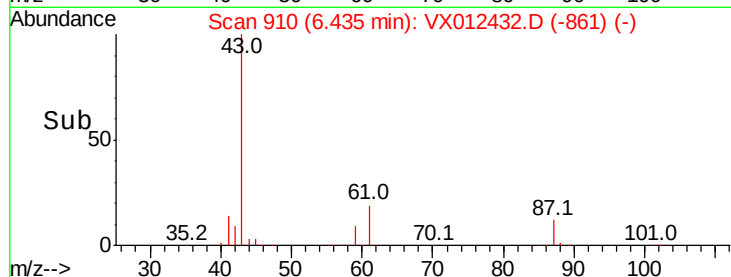
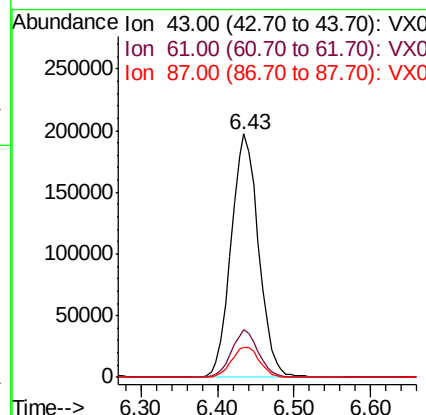
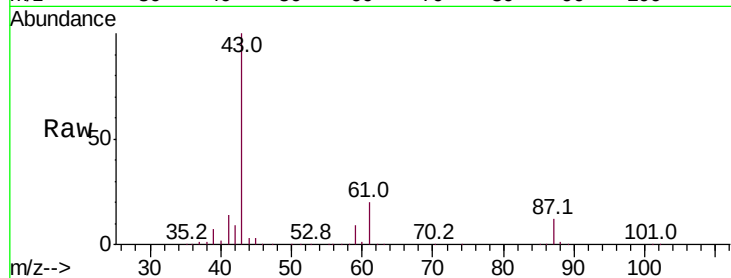
Tot Ion: 43 Resp: 488657

Ion Ratio Lower Upper

43 100

61 19.1 15.4 23.0

87 12.7 9.8 14.8



#44

Trichloroethene

Concen: 72.571 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012432.D

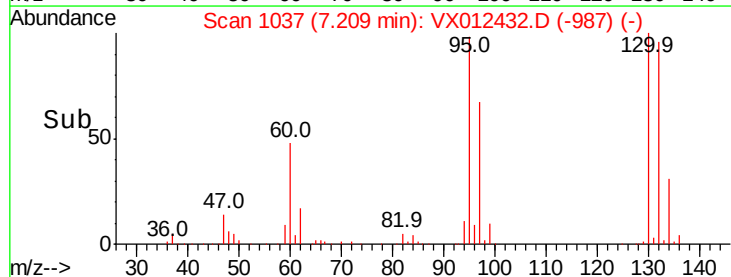
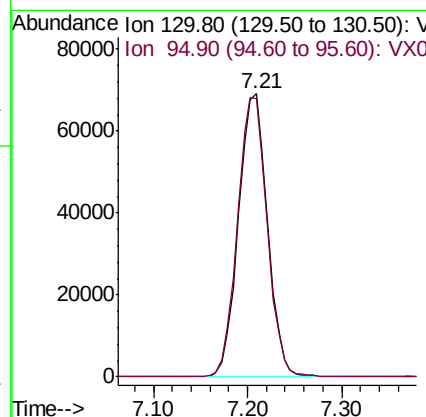
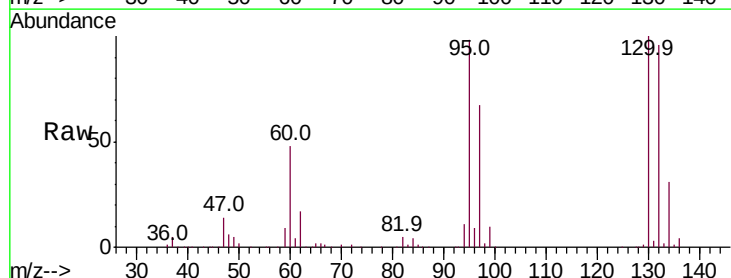
Acq: 17 Sep 2019 13:33

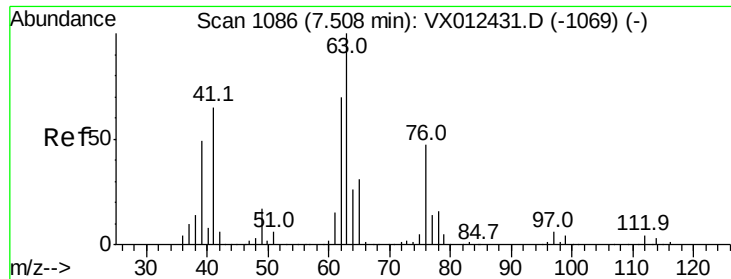
Tgt Ion:130 Resp: 147518

Ion Ratio Lower Upper

130 100

95 98.2 0.0 193.0

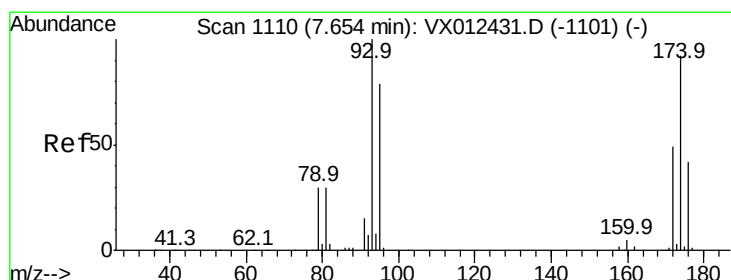
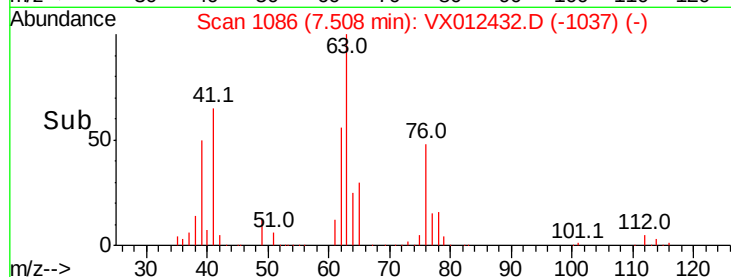
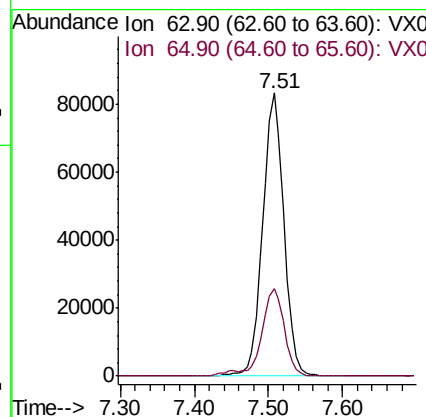
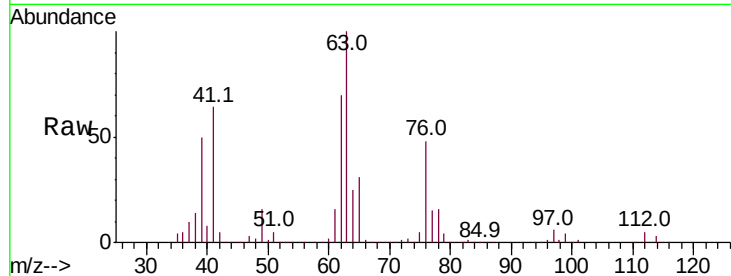




#45
 1,2-Dichloropropane
 Concen: 71.625 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012432.D
 Acq: 17 Sep 2019 13:33

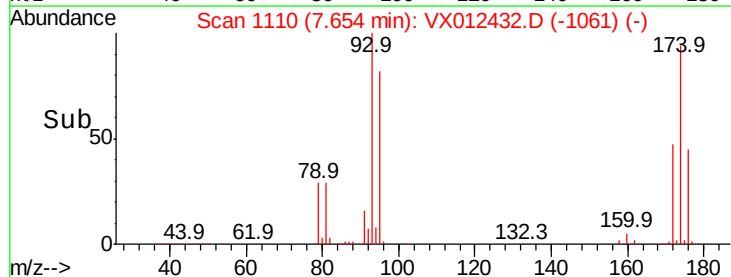
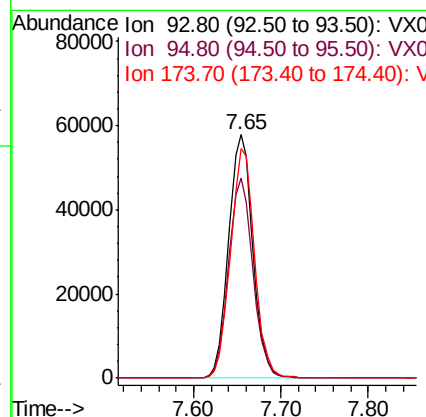
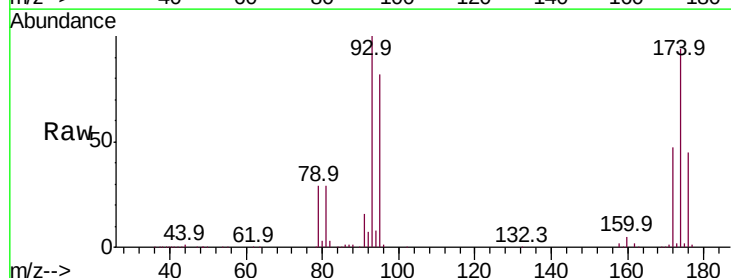
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

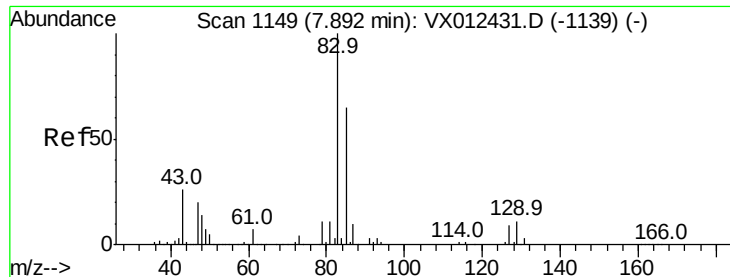
Tot Ion: 63 Resp: 166827
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.0 37.6



#46
 Dibromomethane
 Concen: 71.828 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012432.D
 Acq: 17 Sep 2019 13:33

Tgt Ion: 93 Resp: 111094
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.6 100.0
 174 94.0 77.4 116.0





#47

Bromodichloromethane

Concen: 74.268 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

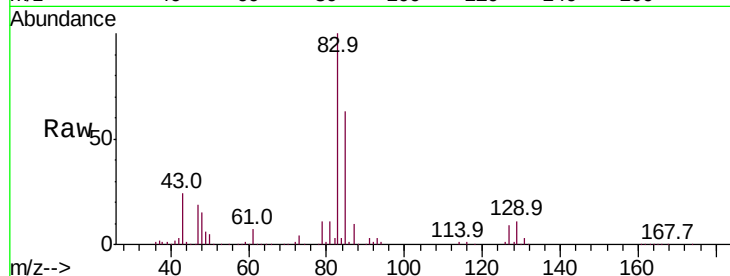
Tot Ion: 83 Resp: 255797

Ion Ratio Lower Upper

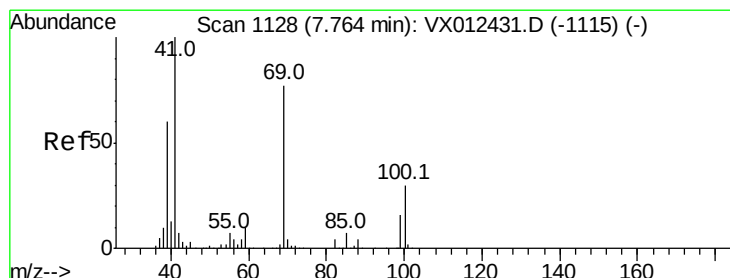
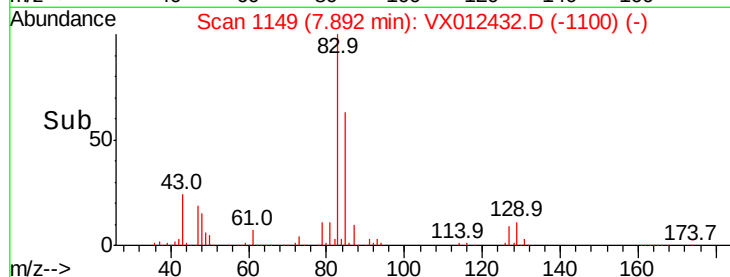
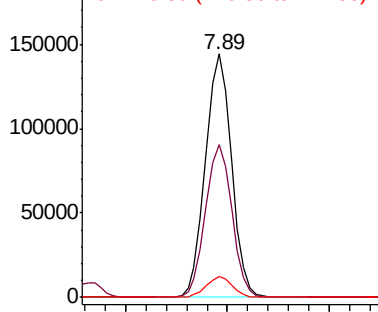
83 100

85 62.8 51.8 77.6

127 8.5 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: 80.634 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

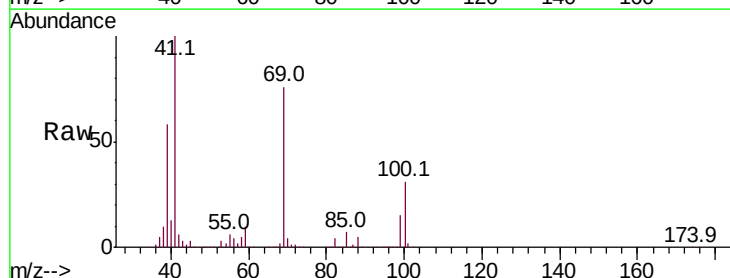
Tgt Ion: 41 Resp: 234329

Ion Ratio Lower Upper

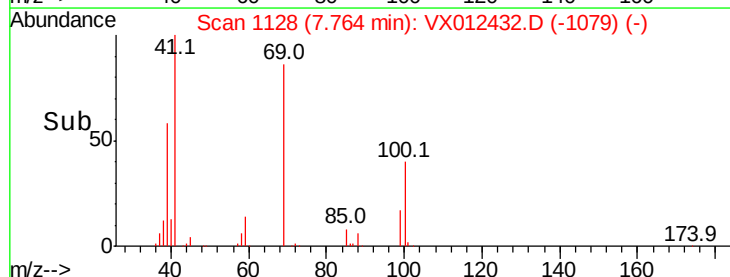
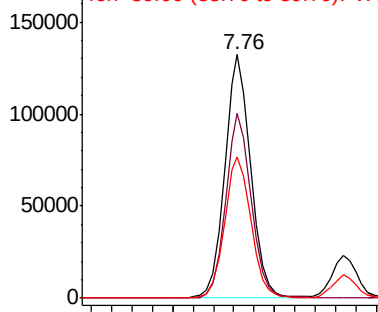
41 100

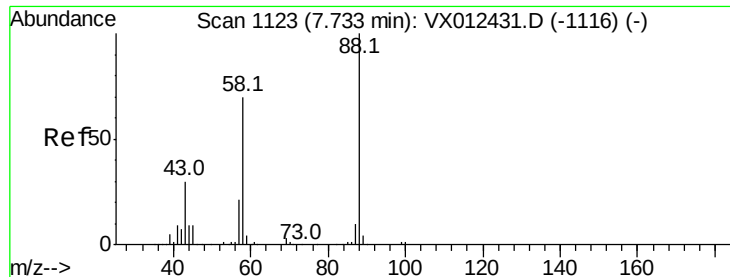
69 74.9 59.9 89.9

39 59.2 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



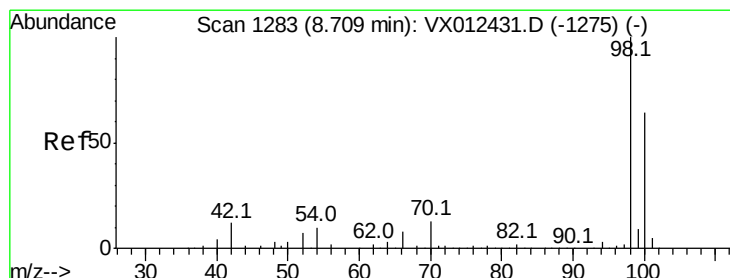
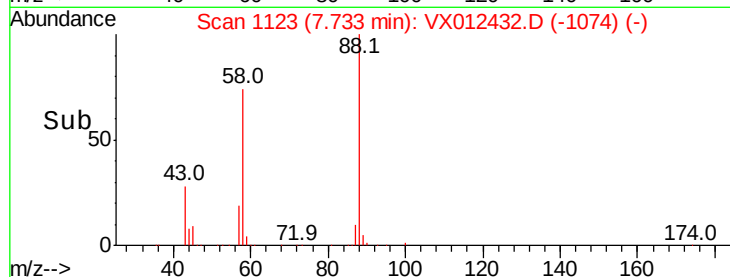
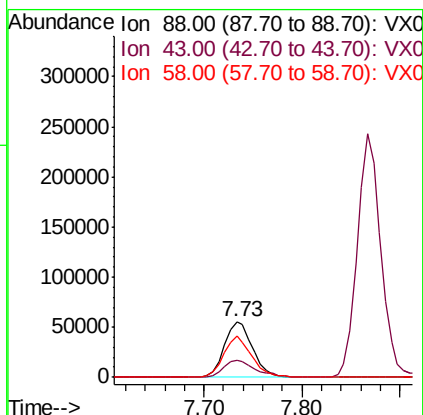
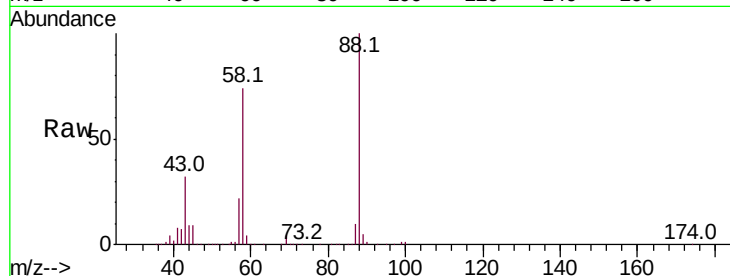


#49
1,4-Dioxane
Concen: 1491.947 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX012432.D
Acq: 17 Sep 2019 13:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 88 Resp: 110622

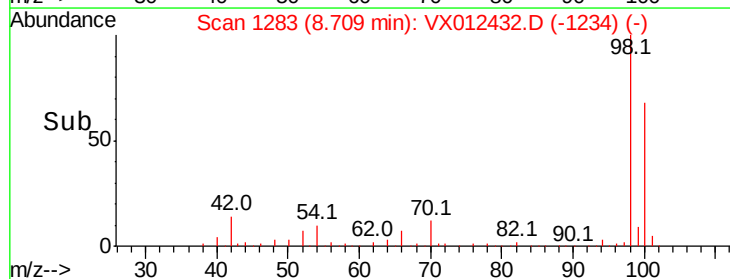
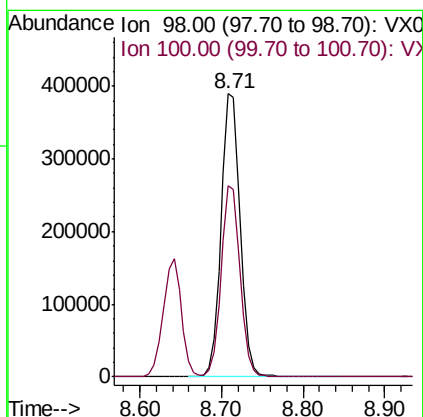
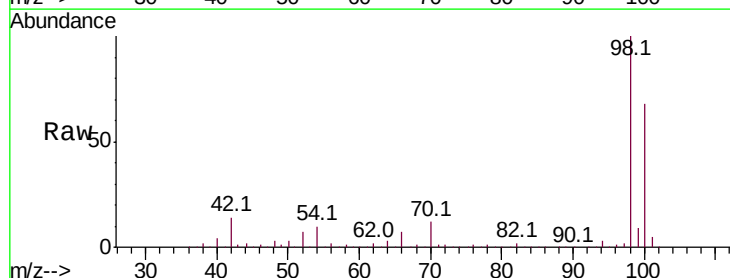
Ion	Ratio	Lower	Upper
88	100		
43	35.6	29.4	44.0
58	73.0	57.5	86.3

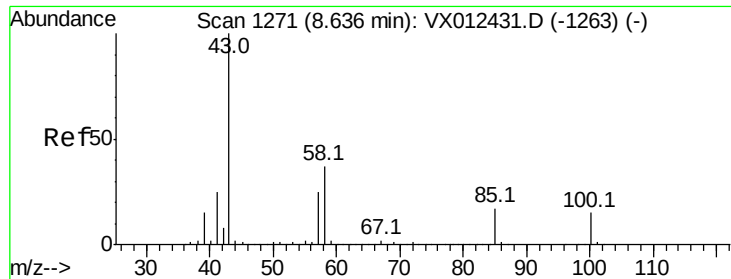


#50
Toluene-d8
Concen: 70.876 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012432.D
Acq: 17 Sep 2019 13:33

Tgt Ion: 98 Resp: 631088

Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 379.652 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

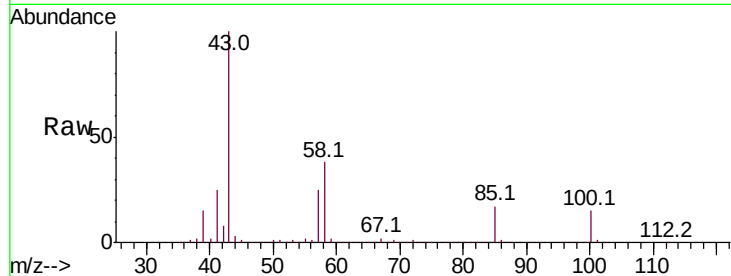
VSTDIC100

Tot Ion: 43 Resp: 1607604

Ion Ratio Lower Upper

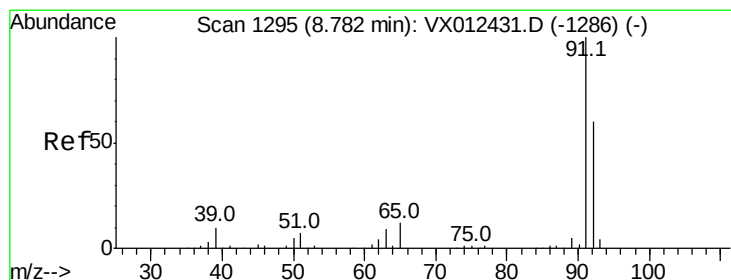
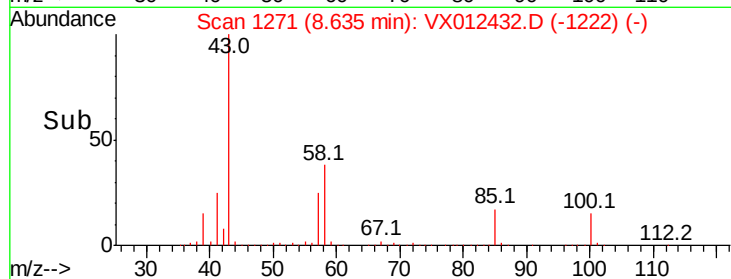
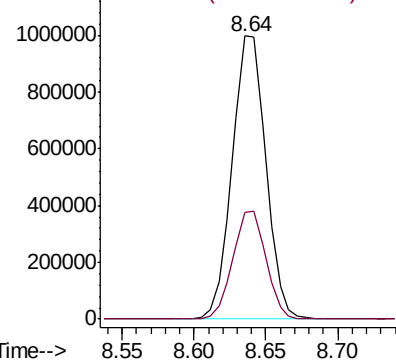
43 100

58 37.9 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: 74.427 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012432.D

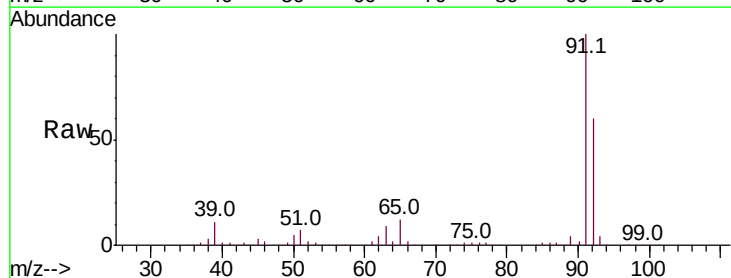
Acq: 17 Sep 2019 13:33

Tgt Ion: 92 Resp: 366280

Ion Ratio Lower Upper

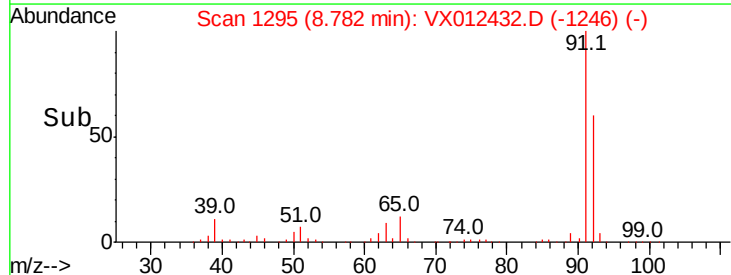
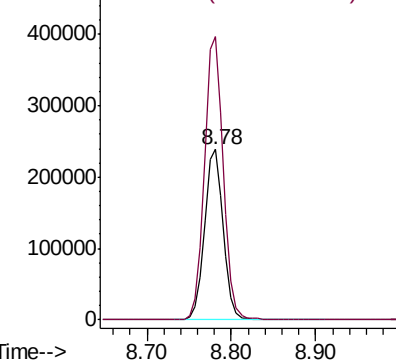
92 100

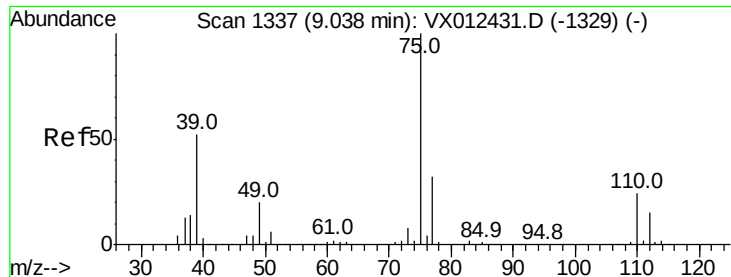
91 167.6 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

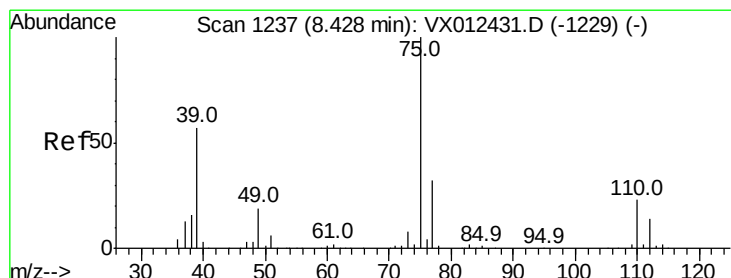
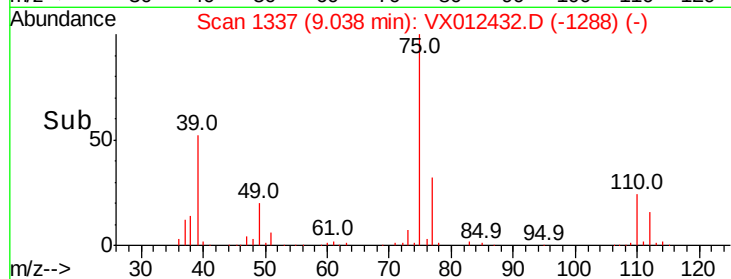
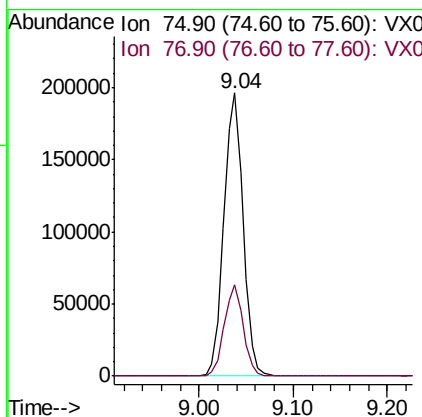
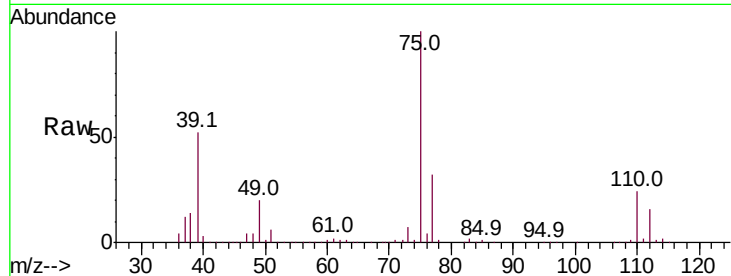




#53
t-1,3-Dichloropropene
Concen: 77.470 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012432.D
Acq: 17 Sep 2019 13:33

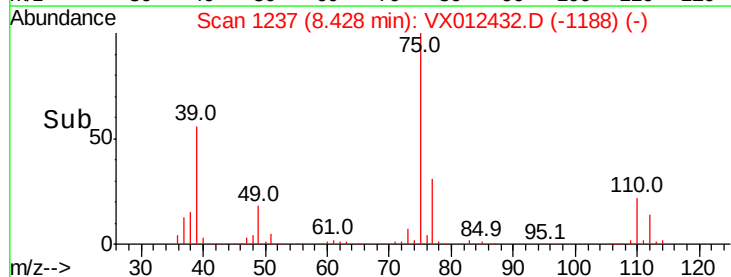
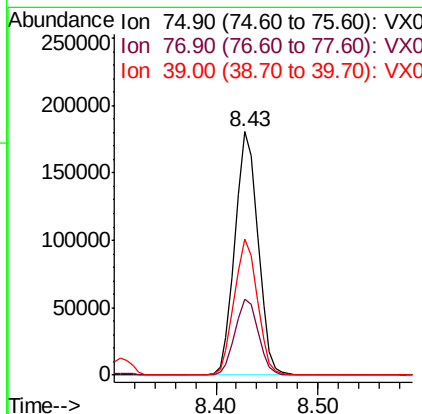
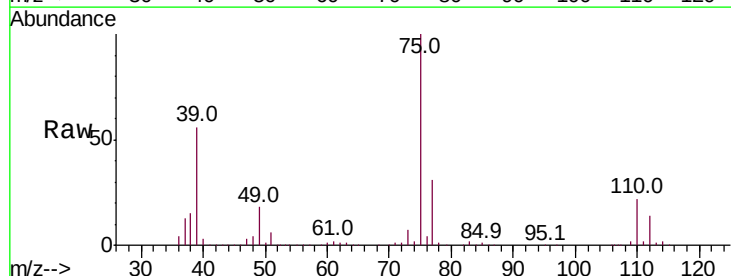
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

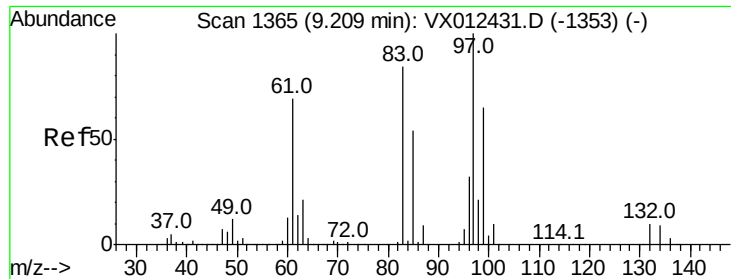
Tot Ion: 75 Resp: 276870
Ion Ratio Lower Upper
75 100
77 32.3 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 76.070 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012432.D
Acq: 17 Sep 2019 13:33

Tgt Ion: 75 Resp: 281387
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.8
39 55.8 45.5 68.3

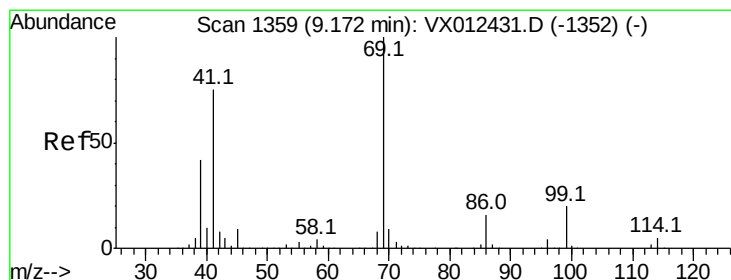
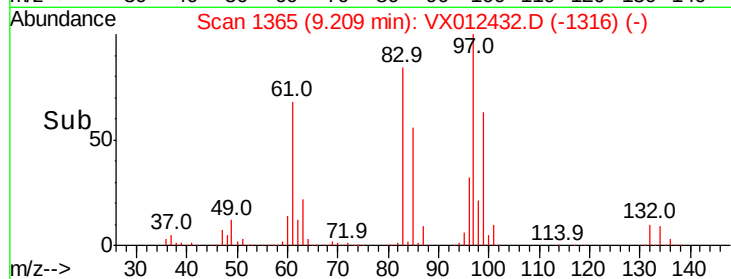
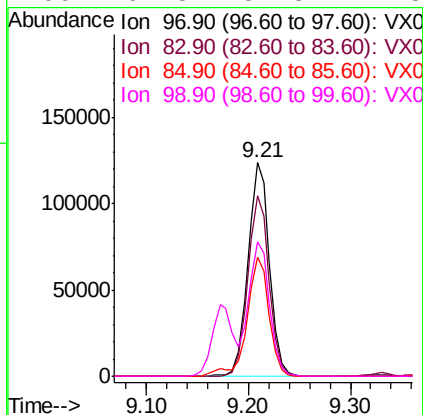
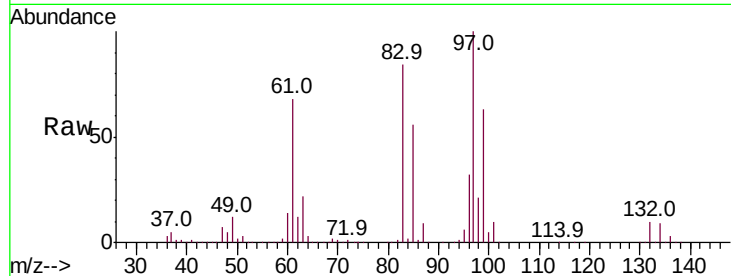




#55
 1,1,2-Trichloroethane
 Concen: 69.261 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012432.D
 Acq: 17 Sep 2019 13:33

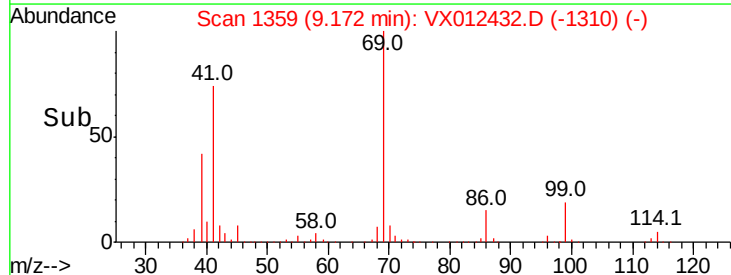
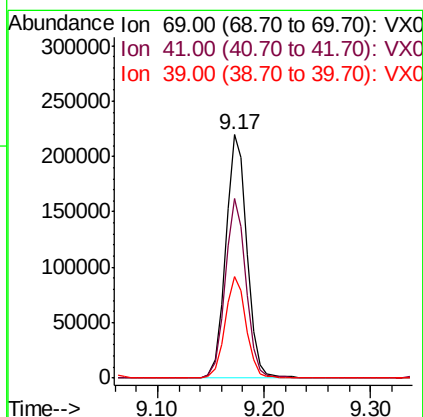
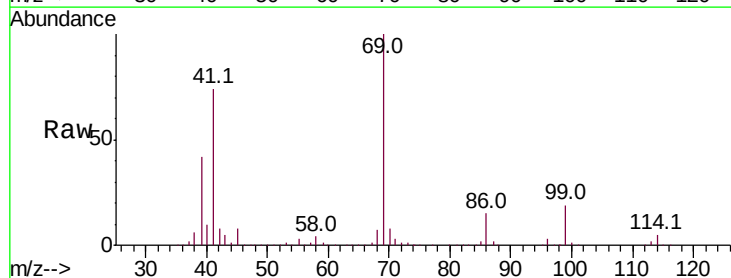
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

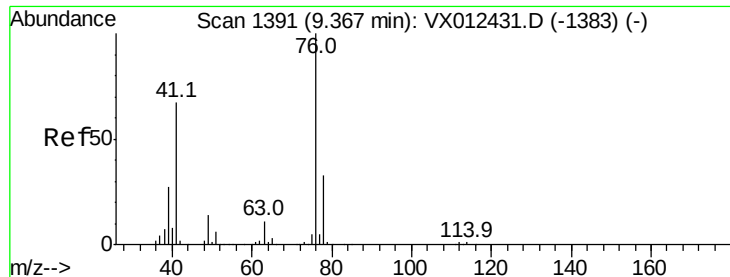
Tot Ion:	97	Resp:	180393
Ion	Ratio	Lower	Upper
97	100		
83	84.4	67.4	101.2
85	55.9	43.5	65.3
99	62.8	51.8	77.8



#56
 Ethyl methacrylate
 Concen: 78.162 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012432.D
 Acq: 17 Sep 2019 13:33

Tgt Ion:	69	Resp:	305933
Ion	Ratio	Lower	Upper
69	100		
41	72.3	58.4	87.6
39	41.3	33.4	50.0





#57

1,3-Dichloropropane

Concen: 72.038 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

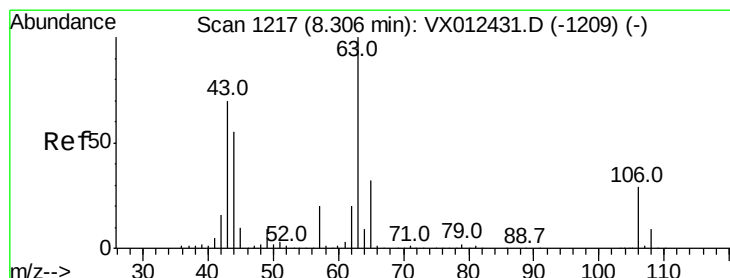
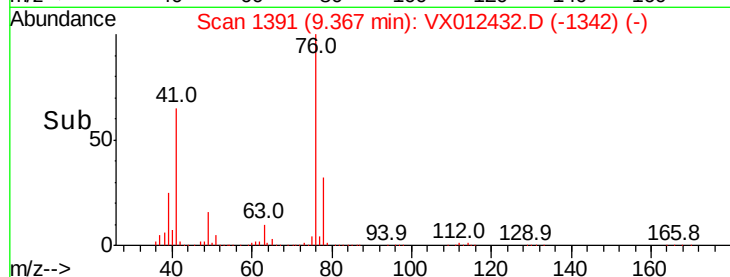
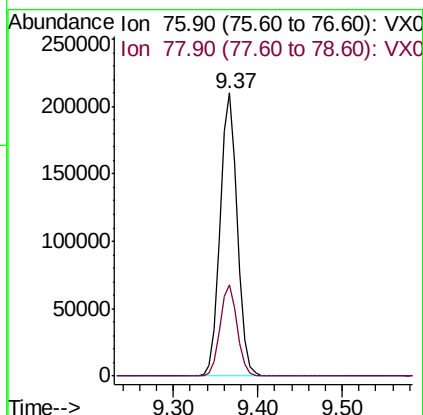
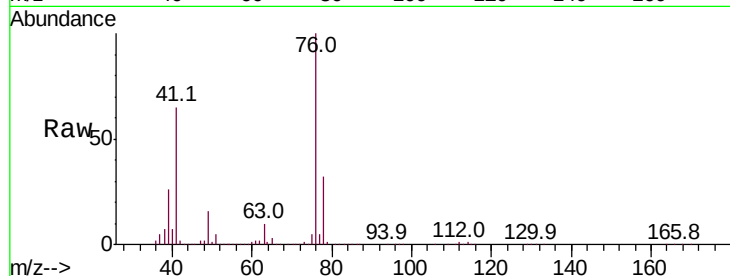
Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 76 Resp: 296984

Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.2	39.2



#58

2-Chloroethyl Vinyl ether

Concen: 376.536 ug/l

RT: 8.31 min Scan# 1217

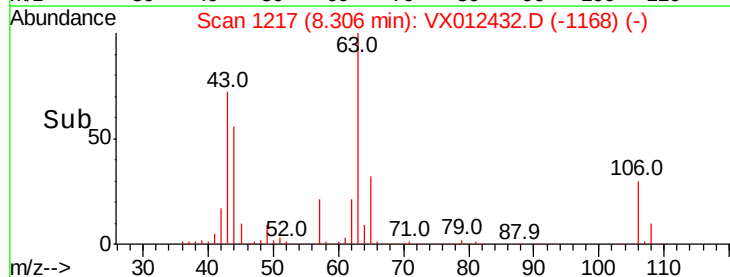
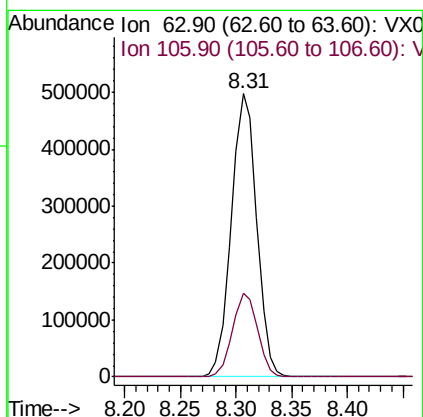
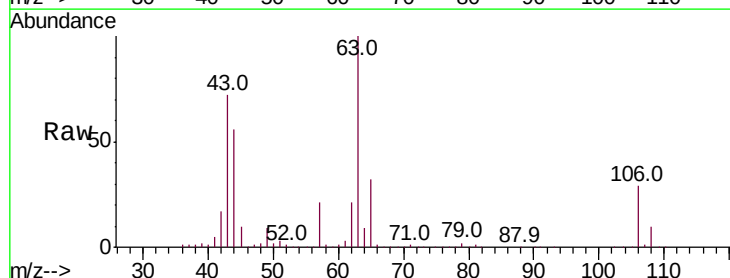
Delta R.T. -0.00 min

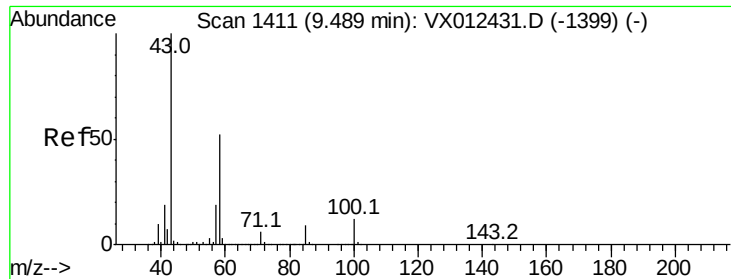
Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

Tgt Ion: 63 Resp: 785573

Ion	Ratio	Lower	Upper
63	100		
106	29.4	23.8	35.6

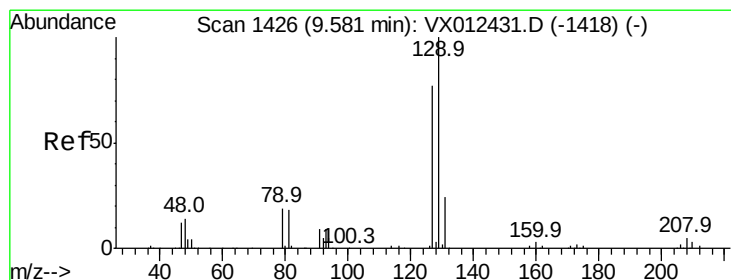
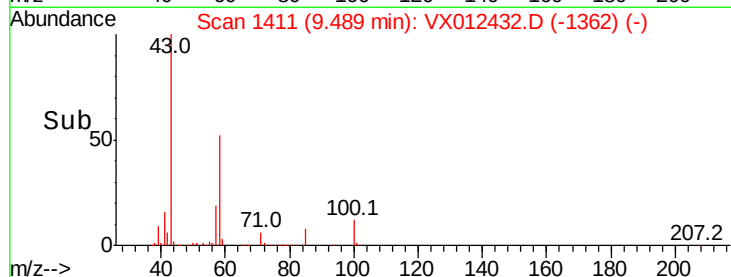
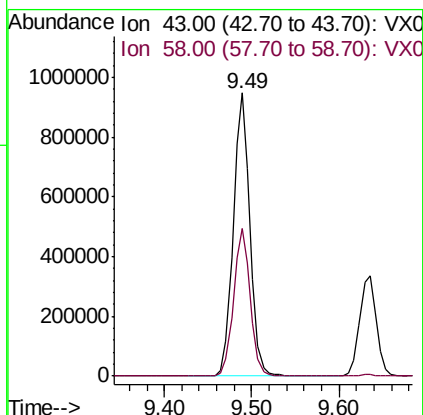
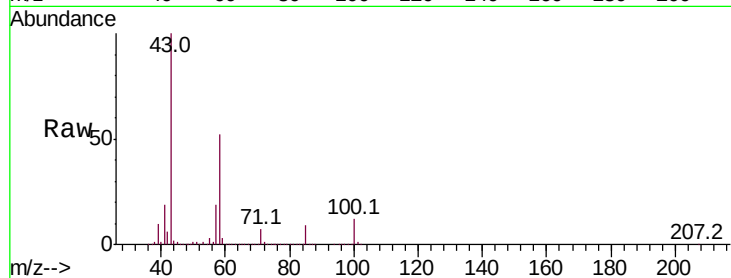




#59
2-Hexanone
Concen: 384.927 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX012432.D
Acq: 17 Sep 2019 13:33

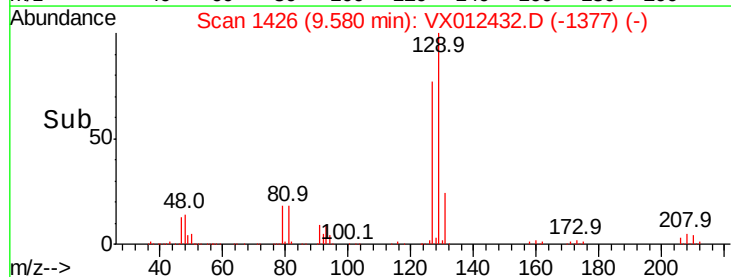
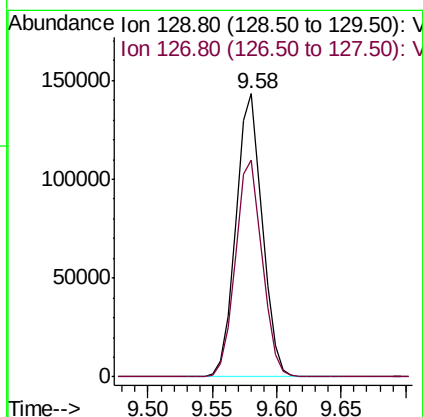
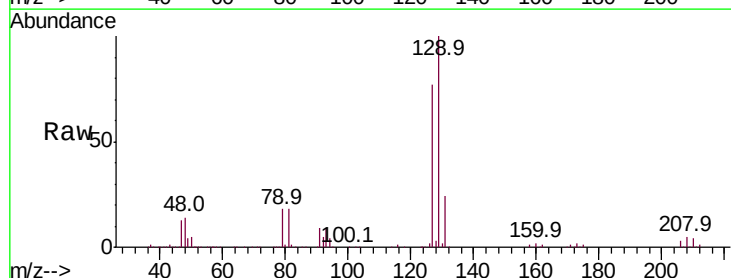
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

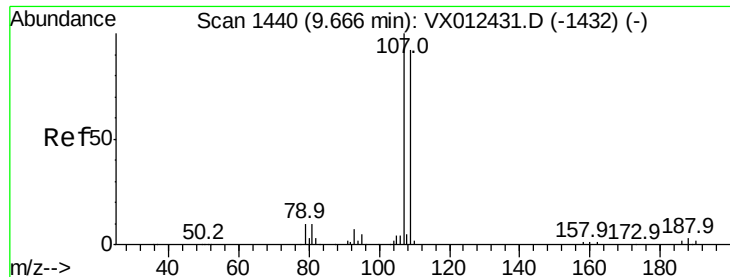
Tot Ion: 43 Resp: 1260039
Ion Ratio Lower Upper
43 100
58 52.2 25.7 77.1



#60
Dibromochloromethane
Concen: 76.705 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX012432.D
Acq: 17 Sep 2019 13:33

Tgt Ion: 129 Resp: 204020
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 72.775 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

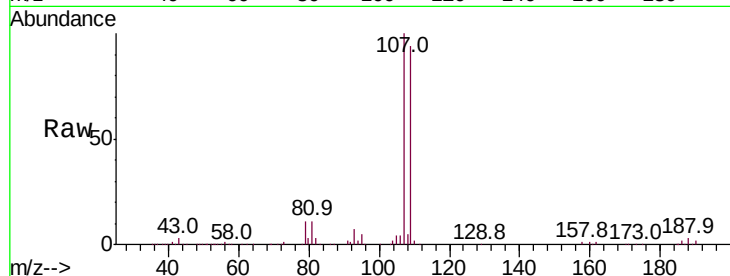
VSTDIC100

Tot Ion: 107 Resp: 173803

Ion Ratio Lower Upper

107 100

109 94.2 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

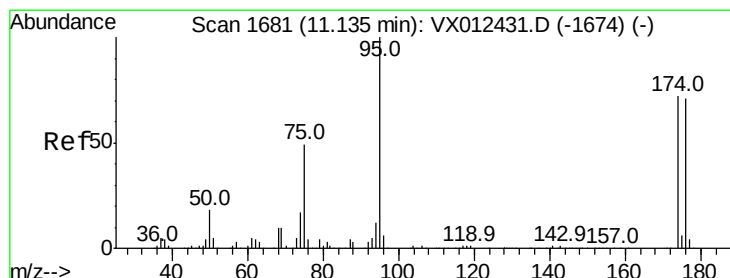
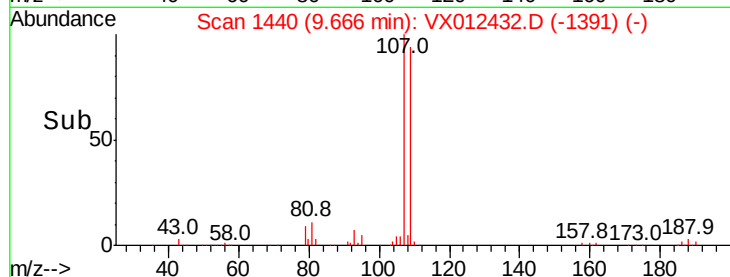
9.67

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 71.023 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

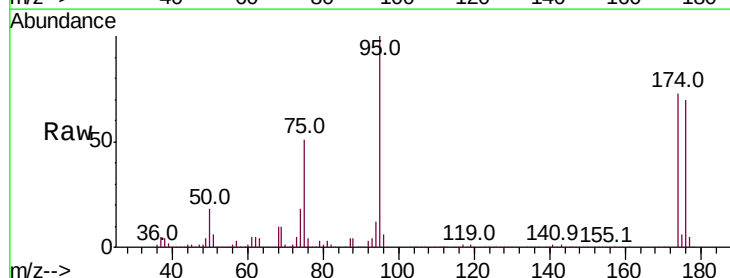
Tgt Ion: 95 Resp: 267981

Ion Ratio Lower Upper

95 100

174 69.7 0.0 140.0

176 66.7 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

250000

200000

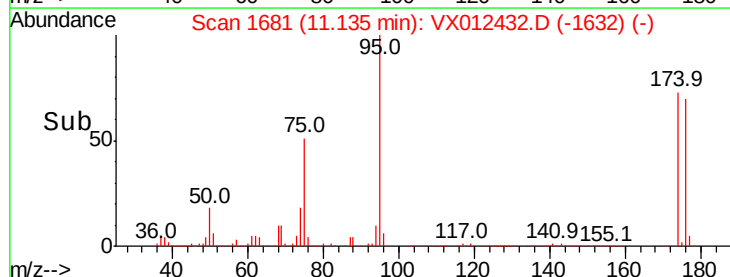
150000

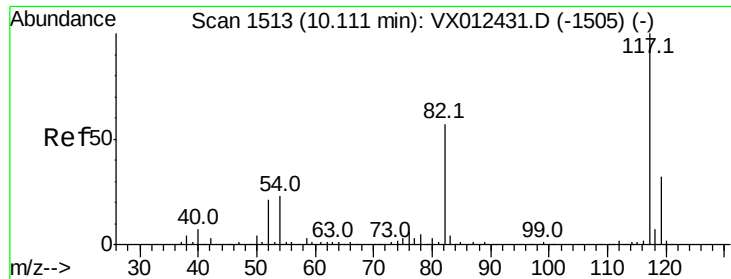
100000

50000

0

Time-->

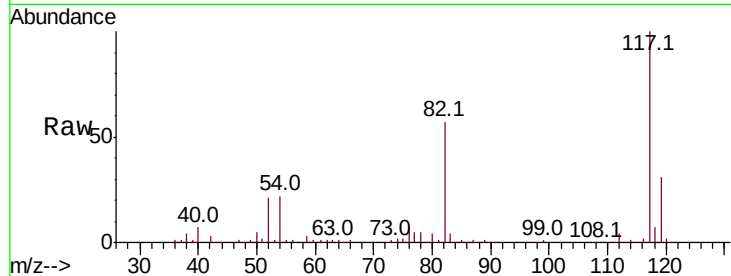




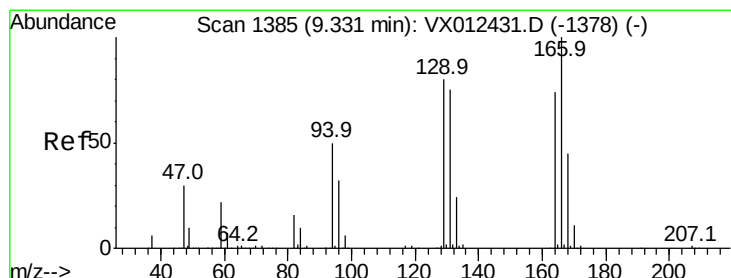
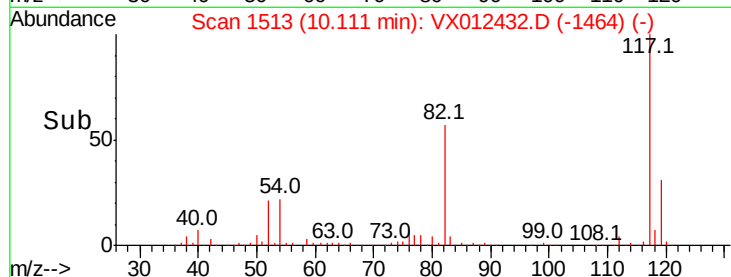
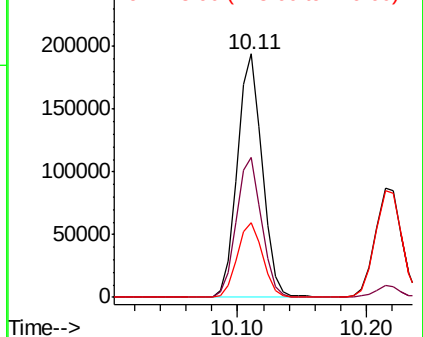
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012432.D
Acq: 17 Sep 2019 13:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:117 Resp: 260733
Ion Ratio Lower Upper
117 100
82 57.4 45.9 68.9
119 30.9 25.3 37.9

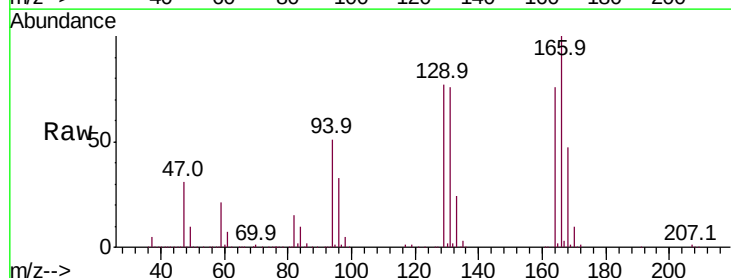


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

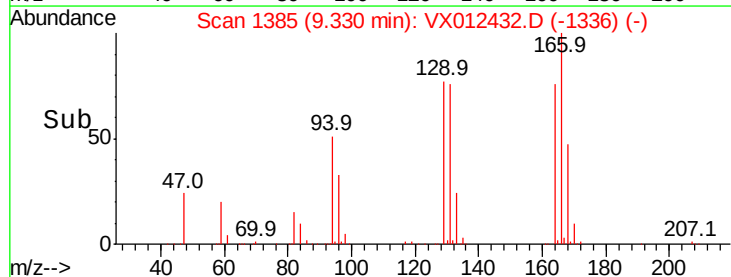
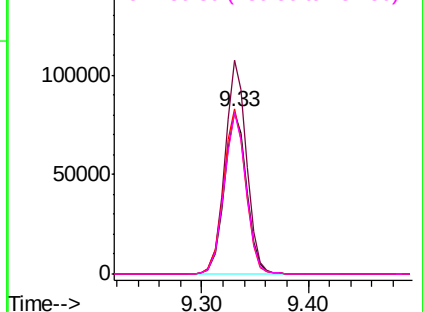


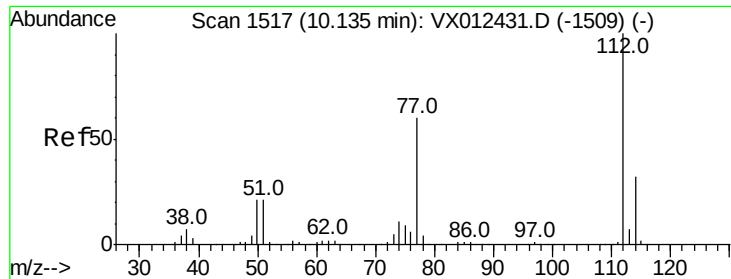
#64
Tetrachloroethene
Concen: 72.917 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012432.D
Acq: 17 Sep 2019 13:33

Tgt Ion:164 Resp: 118957
Ion Ratio Lower Upper
164 100
166 132.4 107.8 161.6
129 102.6 86.2 129.2
131 100.3 80.4 120.6



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

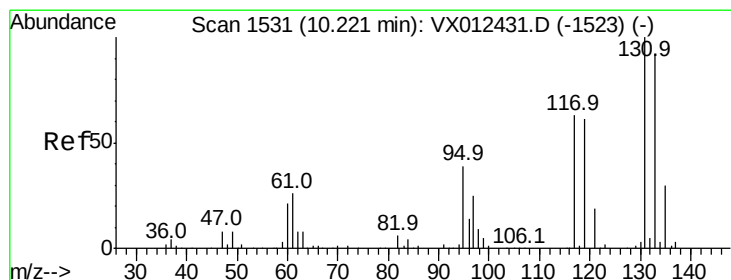
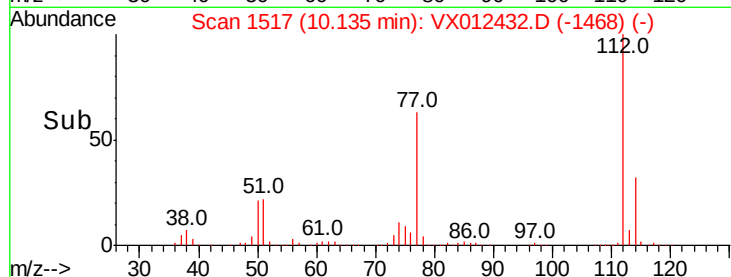
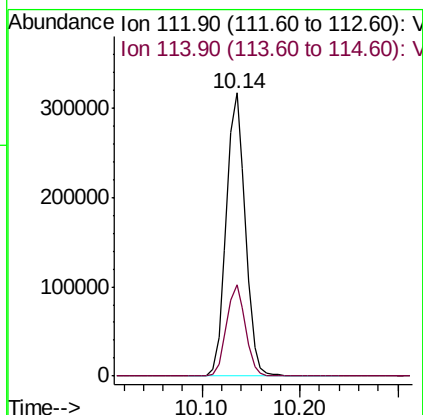
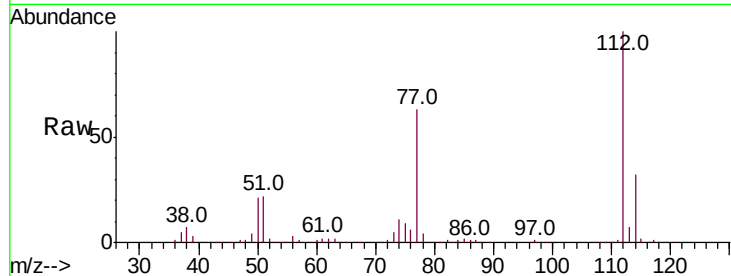




#65
Chlorobenzene
Concen: 74.994 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012432.D
Acq: 17 Sep 2019 13:33

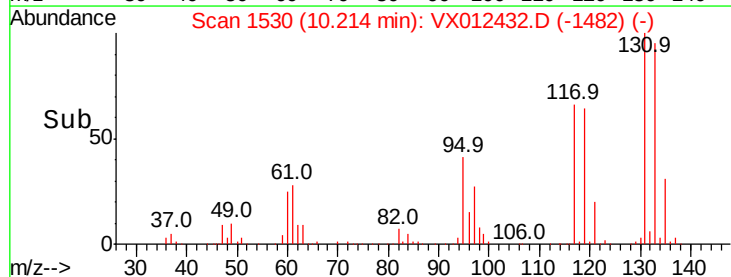
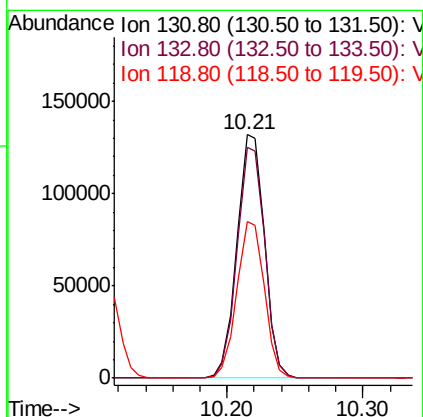
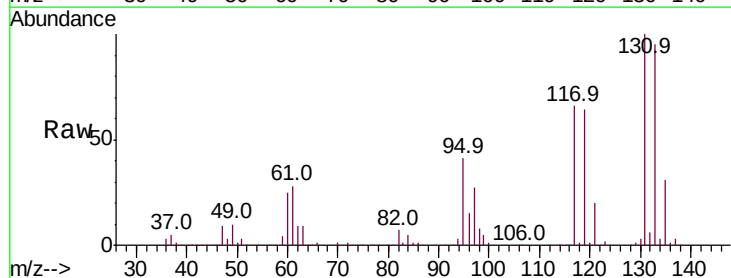
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

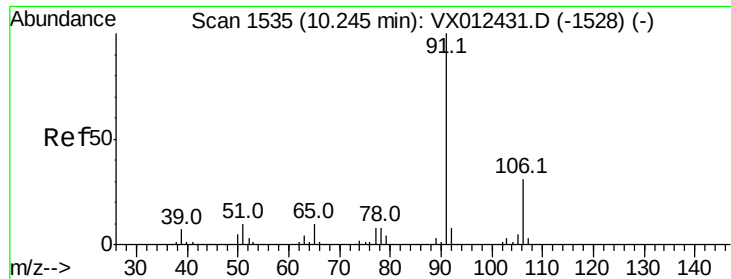
Tot Ion:112 Resp: 430388
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 76.502 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012432.D
Acq: 17 Sep 2019 13:33

Tgt Ion:131 Resp: 186115
Ion Ratio Lower Upper
131 100
133 95.1 47.6 142.9
119 64.3 31.3 93.8

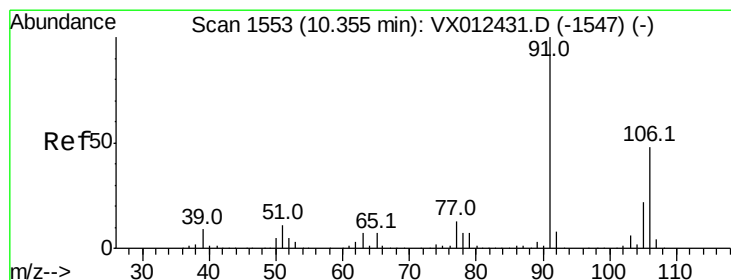
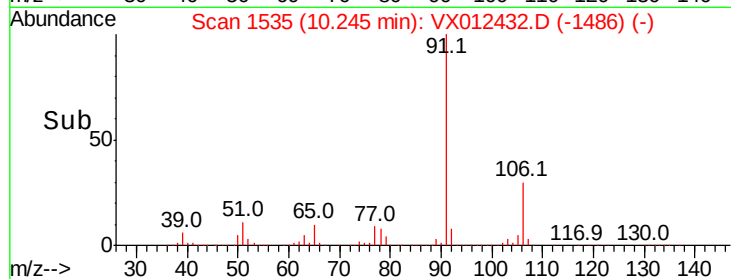
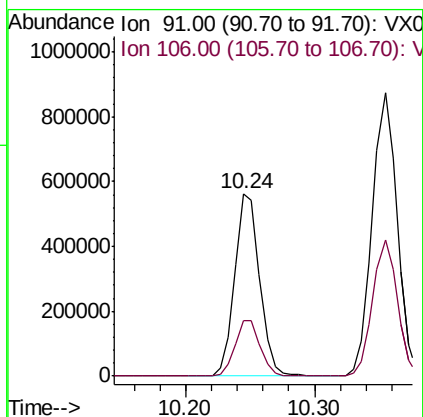
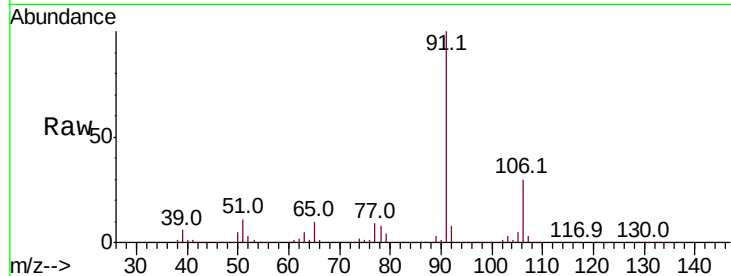




#67
Ethyl Benzene
Concen: 77.599 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012432.D
Acq: 17 Sep 2019 13:33

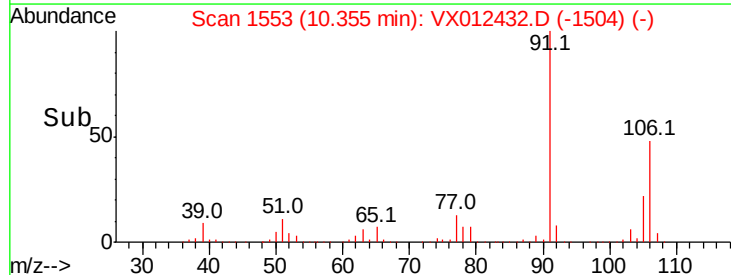
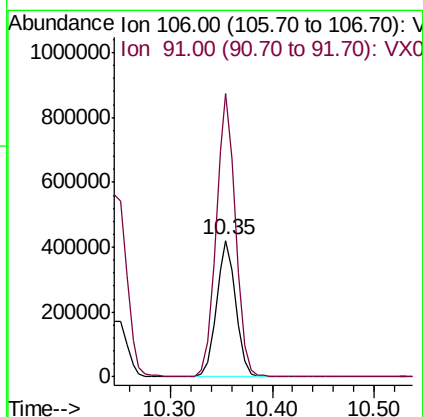
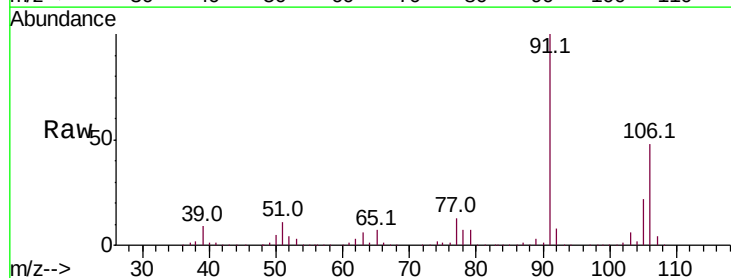
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

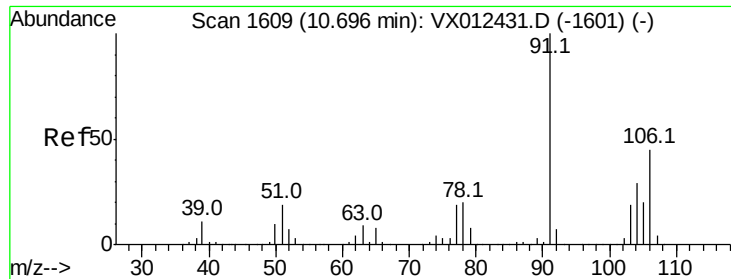
Tot Ion: 91 Resp: 762233
Ion Ratio Lower Upper
91 100
106 30.2 24.6 37.0



#68
m/p-Xylenes
Concen: 153.954 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012432.D
Acq: 17 Sep 2019 13:33

Tgt Ion: 106 Resp: 557145
Ion Ratio Lower Upper
106 100
91 208.8 166.6 250.0

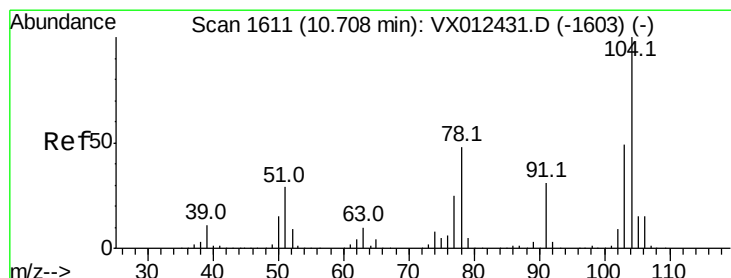
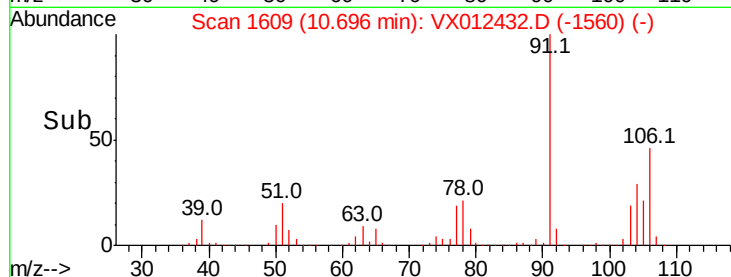
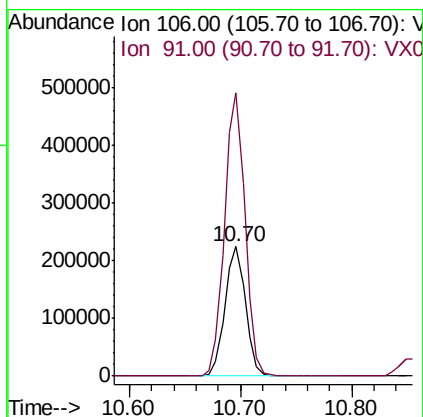
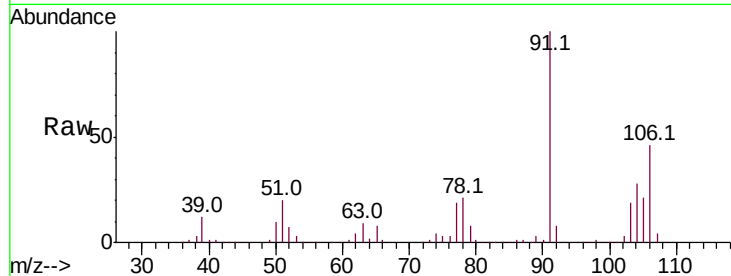




#69
o-Xylene
Concen: 75.962 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012432.D
Acq: 17 Sep 2019 13:33

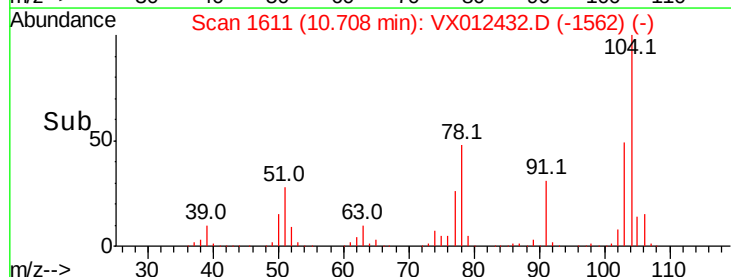
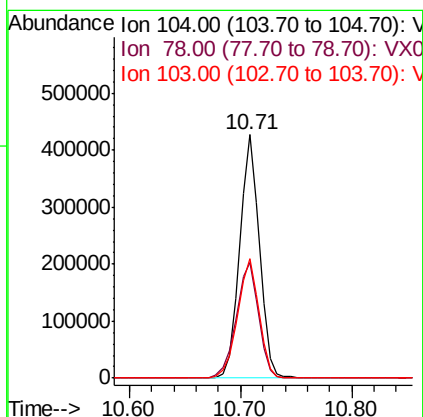
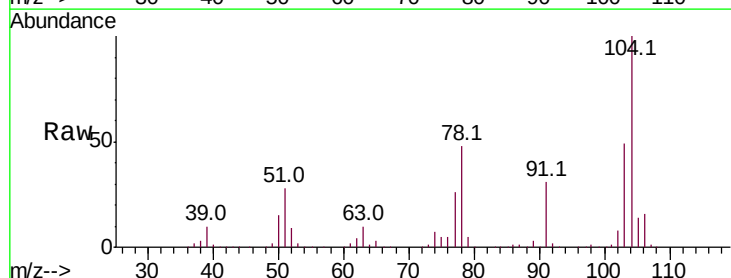
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

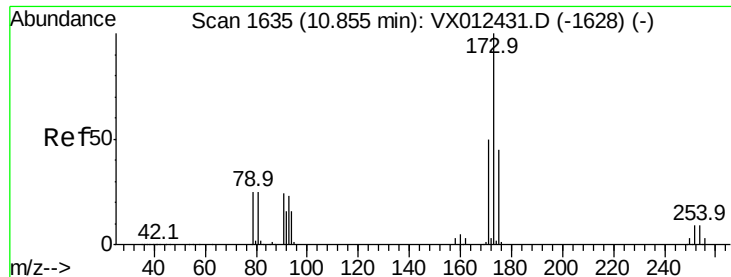
Tot Ion:106 Resp: 285239
Ion Ratio Lower Upper
106 100
91 218.9 109.4 328.2



#70
Styrene
Concen: 80.651 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012432.D
Acq: 17 Sep 2019 13:33

Tgt Ion:104 Resp: 524816
Ion Ratio Lower Upper
104 100
78 53.5 43.4 65.2
103 53.4 43.3 64.9





#71

Bromoform

Concen: 83.492 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

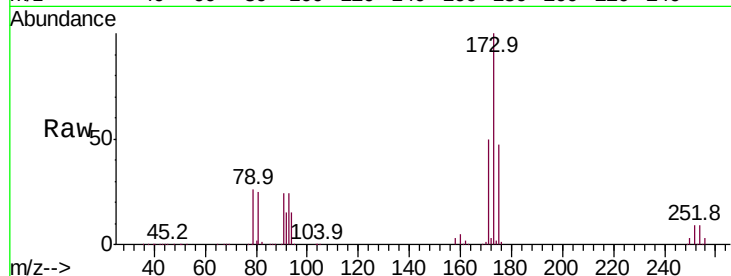
Tot Ion:173 Resp: 155816

Ion Ratio Lower Upper

173 100

175 47.8 23.7 71.1

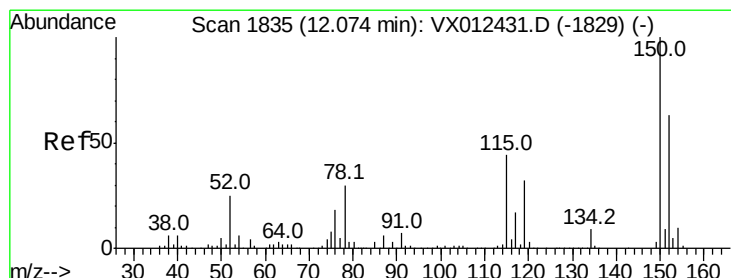
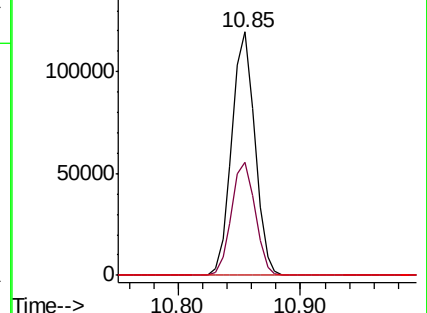
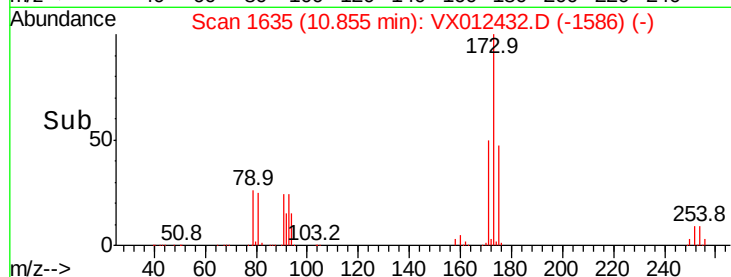
254 0.1 0.1 0.1



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: VX012432.D

Acq: 17 Sep 2019 13:33

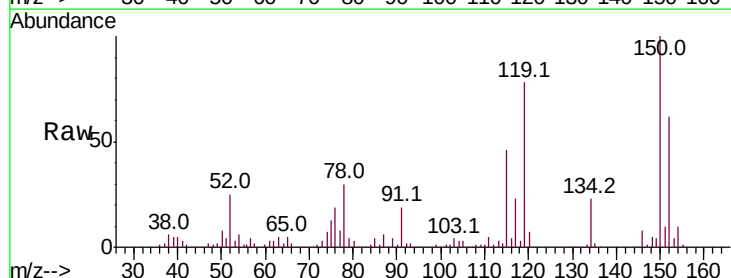
Tgt Ion:152 Resp: 129127

Ion Ratio Lower Upper

152 100

115 110.0 44.1 132.3

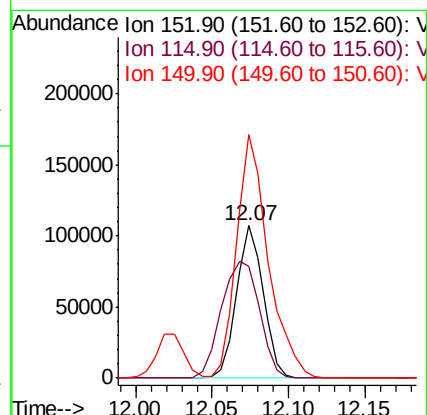
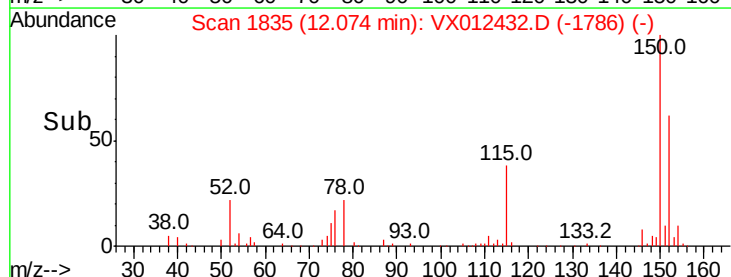
150 189.6 0.0 343.8

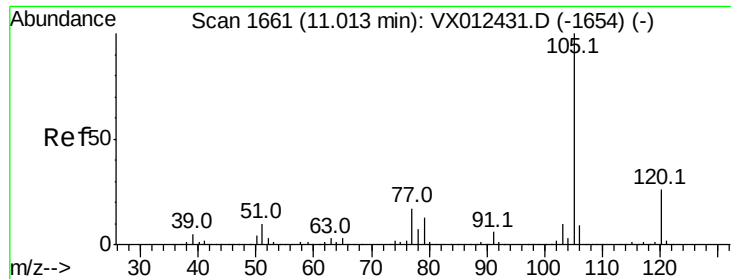


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 91.088 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

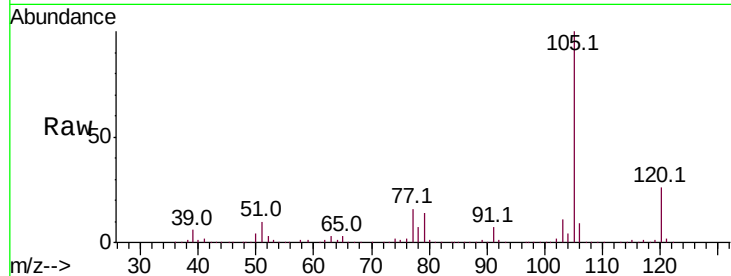
VSTDIC100

Tot Ion:105 Resp: 799440

Ion Ratio Lower Upper

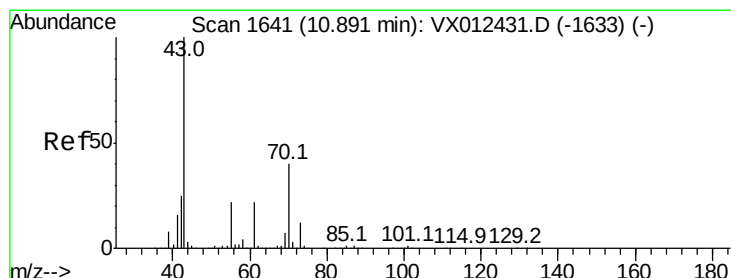
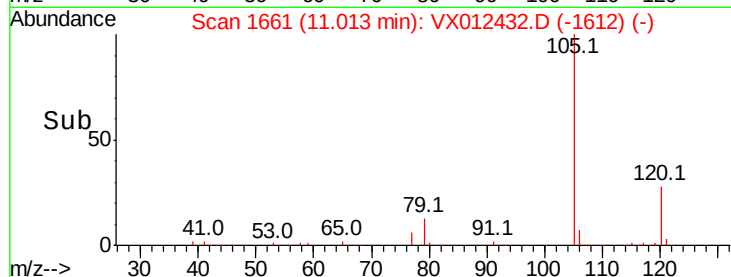
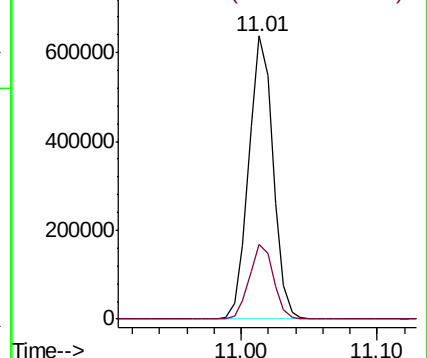
105 100

120 26.4 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: 98.747 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

Tgt Ion: 43 Resp: 461732

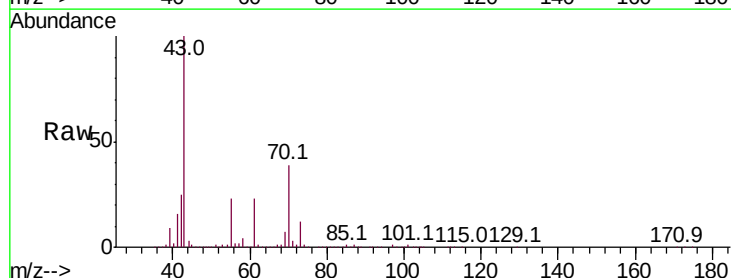
Ion Ratio Lower Upper

43 100

70 39.9 32.4 48.6

55 22.8 18.2 27.4

61 23.2 18.5 27.7

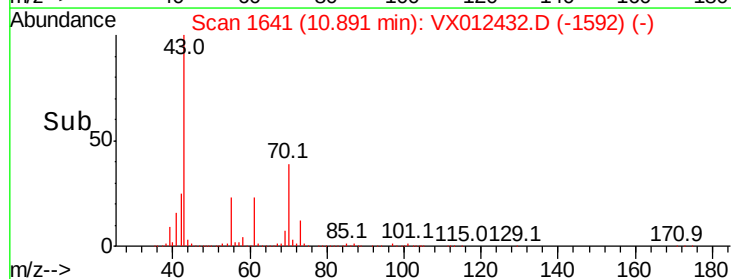
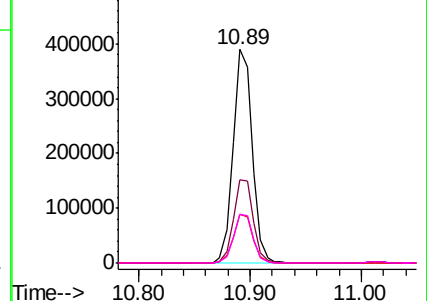


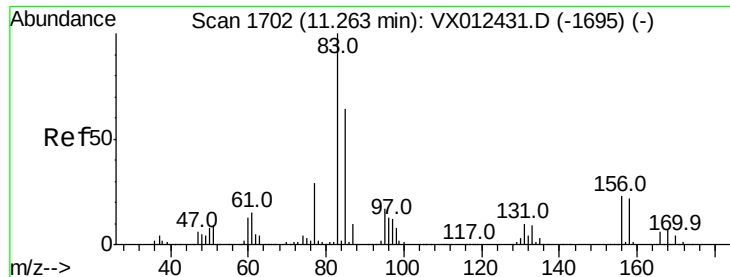
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 91.403 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

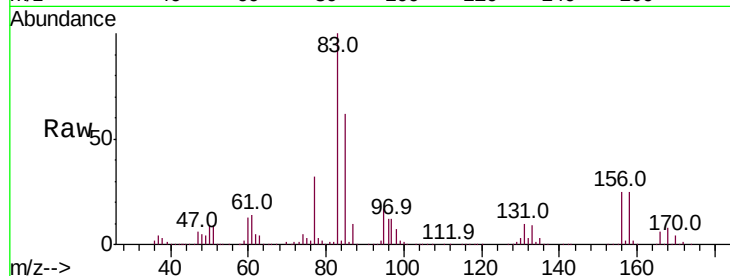
Tot Ion: 83 Resp: 321402

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

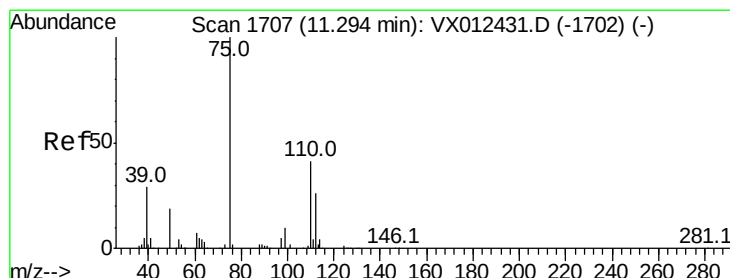
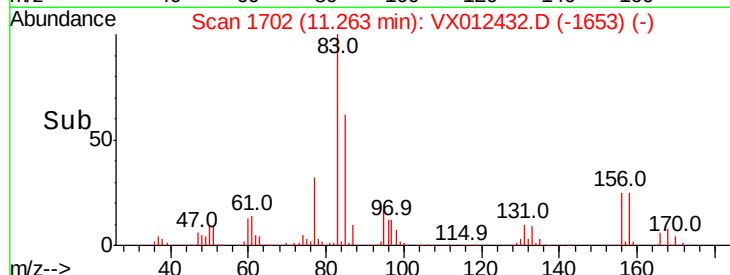
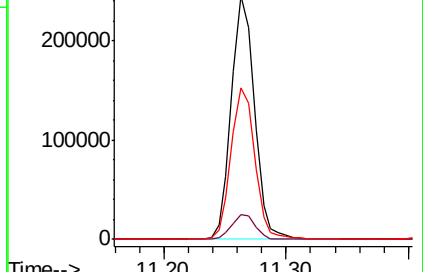
85 64.0 32.0 96.0



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: 116.414 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012432.D

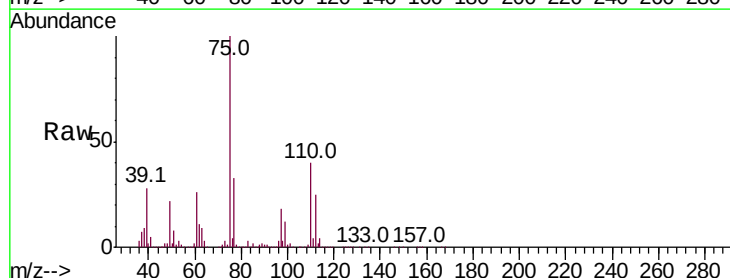
Acq: 17 Sep 2019 13:33

Tgt Ion: 75 Resp: 380094

Ion Ratio Lower Upper

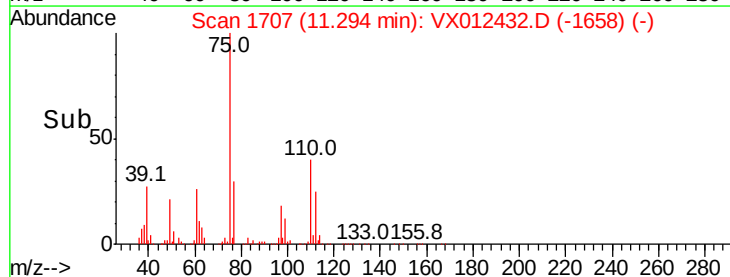
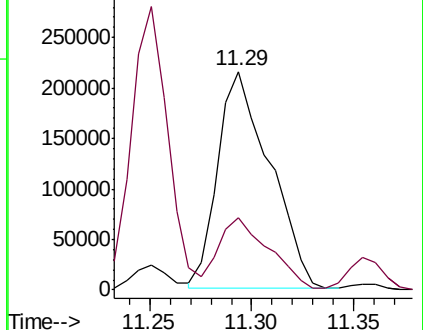
75 100

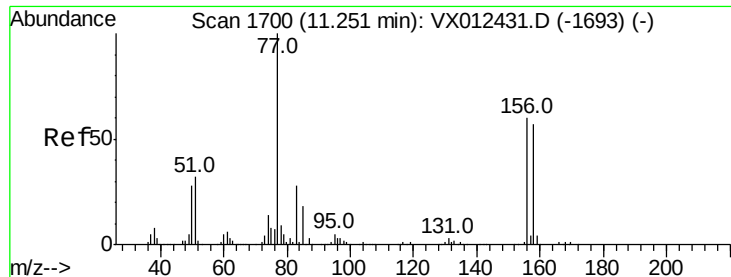
77 32.4 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 88.063 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

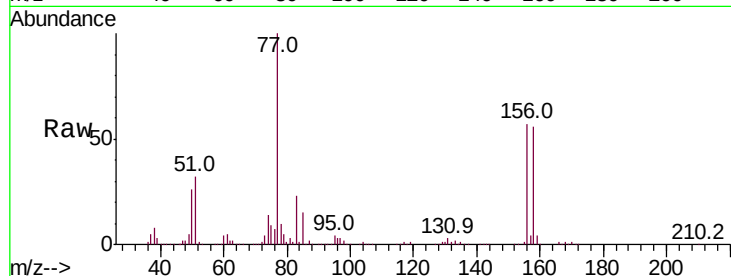
Tot Ion:156 Resp: 197619

Ion Ratio Lower Upper

156 100

77 177.8 87.3 261.8

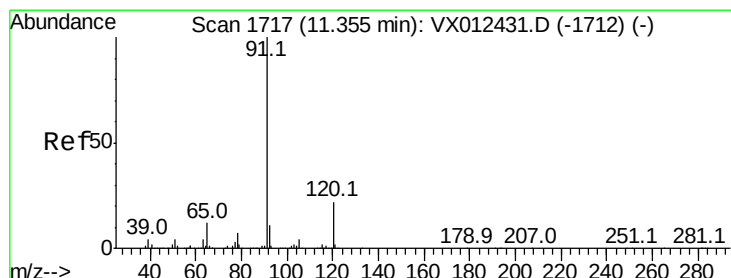
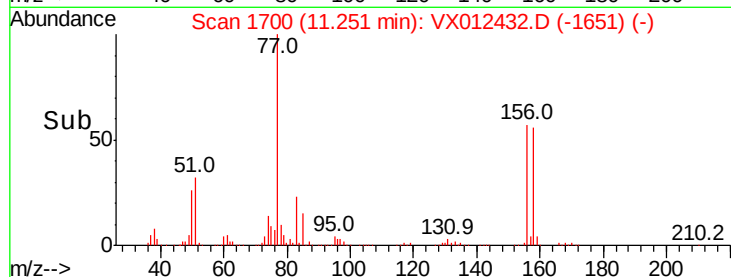
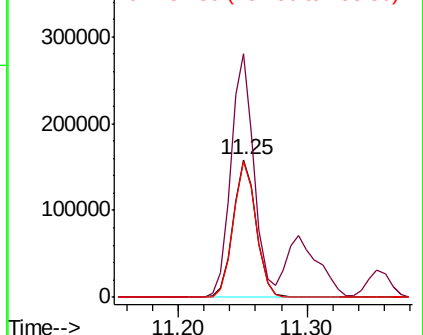
158 98.7 48.5 145.6



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: 93.036 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012432.D

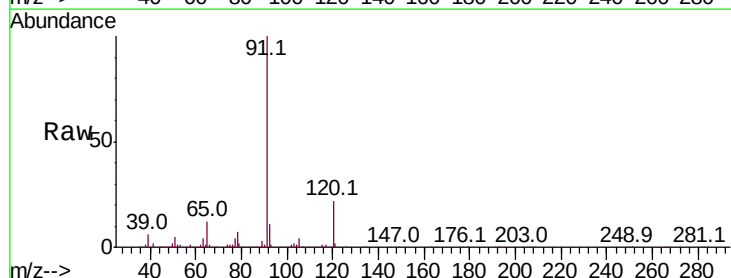
Acq: 17 Sep 2019 13:33

Tgt Ion: 91 Resp: 922103

Ion Ratio Lower Upper

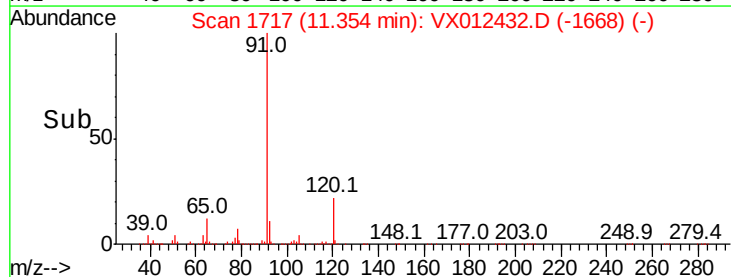
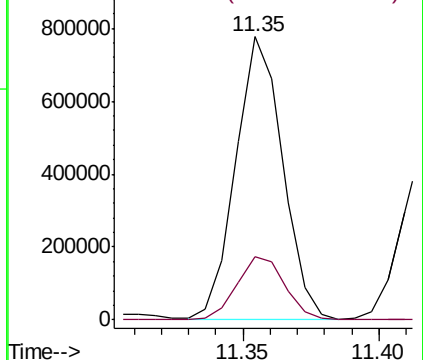
91 100

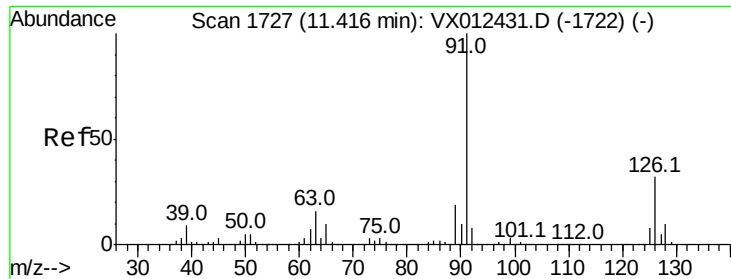
120 23.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

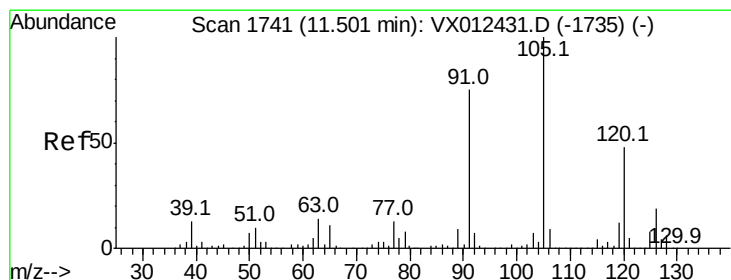
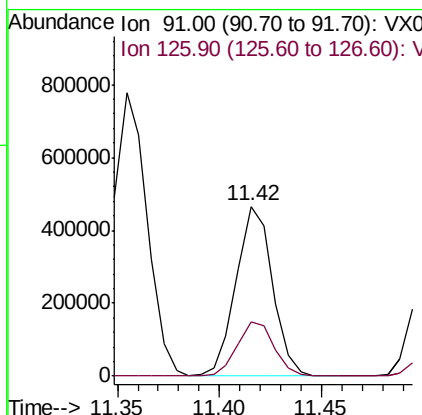
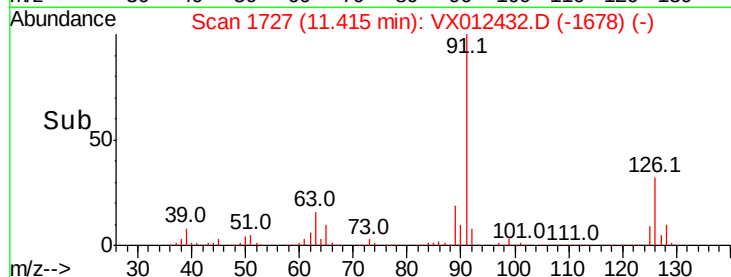
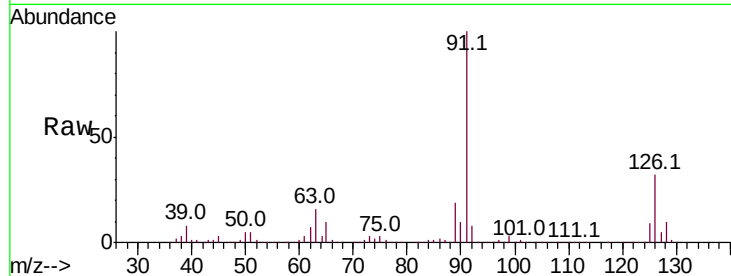




#79
 2-Chlorotoluene
 Concen: 90.575 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012432.D
 Acq: 17 Sep 2019 13:33

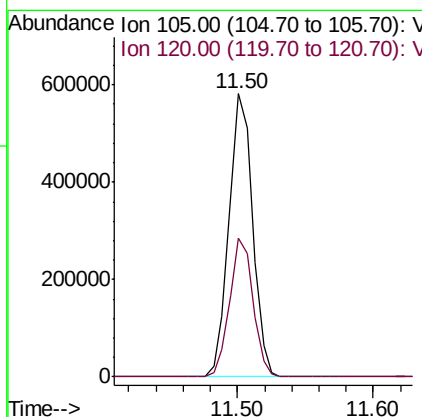
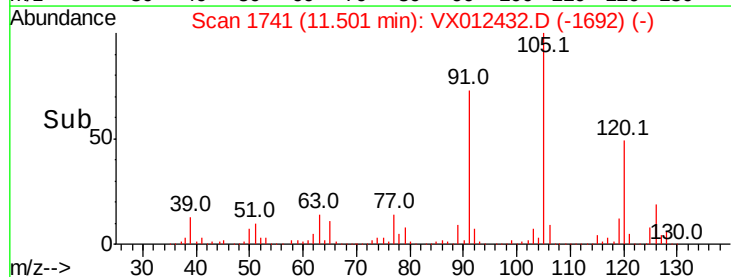
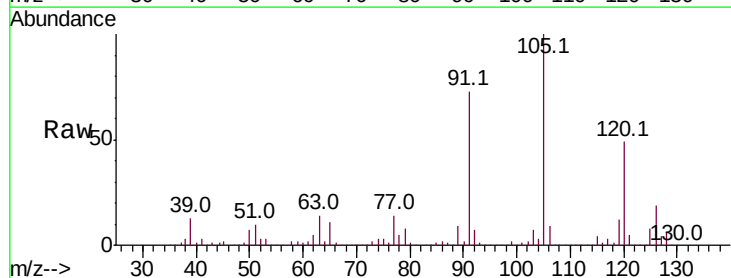
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

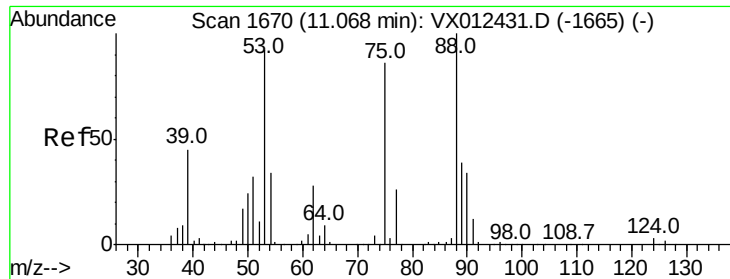
Tot Ion: 91 Resp: 575290
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 92.375 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012432.D
 Acq: 17 Sep 2019 13:33

Tgt Ion: 105 Resp: 703973
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 96.395 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

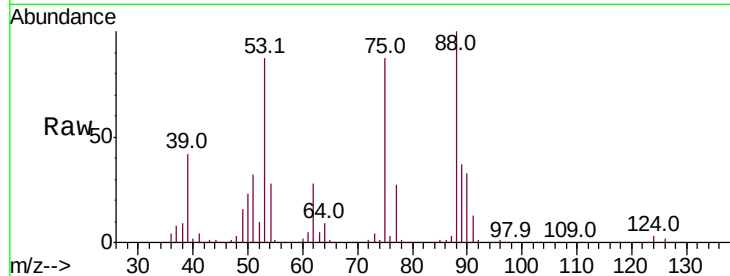
Tot Ion: 75 Resp: 111410

Ion Ratio Lower Upper

75 100

53 103.0 83.6 125.4

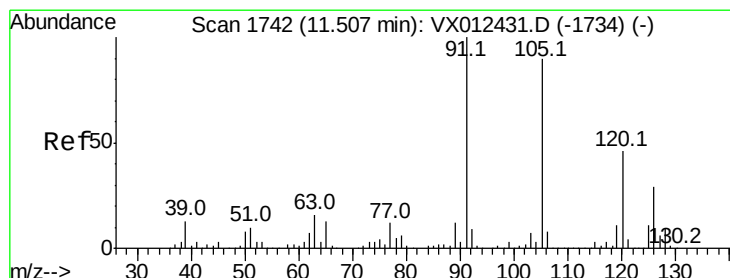
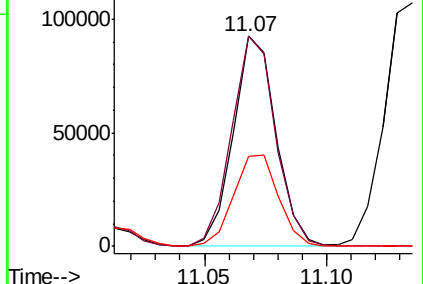
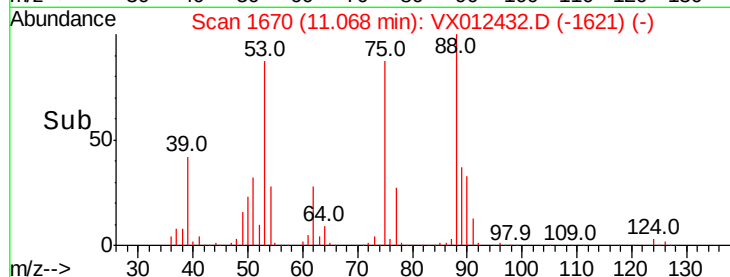
89 46.4 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 92.242 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012432.D

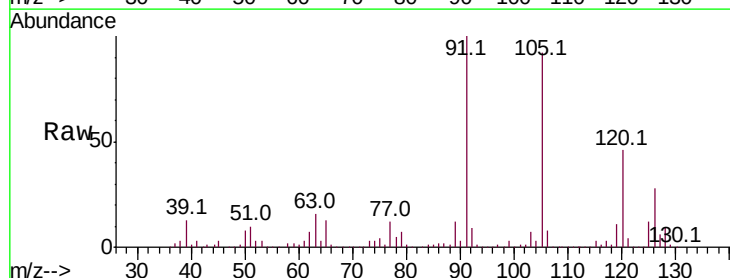
Acq: 17 Sep 2019 13:33

Tgt Ion: 91 Resp: 682216

Ion Ratio Lower Upper

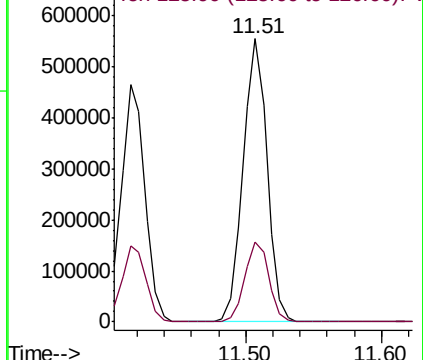
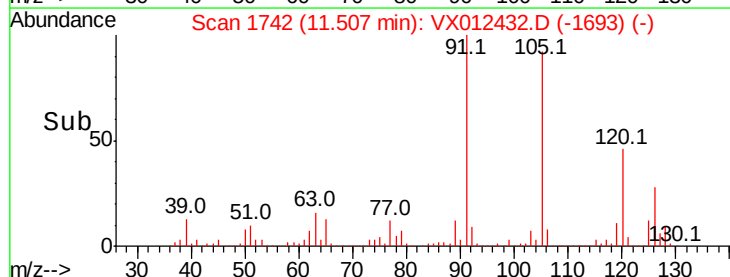
91 100

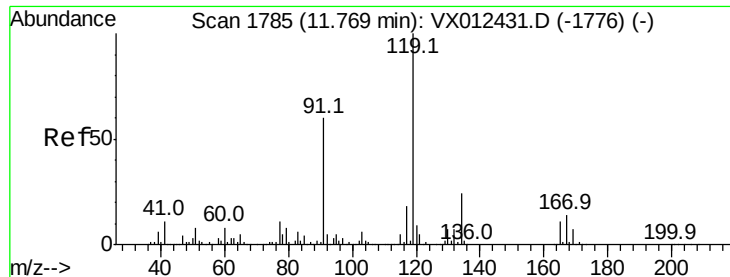
126 28.6 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

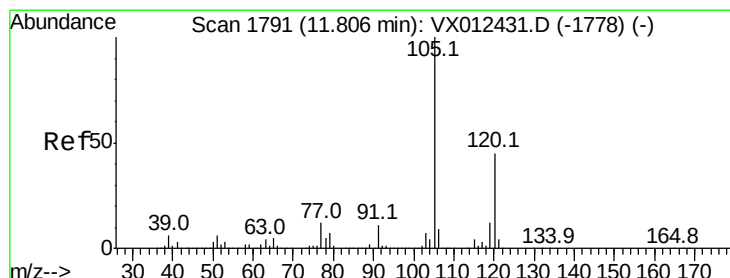
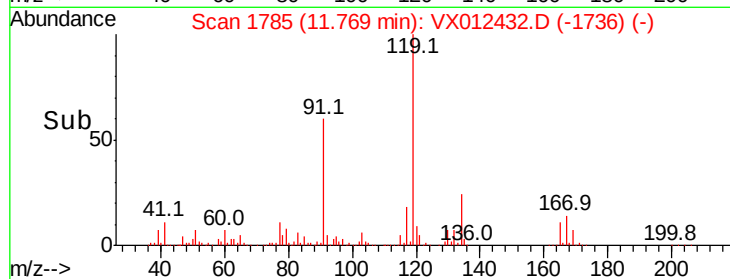
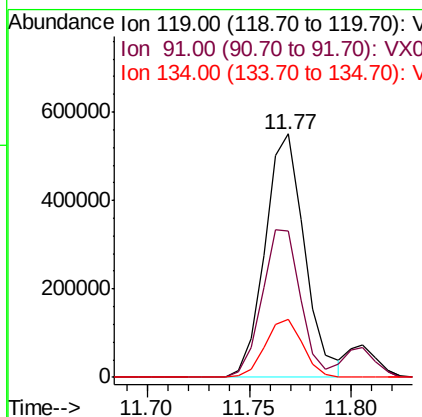
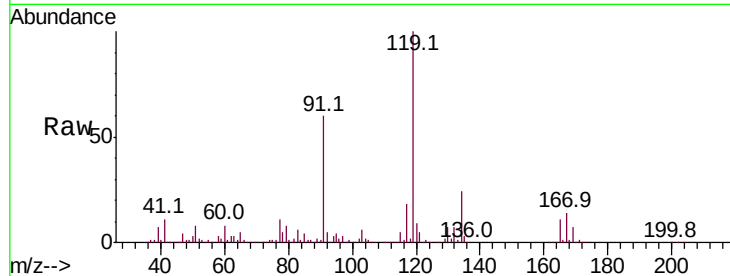




#83
 tert-Butylbenzene
 Concen: 92.034 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012432.D
 Acq: 17 Sep 2019 13:33

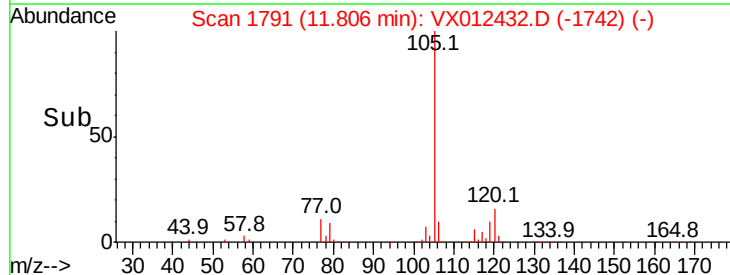
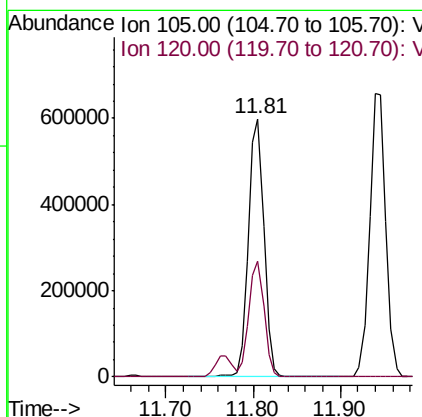
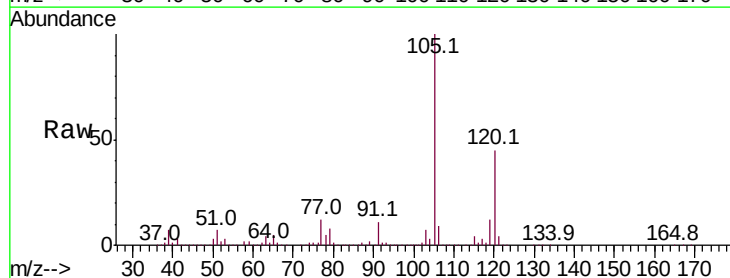
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

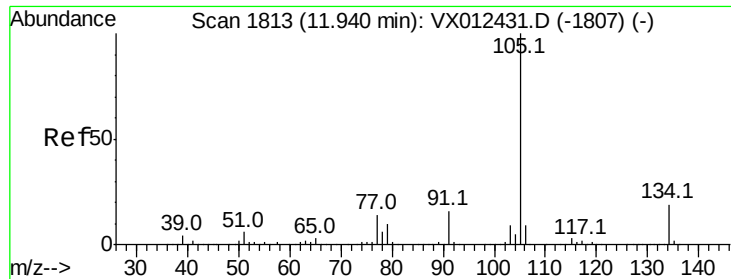
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.1	30.0	90.0
134	22.8	11.3	33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 94.630 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012432.D
 Acq: 17 Sep 2019 13:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.2	66.6





#85

sec-Butylbenzene

Concen: 94.775 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

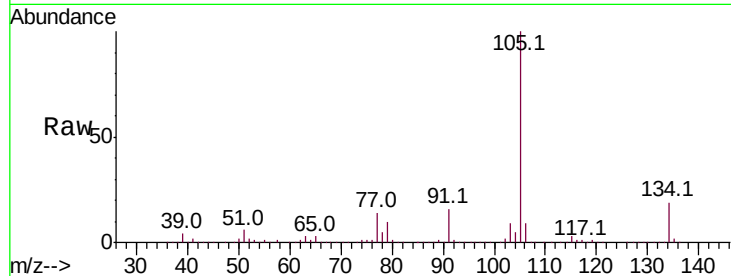
VSTDIC100

Tot Ion:105 Resp: 848250

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

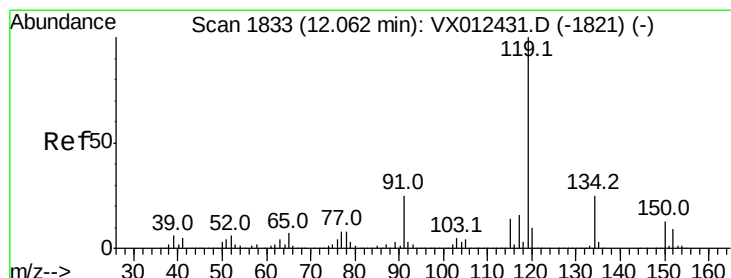
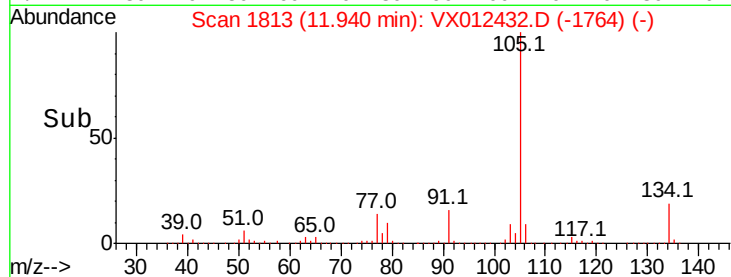
600000

400000

200000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 95.351 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

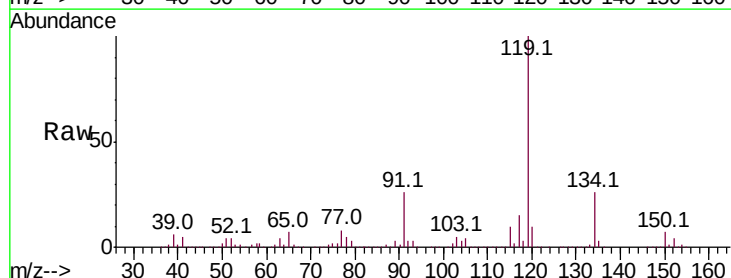
Tgt Ion:119 Resp: 780621

Ion Ratio Lower Upper

119 100

134 25.9 12.7 38.1

91 26.3 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

12.06

800000

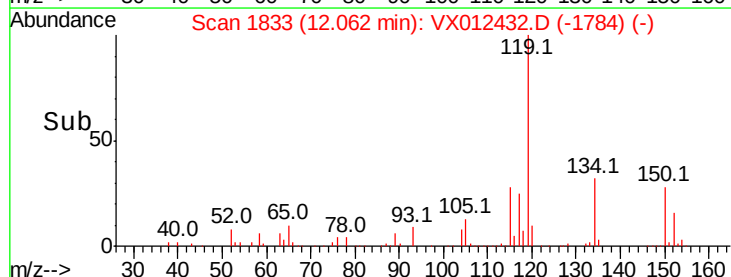
600000

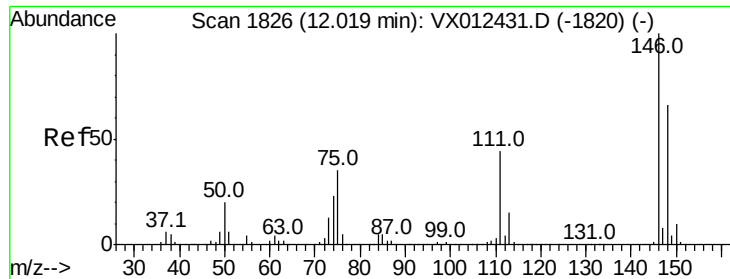
400000

200000

0

Time--> 12.00 12.10

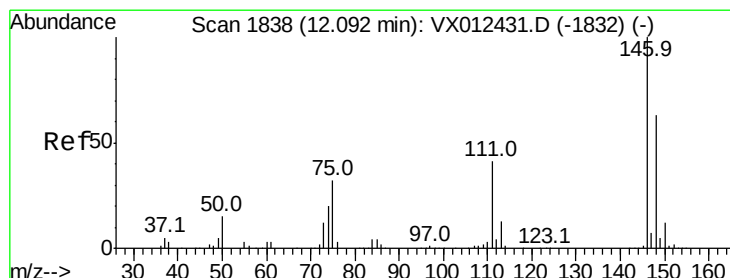
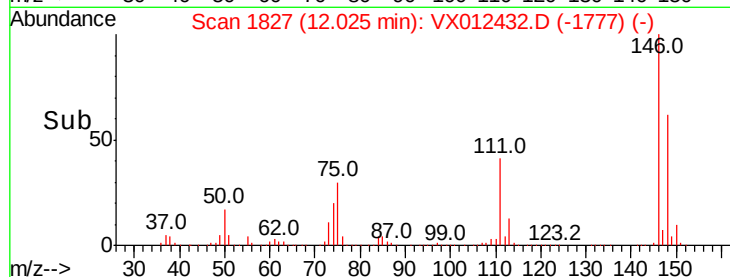
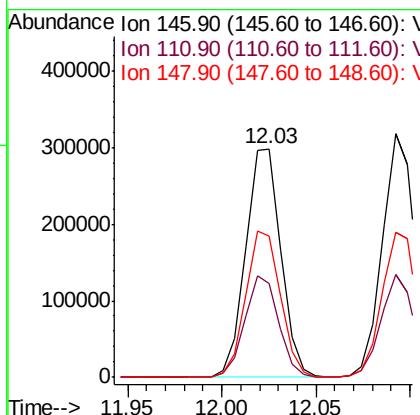
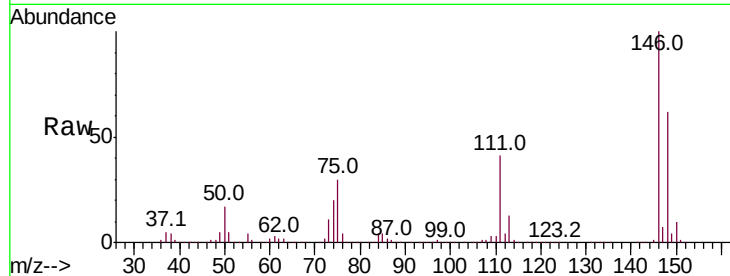




#87
 1,3-Dichlorobenzene
 Concen: 91.620 ug/l
 RT: 12.03 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: VX012432.D
 Acq: 17 Sep 2019 13:33

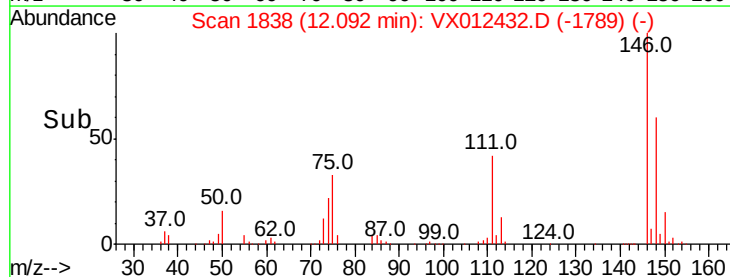
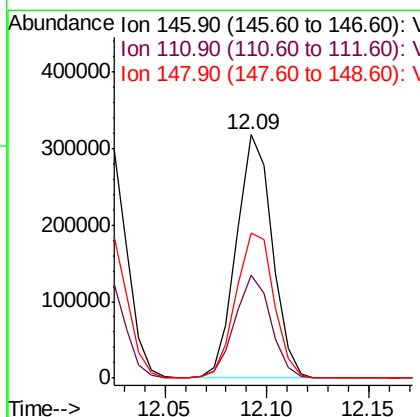
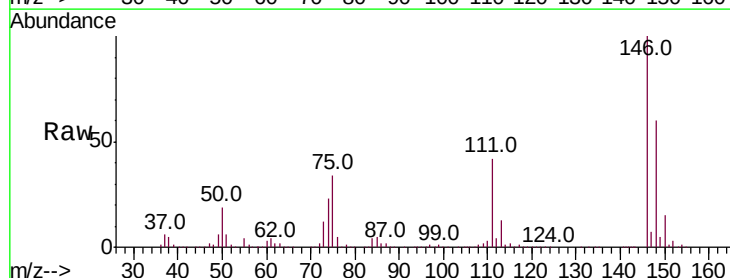
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

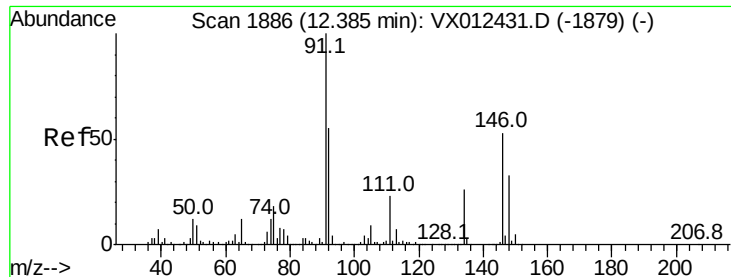
Tot Ion:146 Resp: 386169
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.3 64.0
 148 63.4 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 91.171 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012432.D
 Acq: 17 Sep 2019 13:33

Tgt Ion:146 Resp: 387983
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.1 63.3
 148 63.5 32.1 96.5





#89

n-Butylbenzene

Concen: 98.619 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

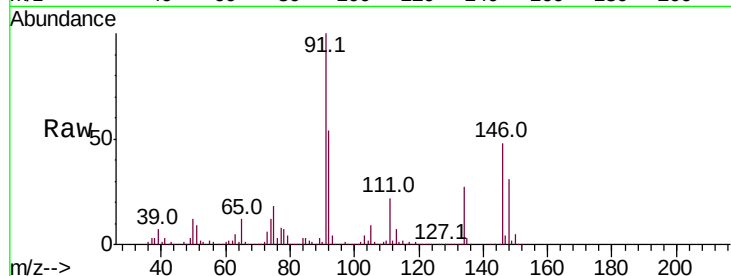
Tot Ion: 91 Resp: 713055

Ion Ratio Lower Upper

91 100

92 54.7 27.7 83.0

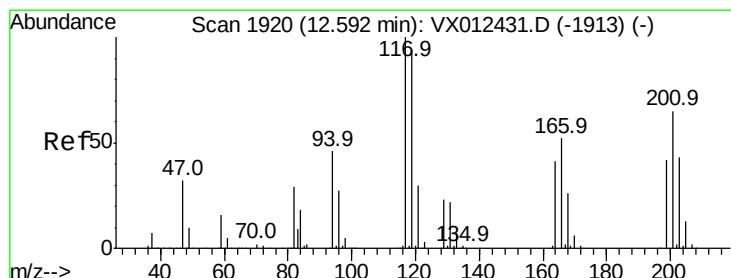
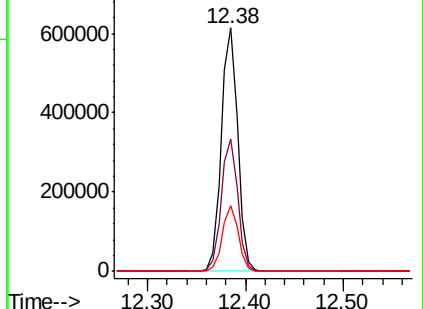
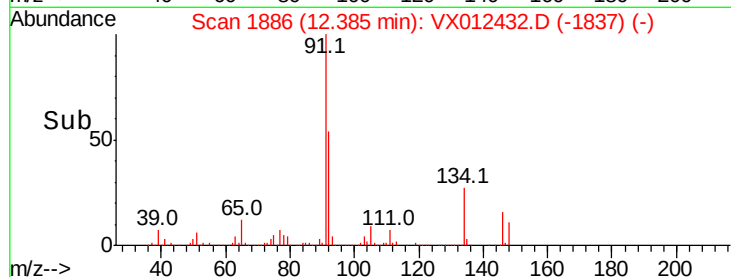
134 26.3 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX012431.D (-1879) (-)

Ion 92.00 (91.70 to 92.70): VX012431.D (-1879) (-)

Ion 134.00 (133.70 to 134.70): VX012431.D (-1879) (-)



#90

Hexachloroethane

Concen: 95.516 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012432.D

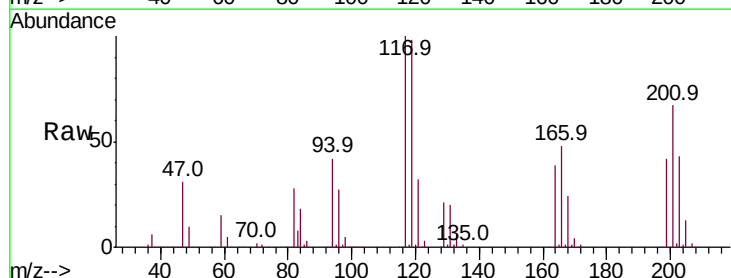
Acq: 17 Sep 2019 13:33

Tgt Ion: 117 Resp: 150908

Ion Ratio Lower Upper

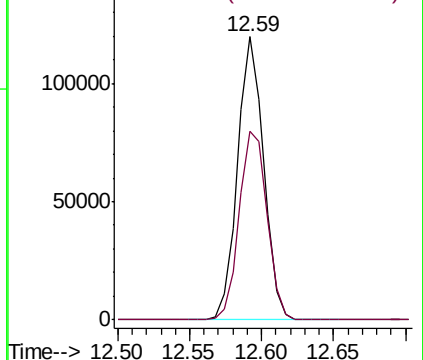
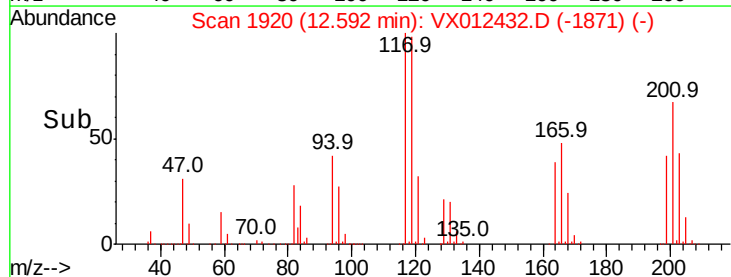
117 100

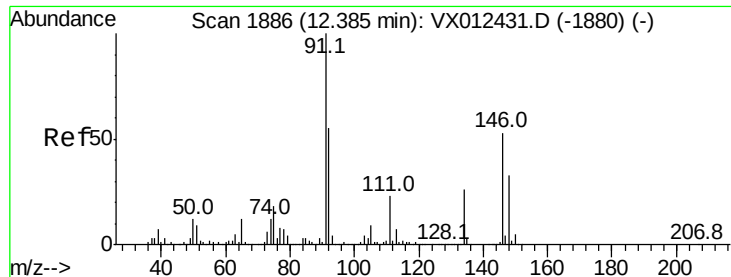
201 70.8 33.3 99.8



Abundance Ion 116.80 (116.50 to 117.50): VX012431.D (-1913) (-)

Ion 200.70 (200.40 to 201.40): VX012431.D (-1913) (-)





#91

1,2-Dichlorobenzene

Concen: 90.223 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

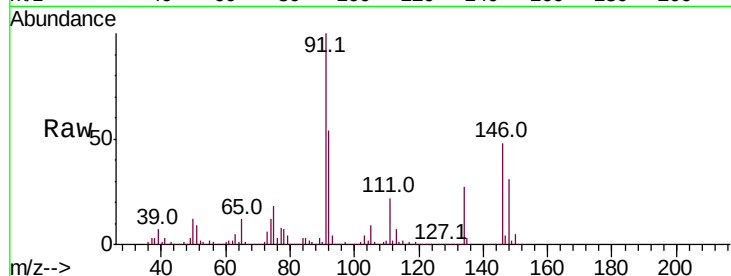
Tot Ion:146 Resp: 389742

Ion Ratio Lower Upper

146 100

111 44.9 22.1 66.1

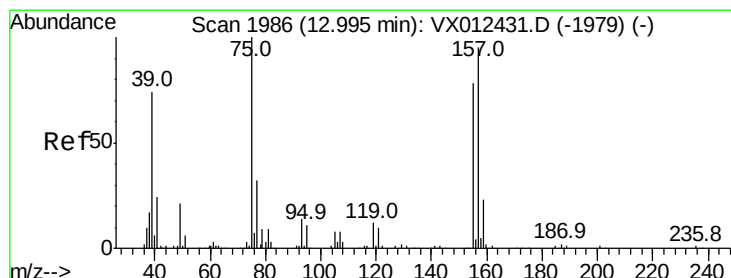
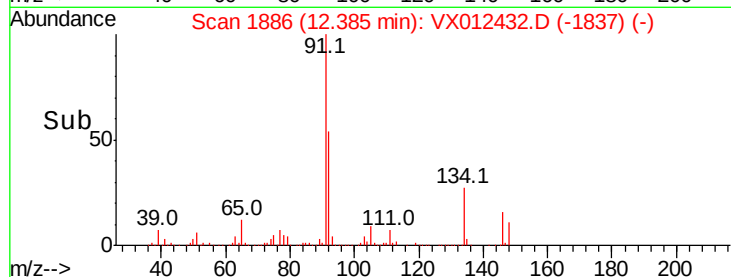
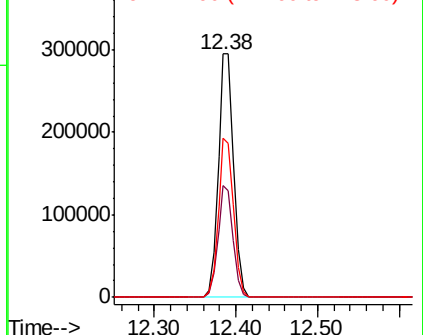
148 64.6 31.3 93.9



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 92.110 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

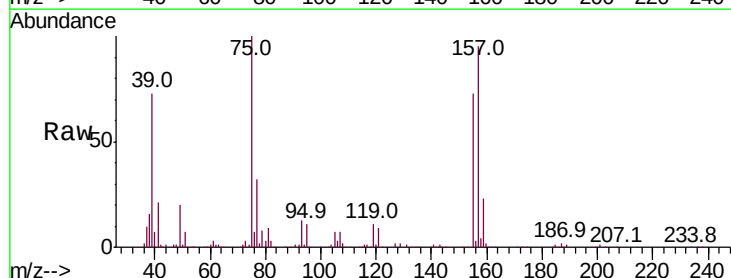
Tgt Ion: 75 Resp: 85719

Ion Ratio Lower Upper

75 100

155 76.1 38.6 115.8

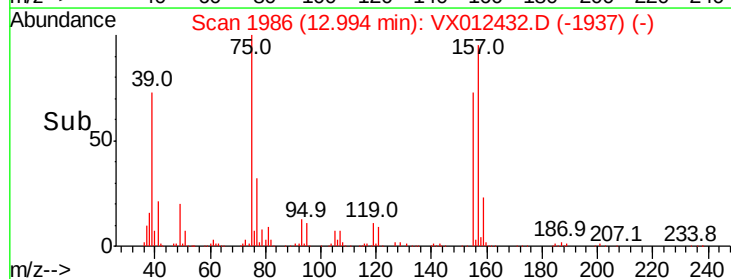
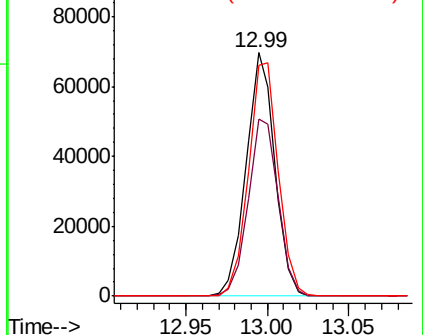
157 99.7 50.6 151.9

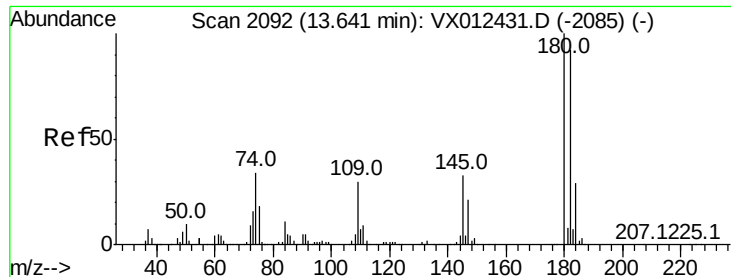


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 93.343 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

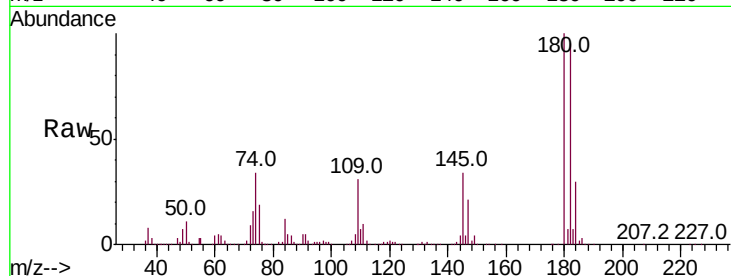
Tot Ion:180 Resp: 269004

Ion Ratio Lower Upper

180 100

182 94.7 47.0 141.0

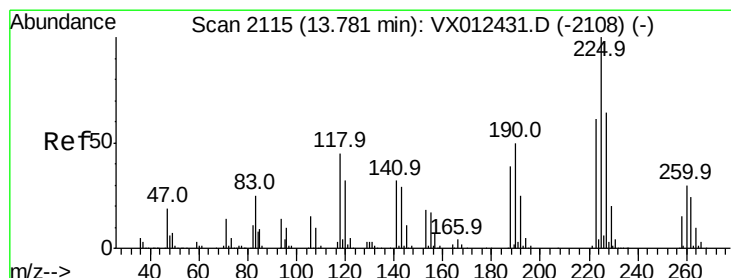
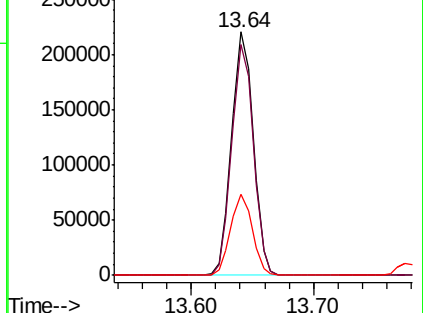
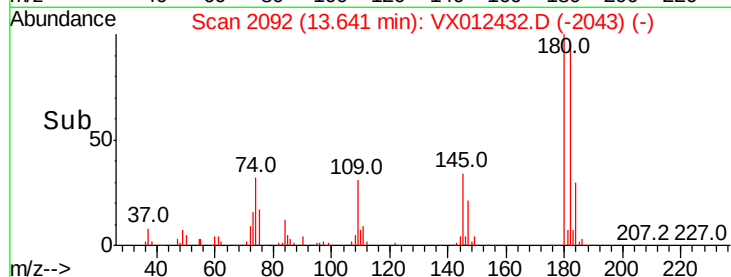
145 33.2 16.8 50.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 88.420 ug/l

RT: 13.78 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VX012432.D

Acq: 17 Sep 2019 13:33

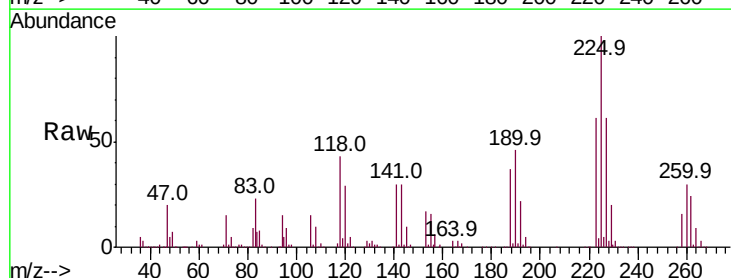
Tgt Ion:225 Resp: 121829

Ion Ratio Lower Upper

225 100

223 62.3 32.0 96.2

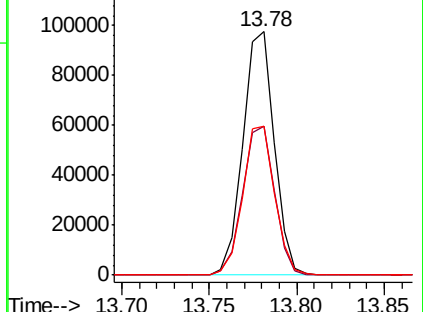
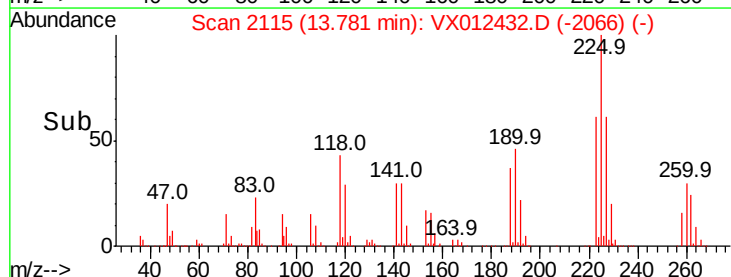
227 62.0 31.9 95.5

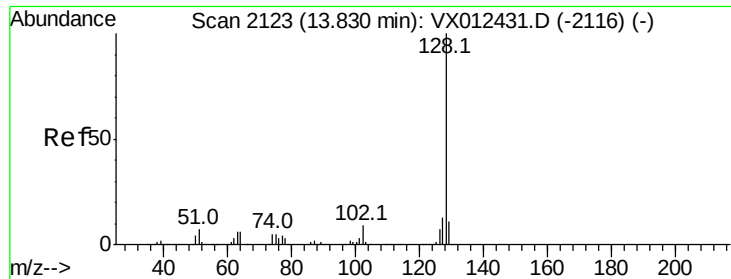


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

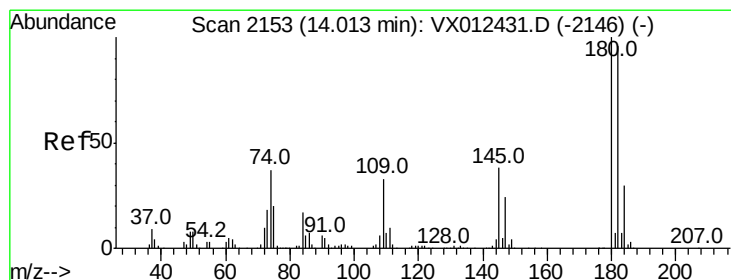
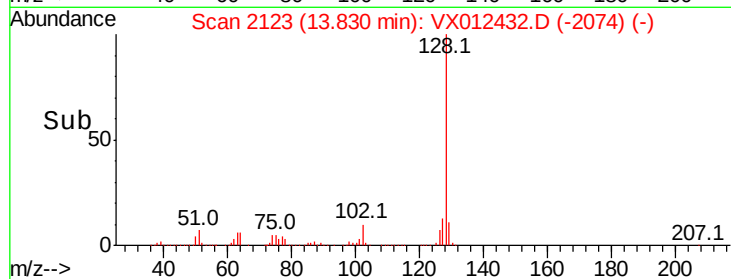
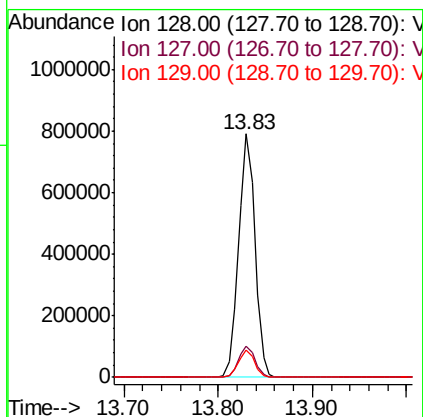
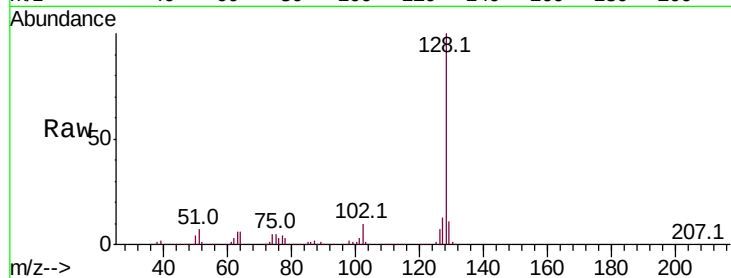




#95
Naphthalene
Concen: 96.762 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012432.D
Acq: 17 Sep 2019 13:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:128 Resp: 952413
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 92.627 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX012432.D
Acq: 17 Sep 2019 13:33

Tgt Ion:180 Resp: 265686
Ion Ratio Lower Upper
180 100
182 95.6 47.1 141.3
145 36.0 18.0 54.0

