

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100719\
 Data File : VX012832.D
 Acq On : 07 Oct 2019 12:53
 Operator : JC/SP
 Sample : VX1007WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 08 11:10:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	178137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	298731	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	265922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	125055	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	116203	44.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.60%	
35) Dibromofluoromethane	5.48	113	92147	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
50) Toluene-d8	8.71	98	343882	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
62) 4-Bromofluorobenzene	11.13	95	131541	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	31466	15.702	ug/l	97
3) Chloromethane	1.32	50	35914	15.607	ug/l	96
4) Vinyl Chloride	1.40	62	36526	15.969	ug/l	95
5) Bromomethane	1.63	94	16887	18.778	ug/l	99
6) Chloroethane	1.71	64	25740	16.693	ug/l	97
7) Trichlorofluoromethane	1.92	101	53774	16.745	ug/l	95
8) Diethyl Ether	2.17	74	22890	17.393	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	36577	18.700	ug/l	96
10) Methyl Iodide	2.50	142	28004	17.197	ug/l	93
11) Tert butyl alcohol	3.03	59	56802	87.657	ug/l	97
12) 1,1-Dichloroethene	2.36	96	34973	18.260	ug/l	96
13) Acrolein	2.28	56	24160	74.423	ug/l	98
14) Allyl chloride	2.72	41	64547	16.986	ug/l	97
15) Acrylonitrile	3.13	53	116240	88.418	ug/l	98
16) Acetone	2.43	43	112099	81.586	ug/l	95
17) Carbon Disulfide	2.56	76	86751	16.156	ug/l	99
18) Methyl Acetate	2.76	43	57899	17.896	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	130821	18.045	ug/l	99
20) Methylene Chloride	2.84	84	42079	18.107	ug/l	89
21) trans-1,2-Dichloroethene	3.15	96	38048	17.931	ug/l	98
22) Diisopropyl ether	3.84	45	131246	17.875	ug/l	93
23) Vinyl Acetate	3.80	43	556986	86.502	ug/l	98
24) 1,1-Dichloroethane	3.69	63	71893	18.013	ug/l	98
25) 2-Butanone	4.65	43	163696	83.090	ug/l	98
26) 2,2-Dichloropropane	4.57	77	61172	17.233	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	44739	18.171	ug/l	93
28) Bromochloromethane	5.00	49	24720	17.058	ug/l	93
29) Tetrahydrofuran	5.12	42	100851	83.987	ug/l	95
30) Chloroform	5.20	83	72911	17.856	ug/l	100
31) Cyclohexane	5.57	56	62212	17.230	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	63215	17.468	ug/l	99
36) 1,1-Dichloropropene	5.79	75	53524	18.588	ug/l	98
37) Ethyl Acetate	4.82	43	60148	17.867	ug/l	96
38) Carbon Tetrachloride	5.77	117	52415	17.920	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	64707	18.667	ug/l	99
40) Benzene	6.13	78	160679	18.966	ug/l	98
41) Methacrylonitrile	5.02	41	34133	18.072	ug/l	95
42) 1,2-Dichloroethane	6.18	62	59292	18.430	ug/l	98
43) Isopropyl Acetate	6.43	43	99515	17.677	ug/l	96
44) Trichloroethene	7.20	130	42826	19.773	ug/l	97
45) 1,2-Dichloropropane	7.50	63	41470	19.119	ug/l	97
46) Dibromomethane	7.65	93	27771	18.805	ug/l	99
47) Bromodichloromethane	7.89	83	55084	18.662	ug/l	97
48) Methyl methacrylate	7.76	41	47951	17.764	ug/l	92
49) 1,4-Dioxane	7.73	88	22378	365.494	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	309221	88.983	ug/l	95
52) Toluene	8.78	92	101688	19.097	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	60800	18.618	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	67462	18.920	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	42011	19.845	ug/l	98
56) Ethyl methacrylate	9.17	69	67451	18.965	ug/l	91
57) 1,3-Dichloropropane	9.37	76	71706	19.353	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	148969	93.313	ug/l	99
59) 2-Hexanone	9.48	43	235636	88.586	ug/l	93
60) Dibromochloromethane	9.57	129	43403	20.253	ug/l	97
61) 1,2-Dibromoethane	9.67	107	43160	19.590	ug/l	97
64) Tetrachloroethene	9.33	164	40266	21.718	ug/l	89
65) Chlorobenzene	10.14	112	109074	19.478	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	40748	20.084	ug/l	100
67) Ethyl Benzene	10.25	91	197266	19.423	ug/l	99
68) m/p-Xylenes	10.36	106	147137	38.673	ug/l	98
69) o-Xylene	10.70	106	72054	19.572	ug/l	99
70) Styrene	10.71	104	122928	19.918	ug/l	98
71) Bromoform	10.85	173	27647	19.570	ug/l #	100
73) Isopropylbenzene	11.01	105	195225	19.167	ug/l	100
74) N-amyl acetate	10.89	43	82426	16.963	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	60438	17.917	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	70181	21.215	ug/l	87
77) Bromobenzene	11.25	156	42785	18.560	ug/l	97
78) n-propylbenzene	11.35	91	207336	18.081	ug/l	99
79) 2-Chlorotoluene	11.42	91	129706	18.132	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	161040	18.854	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	19178	16.614	ug/l	95
82) 4-Chlorotoluene	11.51	91	150973	18.514	ug/l	100
83) tert-Butylbenzene	11.76	119	153413	18.620	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	160332	18.608	ug/l	98
85) sec-Butylbenzene	11.94	105	183163	19.113	ug/l	100
86) p-Isopropyltoluene	12.06	119	170479	19.716	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	81013	19.528	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	81379	19.413	ug/l	99
89) n-Butylbenzene	12.39	91	142289	18.674	ug/l	99
90) Hexachloroethane	12.59	117	28000	18.163	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	81379	19.594	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	14434	17.106	ug/l	97

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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

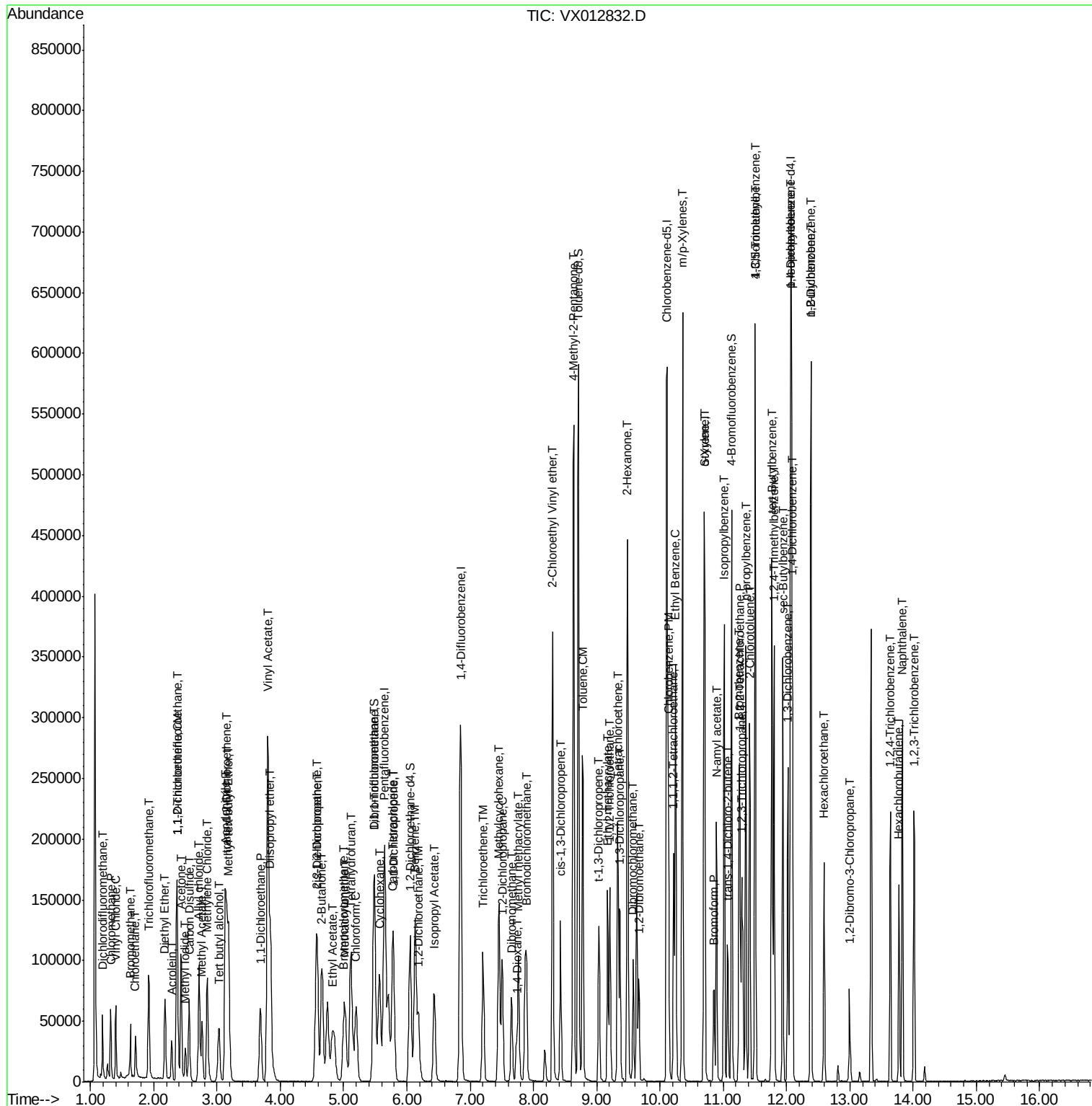
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	49314	19.470	ug/l	99
94) Hexachlorobutadiene	13.78	225	22762	20.889	ug/l	97
95) Naphthalene	13.83	128	175198	19.118	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	51232	20.192	ug/l	99

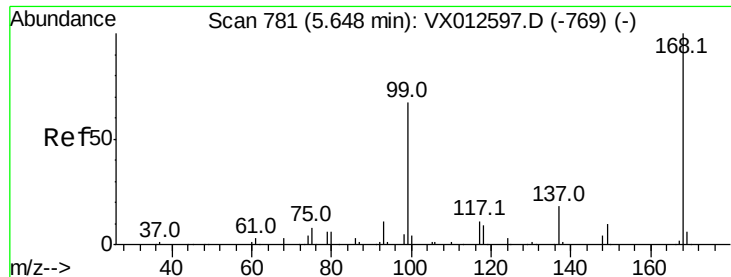
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On    : 07 Oct 2019 12:53
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Sample    : VX1007WBS01
Misc      : 5.0mL/MSVOA X/WATER
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 08 11:10:35 2019
Quant Method : Z:\VQASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

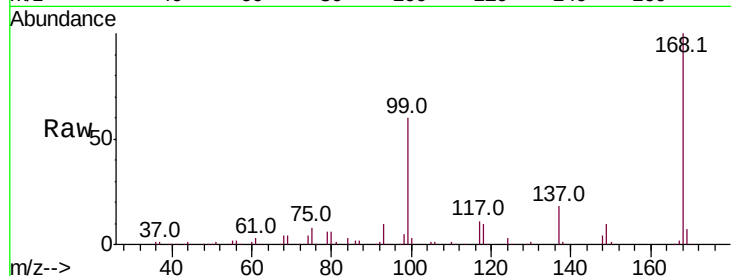
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 178137

Ion Ratio Lower Upper

168 100

99 60.3 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

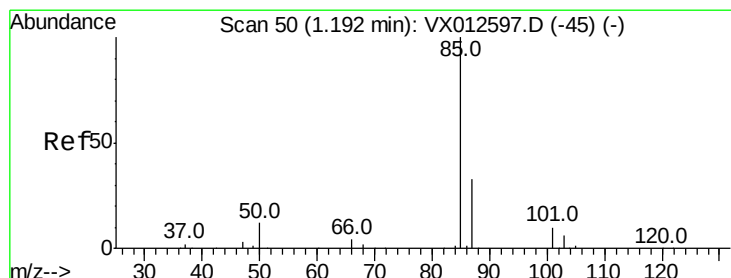
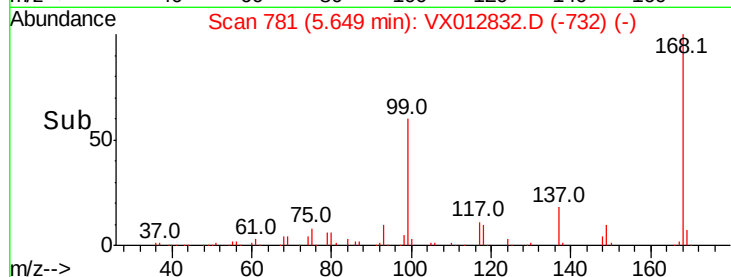
60000

40000

20000

0

Time--> 5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 15.702 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012832.D

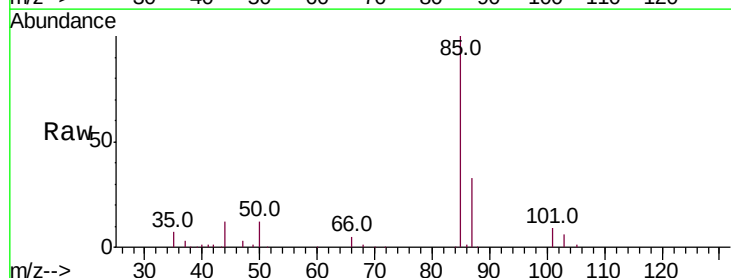
Acq: 07 Oct 2019 12:53

Tgt Ion: 85 Resp: 31466

Ion Ratio Lower Upper

85 100

87 32.6 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

30000

25000

20000

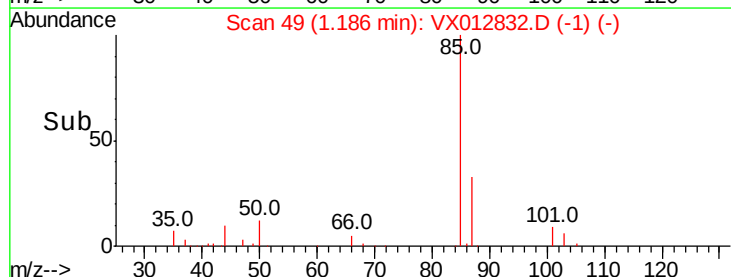
15000

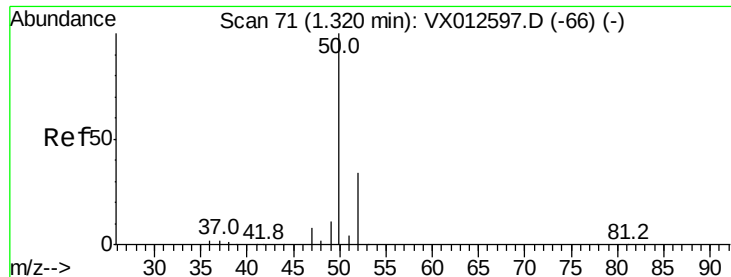
10000

5000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 15.607 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

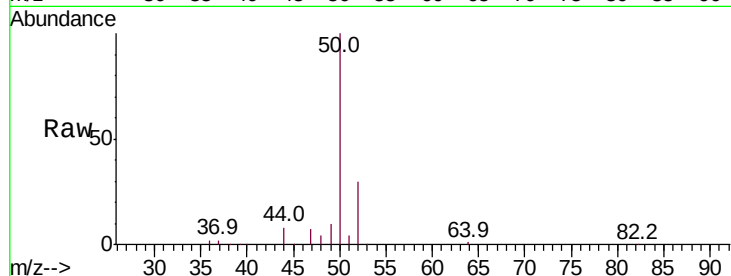
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 35914

Ion Ratio Lower Upper

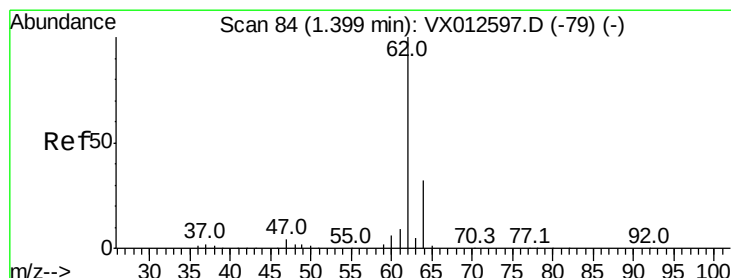
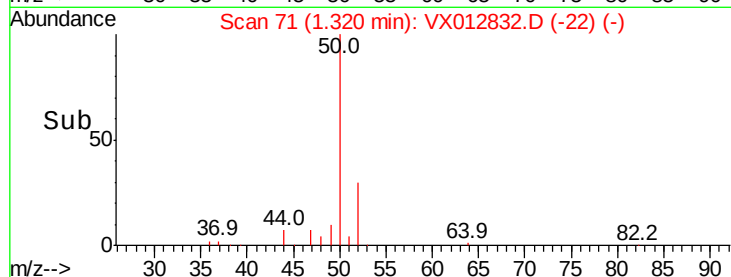
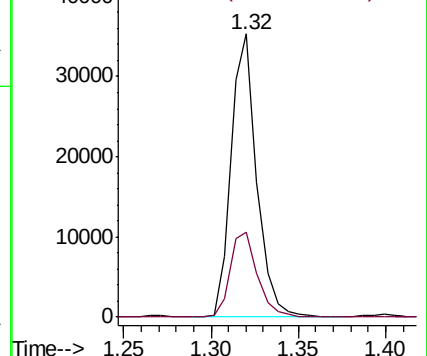
50 100

52 29.8 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 15.969 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012832.D

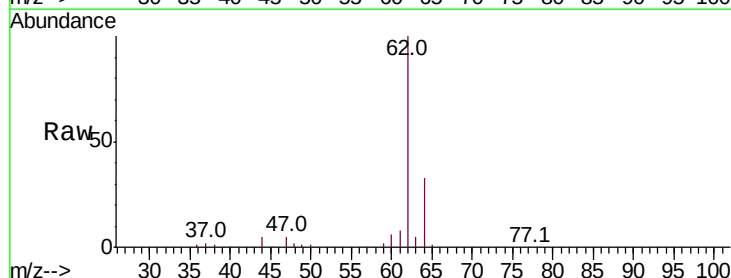
Acq: 07 Oct 2019 12:53

Tgt Ion: 62 Resp: 36526

Ion Ratio Lower Upper

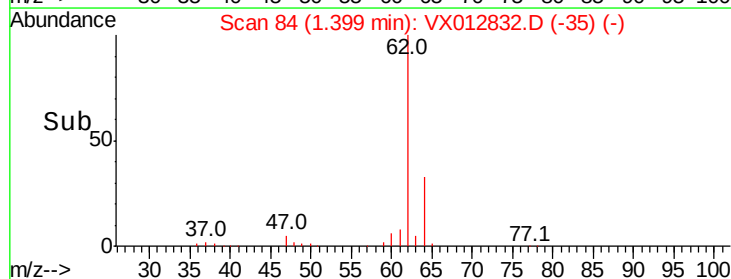
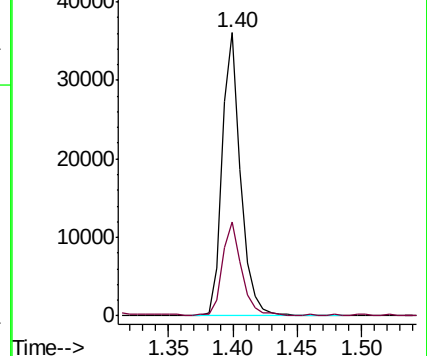
62 100

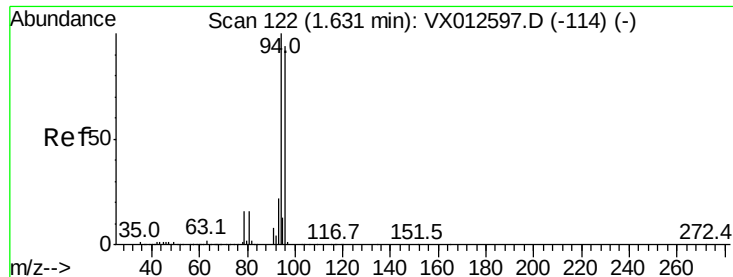
64 33.0 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.778 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

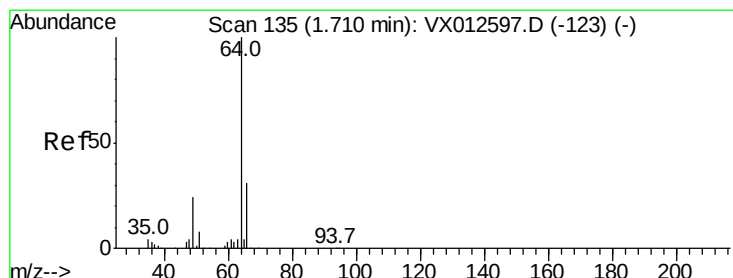
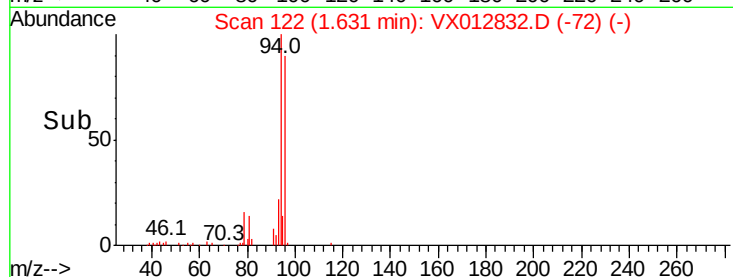
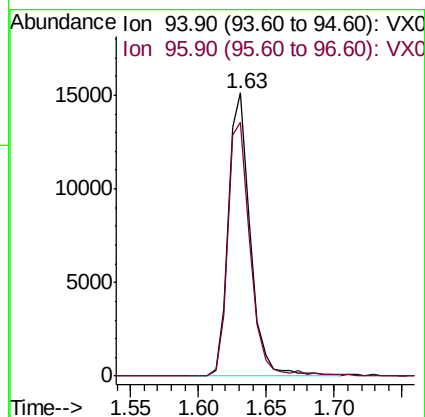
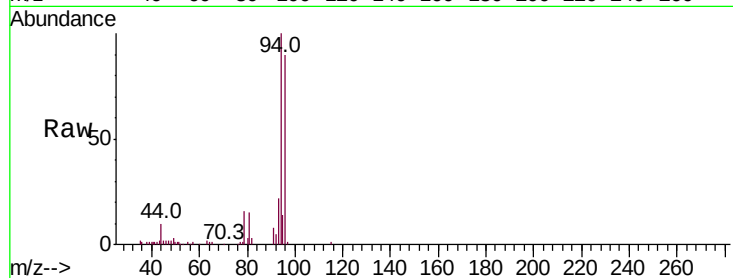
ClientSampleId :

Tot Ion: 94 Resp: 16887

Ion Ratio Lower Upper

94 100

96 89.6 72.8 109.2



#6

Chloroethane

Concen: 16.693 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012832.D

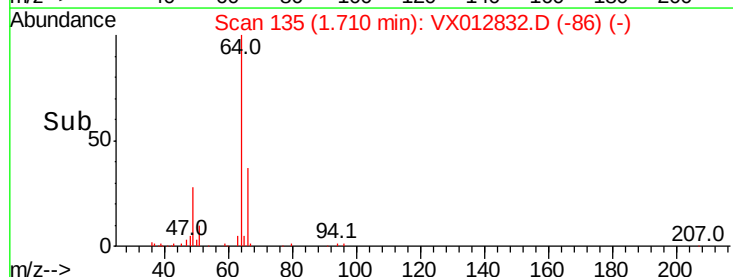
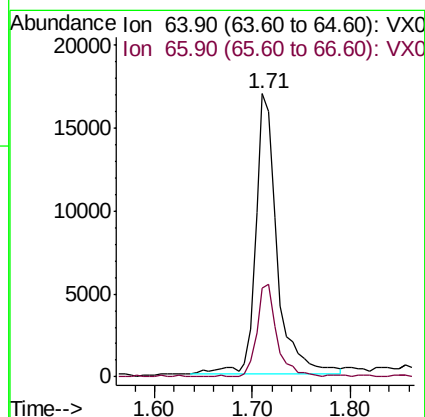
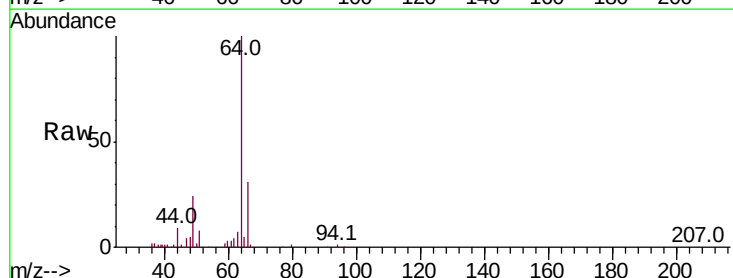
Acq: 07 Oct 2019 12:53

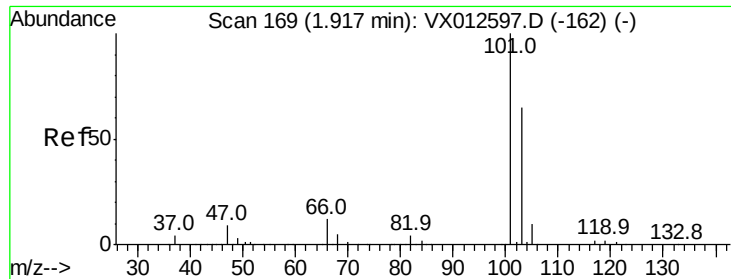
Tgt Ion: 64 Resp: 25740

Ion Ratio Lower Upper

64 100

66 31.5 24.0 36.0



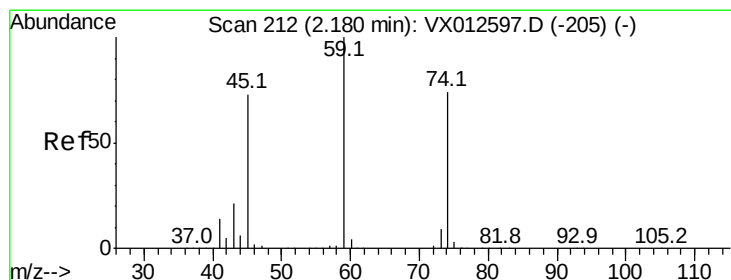
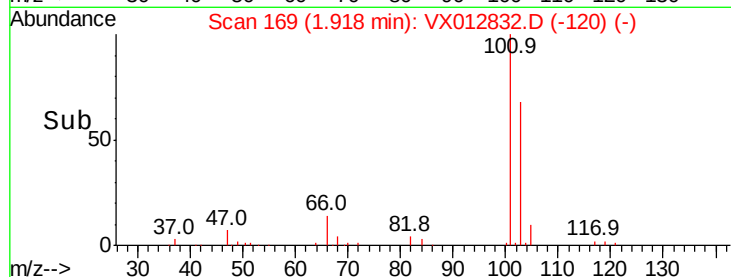
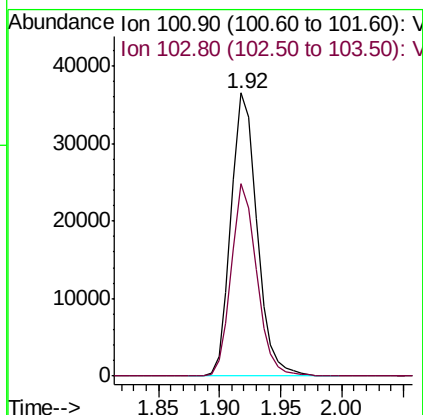
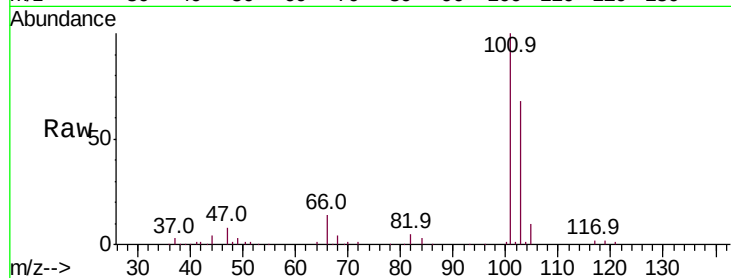


#7

Trichlorofluoromethane
 Concen: 16.745 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

Instrument :
 MSVOA_X
 ClientSampleId :

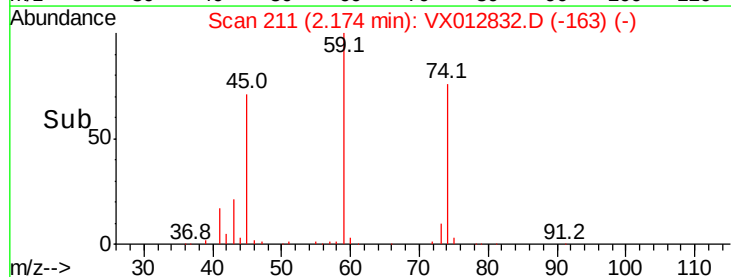
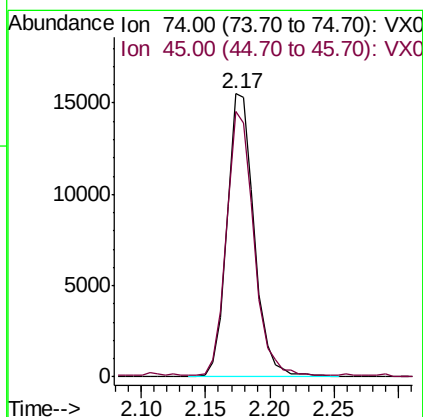
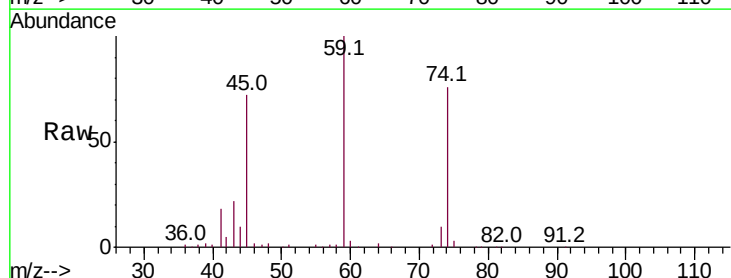
Tot Ion:101 Resp: 53774
 Ion Ratio Lower Upper
 101 100
 103 67.8 51.0 76.4

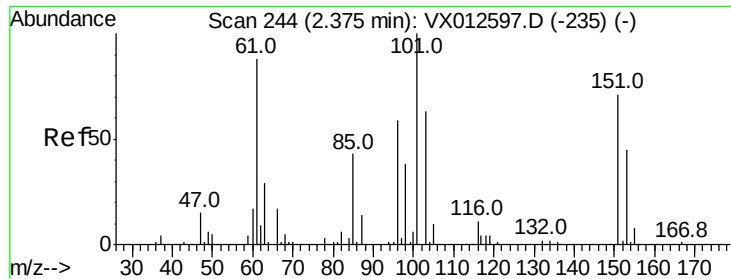


#8

Diethyl Ether
 Concen: 17.393 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

Tgt Ion: 74 Resp: 22890
 Ion Ratio Lower Upper
 74 100
 45 94.0 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.700 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

ClientSampled :

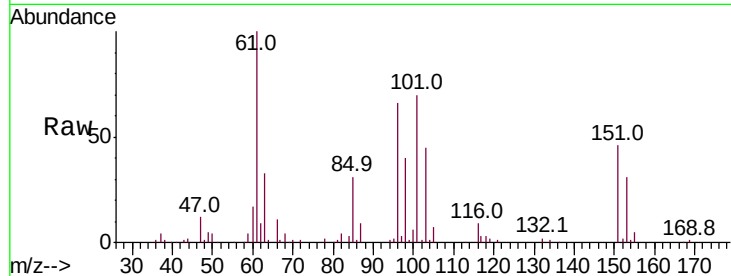
Tot Ion:101 Resp: 36577

Ion Ratio Lower Upper

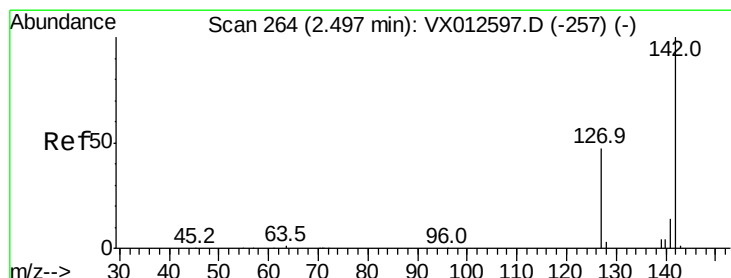
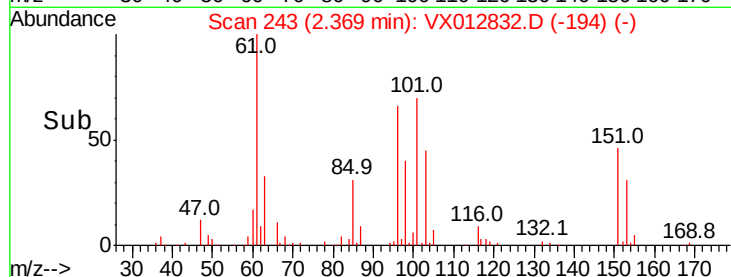
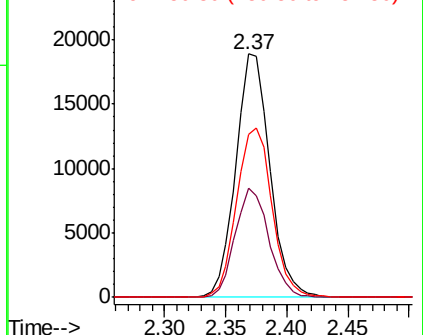
101 100

85 44.0 37.3 55.9

151 72.3 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: 17.197 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

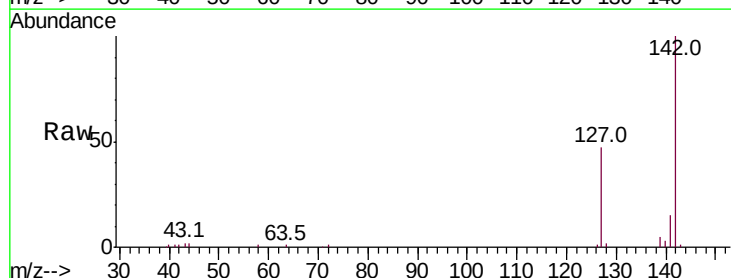
Tgt Ion:142 Resp: 28004

Ion Ratio Lower Upper

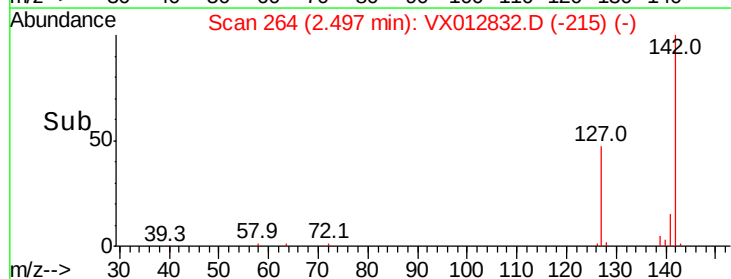
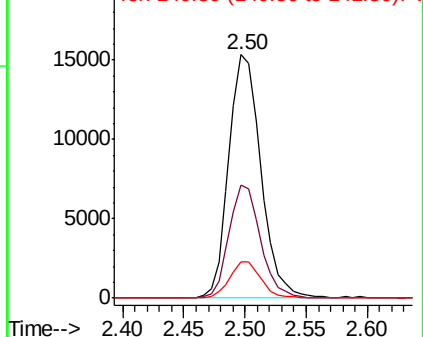
142 100

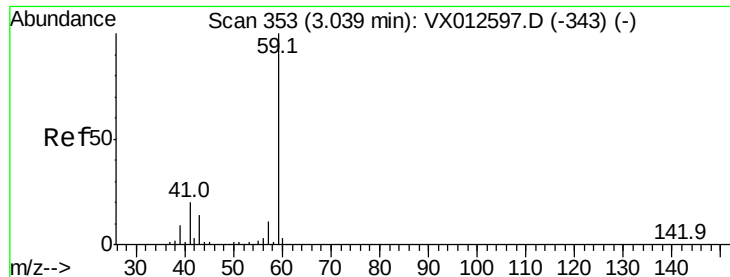
127 45.1 40.8 61.2

141 14.6 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



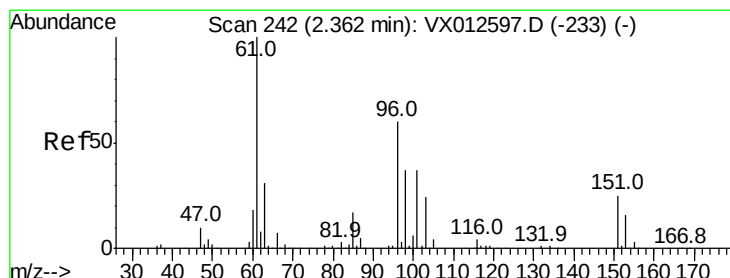
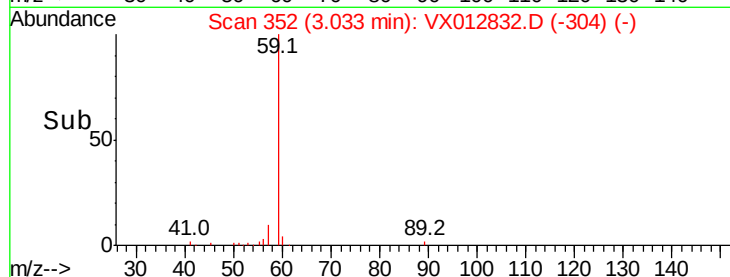
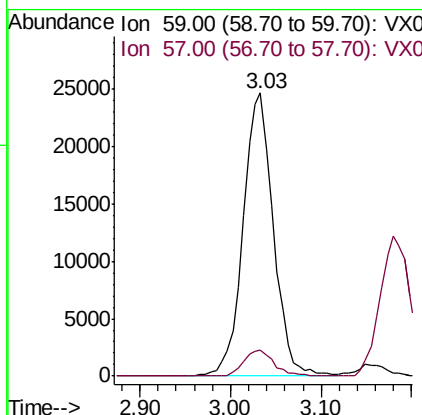
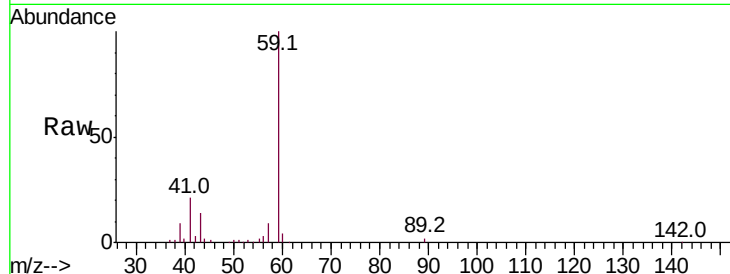


#11

Tert butyl alcohol
Concen: 87.657 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Instrument :
MSVOA_X
ClientSampled :

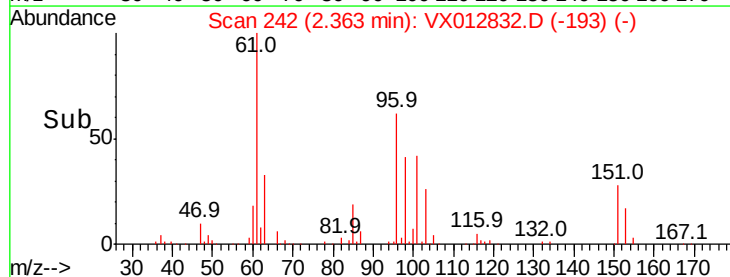
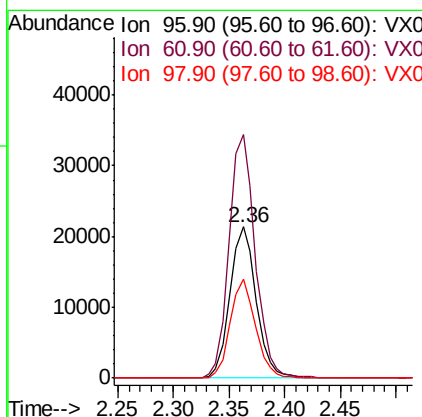
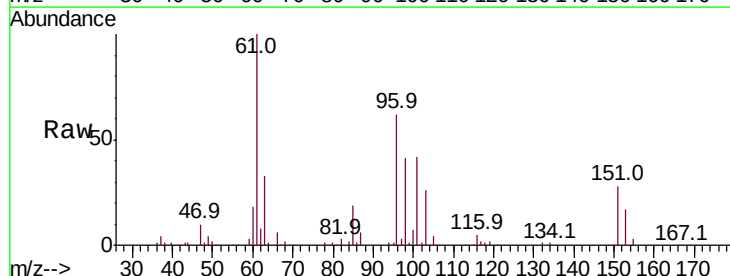
Tot Ion: 59 Resp: 56802
Ion Ratio Lower Upper
59 100
57 9.3 8.3 12.5

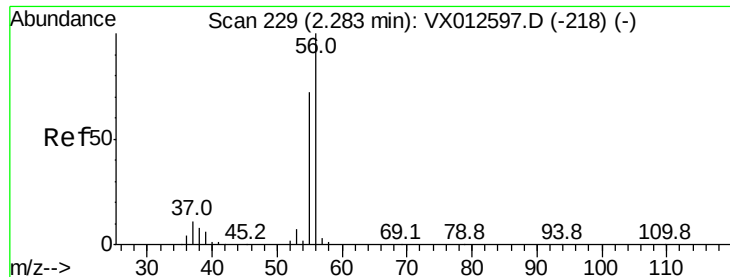


#12

1,1-Dichloroethene
Concen: 18.260 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Tgt Ion: 96 Resp: 34973
Ion Ratio Lower Upper
96 100
61 161.0 133.8 200.6
98 65.3 49.9 74.9





#13

Acrolein

Concen: 74.423 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

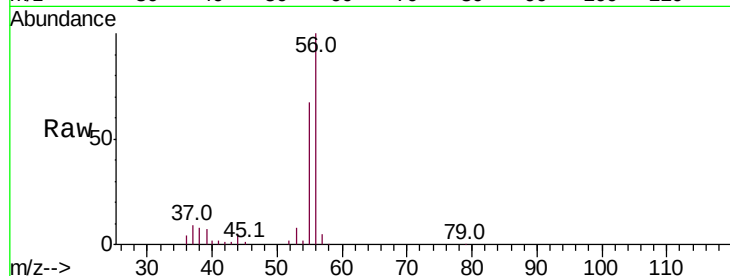
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 24160

Ion Ratio Lower Upper

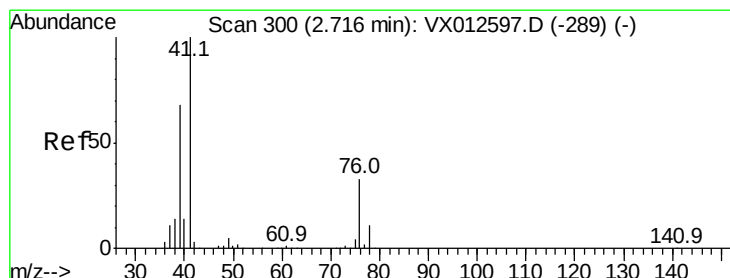
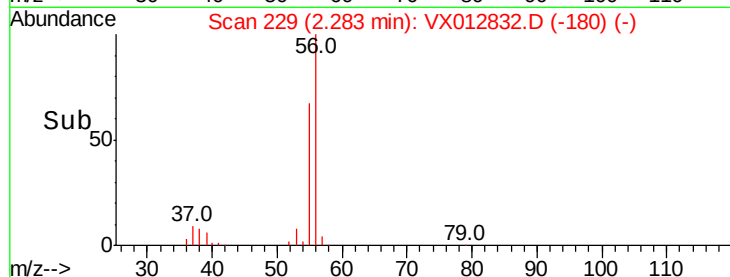
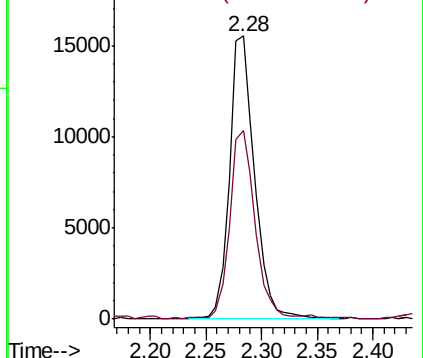
56 100

55 67.9 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 16.986 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

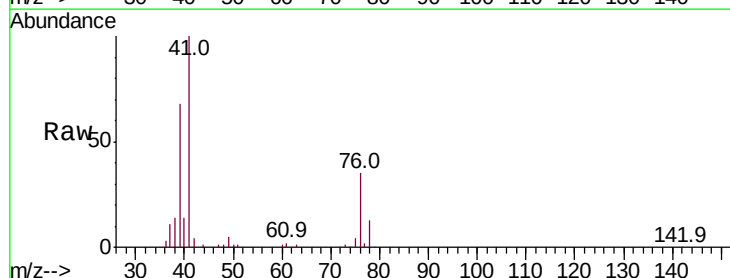
Tgt Ion: 41 Resp: 64547

Ion Ratio Lower Upper

41 100

39 63.7 51.3 76.9

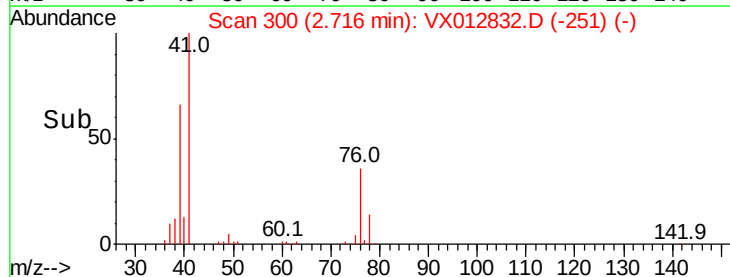
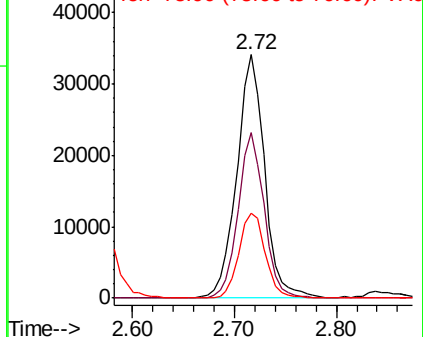
76 33.3 22.6 33.8

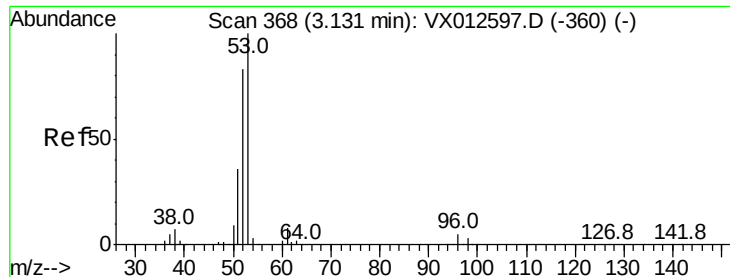


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 88.418 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

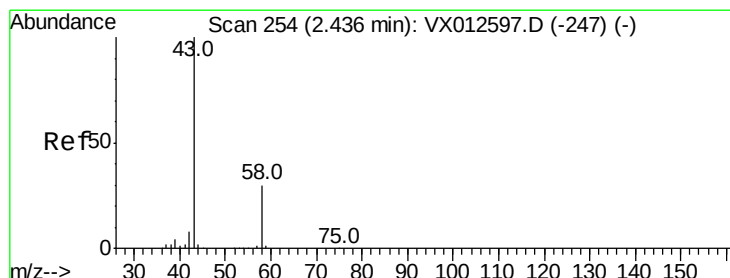
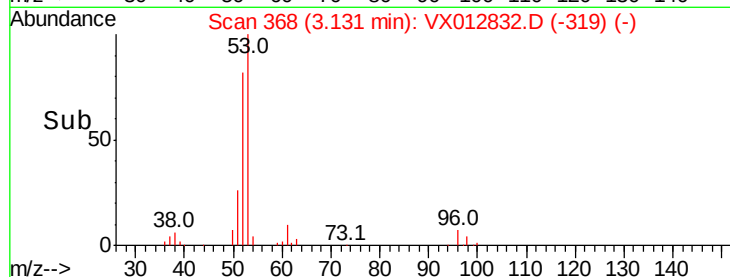
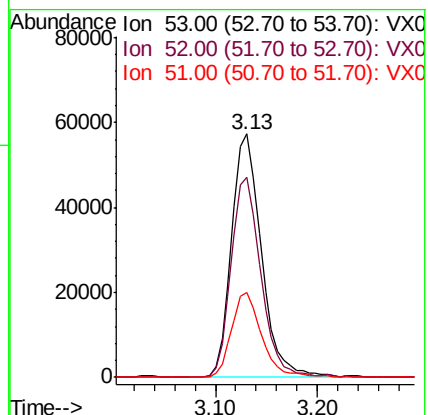
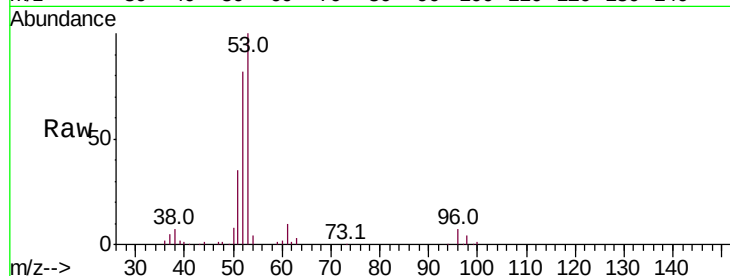
Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 53 Resp: 116240

Ion	Ratio	Lower	Upper
53	100		
52	82.6	67.0	100.4
51	35.3	29.6	44.4



#16

Acetone

Concen: 81.586 ug/l

RT: 2.43 min Scan# 253

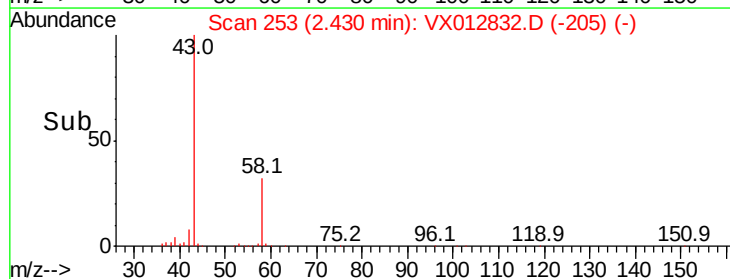
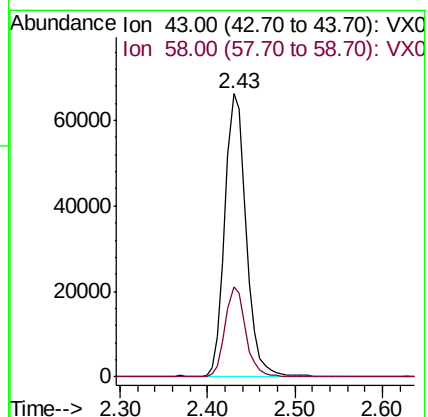
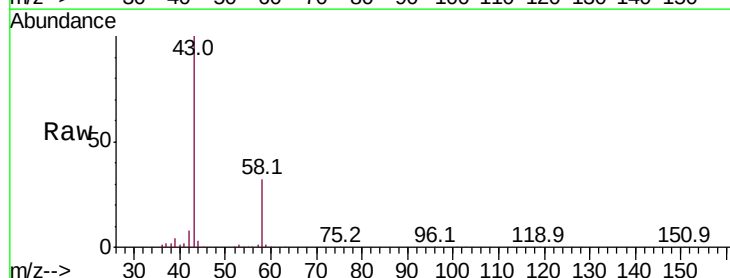
Delta R.T. -0.01 min

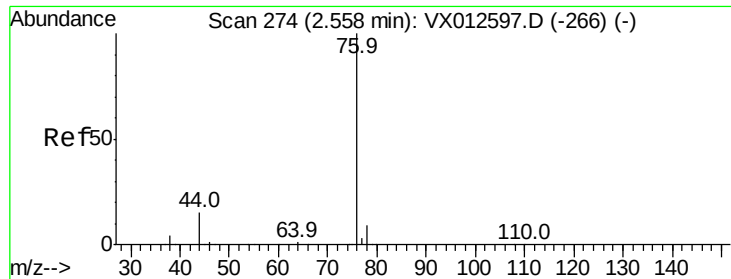
Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Tgt Ion: 43 Resp: 112099

Ion	Ratio	Lower	Upper
43	100		
58	31.7	23.3	34.9





#17

Carbon Disulfide

Concen: 16.156 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

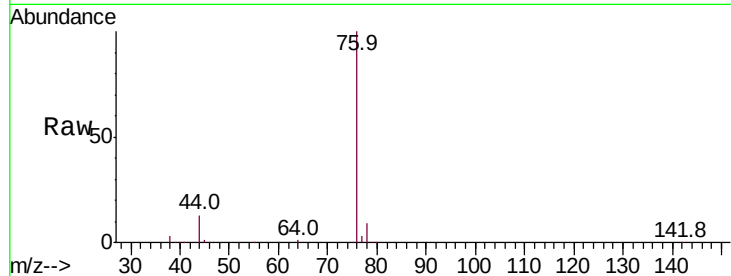
ClientSampled :

Tot Ion: 76 Resp: 86751

Ion Ratio Lower Upper

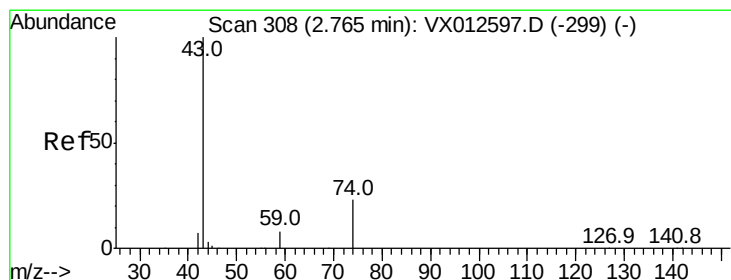
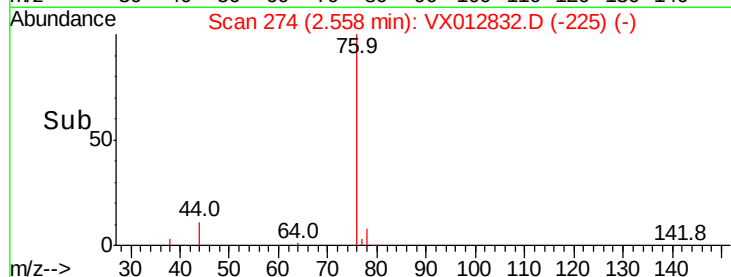
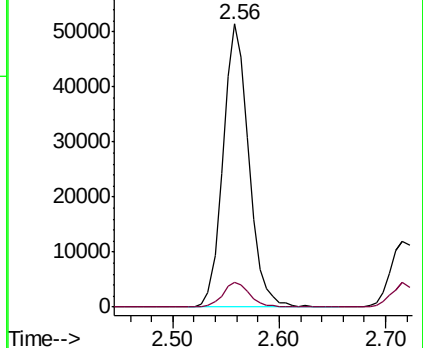
76 100

78 8.7 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: 17.896 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX012832.D

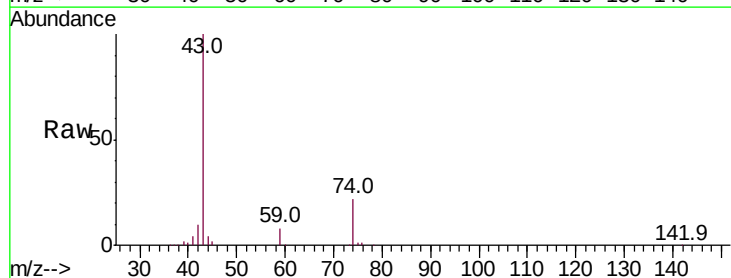
Acq: 07 Oct 2019 12:53

Tgt Ion: 43 Resp: 57899

Ion Ratio Lower Upper

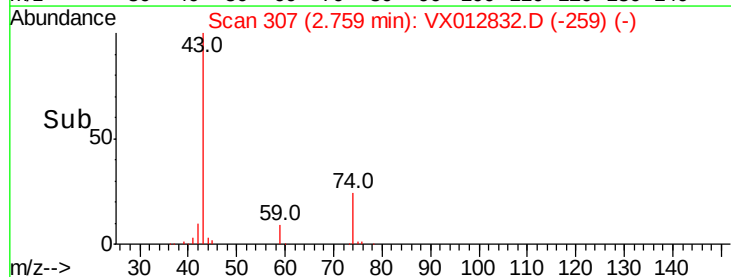
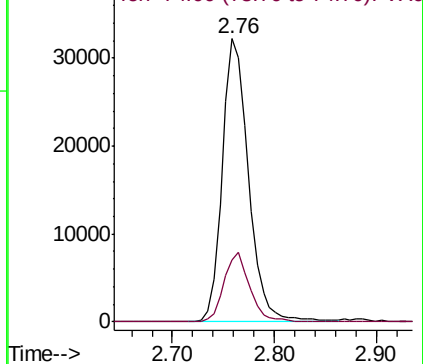
43 100

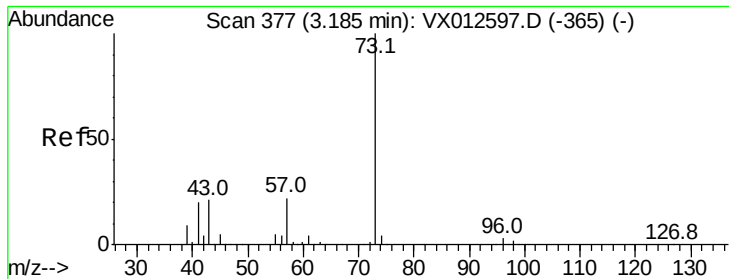
74 24.2 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

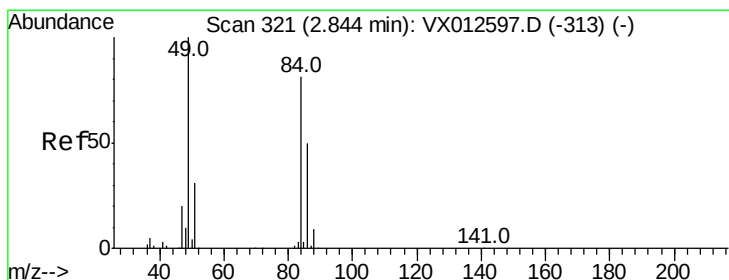
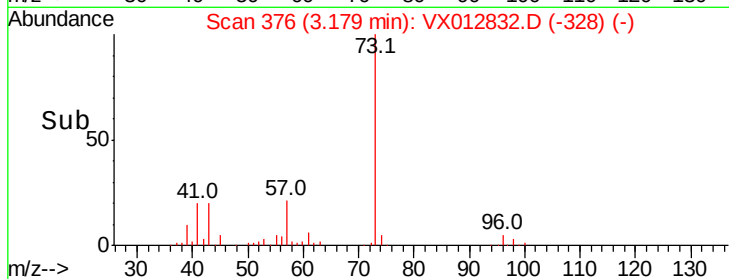
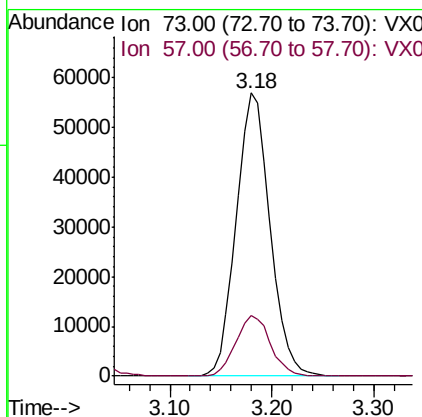
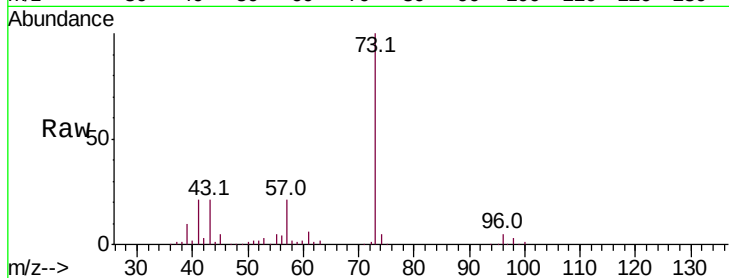




#19
Methyl tert-butyl Ether
Concen: 18.045 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

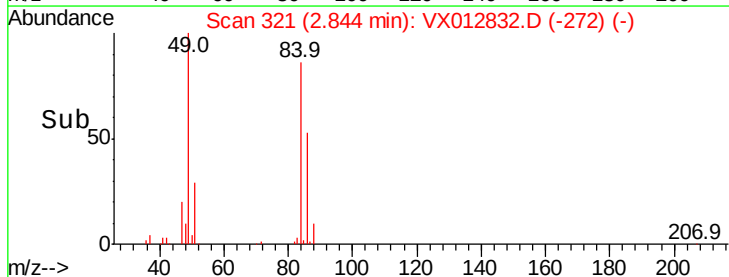
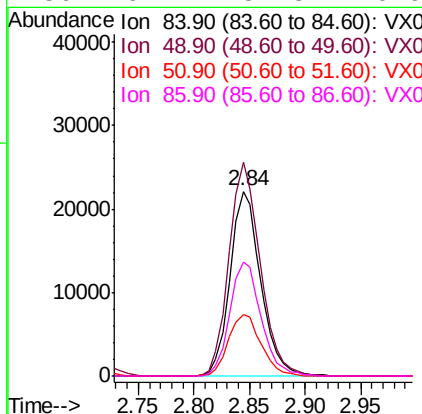
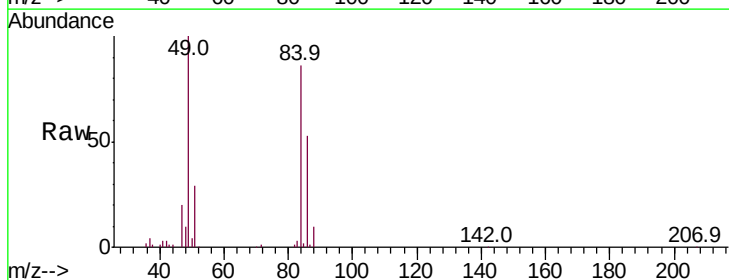
Instrument :
MSVOA_X
ClientSampleId :

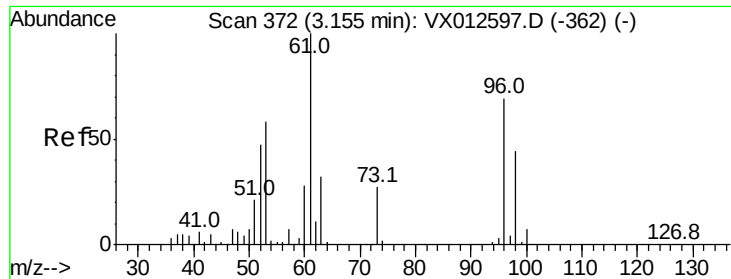
Tot Ion: 73 Resp: 130821
Ion Ratio Lower Upper
73 100
57 21.4 16.8 25.2



#20
Methylene Chloride
Concen: 18.107 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Tgt Ion: 84 Resp: 42079
Ion Ratio Lower Upper
84 100
49 115.8 106.8 160.2
51 33.4 32.3 48.5
86 61.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 17.931 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :
MSVOA_X
ClientSampled :

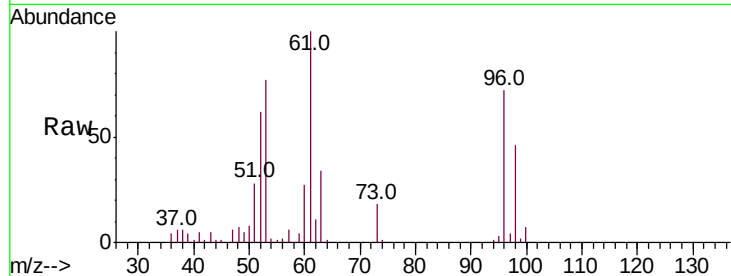
Tot Ion: 96 Resp: 38048

Ion Ratio Lower Upper

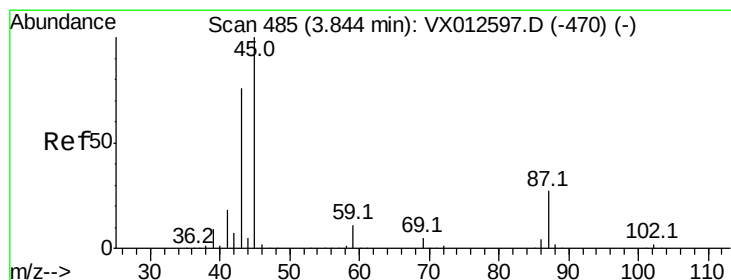
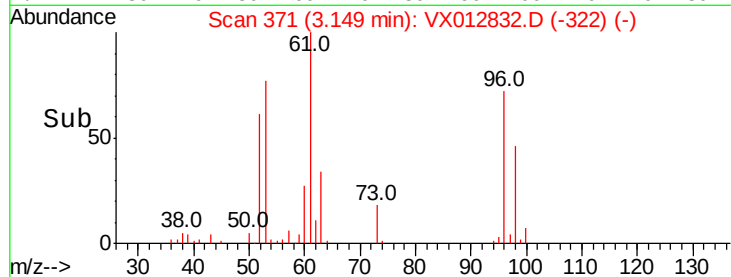
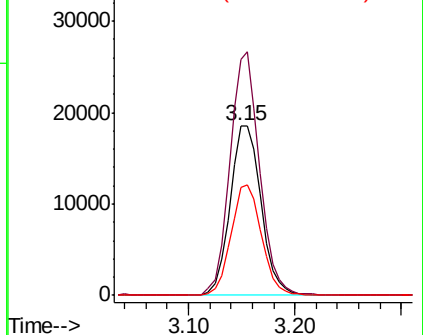
96 100

61 139.2 112.0 168.0

98 64.0 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: 17.875 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Tgt Ion: 45 Resp: 131246

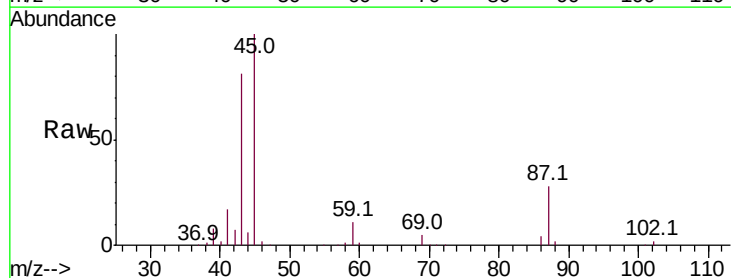
Ion Ratio Lower Upper

45 100

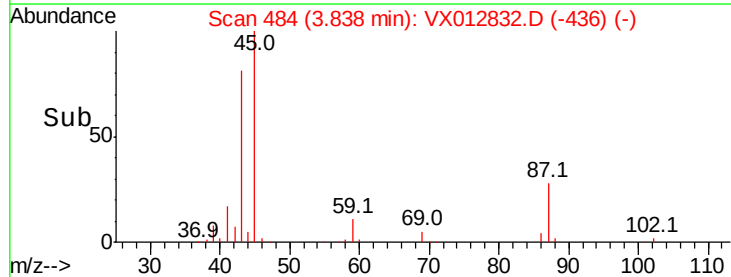
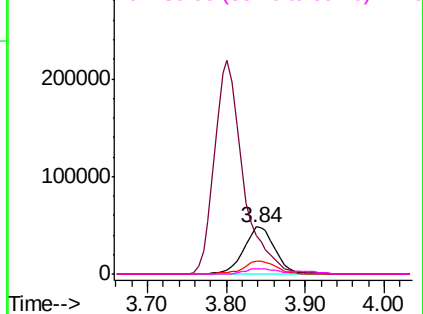
43 80.0 57.8 86.8

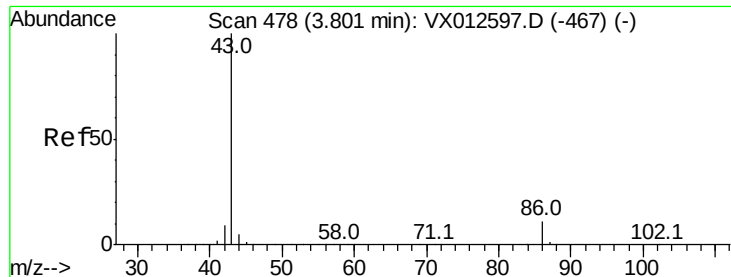
87 28.5 21.3 31.9

59 11.0 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: 86.502 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

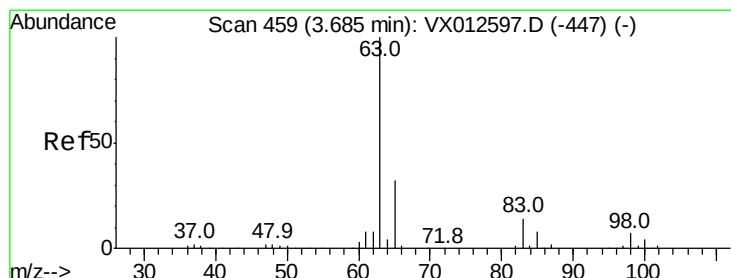
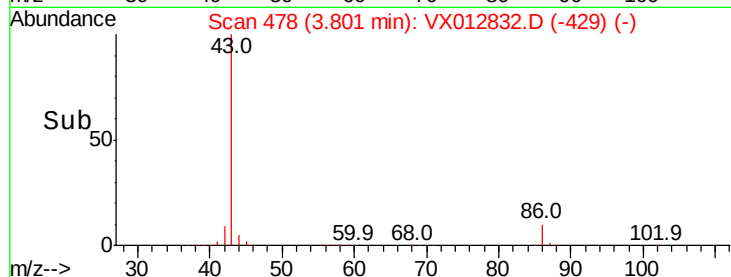
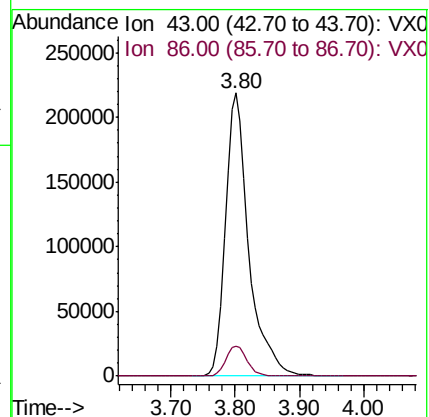
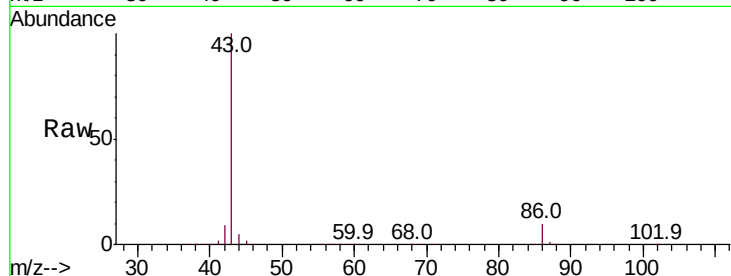
ClientSampleId :

Tot Ion: 43 Resp: 556986

Ion Ratio Lower Upper

43 100

86 10.4 7.8 11.8



#24

1,1-Dichloroethane

Concen: 18.013 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

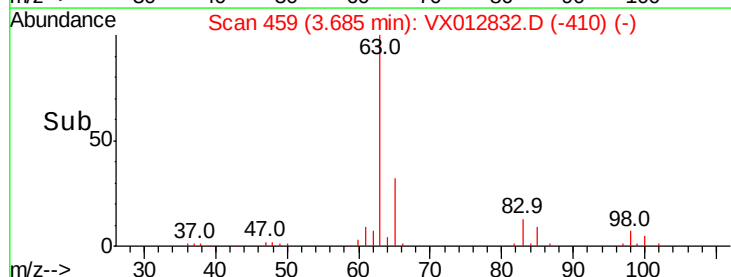
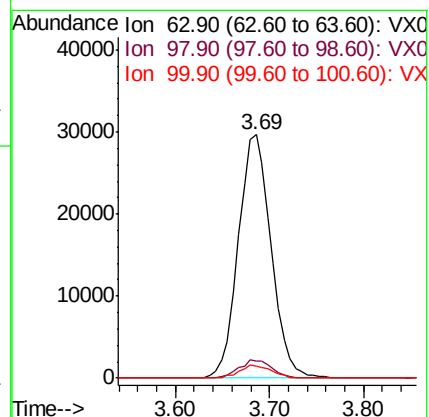
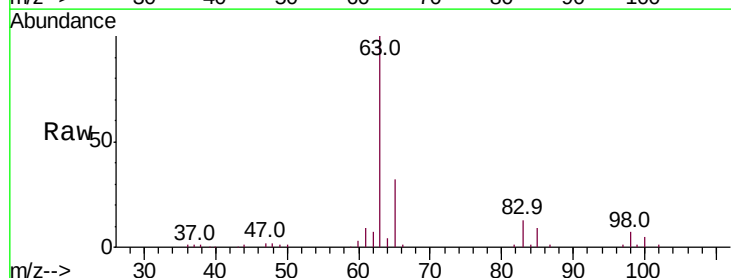
Tgt Ion: 63 Resp: 71893

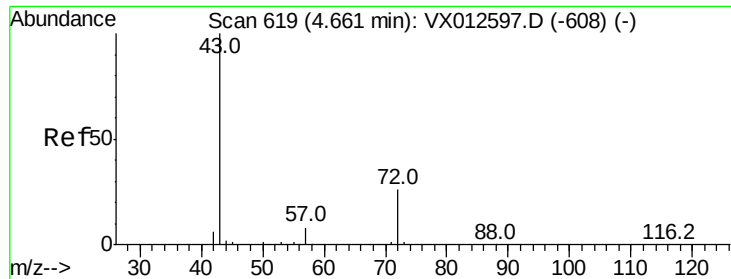
Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.7

100 4.9 2.3 6.9





#25

2-Butanone

Concen: 83.090 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

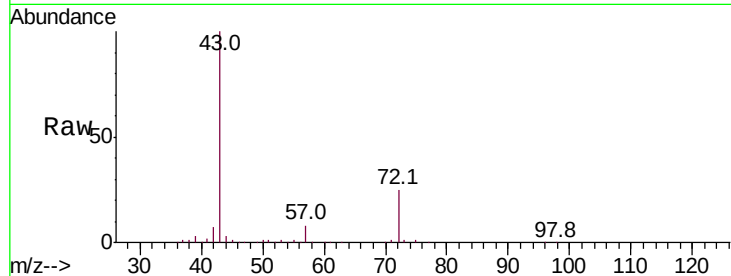
ClientSampled :

Tot Ion: 43 Resp: 163696

Ion Ratio Lower Upper

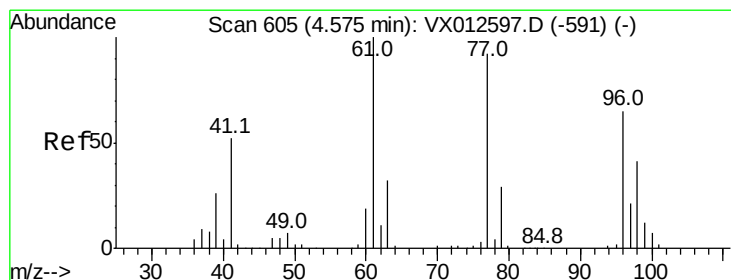
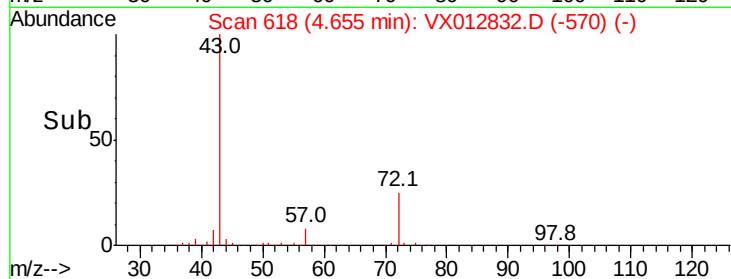
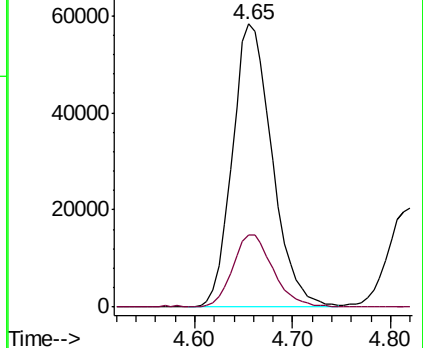
43 100

72 25.1 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: 17.233 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012832.D

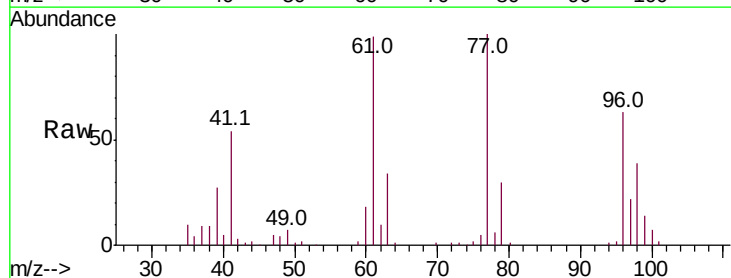
Acq: 07 Oct 2019 12:53

Tgt Ion: 77 Resp: 61172

Ion Ratio Lower Upper

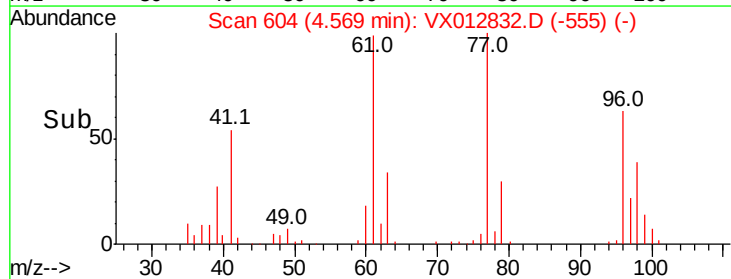
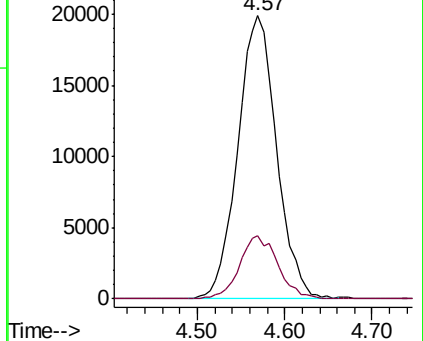
77 100

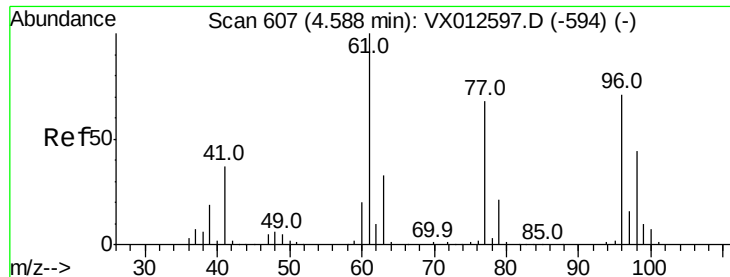
97 22.0 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



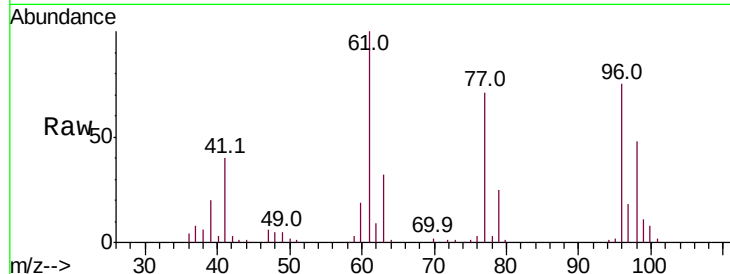


#27

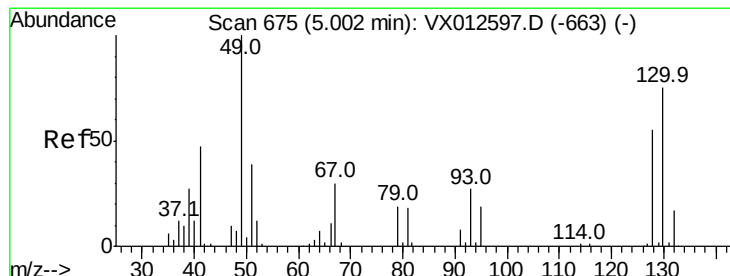
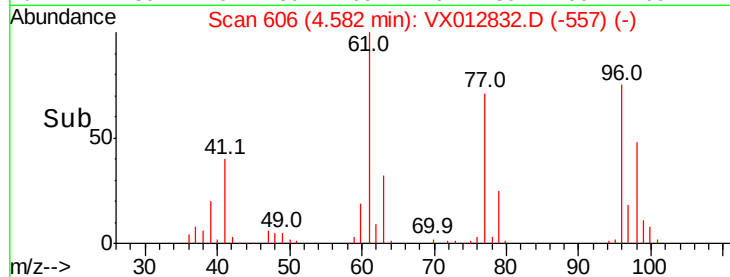
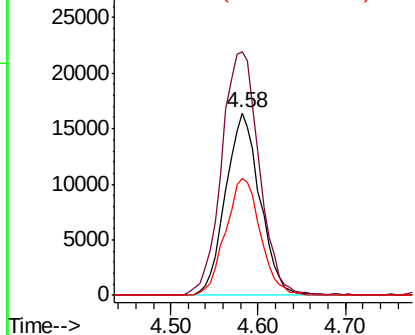
cis-1,2-Dichloroethene
Concen: 18.171 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 44739
Ion Ratio Lower Upper
96 100
61 146.4 0.0 319.4
98 65.1 0.0 130.6



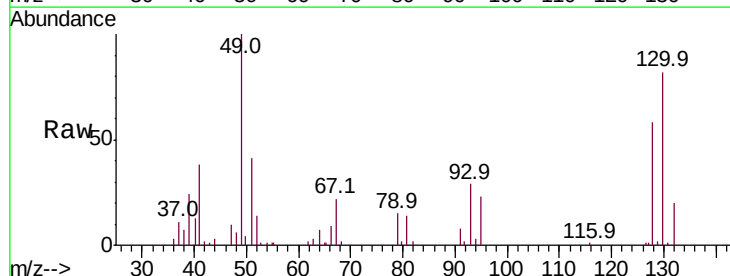
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



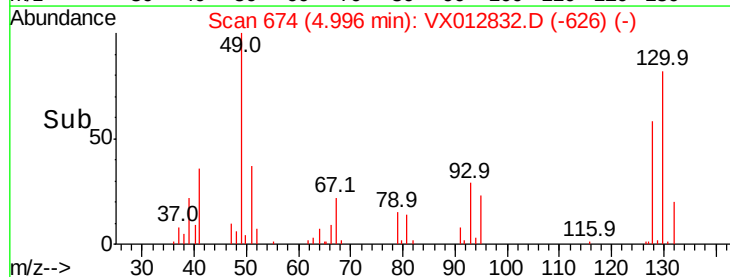
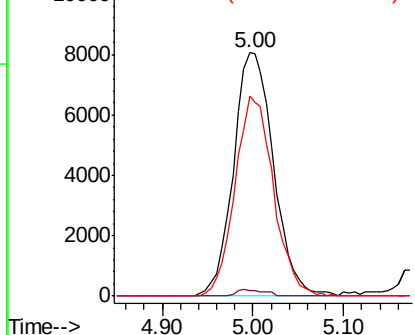
#28

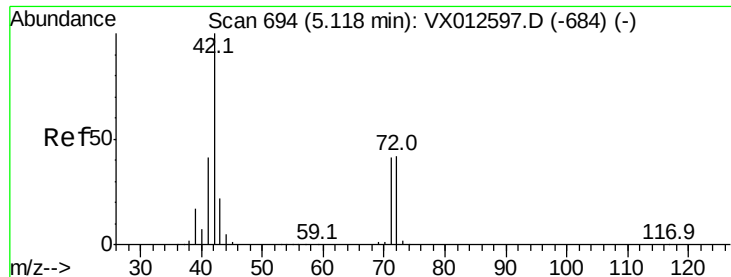
Bromochloromethane
Concen: 17.058 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Tgt Ion: 49 Resp: 24720
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 78.8 58.2 87.4



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





#29

Tetrahydrofuran

Concen: 83.987 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

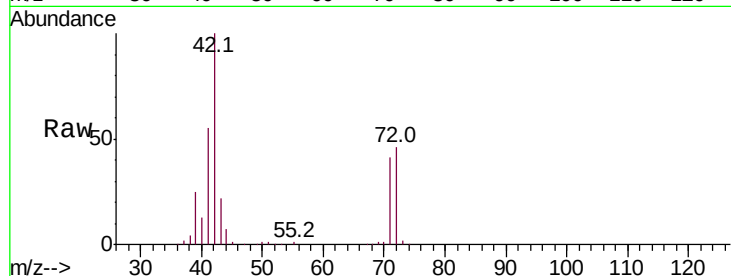
Tot Ion: 42 Resp: 100851

Ion Ratio Lower Upper

42 100

72 45.8 34.0 51.0

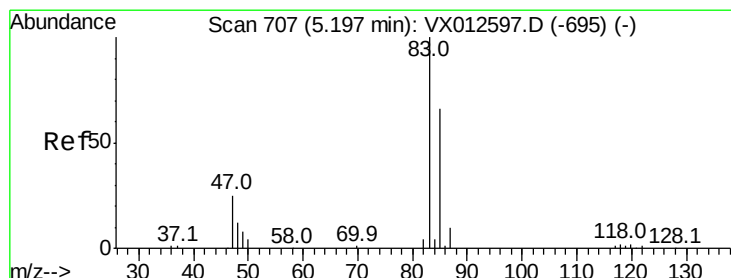
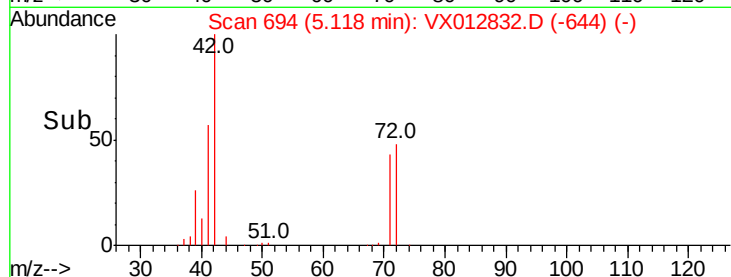
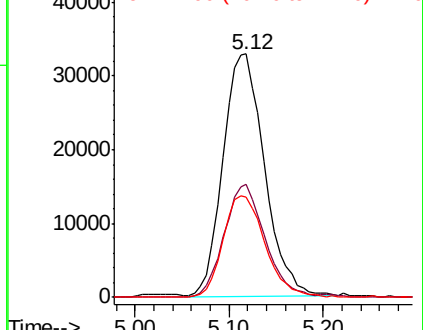
71 42.6 31.5 47.3



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: 17.856 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX012832.D

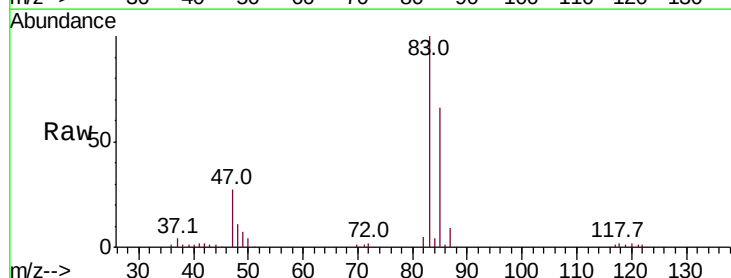
Acq: 07 Oct 2019 12:53

Tgt Ion: 83 Resp: 72911

Ion Ratio Lower Upper

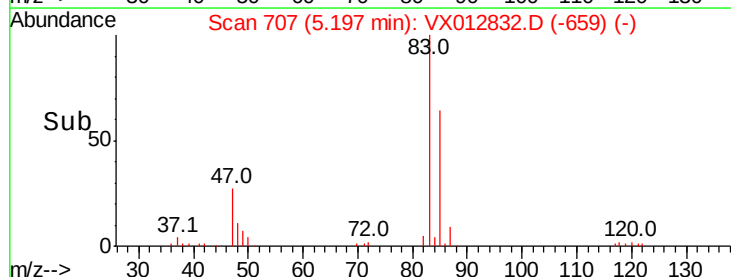
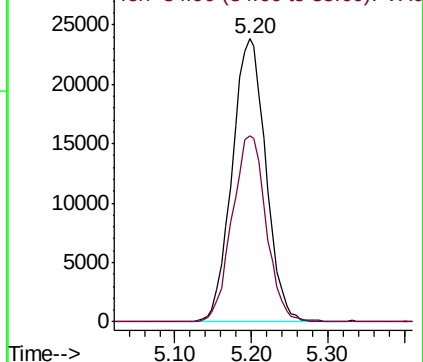
83 100

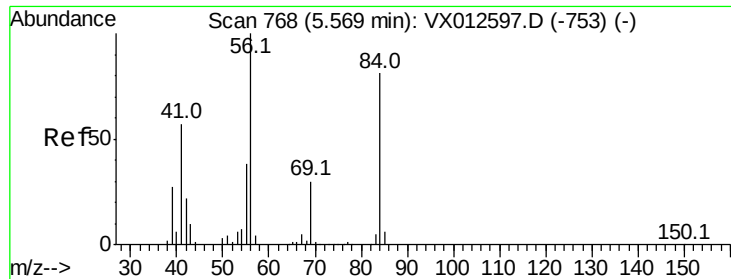
85 65.9 53.0 79.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

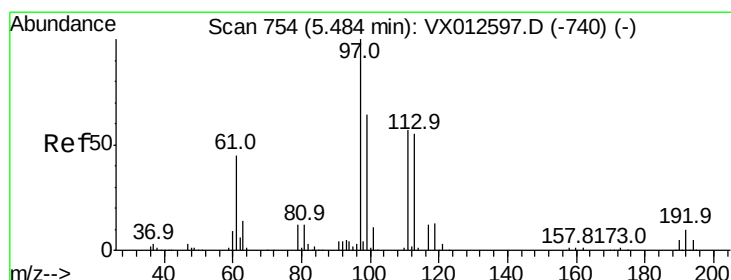
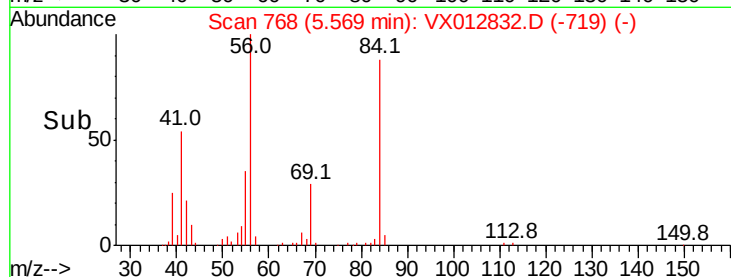
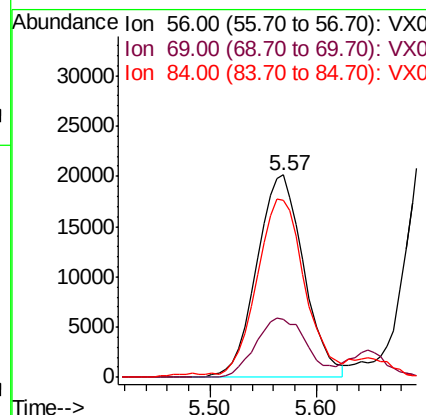
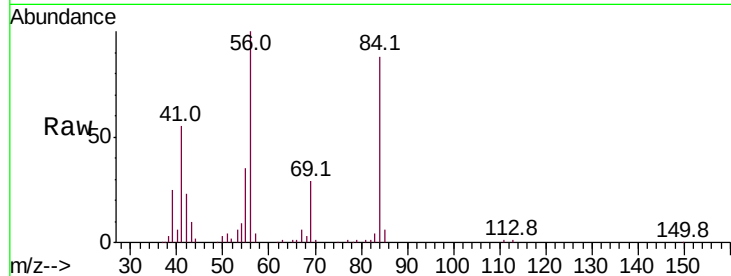




#31
Cyclohexane
Concen: 17.230 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

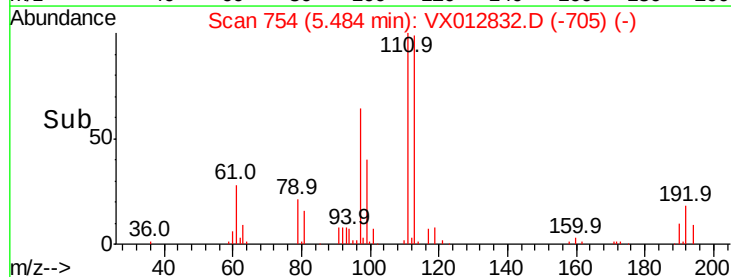
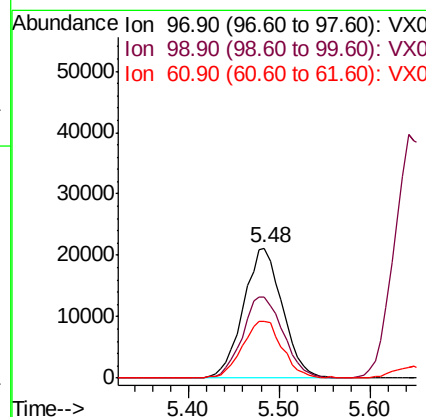
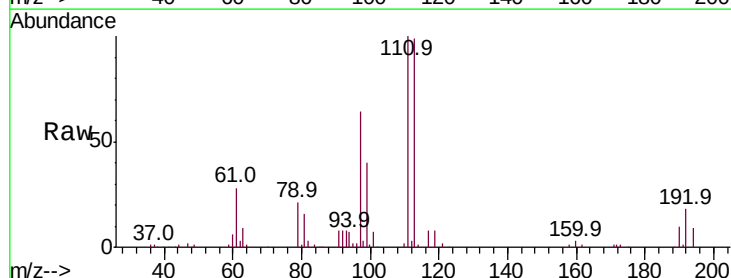
Instrument :
MSVOA_X
ClientSampleId :

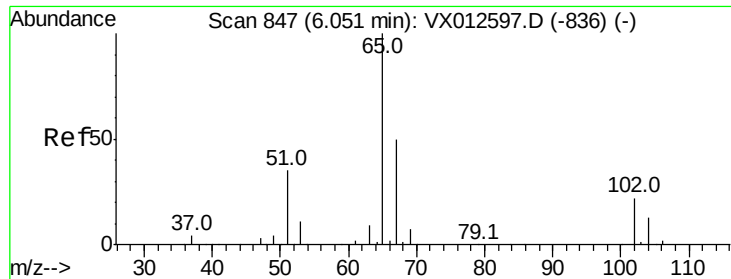
Tot Ion: 56 Resp: 62212
Ion Ratio Lower Upper
56 100
69 28.7 25.0 37.6
84 85.1 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 17.468 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Tgt Ion: 97 Resp: 63215
Ion Ratio Lower Upper
97 100
99 64.8 51.3 76.9
61 44.6 36.1 54.1

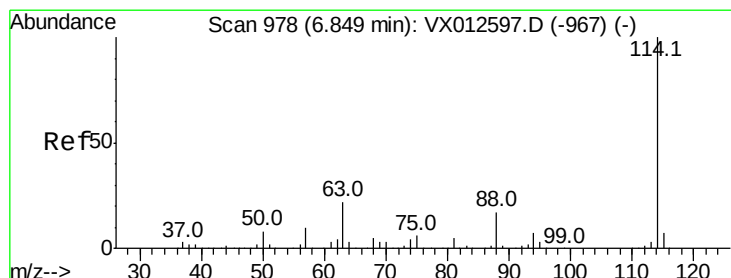
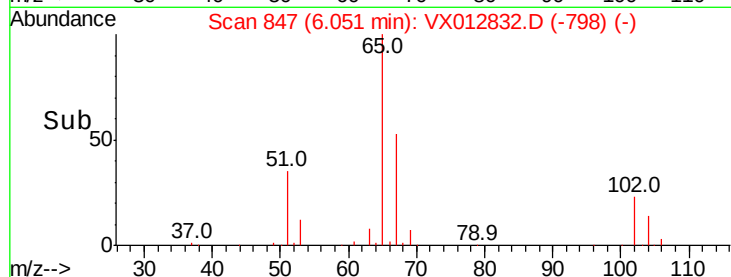
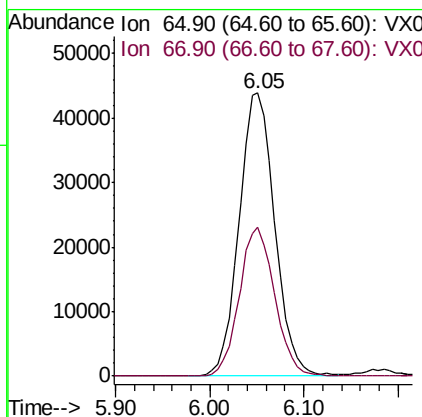
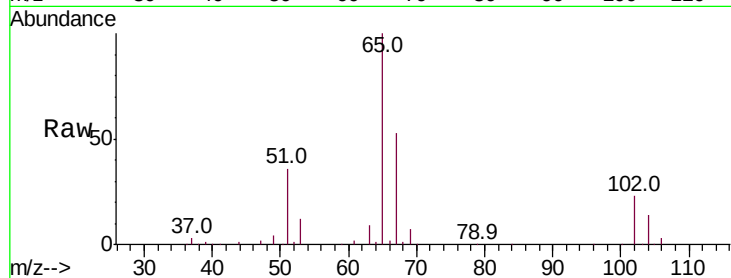




#33
 1,2-Dichloroethane-d4
 Concen: 44.797 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

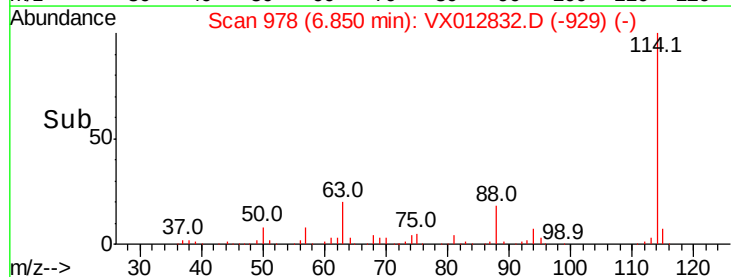
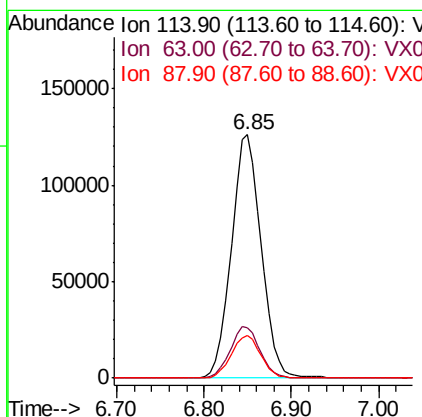
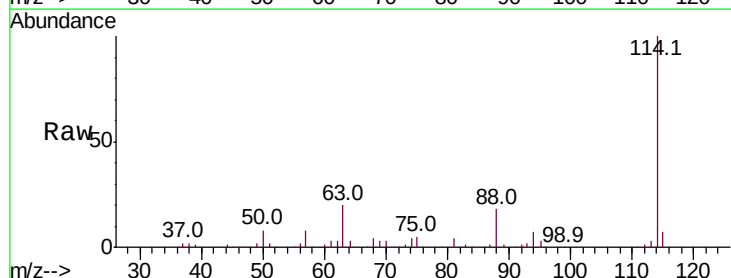
Instrument :
 MSVOA_X
 ClientSampleId :

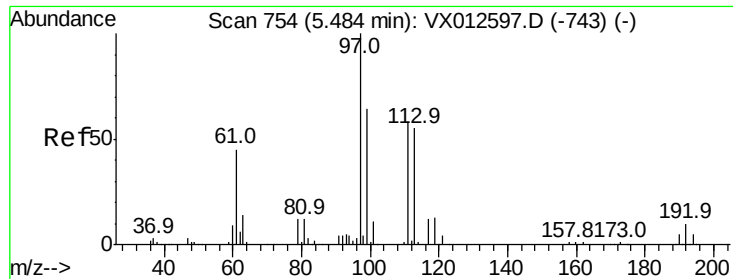
Tot Ion: 65 Resp: 116203
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

Tgt Ion: 114 Resp: 298731
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 43.2
 88 17.7 0.0 33.2

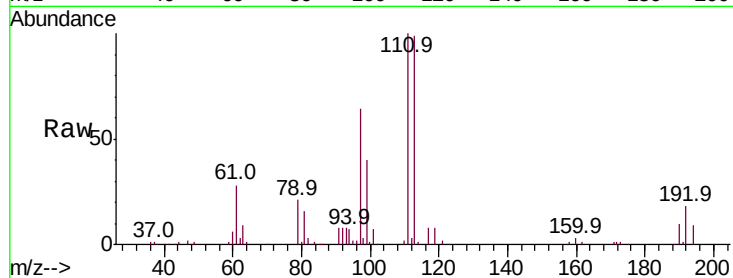




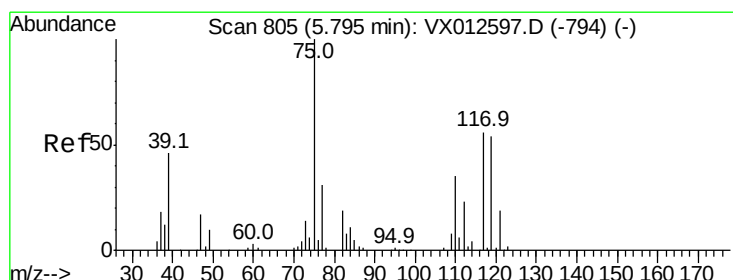
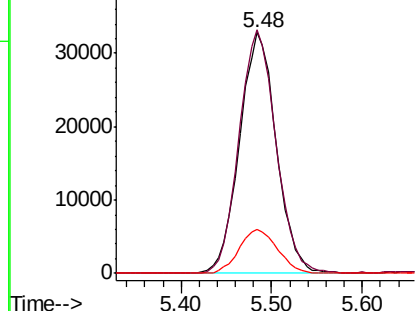
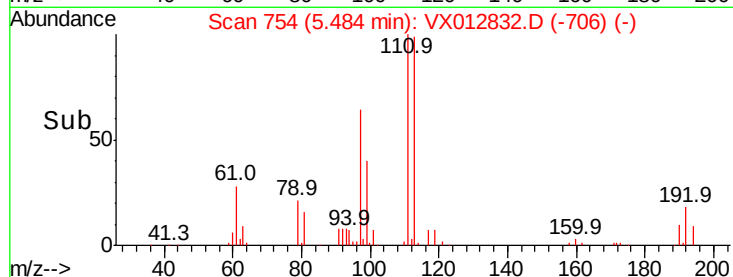
#35
 Dibromofluoromethane
 Concen: 51.795 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:113 Resp: 92147
 Ion Ratio Lower Upper
 113 100
 111 101.5 83.4 125.2
 192 18.9 14.4 21.6

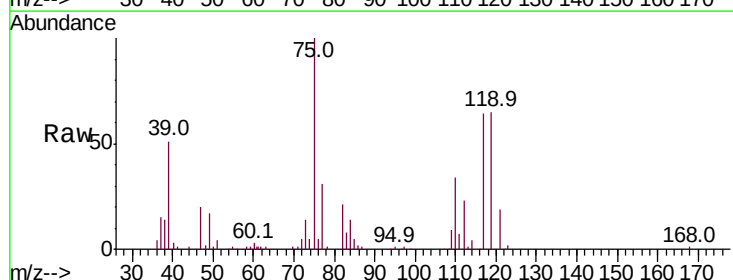


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

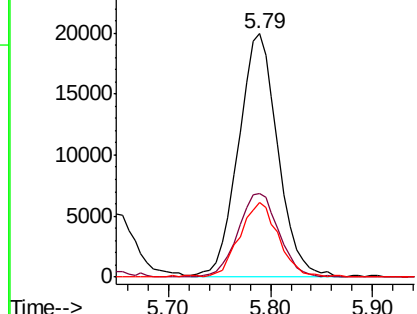
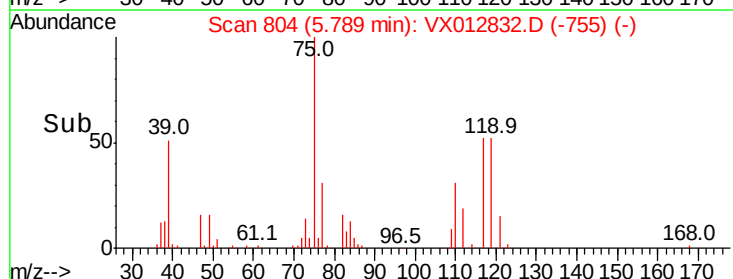


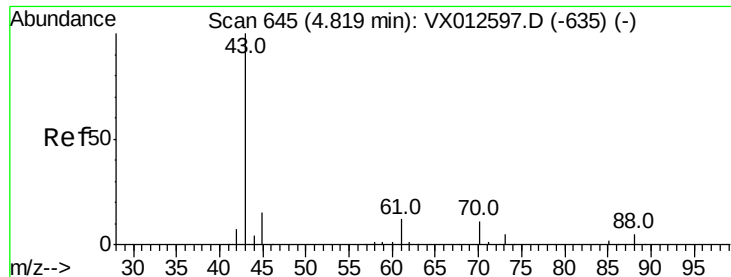
#36
 1,1-Dichloropropene
 Concen: 18.588 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

Tgt Ion: 75 Resp: 53524
 Ion Ratio Lower Upper
 75 100
 110 35.4 16.7 50.0
 77 30.5 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

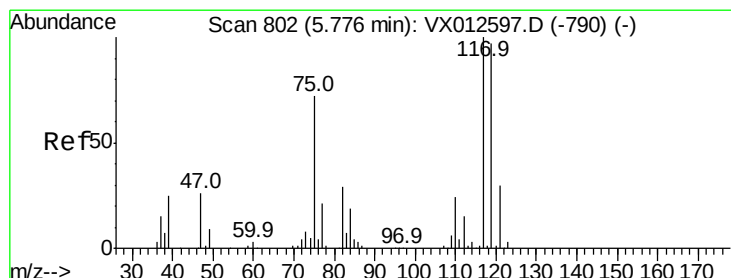
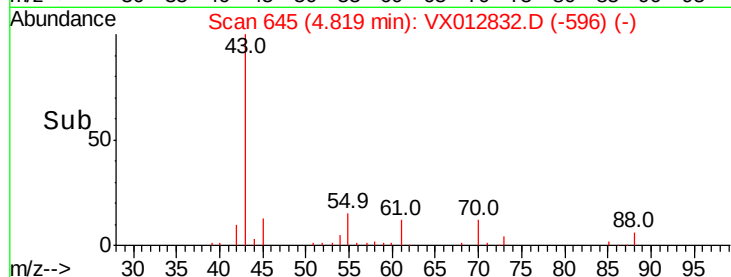
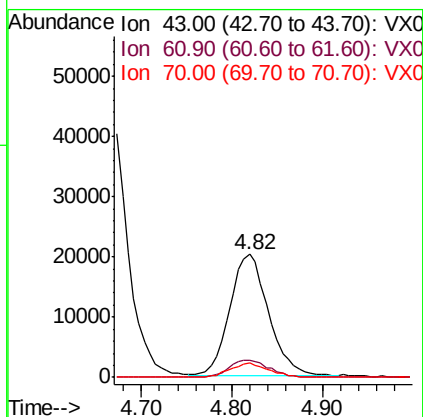
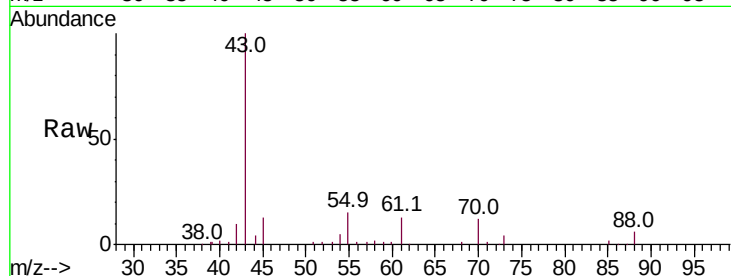




#37
Ethyl Acetate
Concen: 17.867 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

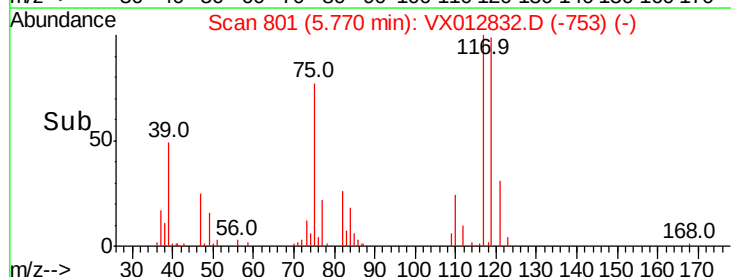
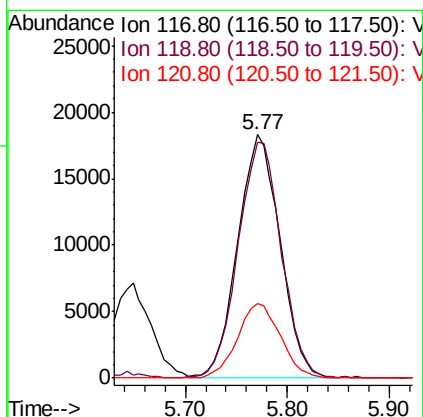
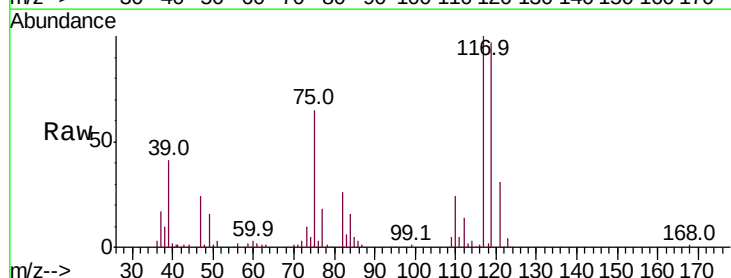
Instrument :
MSVOA_X
ClientSampled :

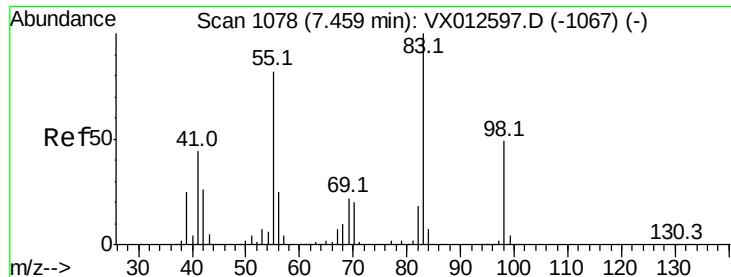
Tot Ion: 43 Resp: 60148
Ion Ratio Lower Upper
43 100
61 14.8 10.2 15.4
70 11.6 8.7 13.1



#38
Carbon Tetrachloride
Concen: 17.920 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Tgt Ion: 117 Resp: 52415
Ion Ratio Lower Upper
117 100
119 96.9 75.7 113.5
121 30.8 24.2 36.4

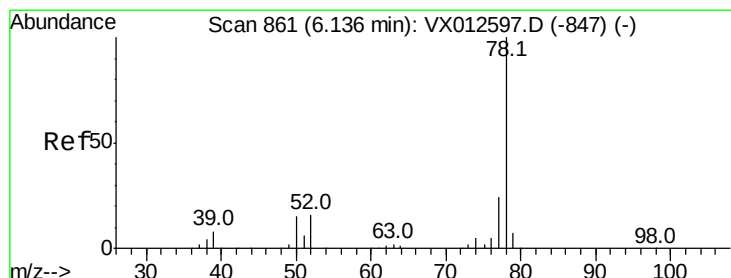
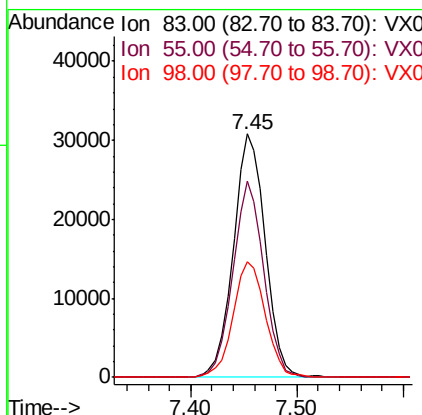
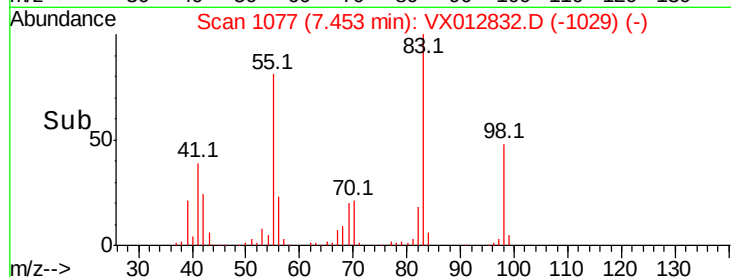
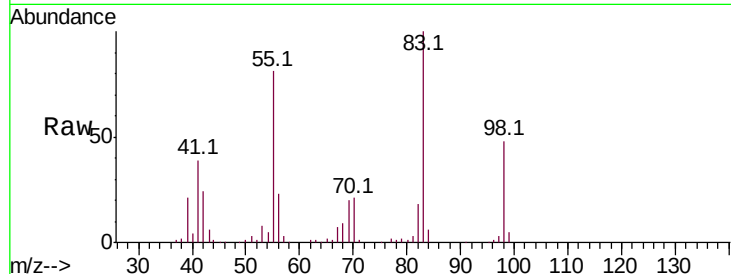




#39
Methylvlcyclohexane
Concen: 18.667 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

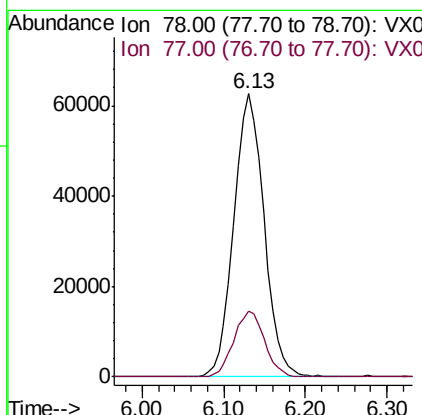
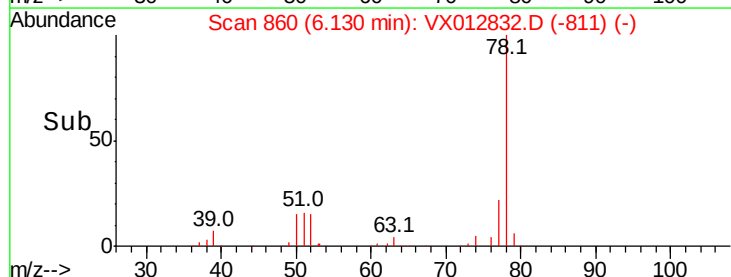
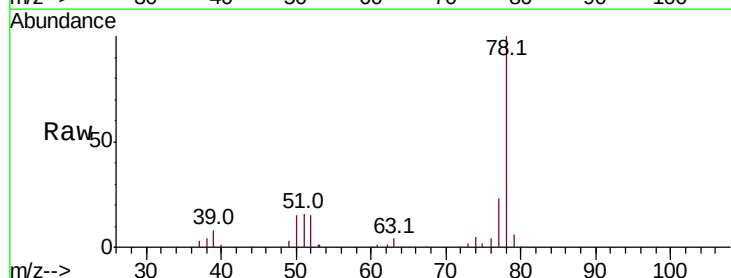
Instrument :
MSVOA_X
ClientSampleId :

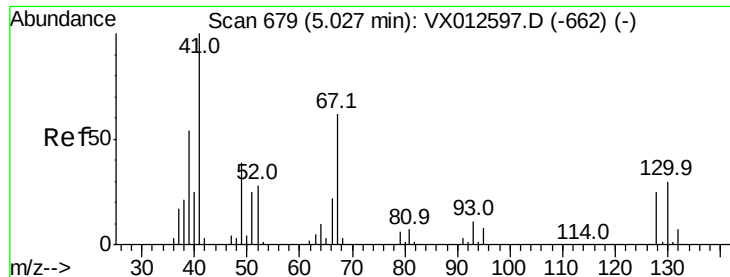
Tot Ion: 83 Resp: 64707
Ion Ratio Lower Upper
83 100
55 80.6 64.4 96.6
98 47.6 40.1 60.1



#40
Benzene
Concen: 18.966 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Tgt Ion: 78 Resp: 160679
Ion Ratio Lower Upper
78 100
77 23.1 19.2 28.8

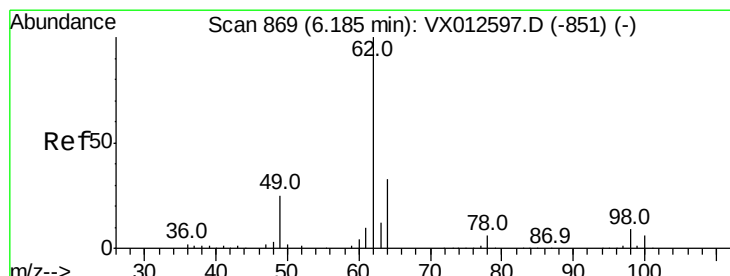
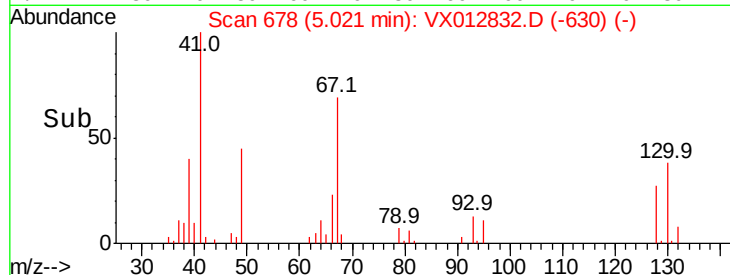
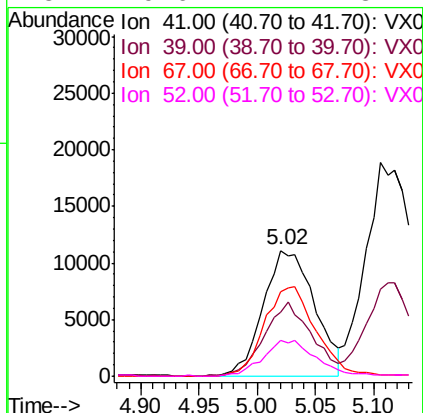
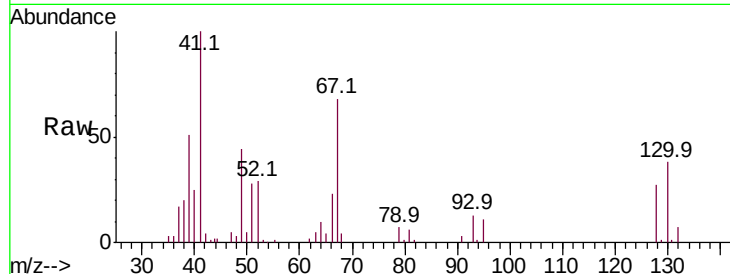




#41
Methacrylonitrile
Concen: 18.072 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

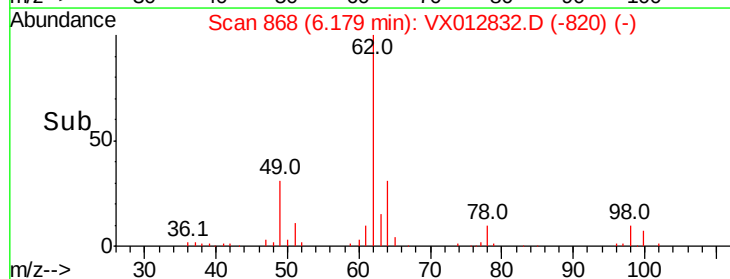
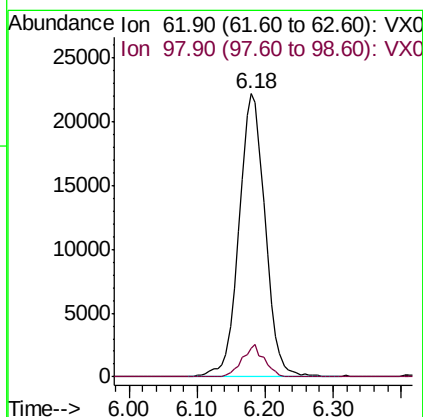
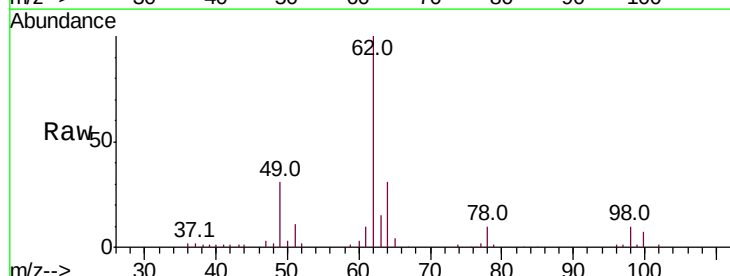
Instrument :
MSVOA_X
ClientSampleId :

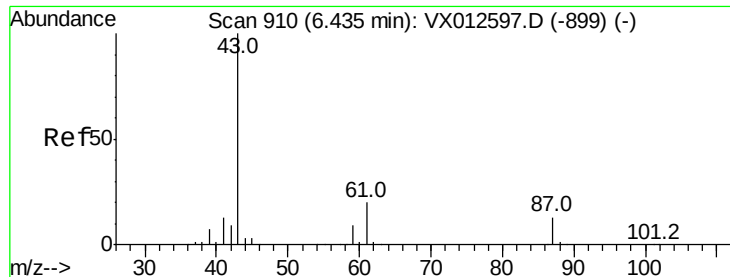
Tot Ion:	41	Resp:	34133
Ion	Ratio	Lower	Upper
41	100		
39	54.2	46.0	69.0
67	71.2	52.2	78.2
52	29.6	22.7	34.1



#42
1,2-Dichloroethane
Concen: 18.430 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Tgt Ion:	62	Resp:	59292
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	17.8





#43

Isopropyl Acetate

Concen: 17.677 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

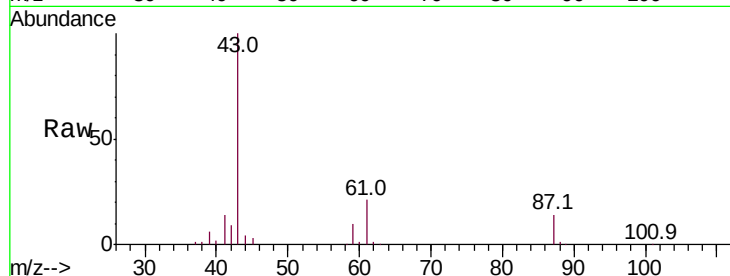
Tot Ion: 43 Resp: 99515

Ion Ratio Lower Upper

43 100

61 20.8 15.4 23.0

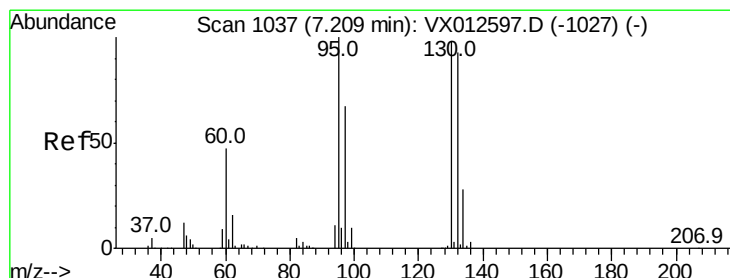
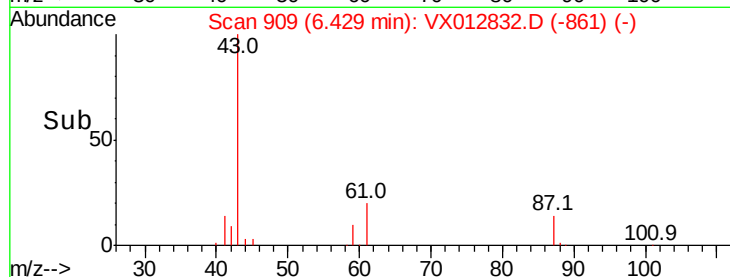
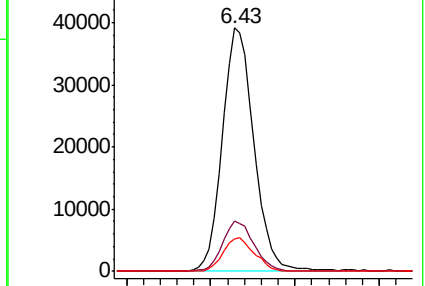
87 13.7 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.773 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX012832.D

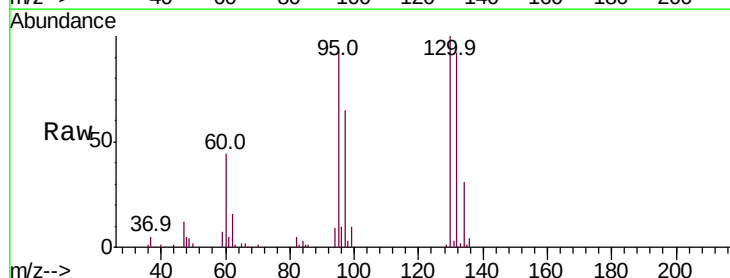
Acq: 07 Oct 2019 12:53

Tgt Ion:130 Resp: 42826

Ion Ratio Lower Upper

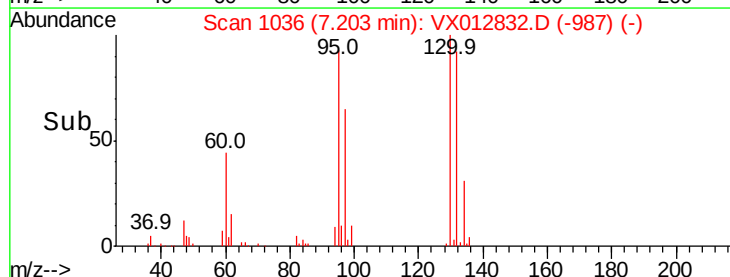
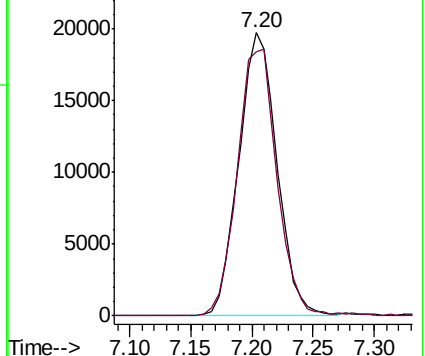
130 100

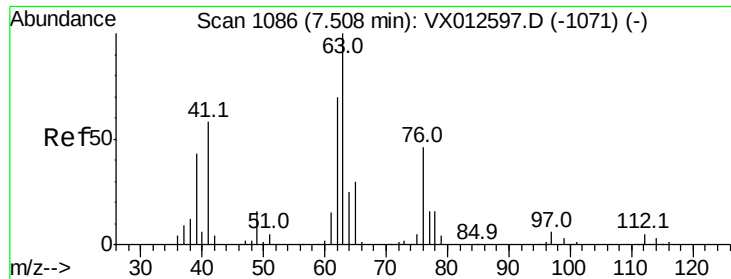
95 93.4 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

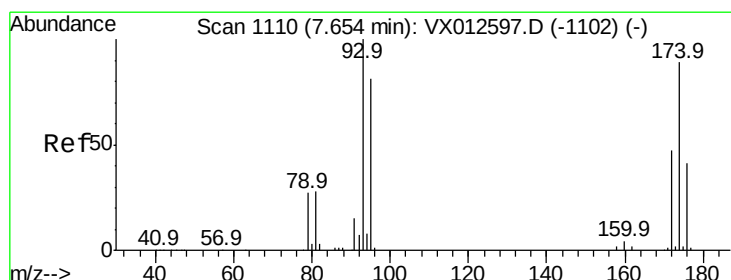
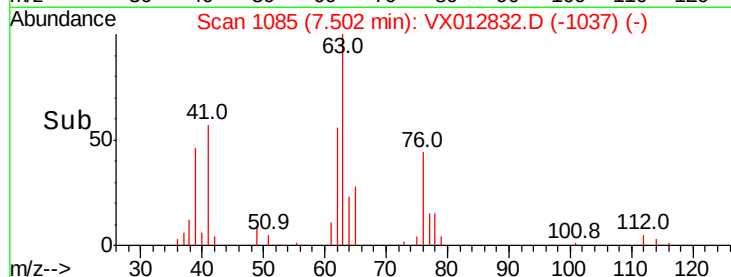
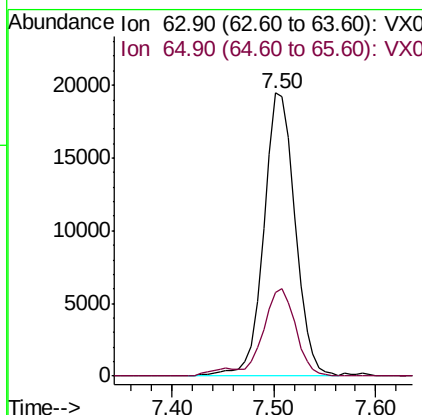
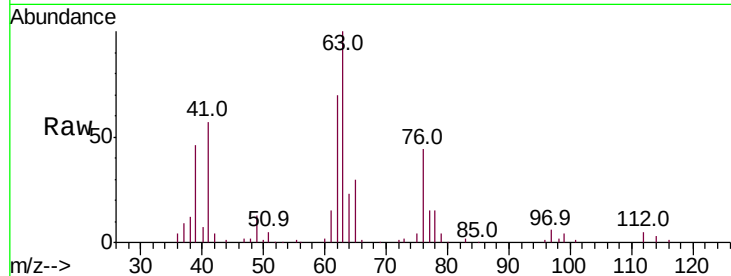




#45
 1,2-Dichloropropane
 Concen: 19.119 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

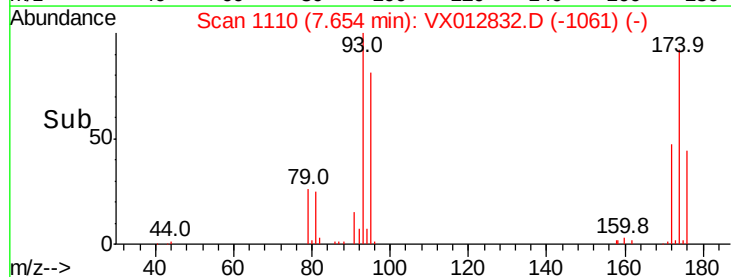
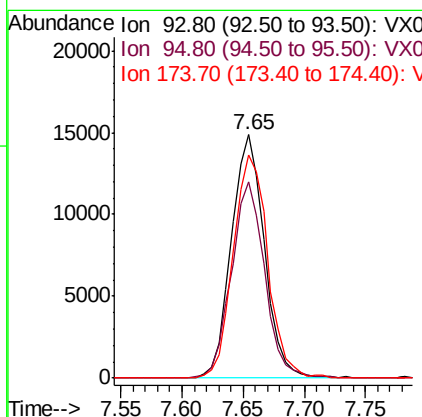
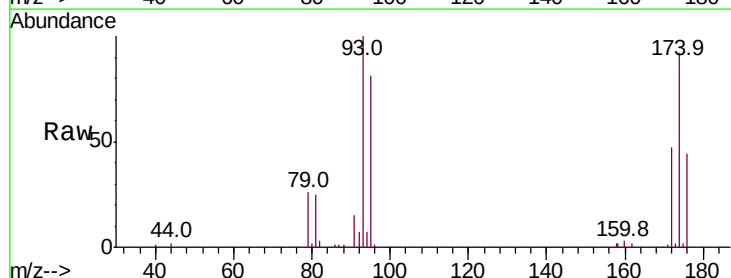
Instrument :
 MSVOA_X
 ClientSampleId :

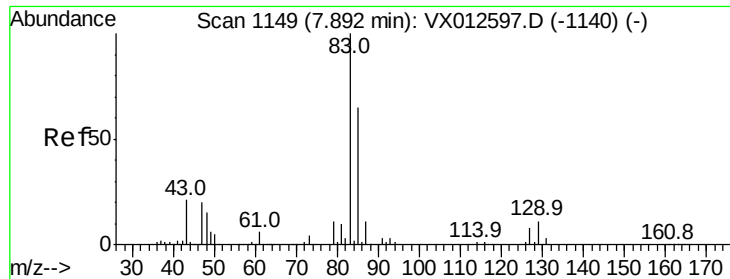
Tot Ion: 63 Resp: 41470
 Ion Ratio Lower Upper
 63 100
 65 29.7 25.0 37.6



#46
 Dibromomethane
 Concen: 18.805 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

Tgt Ion: 93 Resp: 27771
 Ion Ratio Lower Upper
 93 100
 95 81.7 66.6 100.0
 174 96.0 77.4 116.0





#47

Bromodichloromethane

Concen: 18.662 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

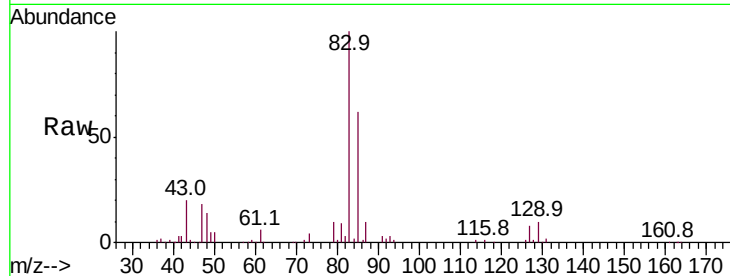
Tot Ion: 83 Resp: 55084

Ion Ratio Lower Upper

83 100

85 62.0 51.8 77.6

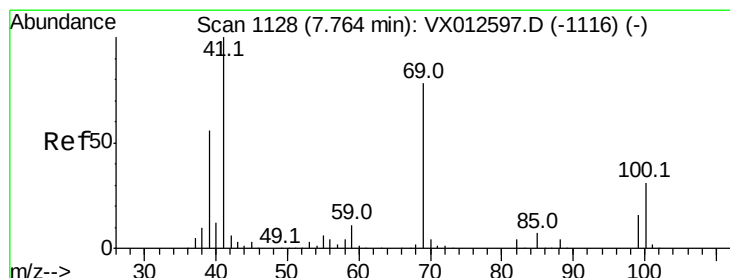
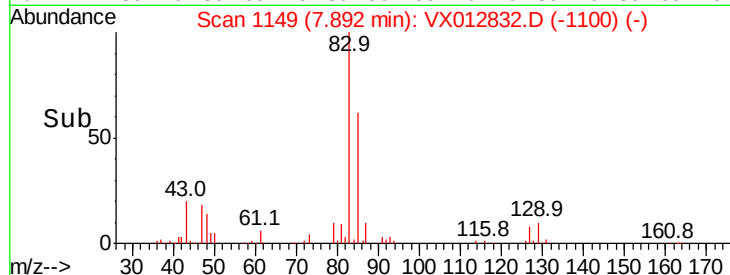
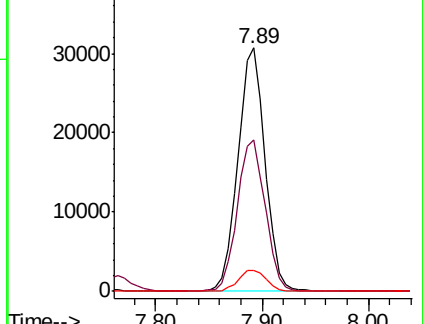
127 8.4 7.3 10.9



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: 17.764 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

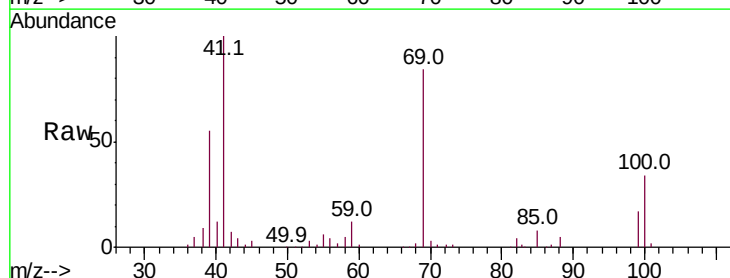
Tgt Ion: 41 Resp: 47951

Ion Ratio Lower Upper

41 100

69 84.1 59.9 89.9

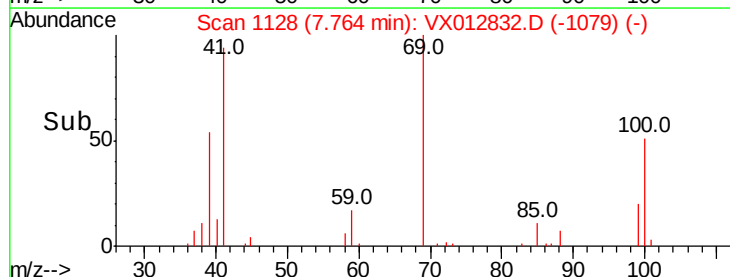
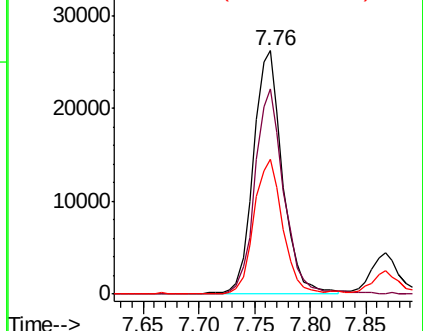
39 55.5 47.8 71.6

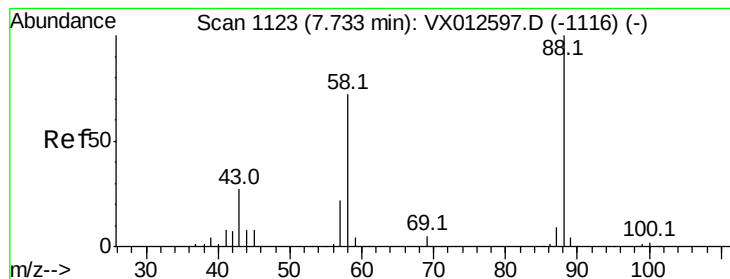


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 365.494 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

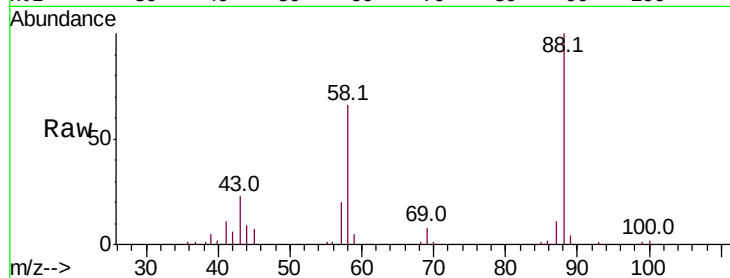
Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 22378

Ion	Ratio	Lower	Upper
88	100		
43	31.8	29.4	44.0
58	71.3	57.5	86.3

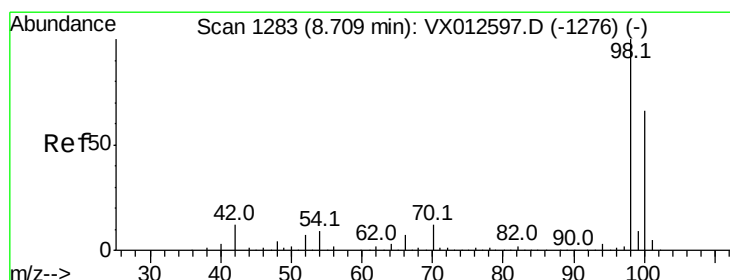
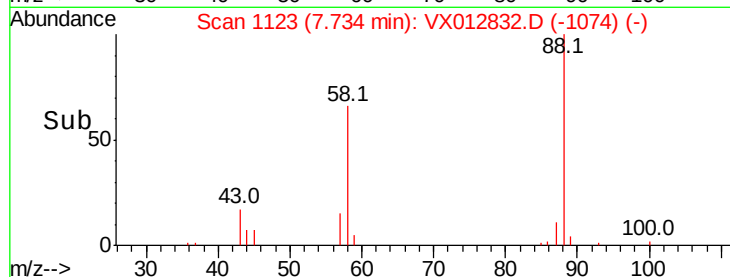
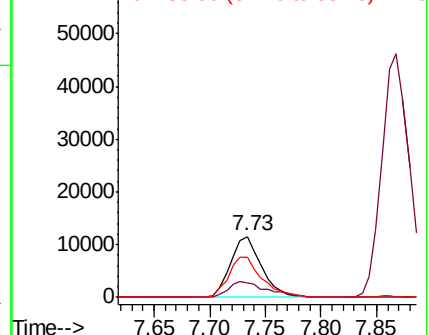


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.192 ug/l

RT: 8.71 min Scan# 1283

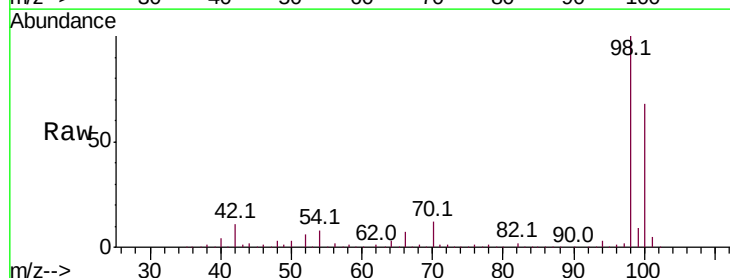
Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Tgt Ion: 98 Resp: 343882

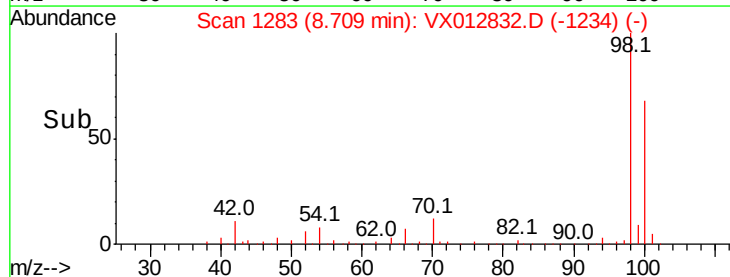
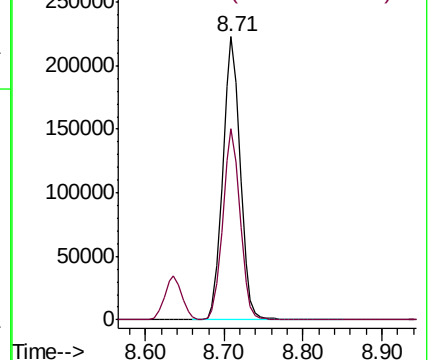
Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.4	80.2

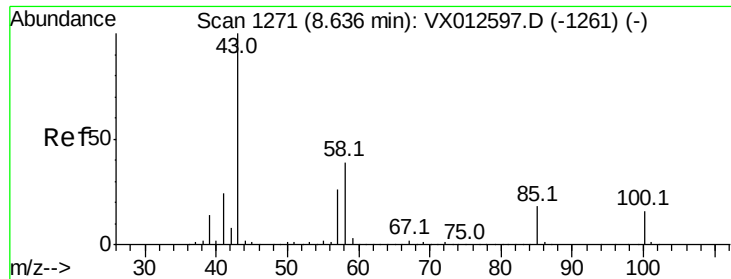


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 88.983 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

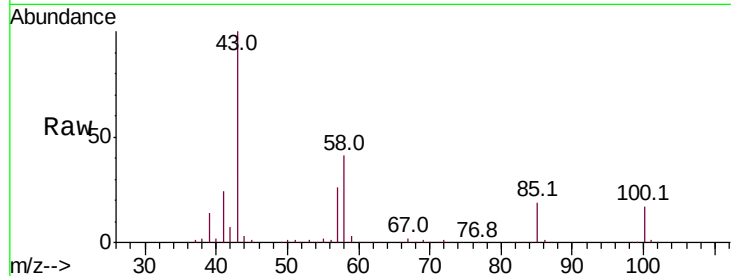
ClientSampleId :

Tot Ion: 43 Resp: 309221

Ion Ratio Lower Upper

43 100

58 40.3 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

200000

150000

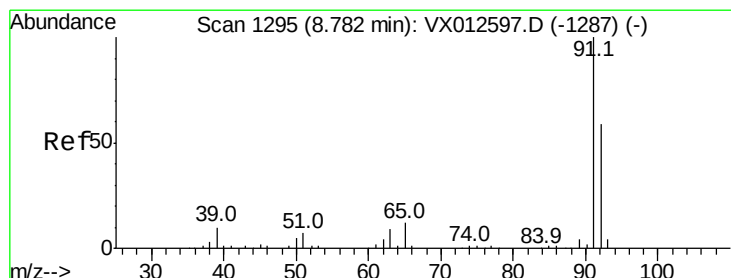
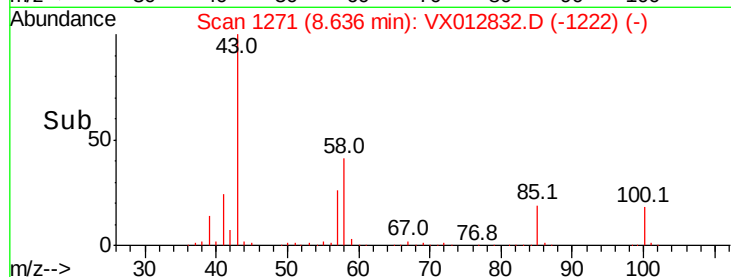
100000

50000

0

Time-->

8.55 8.60 8.65 8.70



#52

Toluene

Concen: 19.097 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012832.D

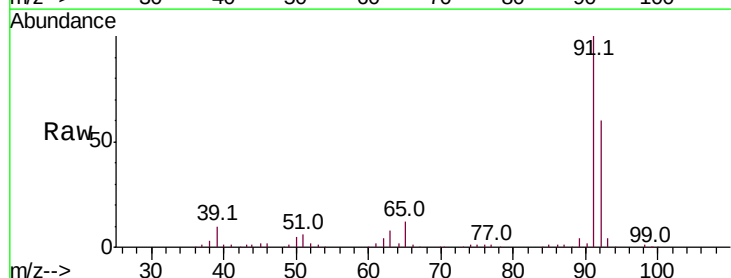
Acq: 07 Oct 2019 12:53

Tgt Ion: 92 Resp: 101688

Ion Ratio Lower Upper

92 100

91 168.2 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

120000

100000

80000

60000

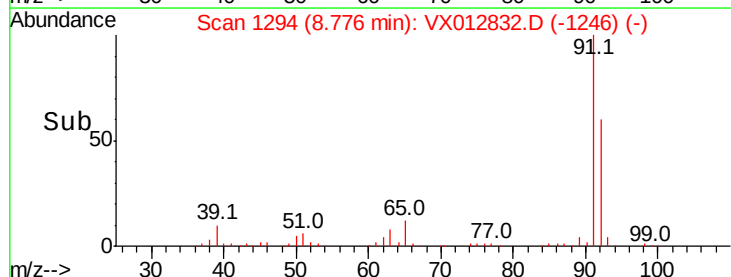
40000

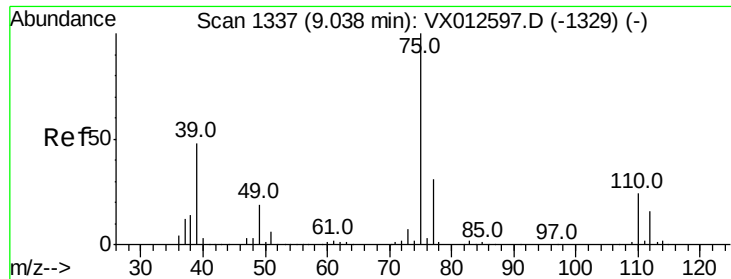
20000

0

Time-->

8.70 8.75 8.80 8.85





#53

t-1,3-Dichloropropene

Concen: 18.618 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

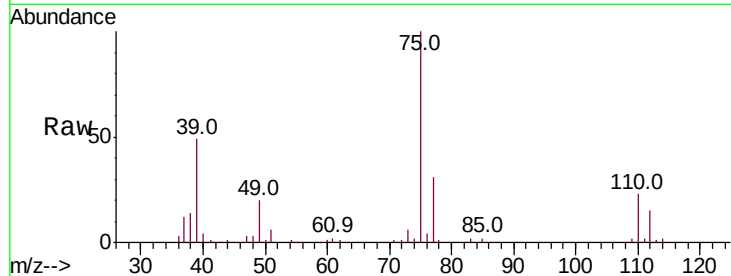
ClientSampleId :

Tot Ion: 75 Resp: 60800

Ion Ratio Lower Upper

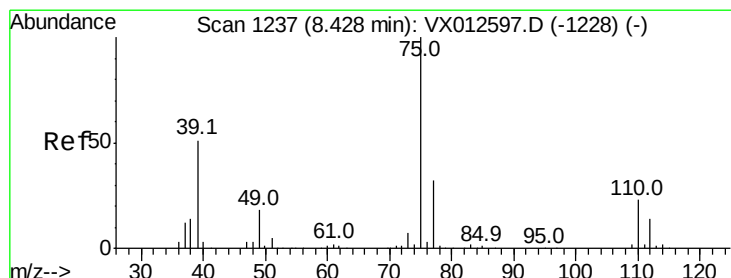
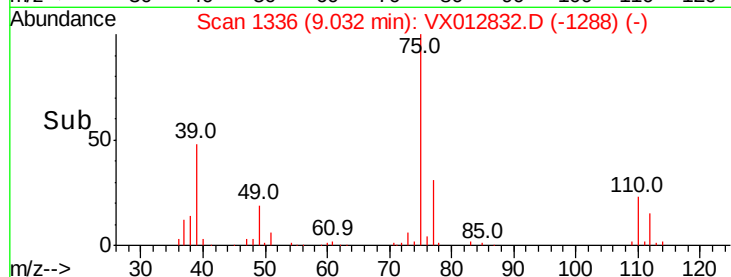
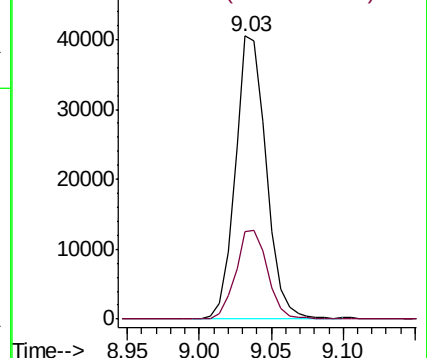
75 100

77 31.0 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.920 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

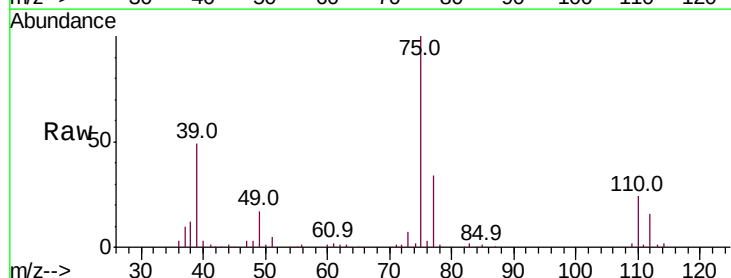
Tgt Ion: 75 Resp: 67462

Ion Ratio Lower Upper

75 100

77 33.7 25.8 38.8

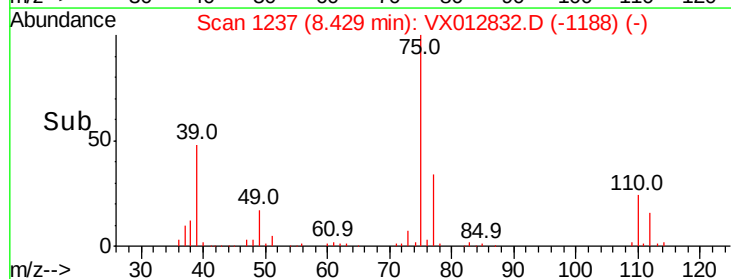
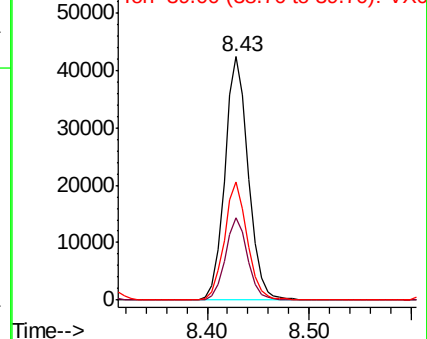
39 48.4 45.5 68.3

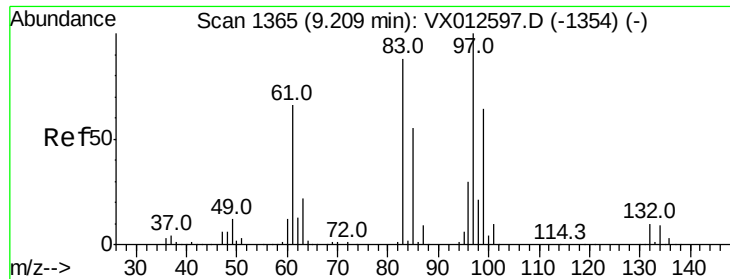


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



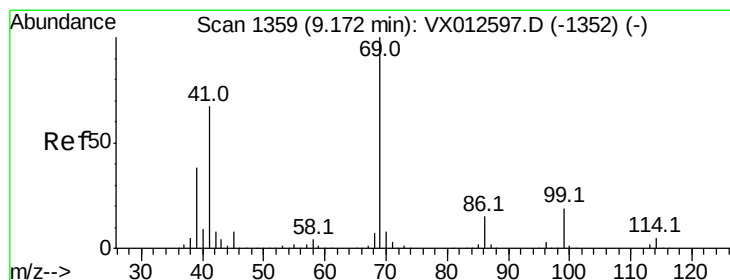
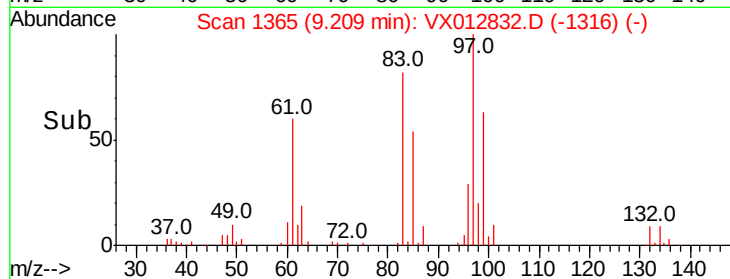
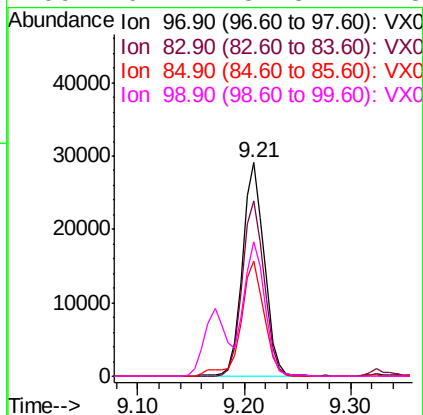
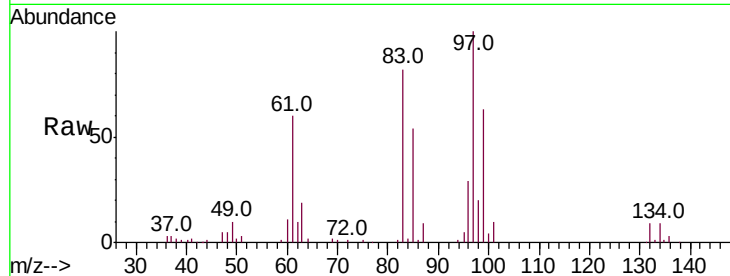


#55
 1,1,2-Trichloroethane
 Concen: 19.845 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 42011

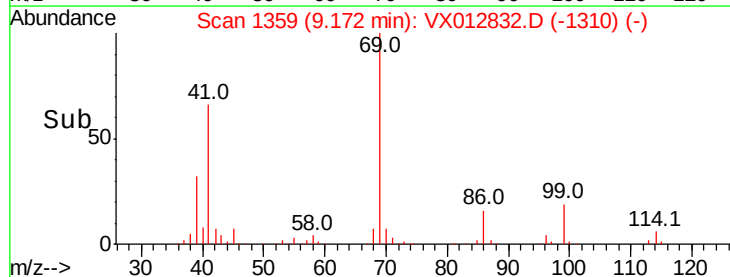
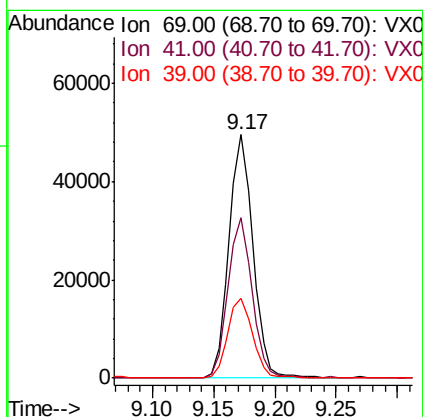
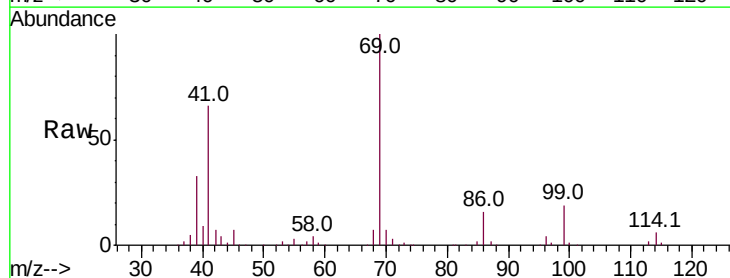
Ion	Ratio	Lower	Upper
97	100		
83	82.0	67.4	101.2
85	54.0	43.5	65.3
99	62.7	51.8	77.8

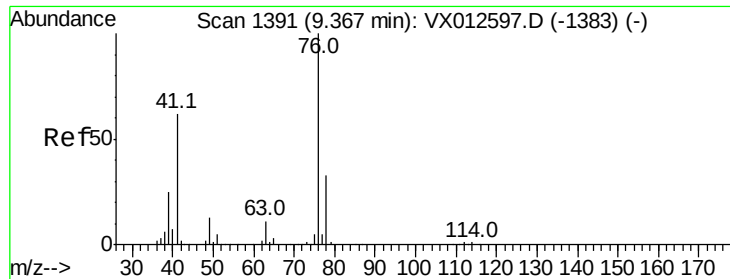


#56
 Ethyl methacrylate
 Concen: 18.965 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

Tgt Ion: 69 Resp: 67451

Ion	Ratio	Lower	Upper
69	100		
41	66.4	58.4	87.6
39	34.8	33.4	50.0





#57

1,3-Dichloropropane

Concen: 19.353 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

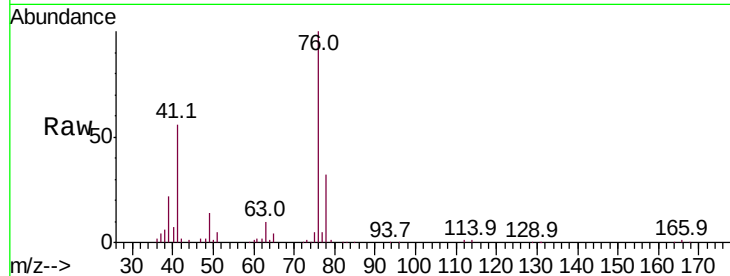
ClientSampleId :

Tot Ion: 76 Resp: 71706

Ion Ratio Lower Upper

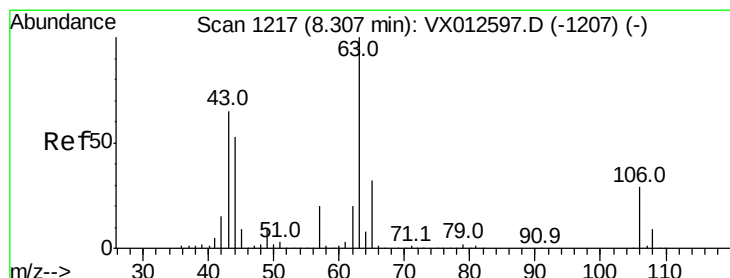
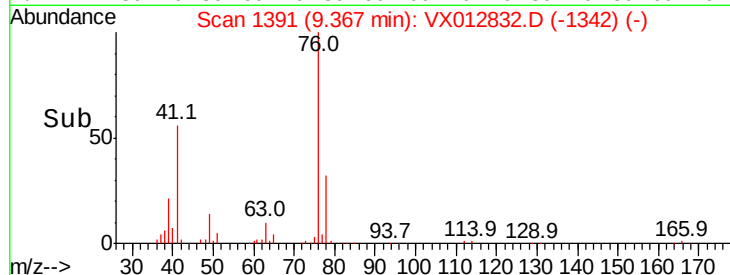
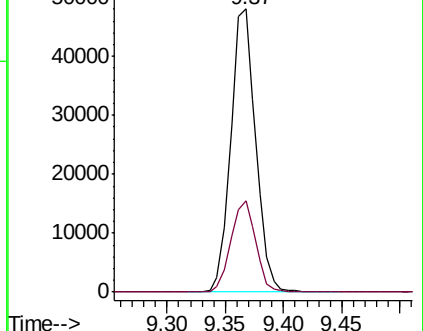
76 100

78 32.2 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 93.313 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012832.D

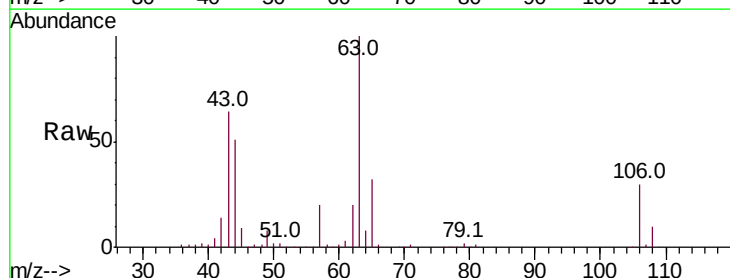
Acq: 07 Oct 2019 12:53

Tgt Ion: 63 Resp: 148969

Ion Ratio Lower Upper

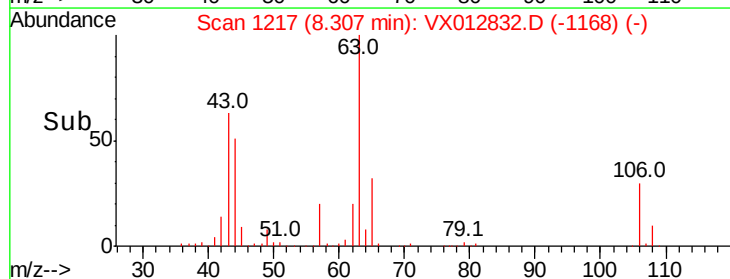
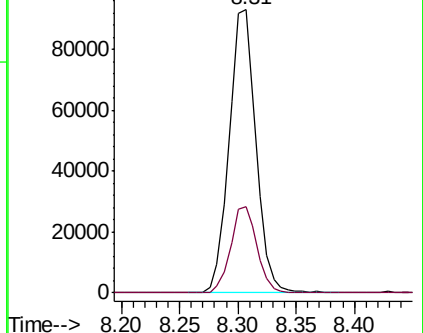
63 100

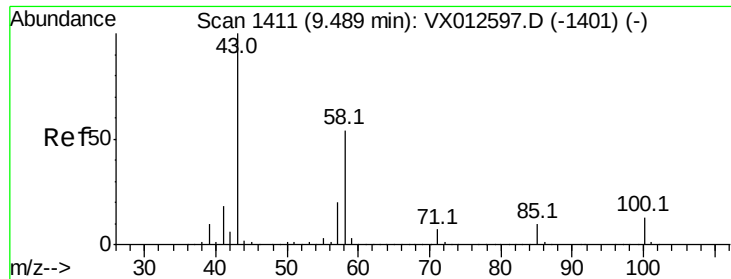
106 30.1 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

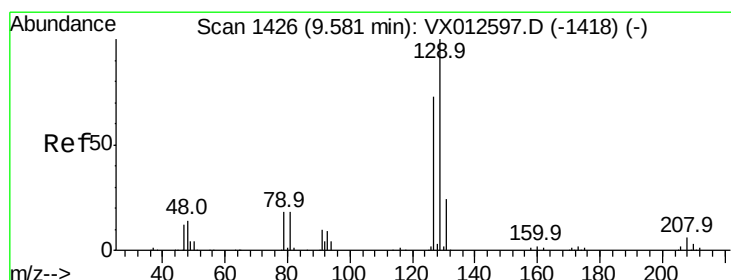
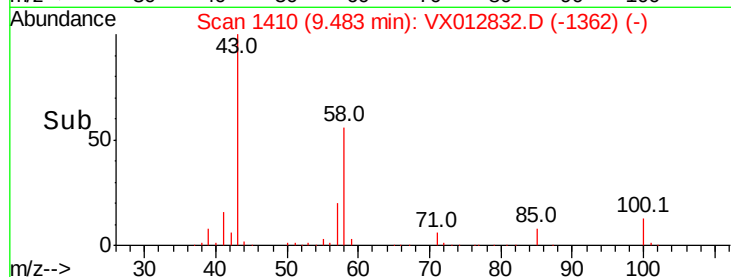
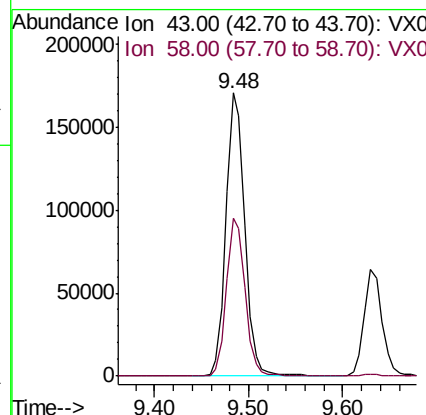
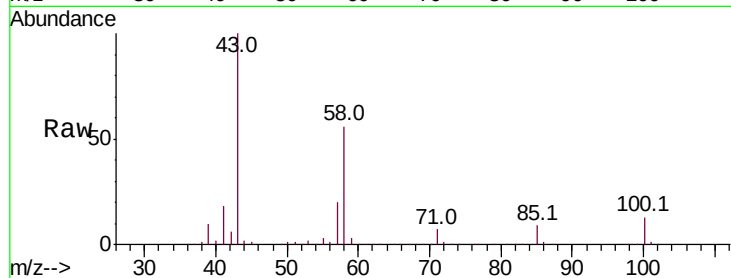




#59
2-Hexanone
Concen: 88.586 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

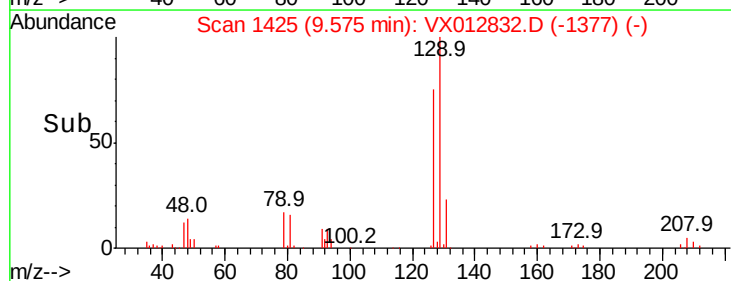
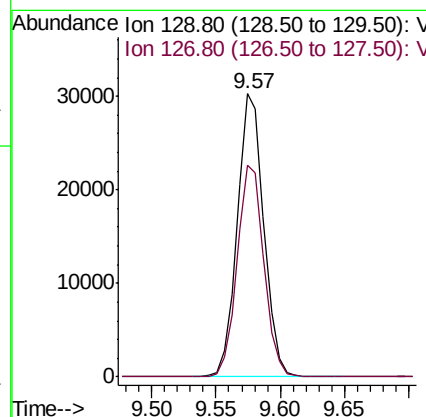
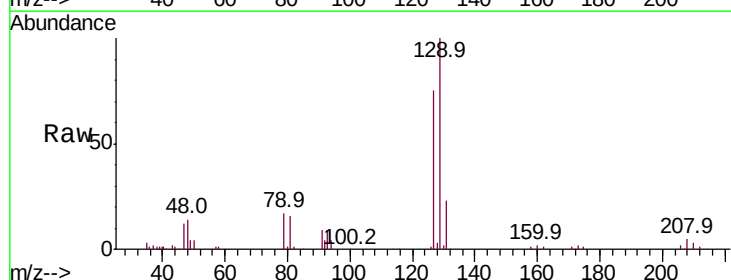
Instrument :
MSVOA_X
ClientSampleId :

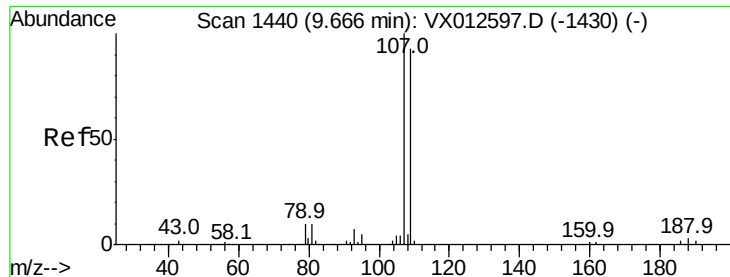
Tot Ion: 43 Resp: 235636
Ion Ratio Lower Upper
43 100
58 56.0 25.7 77.1



#60
Dibromochloromethane
Concen: 20.253 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Tgt Ion: 129 Resp: 43403
Ion Ratio Lower Upper
129 100
127 75.4 38.9 116.6





#61

1,2-Dibromoethane

Concen: 19.590 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

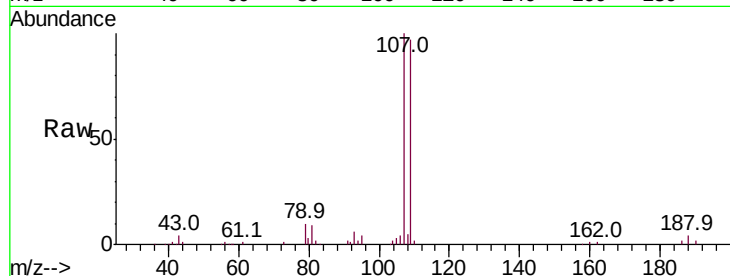
ClientSampleId :

Tot Ion:107 Resp: 43160

Ion Ratio Lower Upper

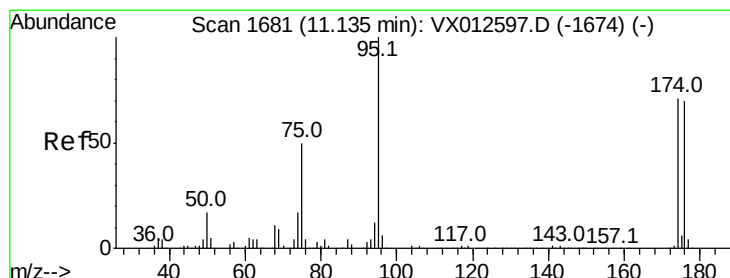
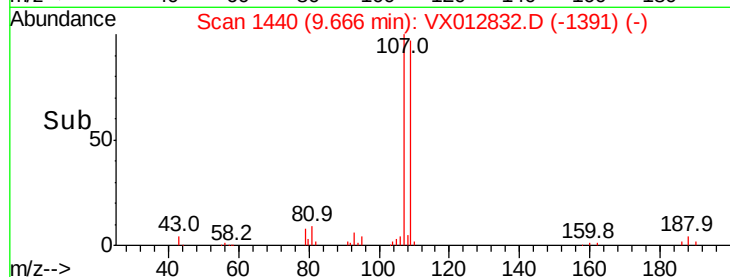
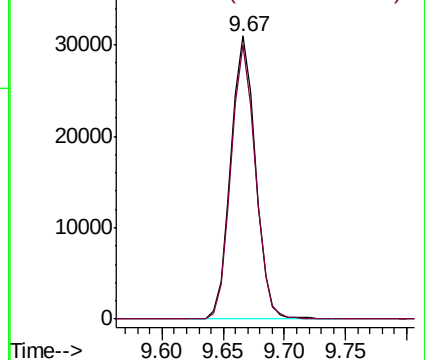
107 100

109 95.9 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.828 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

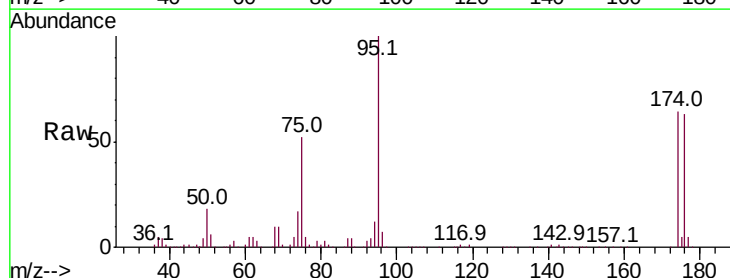
Tgt Ion: 95 Resp: 131541

Ion Ratio Lower Upper

95 100

174 72.5 0.0 140.0

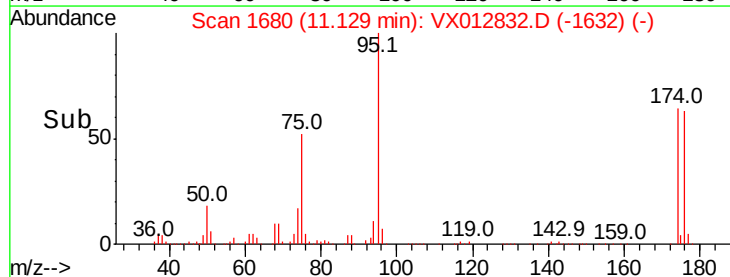
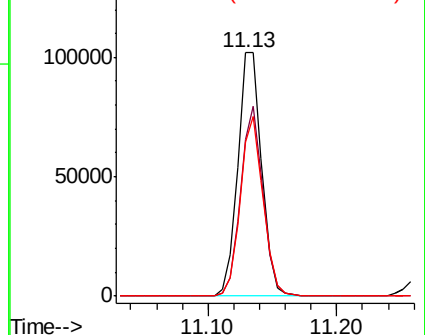
176 70.1 0.0 135.4

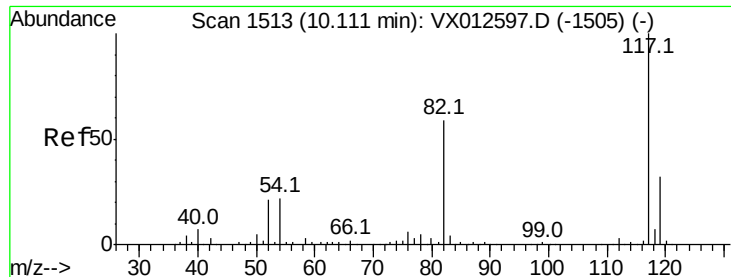


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

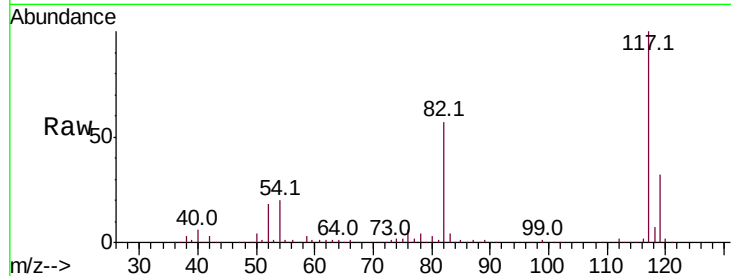




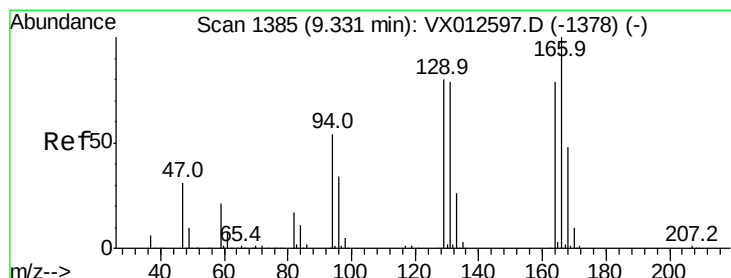
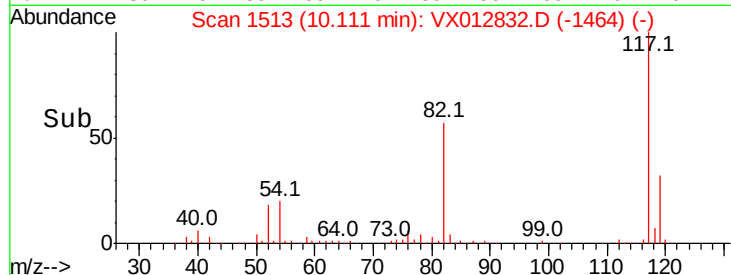
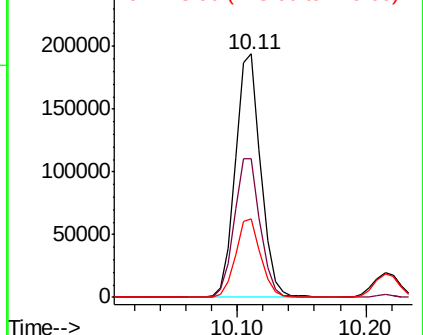
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 265922
Ion Ratio Lower Upper
117 100
82 56.9 45.9 68.9
119 32.5 25.3 37.9

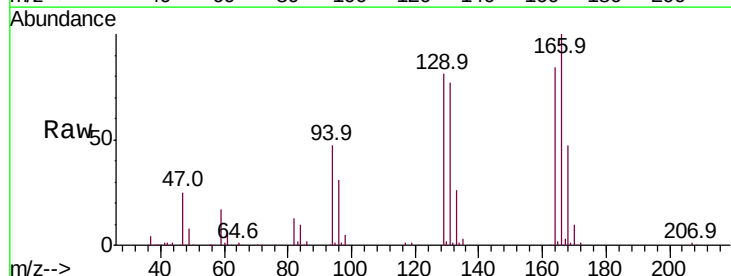


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

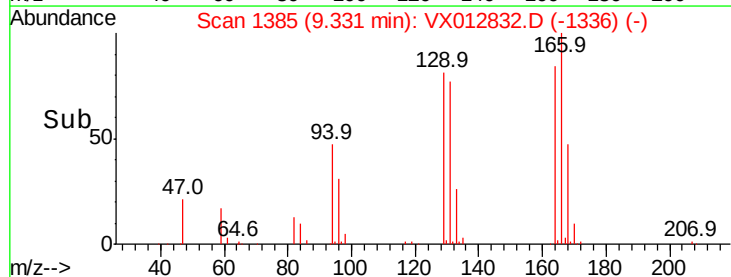
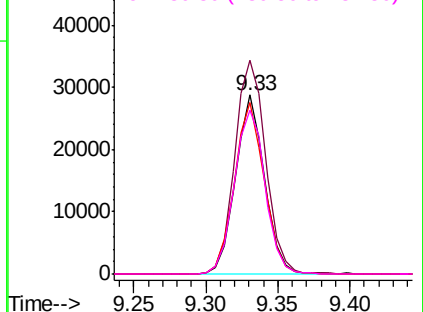


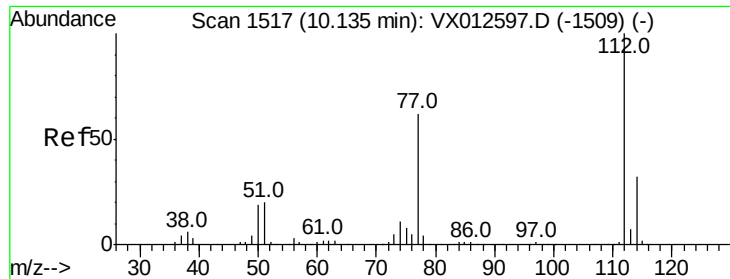
#64
Tetrachloroethene
Concen: 21.718 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Tgt Ion:164 Resp: 40266
Ion Ratio Lower Upper
164 100
166 119.3 107.8 161.6
129 96.1 86.2 129.2
131 91.5 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

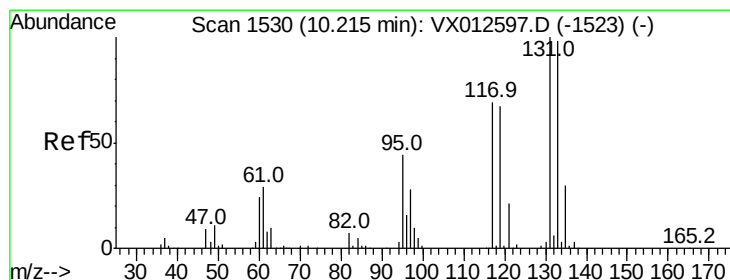
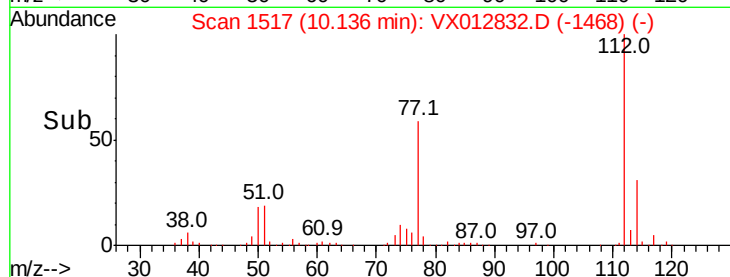
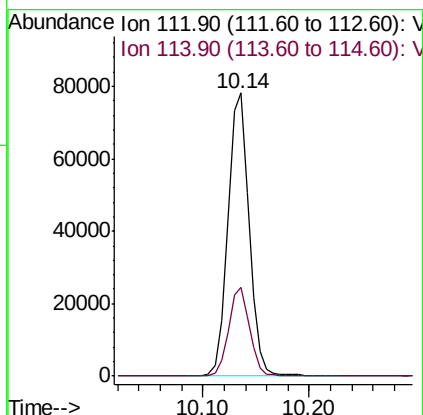
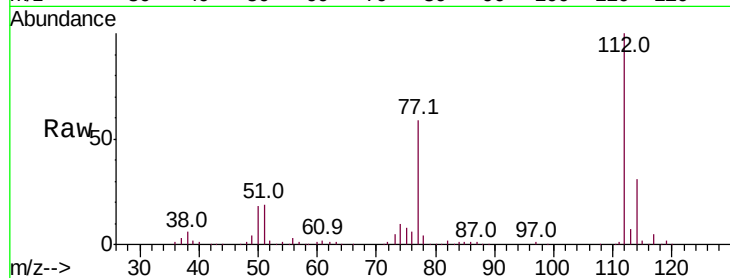




#65
Chlorobenzene
Concen: 19.478 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

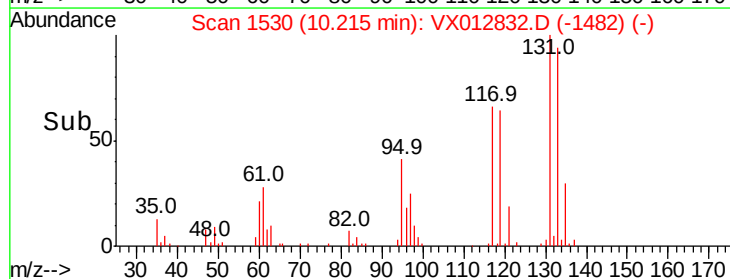
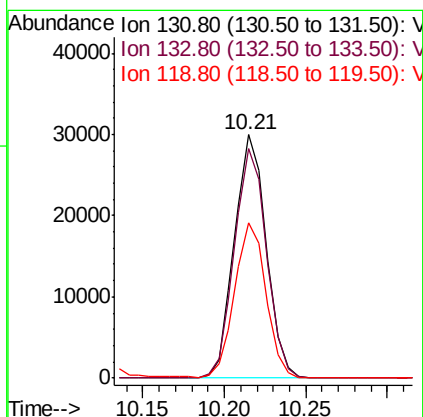
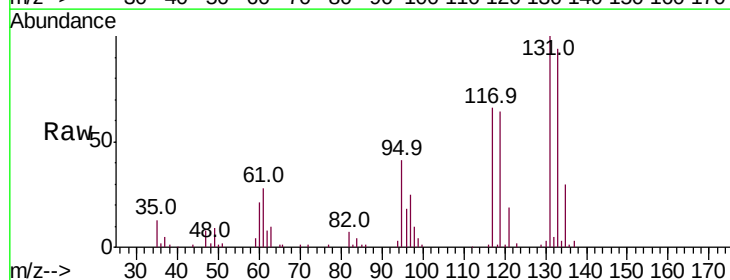
Instrument :
MSVOA_X
ClientSampleId :

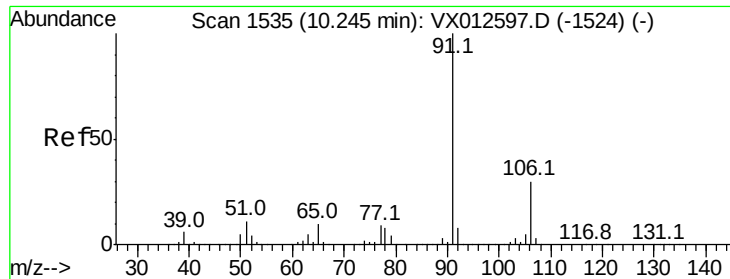
Tot Ion:112 Resp: 109074
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.084 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Tgt Ion:131 Resp: 40748
Ion Ratio Lower Upper
131 100
133 95.5 47.6 142.9
119 63.0 31.3 93.8

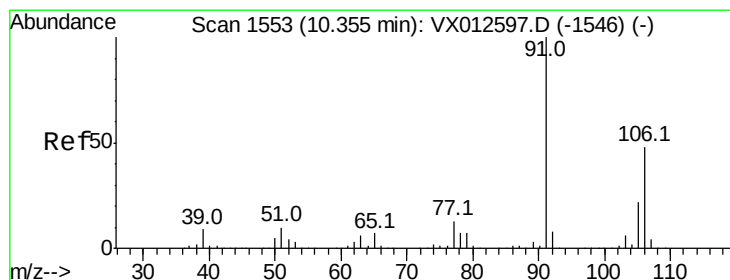
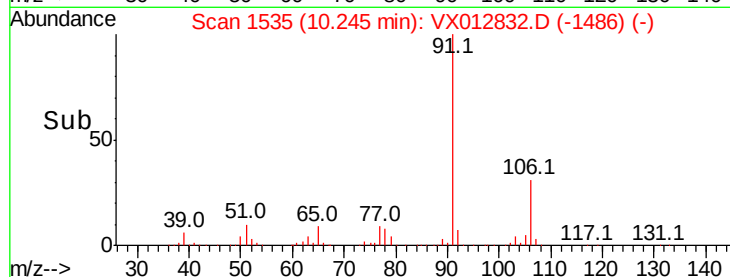
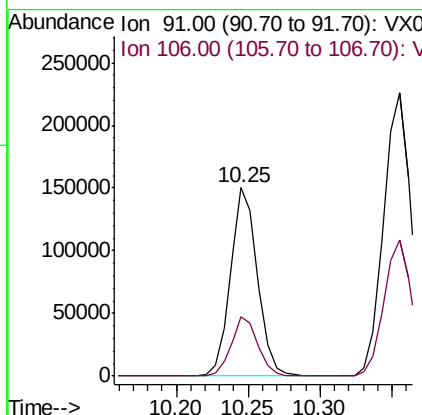
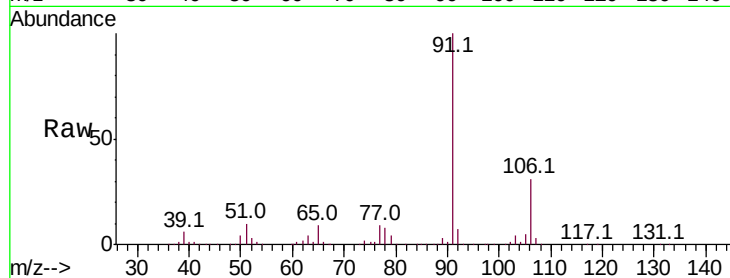




#67
Ethyl Benzene
Concen: 19.423 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

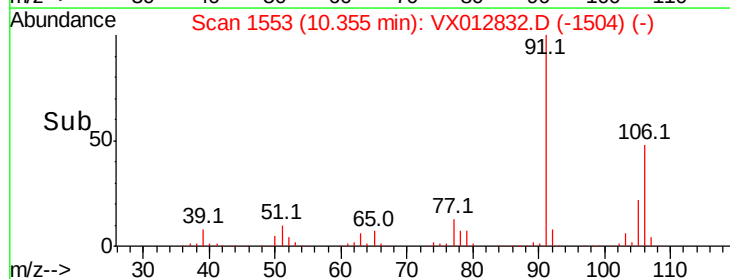
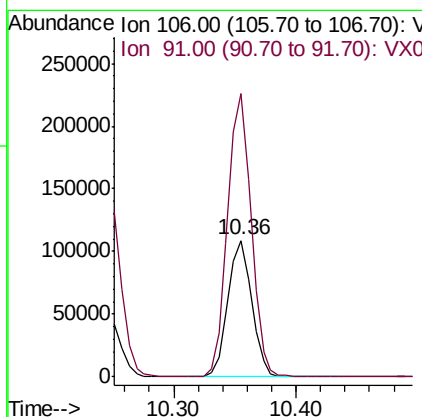
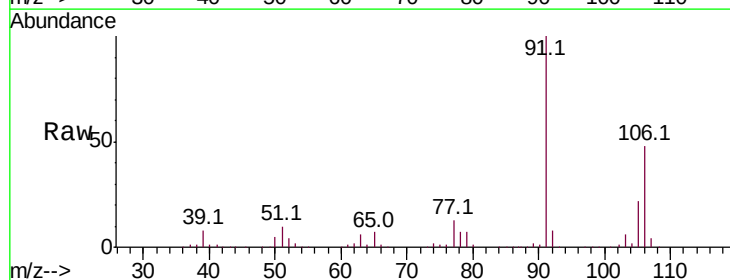
Instrument :
MSVOA_X
ClientSampled :

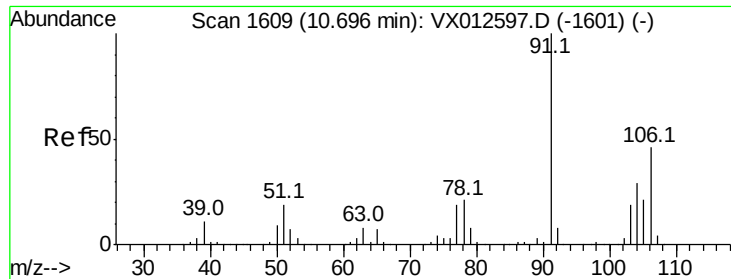
Tot Ion: 91 Resp: 197266
Ion Ratio Lower Upper
91 100
106 31.4 24.6 37.0



#68
m/p-Xylenes
Concen: 38.673 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Tgt Ion: 106 Resp: 147137
Ion Ratio Lower Upper
106 100
91 205.7 166.6 250.0

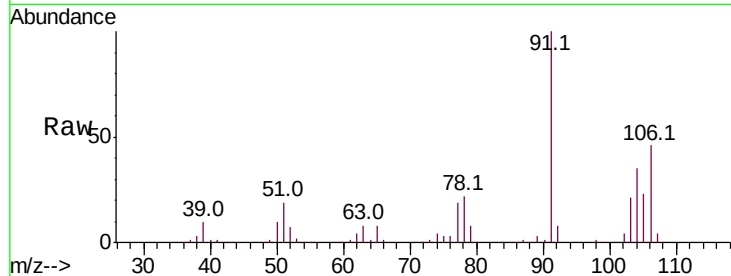




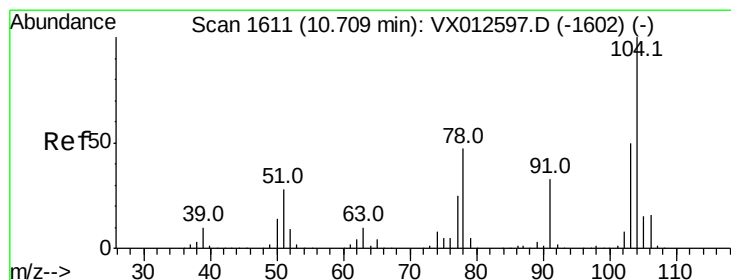
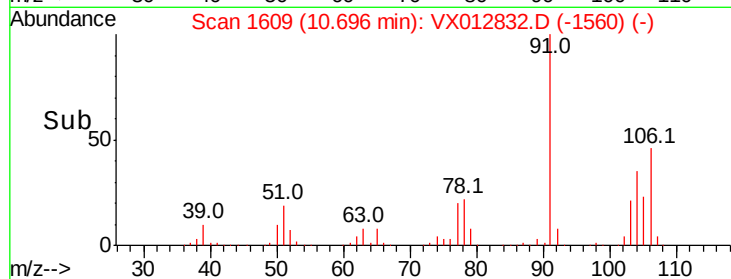
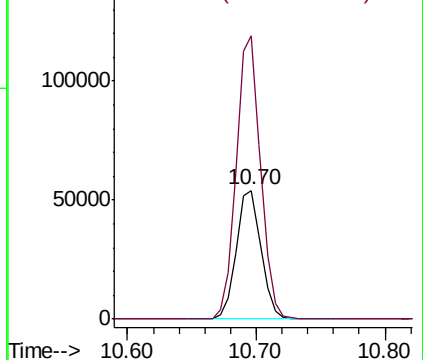
#69
o-Xylene
Concen: 19.572 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 72054
Ion Ratio Lower Upper
106 100
91 217.0 109.4 328.2

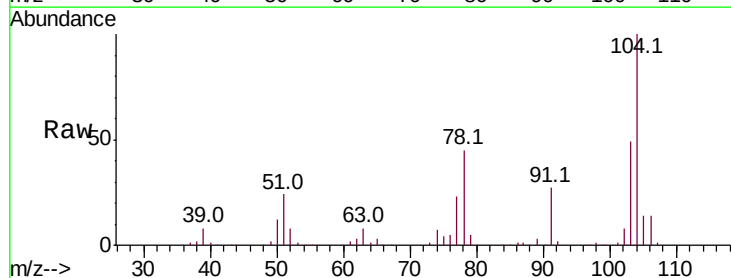


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

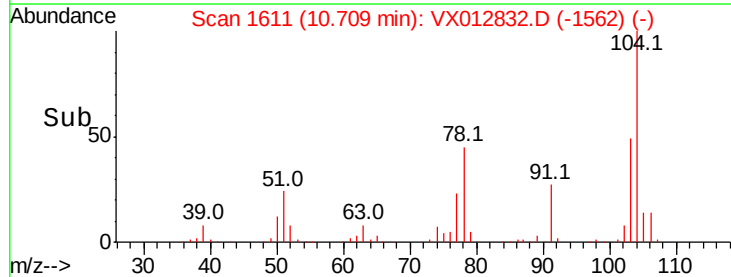
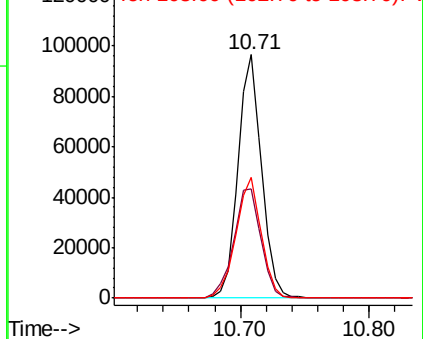


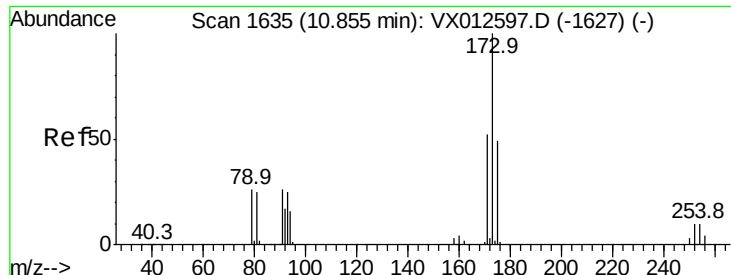
#70
Styrene
Concen: 19.918 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Tgt Ion:104 Resp: 122928
Ion Ratio Lower Upper
104 100
78 52.4 43.4 65.2
103 53.3 43.3 64.9



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





#71

Bromoform

Concen: 19.570 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

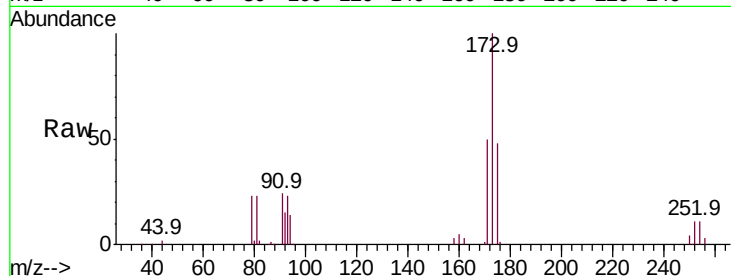
Tot Ion:173 Resp: 27647

Ion Ratio Lower Upper

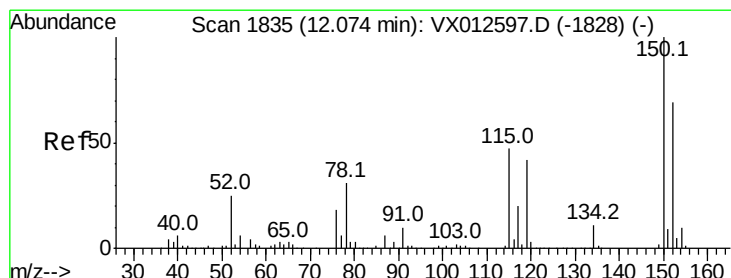
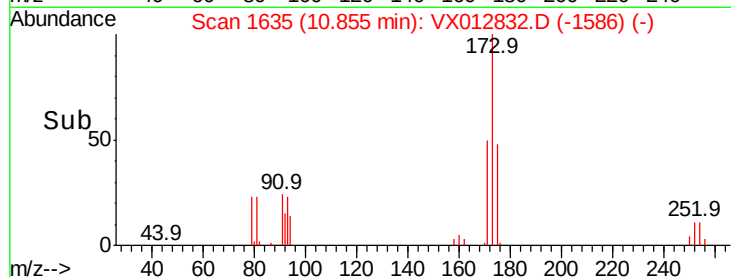
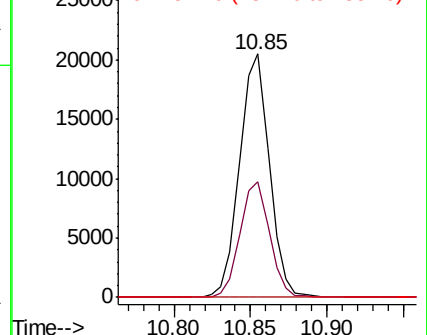
173 100

175 47.2 23.7 71.1

254 0.0 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: VX012832.D

Acq: 07 Oct 2019 12:53

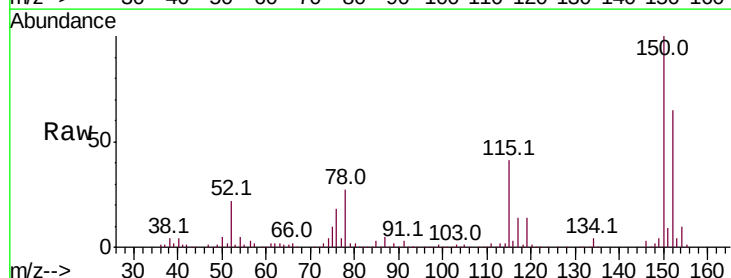
Tgt Ion:152 Resp: 125055

Ion Ratio Lower Upper

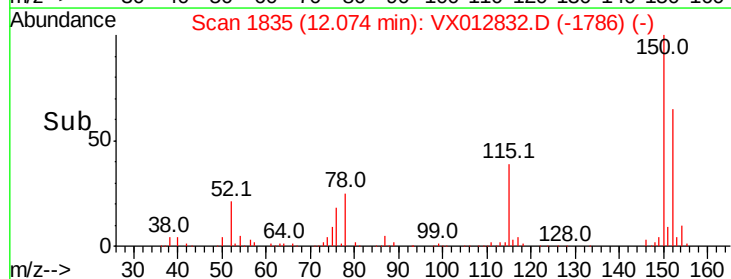
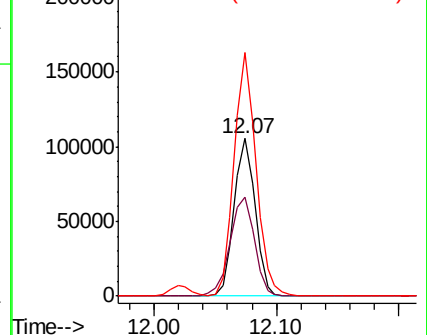
152 100

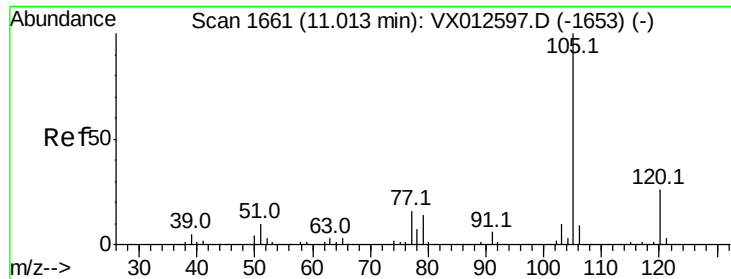
115 72.8 44.1 132.3

150 160.4 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: 19.167 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

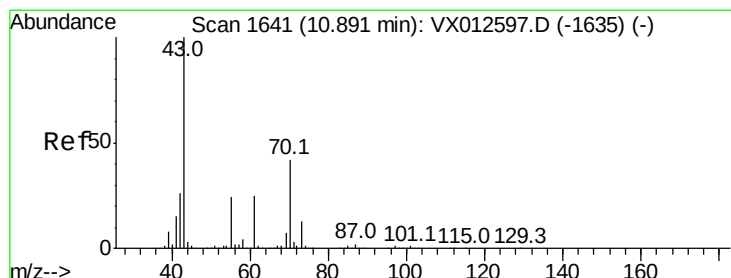
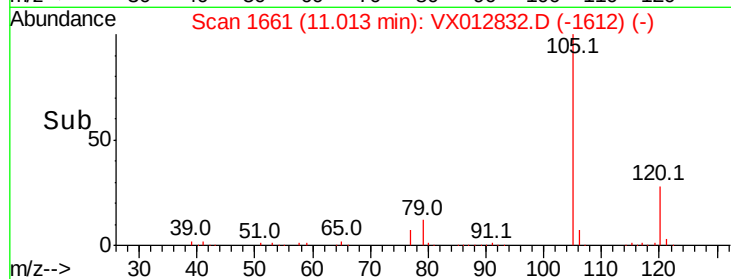
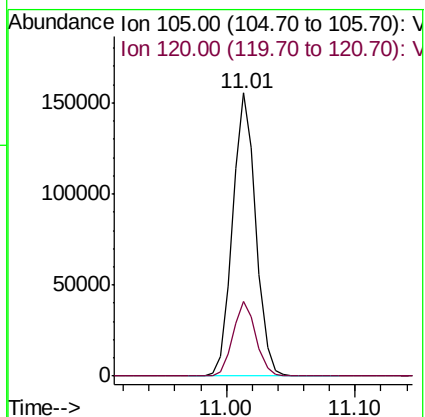
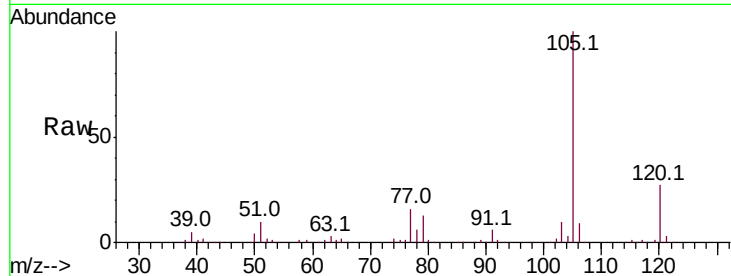
ClientSampleId :

Tot Ion:105 Resp: 195225

Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.7



#74

N-ethyl acetate

Concen: 16.963 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Tgt Ion: 43 Resp: 82426

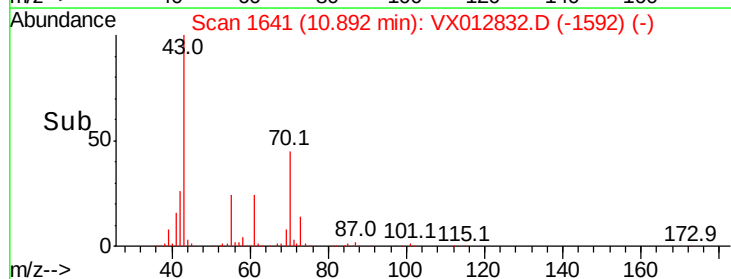
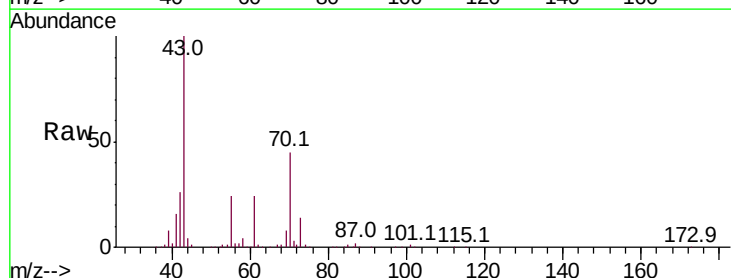
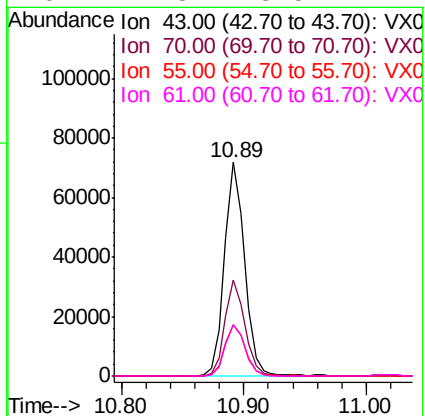
Ion Ratio Lower Upper

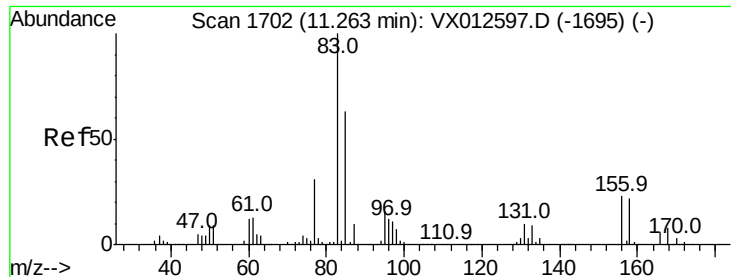
43 100

70 44.5 32.4 48.6

55 24.3 18.2 27.4

61 24.3 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 17.917 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

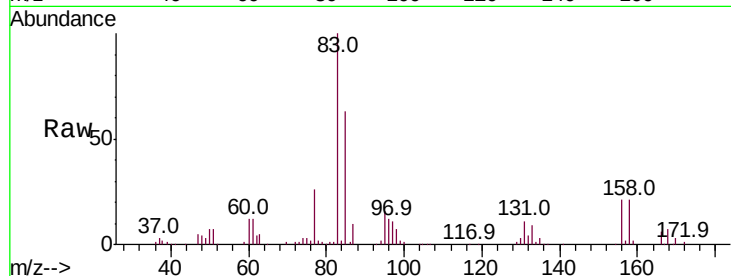
Tot Ion: 83 Resp: 60438

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

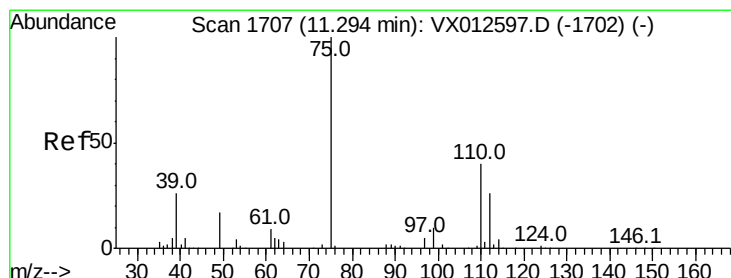
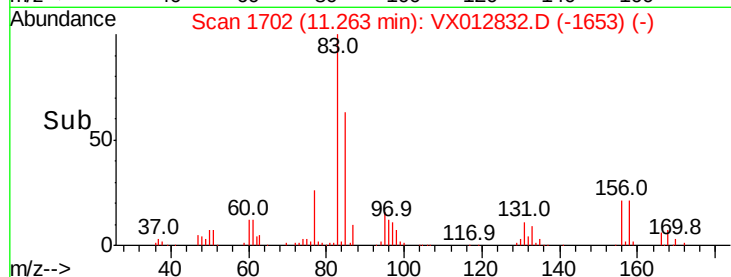
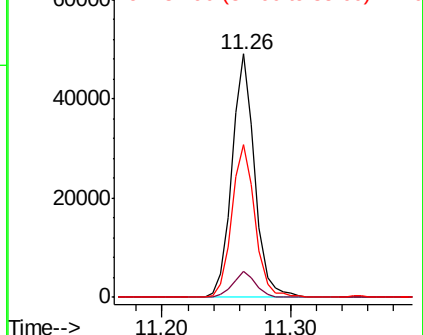
85 64.2 32.0 96.0



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: 21.215 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012832.D

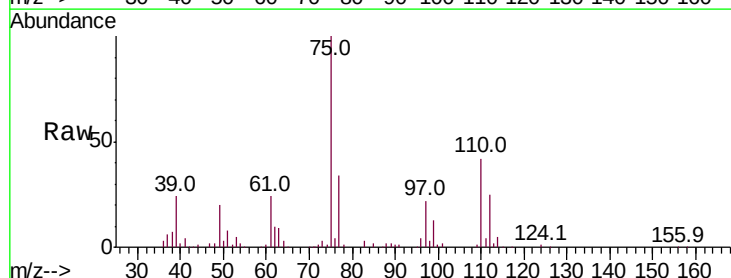
Acq: 07 Oct 2019 12:53

Tgt Ion: 75 Resp: 70181

Ion Ratio Lower Upper

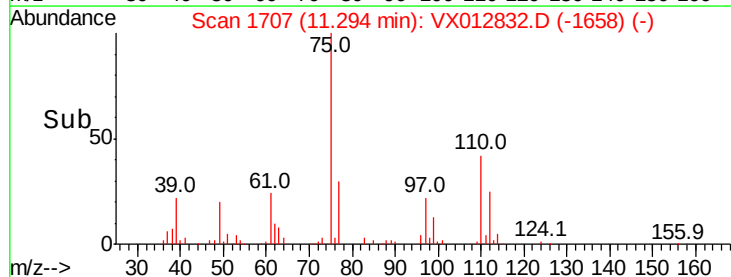
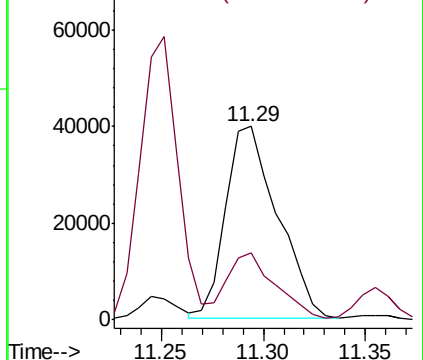
75 100

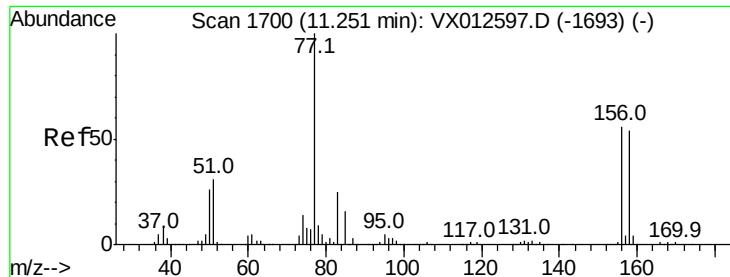
77 31.6 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.560 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

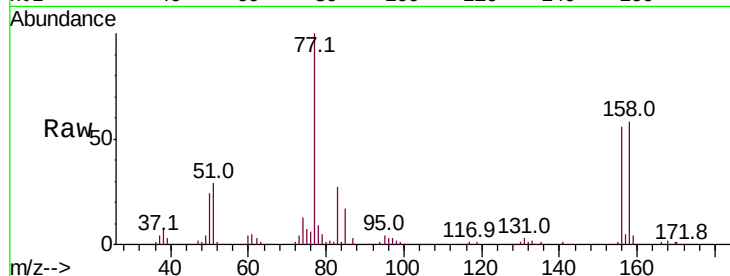
Tot Ion:156 Resp: 42785

Ion Ratio Lower Upper

156 100

77 178.0 87.3 261.8

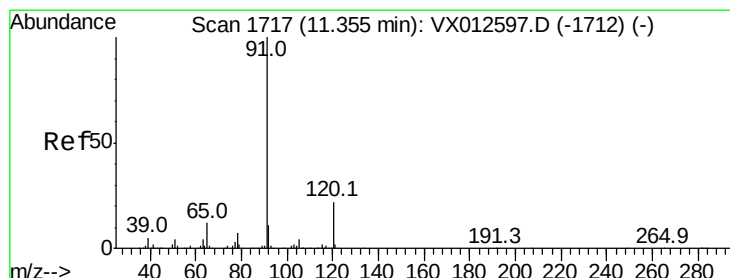
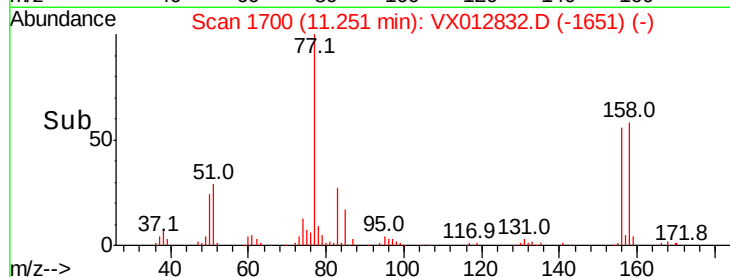
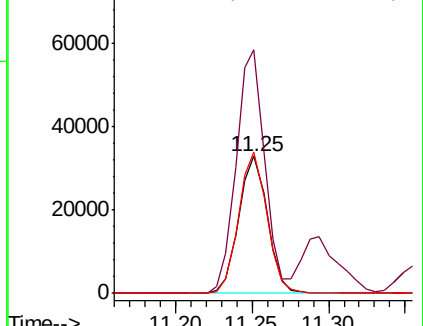
158 101.4 48.5 145.6



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: 18.081 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012832.D

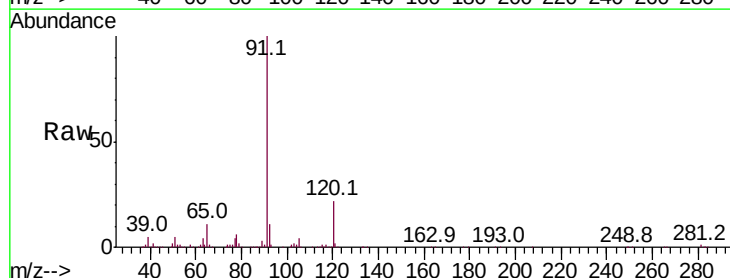
Acq: 07 Oct 2019 12:53

Tgt Ion: 91 Resp: 207336

Ion Ratio Lower Upper

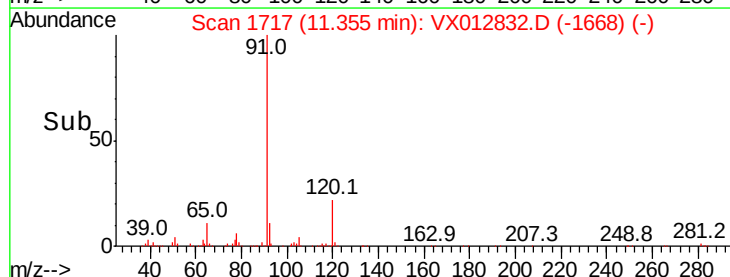
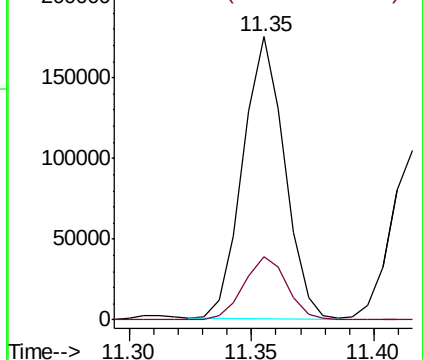
91 100

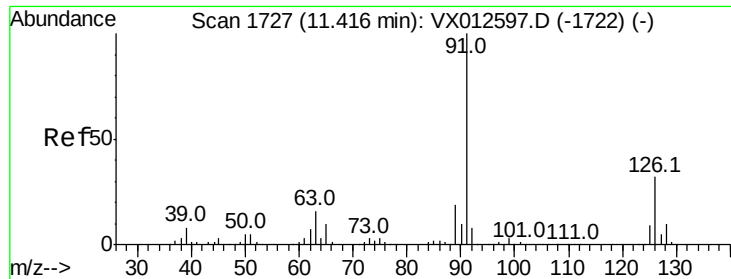
120 22.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

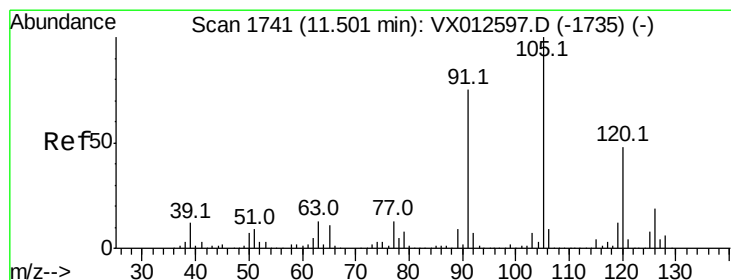
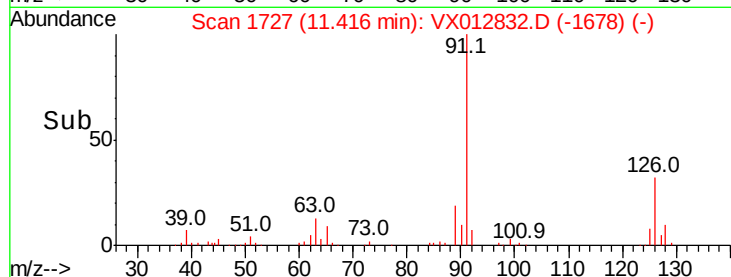
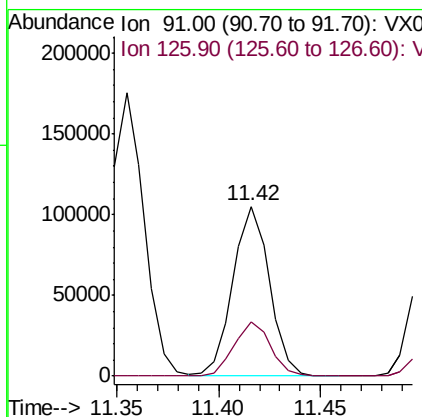
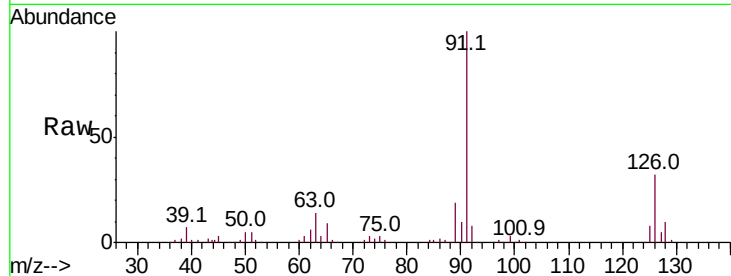




#79
 2-Chlorotoluene
 Concen: 18.132 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

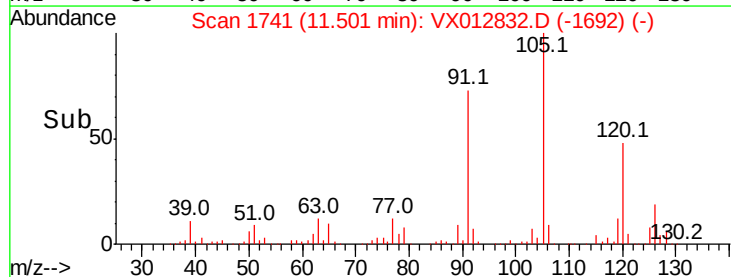
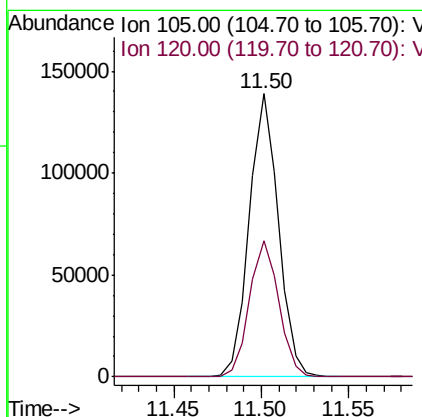
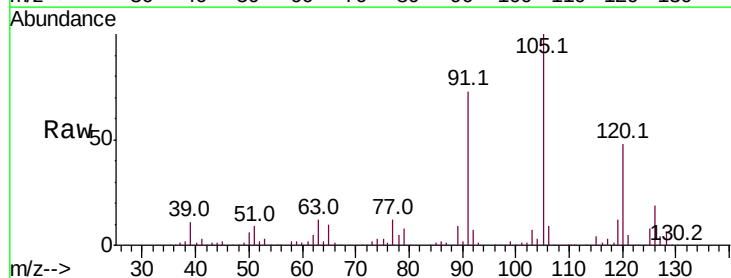
Instrument :
 MSVOA_X
 ClientSampleId :

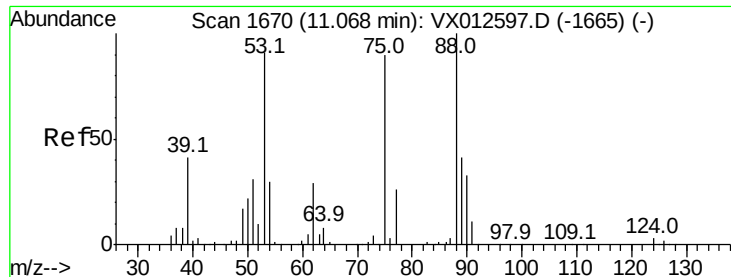
Tot Ion: 91 Resp: 129706
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 18.854 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

Tgt Ion: 105 Resp: 161040
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.614 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

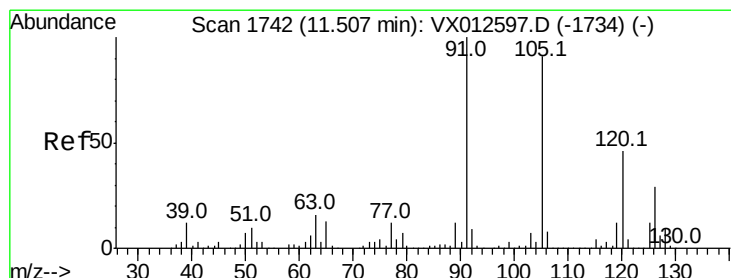
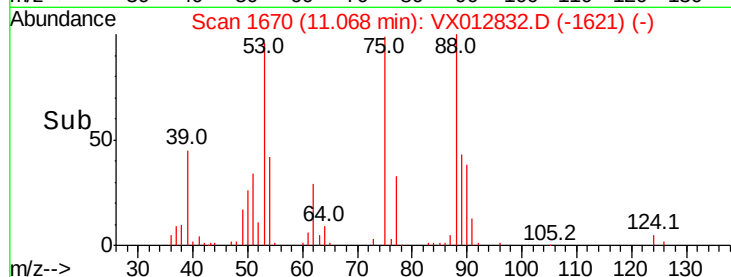
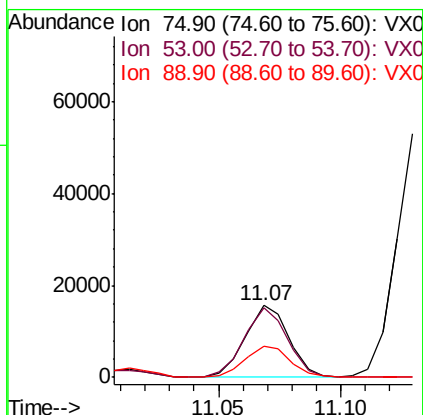
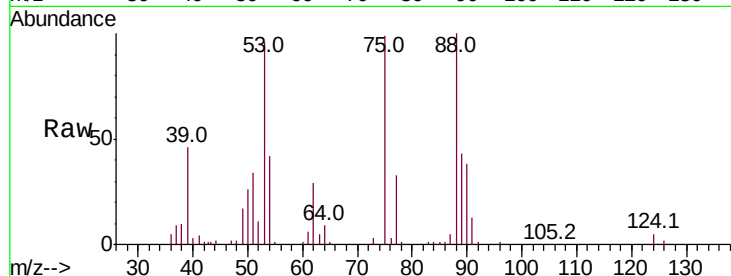
Tot Ion: 75 Resp: 19178

Ion Ratio Lower Upper

75 100

53 97.7 83.6 125.4

89 44.9 36.3 54.5



#82

4-Chlorotoluene

Concen: 18.514 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012832.D

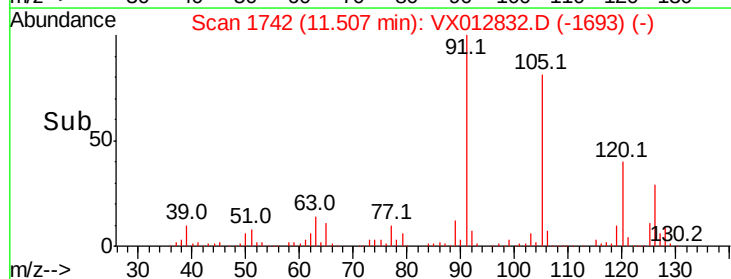
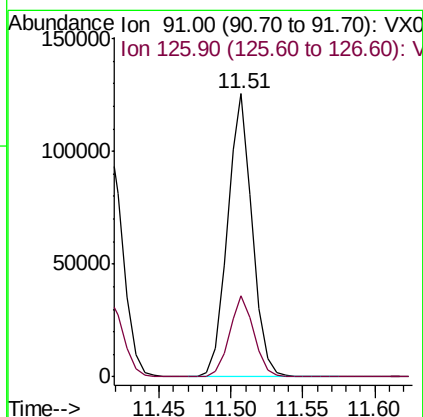
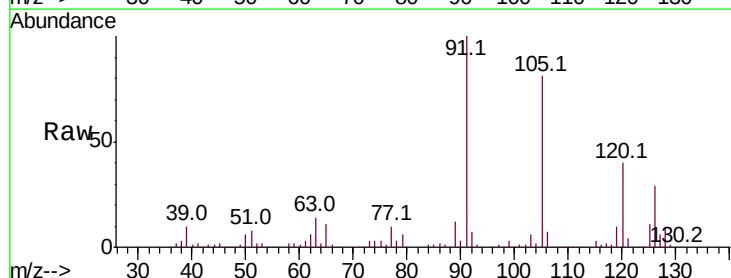
Acq: 07 Oct 2019 12:53

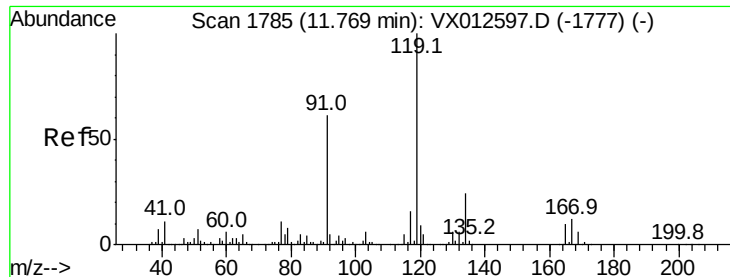
Tgt Ion: 91 Resp: 150973

Ion Ratio Lower Upper

91 100

126 28.6 14.4 43.0





#83

tert-Butylbenzene

Concen: 18.620 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX012832.D

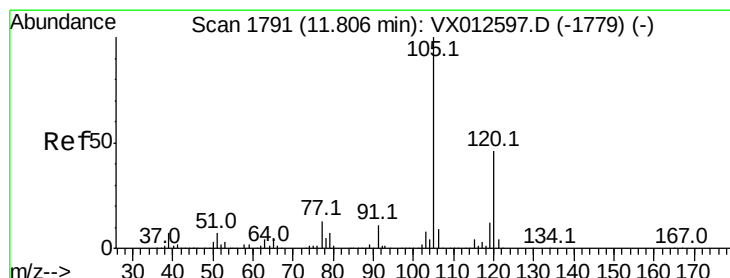
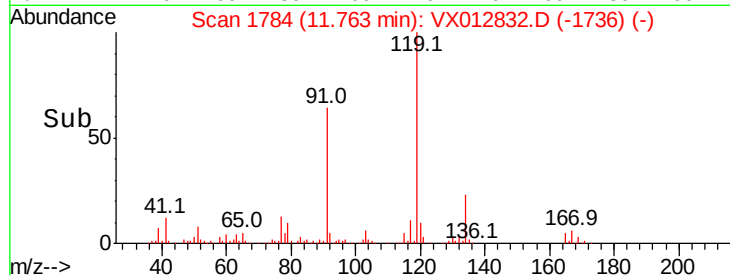
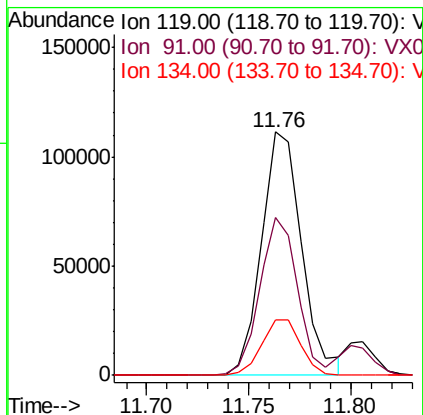
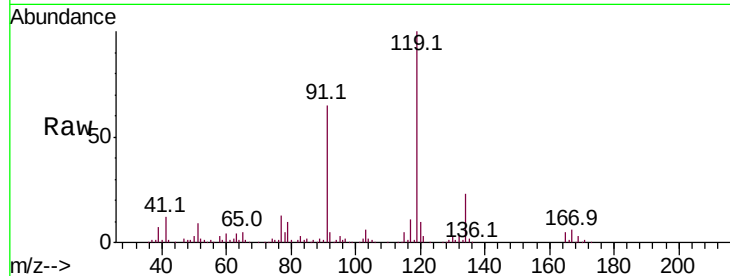
Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:119	Resp:	153413
Ion	Ratio	Lower Upper
119	100	
91	60.8	30.0 90.0
134	22.4	11.3 33.9



#84

1,2,4-Trimethylbenzene

Concen: 18.608 ug/l

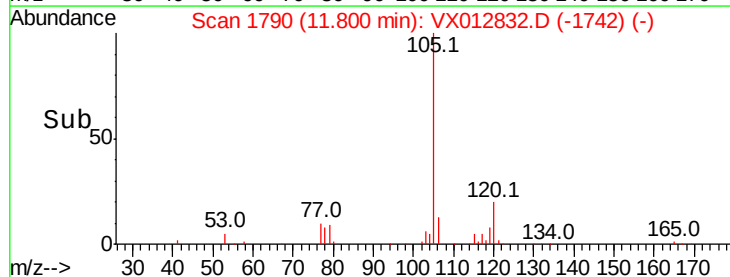
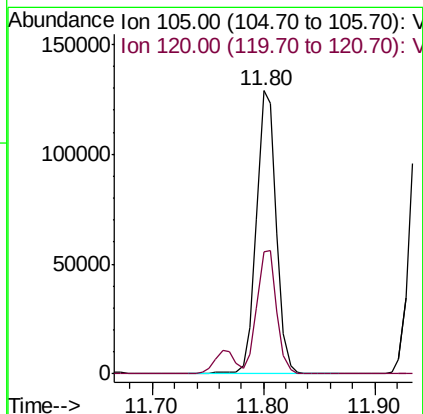
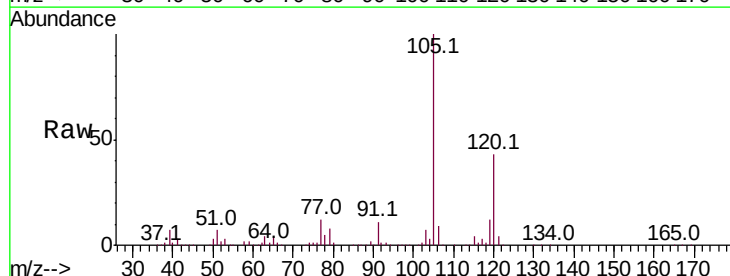
RT: 11.80 min Scan# 1790

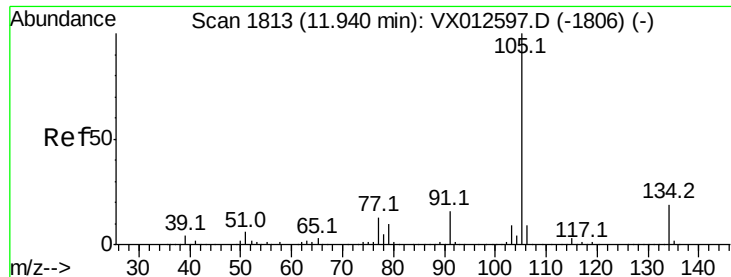
Delta R.T. -0.01 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Tgt Ion:105	Resp:	160332
Ion	Ratio	Lower Upper
105	100	
120	43.2	22.2 66.6





#85

sec-Butylbenzene

Concen: 19.113 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

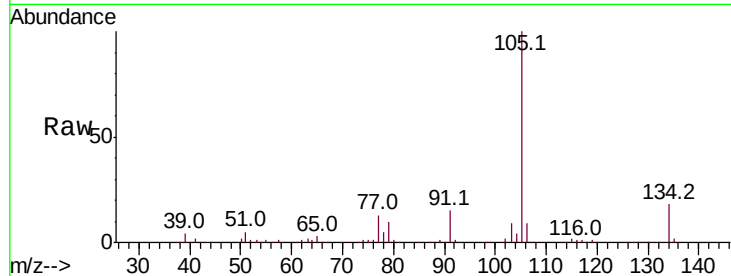
ClientSampleId :

Tot Ion:105 Resp: 183163

Ion Ratio Lower Upper

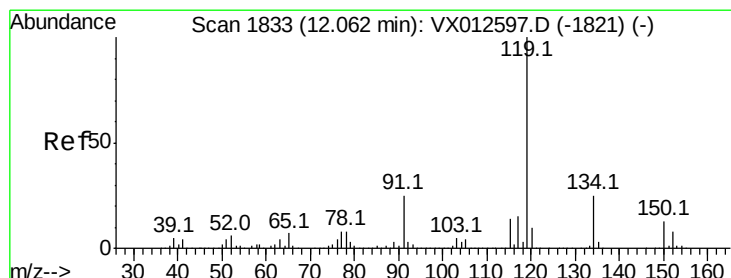
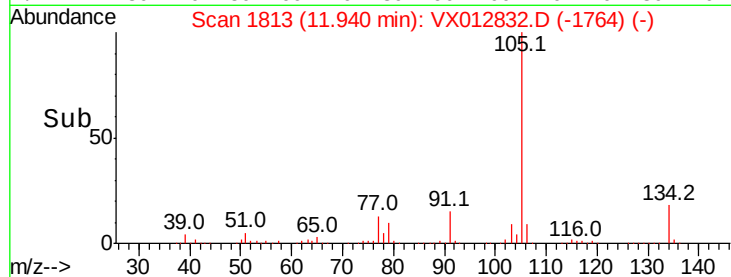
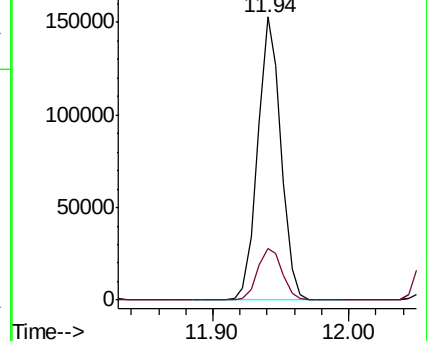
105 100

134 19.5 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.716 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

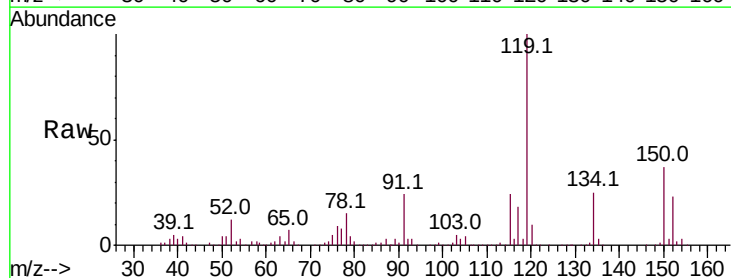
Tgt Ion:119 Resp: 170479

Ion Ratio Lower Upper

119 100

134 24.9 12.7 38.1

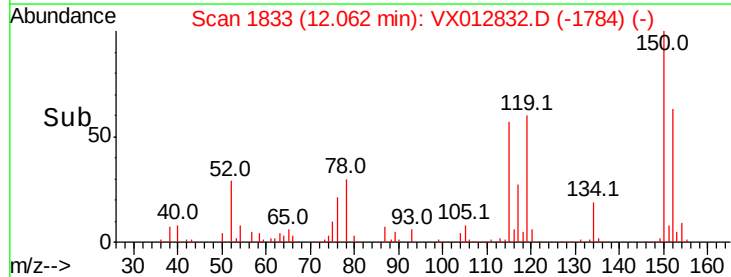
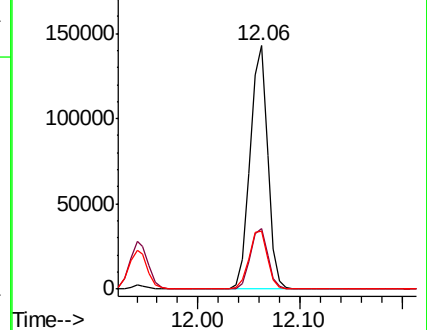
91 24.9 12.8 38.4

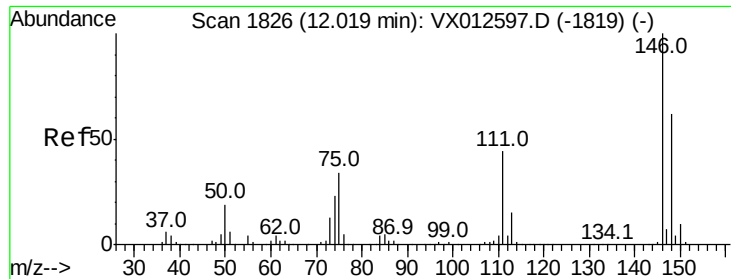


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

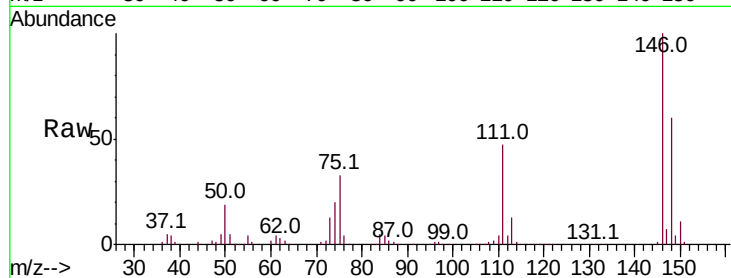




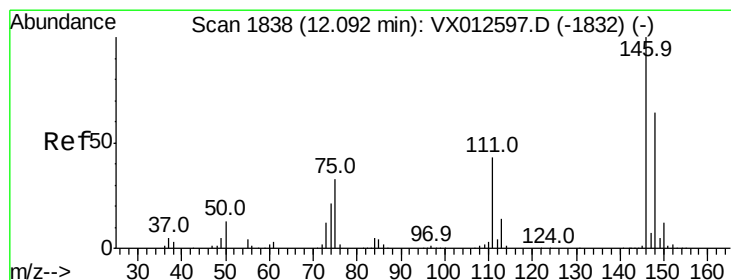
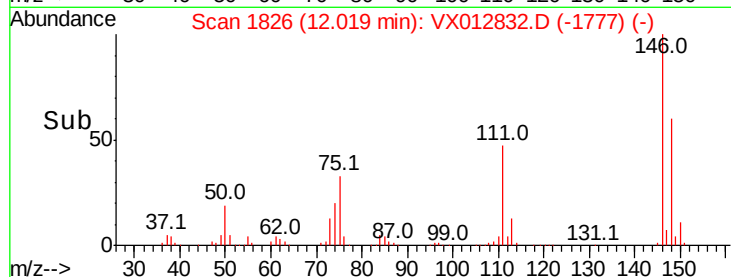
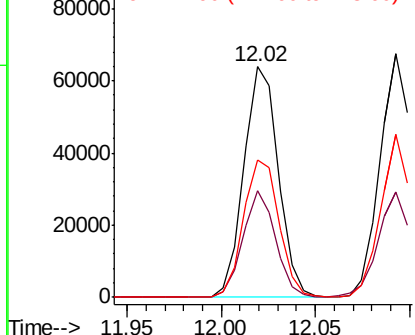
#87
 1,3-Dichlorobenzene
 Concen: 19.528 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 81013
 Ion Ratio Lower Upper
 146 100
 111 44.1 21.3 64.0
 148 61.7 32.4 97.2

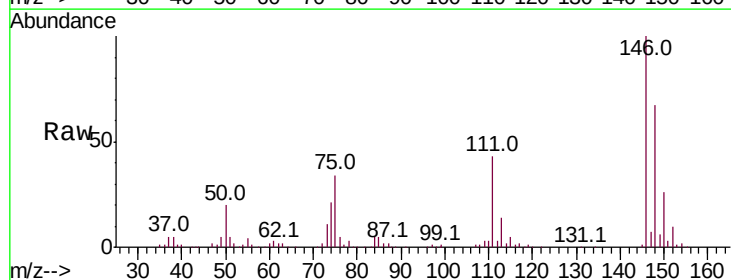


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

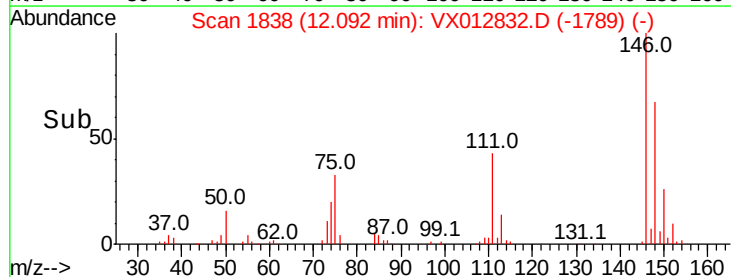
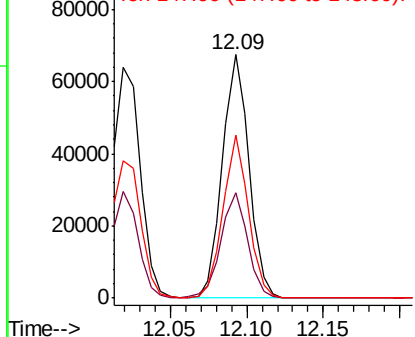


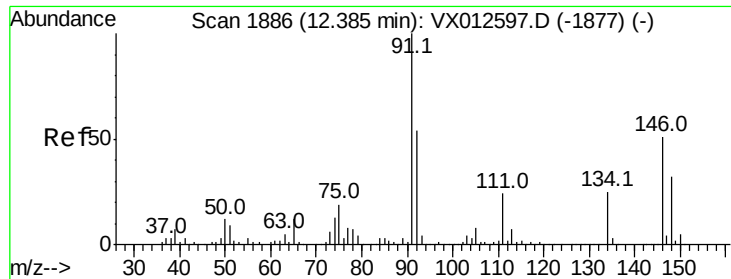
#88
 1,4-Dichlorobenzene
 Concen: 19.413 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

Tgt Ion:146 Resp: 81379
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.1 63.3
 148 63.9 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.674 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012832.D

Acq: 07 Oct 2019 12:53

Instrument :

MSVOA_X

ClientSampled :

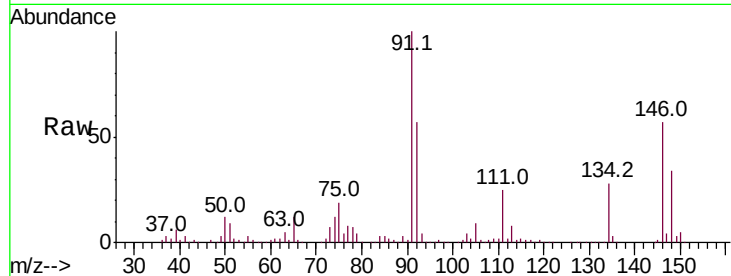
Tot Ion: 91 Resp: 142289

Ion Ratio Lower Upper

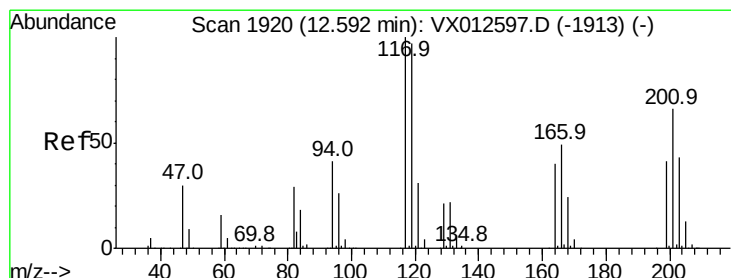
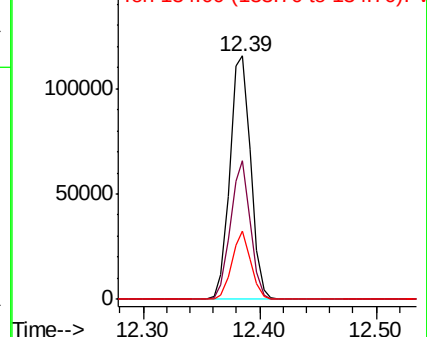
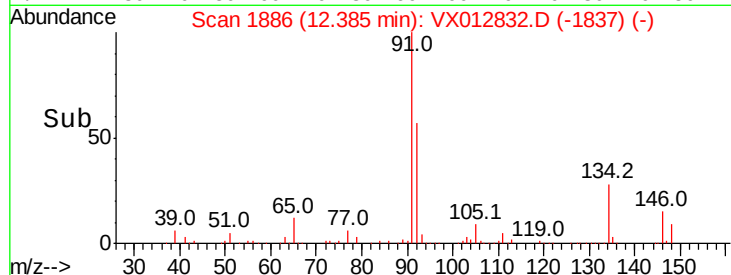
91 100

92 54.2 27.7 83.0

134 25.7 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX012832.D (-1837) (-)



#90

Hexachloroethane

Concen: 18.163 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012832.D

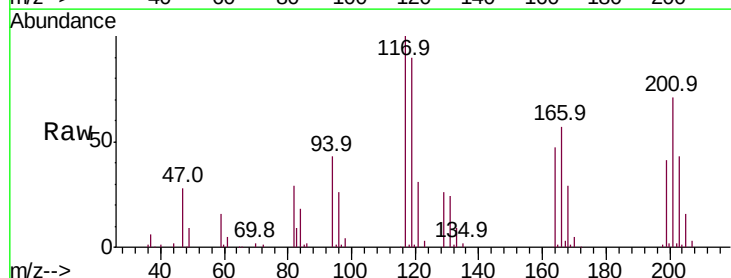
Acq: 07 Oct 2019 12:53

Tgt Ion: 117 Resp: 28000

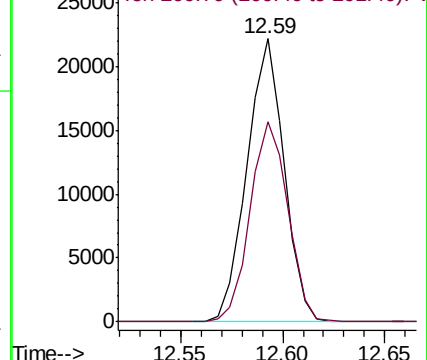
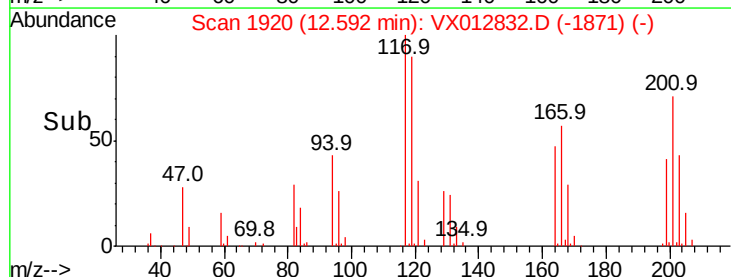
Ion Ratio Lower Upper

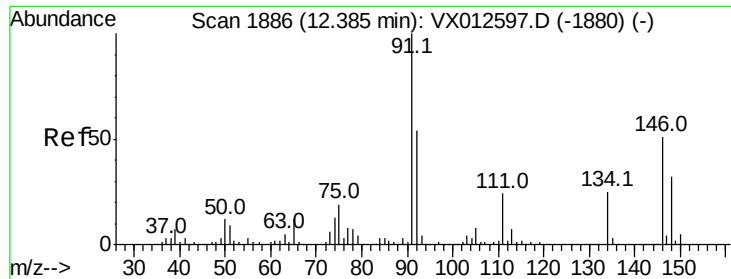
117 100

201 72.1 33.3 99.8



Abundance Ion 116.80 (116.50 to 117.50): VX012832.D (-1871) (-)

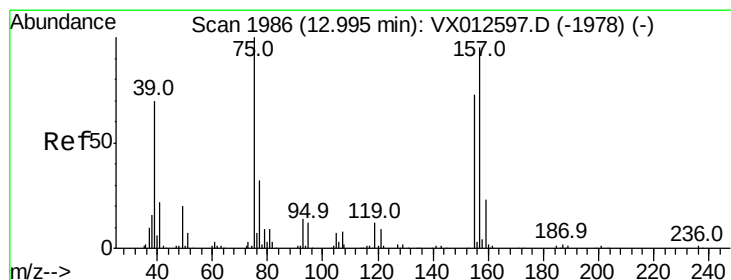
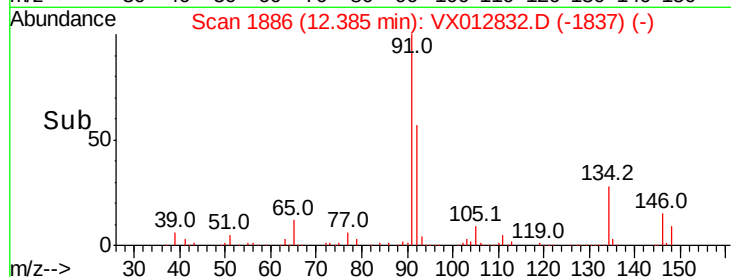
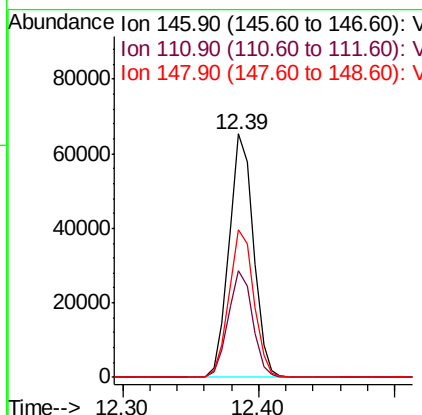
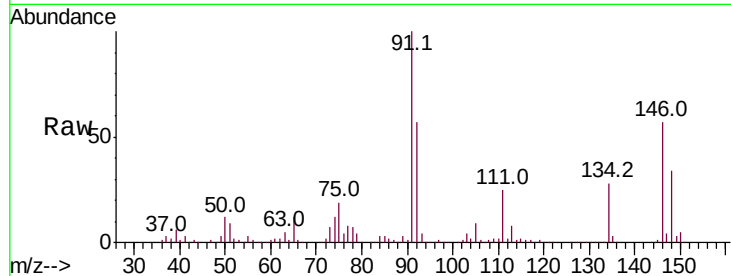




#91
 1,2-Dichlorobenzene
 Concen: 19.594 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

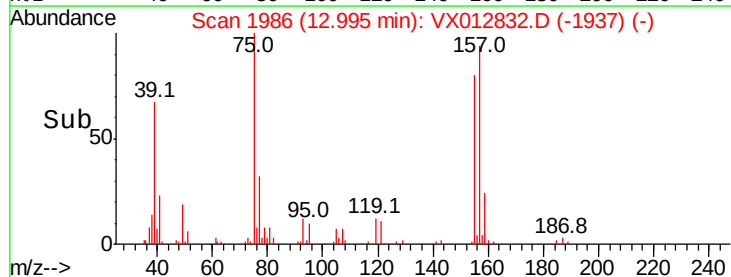
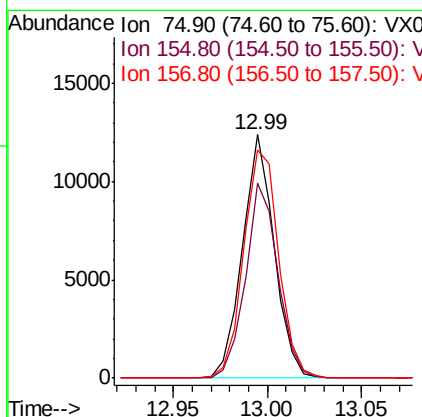
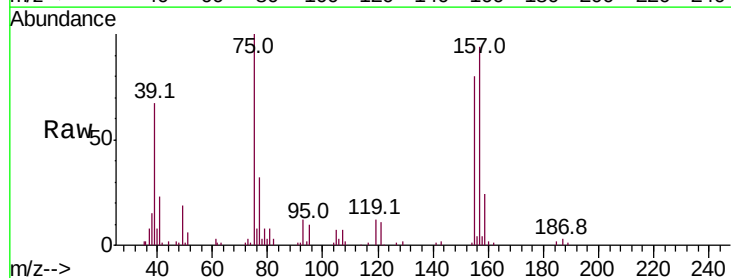
Instrument :
 MSVOA_X
 ClientSampled :

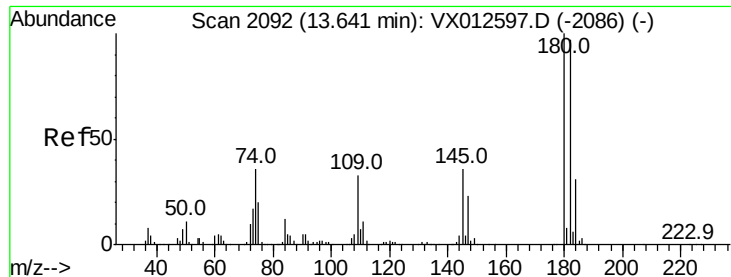
Tot Ion:146 Resp: 81379
 Ion Ratio Lower Upper
 146 100
 111 43.7 22.1 66.1
 148 61.9 31.3 93.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.106 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

Tgt Ion: 75 Resp: 14434
 Ion Ratio Lower Upper
 75 100
 155 81.9 38.6 115.8
 157 103.2 50.6 151.9

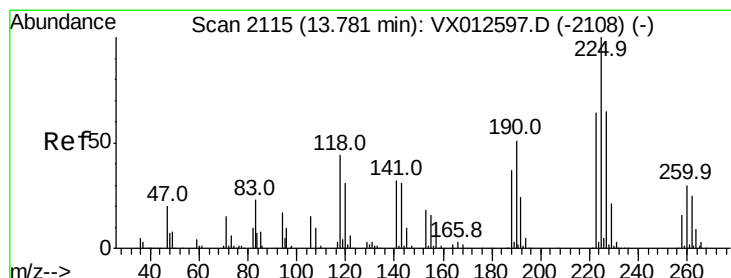
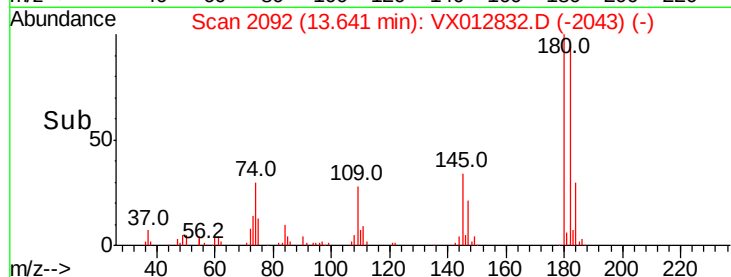
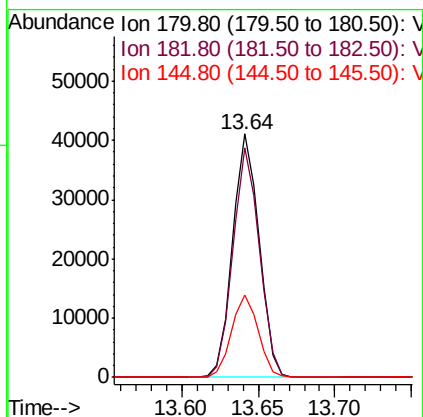
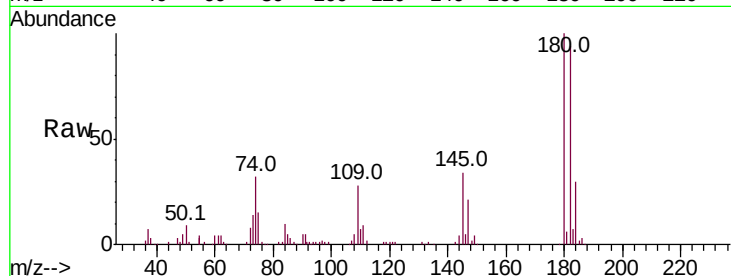




#93
 1,2,4-Trichlorobenzene
 Concen: 19.470 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

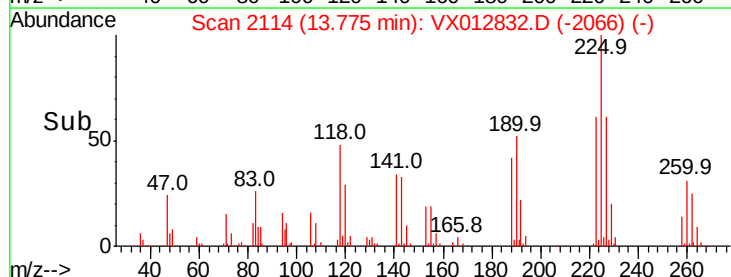
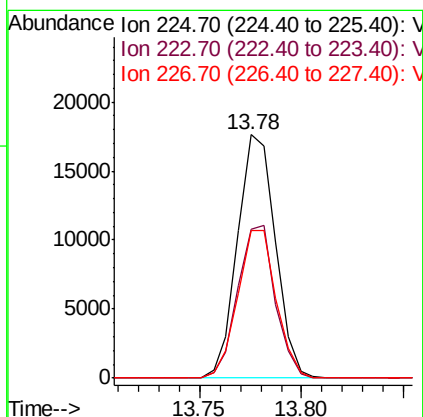
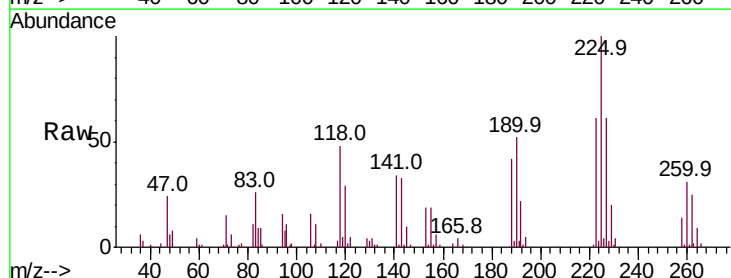
Instrument :
 MSVOA_X
 ClientSampled :

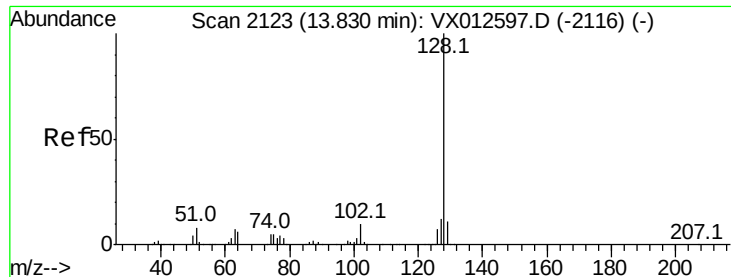
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.0	141.0
145	34.0	16.8	50.4



#94
 Hexachlorobutadiene
 Concen: 20.889 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012832.D
 Acq: 07 Oct 2019 12:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	32.0	96.2
227	61.6	31.9	95.5

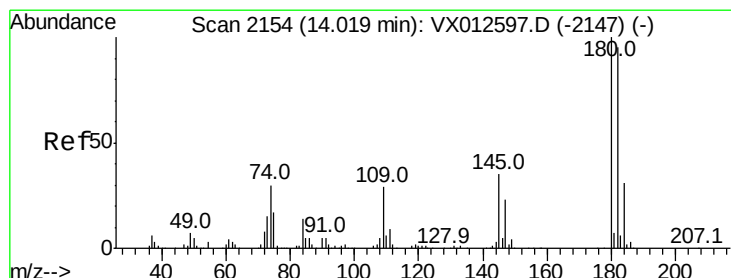
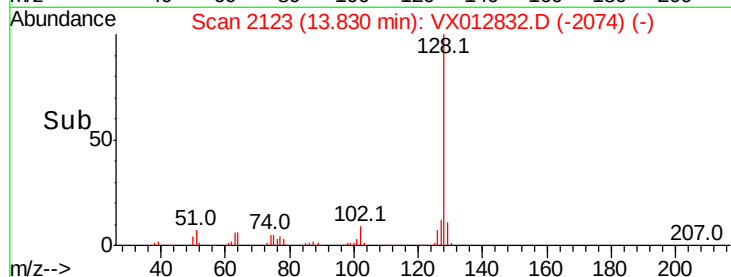
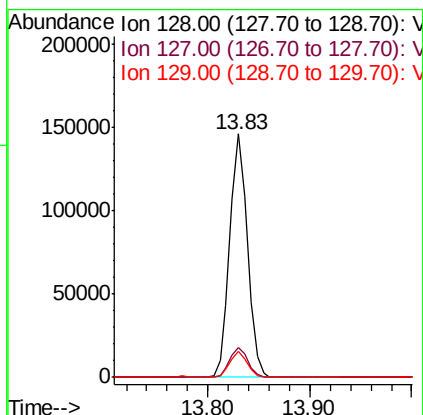
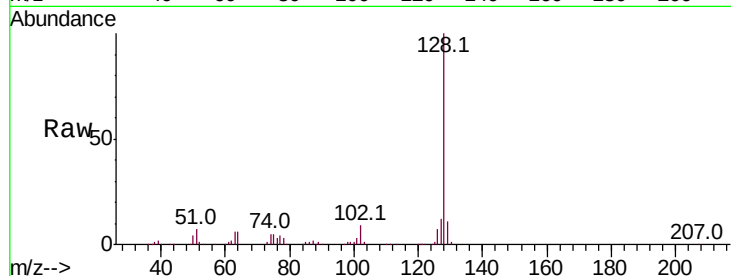




#95
Naphthalene
Concen: 19.118 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 175198
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 10.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.192 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012832.D
Acq: 07 Oct 2019 12:53

Tgt Ion:180 Resp: 51232
Ion Ratio Lower Upper
180 100
182 94.4 47.1 141.3
145 34.1 18.0 54.0

