

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100719\
 Data File : VX012833.D
 Acq On : 07 Oct 2019 13:16
 Operator : JC/SP
 Sample : VX1007MBS01
 Misc : 5.0µ/10mL/100µL/10mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 08 11:10:58 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	172413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	292510	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	119478	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	111118	44.26	ug/l	0.00
Spiked Amount			Recovery	=	88.52%	
35) Dibromofluoromethane	5.49	113	88776	50.96	ug/l	0.00
Spiked Amount			Recovery	=	101.92%	
50) Toluene-d8	8.71	98	332660	49.59	ug/l	0.00
Spiked Amount			Recovery	=	99.18%	
62) 4-Bromofluorobenzene	11.13	95	125451	47.56	ug/l	0.00
Spiked Amount			Recovery	=	95.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	28635	14.763	ug/l	99
3) Chloromethane	1.32	50	33349	14.973	ug/l	98
4) Vinyl Chloride	1.40	62	34071	15.390	ug/l	95
5) Bromomethane	1.63	94	16355	18.790	ug/l	99
6) Chloroethane	1.71	64	22766	15.255	ug/l	99
7) Trichlorofluoromethane	1.92	101	52107	16.765	ug/l	99
8) Diethyl Ether	2.18	74	21068	16.540	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	34627	18.291	ug/l	95
10) Methyl Iodide	2.50	142	28777	17.953	ug/l	91
11) Tert butyl alcohol	3.03	59	58361	93.053	ug/l	99
12) 1,1-Dichloroethene	2.36	96	34217	18.458	ug/l	91
13) Acrolein	2.28	56	21043	67.997	ug/l	97
14) Allyl chloride	2.72	41	62262	16.929	ug/l	96
15) Acrylonitrile	3.13	53	115959	91.133	ug/l	98
16) Acetone	2.44	43	110301	82.942	ug/l	95
17) Carbon Disulfide	2.56	76	81967	15.772	ug/l	99
18) Methyl Acetate	2.76	43	57968	18.512	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	127789	18.212	ug/l	96
20) Methylene Chloride	2.84	84	40164	17.856	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	35191	17.135	ug/l	90
22) Diisopropyl ether	3.84	45	126678	17.825	ug/l	99
23) Vinyl Acetate	3.80	43	539736	86.605	ug/l	97
24) 1,1-Dichloroethane	3.69	63	69466	17.983	ug/l	99
25) 2-Butanone	4.66	43	165707	86.903	ug/l	94
26) 2,2-Dichloropropane	4.57	77	57192	16.646	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	42499	17.835	ug/l	94
28) Bromochloromethane	5.00	49	25805	18.397	ug/l	88
29) Tetrahydrofuran	5.12	42	103231	88.823	ug/l	95
30) Chloroform	5.20	83	71357	18.055	ug/l	94
31) Cyclohexane	5.56	56	59527	17.034	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	60139	17.169	ug/l	98
36) 1,1-Dichloropropene	5.79	75	48548	17.219	ug/l	96
37) Ethyl Acetate	4.82	43	60523	18.361	ug/l	95
38) Carbon Tetrachloride	5.78	117	51082	17.835	ug/l	98

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 08 11:10:58 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)
39) Methylcyclohexane	7.46	83	60553	17.840	ug/l	97
40) Benzene	6.14	78	154223	18.591	ug/l	99
41) Methacrylonitrile	5.03	41	34287	18.539	ug/l	96
42) 1,2-Dichloroethane	6.18	62	56389	17.900	ug/l	98
43) Isopropyl Acetate	6.43	43	100185	18.175	ug/l	97
44) Trichloroethene	7.20	130	38999	18.389	ug/l	94
45) 1,2-Dichloropropane	7.51	63	40299	18.974	ug/l	96
46) Dibromomethane	7.65	93	26285	18.177	ug/l	97
47) Bromodichloromethane	7.89	83	53248	18.424	ug/l	96
48) Methyl methacrylate	7.76	41	46874	17.734	ug/l	93
49) 1,4-Dioxane	7.73	88	23690	395.152	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	309769	91.036	ug/l	95
52) Toluene	8.78	92	98126	18.820	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	57468	17.972	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	62864	18.006	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	40667	19.618	ug/l	97
56) Ethyl methacrylate	9.17	69	64431	18.501	ug/l	92
57) 1,3-Dichloropropane	9.37	76	68935	19.001	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	154973	99.138	ug/l	99
59) 2-Hexanone	9.48	43	240131	92.196	ug/l	94
60) Dibromochloromethane	9.58	129	39748	18.942	ug/l	97
61) 1,2-Dibromoethane	9.67	107	41385	19.183	ug/l	98
64) Tetrachloroethene	9.33	164	37460	20.748	ug/l	95
65) Chlorobenzene	10.14	112	103284	18.941	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	37825	19.145	ug/l	97
67) Ethyl Benzene	10.25	91	184761	18.681	ug/l	98
68) m/p-Xylenes	10.35	106	137947	37.233	ug/l	100
69) o-Xylene	10.70	106	67440	18.812	ug/l	98
70) Styrene	10.71	104	116672	19.413	ug/l	97
71) Bromoform	10.85	173	26588	19.326	ug/l #	99
73) Isopropylbenzene	11.01	105	183799	18.888	ug/l	99
74) N-amyl acetate	10.89	43	80134	17.261	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	60022	18.624	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	70611	22.342	ug/l	88
77) Bromobenzene	11.25	156	41552	18.867	ug/l	99
78) n-propylbenzene	11.35	91	204568	18.673	ug/l	100
79) 2-Chlorotoluene	11.42	91	123795	18.114	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	153463	18.806	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	17921	16.250	ug/l	99
82) 4-Chlorotoluene	11.51	91	142423	18.281	ug/l	100
83) tert-Butylbenzene	11.76	119	149314	18.968	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	154051	18.714	ug/l	99
85) sec-Butylbenzene	11.94	105	174555	19.065	ug/l	100
86) p-Isopropyltoluene	12.06	119	155500	18.823	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	76892	19.400	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	76928	19.208	ug/l	98
89) n-Butylbenzene	12.38	91	130270	17.895	ug/l	99
90) Hexachloroethane	12.59	117	27298	18.534	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	75362	18.992	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	14210	17.626	ug/l	94

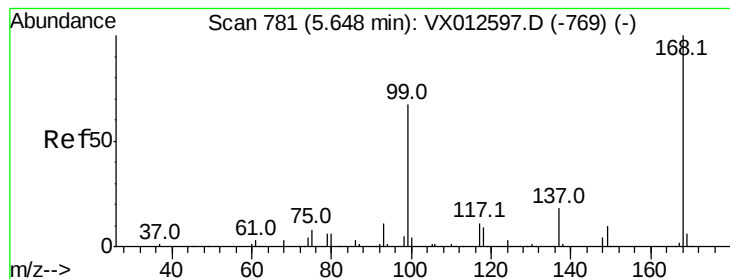
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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	45413	18.766	ug/l	99
94) Hexachlorobutadiene	13.77	225	20477	19.670	ug/l	100
95) Naphthalene	13.83	128	170512	19.475	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	48255	19.906	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

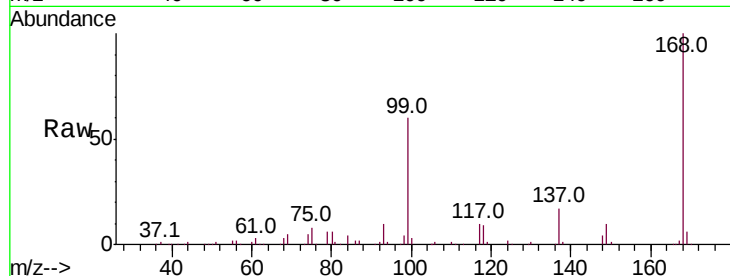
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 172413

Ion Ratio Lower Upper

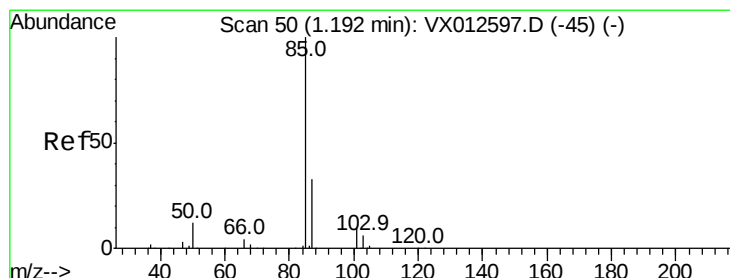
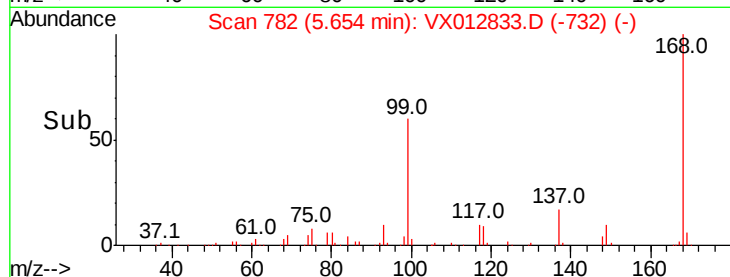
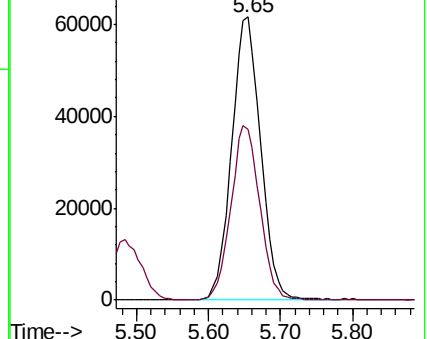
168 100

99 60.4 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 14.763 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX012833.D

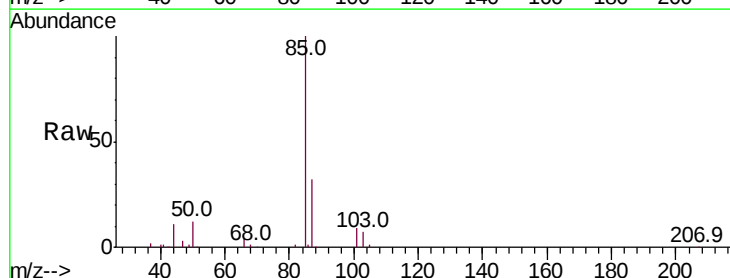
Acq: 07 Oct 2019 13:16

Tgt Ion: 85 Resp: 28635

Ion Ratio Lower Upper

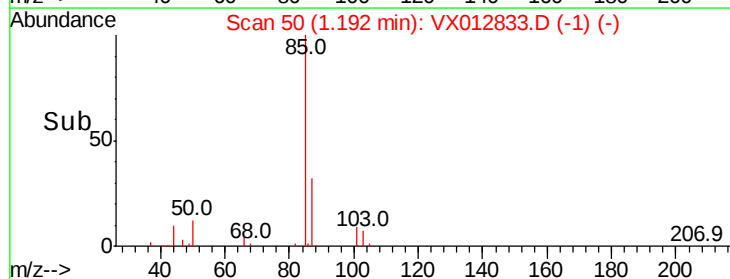
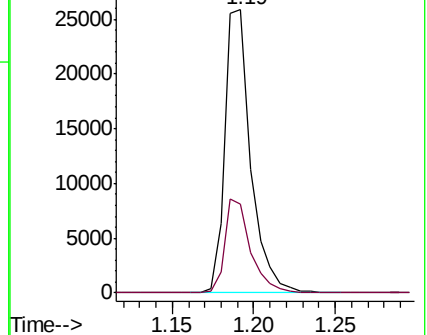
85 100

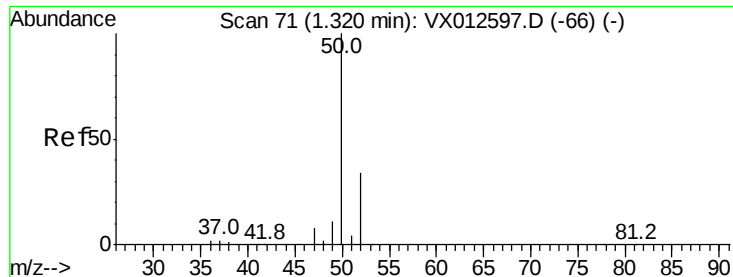
87 31.5 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 14.973 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

Instrument :

MSVOA_X

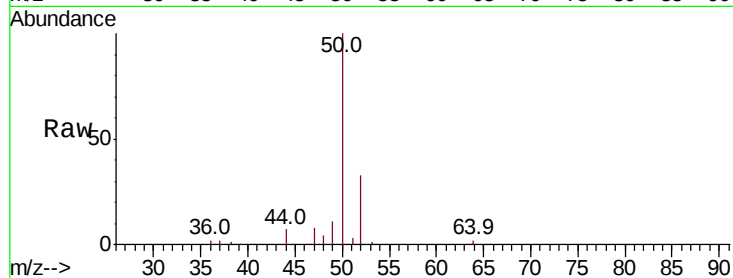
ClientSampleId :

Tot Ion: 50 Resp: 33349

Ion Ratio Lower Upper

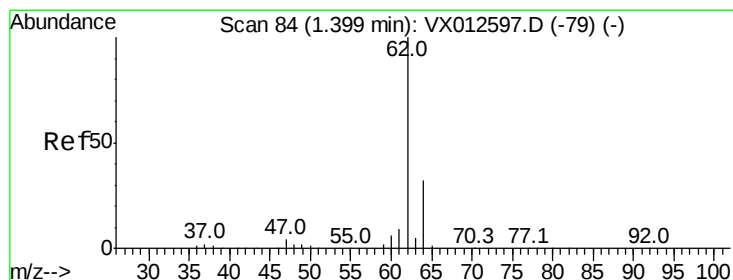
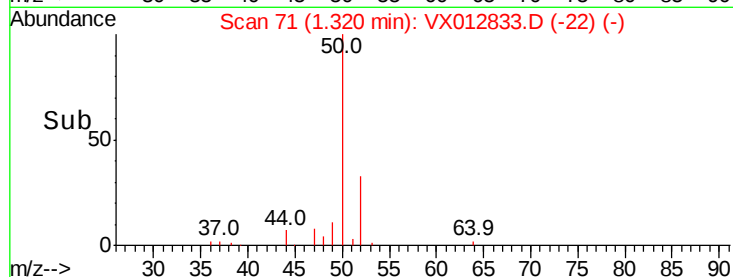
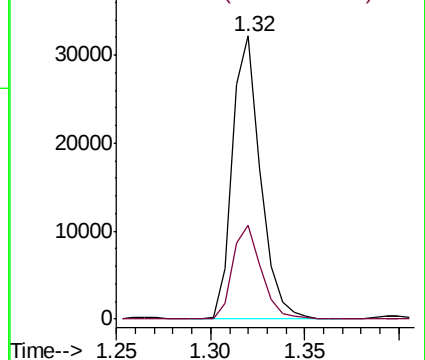
50 100

52 33.3 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: 15.390 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012833.D

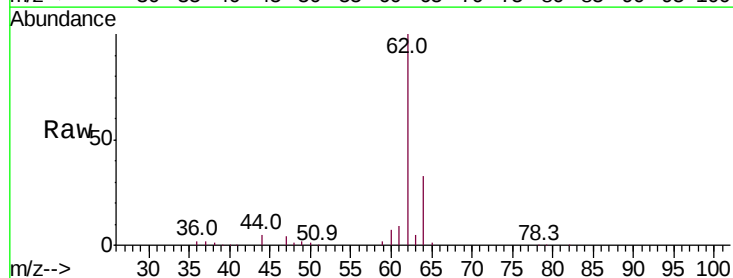
Acq: 07 Oct 2019 13:16

Tgt Ion: 62 Resp: 34071

Ion Ratio Lower Upper

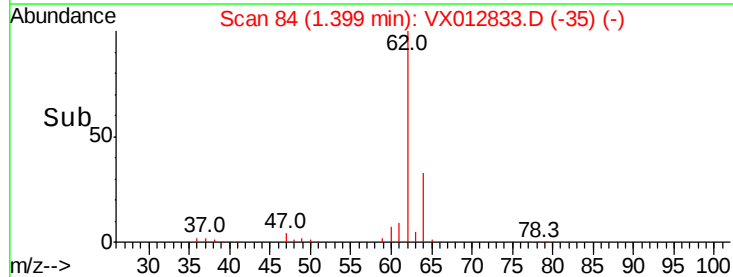
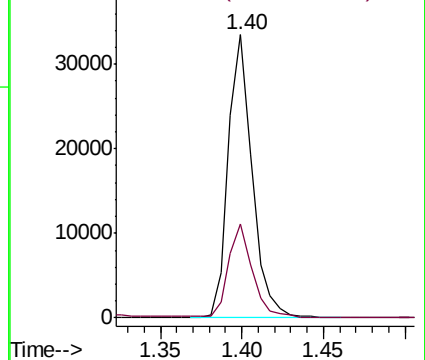
62 100

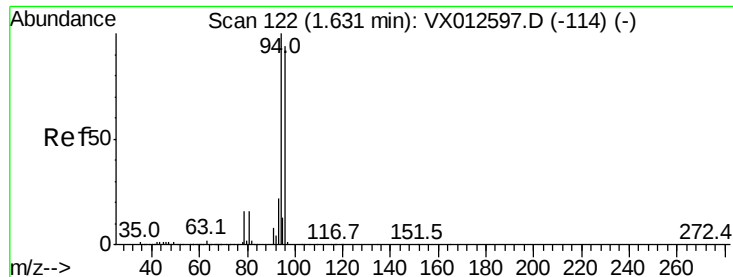
64 32.8 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.790 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

Instrument :

MSVOA_X

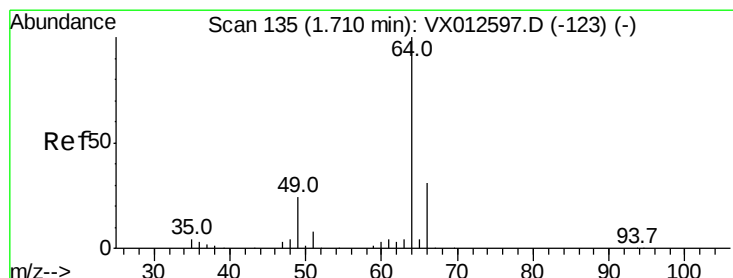
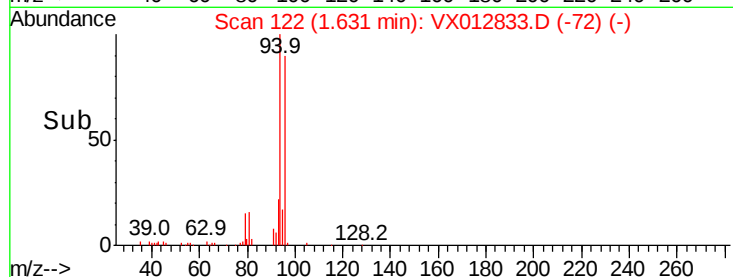
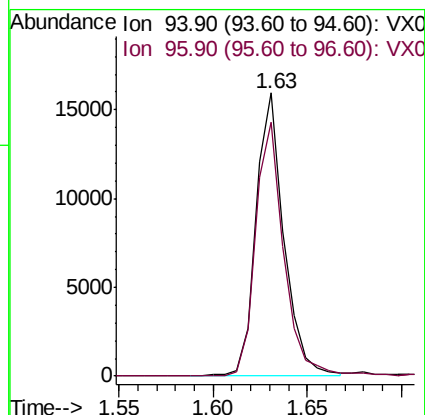
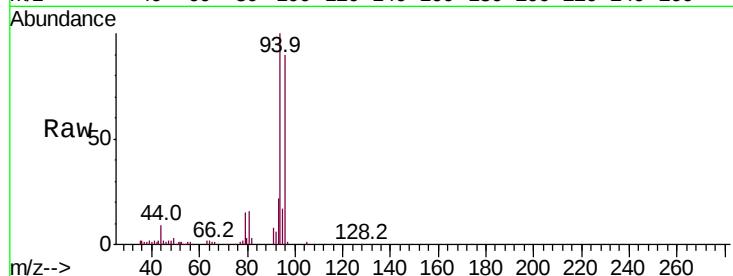
ClientSampled :

Tot Ion: 94 Resp: 16355

Ion Ratio Lower Upper

94 100

96 89.8 72.8 109.2



#6

Chloroethane

Concen: 15.255 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012833.D

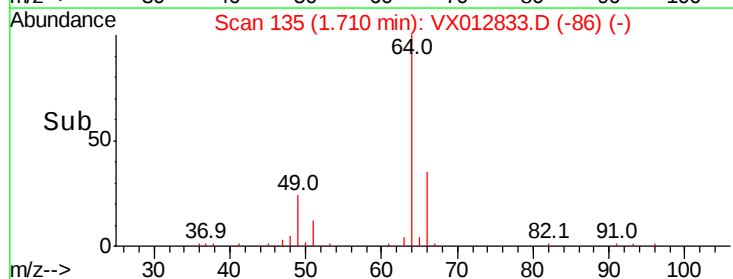
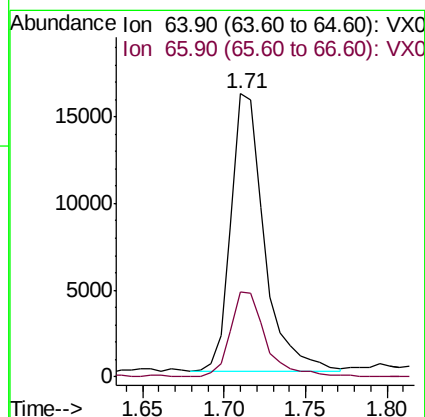
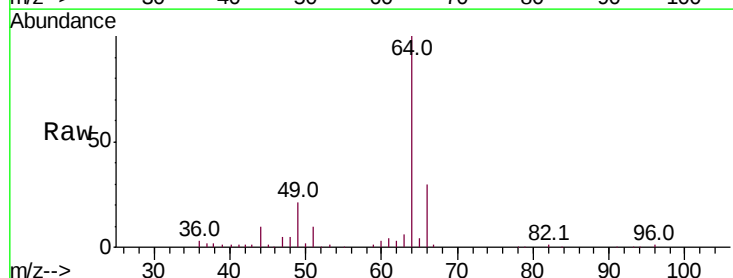
Acq: 07 Oct 2019 13:16

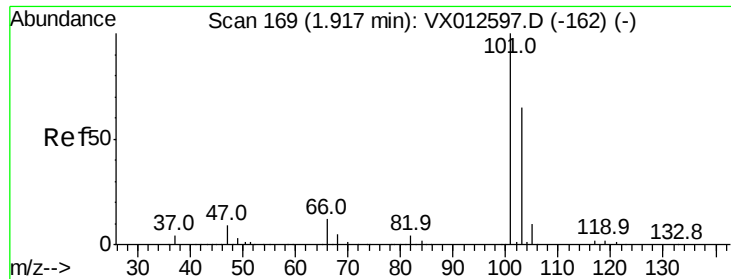
Tgt Ion: 64 Resp: 22766

Ion Ratio Lower Upper

64 100

66 30.5 24.0 36.0



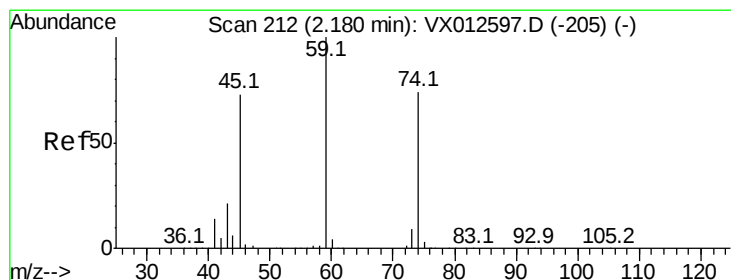
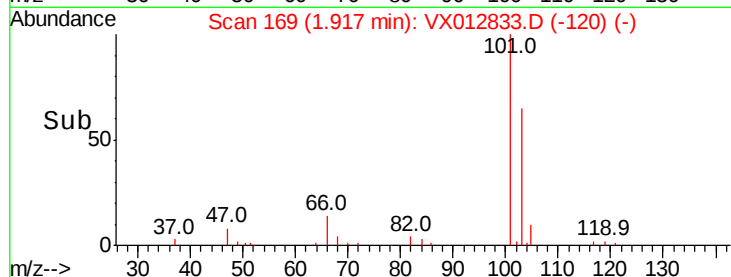
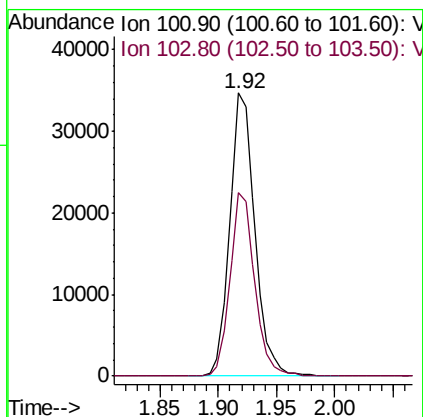
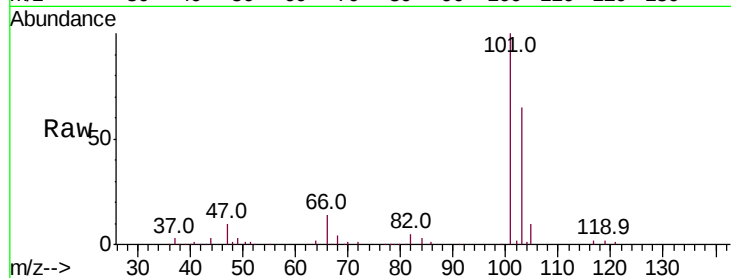


#7

Trichlorofluoromethane
 Concen: 16.765 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX012833.D
 Acq: 07 Oct 2019 13:16

Instrument :
 MSVOA_X
 ClientSampleId :

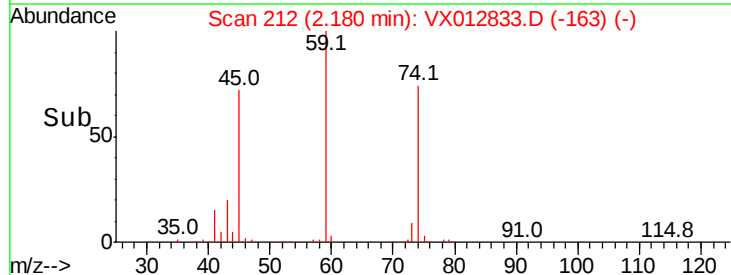
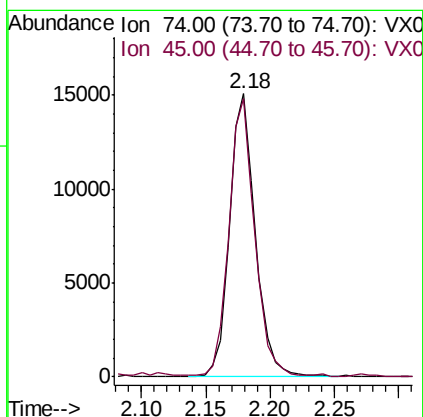
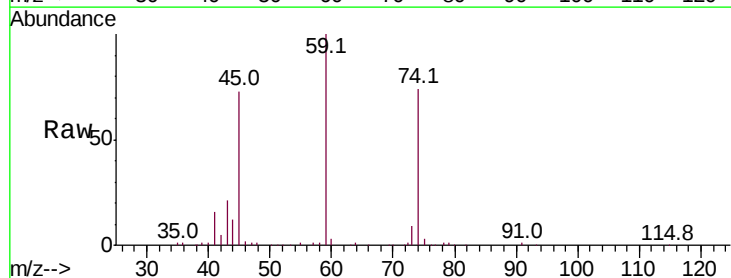
Tot Ion:101 Resp: 52107
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.0 76.4

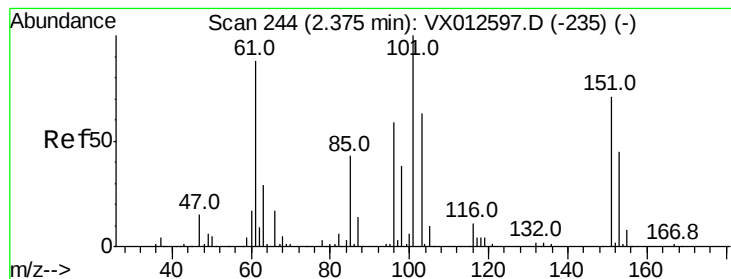


#8

Diethyl Ether
 Concen: 16.540 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012833.D
 Acq: 07 Oct 2019 13:16

Tgt Ion: 74 Resp: 21068
 Ion Ratio Lower Upper
 74 100
 45 97.4 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.291 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

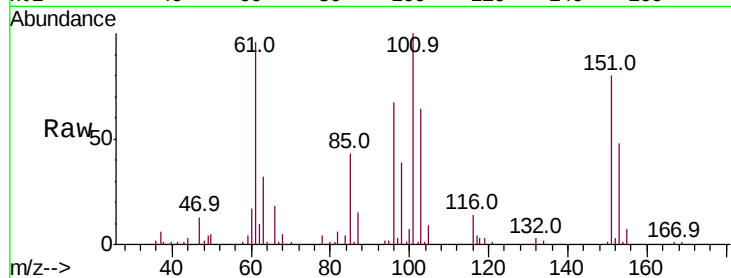
Tot Ion:101 Resp: 34627

Ion Ratio Lower Upper

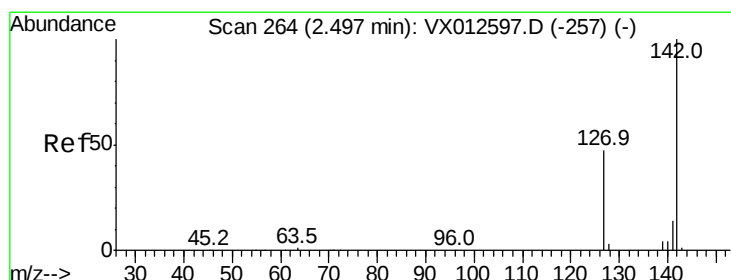
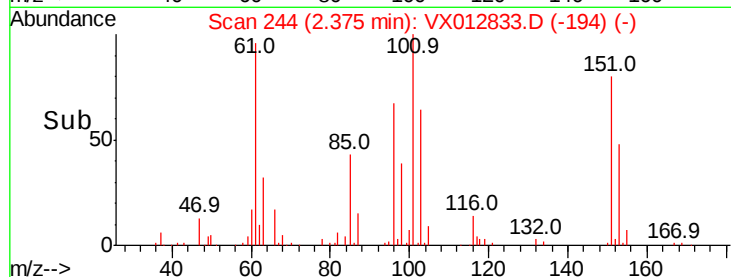
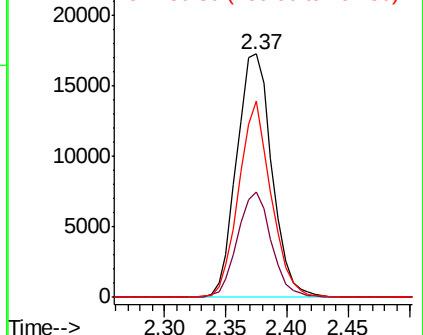
101 100

85 41.5 37.3 55.9

151 73.9 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: 17.953 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

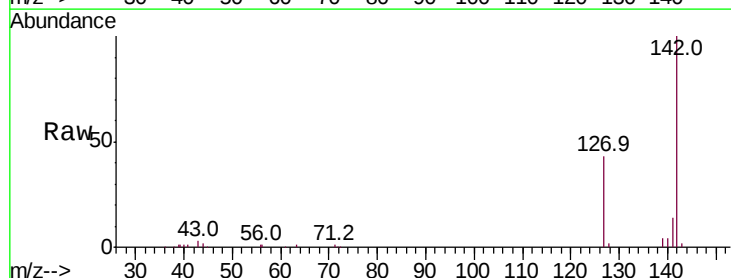
Tgt Ion:142 Resp: 28777

Ion Ratio Lower Upper

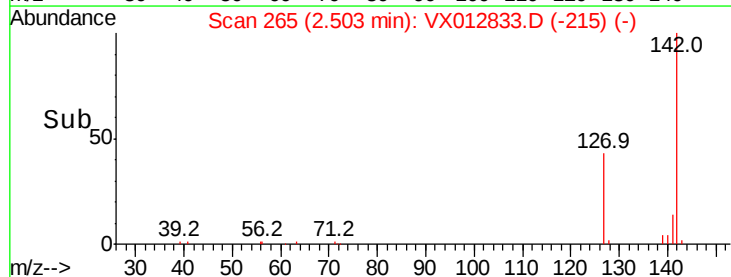
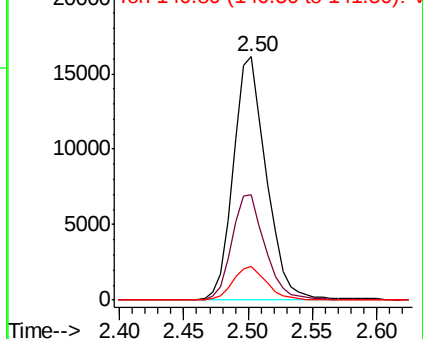
142 100

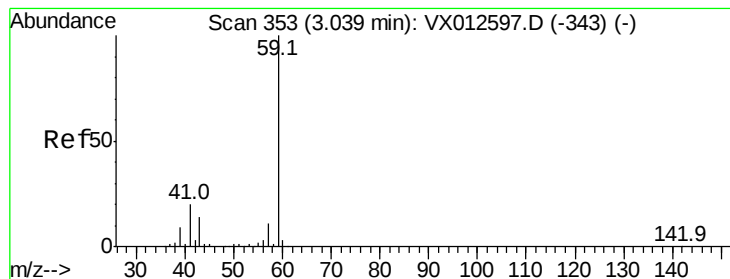
127 43.7 40.8 61.2

141 13.9 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: 93.053 ug/l

RT: 3.03 min Scan# 352

Delta R.T. -0.01 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

Instrument :

MSVOA_X

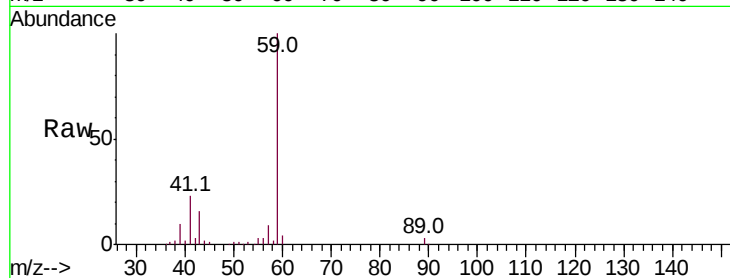
ClientSampled :

Tot Ion: 59 Resp: 58361

Ion Ratio Lower Upper

59 100

57 10.2 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

25000

20000

15000

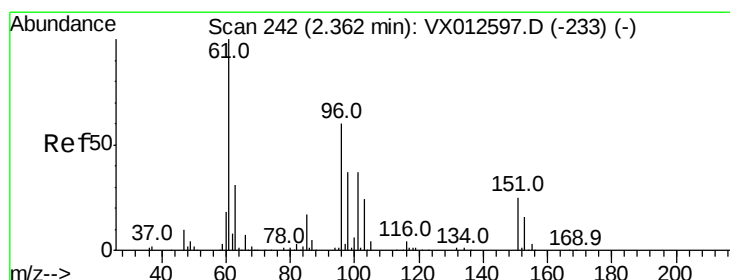
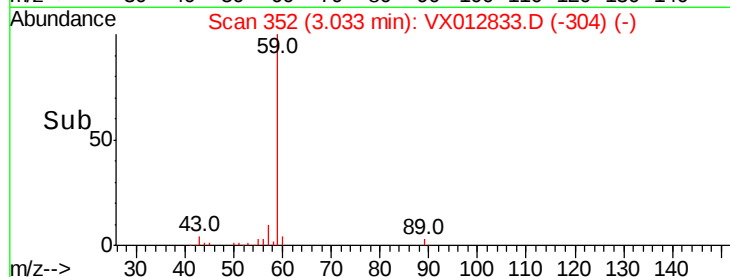
10000

5000

0

Time--> 2.90 3.00 3.10

3.03



#12

1,1-Dichloroethene

Concen: 18.458 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

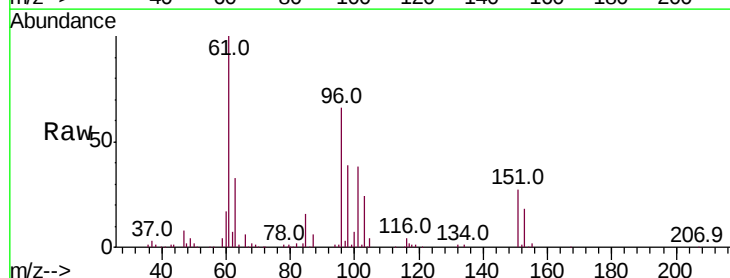
Tgt Ion: 96 Resp: 34217

Ion Ratio Lower Upper

96 100

61 152.4 133.8 200.6

98 60.0 49.9 74.9



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

40000

30000

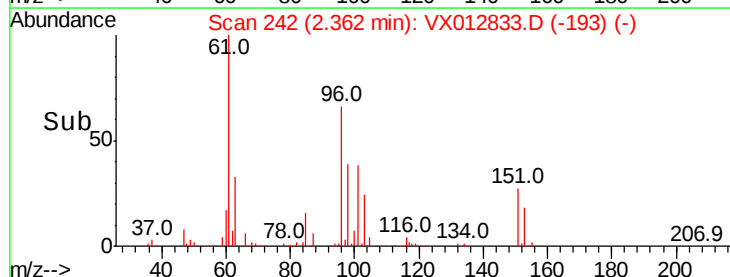
20000

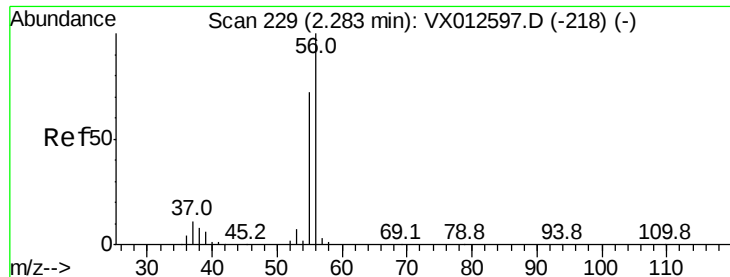
10000

0

Time--> 2.25 2.30 2.35 2.40 2.45

2.36





#13

Acrolein

Concen: 67.997 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

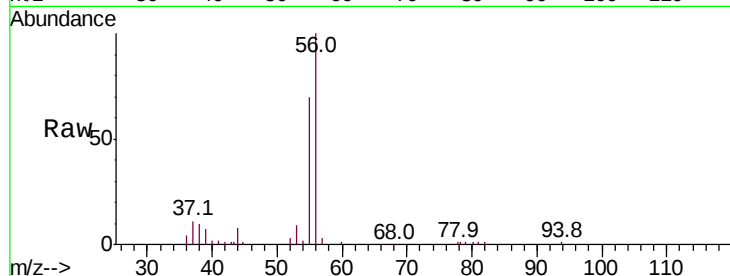
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 21043

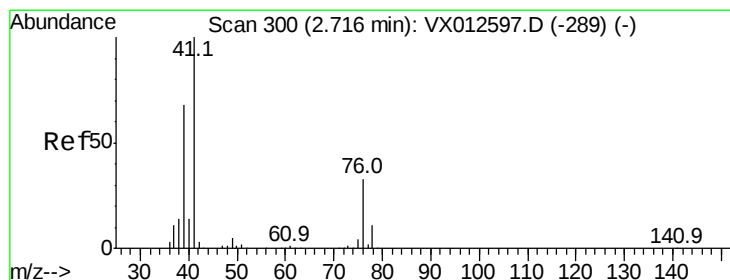
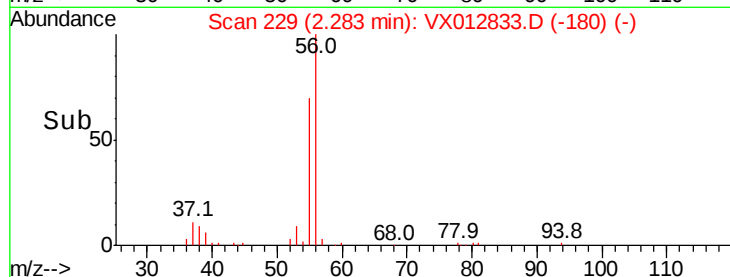
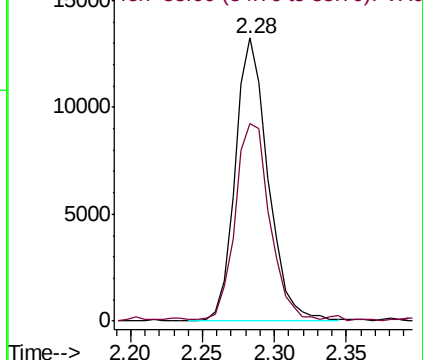
Ion Ratio Lower Upper

56 100

55 72.0 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: 16.929 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

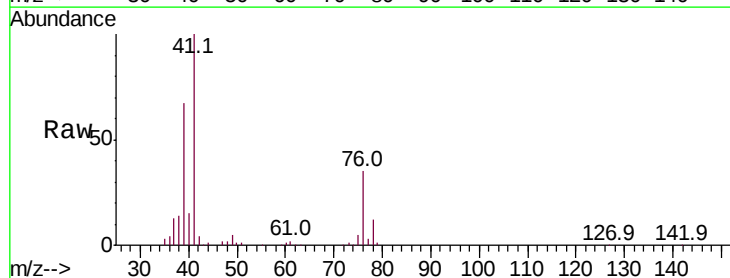
Tgt Ion: 41 Resp: 62262

Ion Ratio Lower Upper

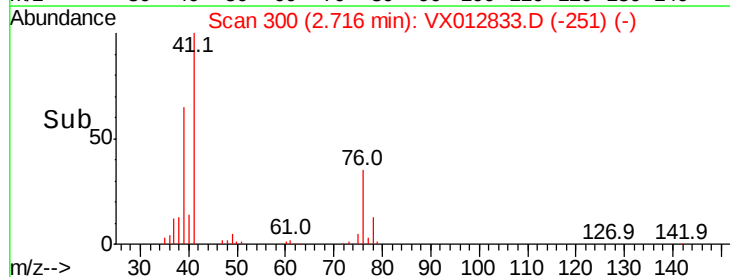
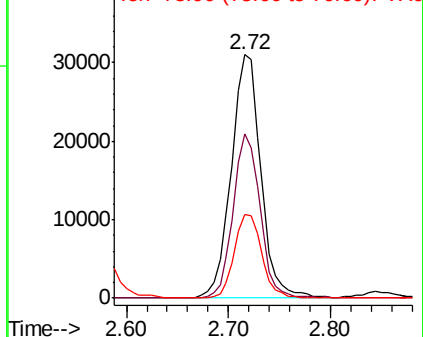
41 100

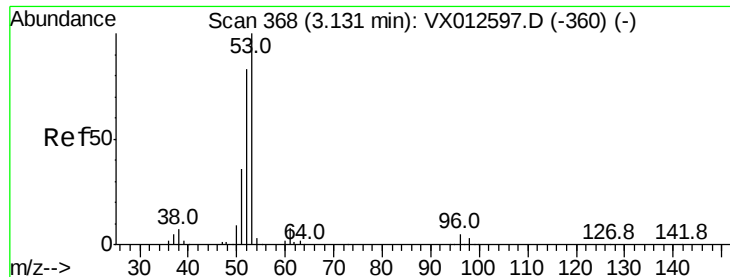
39 61.6 51.3 76.9

76 31.9 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: 91.133 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

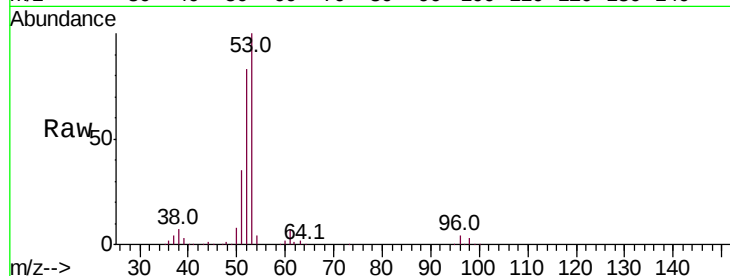
Tot Ion: 53 Resp: 115959

Ion Ratio Lower Upper

53 100

52 82.1 67.0 100.4

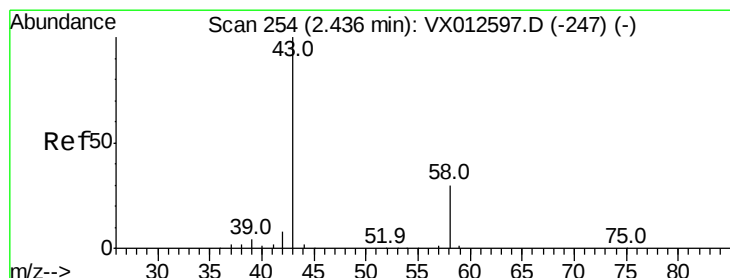
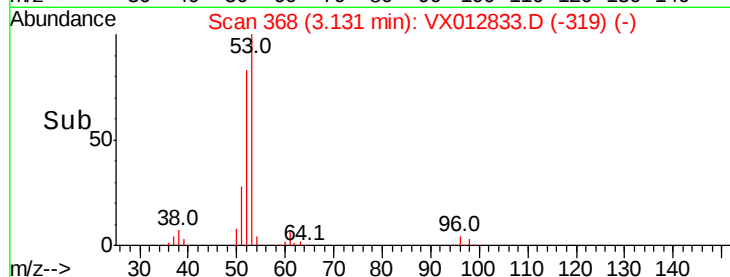
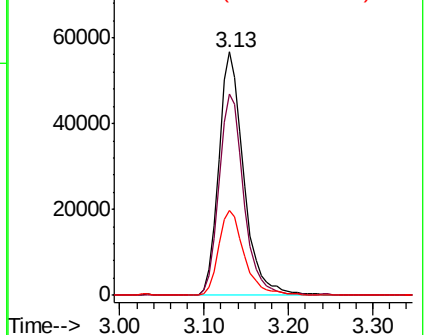
51 35.9 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 82.942 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012833.D

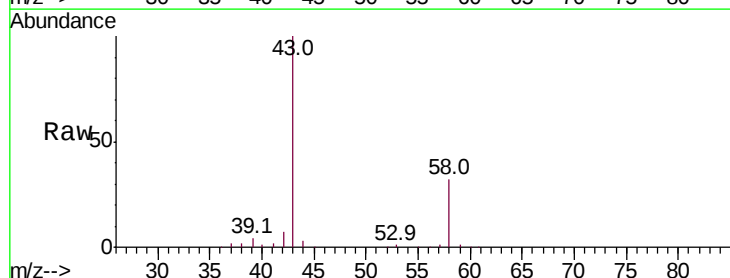
Acq: 07 Oct 2019 13:16

Tgt Ion: 43 Resp: 110301

Ion Ratio Lower Upper

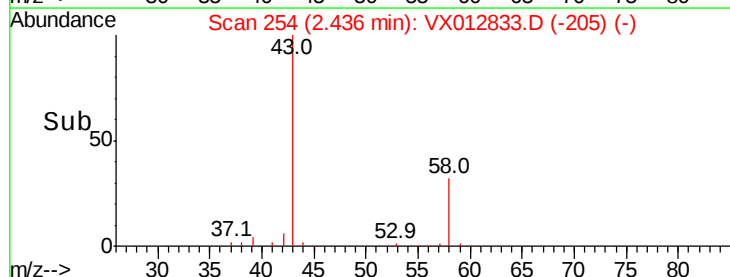
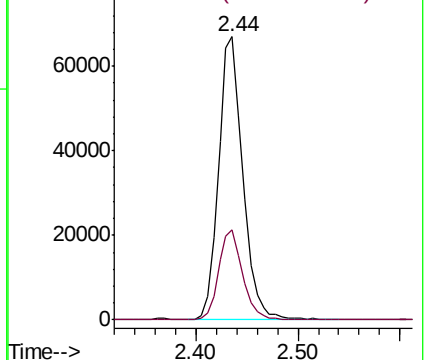
43 100

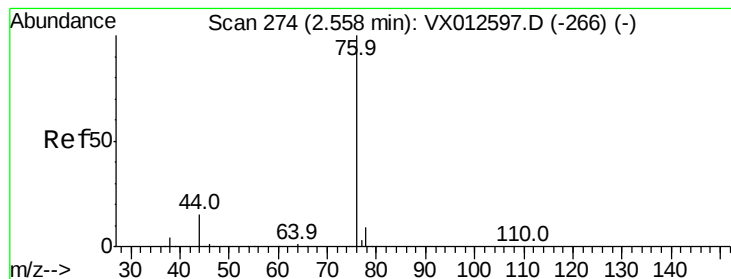
58 31.9 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 15.772 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

Instrument :

MSVOA_X

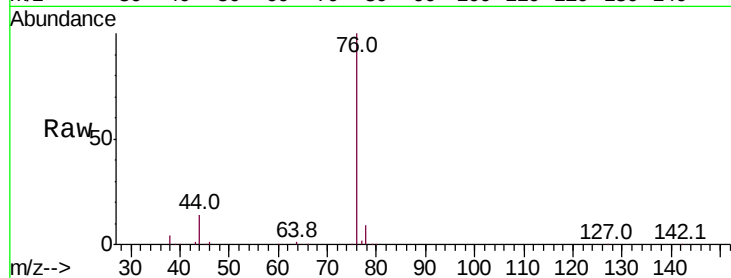
ClientSampled :

Tot Ion: 76 Resp: 81967

Ion Ratio Lower Upper

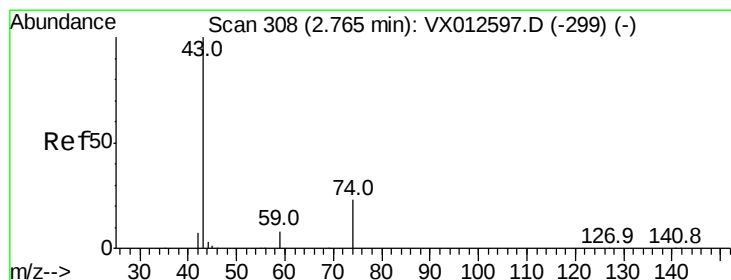
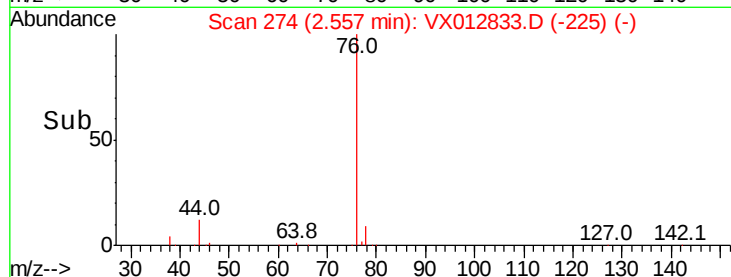
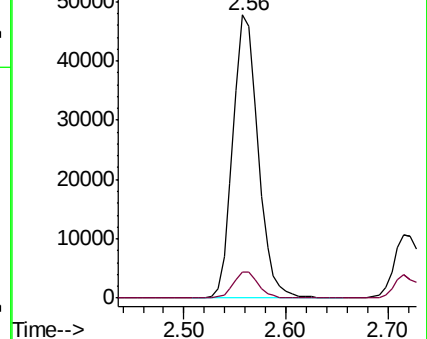
76 100

78 9.3 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: 18.512 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012833.D

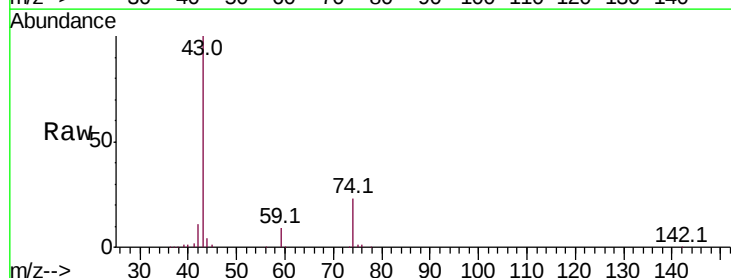
Acq: 07 Oct 2019 13:16

Tgt Ion: 43 Resp: 57968

Ion Ratio Lower Upper

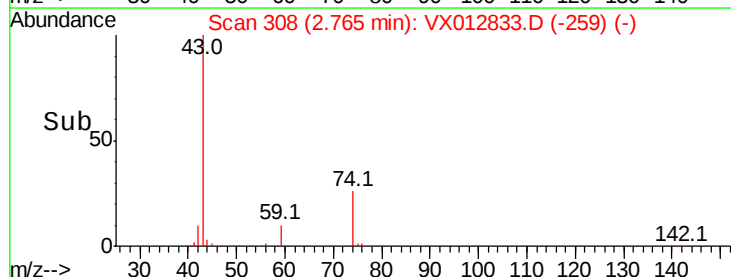
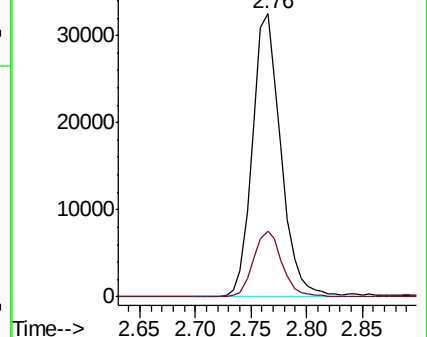
43 100

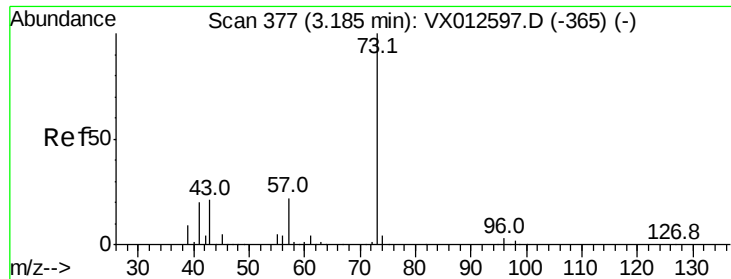
74 23.8 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

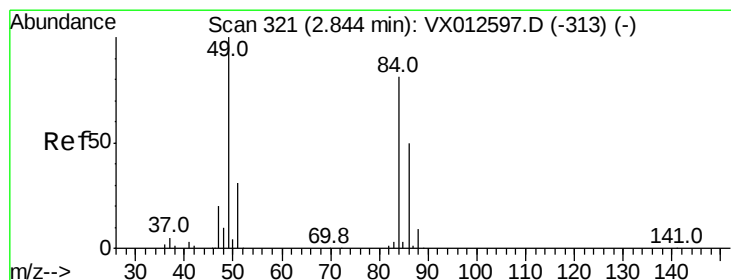
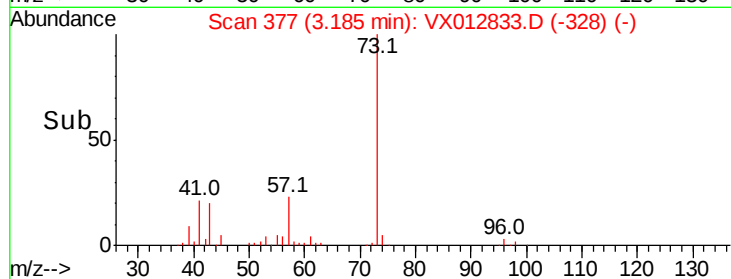
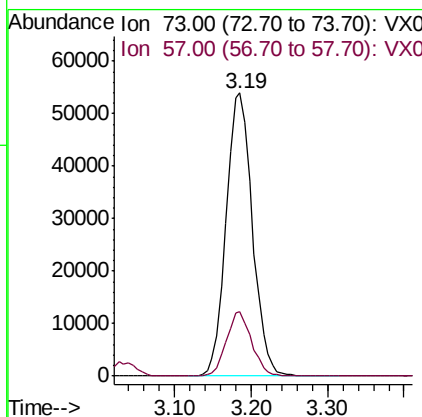
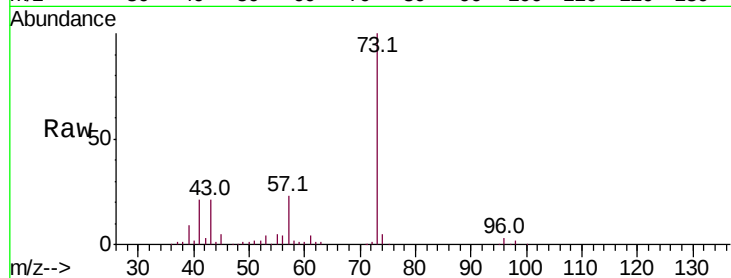




#19
Methyl tert-butyl Ether
Concen: 18.212 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012833.D
Acq: 07 Oct 2019 13:16

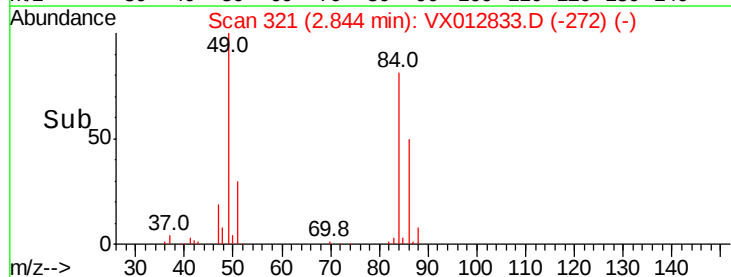
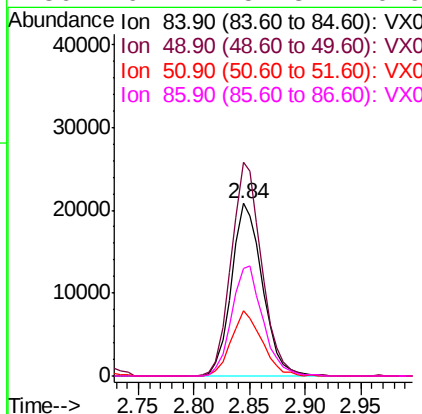
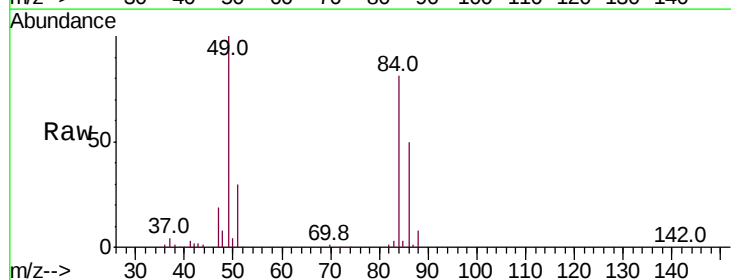
Instrument :
MSVOA_X
ClientSampled :

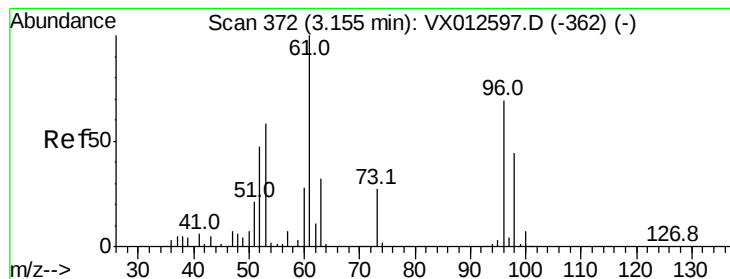
Tot Ion: 73 Resp: 127789
Ion Ratio Lower Upper
73 100
57 22.7 16.8 25.2



#20
Methylene Chloride
Concen: 17.856 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012833.D
Acq: 07 Oct 2019 13:16

Tgt Ion: 84 Resp: 40164
Ion Ratio Lower Upper
84 100
49 123.9 106.8 160.2
51 37.5 32.3 48.5
86 62.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 17.135 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

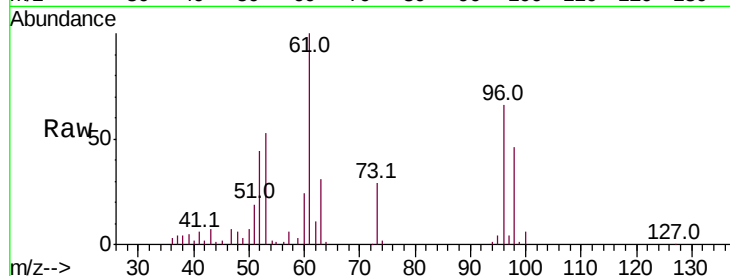
Tot Ion: 96 Resp: 35191

Ion Ratio Lower Upper

96 100

61 151.3 112.0 168.0

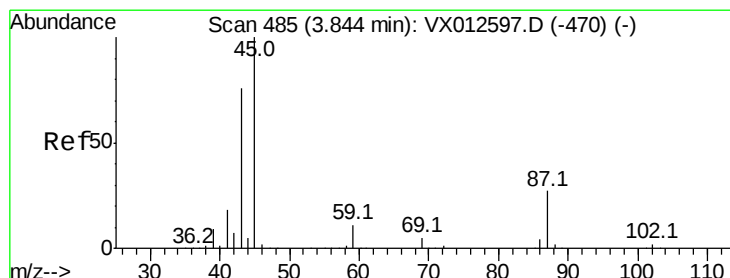
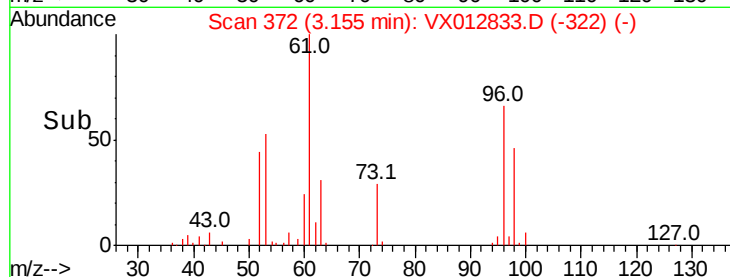
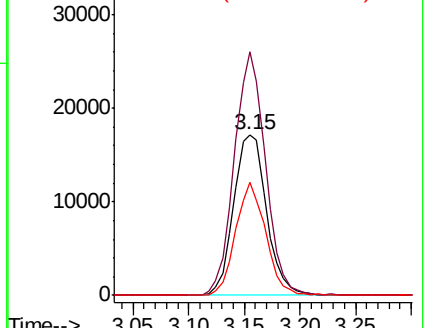
98 69.9 47.8 71.8



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: 17.825 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

Tgt Ion: 45 Resp: 126678

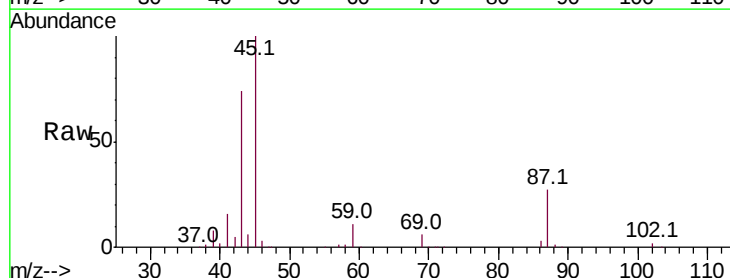
Ion Ratio Lower Upper

45 100

43 72.9 57.8 86.8

87 27.4 21.3 31.9

59 11.5 8.5 12.7

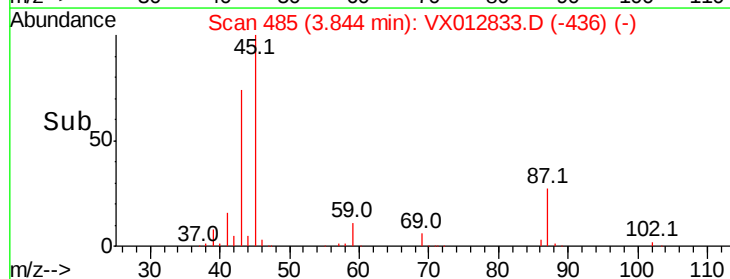
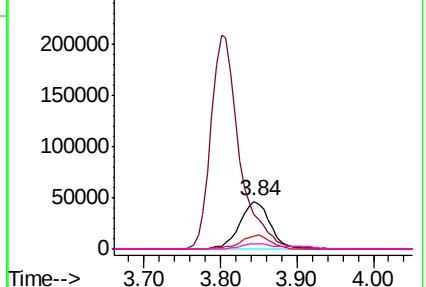


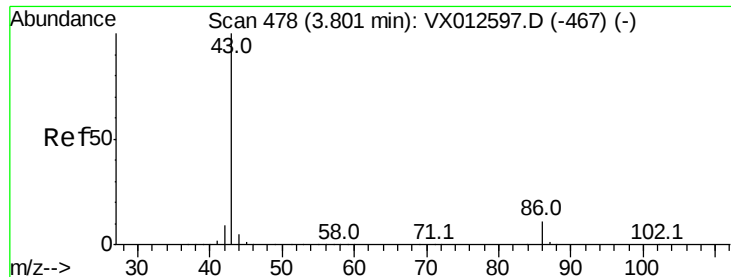
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 86.605 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

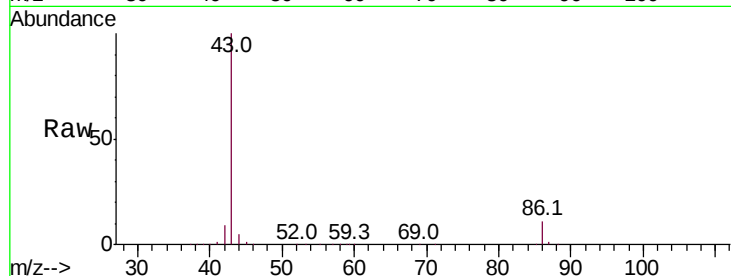
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 539736

Ion Ratio Lower Upper

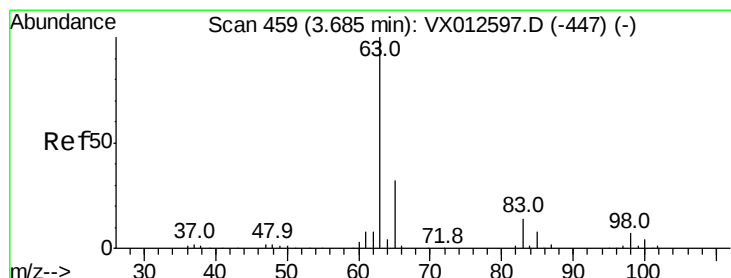
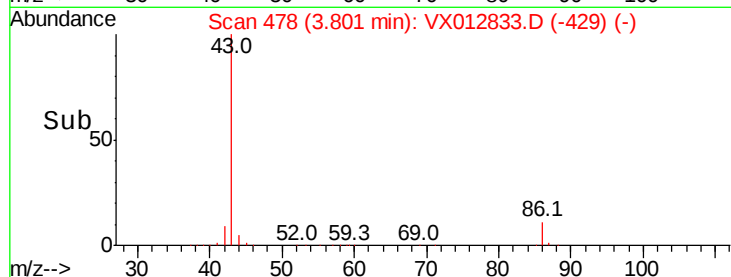
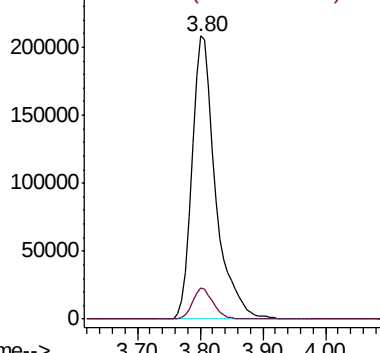
43 100

86 11.0 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 17.983 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

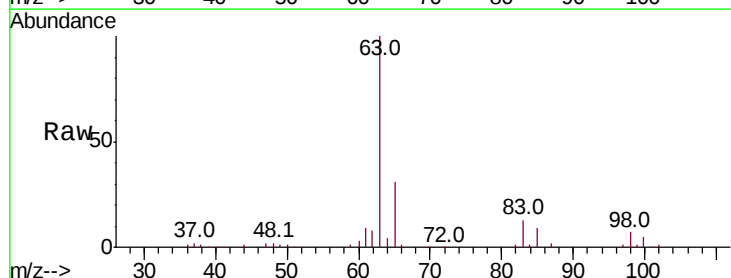
Tgt Ion: 63 Resp: 69466

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

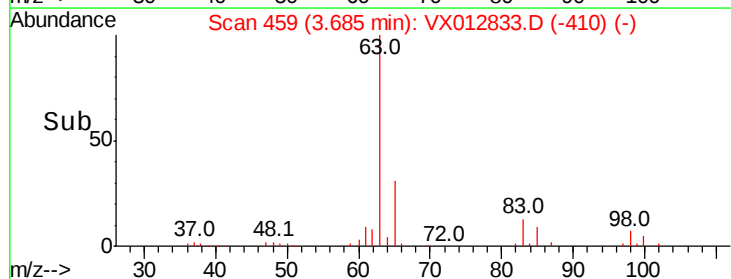
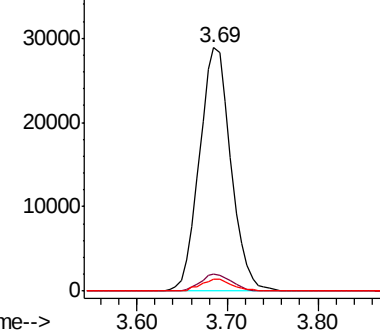
100 4.8 2.3 6.9

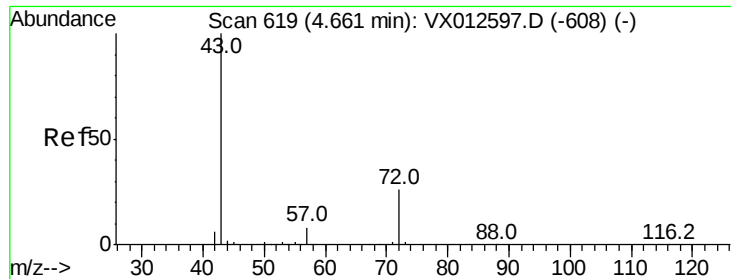


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 86.903 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

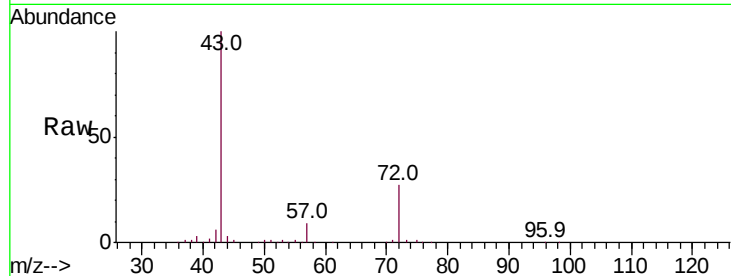
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 165707

Ion Ratio Lower Upper

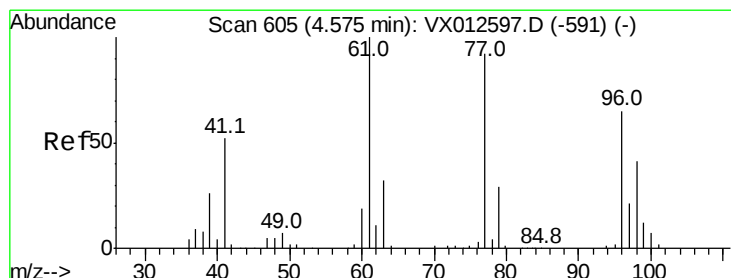
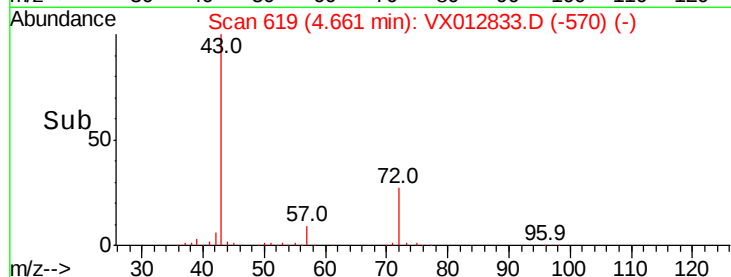
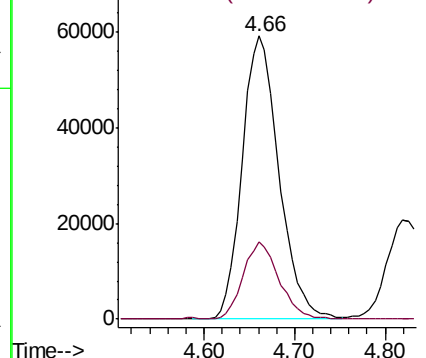
43 100

72 27.0 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: 16.646 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012833.D

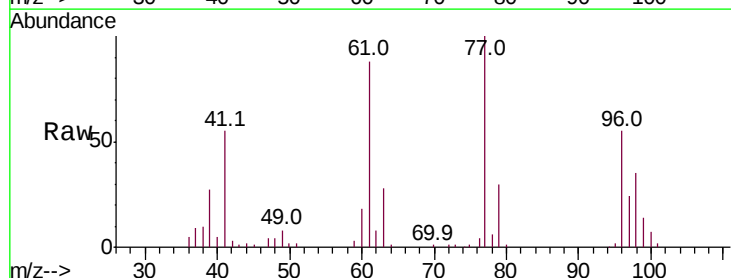
Acq: 07 Oct 2019 13:16

Tgt Ion: 77 Resp: 57192

Ion Ratio Lower Upper

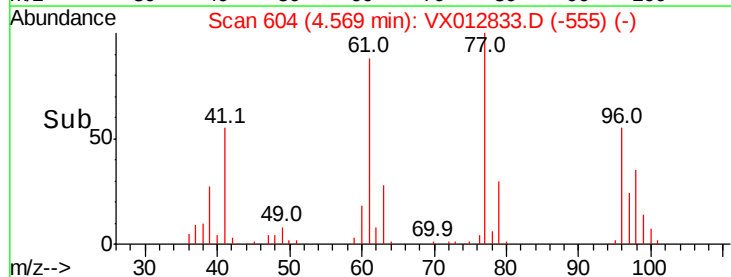
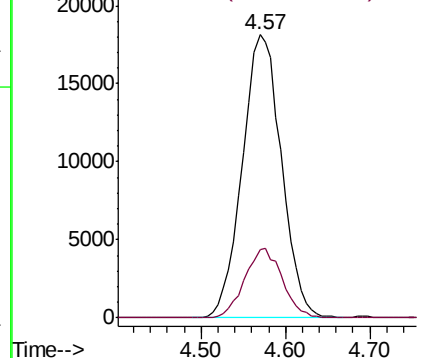
77 100

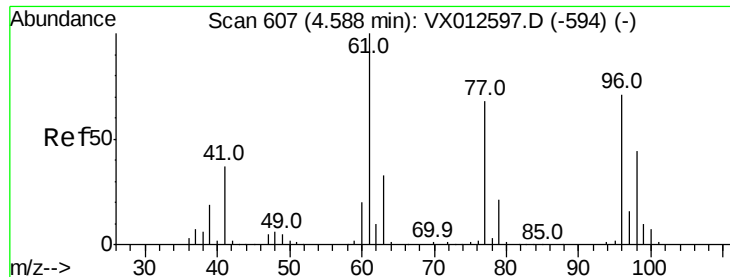
97 23.4 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



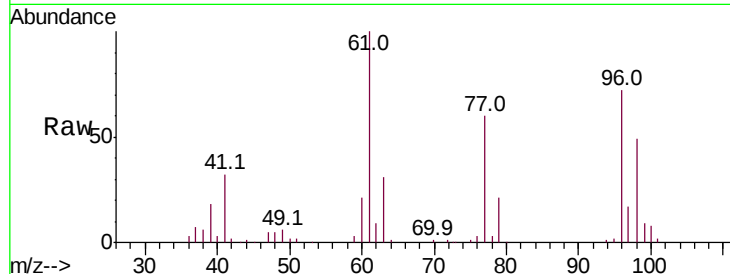


#27

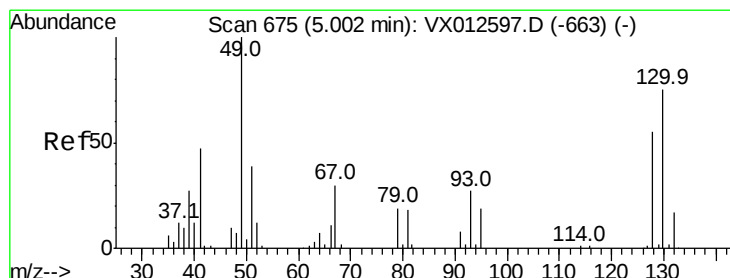
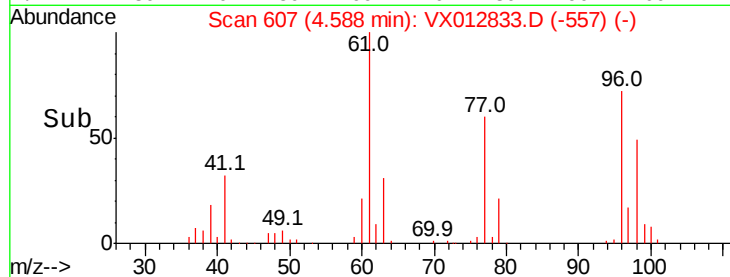
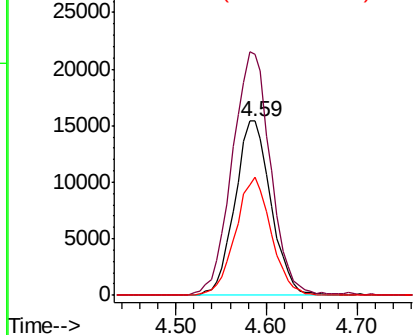
cis-1,2-Dichloroethene
Concen: 17.835 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012833.D
Acq: 07 Oct 2019 13:16

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 42499
Ion Ratio Lower Upper
96 100
61 148.6 0.0 319.4
98 66.7 0.0 130.6



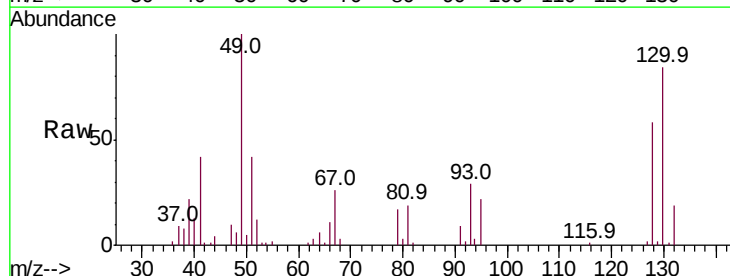
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



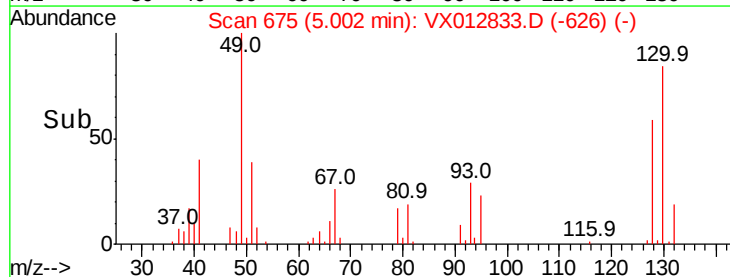
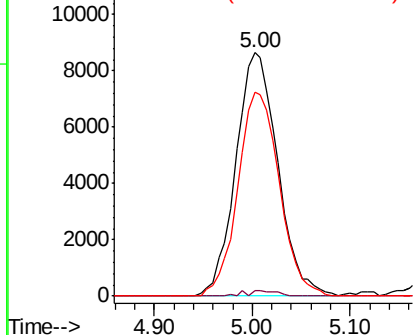
#28

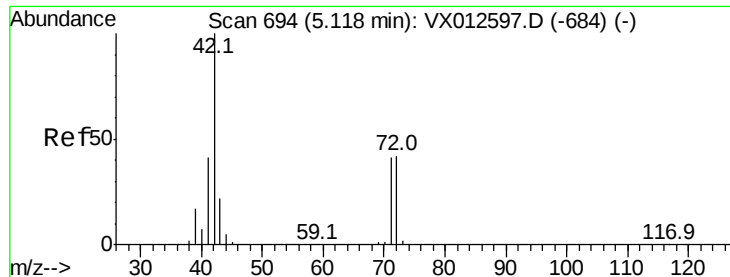
Bromochloromethane
Concen: 18.397 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012833.D
Acq: 07 Oct 2019 13:16

Tgt Ion: 49 Resp: 25805
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.8
130 83.0 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

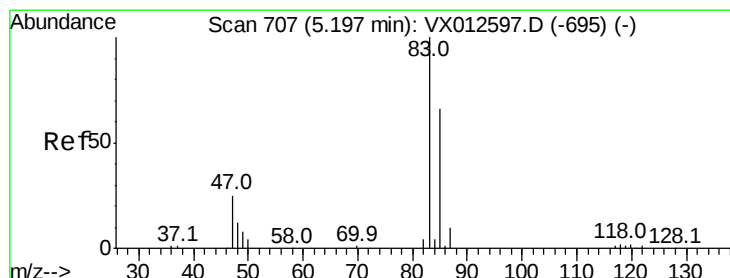
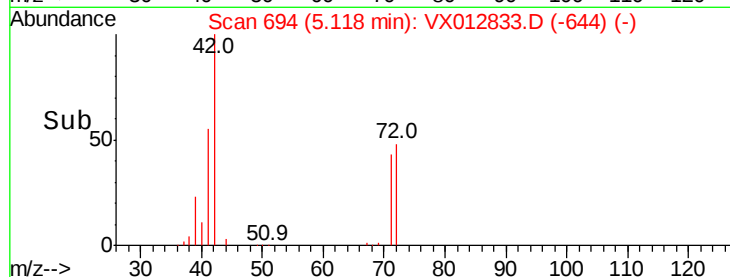
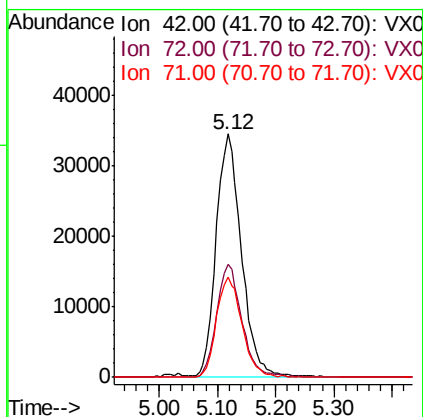
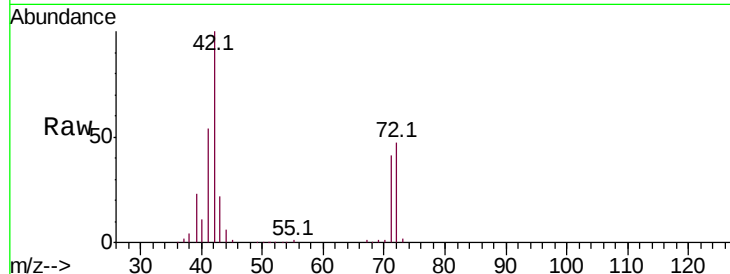




#29
Tetrahydrofuran
Concen: 88.823 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012833.D
Acq: 07 Oct 2019 13:16

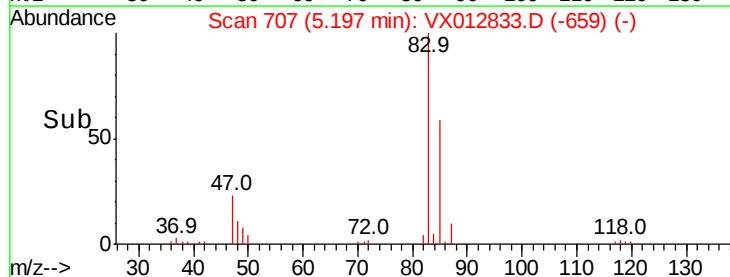
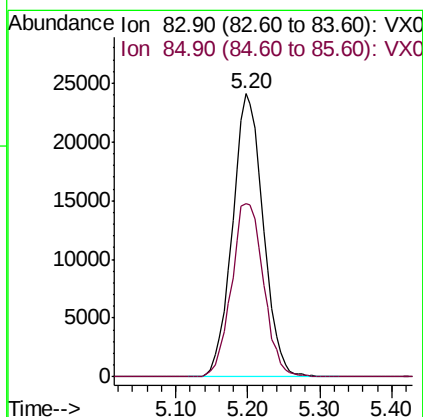
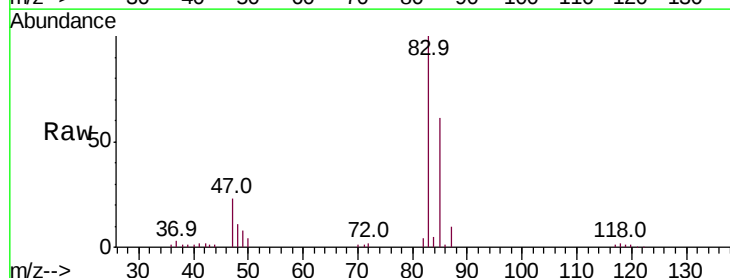
Instrument :
MSVOA_X
ClientSampleId :

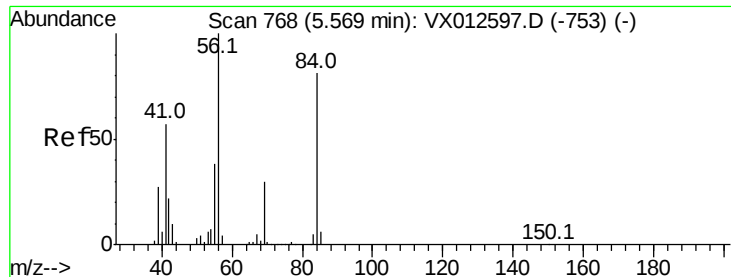
Tot Ion: 42 Resp: 103231
Ion Ratio Lower Upper
42 100
72 46.5 34.0 51.0
71 41.9 31.5 47.3



#30
Chloroform
Concen: 18.055 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012833.D
Acq: 07 Oct 2019 13:16

Tgt Ion: 83 Resp: 71357
Ion Ratio Lower Upper
83 100
85 61.1 53.0 79.4





#31

Cyclohexane

Concen: 17.034 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

Instrument :
MSVOA_X
ClientSampled :

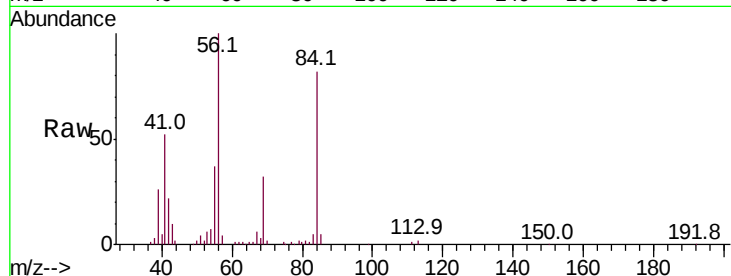
Tot Ion: 56 Resp: 59527

Ion Ratio Lower Upper

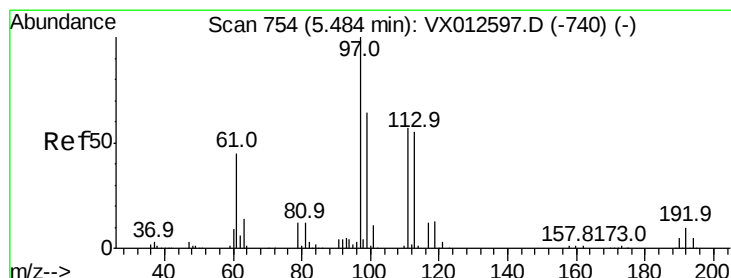
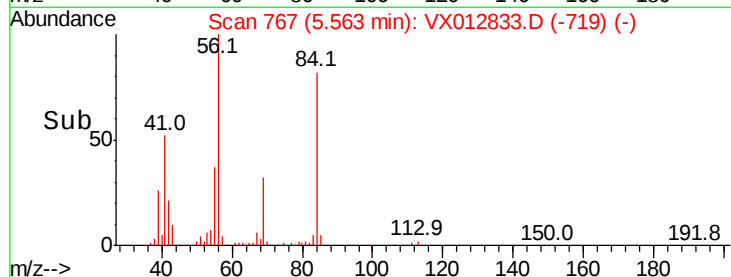
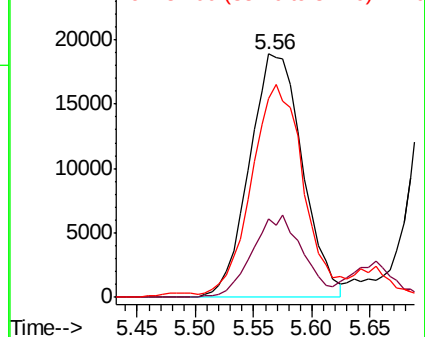
56 100

69 32.0 25.0 37.6

84 79.8 66.4 99.6



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



#32

1,1,1-Trichloroethane

Concen: 17.169 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

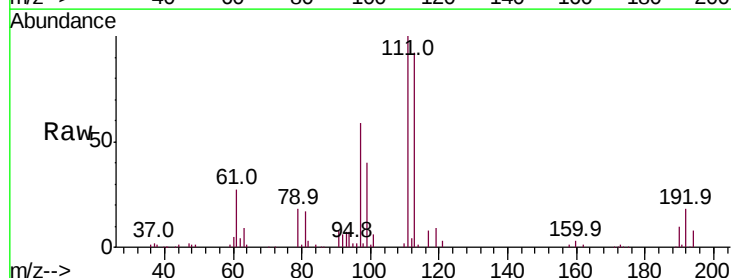
Tgt Ion: 97 Resp: 60139

Ion Ratio Lower Upper

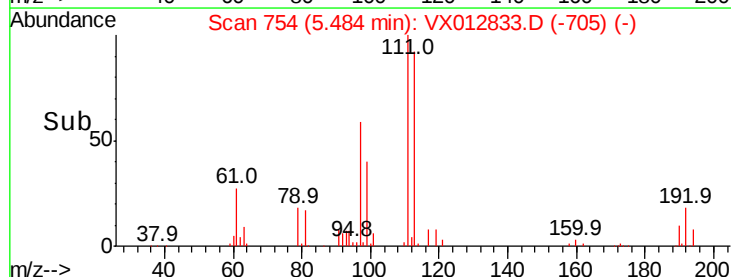
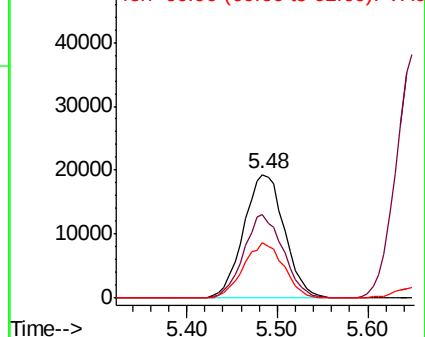
97 100

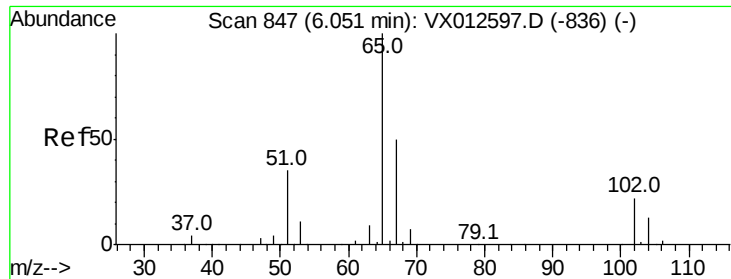
99 65.5 51.3 76.9

61 44.3 36.1 54.1



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

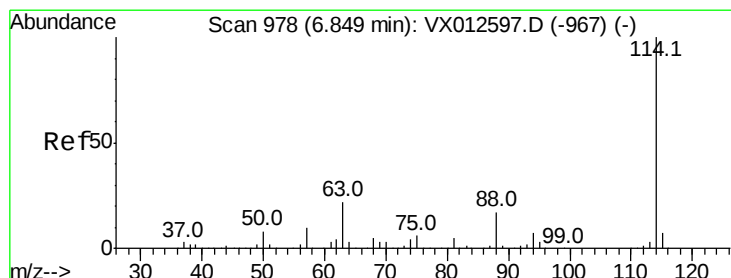
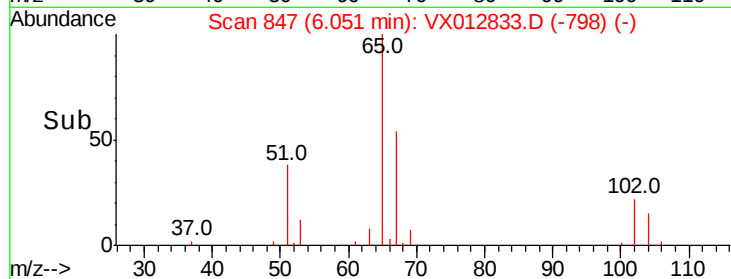
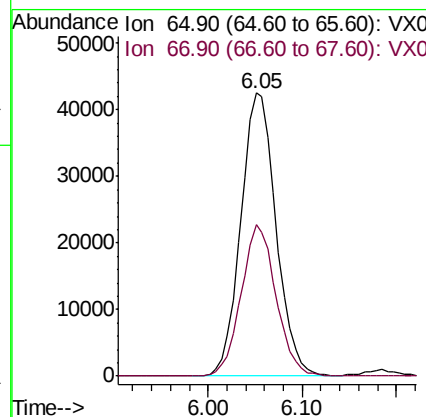
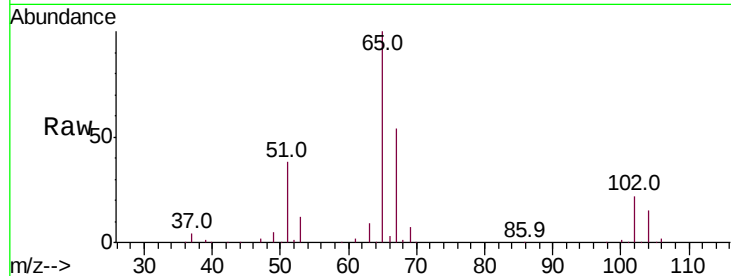




#33
 1,2-Dichloroethane-d4
 Concen: 44.258 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012833.D
 Acq: 07 Oct 2019 13:16

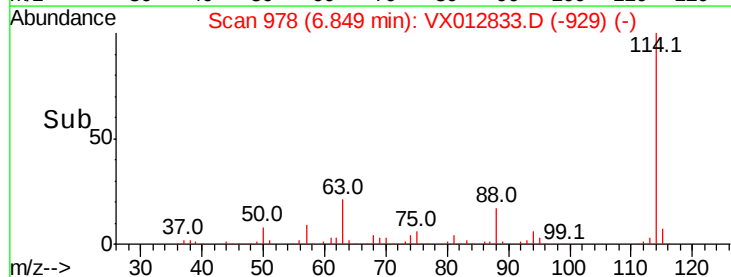
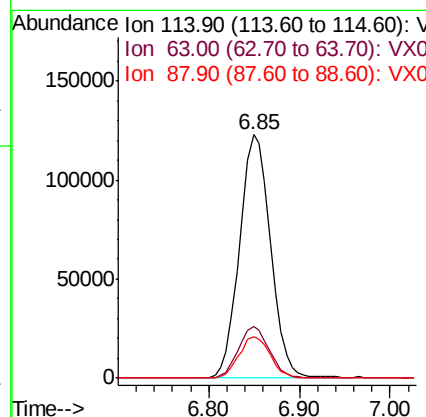
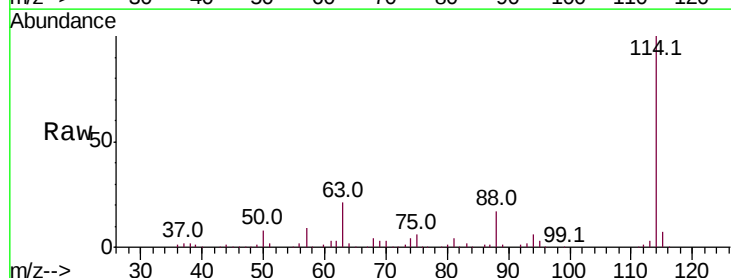
Instrument :
 MSVOA_X
 ClientSampleId :

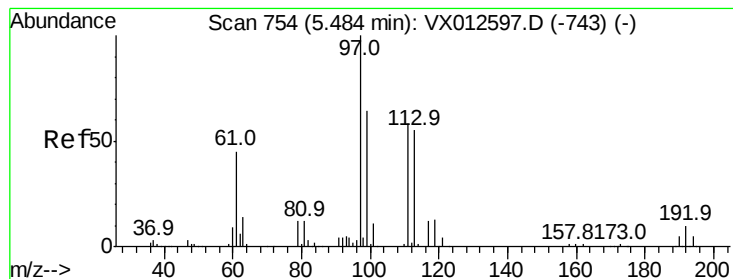
Tot Ion: 65 Resp: 111118
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012833.D
 Acq: 07 Oct 2019 13:16

Tgt Ion: 114 Resp: 292510
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.2
 88 17.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.961 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

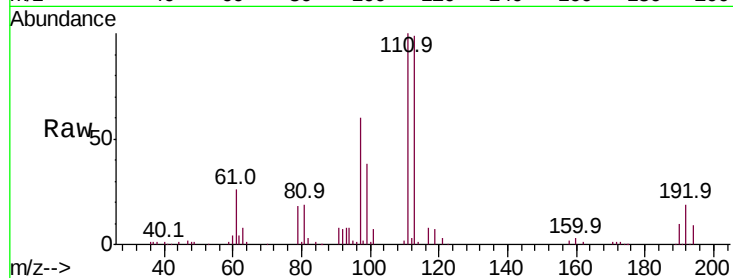
Tot Ion:113 Resp: 88776

Ion Ratio Lower Upper

113 100

111 103.4 83.4 125.2

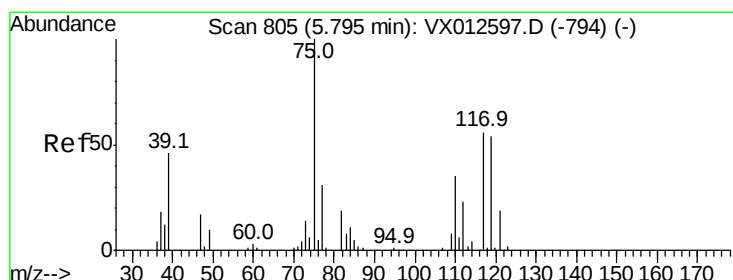
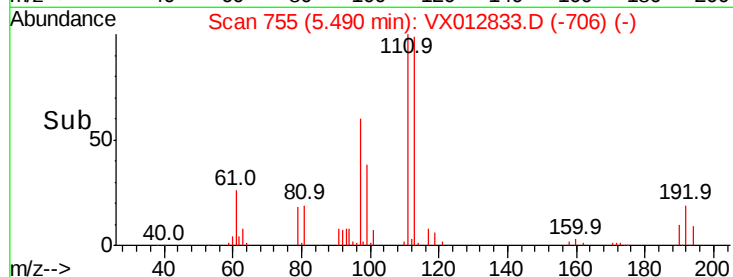
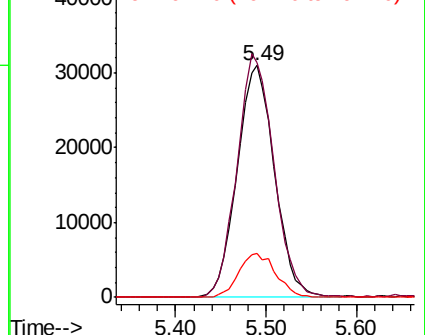
192 18.7 14.4 21.6



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: 17.219 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

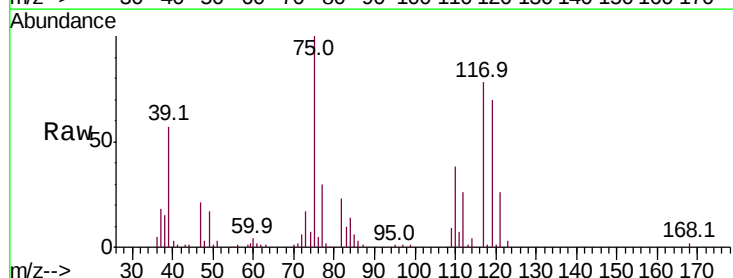
Tgt Ion: 75 Resp: 48548

Ion Ratio Lower Upper

75 100

110 36.3 16.7 50.0

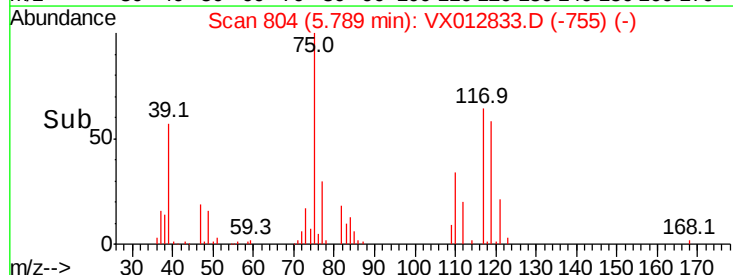
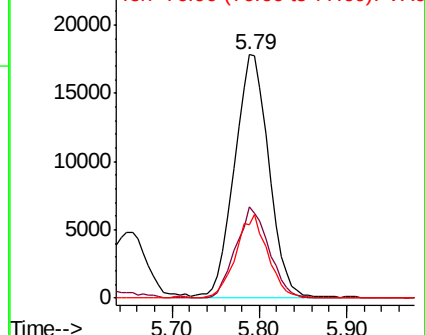
77 31.9 24.2 36.2

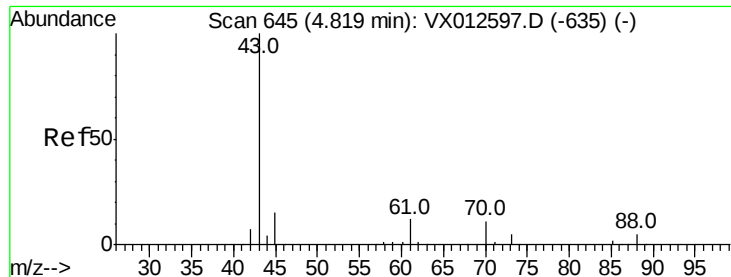


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 18.361 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

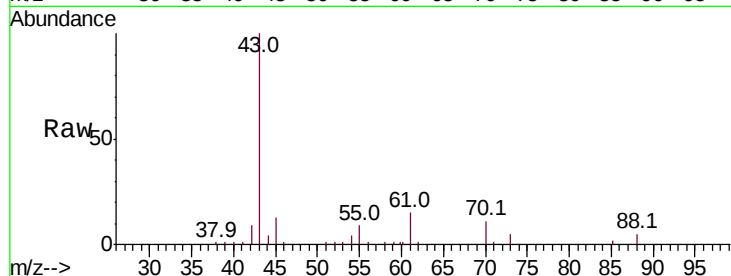
Tot Ion: 43 Resp: 60523

Ion Ratio Lower Upper

43 100

61 15.1 10.2 15.4

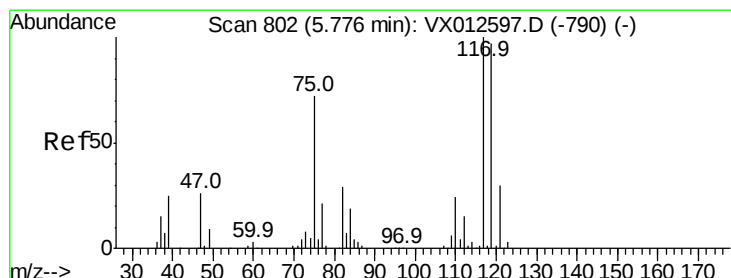
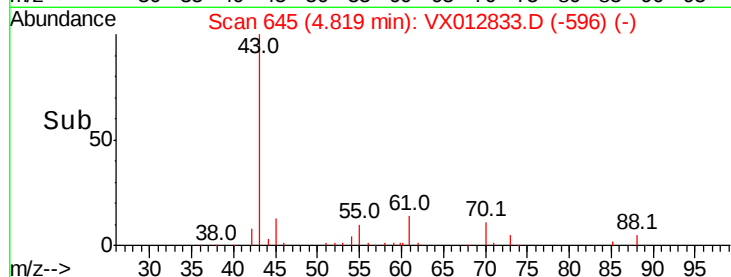
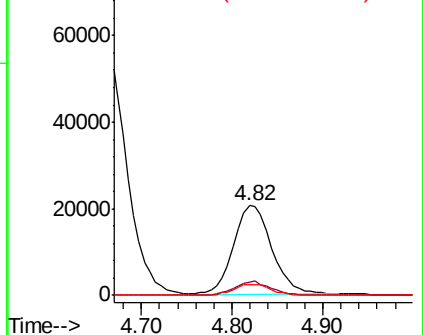
70 12.2 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 17.835 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

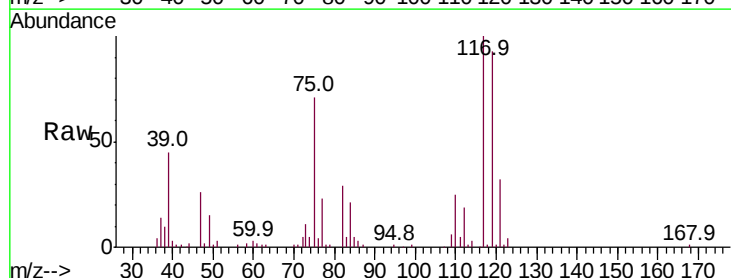
Tgt Ion: 117 Resp: 51082

Ion Ratio Lower Upper

117 100

119 93.3 75.7 113.5

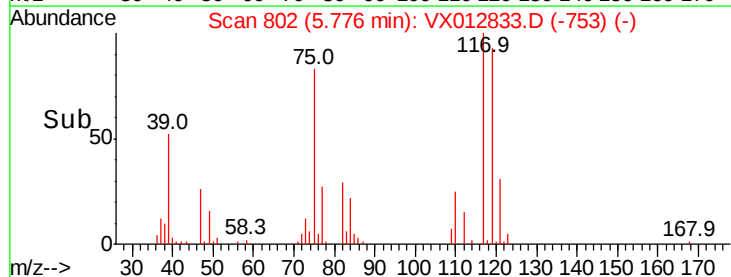
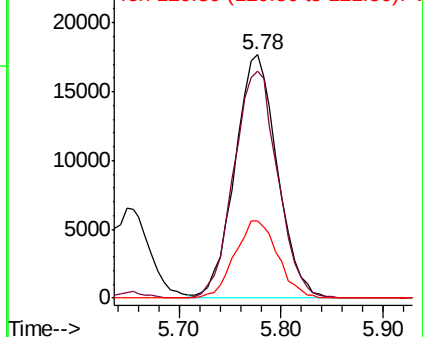
121 31.5 24.2 36.4

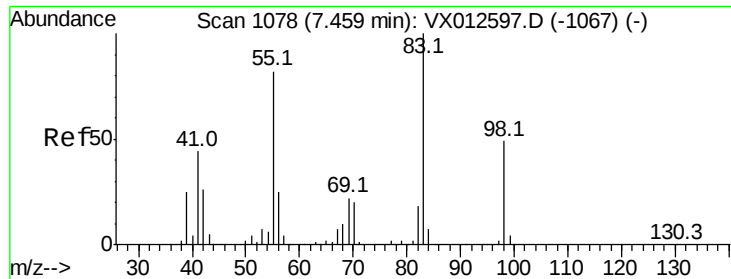


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

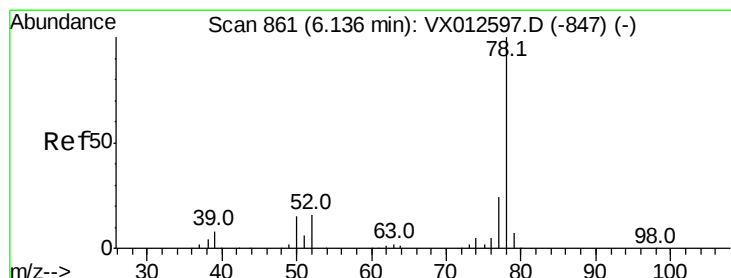
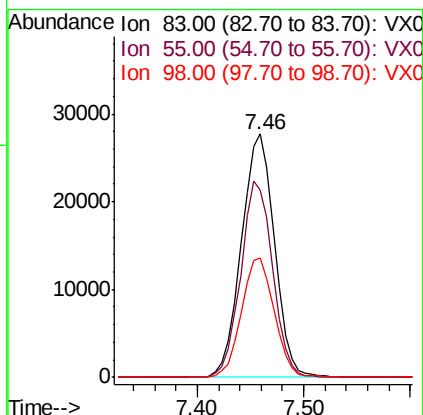
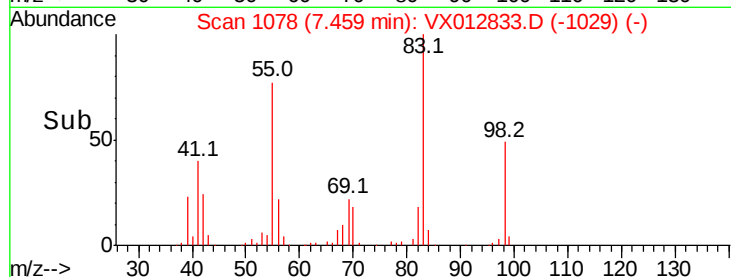
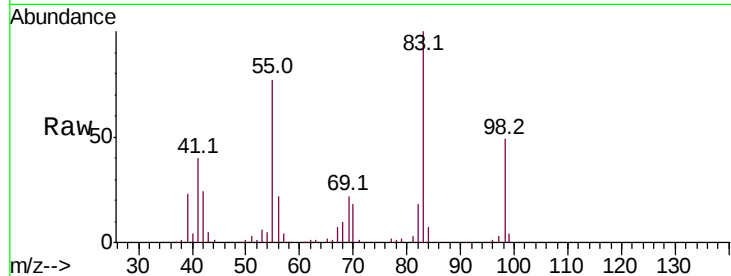




#39
Methvlcvclohexane
Concen: 17.840 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012833.D
Acq: 07 Oct 2019 13:16

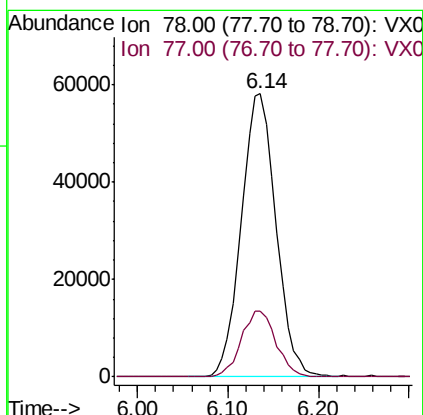
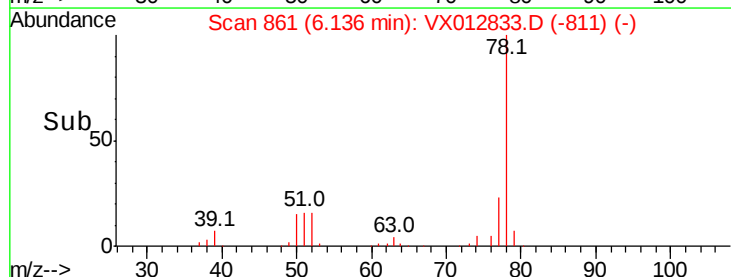
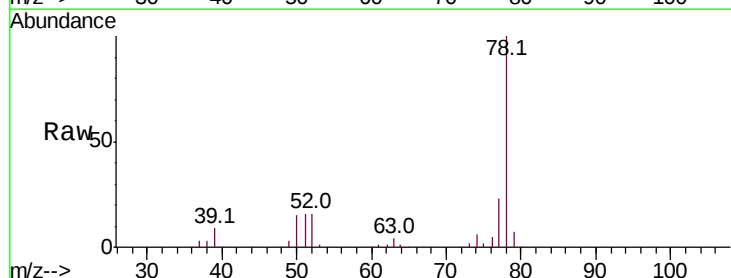
Instrument :
MSVOA_X
ClientSampleId :

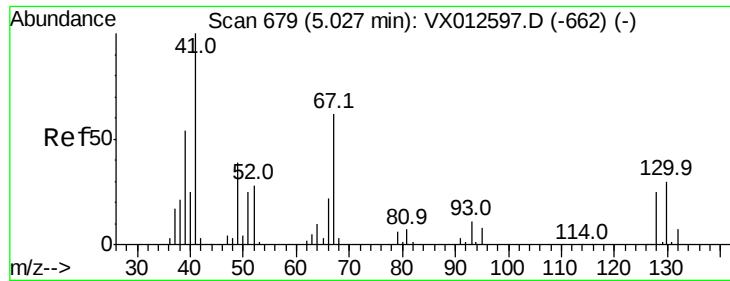
Tot Ion: 83 Resp: 60553
Ion Ratio Lower Upper
83 100
55 77.1 64.4 96.6
98 49.0 40.1 60.1



#40
Benzene
Concen: 18.591 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012833.D
Acq: 07 Oct 2019 13:16

Tgt Ion: 78 Resp: 154223
Ion Ratio Lower Upper
78 100
77 23.4 19.2 28.8

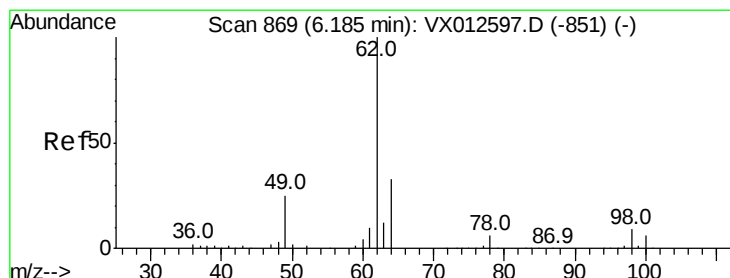
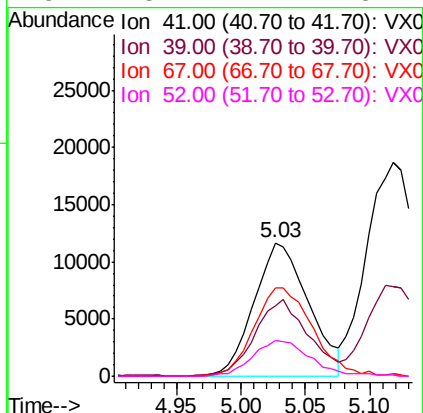
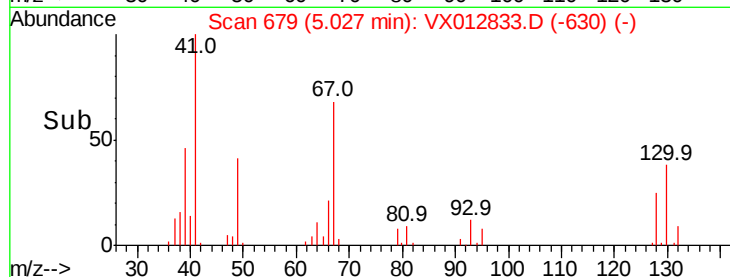
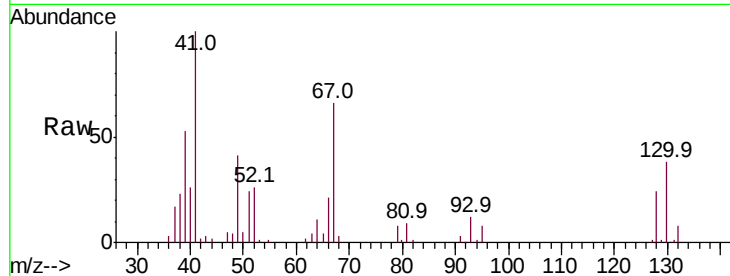




#41
Methacrylonitrile
Concen: 18.539 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012833.D
Acq: 07 Oct 2019 13:16

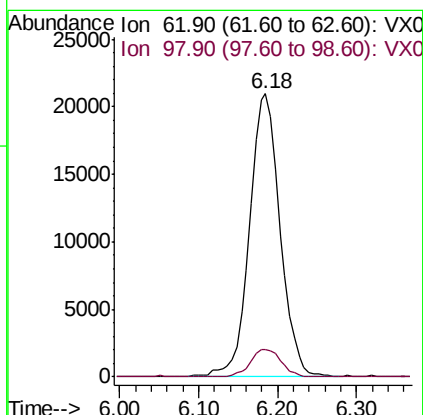
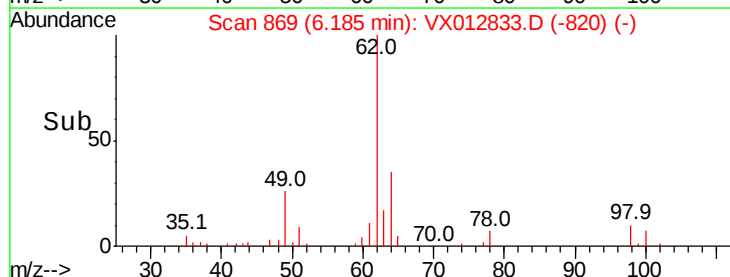
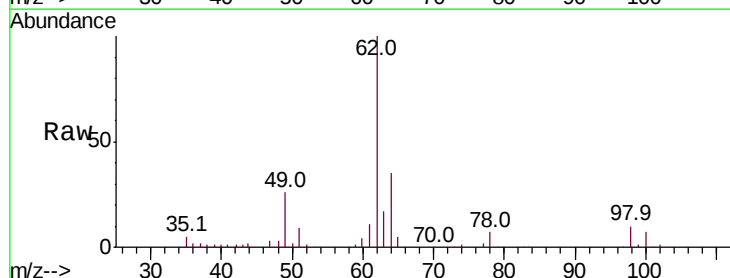
Instrument :
MSVOA_X
ClientSampled :

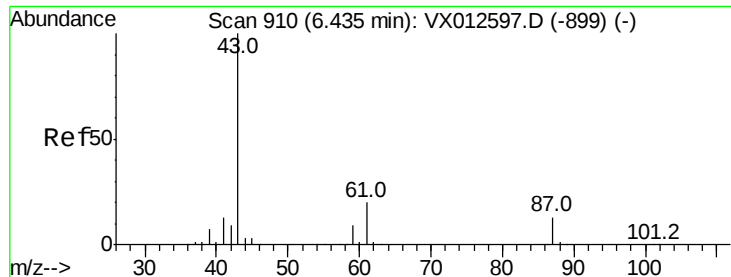
Tot Ion:	41	Resp:	34287
Ion	Ratio	Lower	Upper
41	100		
39	56.2	46.0	69.0
67	71.5	52.2	78.2
52	28.7	22.7	34.1



#42
1,2-Dichloroethane
Concen: 17.900 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012833.D
Acq: 07 Oct 2019 13:16

Tgt Ion:	62	Resp:	56389
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	17.8



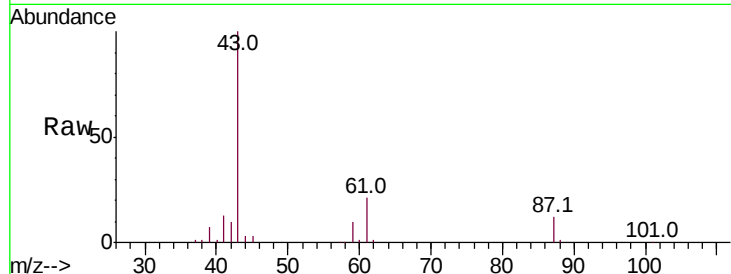


#43

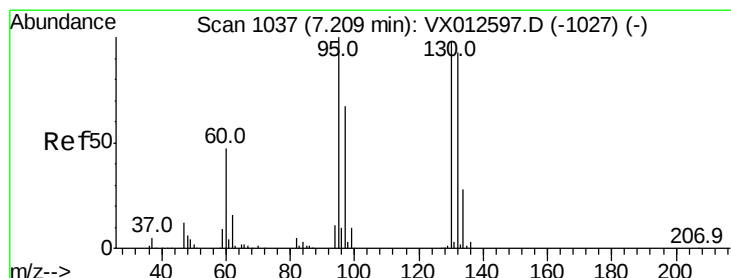
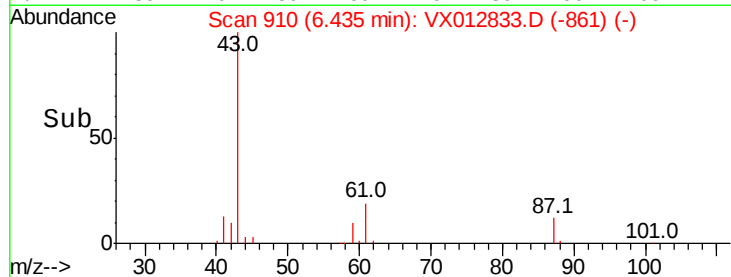
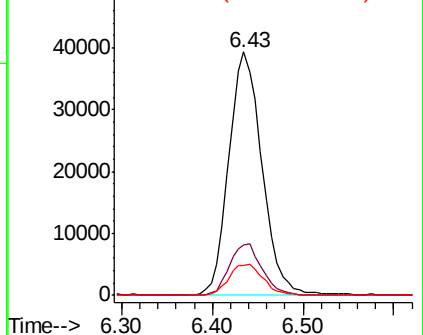
Isopropyl Acetate
 Concen: 18.175 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012833.D
 Acq: 07 Oct 2019 13:16

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 43 Resp: 100185
 Ion Ratio Lower Upper
 43 100
 61 20.7 15.4 23.0
 87 13.3 9.8 14.8



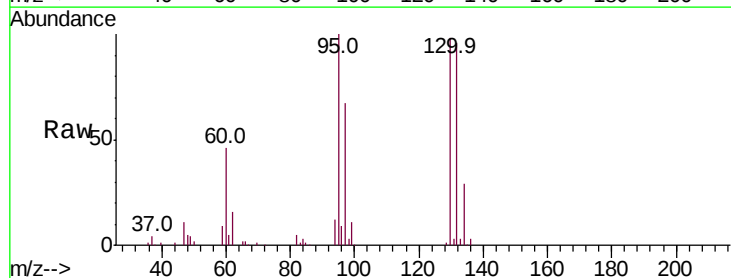
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



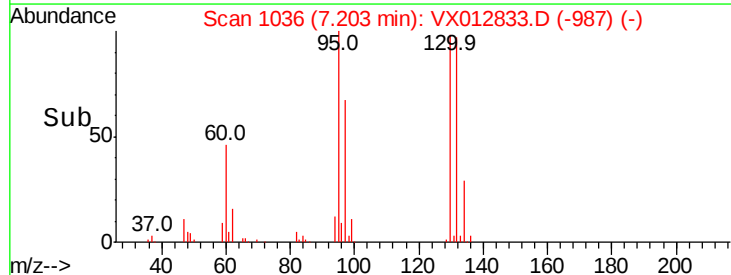
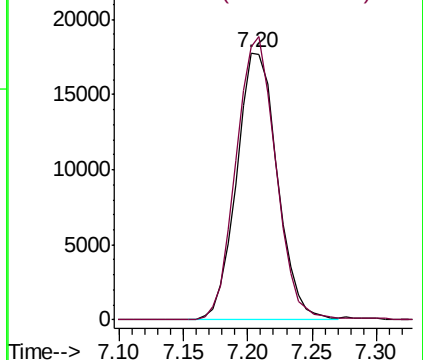
#44

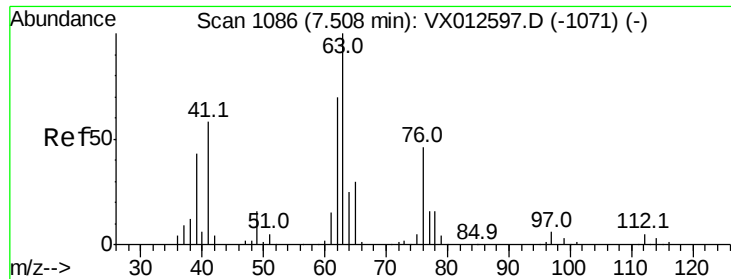
Trichloroethene
 Concen: 18.389 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX012833.D
 Acq: 07 Oct 2019 13:16

Tgt Ion:130 Resp: 38999
 Ion Ratio Lower Upper
 130 100
 95 102.3 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: 18.974 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

Instrument :

MSVOA_X

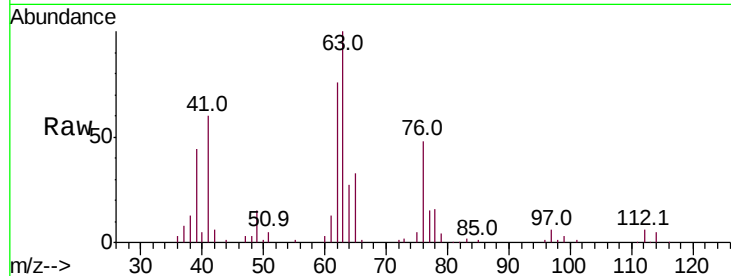
ClientSampleId :

Tot Ion: 63 Resp: 40299

Ion Ratio Lower Upper

63 100

65 33.3 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

20000

15000

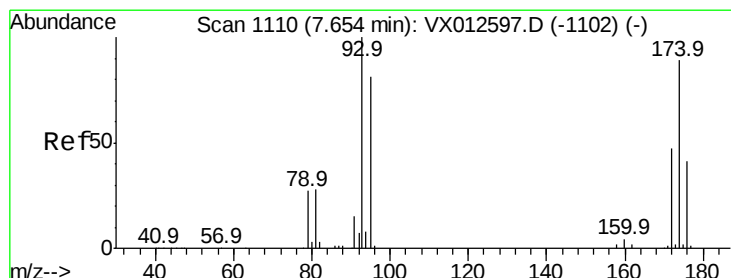
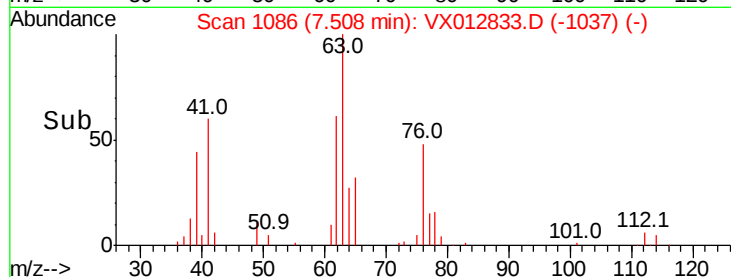
10000

5000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 18.177 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

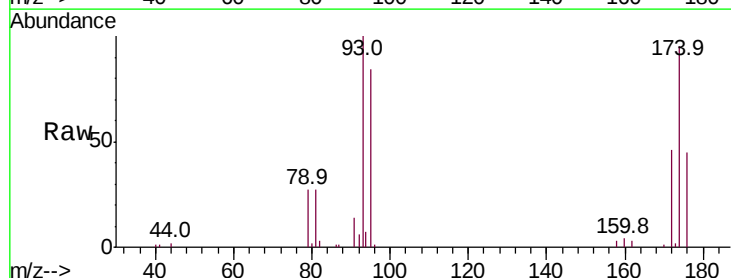
Tgt Ion: 93 Resp: 26285

Ion Ratio Lower Upper

93 100

95 85.7 66.6 100.0

174 99.3 77.4 116.0



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

15000

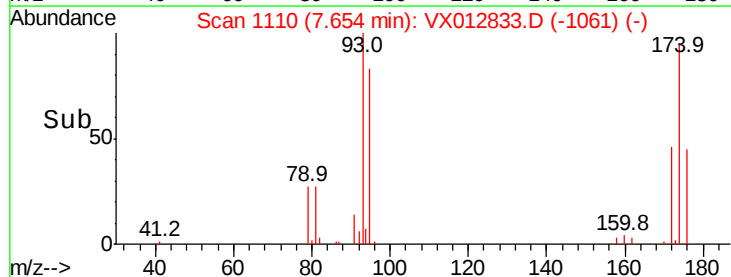
10000

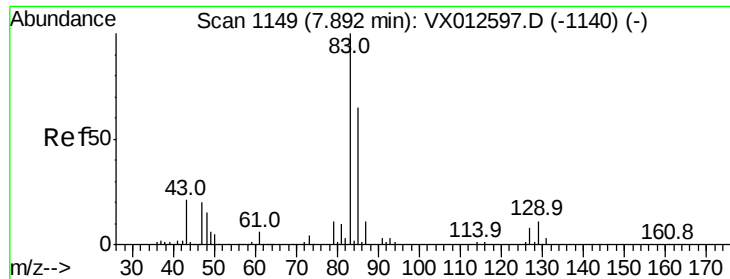
5000

0

7.55 7.60 7.65 7.70 7.75

Time-->





#47

Bromodichloromethane

Concen: 18.424 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :

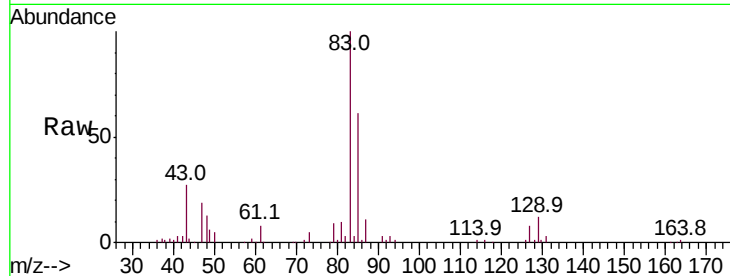
Tot Ion: 83 Resp: 53248

Ion Ratio Lower Upper

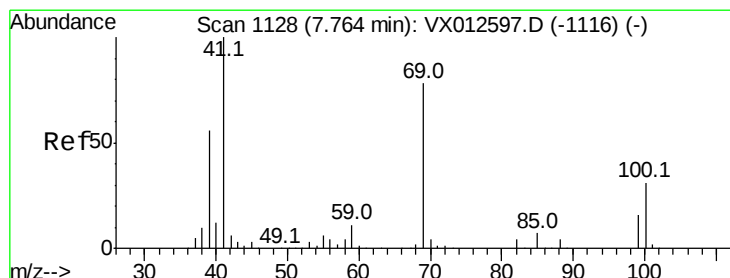
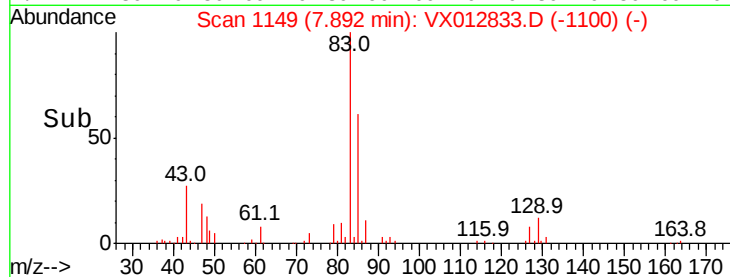
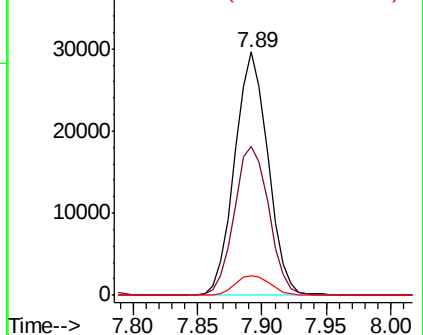
83 100

85 61.2 51.8 77.6

127 7.8 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: 17.734 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

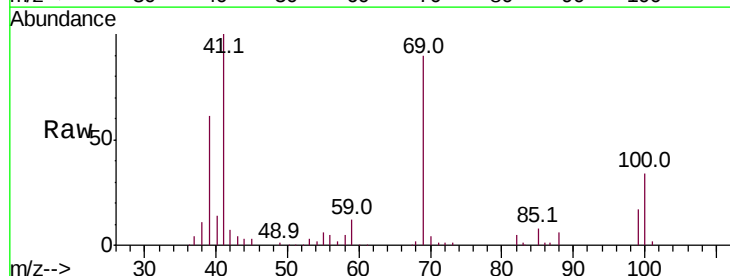
Tgt Ion: 41 Resp: 46874

Ion Ratio Lower Upper

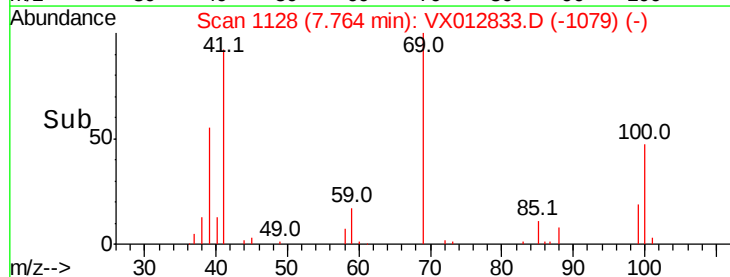
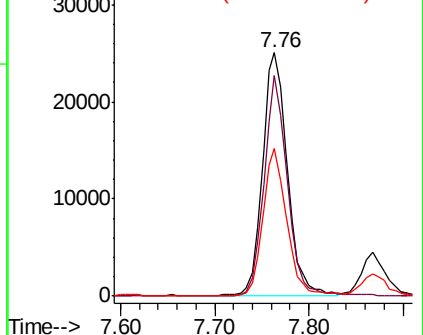
41 100

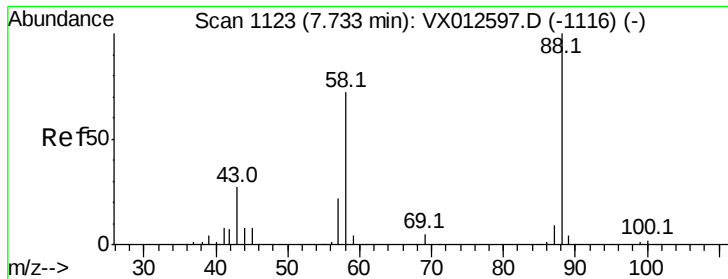
69 84.0 59.9 89.9

39 58.1 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: 395.152 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

Instrument :
MSVOA_X
ClientSampled :

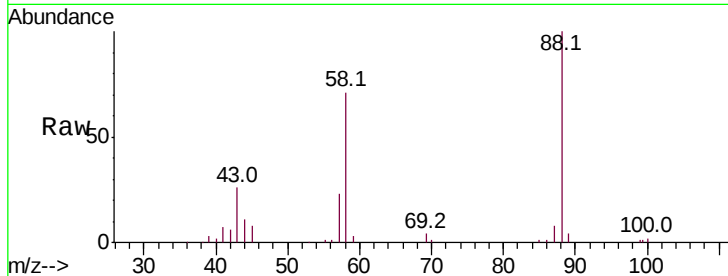
Tot Ion: 88 Resp: 23690

Ion Ratio Lower Upper

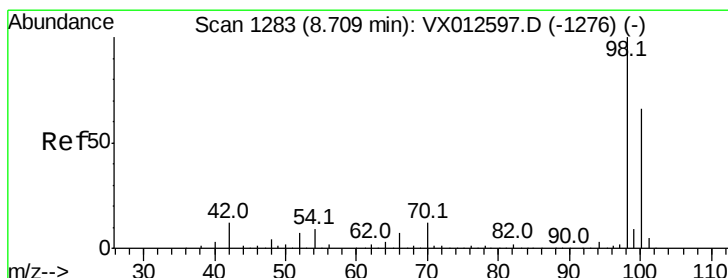
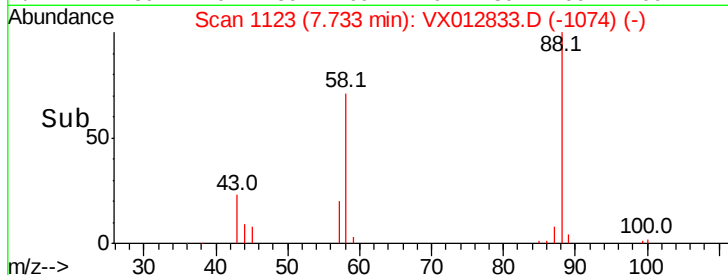
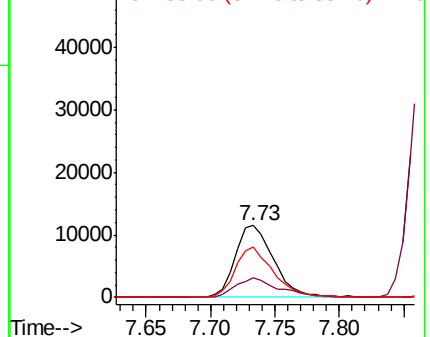
88 100

43 30.5 29.4 44.0

58 69.8 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: 49.587 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012833.D

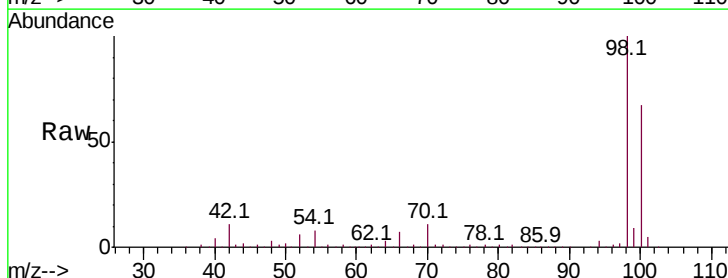
Acq: 07 Oct 2019 13:16

Tgt Ion: 98 Resp: 332660

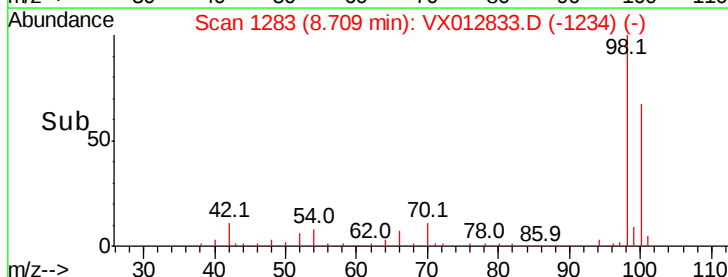
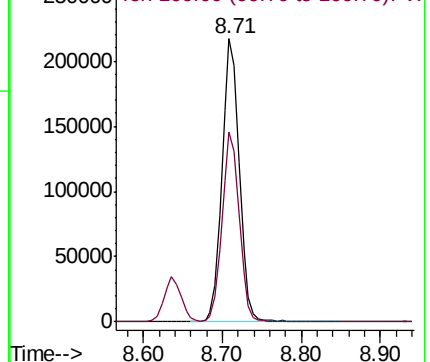
Ion Ratio Lower Upper

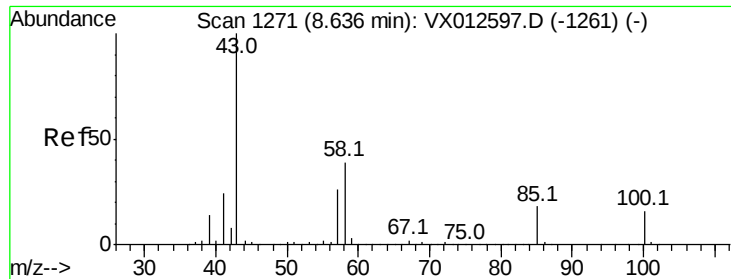
98 100

100 66.5 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: 91.036 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

Instrument :

MSVOA_X

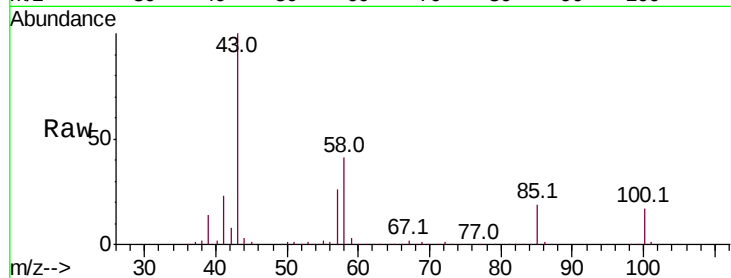
ClientSampled :

Tot Ion: 43 Resp: 309769

Ion Ratio Lower Upper

43 100

58 40.4 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

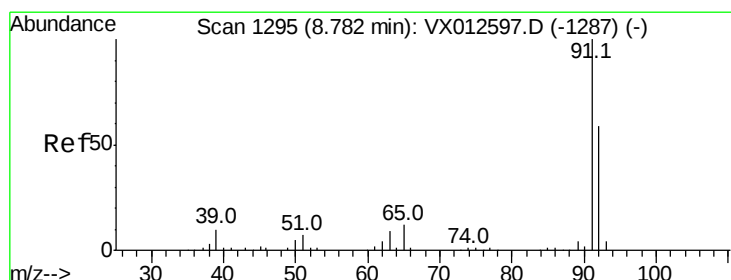
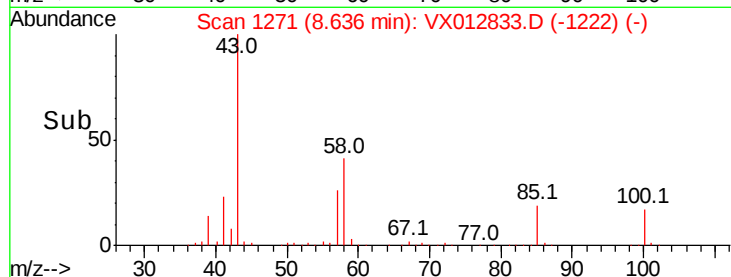
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.820 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012833.D

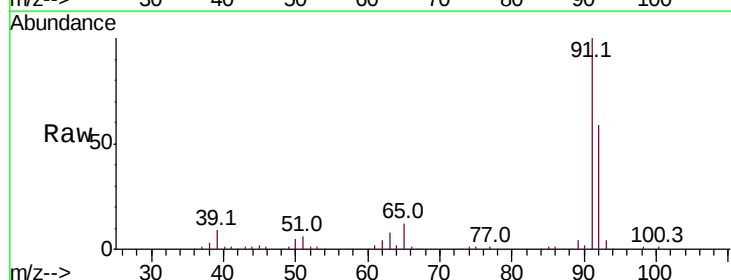
Acq: 07 Oct 2019 13:16

Tgt Ion: 92 Resp: 98126

Ion Ratio Lower Upper

92 100

91 167.9 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

120000

100000

80000

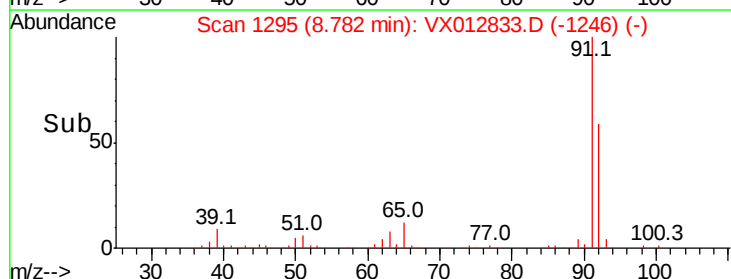
60000

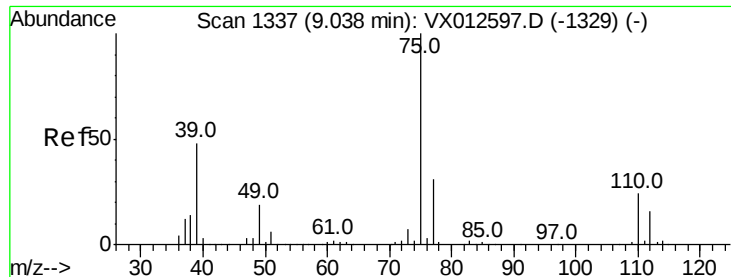
40000

20000

0

Time-->

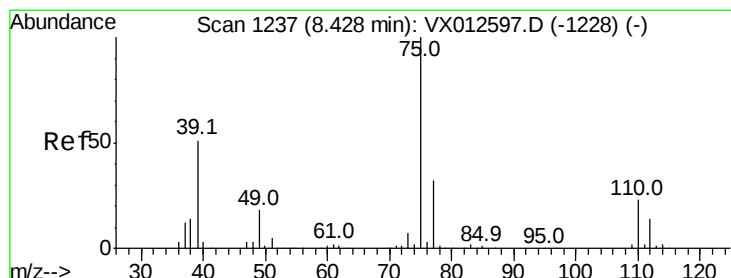
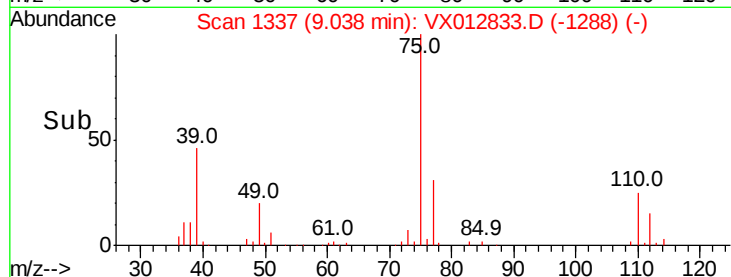
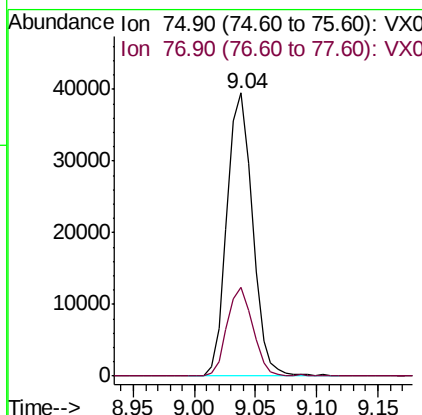
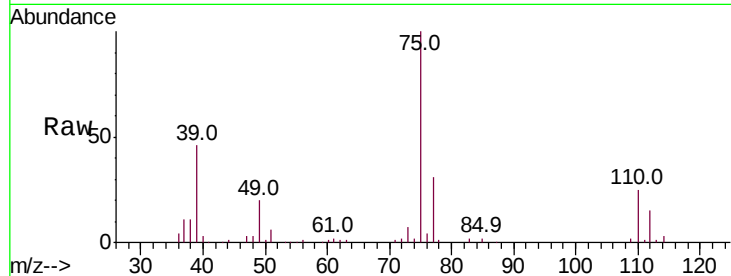




#53
 t-1,3-Dichloropropene
 Concen: 17.972 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012833.D
 Acq: 07 Oct 2019 13:16

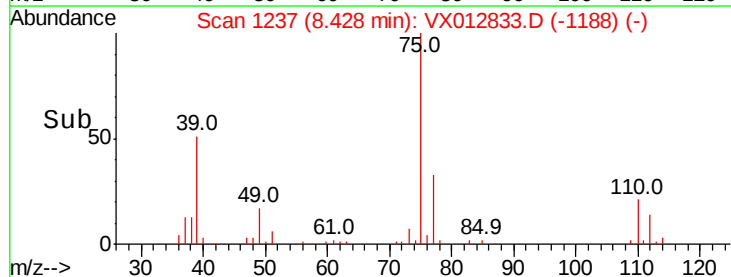
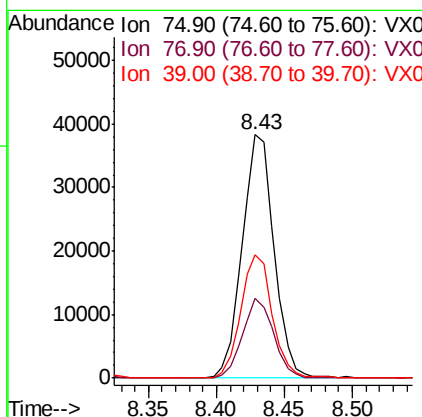
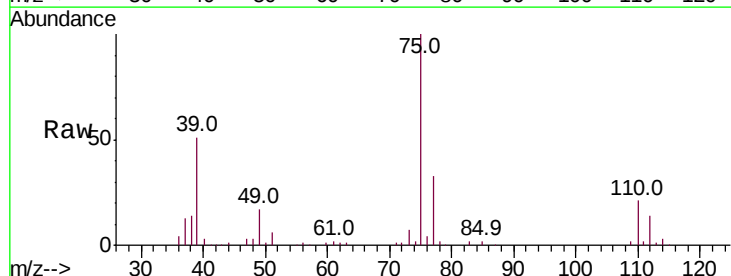
Instrument :
 MSVOA_X
 ClientSampleId :

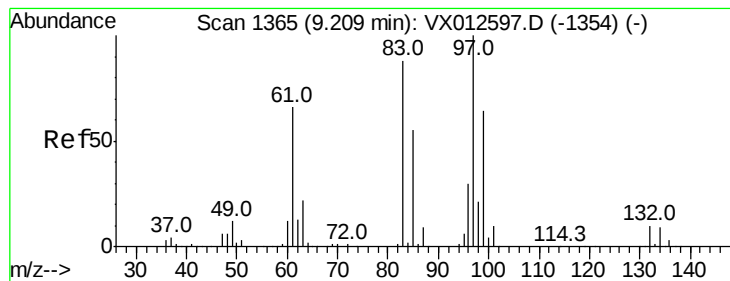
Tot Ion: 75 Resp: 57468
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 18.006 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012833.D
 Acq: 07 Oct 2019 13:16

Tgt Ion: 75 Resp: 62864
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.8 38.8
 39 50.8 45.5 68.3





#55

1,1,2-Trichloroethane

Concen: 19.618 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 40667

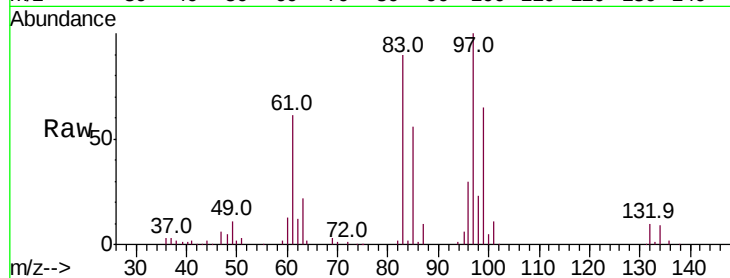
Ion Ratio Lower Upper

97 100

83 89.6 67.4 101.2

85 55.6 43.5 65.3

99 64.9 51.8 77.8

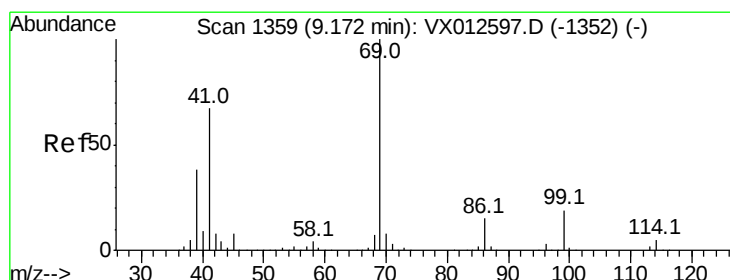
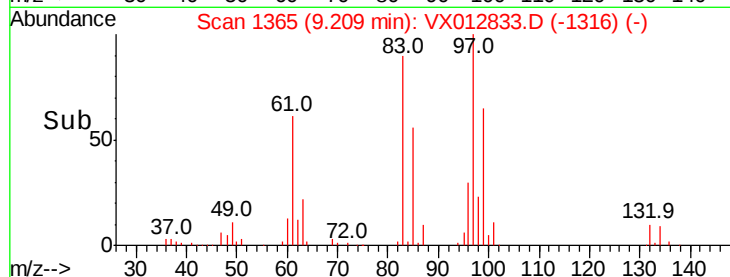
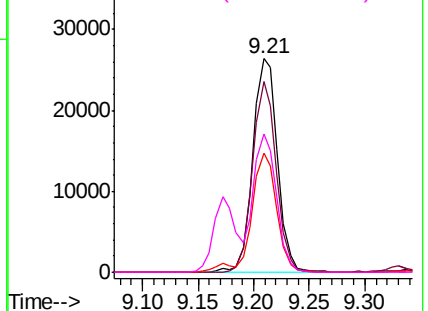


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 18.501 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

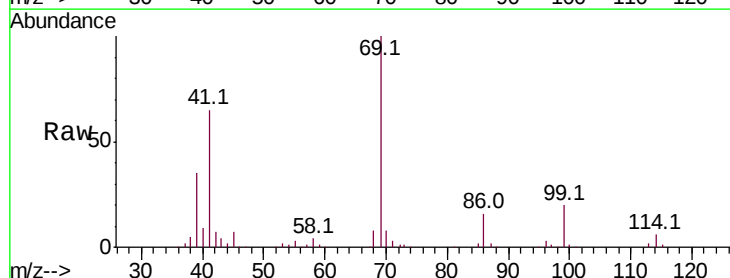
Tgt Ion: 69 Resp: 64431

Ion Ratio Lower Upper

69 100

41 66.5 58.4 87.6

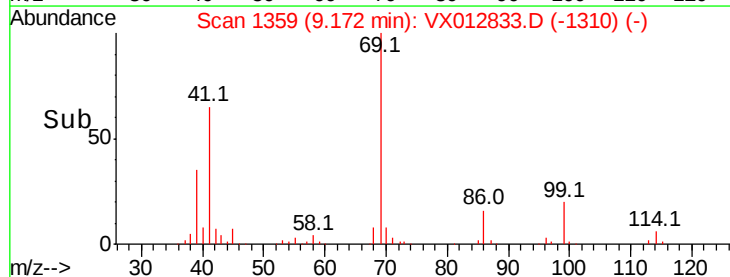
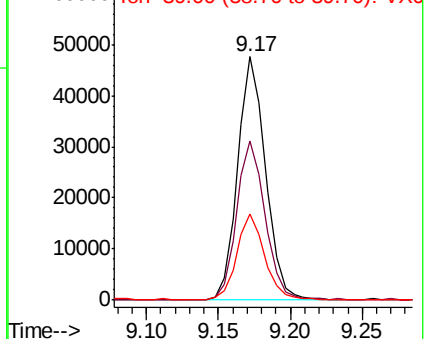
39 35.9 33.4 50.0

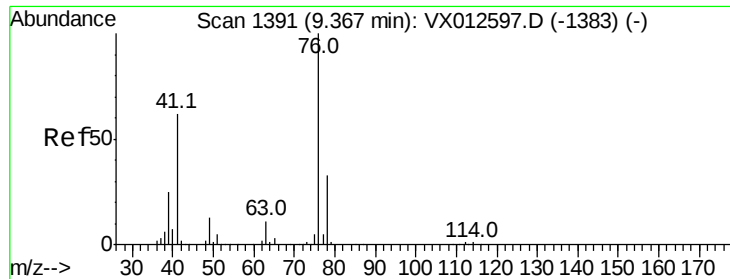


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.001 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

Instrument :

MSVOA_X

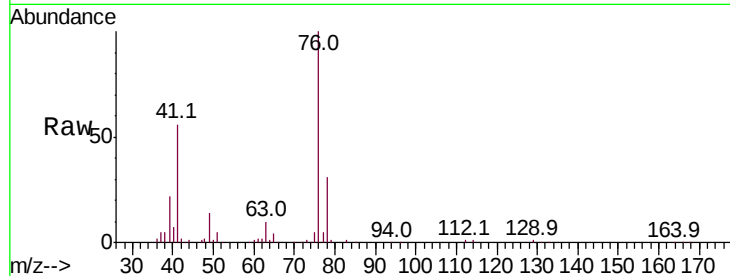
ClientSampleId :

Tot Ion: 76 Resp: 68935

Ion Ratio Lower Upper

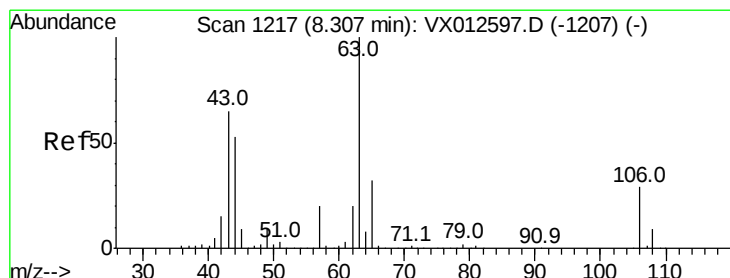
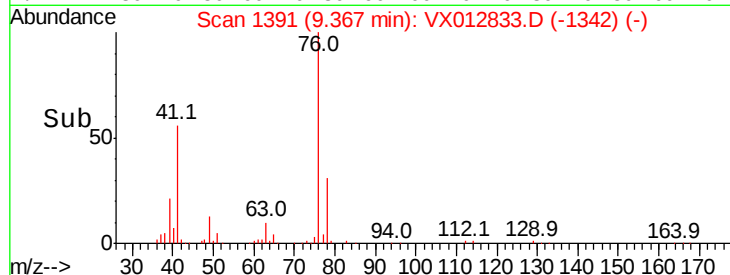
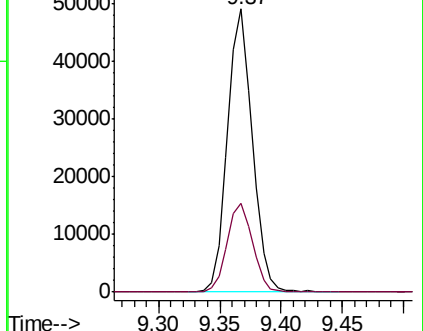
76 100

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: 99.138 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012833.D

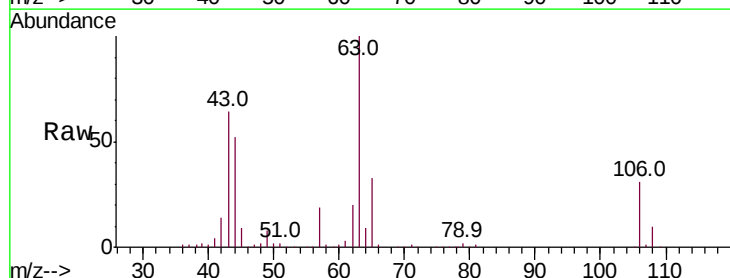
Acq: 07 Oct 2019 13:16

Tgt Ion: 63 Resp: 154973

Ion Ratio Lower Upper

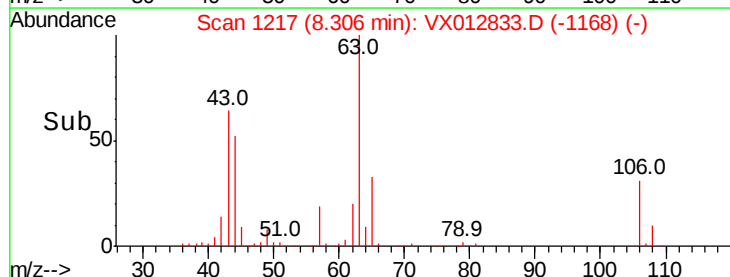
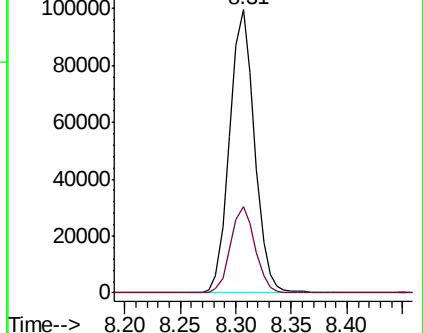
63 100

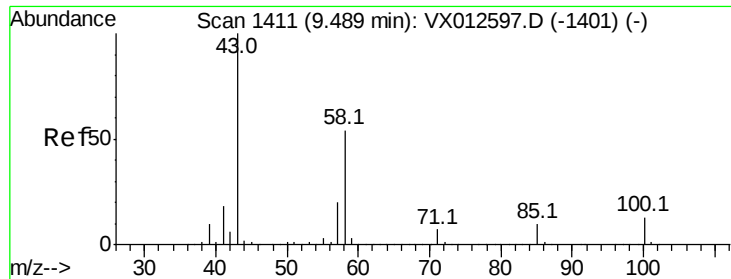
106 30.1 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

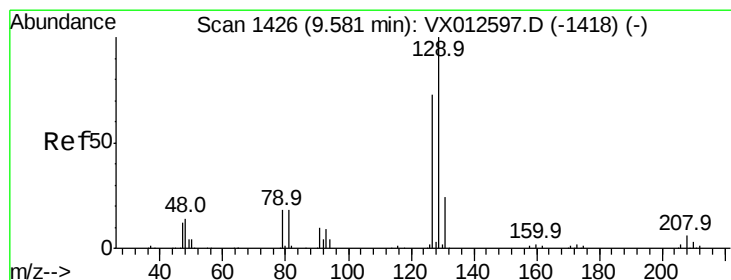
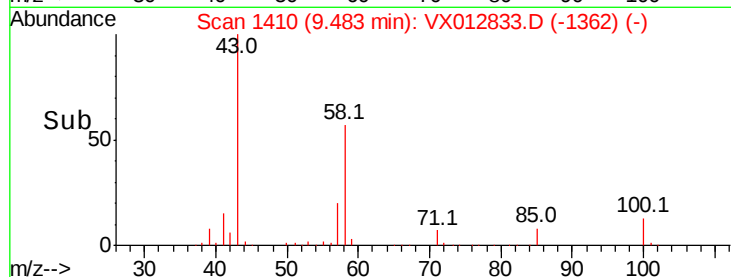
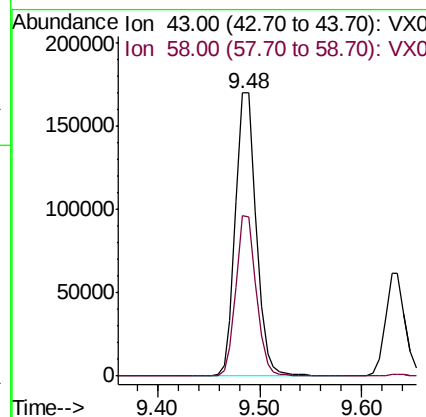
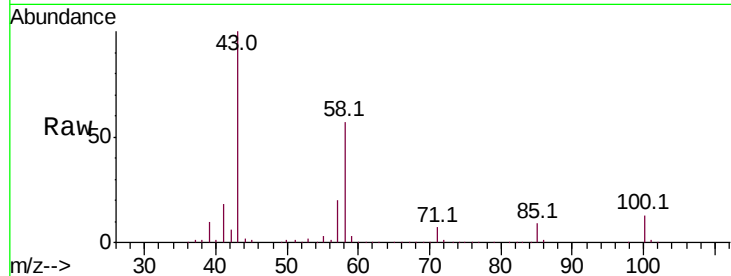




#59
2-Hexanone
Concen: 92.196 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012833.D
Acq: 07 Oct 2019 13:16

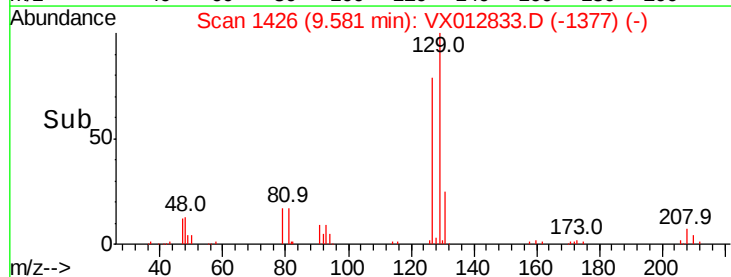
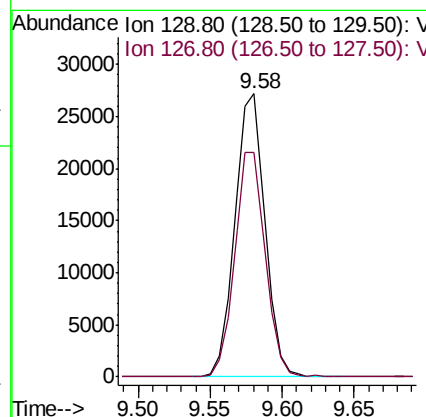
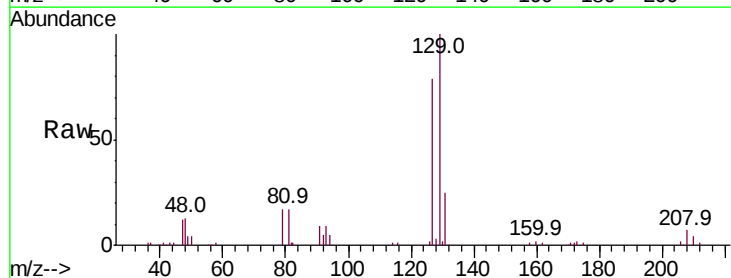
Instrument :
MSVOA_X
ClientSampleId :

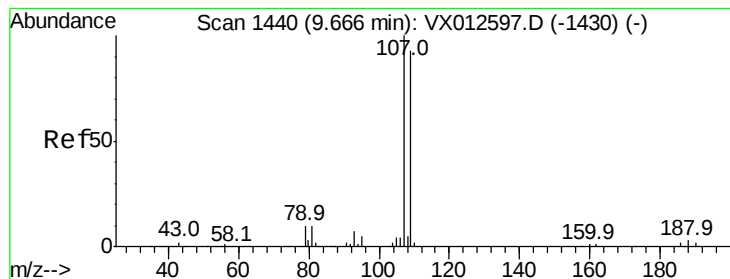
Tot Ion: 43 Resp: 240131
Ion Ratio Lower Upper
43 100
58 55.3 25.7 77.1



#60
Dibromochloromethane
Concen: 18.942 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012833.D
Acq: 07 Oct 2019 13:16

Tgt Ion: 129 Resp: 39748
Ion Ratio Lower Upper
129 100
127 80.5 38.9 116.6





#61

1,2-Dibromoethane

Concen: 19.183 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

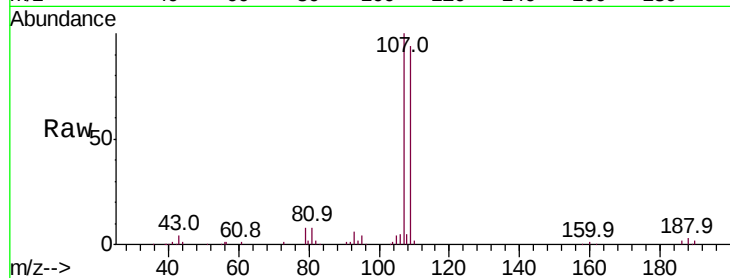
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:107 Resp: 41385

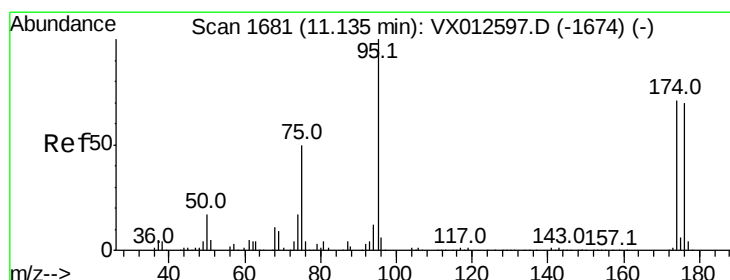
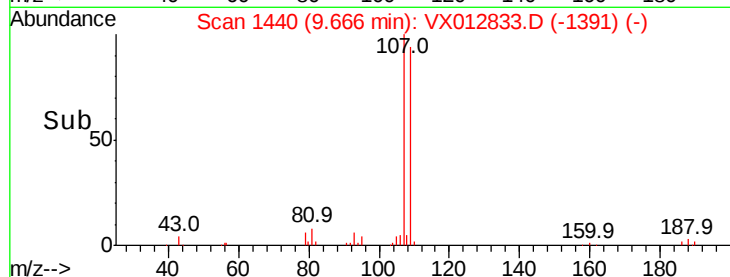
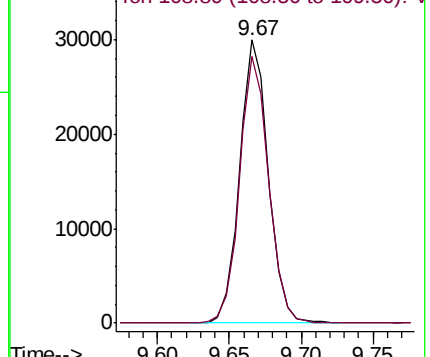
Ion Ratio Lower Upper

107 100

109 95.5 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: 47.558 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

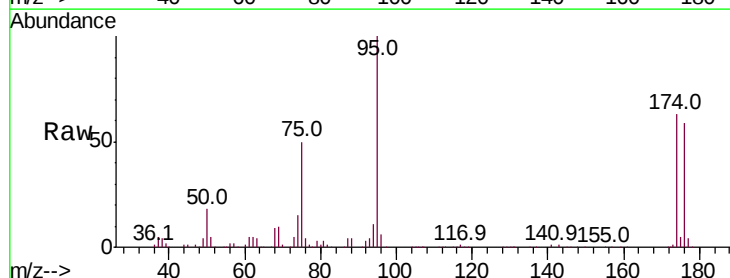
Tgt Ion: 95 Resp: 125451

Ion Ratio Lower Upper

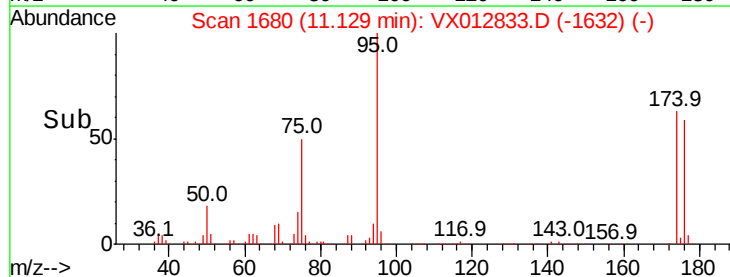
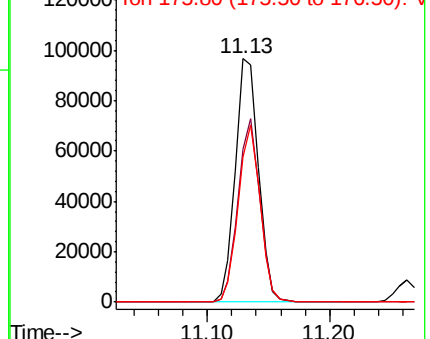
95 100

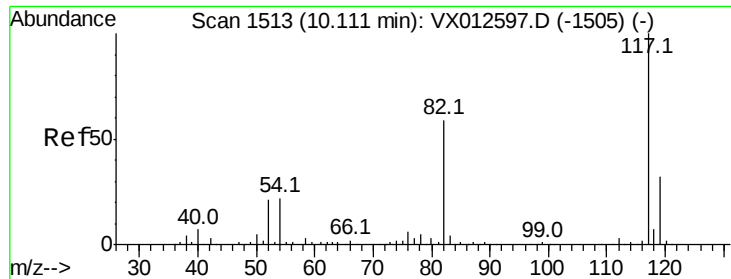
174 71.7 0.0 140.0

176 69.2 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

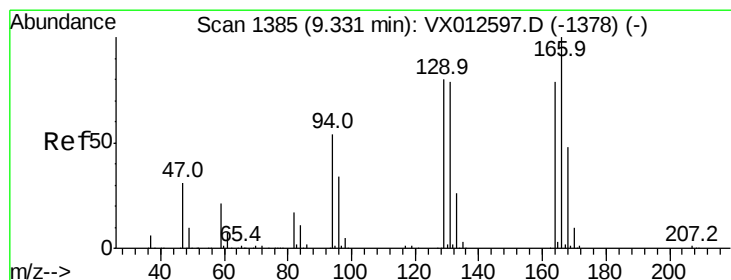
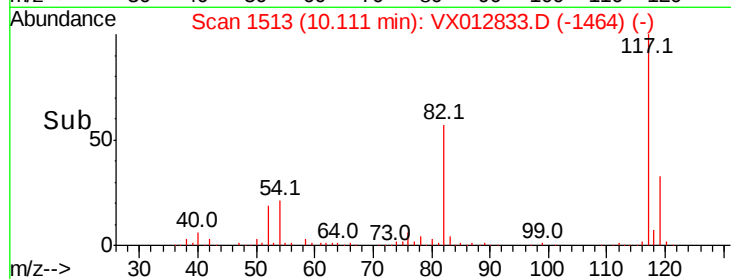
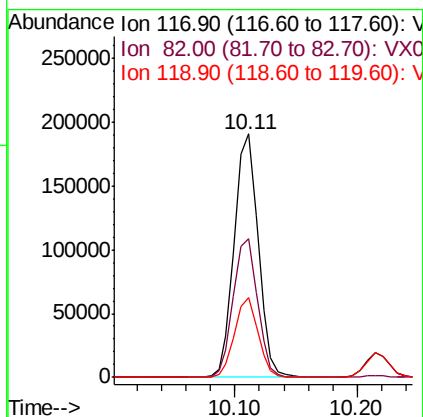
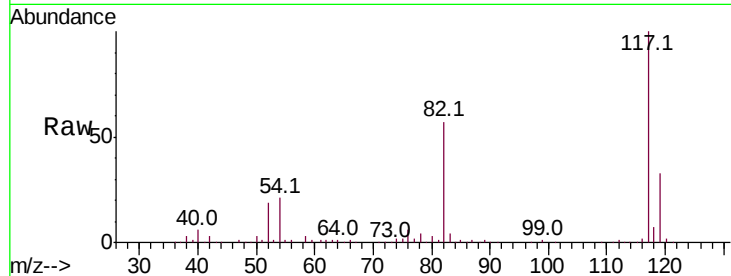




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012833.D
Acq: 07 Oct 2019 13:16

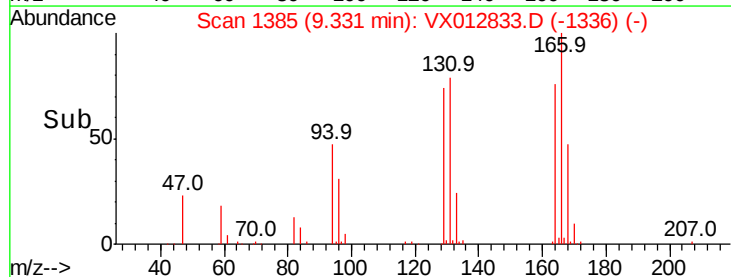
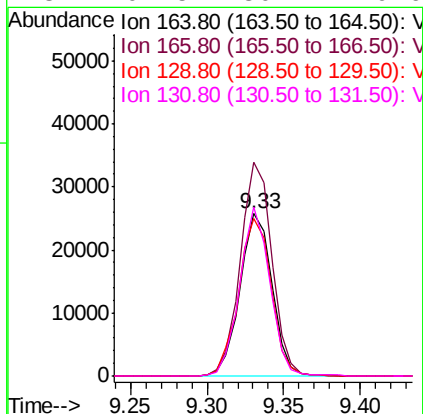
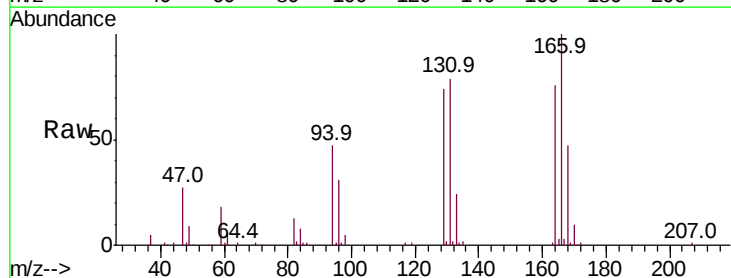
Instrument :
MSVOA_X
ClientSampled :

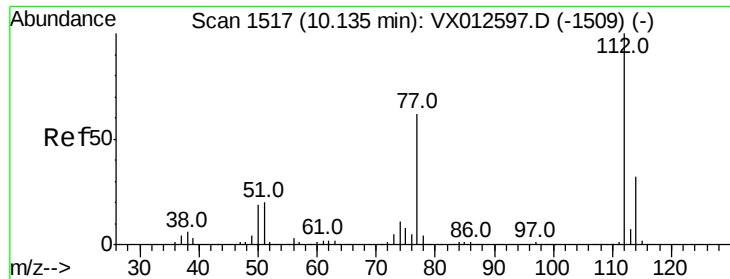
Tot Ion:117 Resp: 258953
Ion Ratio Lower Upper
117 100
82 57.2 45.9 68.9
119 32.7 25.3 37.9



#64
Tetrachloroethene
Concen: 20.748 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012833.D
Acq: 07 Oct 2019 13:16

Tgt Ion:164 Resp: 37460
Ion Ratio Lower Upper
164 100
166 131.7 107.8 161.6
129 97.1 86.2 129.2
131 104.5 80.4 120.6

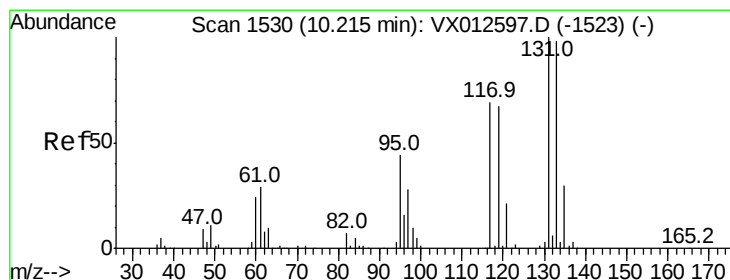
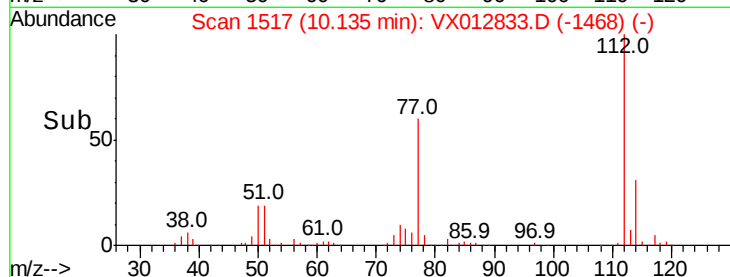
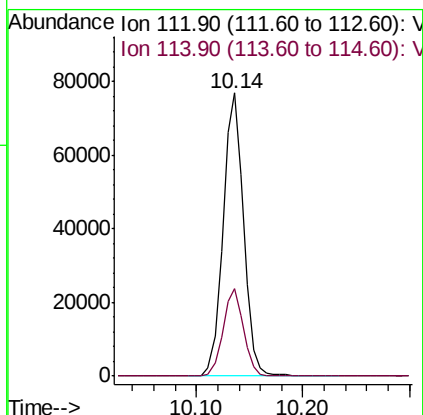
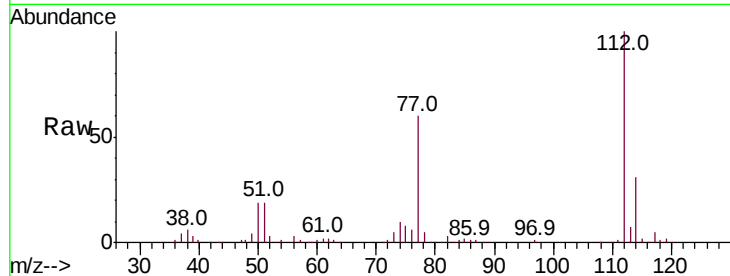




#65
Chlorobenzene
Concen: 18.941 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012833.D
Acq: 07 Oct 2019 13:16

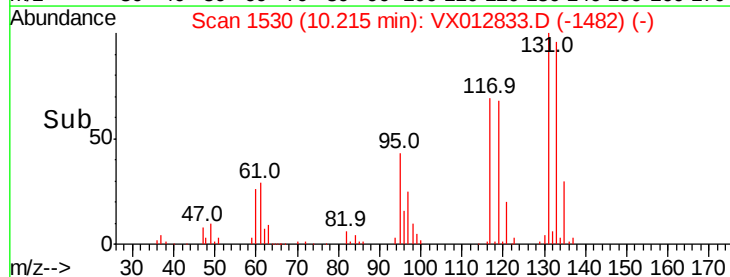
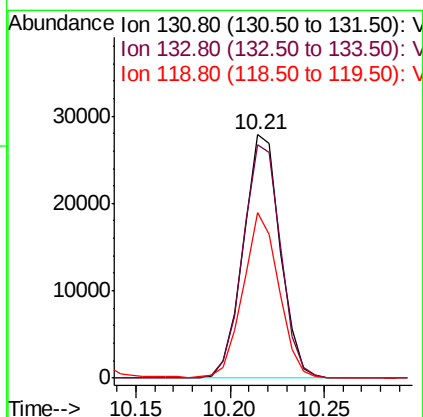
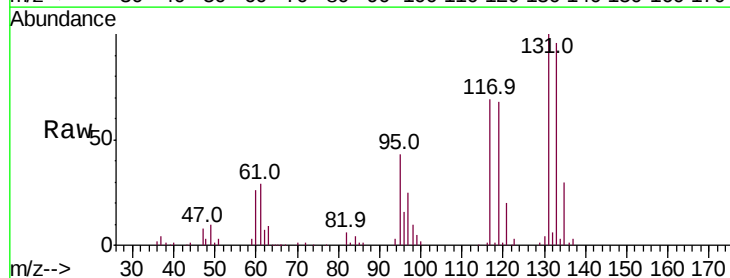
Instrument :
MSVOA_X
ClientSampleId :

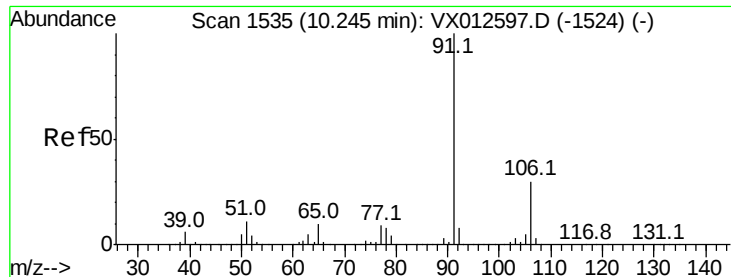
Tot Ion:112 Resp: 103284
Ion Ratio Lower Upper
112 100
114 31.0 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.145 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012833.D
Acq: 07 Oct 2019 13:16

Tgt Ion:131 Resp: 37825
Ion Ratio Lower Upper
131 100
133 98.0 47.6 142.9
119 65.9 31.3 93.8





#67

Ethyl Benzene

Concen: 18.681 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

Instrument :

MSVOA_X

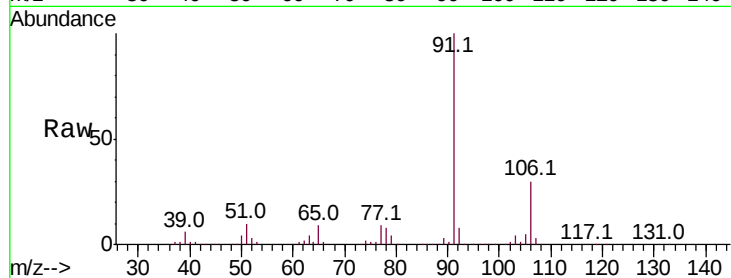
ClientSampled :

Tot Ion: 91 Resp: 184761

Ion Ratio Lower Upper

91 100

106 29.7 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX012597.D (-1524) (-)

Ion 106.00 (105.70 to 106.70): VX012597.D (-1524) (-)

250000

200000

150000

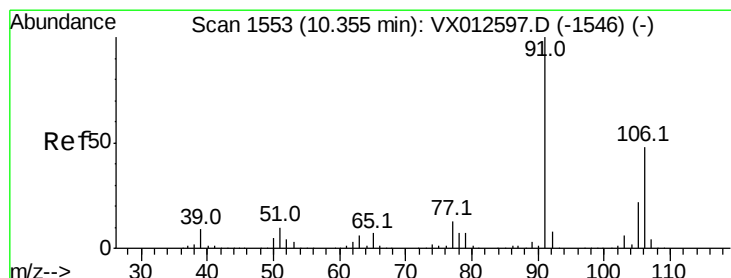
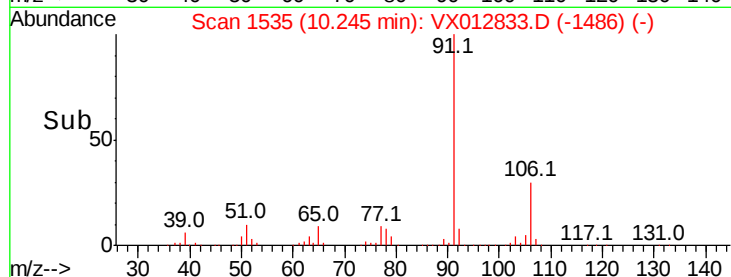
100000

50000

0

10.20 10.25 10.30

Time-->



#68

m/p-Xylenes

Concen: 37.233 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012833.D

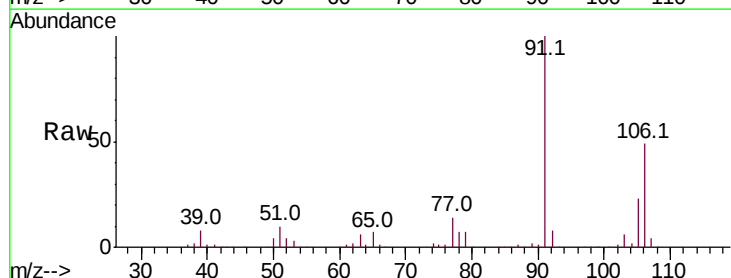
Acq: 07 Oct 2019 13:16

Tgt Ion: 106 Resp: 137947

Ion Ratio Lower Upper

106 100

91 207.8 166.6 250.0



Abundance Ion 106.00 (105.70 to 106.70): VX012597.D (-1546) (-)

Ion 91.00 (90.70 to 91.70): VX012597.D (-1546) (-)

250000

200000

150000

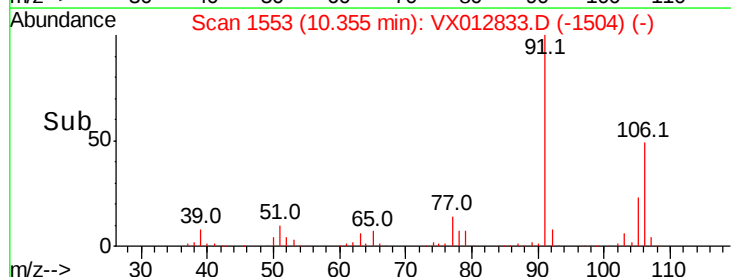
100000

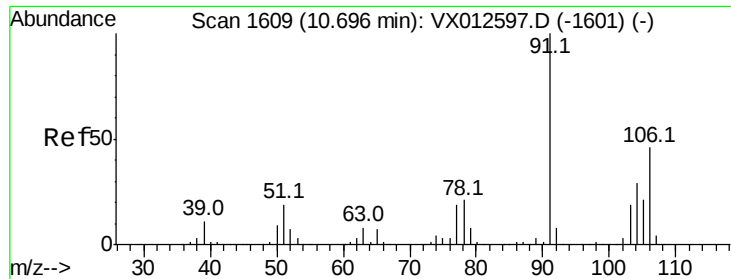
50000

0

10.30 10.35 10.40 10.50

Time-->

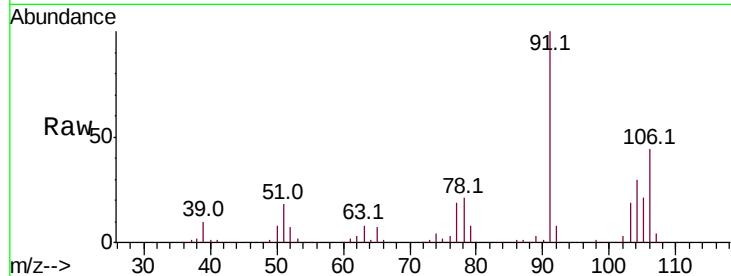




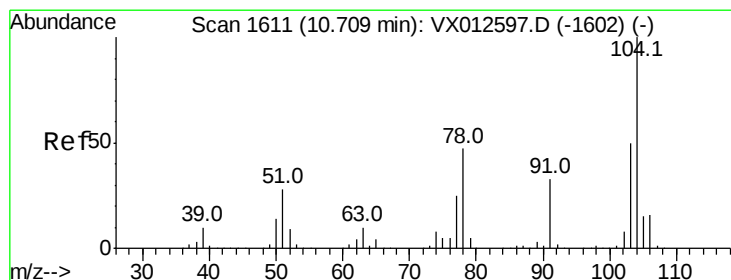
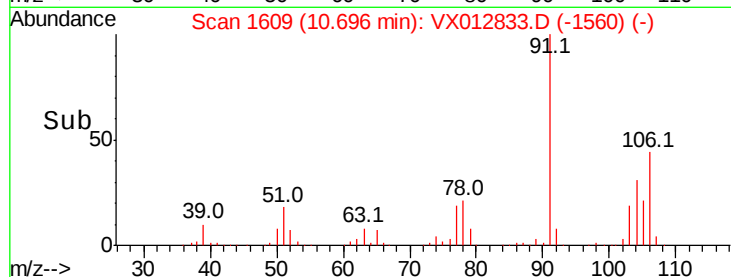
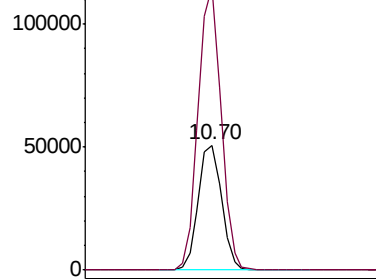
#69
o-Xylene
Concen: 18.812 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012833.D
Acq: 07 Oct 2019 13:16

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 67440
Ion Ratio Lower Upper
106 100
91 221.5 109.4 328.2

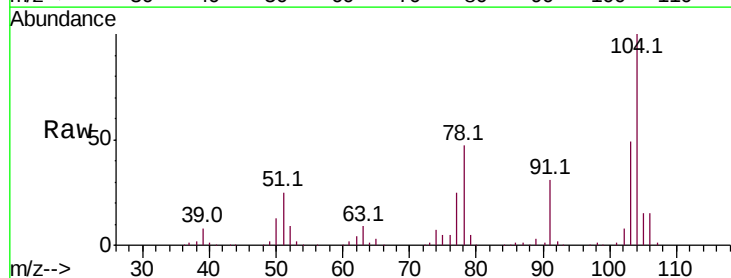


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

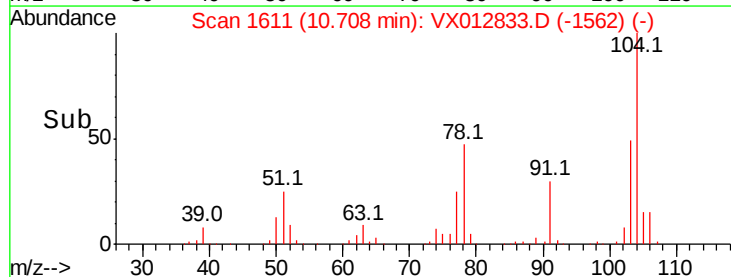
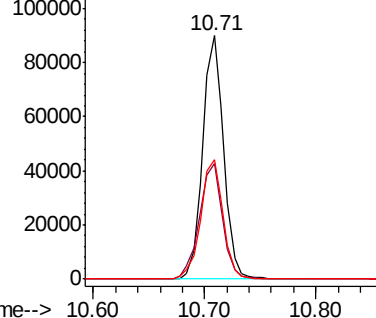


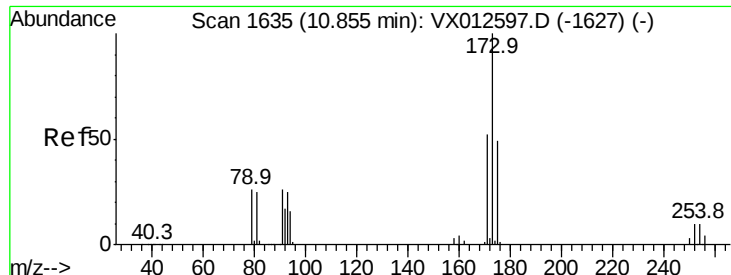
#70
Styrene
Concen: 19.413 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012833.D
Acq: 07 Oct 2019 13:16

Tgt Ion:104 Resp: 116672
Ion Ratio Lower Upper
104 100
78 52.4 43.4 65.2
103 52.4 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: 19.326 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

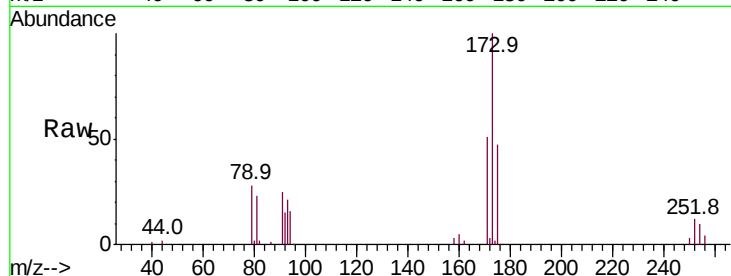
Tot Ion:173 Resp: 26588

Ion Ratio Lower Upper

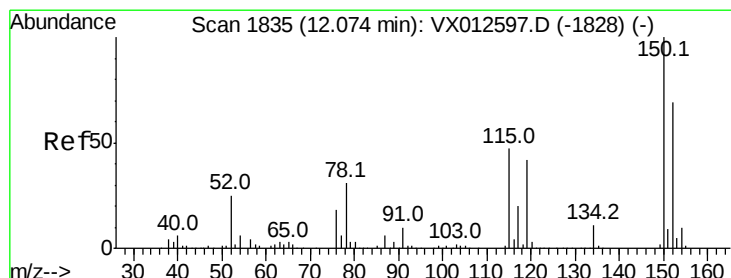
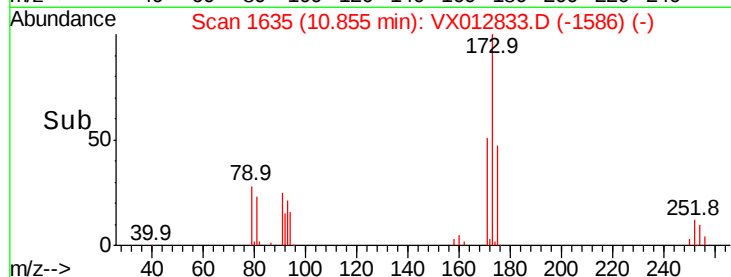
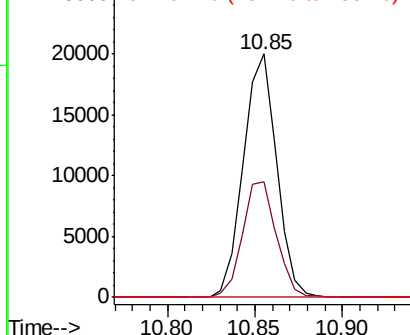
173 100

175 48.3 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: VX012833.D

Acq: 07 Oct 2019 13:16

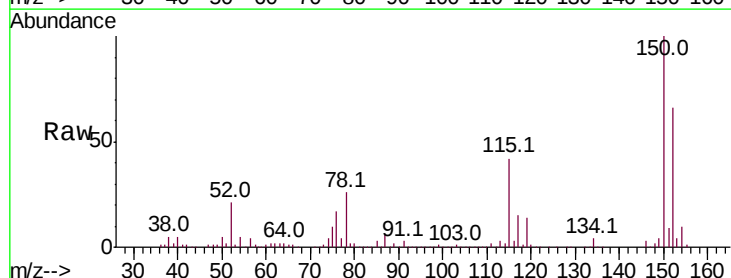
Tgt Ion:152 Resp: 119478

Ion Ratio Lower Upper

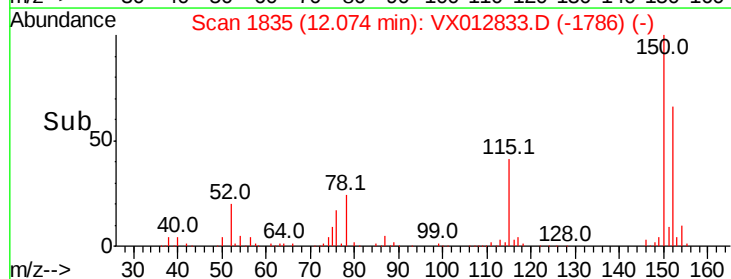
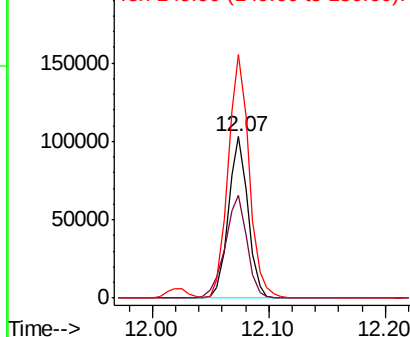
152 100

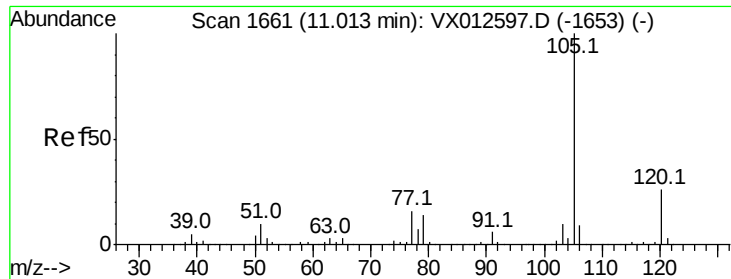
115 71.1 44.1 132.3

150 162.2 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: 18.888 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

Instrument :

MSVOA_X

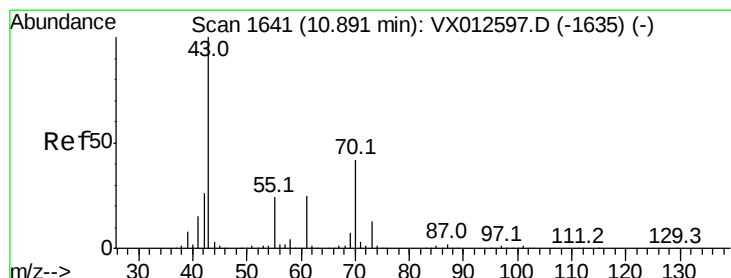
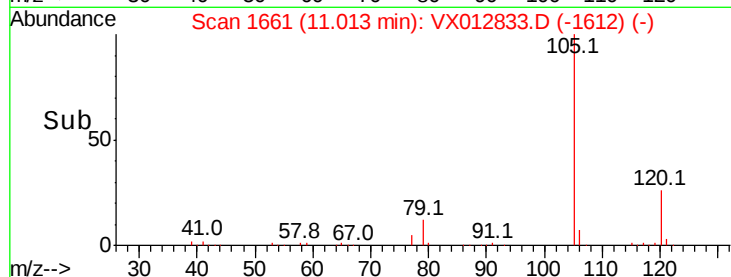
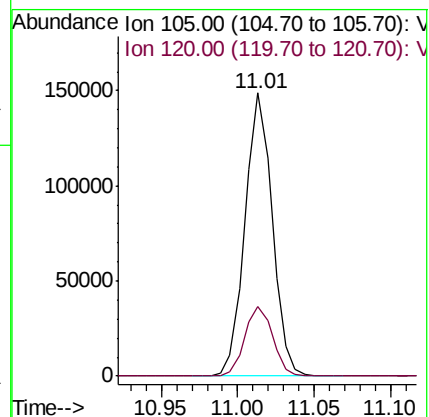
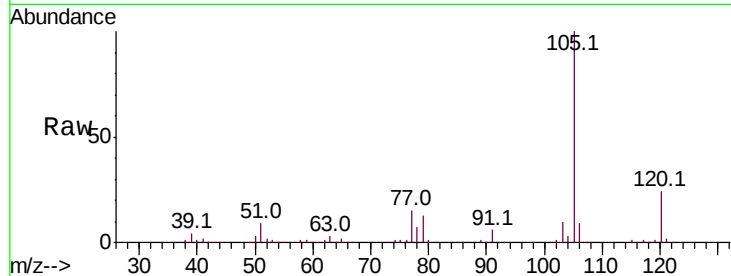
ClientSampleId :

Tot Ion:105 Resp: 183799

Ion Ratio Lower Upper

105 100

120 25.3 12.9 38.7



#74

N-ethyl acetate

Concen: 17.261 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

Tgt Ion: 43 Resp: 80134

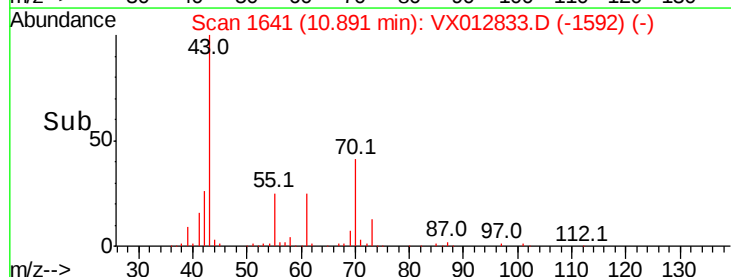
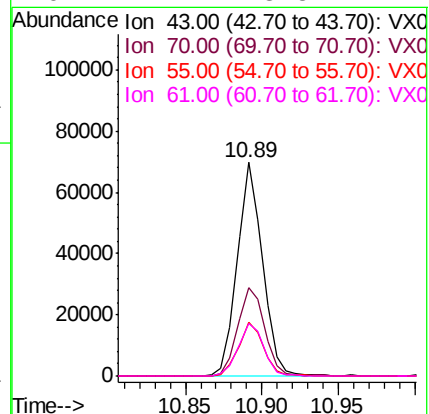
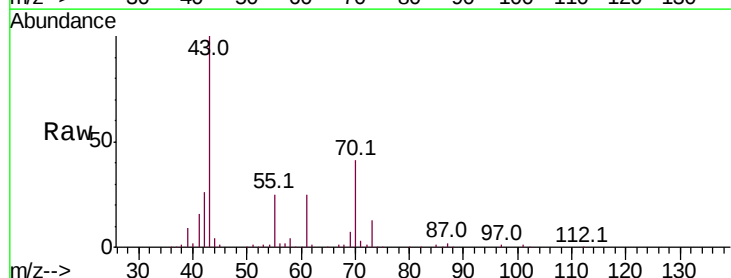
Ion Ratio Lower Upper

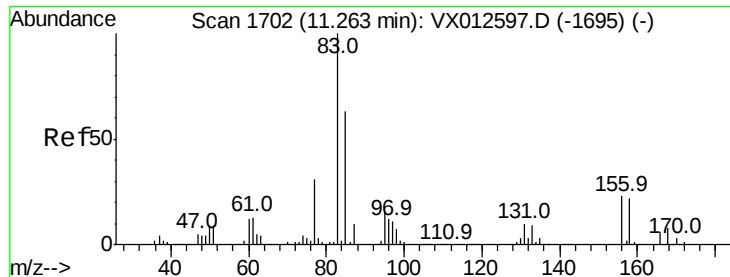
43 100

70 44.2 32.4 48.6

55 25.5 18.2 27.4

61 24.7 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 18.624 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

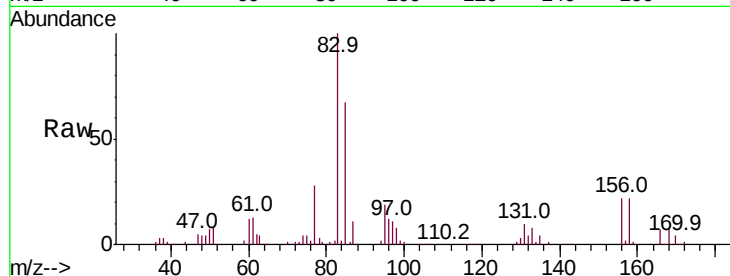
Tot Ion: 83 Resp: 60022

Ion Ratio Lower Upper

83 100

131 9.9 5.2 15.6

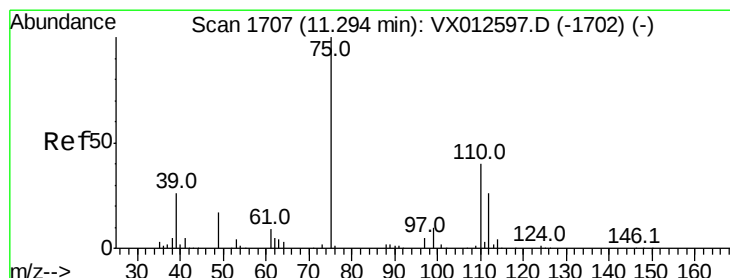
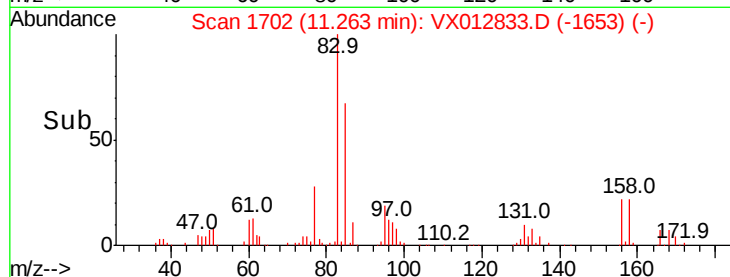
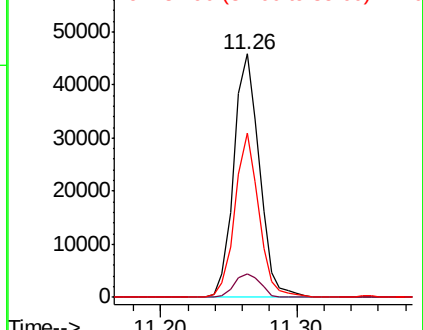
85 63.6 32.0 96.0



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: 22.342 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012833.D

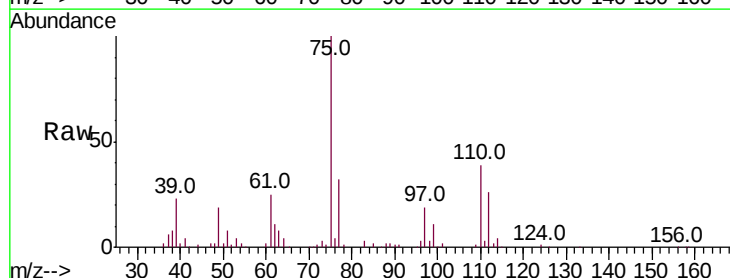
Acq: 07 Oct 2019 13:16

Tgt Ion: 75 Resp: 70611

Ion Ratio Lower Upper

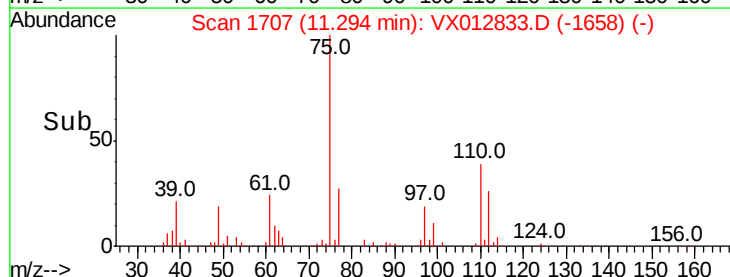
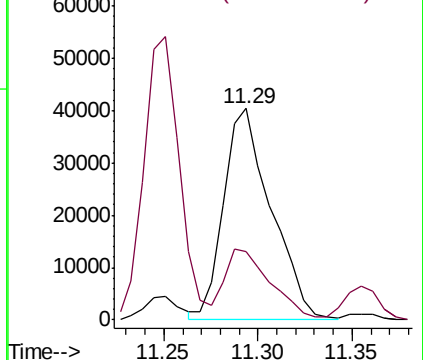
75 100

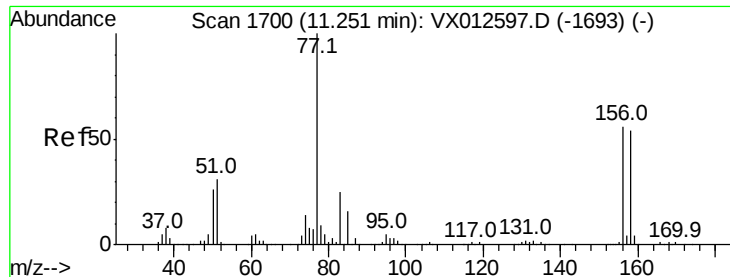
77 31.8 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.867 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

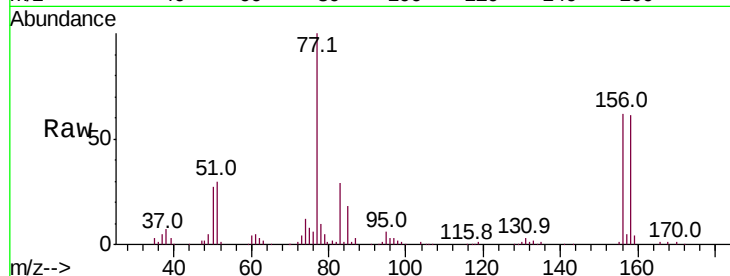
Tot Ion:156 Resp: 41552

Ion Ratio Lower Upper

156 100

77 172.5 87.3 261.8

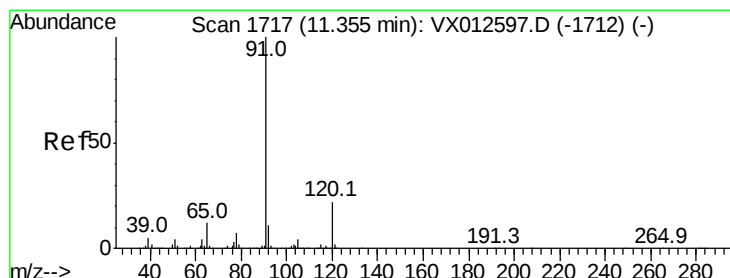
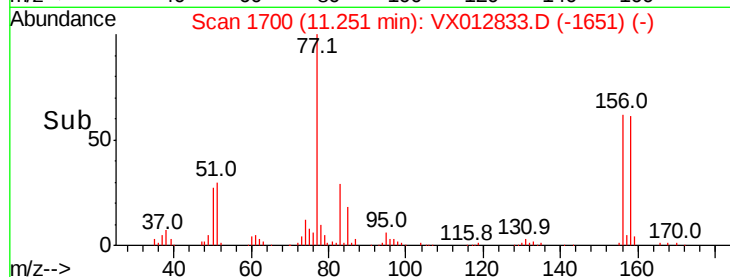
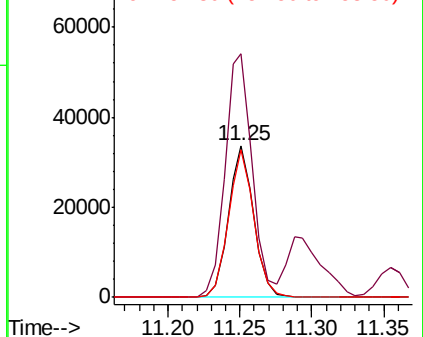
158 97.3 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.673 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012833.D

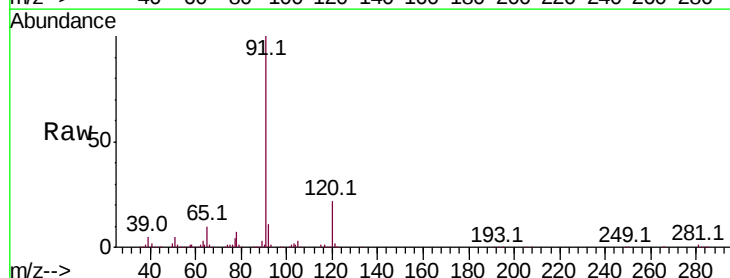
Acq: 07 Oct 2019 13:16

Tgt Ion: 91 Resp: 204568

Ion Ratio Lower Upper

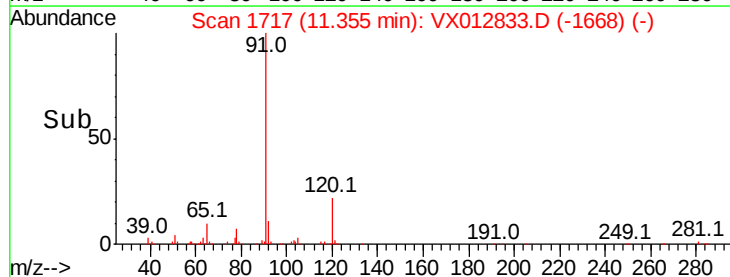
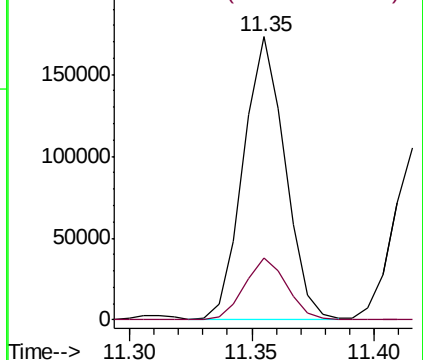
91 100

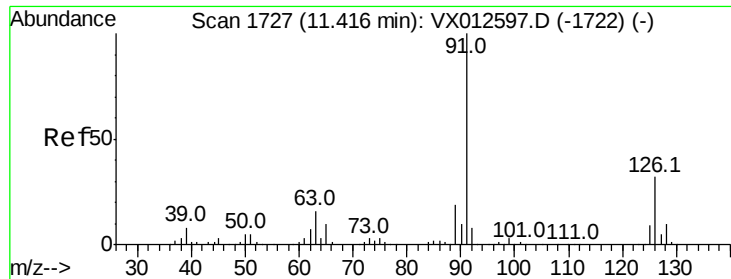
120 22.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

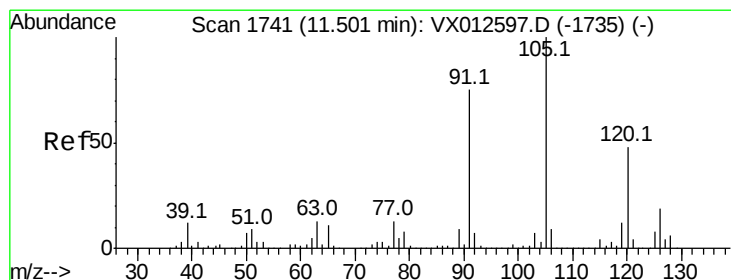
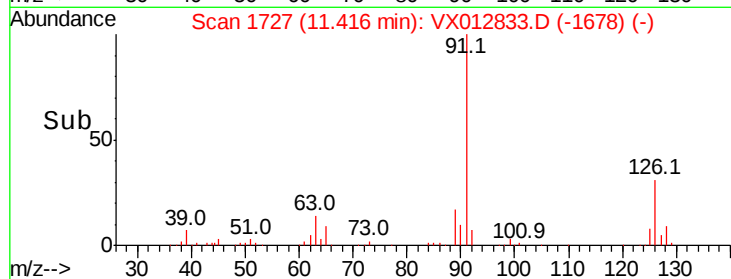
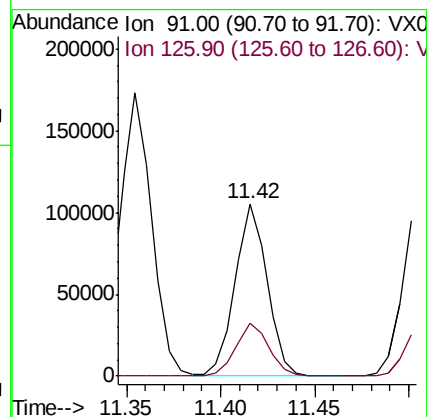
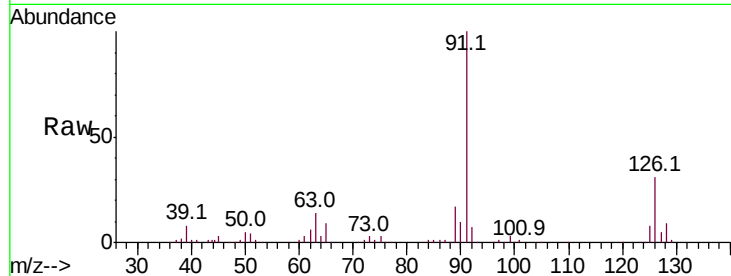




#79
2-Chlorotoluene
Concen: 18.114 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX012833.D
Acq: 07 Oct 2019 13:16

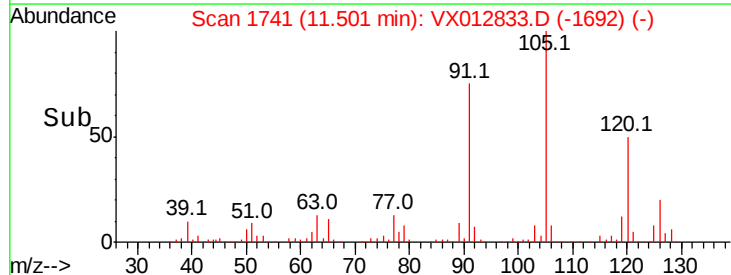
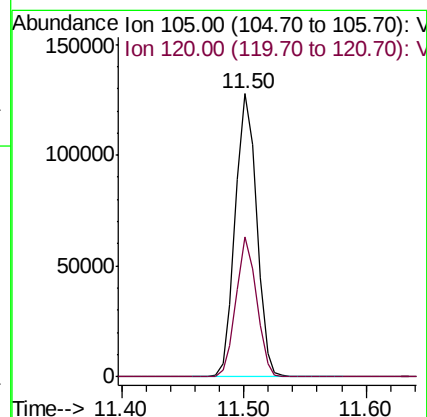
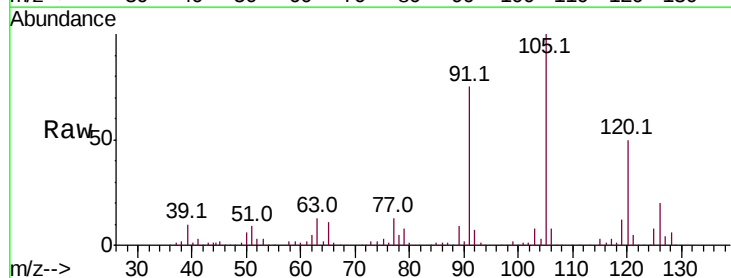
Instrument :
MSVOA_X
ClientSampleId :

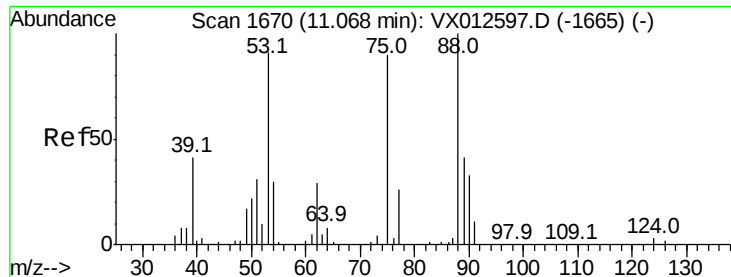
Tot Ion: 91 Resp: 123795
Ion Ratio Lower Upper
91 100
126 32.0 16.4 49.4



#80
1,3,5-Trimethylbenzene
Concen: 18.806 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX012833.D
Acq: 07 Oct 2019 13:16

Tgt Ion: 105 Resp: 153463
Ion Ratio Lower Upper
105 100
120 47.8 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.250 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

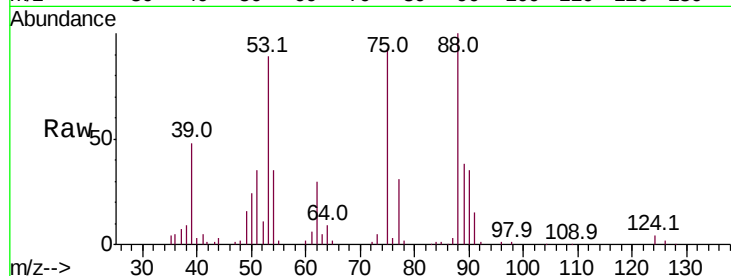
Tot Ion: 75 Resp: 17921

Ion Ratio Lower Upper

75 100

53 103.3 83.6 125.4

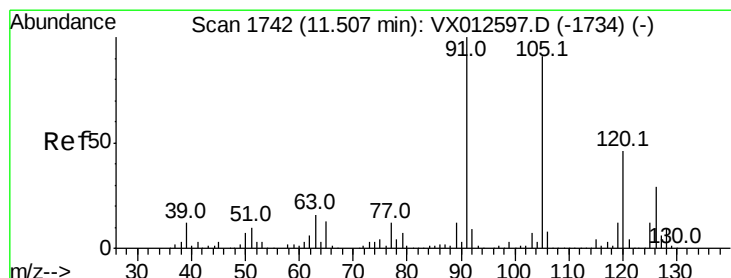
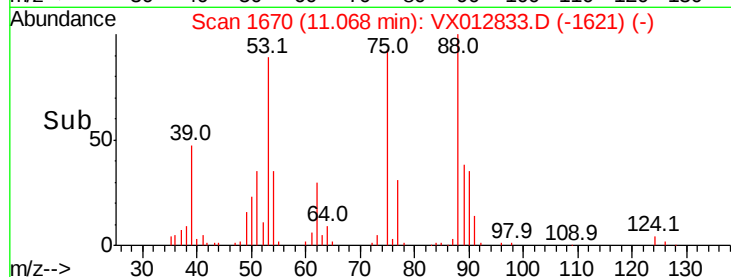
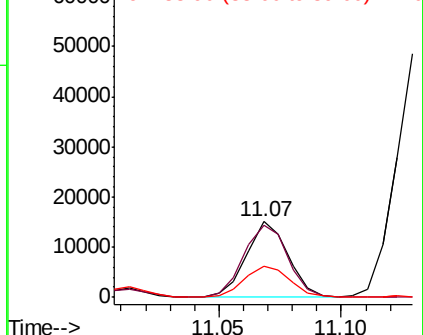
89 45.9 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.281 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012833.D

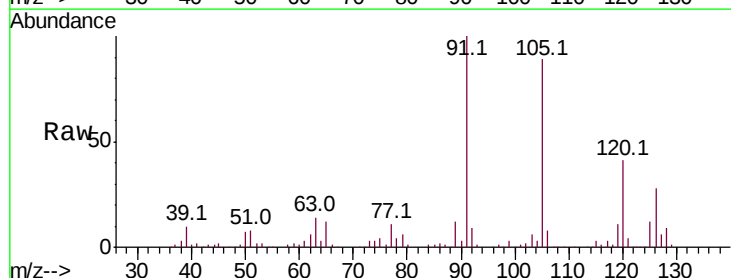
Acq: 07 Oct 2019 13:16

Tgt Ion: 91 Resp: 142423

Ion Ratio Lower Upper

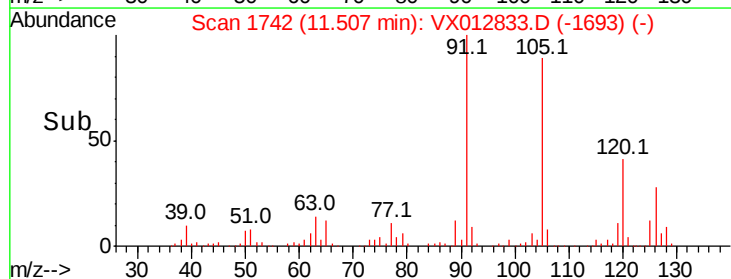
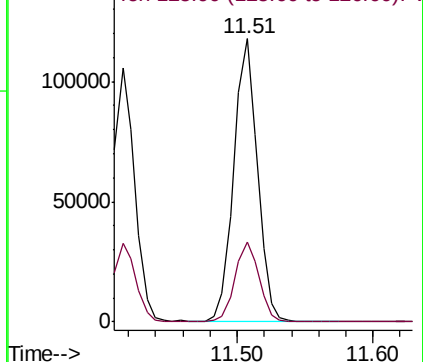
91 100

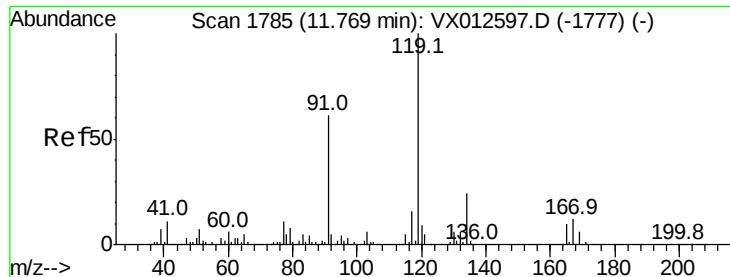
126 28.8 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 18.968 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX012833.D

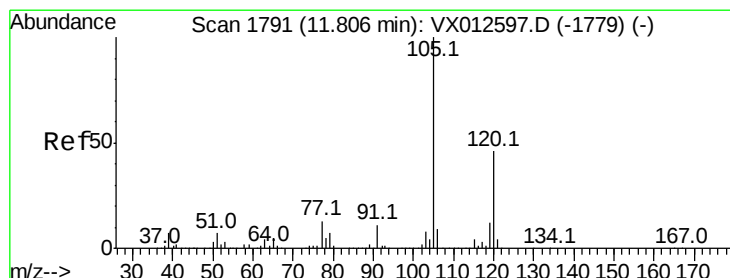
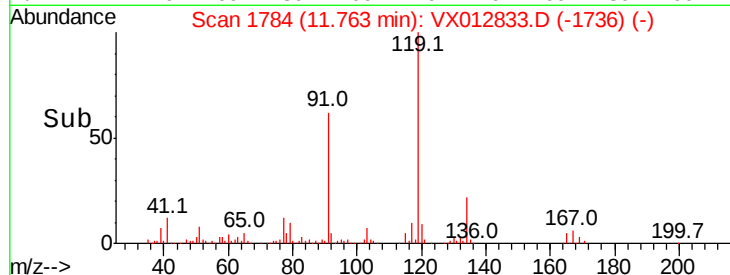
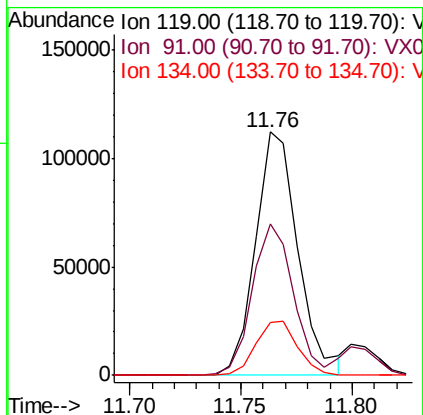
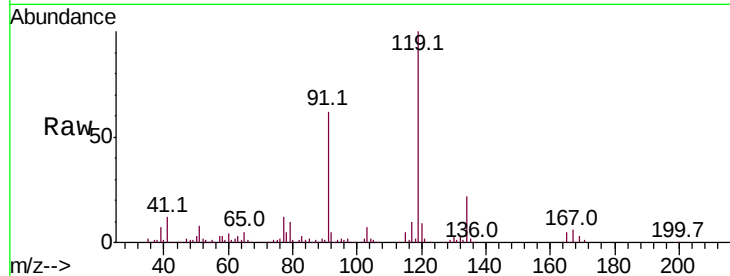
Acq: 07 Oct 2019 13:16

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	119	Resp:	149314
Ion	Ratio	Lower	Upper
119	100		
91	60.1	30.0	90.0
134	22.2	11.3	33.9



#84

1,2,4-Trimethylbenzene

Concen: 18.714 ug/l

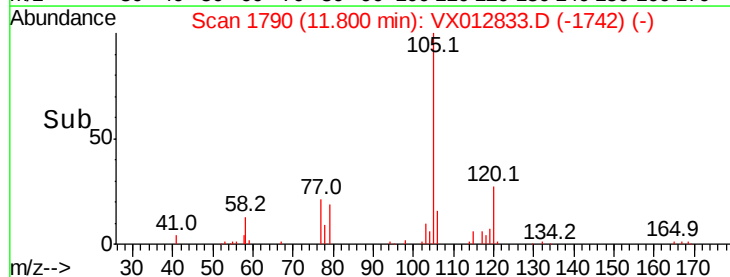
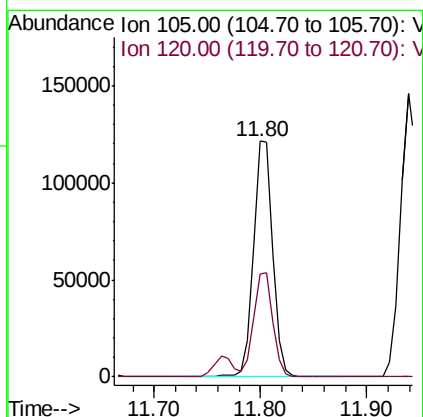
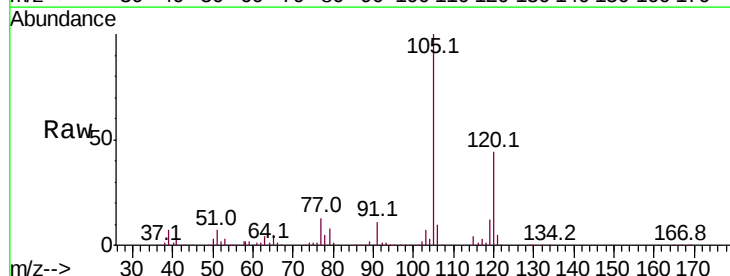
RT: 11.80 min Scan# 1790

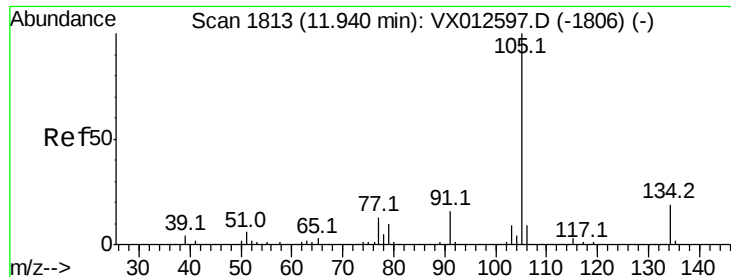
Delta R.T. -0.01 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

Tgt Ion:	105	Resp:	154051
Ion	Ratio	Lower	Upper
105	100		
120	43.9	22.2	66.6





#85

sec-Butylbenzene

Concen: 19.065 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

Instrument :

MSVOA_X

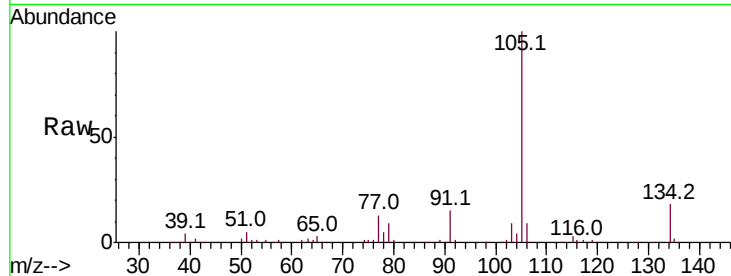
ClientSampleId :

Tot Ion:105 Resp: 174555

Ion Ratio Lower Upper

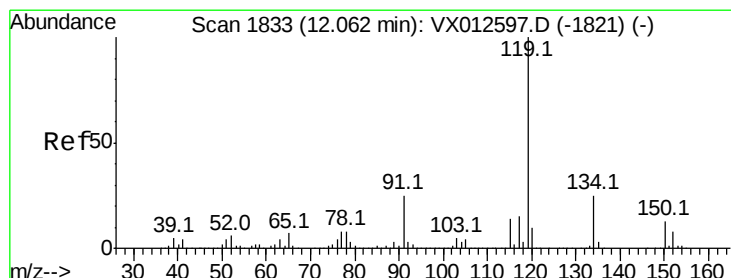
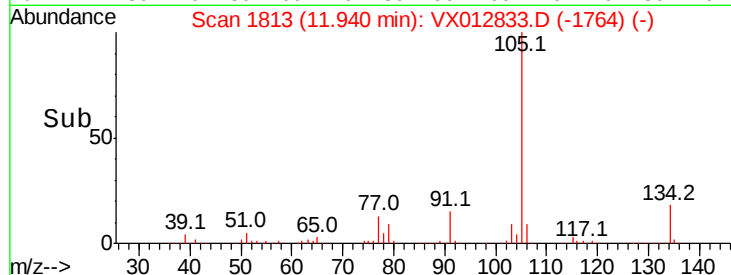
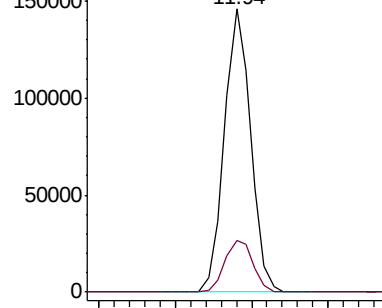
105 100

134 19.6 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: 18.823 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

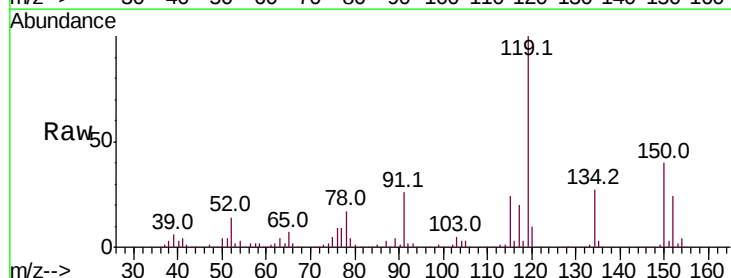
Tgt Ion:119 Resp: 155500

Ion Ratio Lower Upper

119 100

134 25.6 12.7 38.1

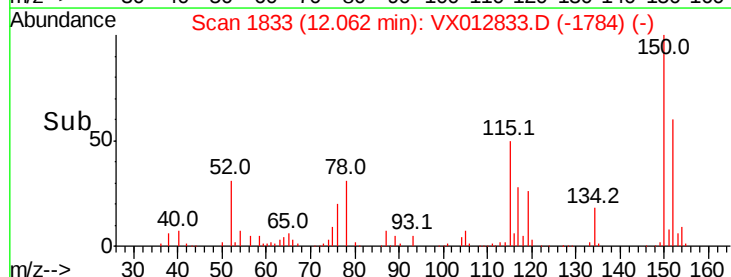
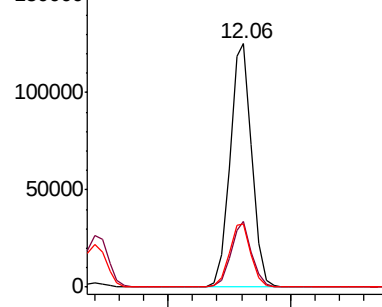
91 25.9 12.8 38.4

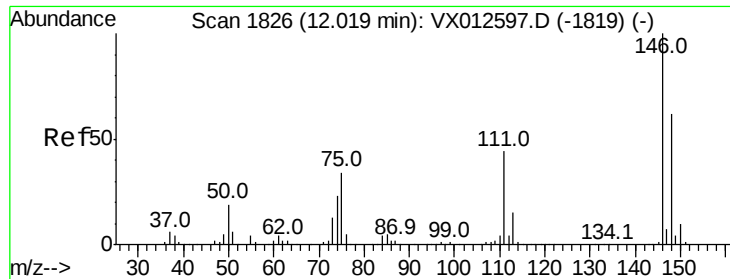


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

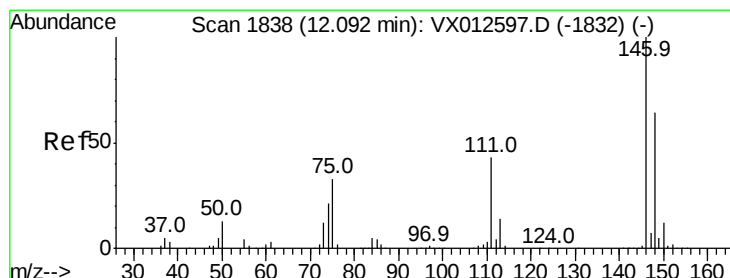
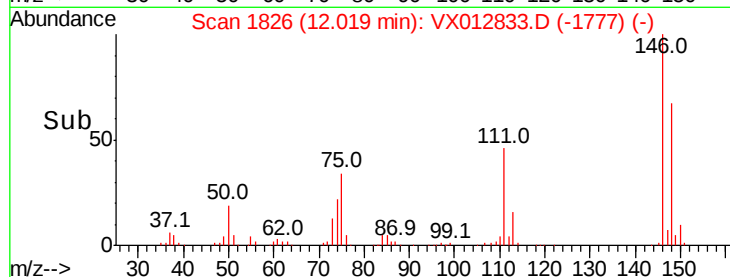
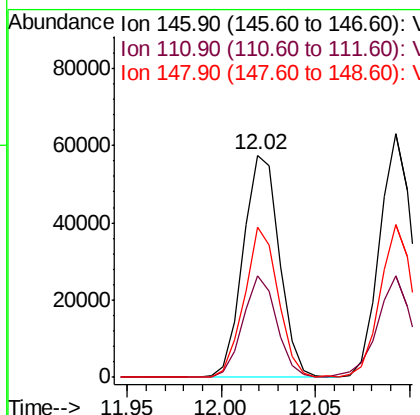
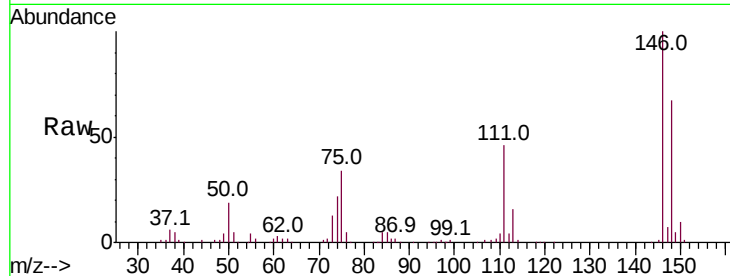




#87
 1,3-Dichlorobenzene
 Concen: 19.400 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012833.D
 Acq: 07 Oct 2019 13:16

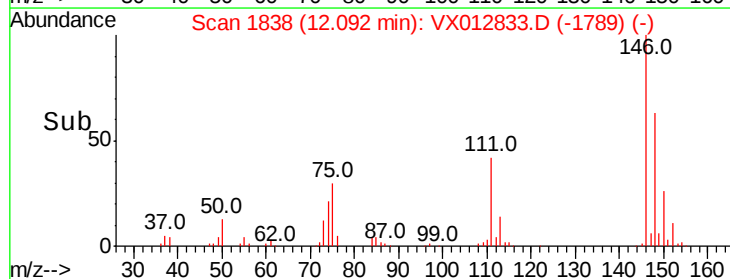
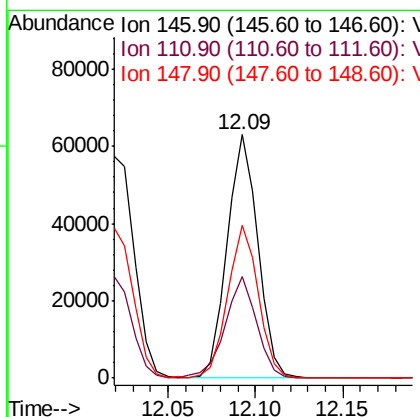
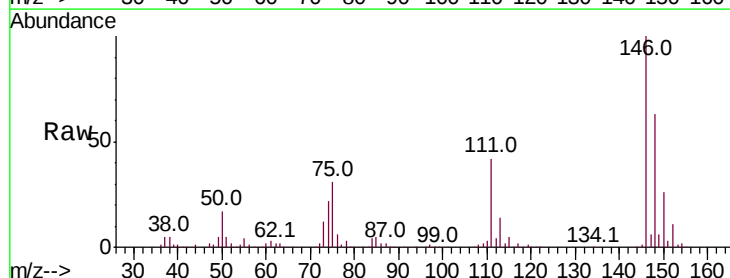
Instrument :
 MSVOA_X
 ClientSampleId :

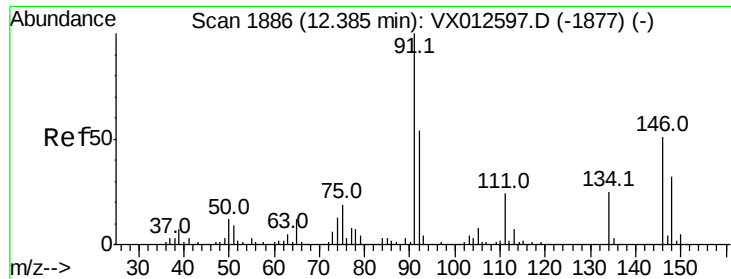
Tot Ion:146 Resp: 76892
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.3 64.0
 148 62.8 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 19.208 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012833.D
 Acq: 07 Oct 2019 13:16

Tgt Ion:146 Resp: 76928
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.1 63.3
 148 62.5 32.1 96.5





#89

n-Butylbenzene

Concen: 17.895 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

Instrument :

MSVOA_X

ClientSampled :

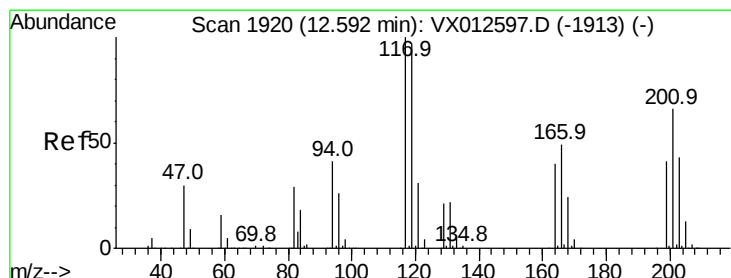
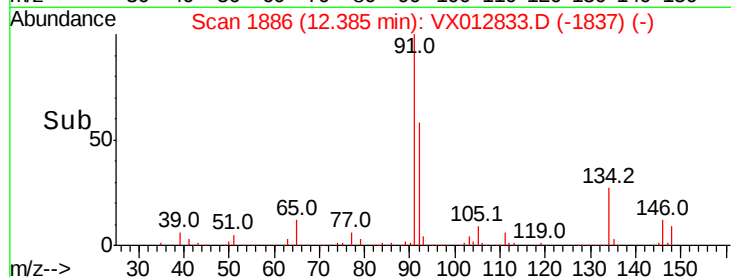
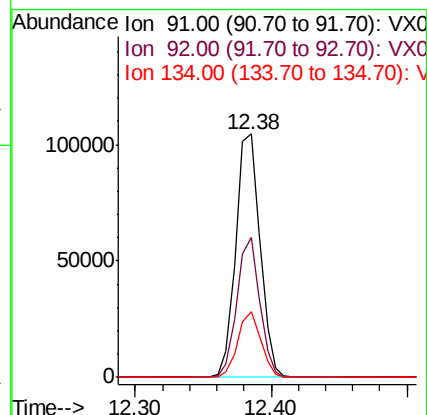
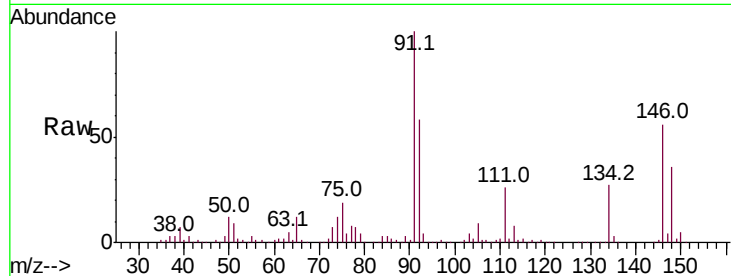
Tot Ion: 91 Resp: 130270

Ion Ratio Lower Upper

91 100

92 54.4 27.7 83.0

134 25.7 12.9 38.6



#90

Hexachloroethane

Concen: 18.534 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012833.D

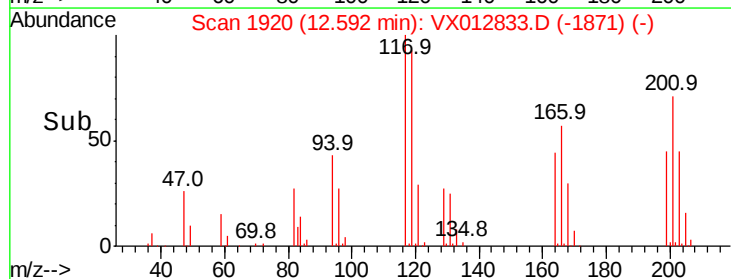
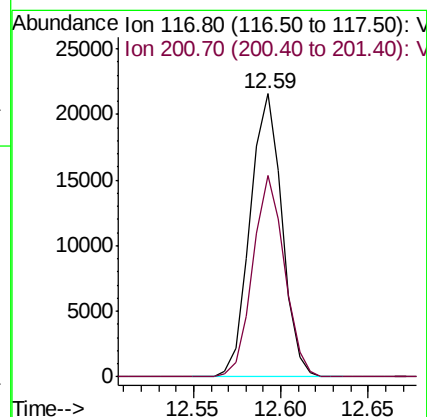
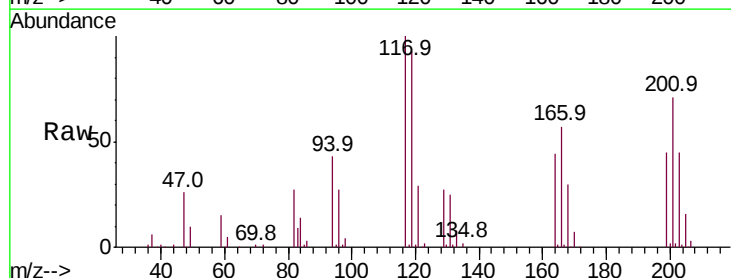
Acq: 07 Oct 2019 13:16

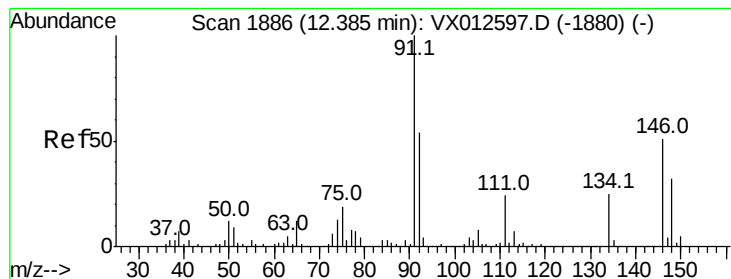
Tgt Ion: 117 Resp: 27298

Ion Ratio Lower Upper

117 100

201 70.9 33.3 99.8





#91

1,2-Dichlorobenzene

Concen: 18.992 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

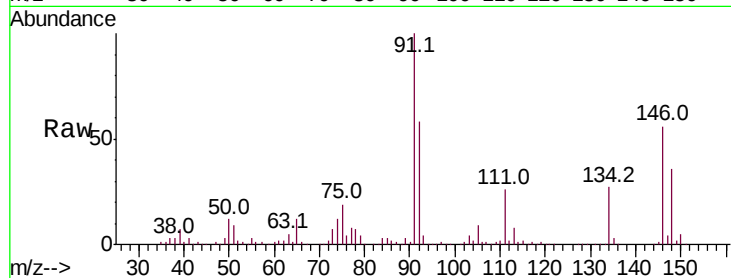
Tot Ion:146 Resp: 75362

Ion Ratio Lower Upper

146 100

111 45.4 22.1 66.1

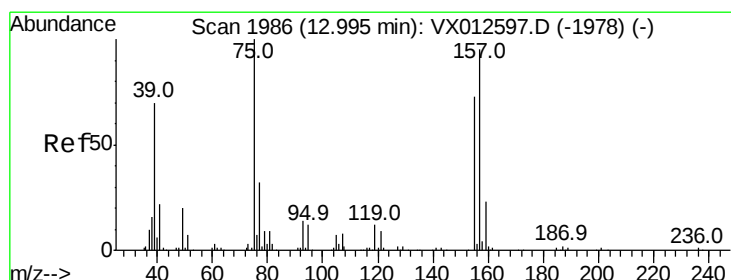
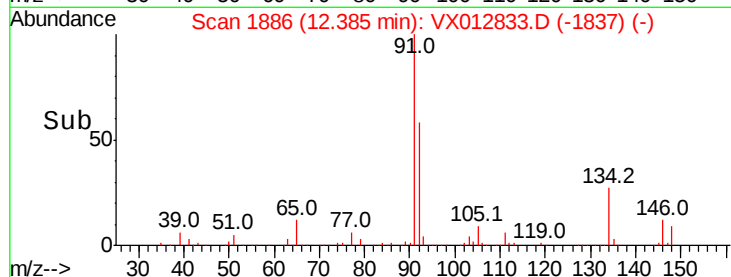
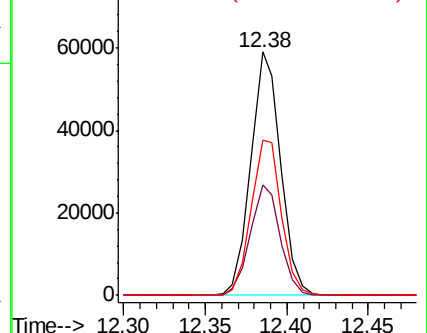
148 64.8 31.3 93.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.626 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012833.D

Acq: 07 Oct 2019 13:16

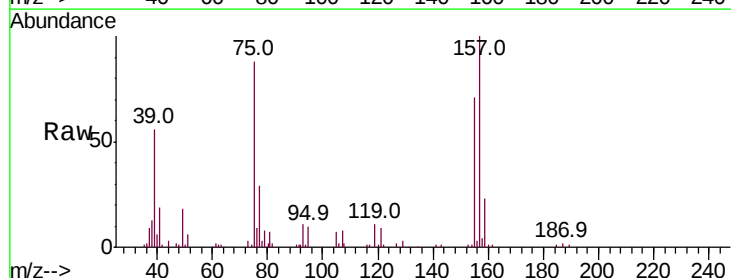
Tgt Ion: 75 Resp: 14210

Ion Ratio Lower Upper

75 100

155 79.7 38.6 115.8

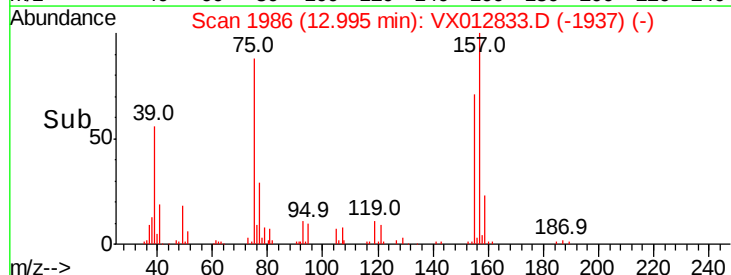
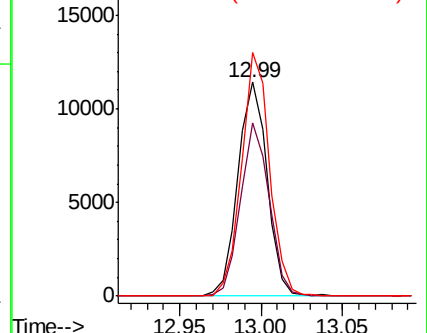
157 109.7 50.6 151.9

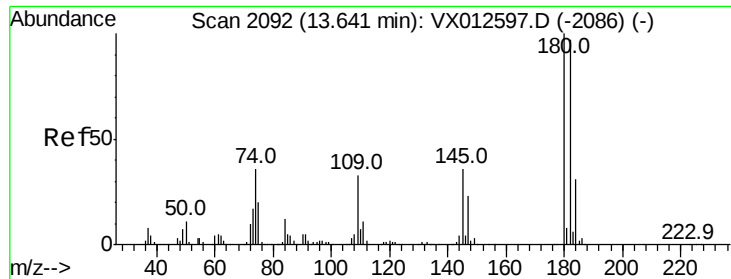


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

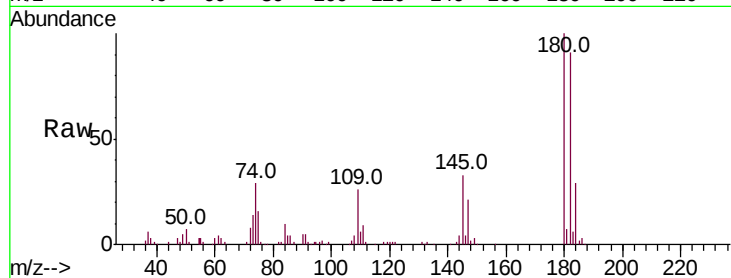




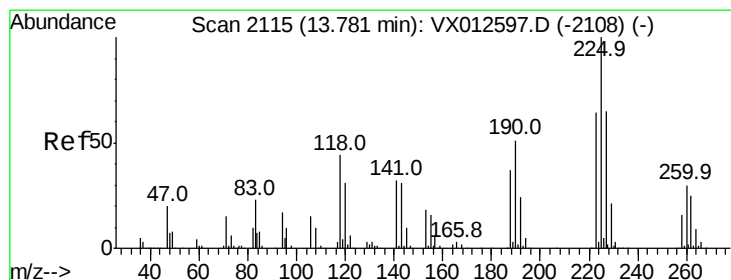
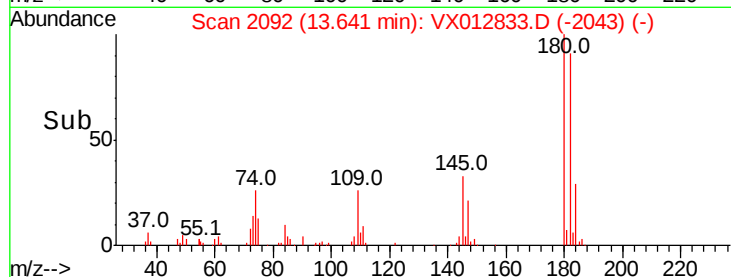
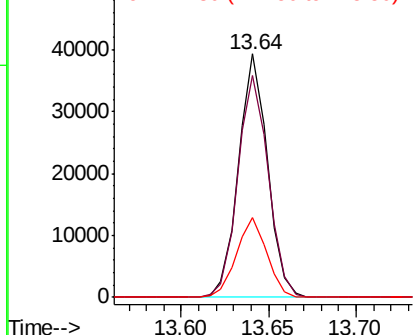
#93
 1,2,4-Trichlorobenzene
 Concen: 18.766 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012833.D
 Acq: 07 Oct 2019 13:16

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 45413
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.0 141.0
 145 34.3 16.8 50.4

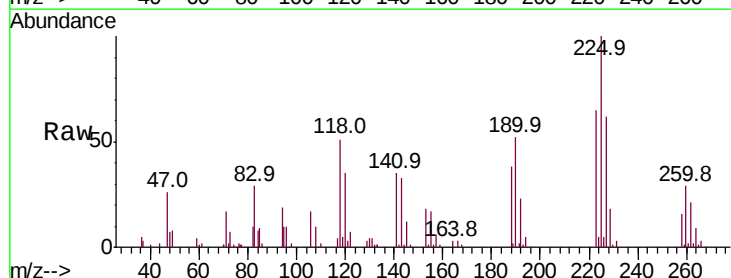


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

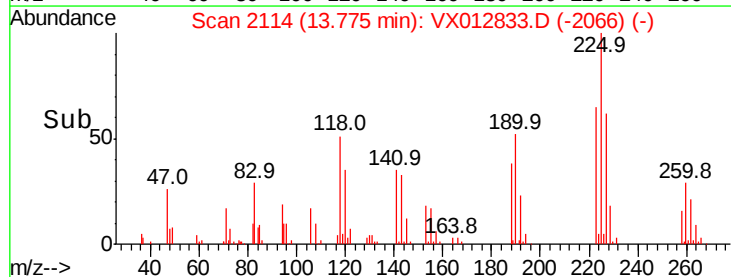
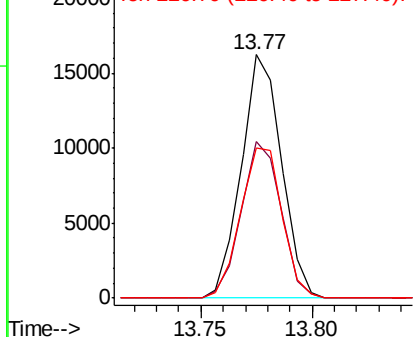


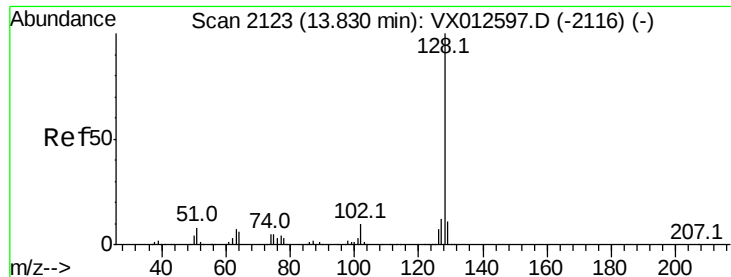
#94
 Hexachlorobutadiene
 Concen: 19.670 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012833.D
 Acq: 07 Oct 2019 13:16

Tgt Ion:225 Resp: 20477
 Ion Ratio Lower Upper
 225 100
 223 63.9 32.0 96.2
 227 64.0 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

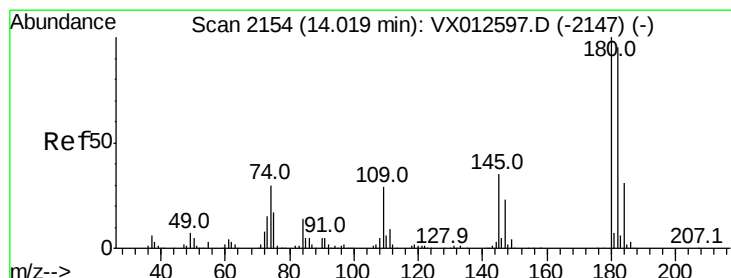
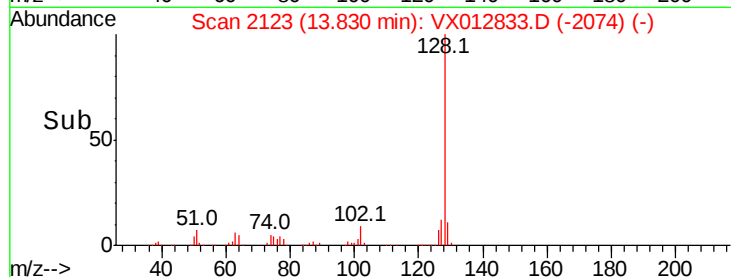
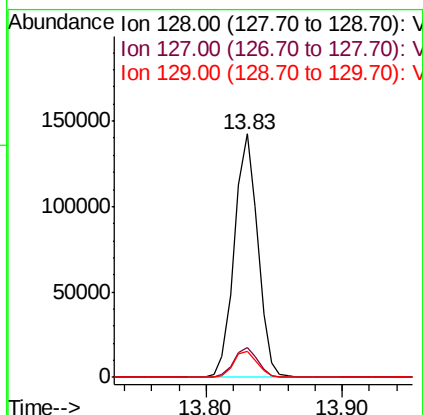
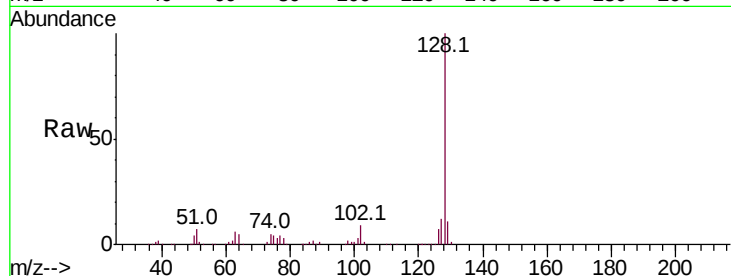




#95
Naphthalene
Concen: 19.475 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012833.D
Acq: 07 Oct 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 170512
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.906 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012833.D
Acq: 07 Oct 2019 13:16

Tgt Ion:180 Resp: 48255
Ion Ratio Lower Upper
180 100
182 95.4 47.1 141.3
145 35.7 18.0 54.0

