

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX043020\
 Data File : VX015994.D
 Acq On : 30 Apr 2020 14:41
 Operator : JC/SP
 Sample : VX0430WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 01 07:54:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:42:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	50490	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	283083	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	253390	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	116961	30.14	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.47%
60) 4-Bromofluorobenzene	11.12	95	126750	29.83	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.43%
63) Toluene-d8	8.70	98	334253	30.75	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	71847	20.659	ug/l 99
3) Chloromethane	1.31	50	67859	19.915	ug/l 98
4) Vinyl Chloride	1.39	62	74420	19.223	ug/l 100
5) Bromomethane	1.63	94	54273	22.872	ug/l 100
6) Chloroethane	1.71	64	49250	19.406	ug/l 96
7) Trichlorofluoromethane	1.92	101	110906	20.001	ug/l 100
8) Diethyl Ether	2.17	74	43499	19.654	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	56993	19.903	ug/l 97
10) 1,1-Dichloroethene	2.36	96	55141	19.086	ug/l 98
11) Methyl Iodide	2.49	142	69864	17.713	ug/l 99
12) Methyl Acetate	2.75	43	98837	19.594	ug/l 98
13) Acrolein	2.27	56	32762	81.018	ug/l 98
14) Acrylonitrile	3.11	53	175549	94.217	ug/l 99
15) Acetone	2.42	58	46339	93.974	ug/l 99
16) Carbon Disulfide	2.55	76	168656	19.189	ug/l 99
17) Allyl chloride	2.71	41	102506	19.126	ug/l 98
18) Methylene Chloride	2.83	84	61014	18.852	ug/l 99
19) trans-1,2-Dichloroethene	3.14	96	60980	19.298	ug/l 97
20) Diisopropyl ether	3.82	45	196155	18.982	ug/l 98
21) 1,1-Dichloroethane	3.67	63	110084	19.105	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	68672	19.150	ug/l 98
23) tert-Butyl Alcohol	3.01	59	86706	95.065	ug/l 100
24) Methyl tert-Butyl Ether	3.17	73	199215	19.201	ug/l 99
25) Chloroform	5.18	83	110632	18.905	ug/l 95
26) Cyclohexane	5.55	56	100350	19.045	ug/l # 98
29) 1,1-Dichloropropene	5.77	75	84439	18.966	ug/l 100
30) 2-Butanone	4.63	43	250229	94.322	ug/l 99
31) 2,2-Dichloropropane	4.56	77	103842	19.380	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	102623	19.001	ug/l 99
33) Carbon Tetrachloride	5.75	117	91759	19.081	ug/l 97
34) Benzene	6.11	78	245894	18.909	ug/l 99
35) Methacrylonitrile	5.00	41	52887	18.772	ug/l 96
36) 1,2-Dichloroethane	6.16	62	93705	18.868	ug/l 100
37) Trichloroethene	7.19	130	89428	19.331	ug/l 99
38) Methylcyclohexane	7.44	83	104359	19.180	ug/l 99
39) 1,2-Dichloropropane	7.49	63	62406	18.695	ug/l 97
40) Dibromomethane	7.64	93	43572	18.797	ug/l 99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 01 07:54:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:42:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	89087	18.643	ug/l	99
42) Vinyl Acetate	3.78	43	822539	93.717	ug/l	100
43) Ethyl Acetate	4.79	43	99143	18.945	ug/l	99
44) Isopropyl Acetate	6.41	43	161169	18.979	ug/l	99
45) 1,4-Dioxane	7.71	88	33907	377.996	ug/l	98
46) Methyl methacrylate	7.74	41	74351	18.468	ug/l	99
47) n-amyl Acetate	10.88	43	135881	18.299	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	102502	18.472	ug/l	97
49) cis-1,3-Dichloropropene	8.41	75	107991	18.836	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	60806	18.615	ug/l	97
51) Ethyl methacrylate	9.16	69	98068	18.181	ug/l	100
52) 1,3-Dichloropropane	9.35	76	107141	18.974	ug/l	99
53) Dibromochloromethane	9.57	129	67216	18.087	ug/l	99
54) 1,2-Dibromoethane	9.65	107	66080	18.407	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	244781	83.416	ug/l	99
56) Bromoform	10.84	173	48617	17.363	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	488581	97.777	ug/l	100
59) 2-Hexanone	9.47	43	372495	96.508	ug/l	100
61) Tetrachloroethene	9.32	164	101665	20.283	ug/l	99
62) Toluene	8.77	91	262596	19.398	ug/l	99
64) Chlorobenzene	10.12	112	164596	19.096	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	62924	19.230	ug/l	98
66) Ethyl Benzene	10.24	91	294804	19.125	ug/l	97
67) m/p-Xylenes	10.34	106	223140	37.999	ug/l	99
68) o-Xylene	10.68	106	107249	18.939	ug/l	98
69) Styrene	10.70	104	179214	18.491	ug/l	99
70) Isopropylbenzene	11.00	105	291752	19.083	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	48525	17.073	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	118520	25.747	ug/l	82
73) Bromobenzene	11.24	156	71095	18.453	ug/l	98
74) n-propylbenzene	11.34	91	336720	18.961	ug/l	100
75) 2-Chlorotoluene	11.40	91	198489	19.021	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	245198	18.894	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	36214	18.296	ug/l	99
78) 4-Chlorotoluene	11.49	91	231584	18.748	ug/l	99
79) tert-butylbenzene	11.76	119	209130	18.868	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	245622	18.944	ug/l	100
81) sec-Butylbenzene	11.93	105	284432	19.027	ug/l	99
82) p-Isopropyltoluene	12.05	119	260694	18.818	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	130593	18.801	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	131047	18.987	ug/l	99
85) n-Butylbenzene	12.37	91	233884	18.483	ug/l	99
86) Hexachloroethane	12.58	117	45122	18.502	ug/l	98
87) 1,2-Dichlorobenzene	12.38	146	125871	18.737	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	21740	18.280	ug/l	99
89) 1,2,4-Trichlorobenzene	13.63	180	90472	18.284	ug/l	98
90) Hexachlorobutadiene	13.77	225	42045	19.771	ug/l	99
91) Naphthalene	13.82	128	295563	18.762	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	88481	18.613	ug/l	98

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 01 07:54:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 30 12:42:44 2020
Response via : Initial Calibration

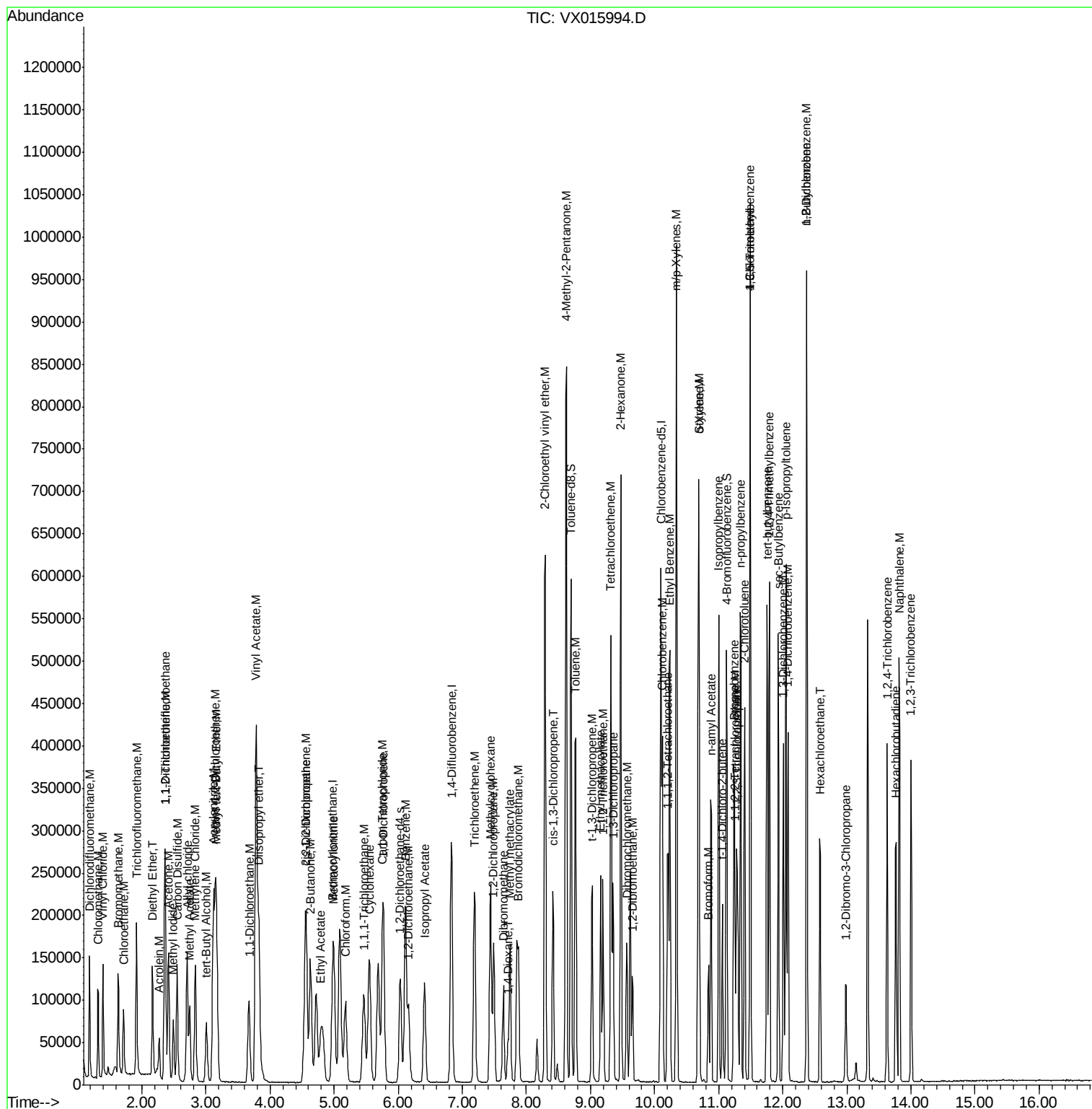
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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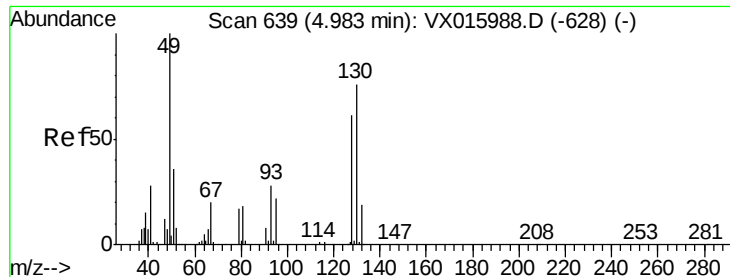
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX043020\
Data File : VX015994.D
Acq On : 30 Apr 2020 14:41
Operator : JC/SP
Sample : VX0430WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :

Quant Time: May 01 07:54:44 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 30 12:42:44 2020
Response via : Initial Calibration



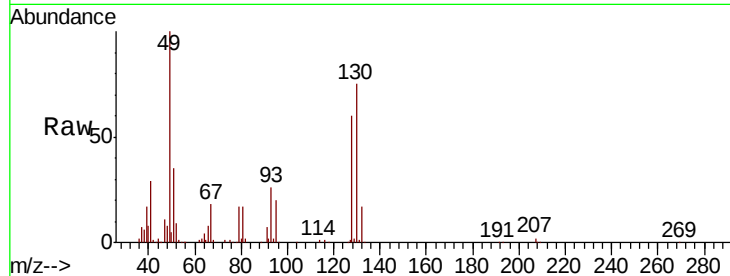


#1

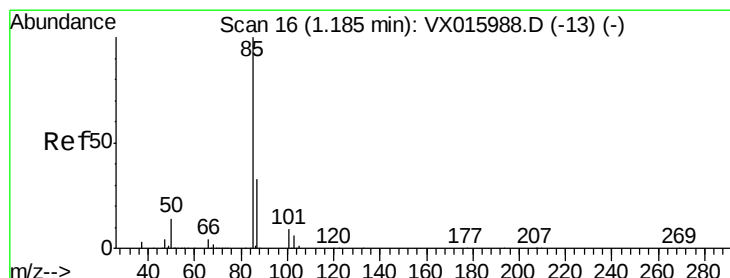
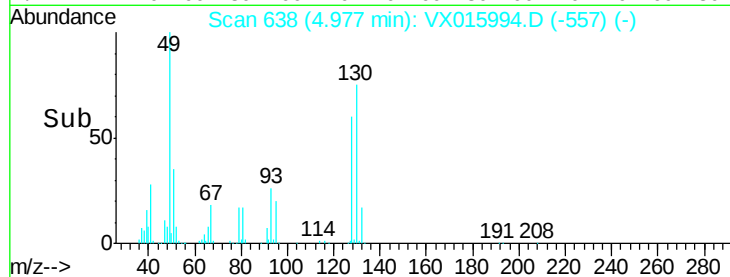
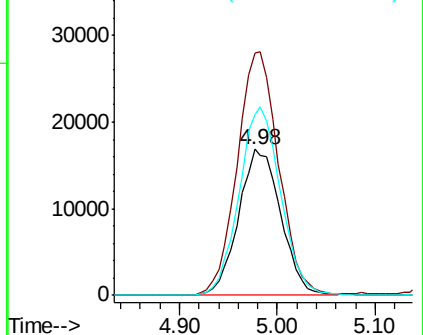
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX015994.D
Acq: 30 Apr 2020 14:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 50490
Ion Ratio Lower Upper
128 100
49 164.3 0.0 418.5
130 126.9 0.0 326.3



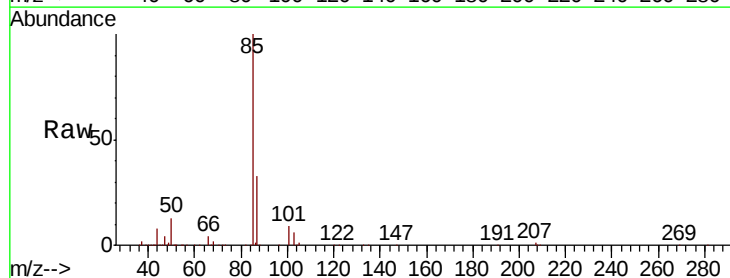
Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V



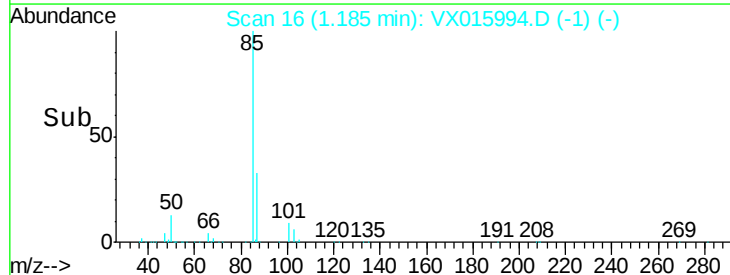
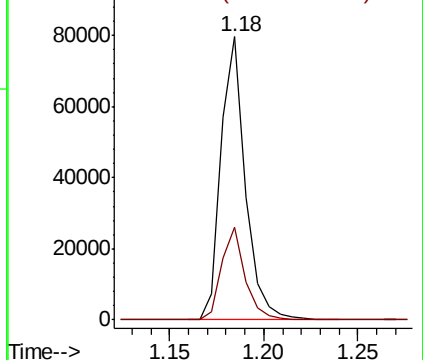
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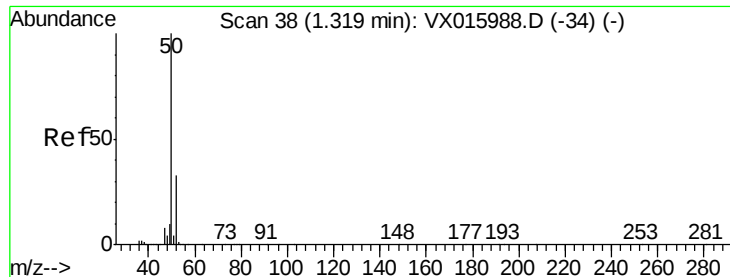
Dichlorodifluoromethane
Concen: 20.659 ug/l
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX015994.D
Acq: 30 Apr 2020 14:41

Tgt Ion: 85 Resp: 71847
Ion Ratio Lower Upper
85 100
87 32.7 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.915 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

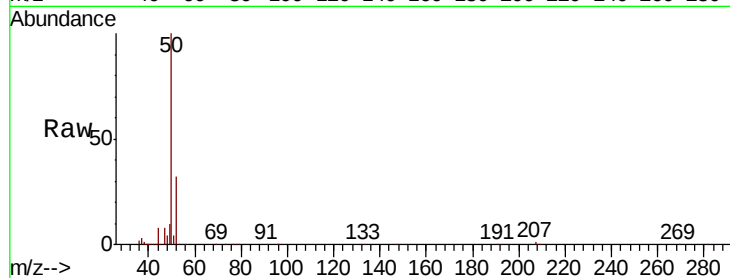
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 67859

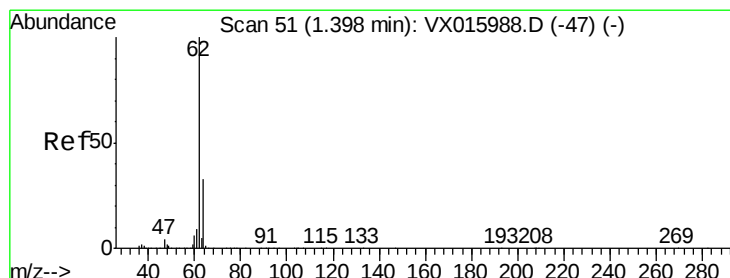
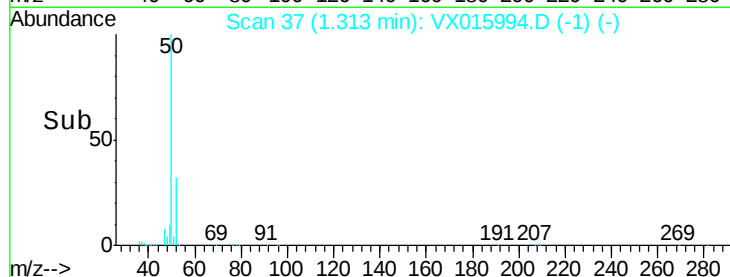
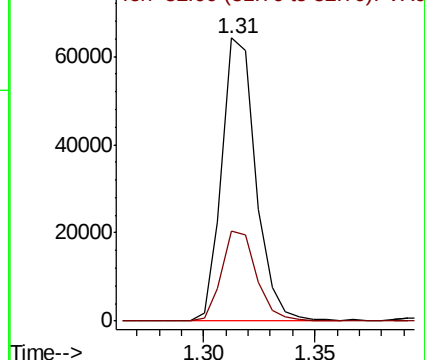
Ion Ratio Lower Upper

50 100

52 32.0 26.5 39.7



Abundance Ion 50.00 (49.70 to 50.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 19.223 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX015994.D

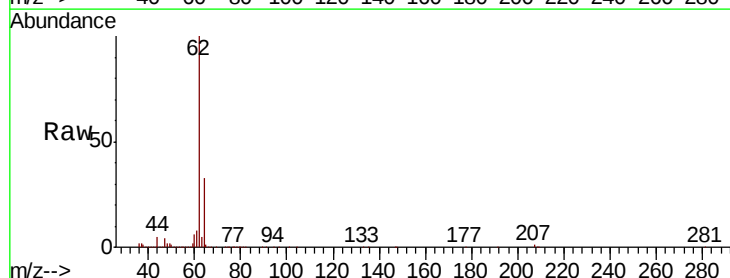
Acq: 30 Apr 2020 14:41

Tgt Ion: 62 Resp: 74420

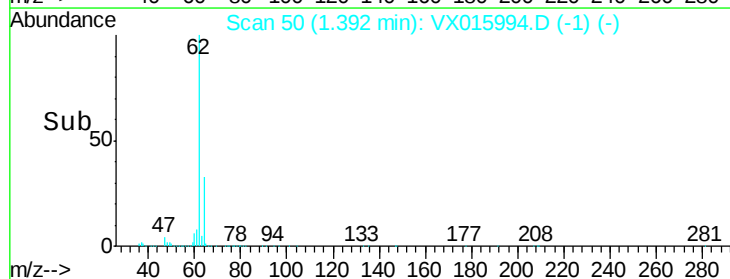
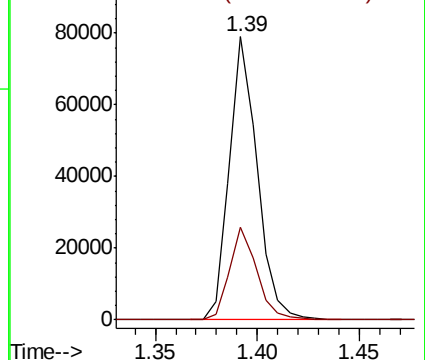
Ion Ratio Lower Upper

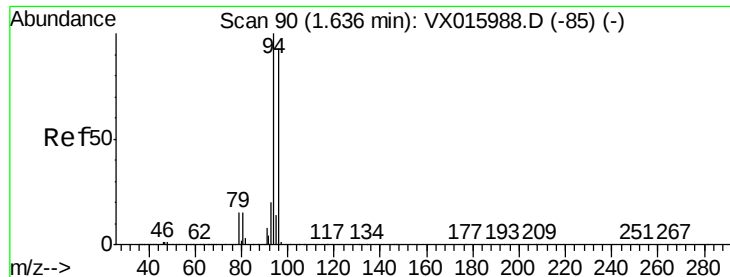
62 100

64 32.9 26.3 39.5



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 22.872 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

Instrument :

MSVOA_X

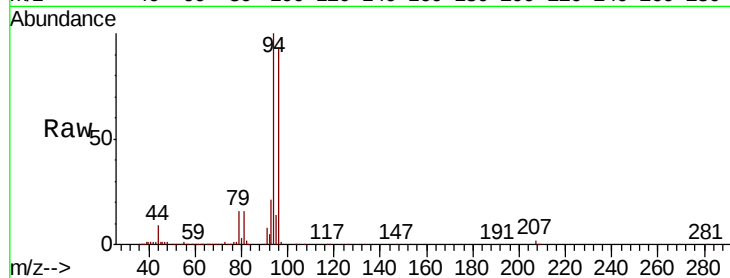
ClientSampleId :

Tot Ion: 94 Resp: 54273

Ion Ratio Lower Upper

94 100

96 92.5 74.2 111.2



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.63

40000

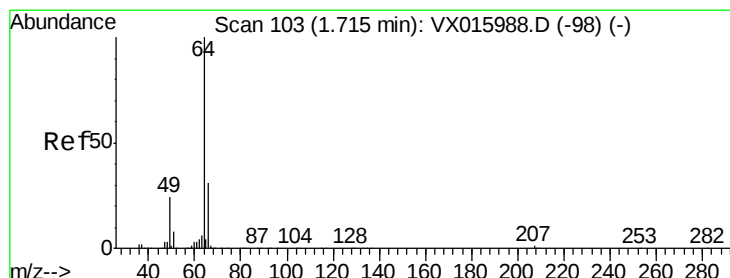
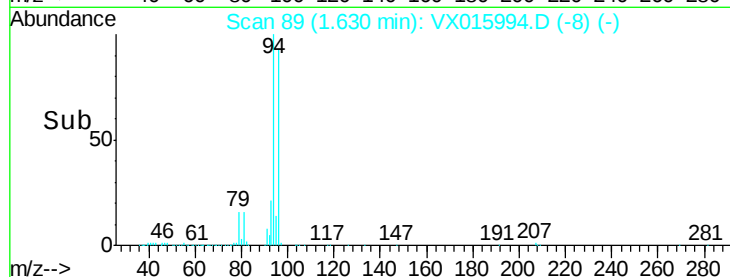
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 19.406 ug/l

RT: 1.71 min Scan# 103

Delta R.T. -0.00 min

Lab File: VX015994.D

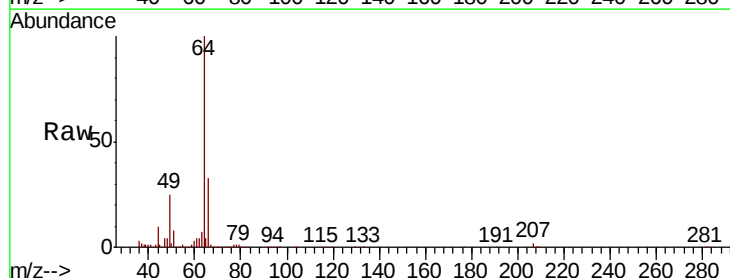
Acq: 30 Apr 2020 14:41

Tgt Ion: 64 Resp: 49250

Ion Ratio Lower Upper

64 100

66 33.2 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.71

40000

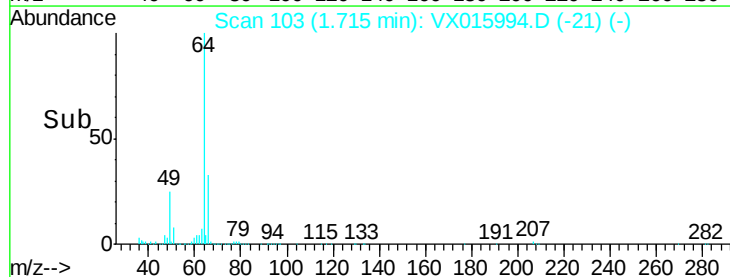
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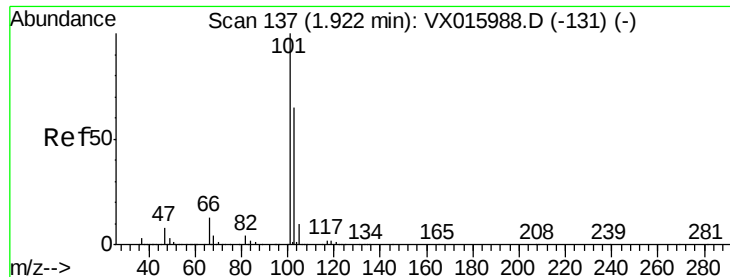
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10000

0

Time-->



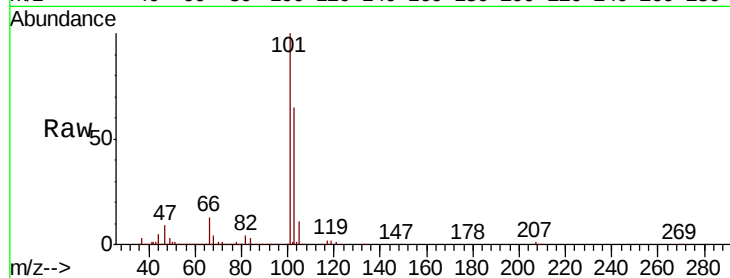


#7

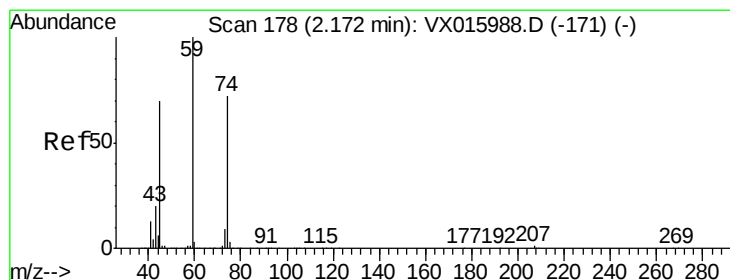
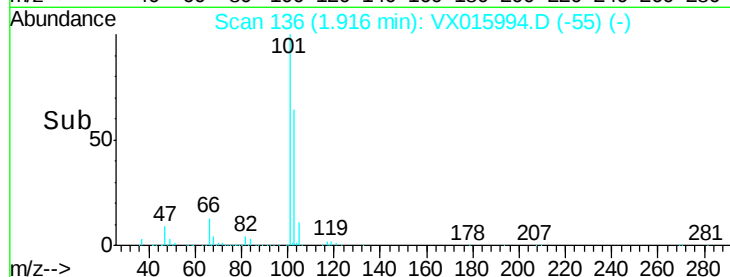
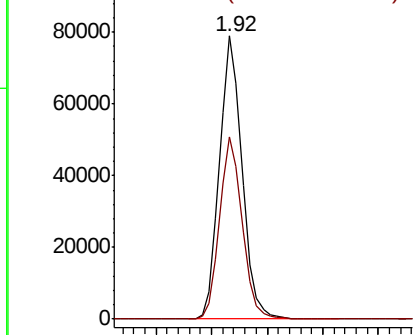
Trichlorofluoromethane
Concen: 20.001 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX015994.D
Acq: 30 Apr 2020 14:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 110906
Ion Ratio Lower Upper
101 100
103 64.5 51.8 77.8



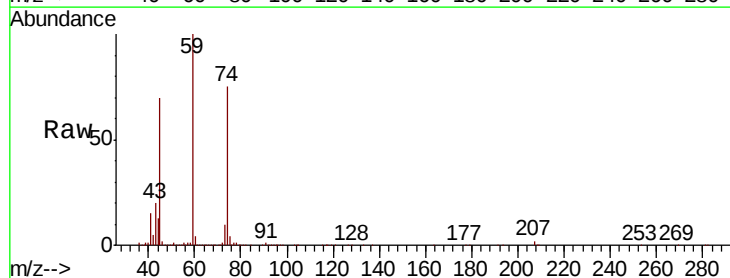
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



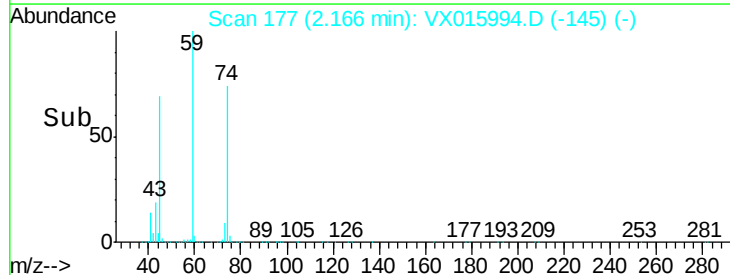
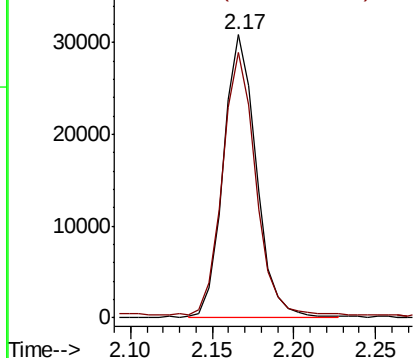
#8

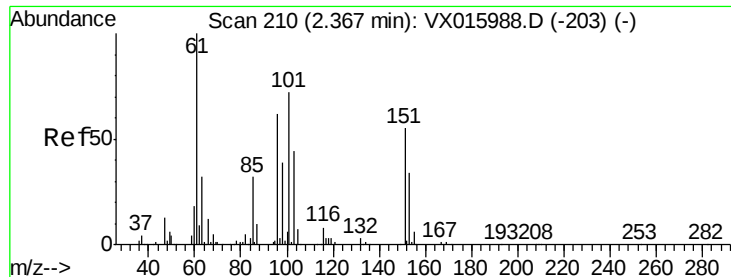
Diethyl Ether
Concen: 19.654 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX015994.D
Acq: 30 Apr 2020 14:41

Tgt Ion: 74 Resp: 43499
Ion Ratio Lower Upper
74 100
45 92.4 19.4 174.8



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.903 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

Instrument :

MSVOA_X

ClientSampleId :

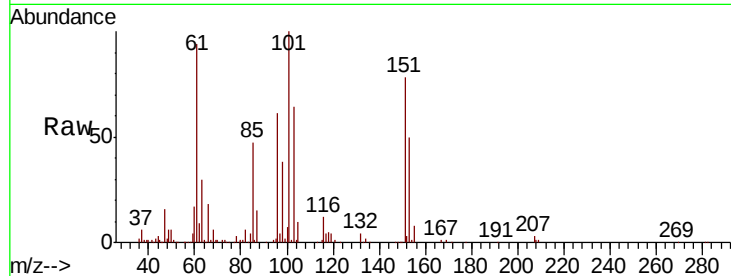
Tot Ion:101 Resp: 56993

Ion Ratio Lower Upper

101 100

85 44.4 0.0 90.6

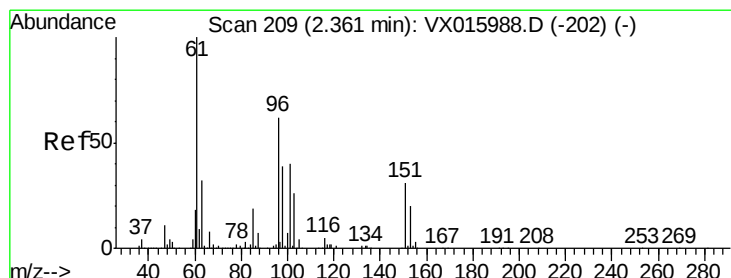
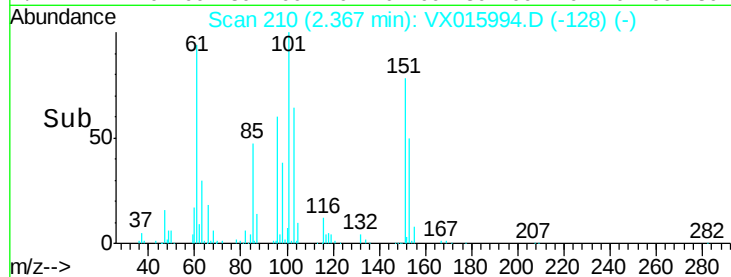
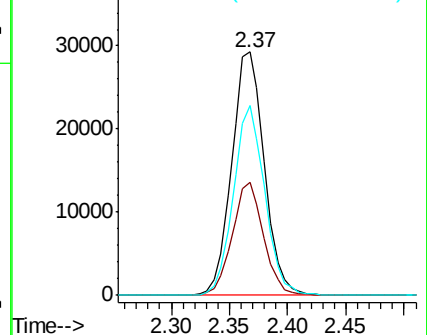
151 74.7 0.0 157.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.086 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

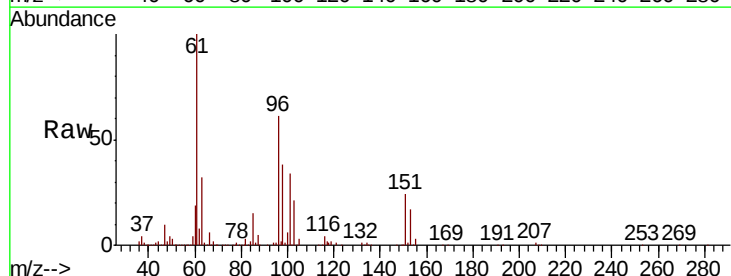
Tgt Ion: 96 Resp: 55141

Ion Ratio Lower Upper

96 100

61 164.8 129.8 194.8

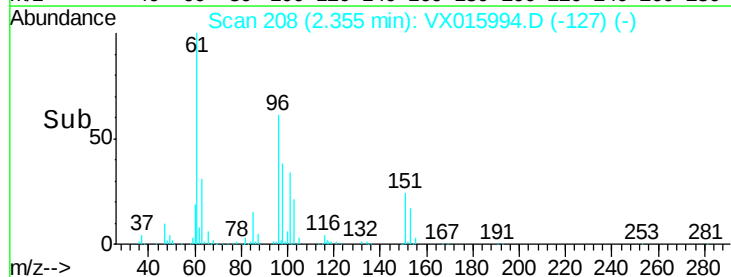
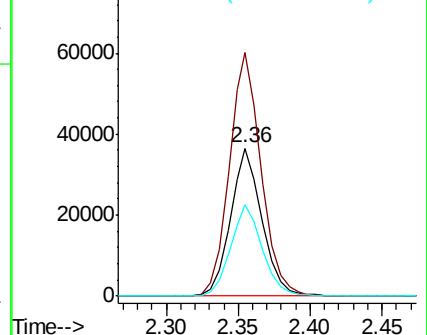
98 62.2 51.1 76.7

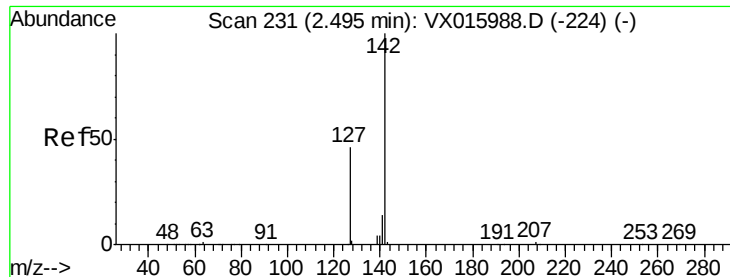


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

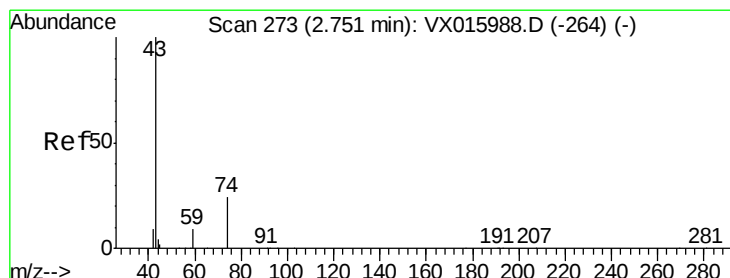
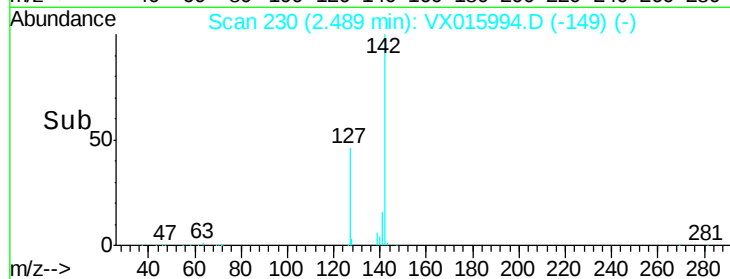
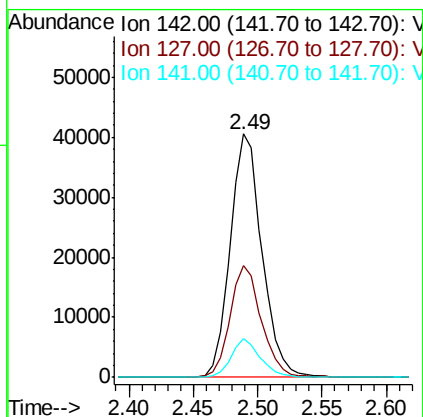
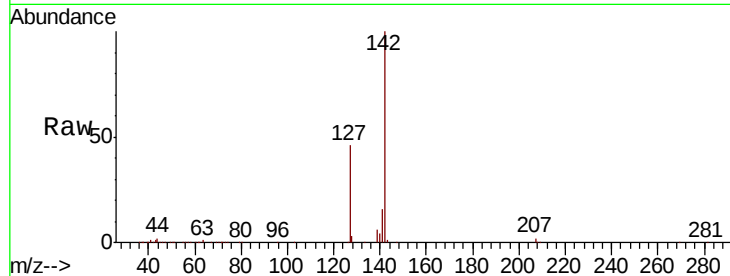




#11
Methvl Iodide
Concen: 17.713 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX015994.D
Acq: 30 Apr 2020 14:41

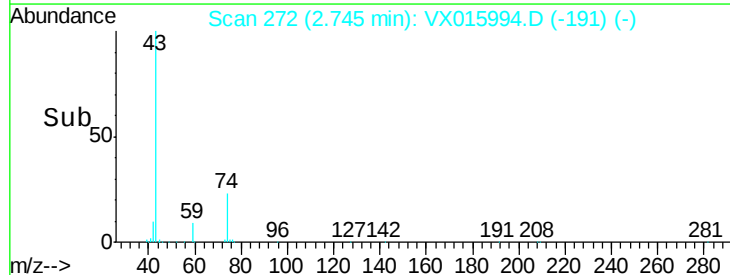
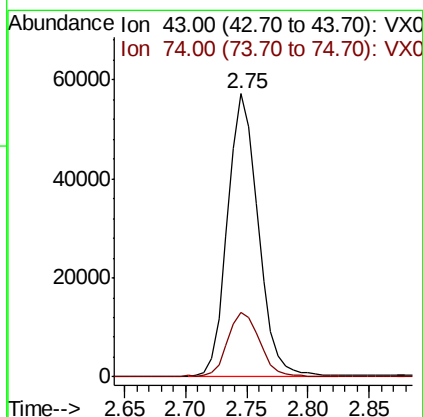
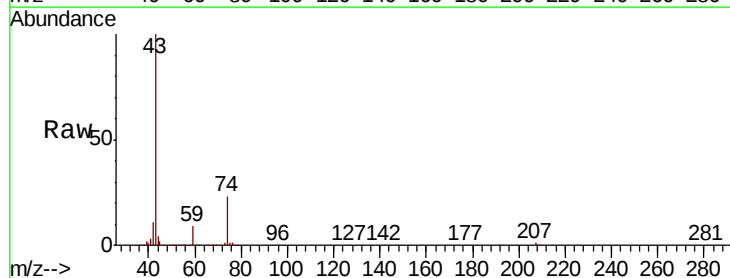
Instrument :
MSVOA_X
ClientSampleId :

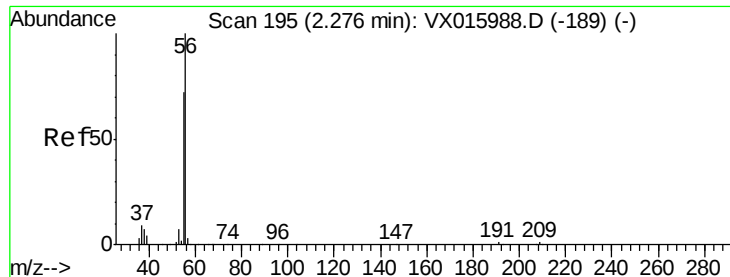
Tot Ion:142 Resp: 69864
Ion Ratio Lower Upper
142 100
127 45.9 22.8 68.4
141 15.9 7.0 21.1



#12
Methyl Acetate
Concen: 19.594 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX015994.D
Acq: 30 Apr 2020 14:41

Tgt Ion: 43 Resp: 98837
Ion Ratio Lower Upper
43 100
74 22.7 19.0 28.4





#13

Acrolein

Concen: 81.018 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

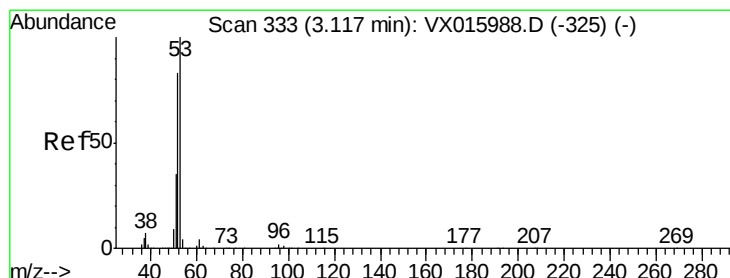
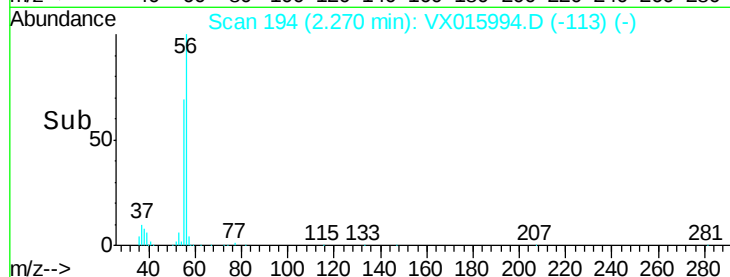
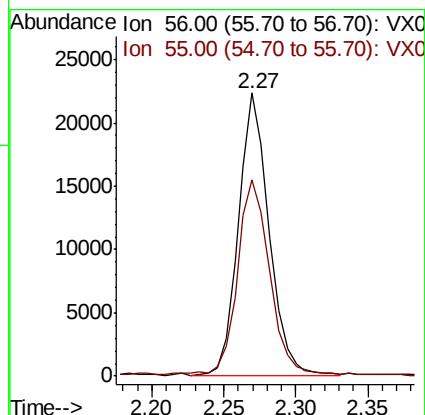
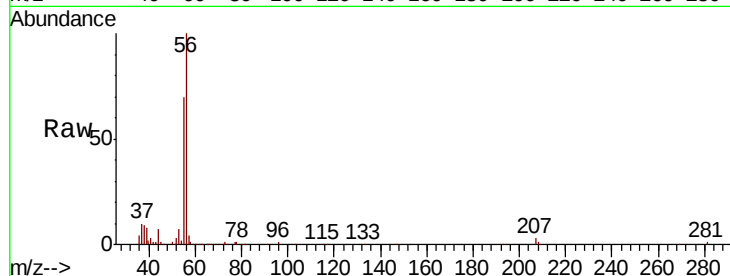
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 32762

Ion Ratio Lower Upper

56 100

55 71.9 56.2 84.4



#14

Acrylonitrile

Concen: 94.217 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

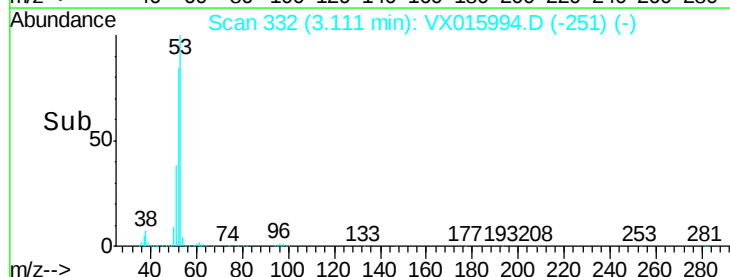
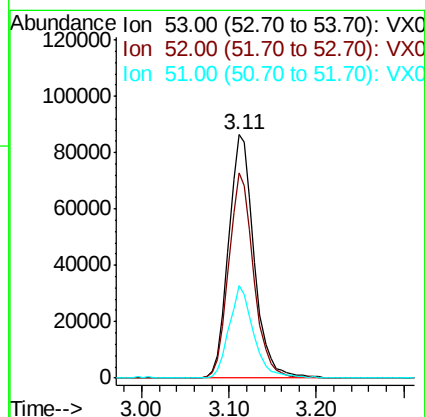
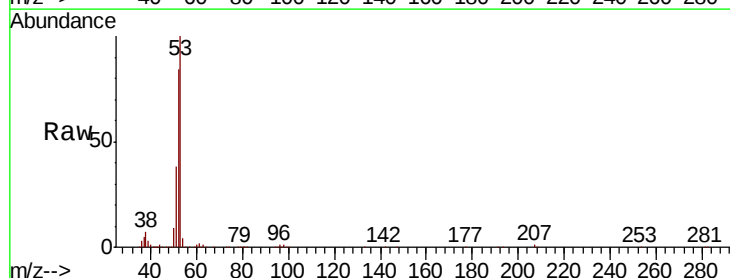
Tgt Ion: 53 Resp: 175549

Ion Ratio Lower Upper

53 100

52 81.5 41.2 123.6

51 36.6 17.8 53.5





#15

Acetone

Concen: 93.974 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

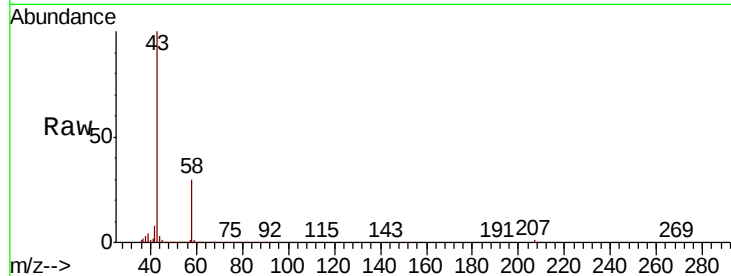
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 46339

Ion Ratio Lower Upper

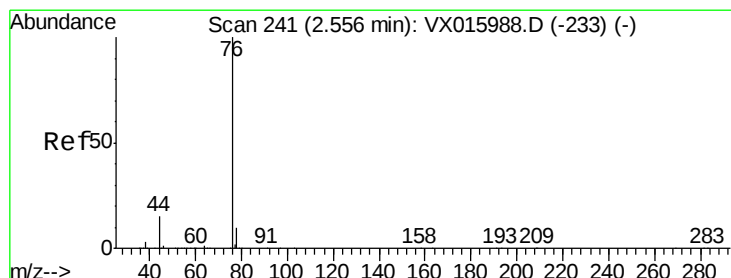
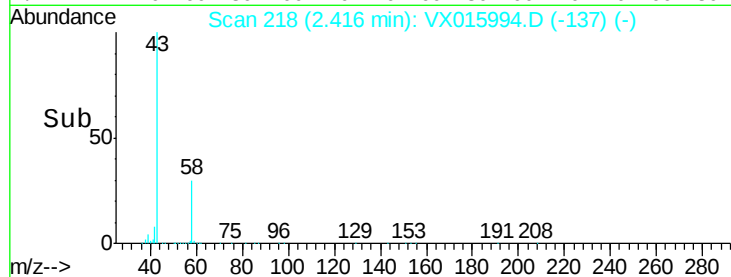
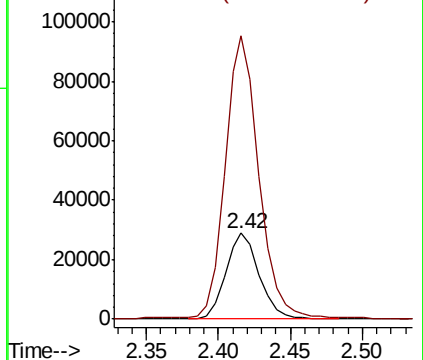
58 100

43 328.0 264.2 396.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 19.189 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX015994.D

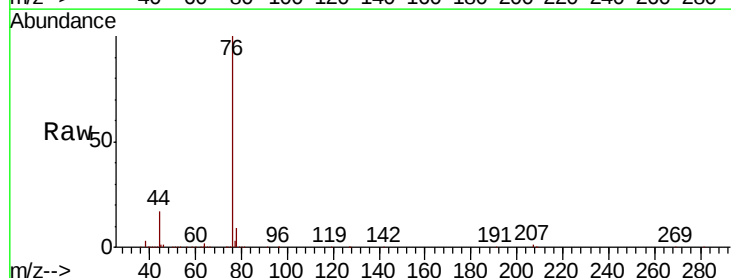
Acq: 30 Apr 2020 14:41

Tgt Ion: 76 Resp: 168656

Ion Ratio Lower Upper

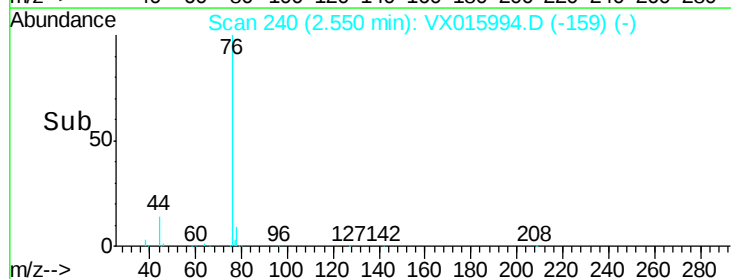
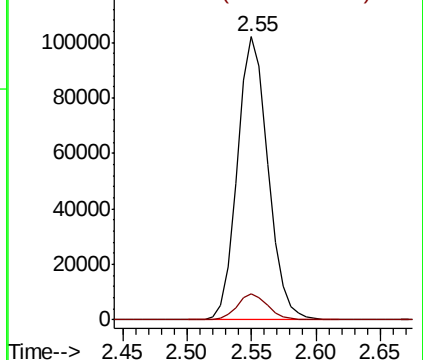
76 100

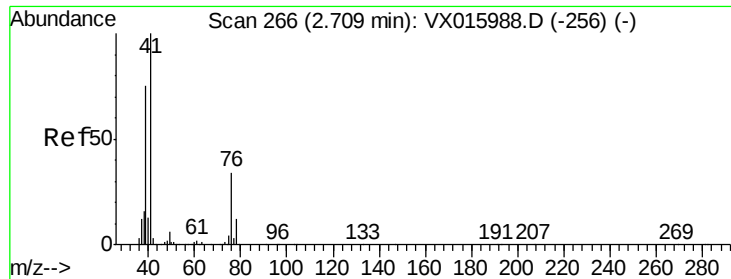
78 9.1 7.7 11.5



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

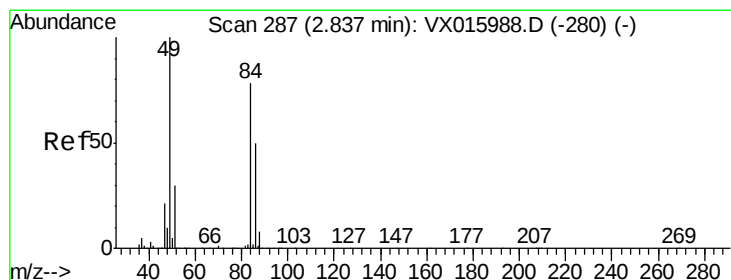
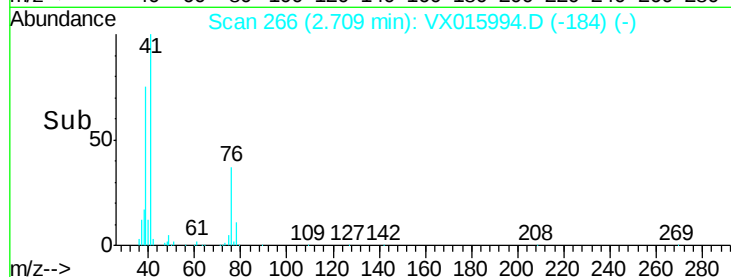
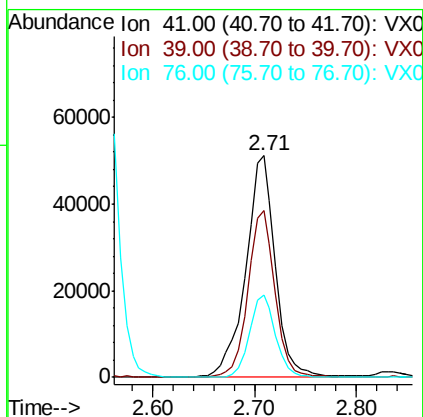
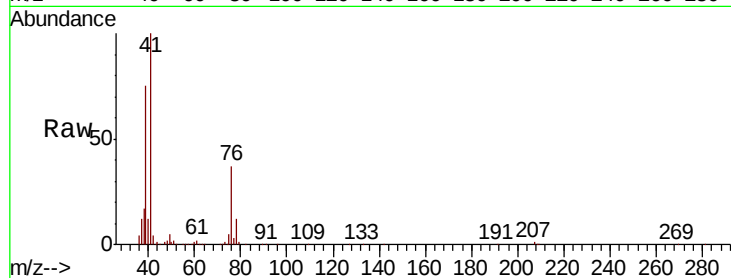




#17
Allvl chloride
Concen: 19.126 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX015994.D
Acq: 30 Apr 2020 14:41

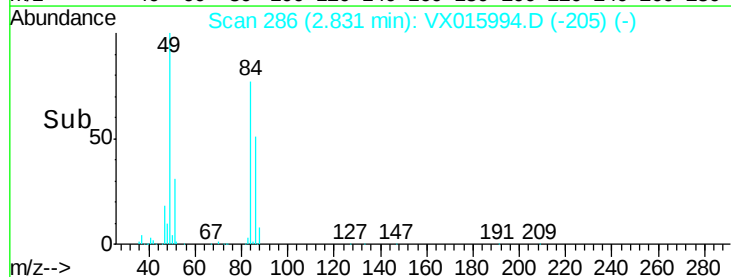
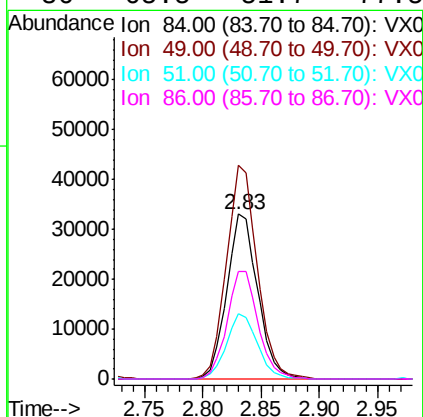
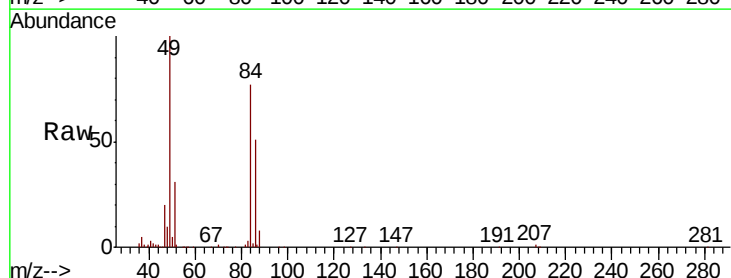
Instrument :
MSVOA_X
ClientSampleId :

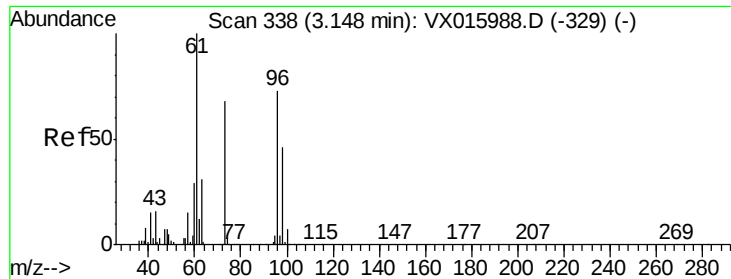
Tot Ion: 41 Resp: 102506
Ion Ratio Lower Upper
41 100
39 74.9 37.6 112.8
76 37.1 17.2 51.5



#18
Methylene Chloride
Concen: 18.852 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX015994.D
Acq: 30 Apr 2020 14:41

Tgt Ion: 84 Resp: 61014
Ion Ratio Lower Upper
84 100
49 129.5 103.0 154.4
51 39.9 31.4 47.0
86 65.5 51.7 77.5

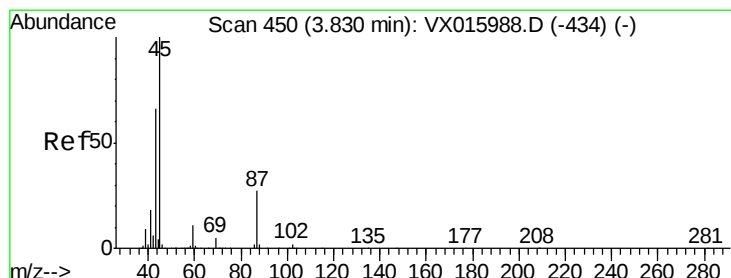
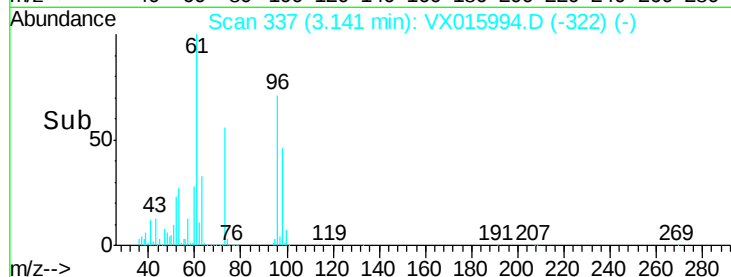
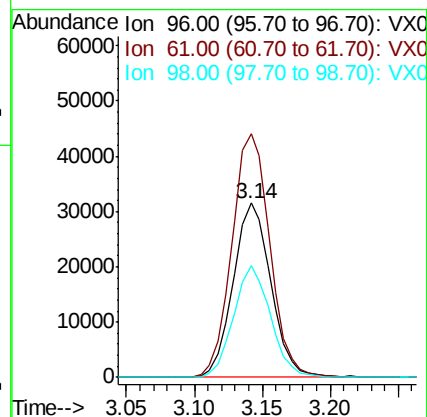
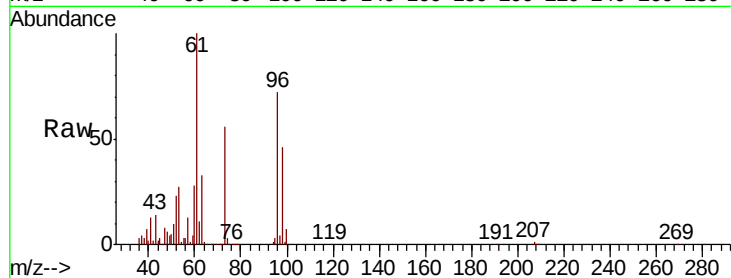




#19
trans-1,2-Dichloroethene
Concen: 19.298 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.01 min
Lab File: VX015994.D
Acq: 30 Apr 2020 14:41

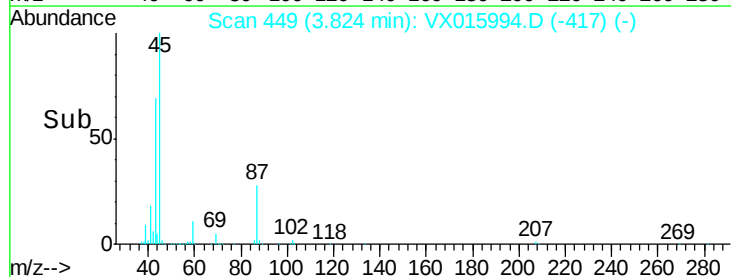
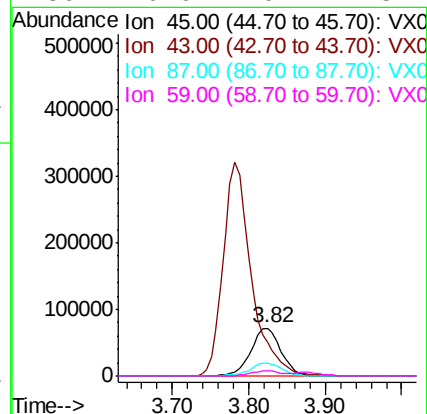
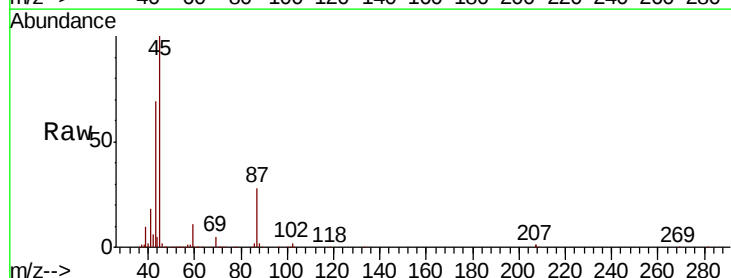
Instrument :
MSVOA_X
ClientSampled :

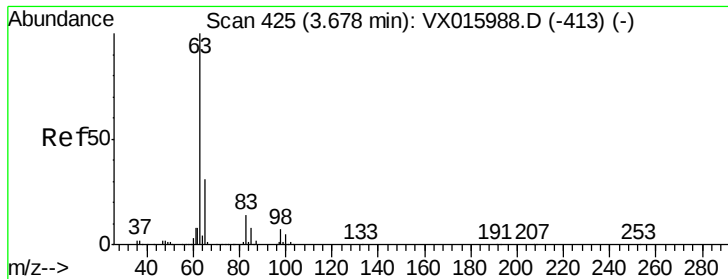
Tot Ion	Ratio	Lower	Upper
96	100		
61	139.6	109.0	163.4
98	64.2	50.0	75.0



#20
Diisopropyl ether
Concen: 18.982 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.01 min
Lab File: VX015994.D
Acq: 30 Apr 2020 14:41

Tgt Ion	Ratio	Lower	Upper
45	100		
43	68.5	53.0	79.4
87	27.6	21.9	32.9
59	10.9	9.1	13.7





#21

1,1-Dichloroethane

Concen: 19.105 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.01 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

Instrument :

MSVOA_X

ClientSampleId :

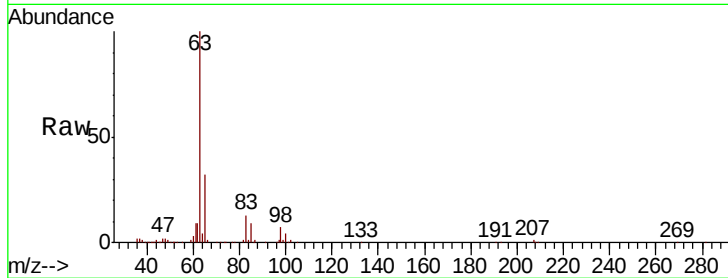
Tot Ion: 63 Resp: 110084

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

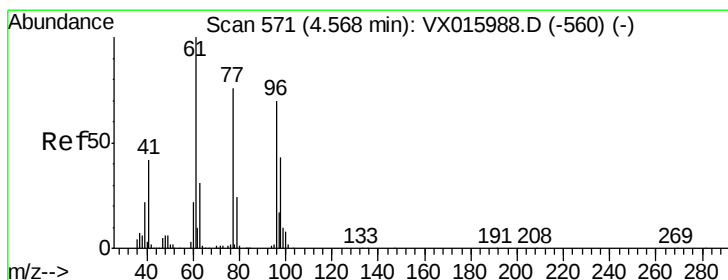
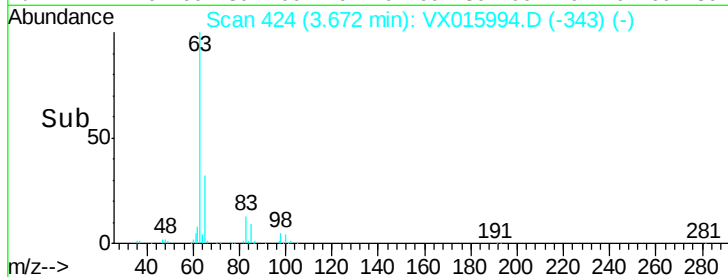
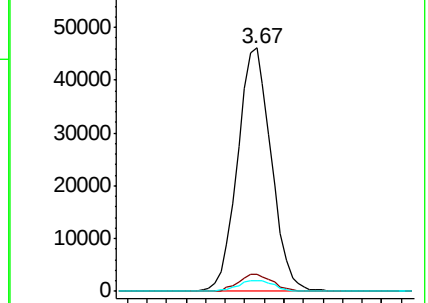
100 4.1 2.3 6.9



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 19.150 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

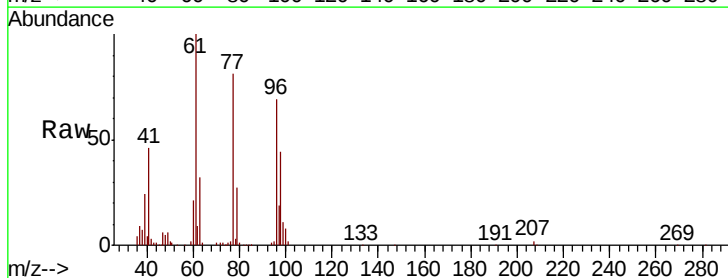
Tgt Ion: 96 Resp: 68672

Ion Ratio Lower Upper

96 100

61 149.0 121.6 182.4

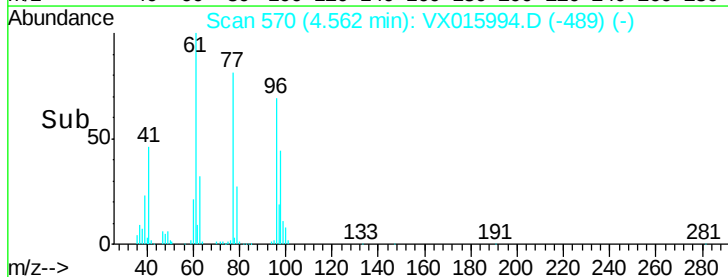
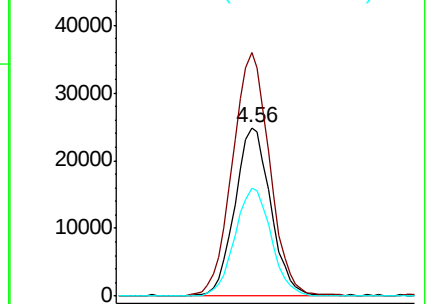
98 64.4 51.9 77.9

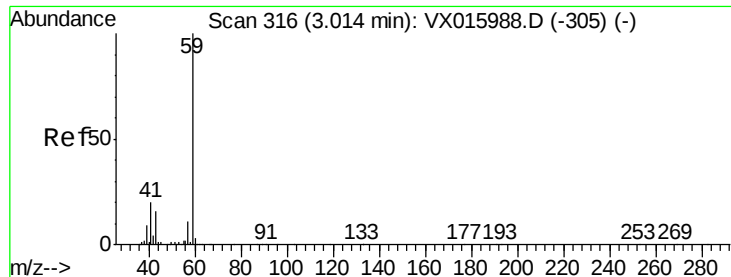


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 95.065 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

Instrument :

MSVOA_X

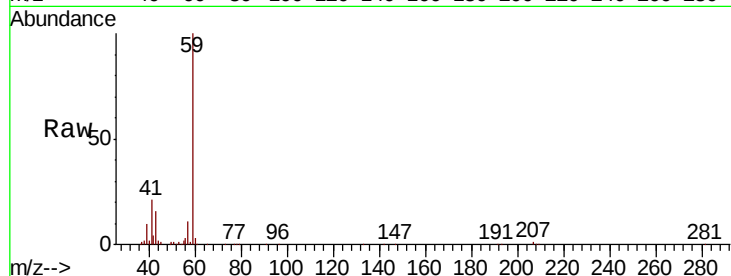
ClientSampleId :

Tot Ion: 59 Resp: 86706

Ion Ratio Lower Upper

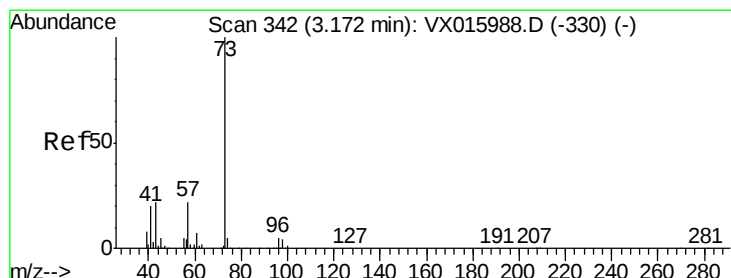
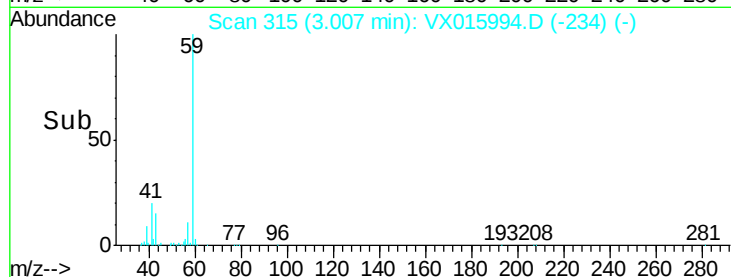
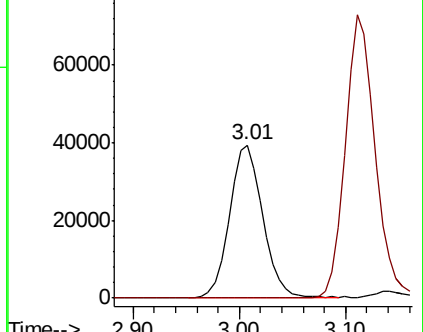
59 100

52 0.1 0.1 0.1



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 19.201 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.01 min

Lab File: VX015994.D

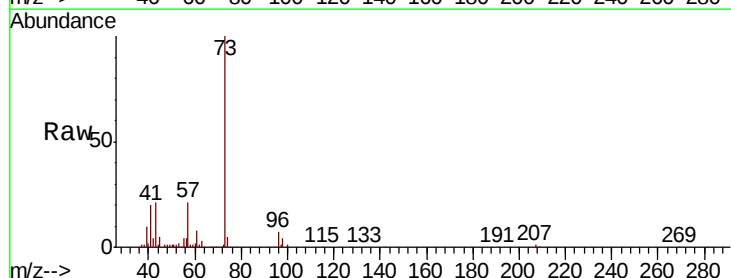
Acq: 30 Apr 2020 14:41

Tgt Ion: 73 Resp: 199215

Ion Ratio Lower Upper

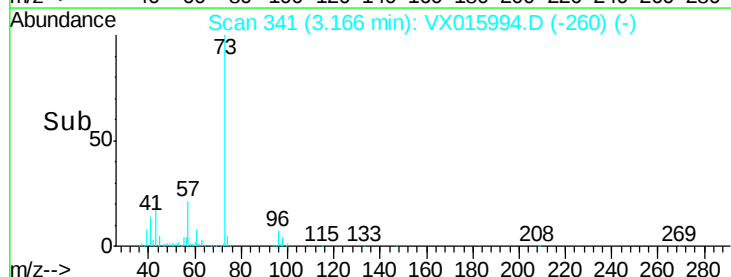
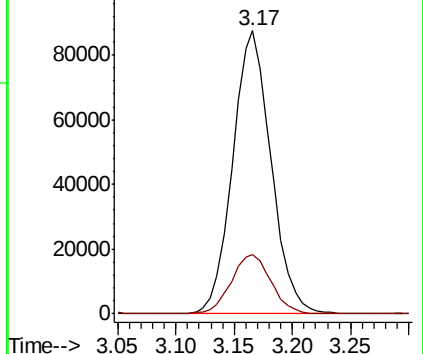
73 100

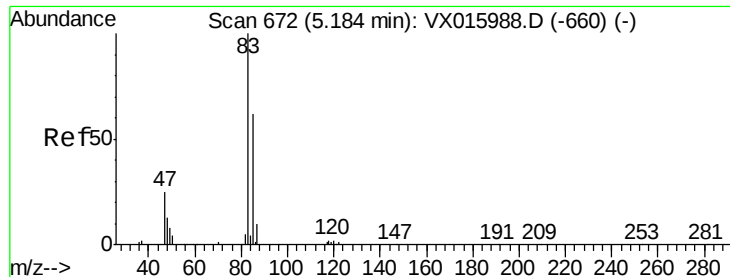
43 21.6 17.8 26.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

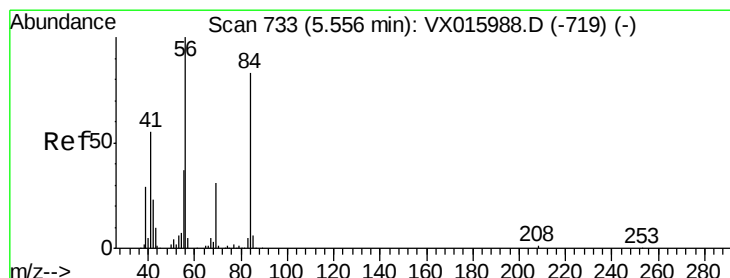
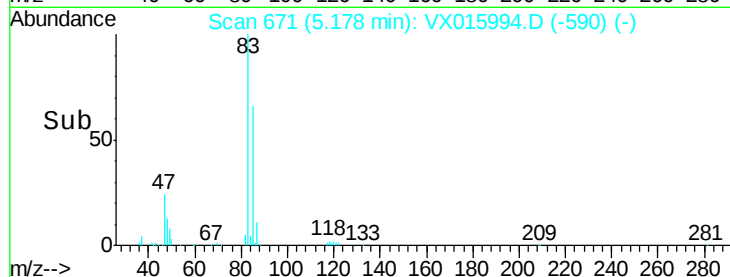
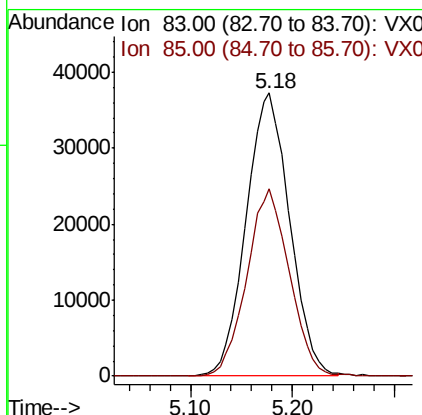
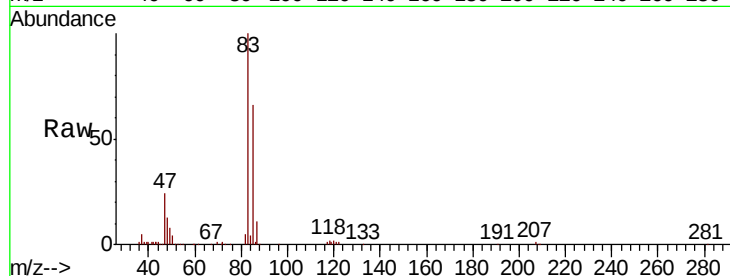




#25
Chloroform
Concen: 18.905 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX015994.D
Acq: 30 Apr 2020 14:41

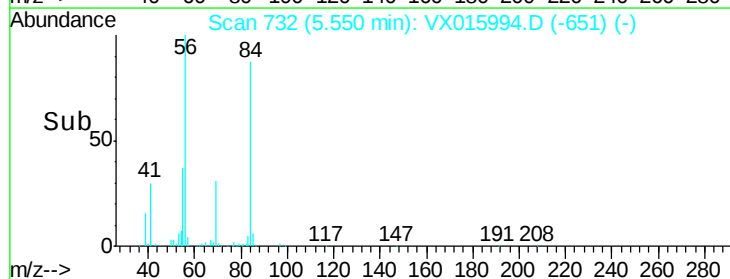
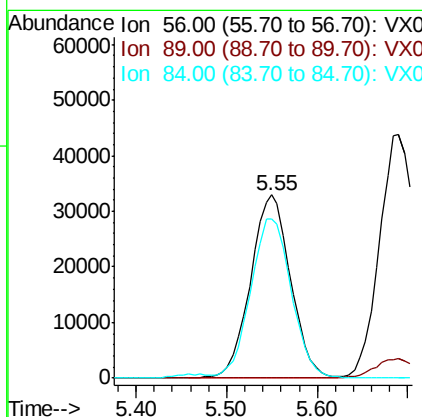
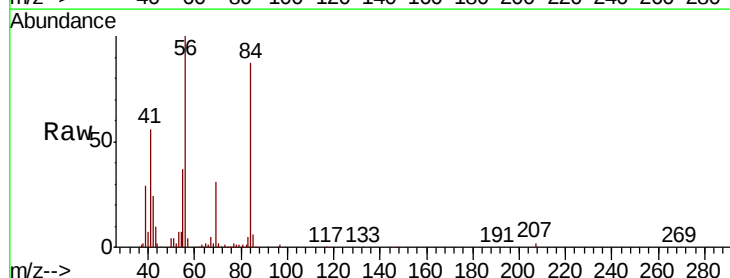
Instrument :
MSVOA_X
ClientSampleId :

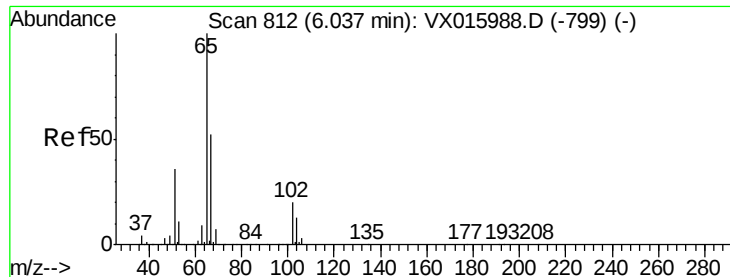
Tot Ion: 83 Resp: 110632
Ion Ratio Lower Upper
83 100
85 65.9 49.6 74.4



#26
Cyclohexane
Concen: 19.045 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX015994.D
Acq: 30 Apr 2020 14:41

Tgt Ion: 56 Resp: 100350
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 89.1 70.1 105.1





#27

1,2-Dichloroethane-d4

Concen: 30.142 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

Instrument :

MSVOA_X

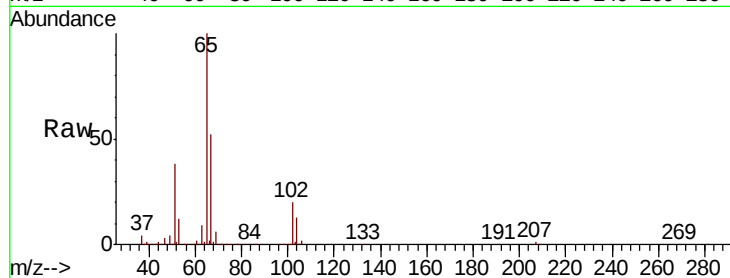
ClientSampled :

Tot Ion: 65 Resp: 116961

Ion Ratio Lower Upper

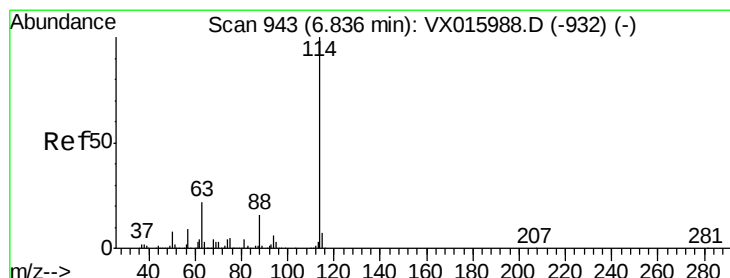
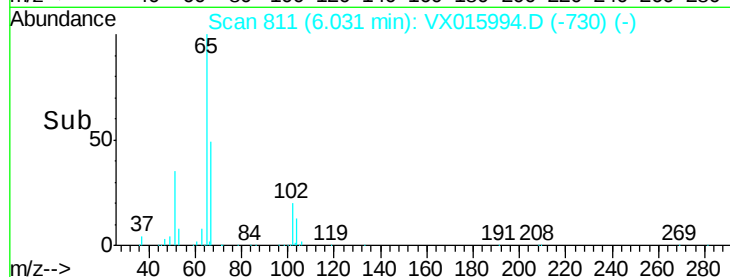
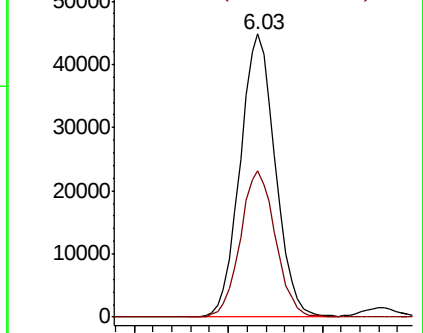
65 100

67 51.5 41.0 61.4



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

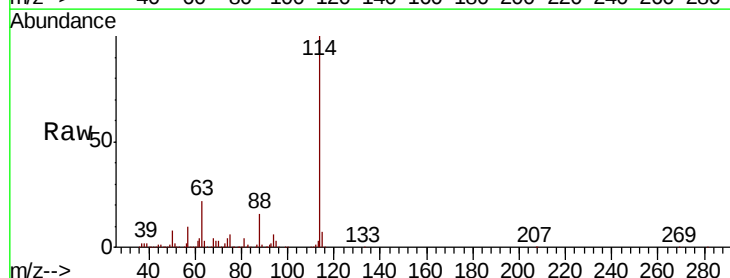
Tgt Ion: 114 Resp: 283083

Ion Ratio Lower Upper

114 100

63 21.2 17.1 25.7

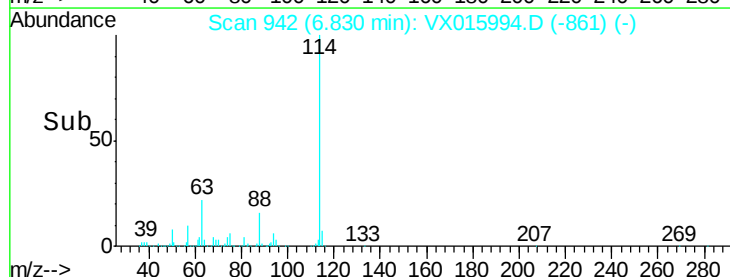
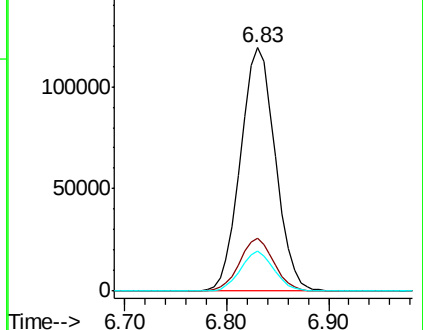
88 15.9 13.0 19.4

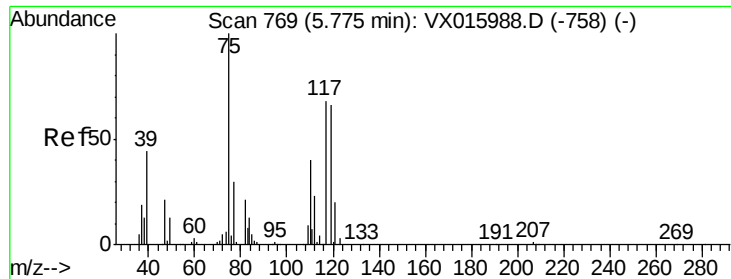


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 18.966 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

Instrument :

MSVOA_X

ClientSampleId :

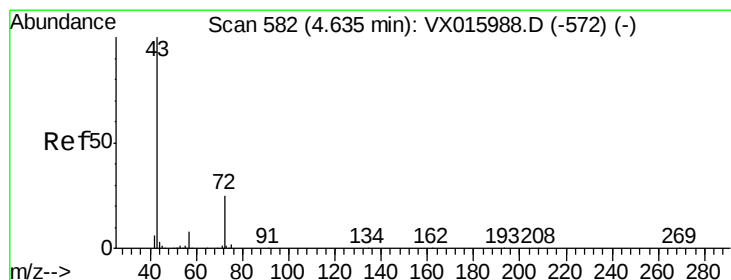
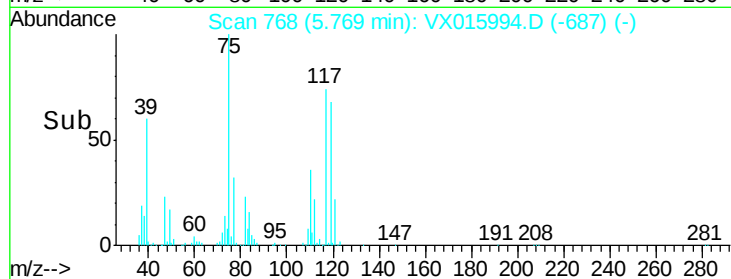
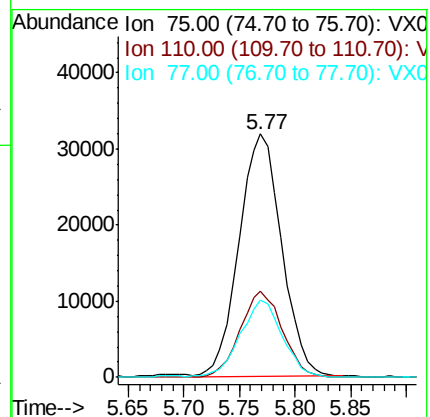
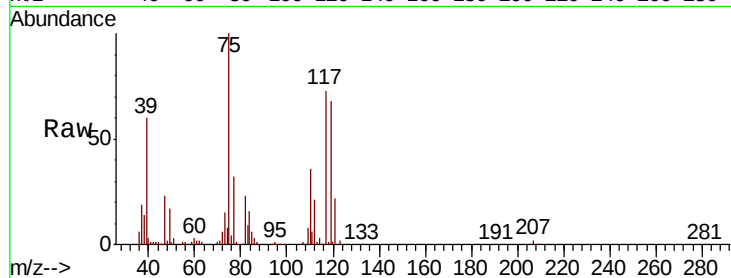
Tot Ion: 75 Resp: 84439

Ion Ratio Lower Upper

75 100

110 35.5 0.0 71.0

77 31.8 0.0 64.2



#30

2-Butanone

Concen: 94.322 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

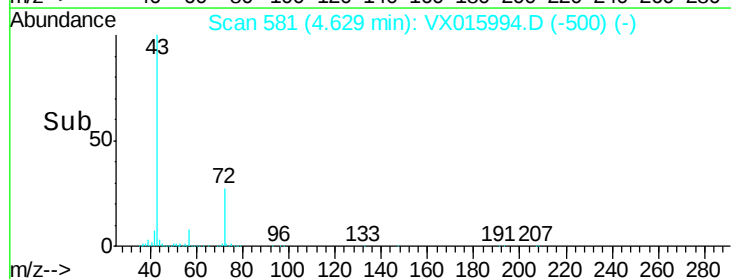
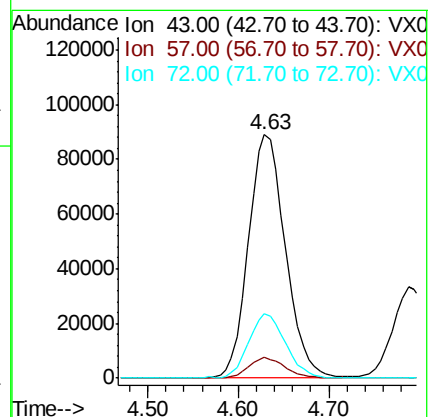
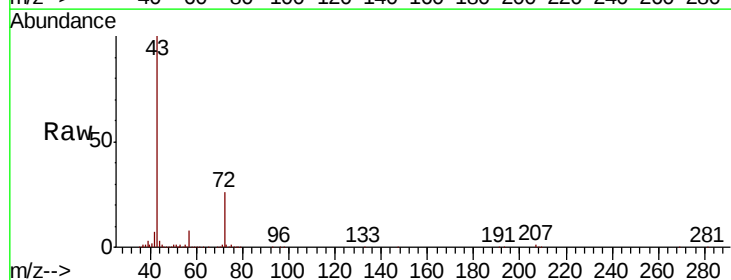
Tgt Ion: 43 Resp: 250229

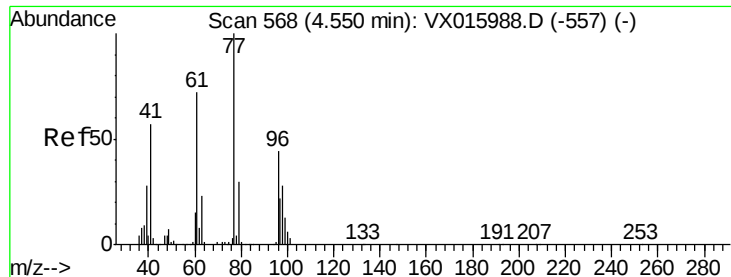
Ion Ratio Lower Upper

43 100

57 8.3 6.3 9.5

72 26.2 20.8 31.2





#31

2,2-Dichloropropane

Concen: 19.380 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

Instrument :

MSVOA_X

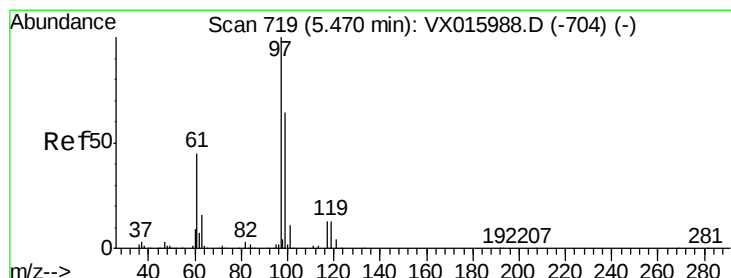
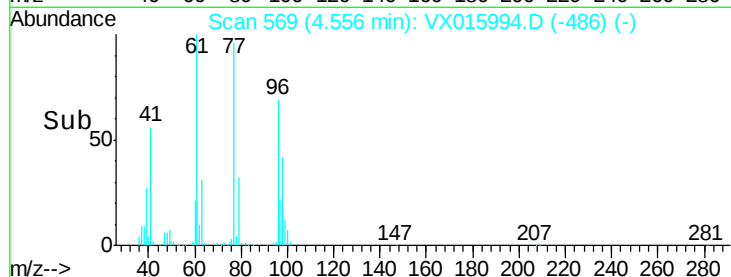
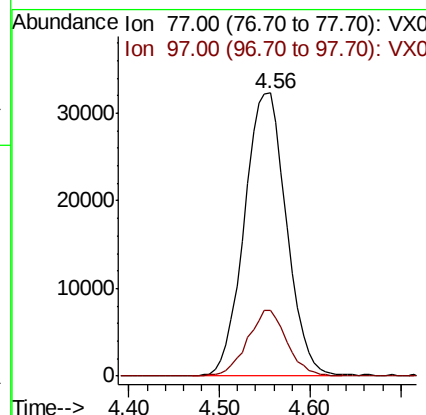
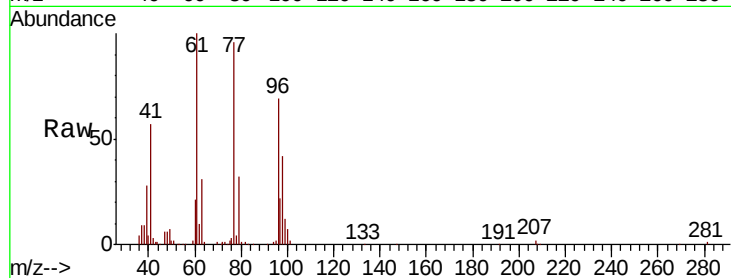
ClientSampleId :

Tot Ion: 77 Resp: 103842

Ion Ratio Lower Upper

77 100

97 21.6 17.8 26.8



#32

1,1,1-Trichloroethane

Concen: 19.001 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

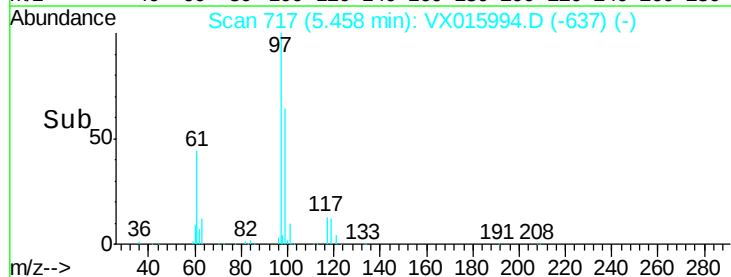
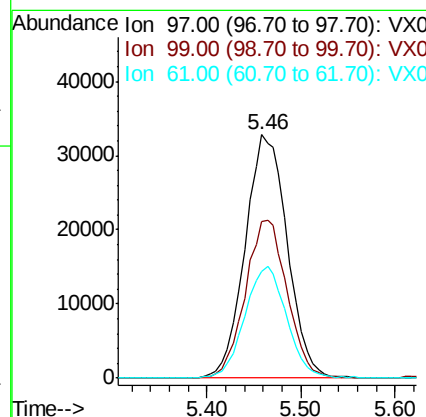
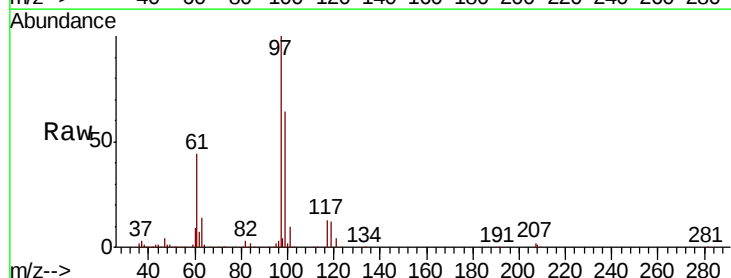
Tgt Ion: 97 Resp: 102623

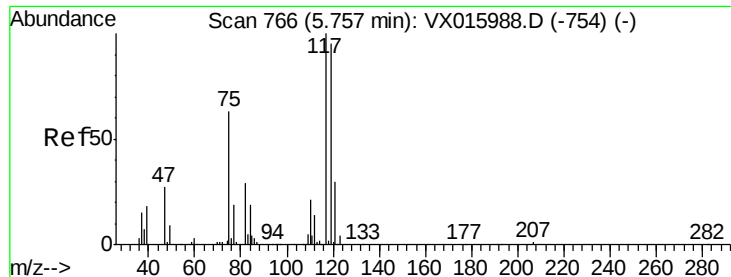
Ion Ratio Lower Upper

97 100

99 64.6 50.7 76.1

61 45.4 35.9 53.9





#33

Carbon Tetrachloride

Concen: 19.081 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

Instrument :

MSVOA_X

ClientSampleId :

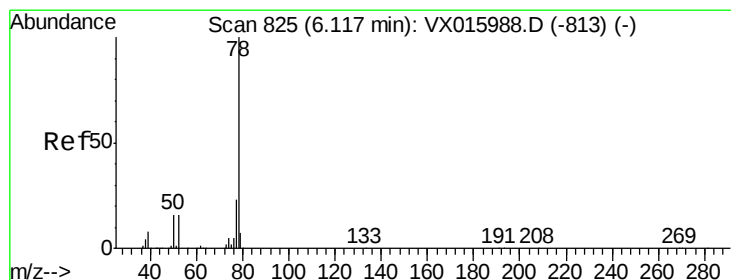
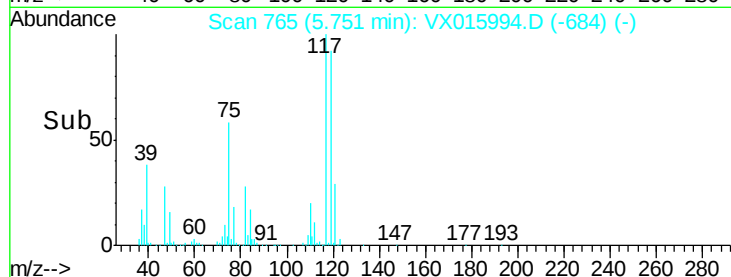
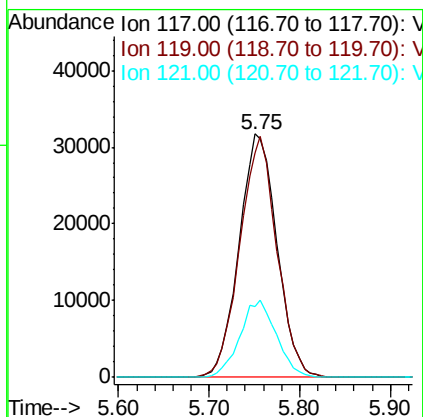
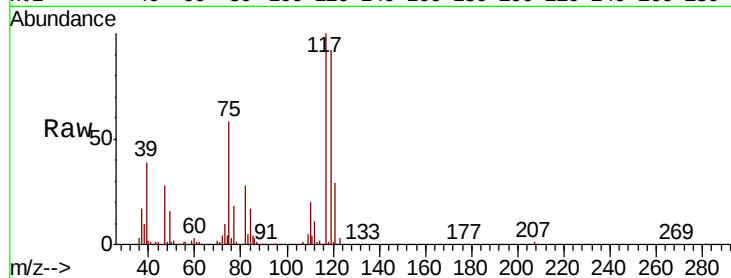
Tot Ion:117 Resp: 91759

Ion Ratio Lower Upper

117 100

119 92.0 76.3 114.5

121 29.2 24.2 36.4



#34

Benzene

Concen: 18.909 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

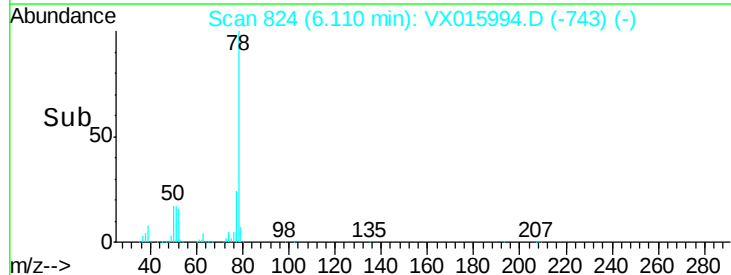
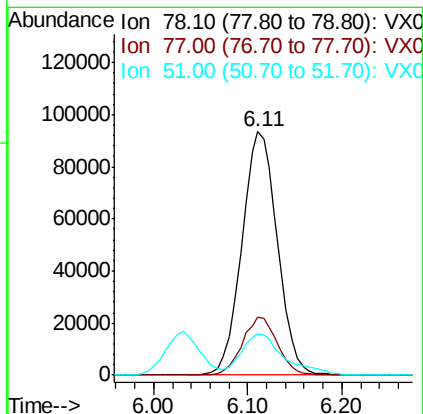
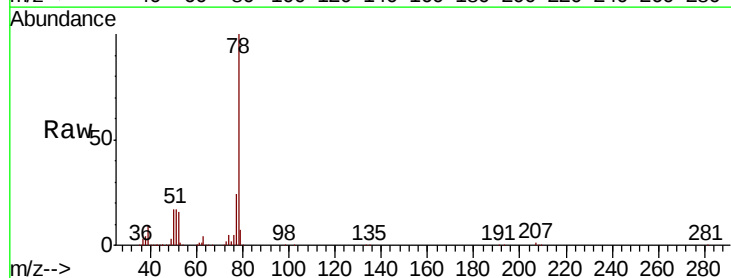
Tgt Ion: 78 Resp: 245894

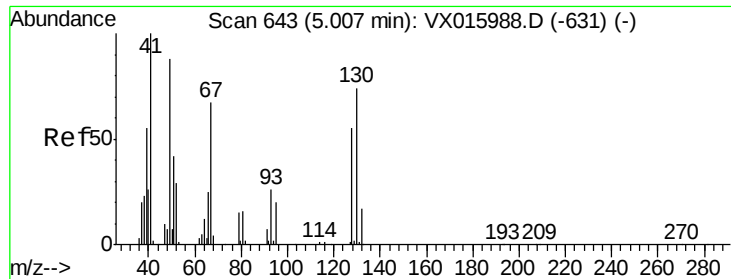
Ion Ratio Lower Upper

78 100

77 23.7 18.7 28.1

51 16.6 12.7 19.1

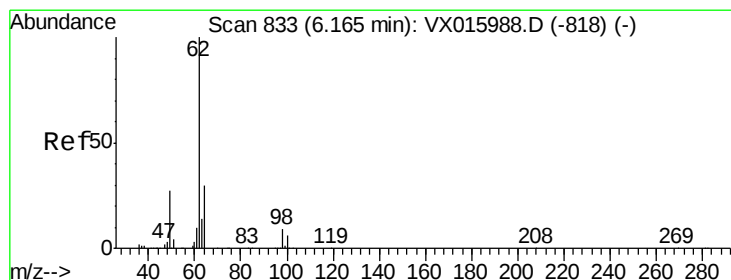
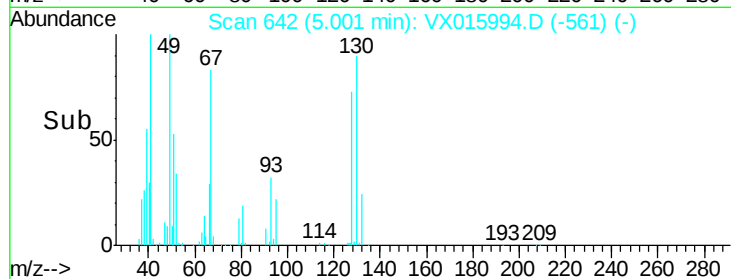
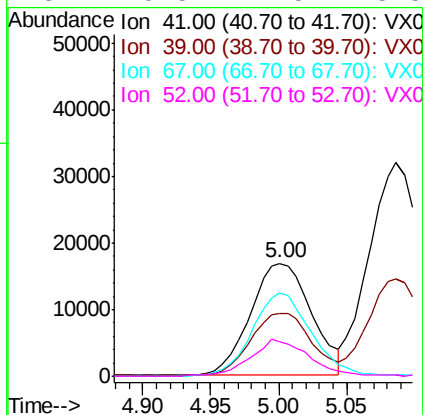
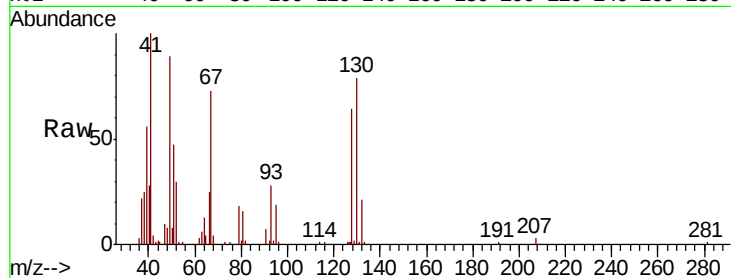




#35
Methacrylonitrile
Concen: 18.772 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX015994.D
Acq: 30 Apr 2020 14:41

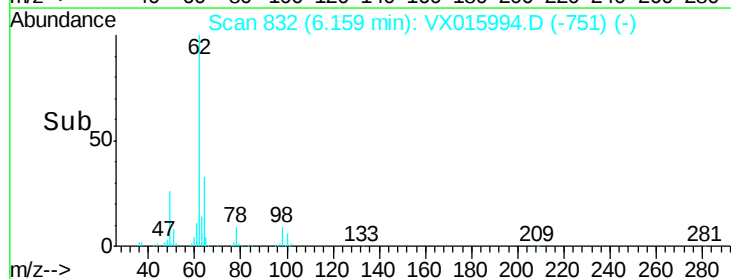
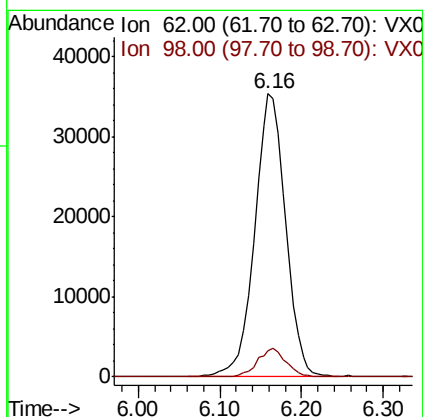
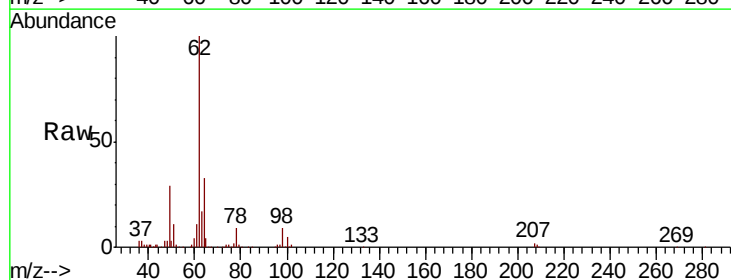
Instrument :
MSVOA_X
ClientSampled :

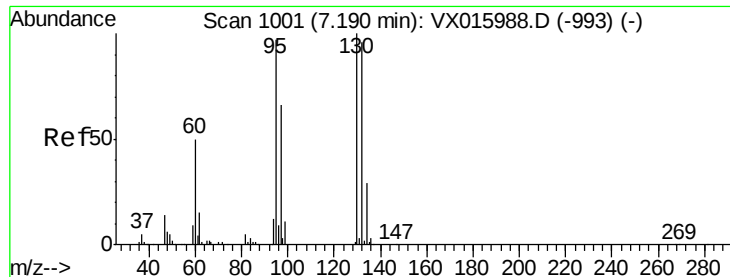
Tot Ion:	41	Resp:	52887
Ion	Ratio	Lower	Upper
41	100		
39	55.3	27.5	82.4
67	73.4	33.6	100.6
52	29.5	14.5	43.5



#36
1,2-Dichloroethane
Concen: 18.868 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX015994.D
Acq: 30 Apr 2020 14:41

Tgt Ion:	62	Resp:	93705
Ion	Ratio	Lower	Upper
62	100		
98	9.2	7.4	11.2

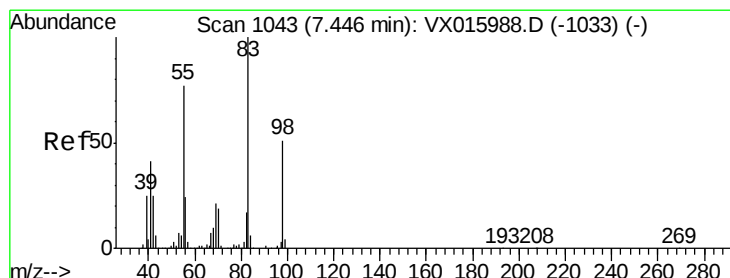
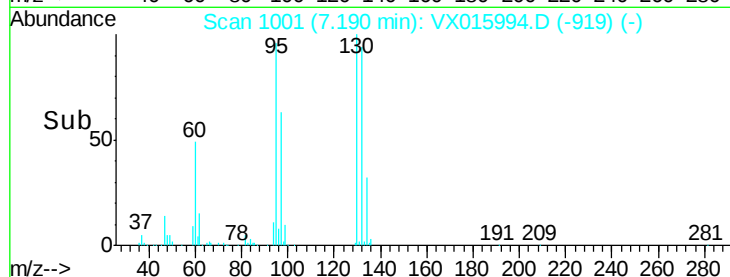
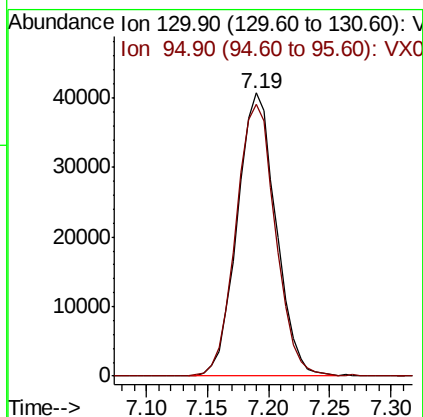
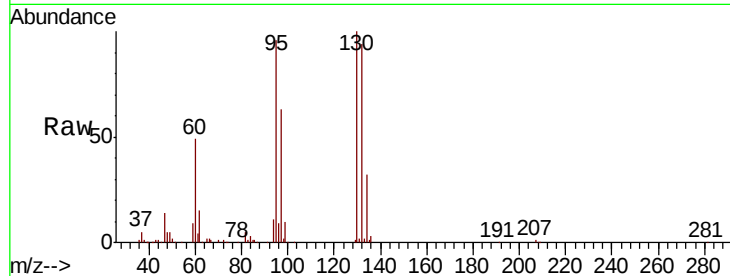




#37
 Trichloroethene
 Concen: 19.331 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX015994.D
 Acq: 30 Apr 2020 14:41

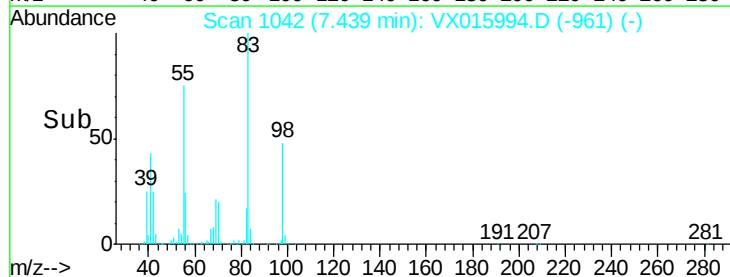
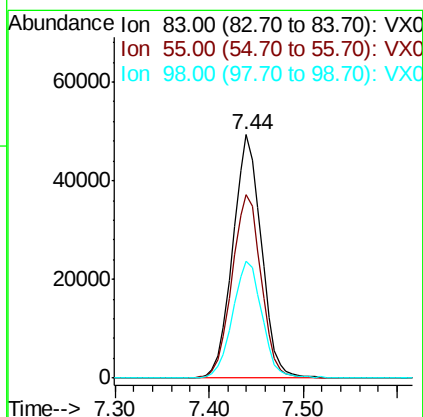
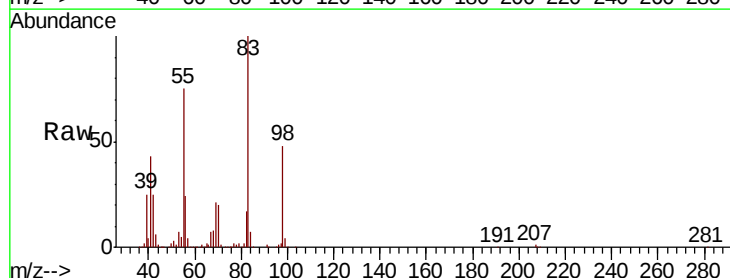
Instrument :
 MSVOA_X
 ClientSampleId :

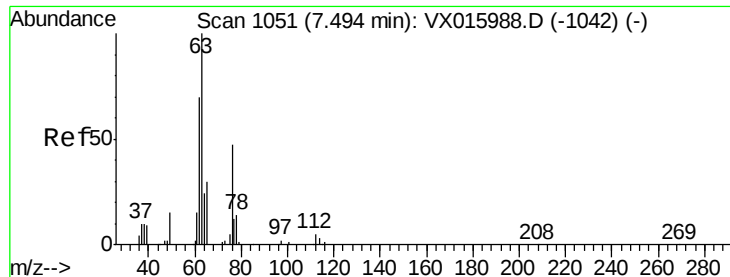
Tot Ion:130 Resp: 89428
 Ion Ratio Lower Upper
 130 100
 95 95.9 77.8 116.8



#38
 Methylcyclohexane
 Concen: 19.180 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX015994.D
 Acq: 30 Apr 2020 14:41

Tgt Ion: 83 Resp: 104359
 Ion Ratio Lower Upper
 83 100
 55 76.6 38.8 116.4
 98 49.0 25.1 75.3





#39

1,2-Dichloropropane

Concen: 18.695 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

Instrument :

MSVOA_X

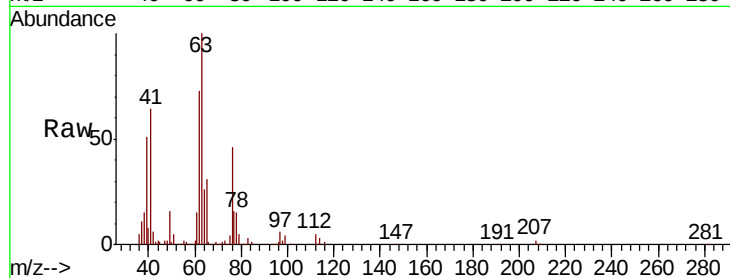
ClientSampleId :

Tot Ion: 63 Resp: 62406

Ion Ratio Lower Upper

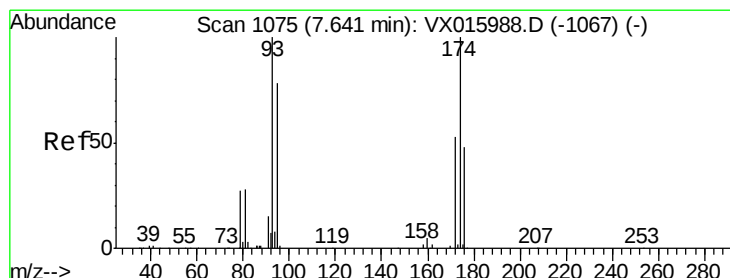
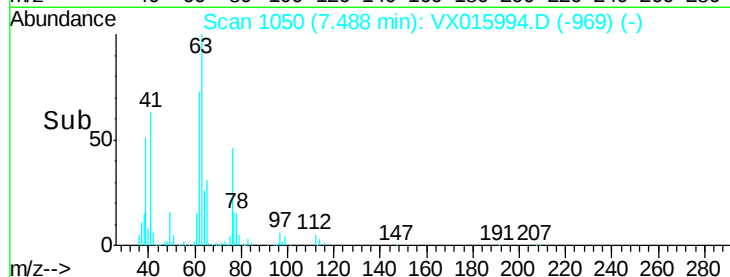
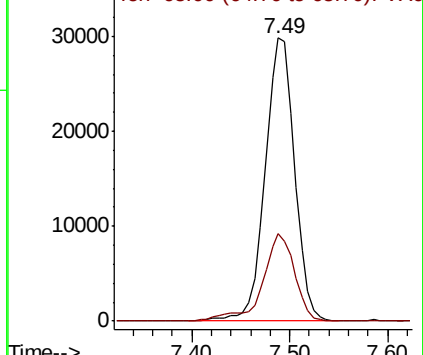
63 100

65 30.9 25.9 38.9



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 18.797 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

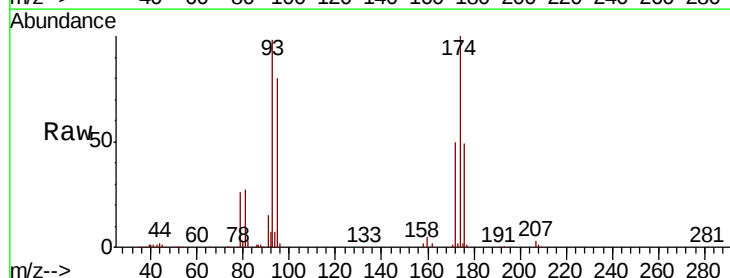
Tgt Ion: 93 Resp: 43572

Ion Ratio Lower Upper

93 100

95 83.9 0.0 162.8

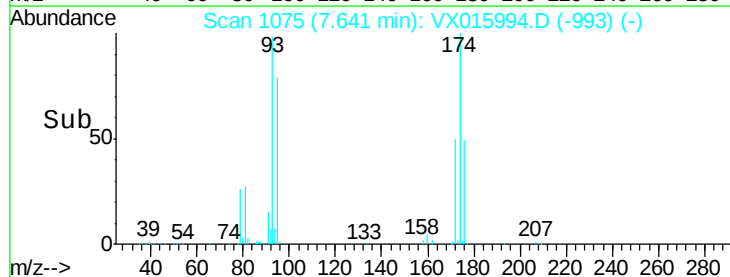
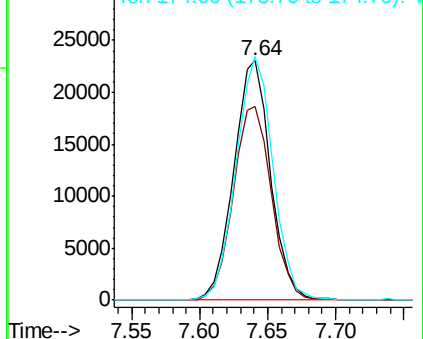
174 102.2 0.0 204.0

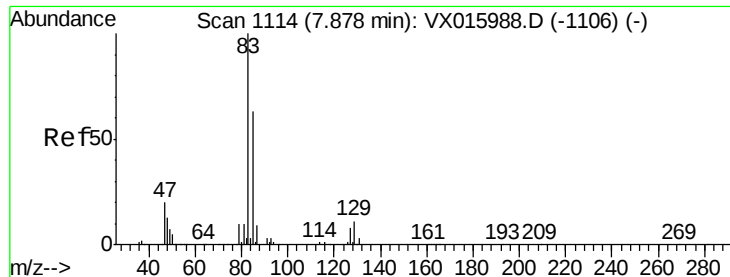


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 18.643 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

Instrument :

MSVOA_X

ClientSampleId :

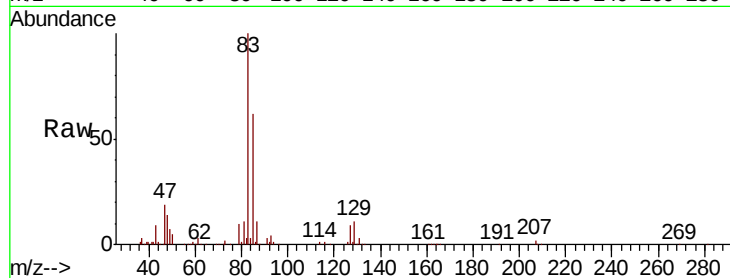
Tot Ion: 83 Resp: 89087

Ion Ratio Lower Upper

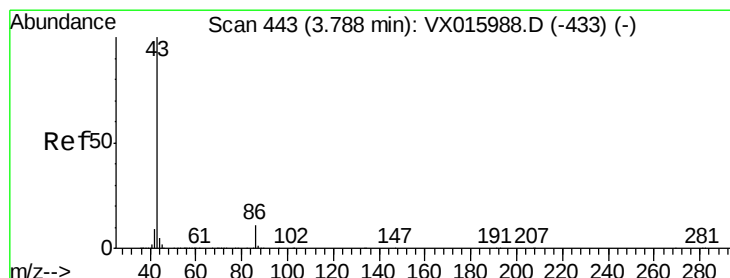
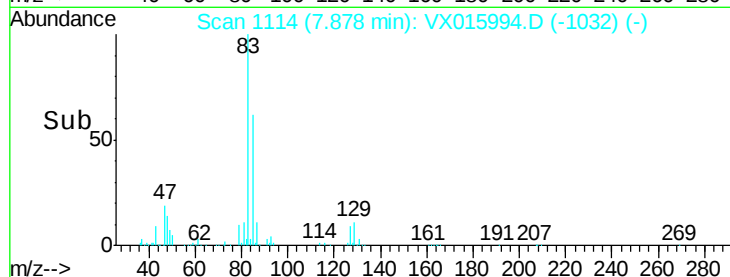
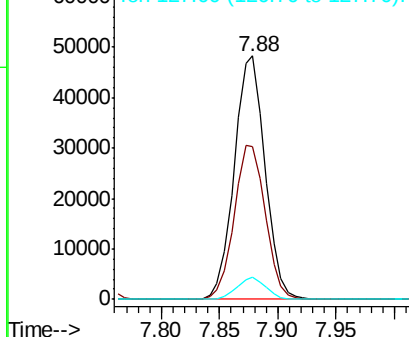
83 100

85 62.5 50.4 75.6

127 9.1 6.7 10.1



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 93.717 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX015994.D

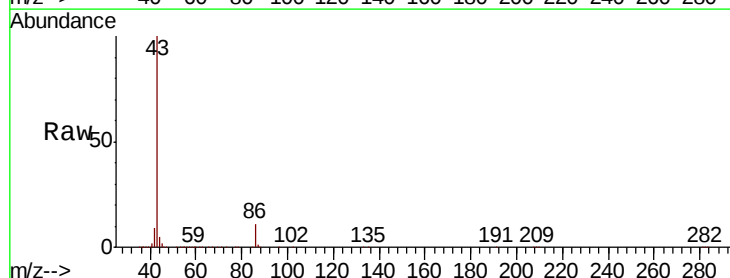
Acq: 30 Apr 2020 14:41

Tgt Ion: 43 Resp: 822539

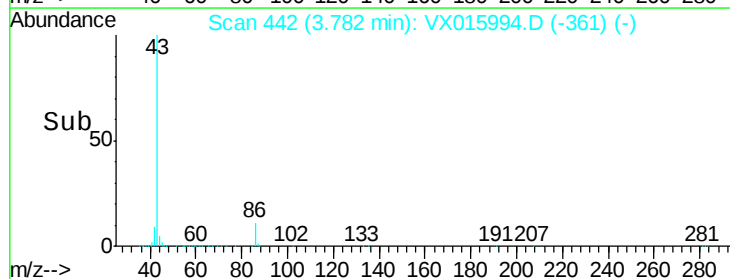
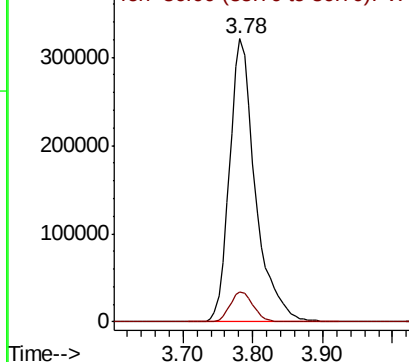
Ion Ratio Lower Upper

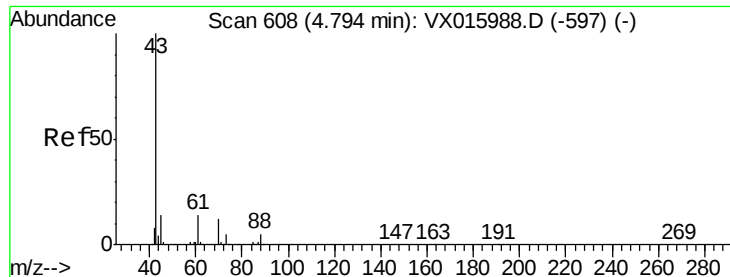
43 100

86 9.6 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

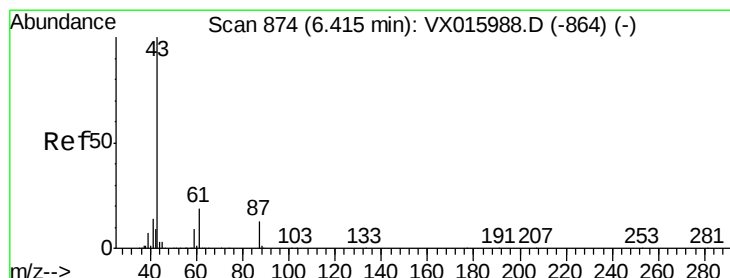
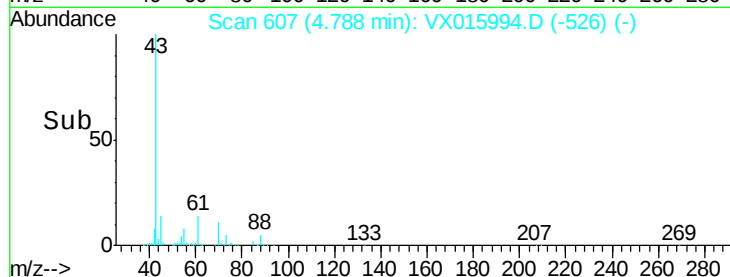
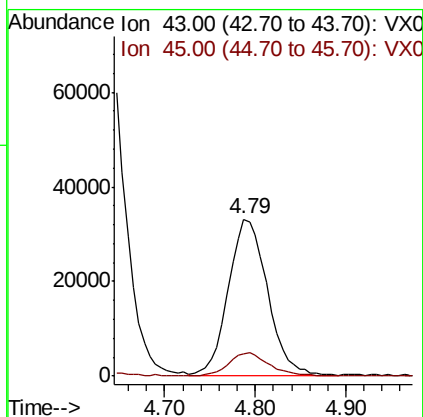
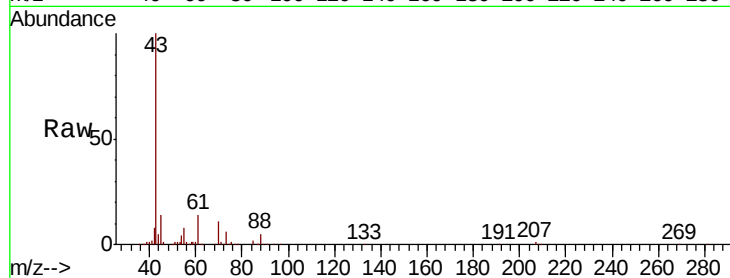




#43
Ethyl Acetate
Concen: 18.945 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX015994.D
Acq: 30 Apr 2020 14:41

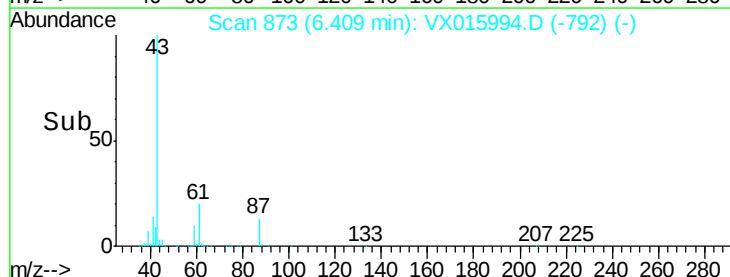
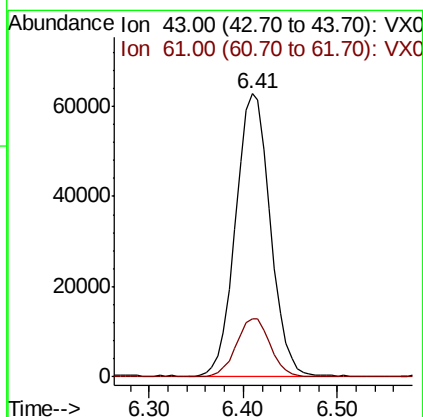
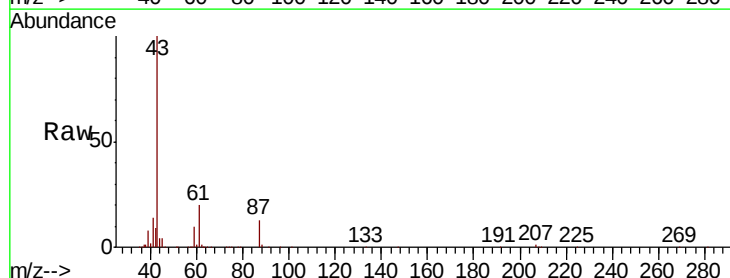
Instrument :
MSVOA_X
ClientSampleId :

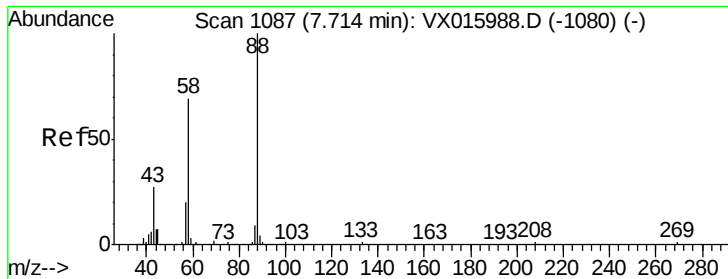
Tot Ion: 43 Resp: 99143
Ion Ratio Lower Upper
43 100
45 14.5 11.9 17.9



#44
Isopropyl Acetate
Concen: 18.979 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX015994.D
Acq: 30 Apr 2020 14:41

Tgt Ion: 43 Resp: 161169
Ion Ratio Lower Upper
43 100
61 20.3 16.1 24.1





#45

1,4-Dioxane

Concen: 377.996 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

Instrument :

MSVOA_X

ClientSampleId :

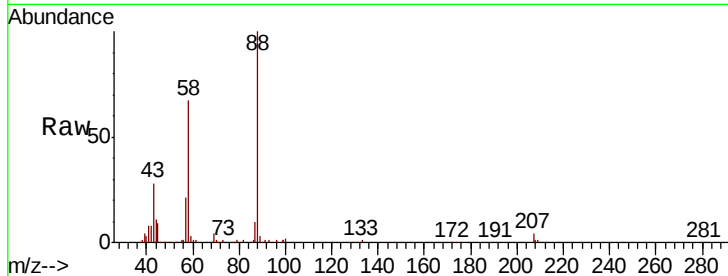
Tot Ion: 88 Resp: 33907

Ion Ratio Lower Upper

88 100

43 33.3 26.3 39.5

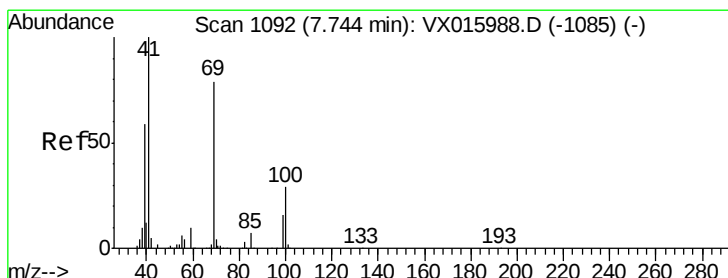
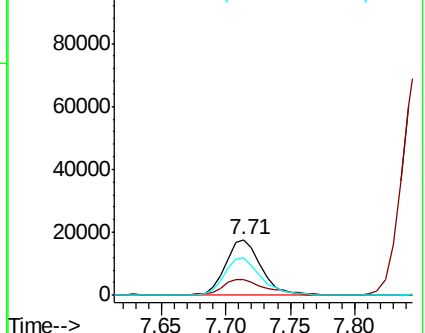
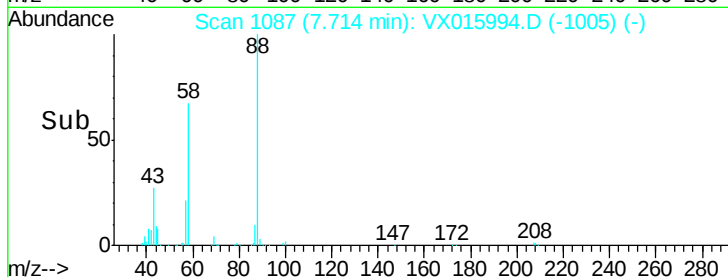
58 69.5 57.0 85.6



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



#46

Methyl methacrylate

Concen: 18.468 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

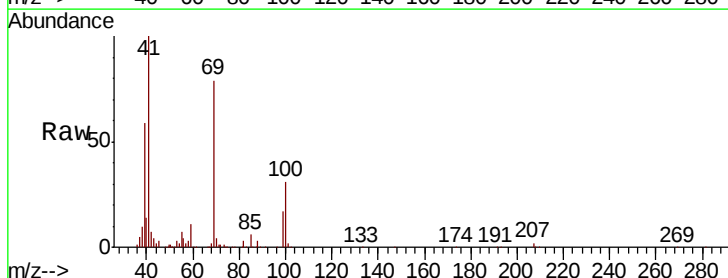
Tgt Ion: 41 Resp: 74351

Ion Ratio Lower Upper

41 100

69 79.2 39.5 118.5

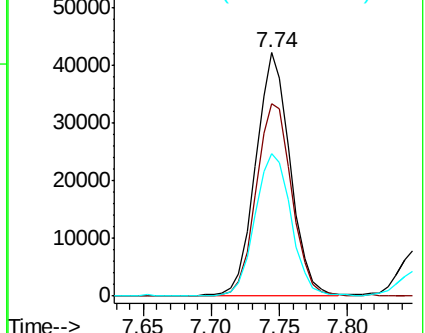
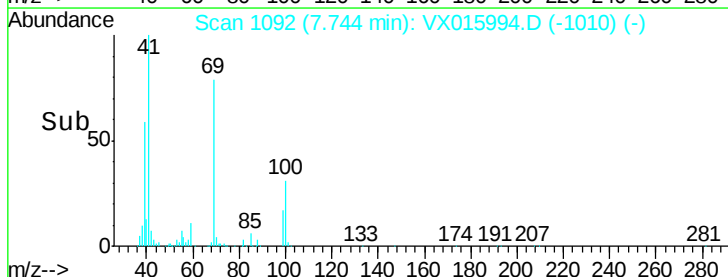
39 58.5 29.6 88.9

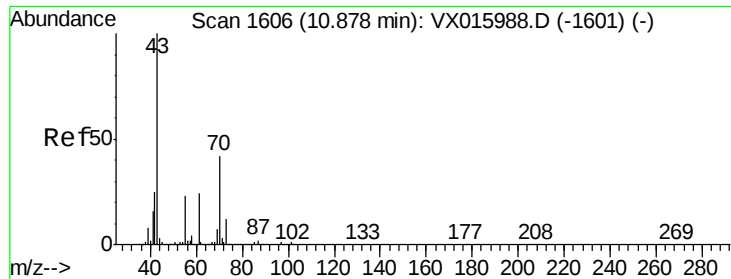


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 18.299 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

Instrument :

MSVOA_X

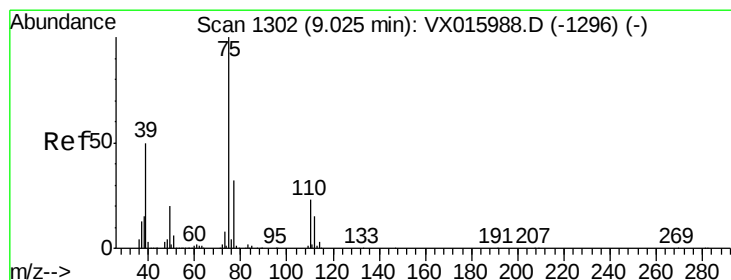
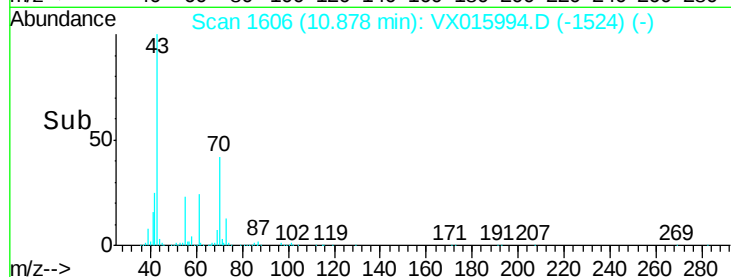
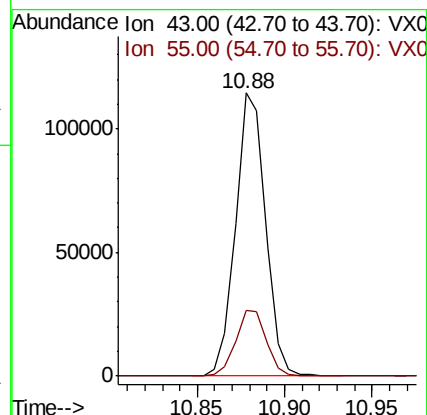
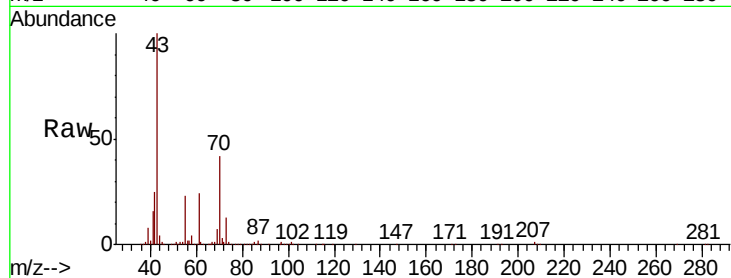
ClientSampled :

Tot Ion: 43 Resp: 135881

Ion Ratio Lower Upper

43 100

55 23.8 19.0 28.4



#48

t-1,3-Dichloropropene

Concen: 18.472 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX015994.D

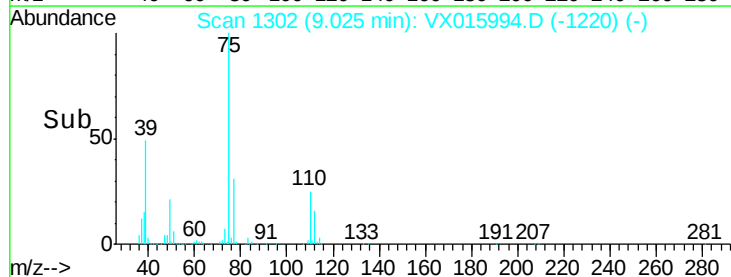
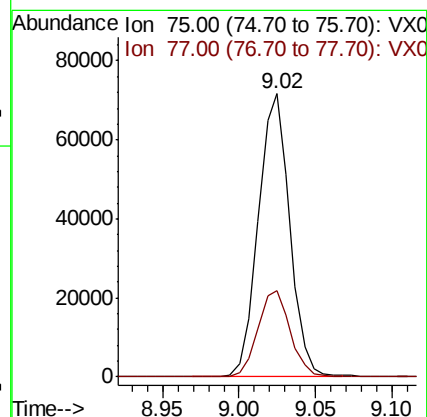
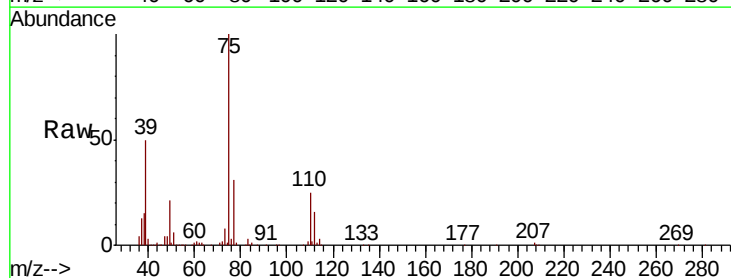
Acq: 30 Apr 2020 14:41

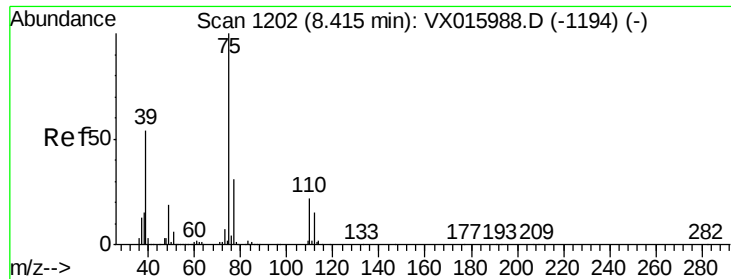
Tgt Ion: 75 Resp: 102502

Ion Ratio Lower Upper

75 100

77 30.6 25.8 38.8



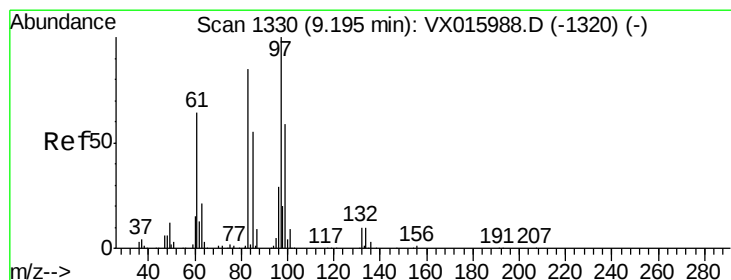
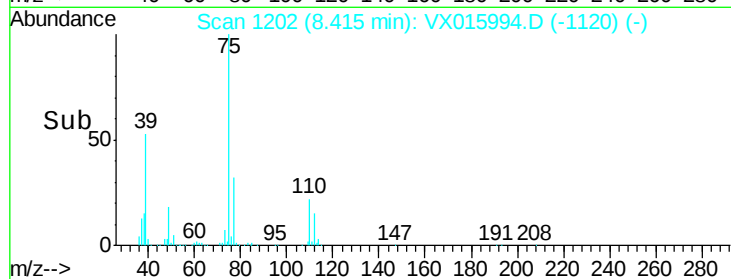
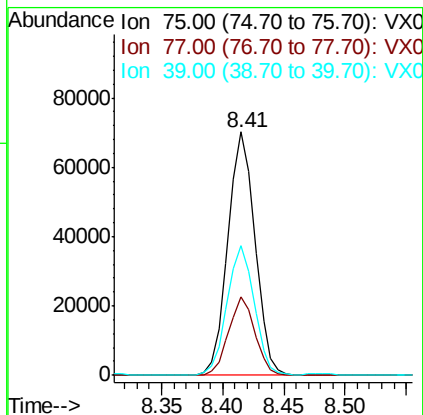
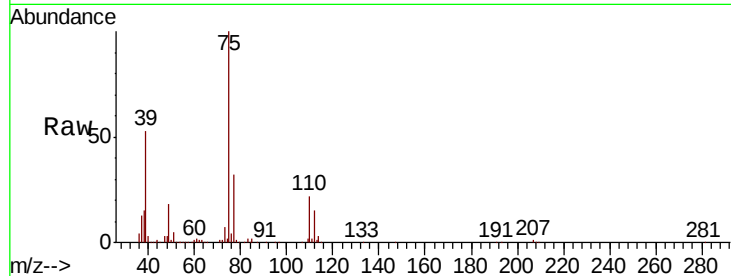


#49

cis-1,3-Dichloropropene
 Concen: 18.836 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX015994.D
 Acq: 30 Apr 2020 14:41

Instrument :
 MSVOA_X
 ClientSampleId :

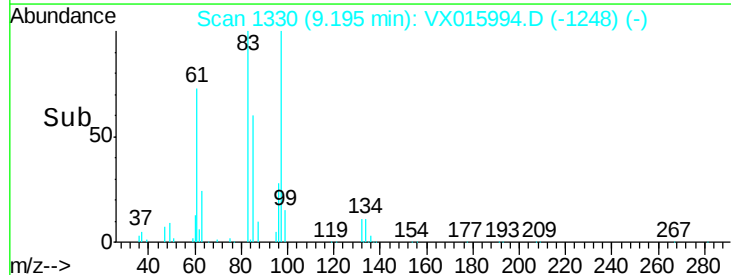
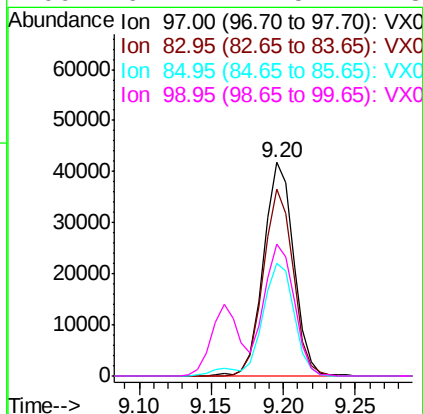
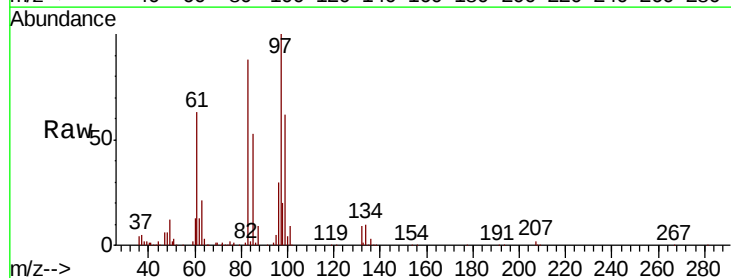
Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.0	37.6
39	52.9	43.2	64.8

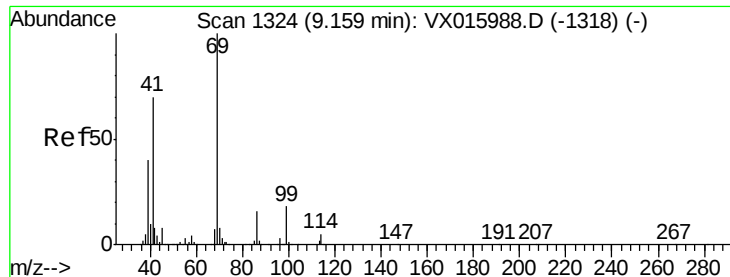


#50

1,1,2-Trichloroethane
 Concen: 18.615 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX015994.D
 Acq: 30 Apr 2020 14:41

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.6	67.7	101.5
85	52.8	43.7	65.5
99	61.7	47.5	71.3





#51

Ethyl methacrylate

Concen: 18.181 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

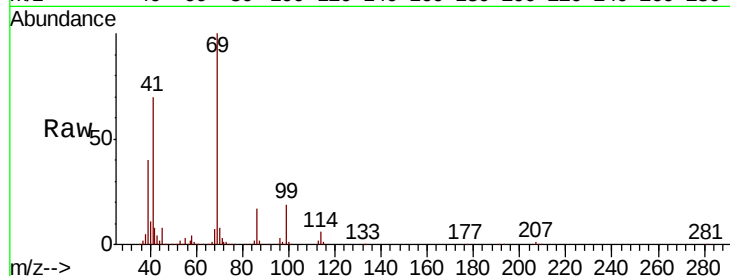
Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 69 Resp: 98068

Ion	Ratio	Lower	Upper
69	100		
41	69.6	34.8	104.4
39	39.4	19.8	59.4

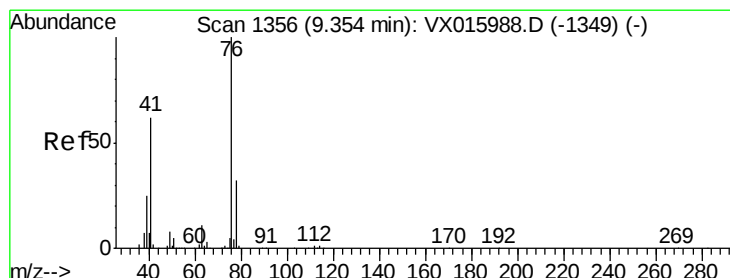
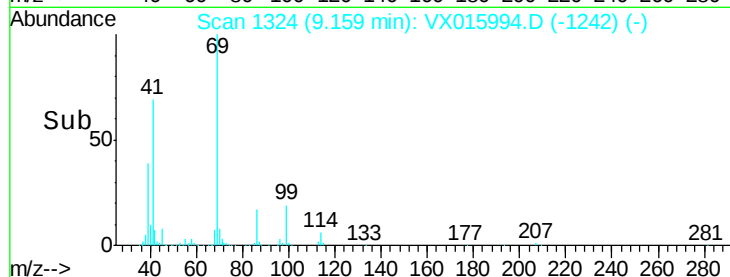
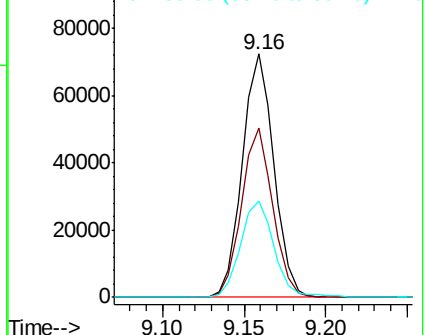


Abundance

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



#52

1,3-Dichloropropane

Concen: 18.974 ug/l

RT: 9.35 min Scan# 1356

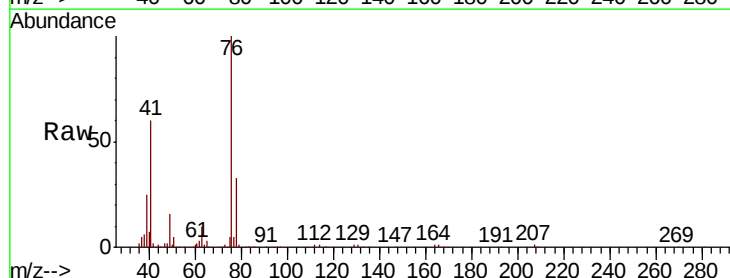
Delta R.T. -0.00 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

Tgt Ion: 76 Resp: 107141

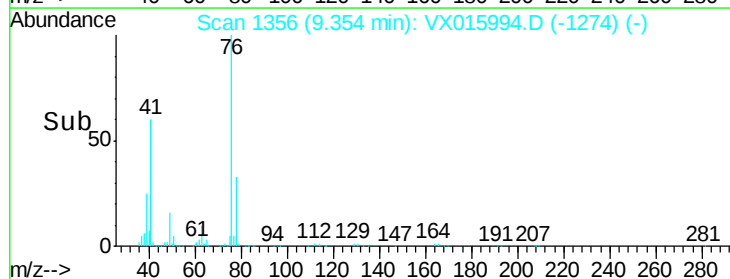
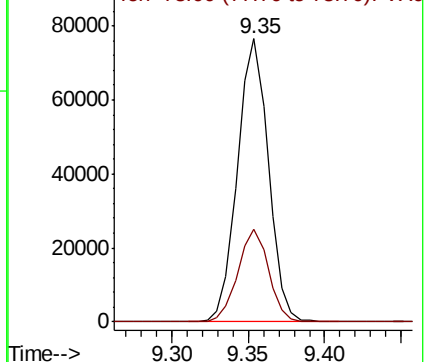
Ion	Ratio	Lower	Upper
76	100		
78	32.6	0.0	64.2

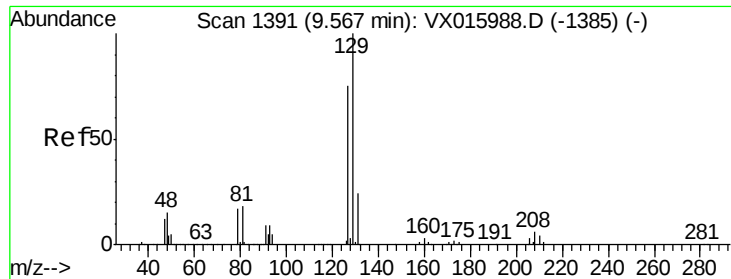


Abundance

Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

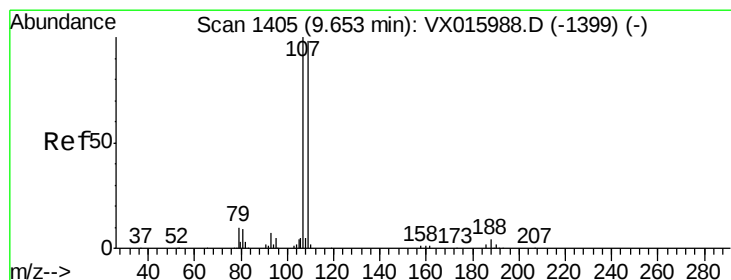
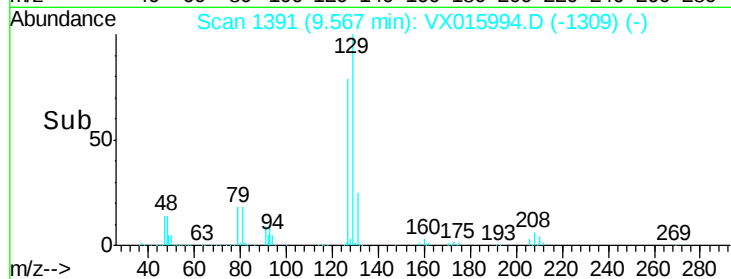
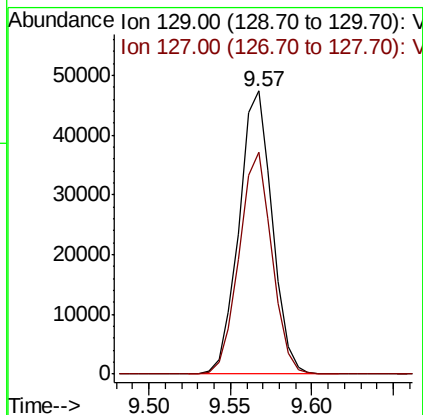
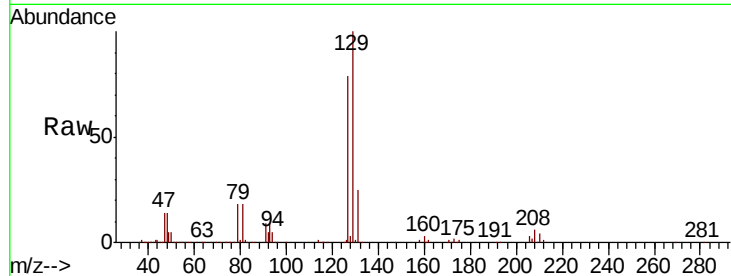




#53
 Dibromochloromethane
 Concen: 18.087 ug/l
 RT: 9.57 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX015994.D
 Acq: 30 Apr 2020 14:41

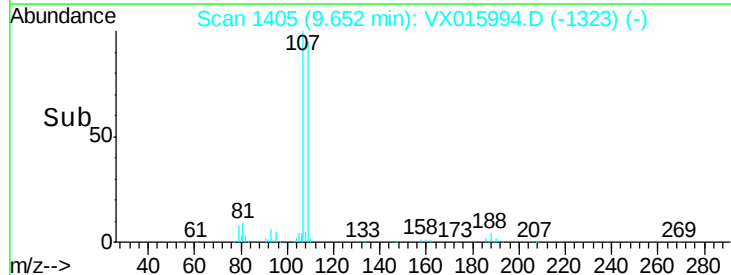
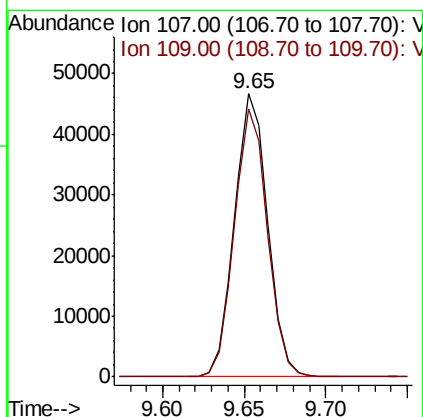
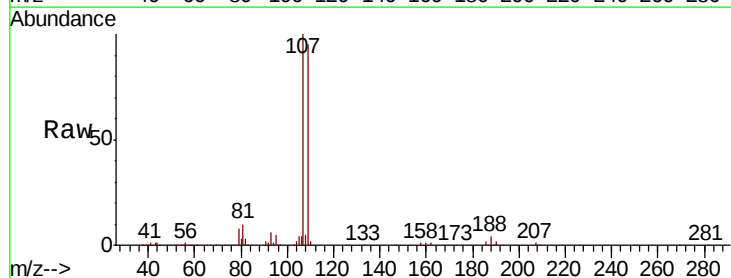
Instrument :
 MSVOA_X
 ClientSampled :

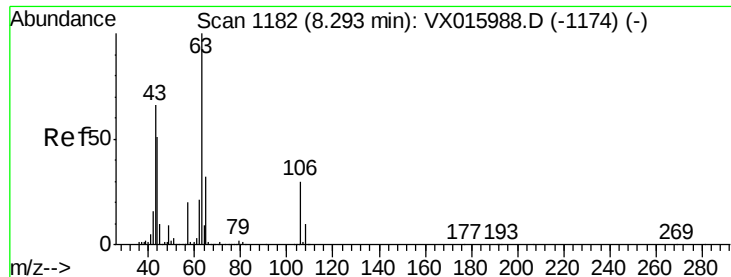
Tot Ion:129 Resp: 67216
 Ion Ratio Lower Upper
 129 100
 127 77.5 38.3 114.9



#54
 1,2-Dibromoethane
 Concen: 18.407 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX015994.D
 Acq: 30 Apr 2020 14:41

Tgt Ion:107 Resp: 66080
 Ion Ratio Lower Upper
 107 100
 109 94.6 74.7 112.1





#55

2-Chloroethyl vinyl ether

Concen: 83.416 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

Instrument :

MSVOA_X

ClientSampleId :

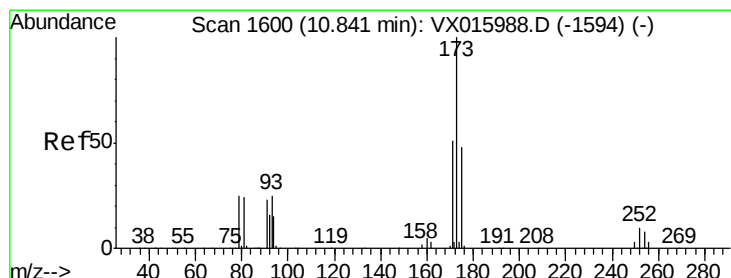
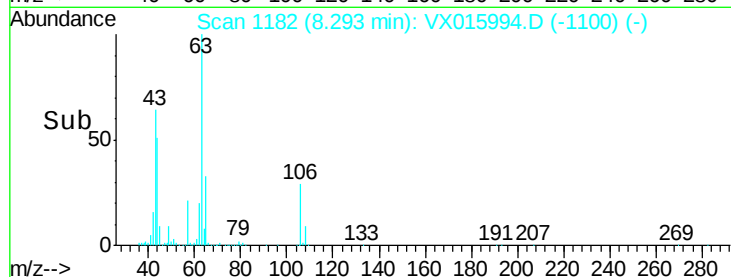
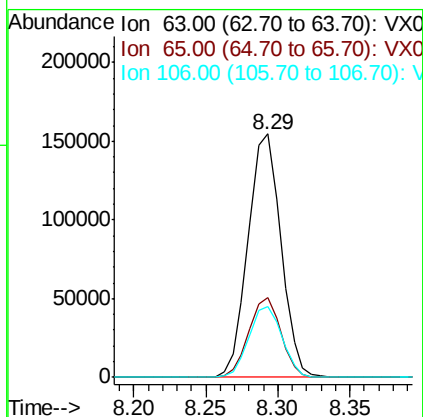
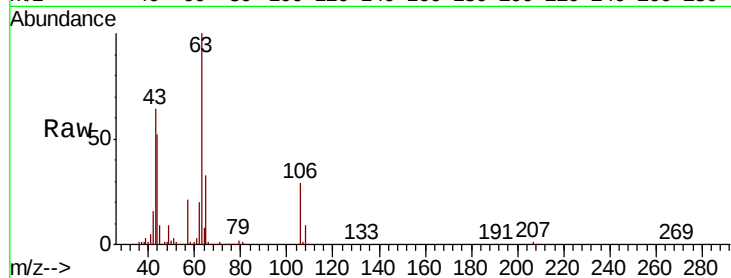
Tot Ion: 63 Resp: 244781

Ion Ratio Lower Upper

63 100

65 32.3 25.6 38.4

106 29.6 23.4 35.0



#56

Bromoform

Concen: 17.363 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

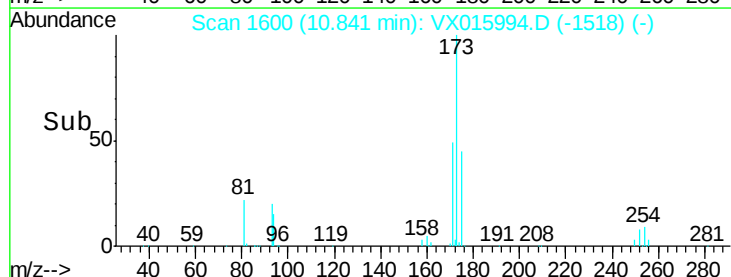
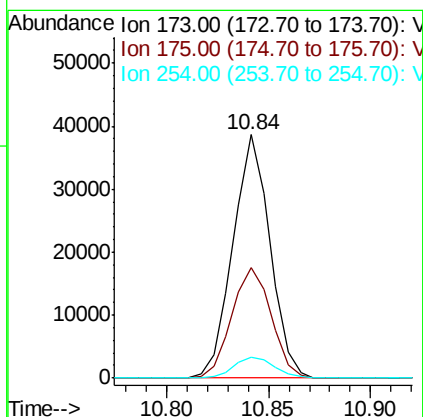
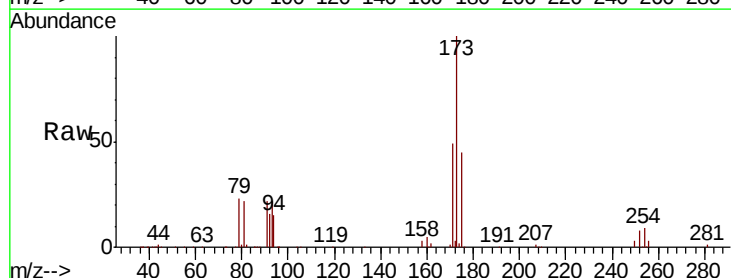
Tgt Ion: 173 Resp: 48617

Ion Ratio Lower Upper

173 100

175 48.4 38.0 57.0

254 9.3 6.8 10.2

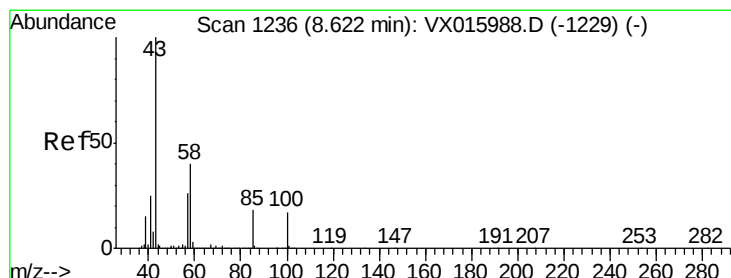
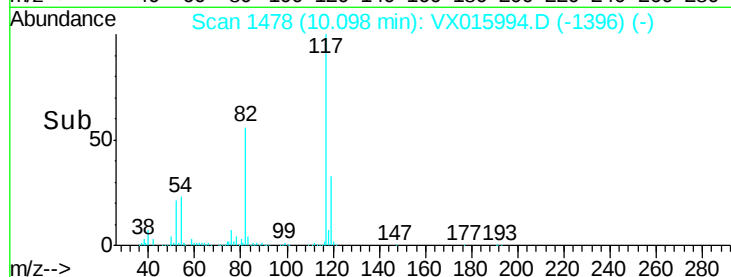
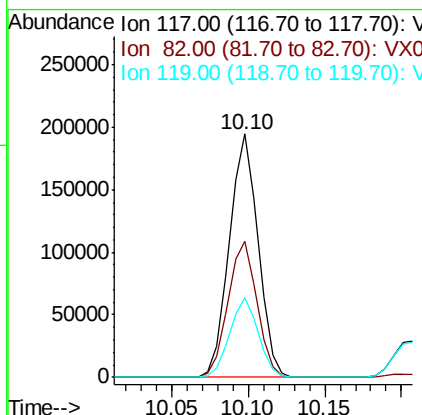
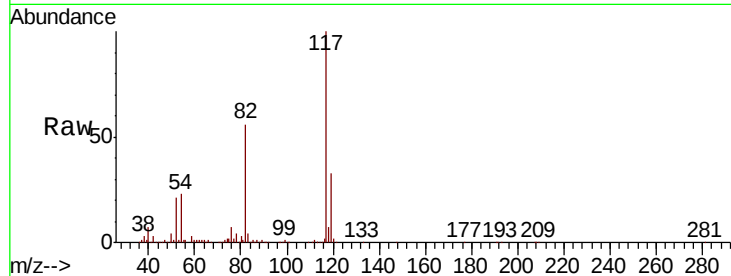




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX015994.D
Acq: 30 Apr 2020 14:41

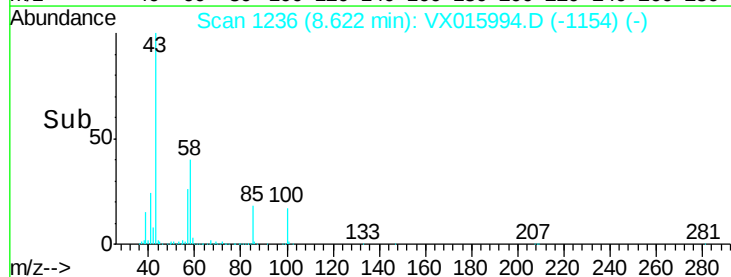
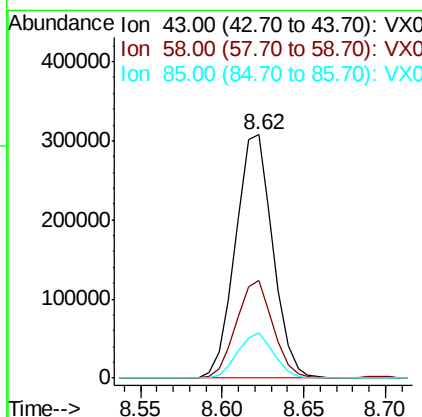
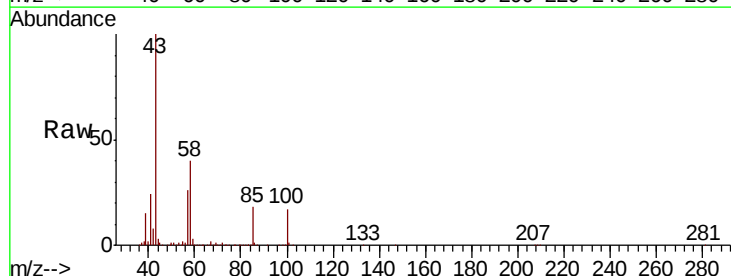
Instrument :
MSVOA_X
ClientSampleId :

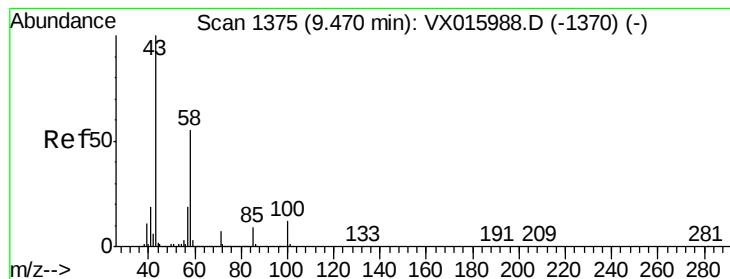
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.1	67.7
119	32.6	25.6	38.4



#58
4-Methyl-2-Pentanone
Concen: 97.777 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX015994.D
Acq: 30 Apr 2020 14:41

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.5	31.8	47.6
85	18.1	14.5	21.7





#59

2-Hexanone

Concen: 96.508 ug/l

RT: 9.47 min Scan# 1375

Delta R.T. -0.00 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

Instrument :

MSVOA_X

ClientSampleId :

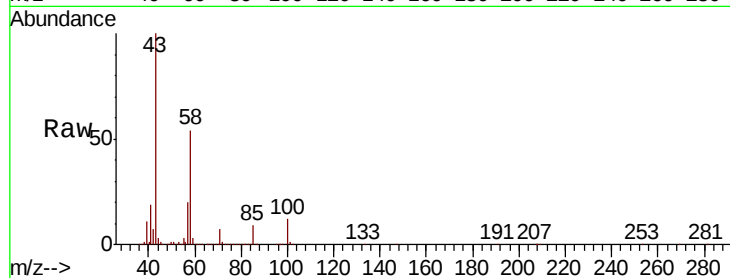
Tot Ion: 43 Resp: 372495

Ion Ratio Lower Upper

43 100

58 54.8 44.0 66.0

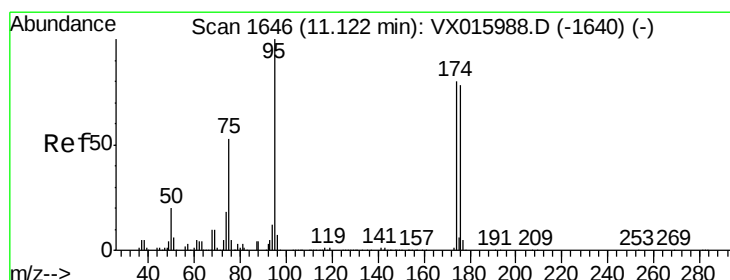
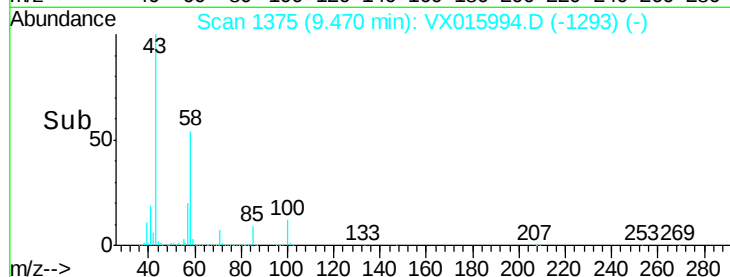
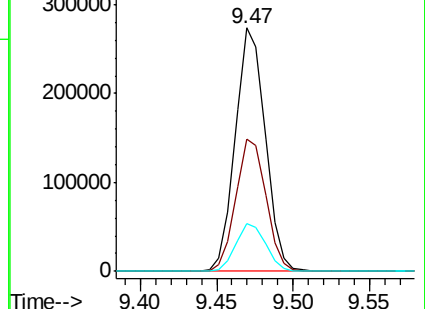
57 19.7 15.5 23.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#60

4-Bromofluorobenzene

Concen: 29.829 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

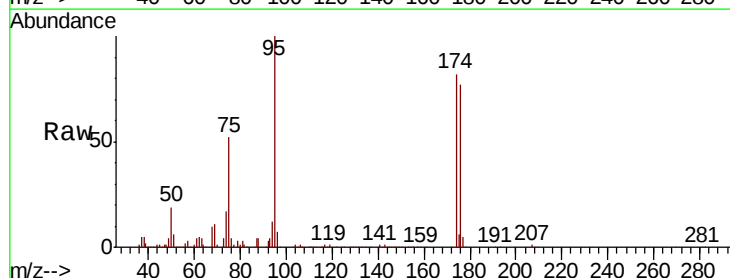
Tgt Ion: 95 Resp: 126750

Ion Ratio Lower Upper

95 100

174 81.6 64.8 97.2

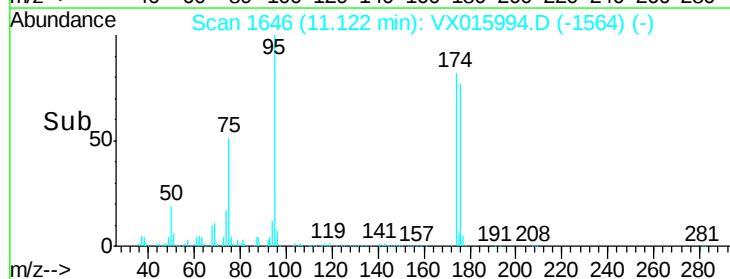
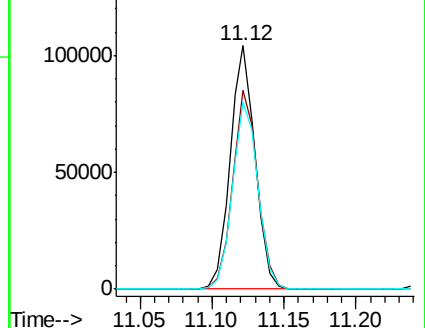
176 78.9 62.4 93.6

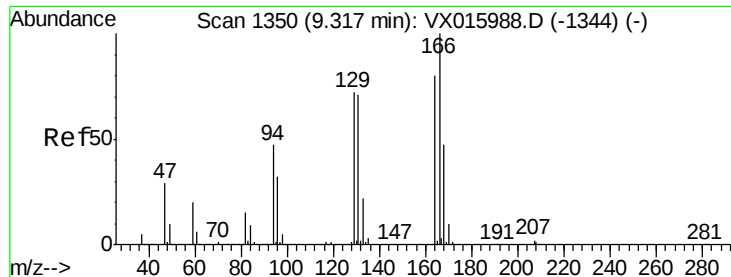


Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





#61

Tetrachloroethene

Concen: 20.283 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 101665

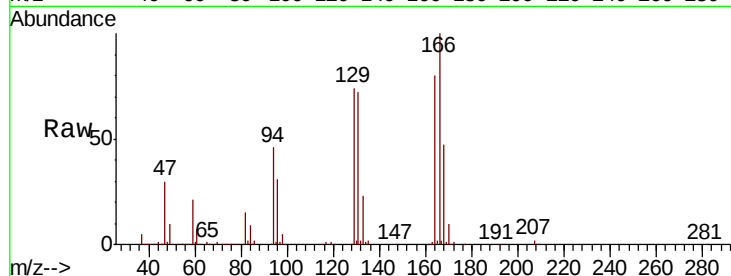
Ion Ratio Lower Upper

164 100

166 124.9 100.1 150.1

129 92.0 72.2 108.4

131 89.6 71.3 106.9

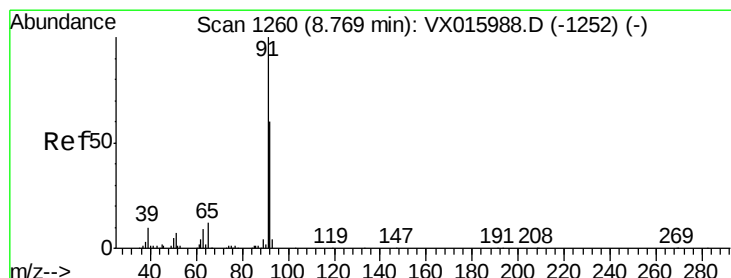
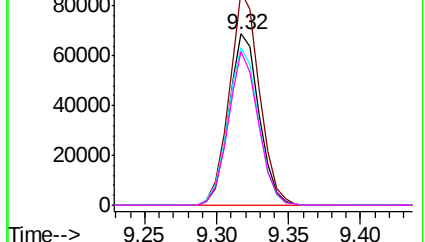
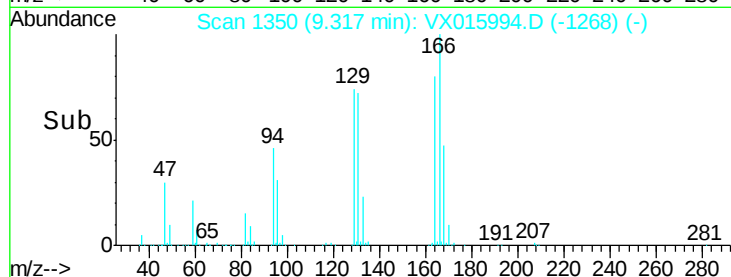


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.398 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX015994.D

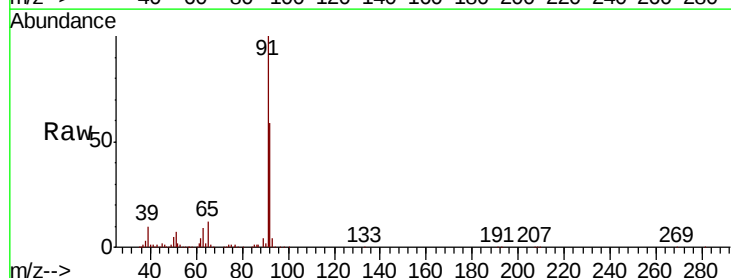
Acq: 30 Apr 2020 14:41

Tgt Ion: 91 Resp: 262596

Ion Ratio Lower Upper

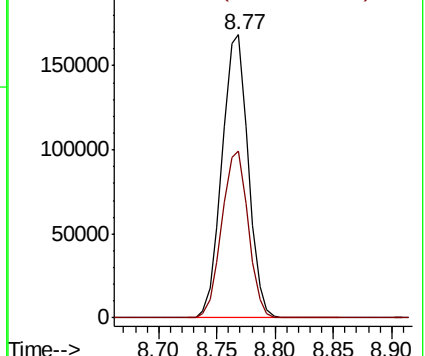
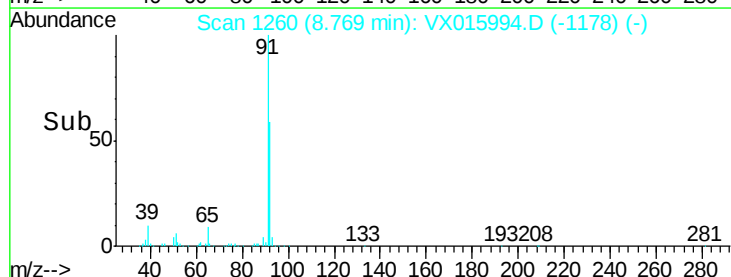
91 100

92 59.5 47.2 70.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.750 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

Instrument :

MSVOA_X

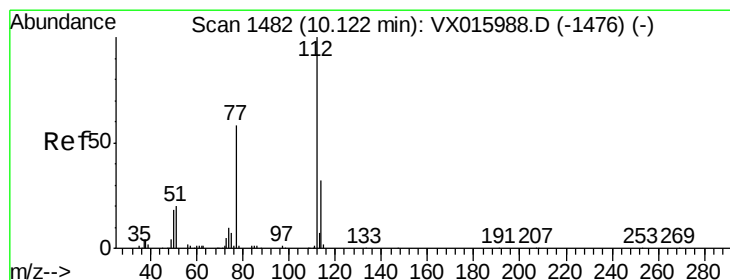
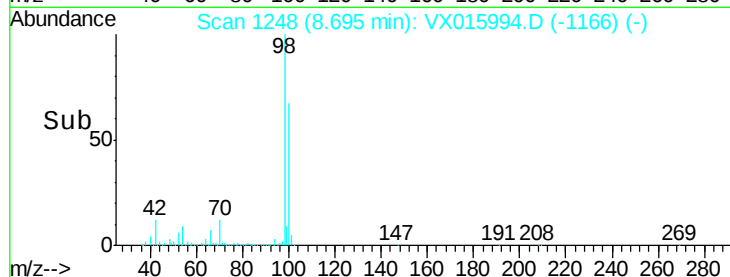
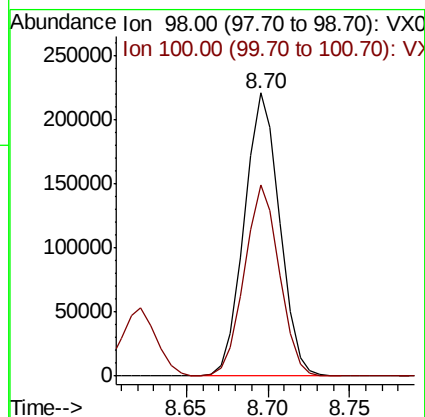
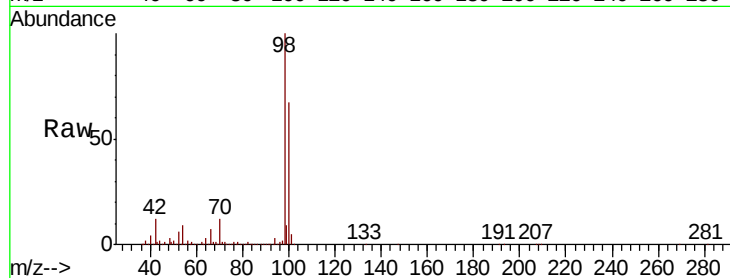
ClientSampleId :

Tot Ion: 98 Resp: 334253

Ion Ratio Lower Upper

98 100

100 66.6 52.5 78.7



#64

Chlorobenzene

Concen: 19.096 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX015994.D

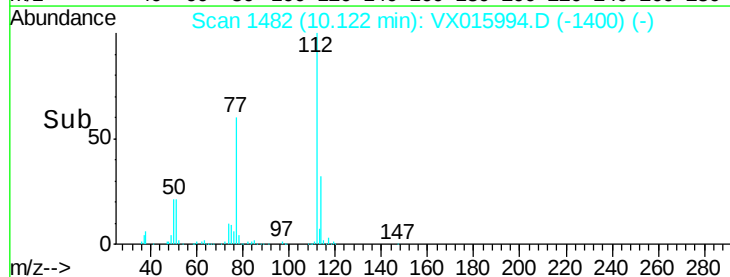
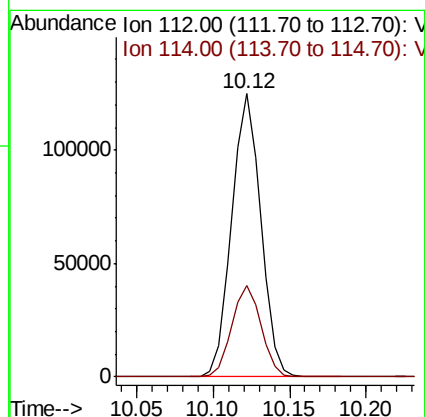
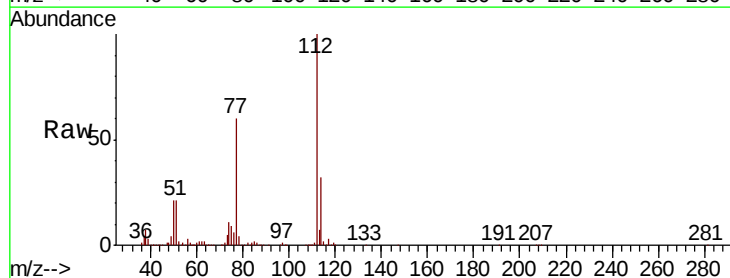
Acq: 30 Apr 2020 14:41

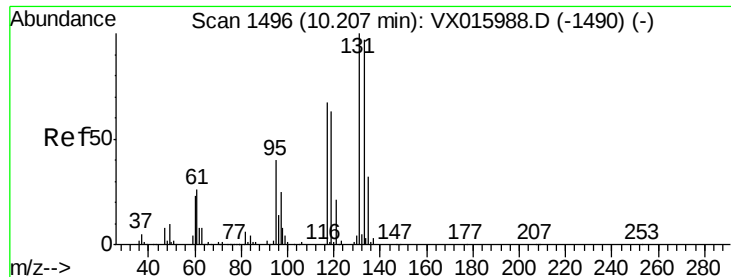
Tgt Ion: 112 Resp: 164596

Ion Ratio Lower Upper

112 100

114 32.3 25.8 38.6





#65

1,1,1,2-Tetrachloroethane

Concen: 19.230 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

Instrument :

MSVOA_X

ClientSampleId :

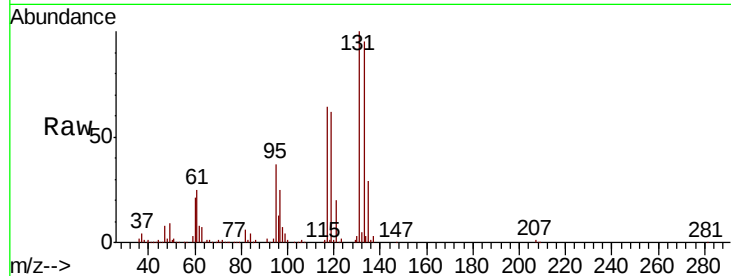
Tot Ion:131 Resp: 62924

Ion Ratio Lower Upper

131 100

133 95.6 0.0 187.0

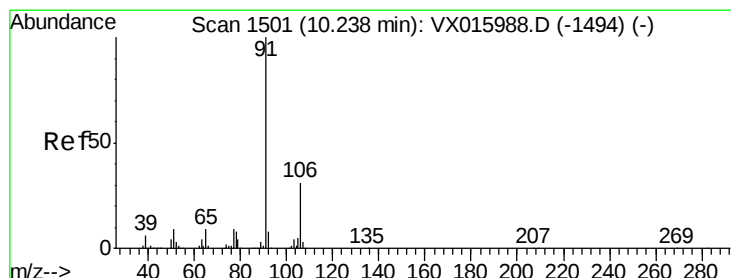
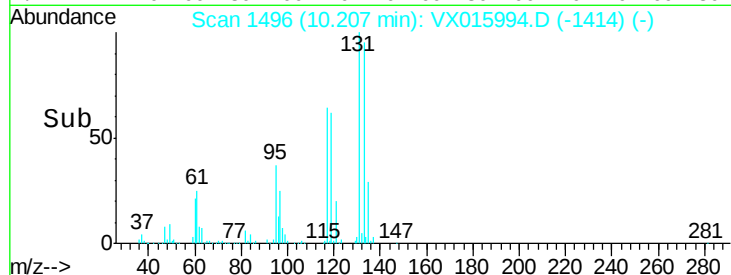
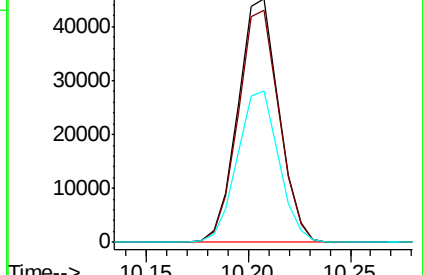
119 63.1 0.0 129.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.125 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX015994.D

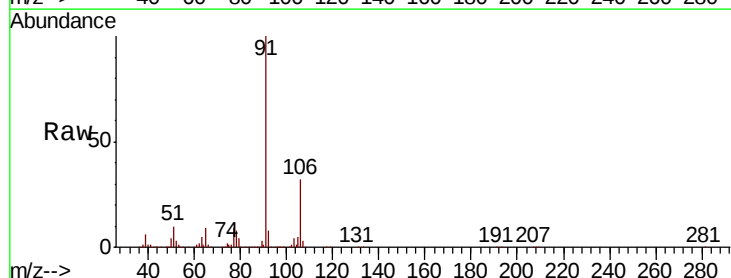
Acq: 30 Apr 2020 14:41

Tgt Ion: 91 Resp: 294804

Ion Ratio Lower Upper

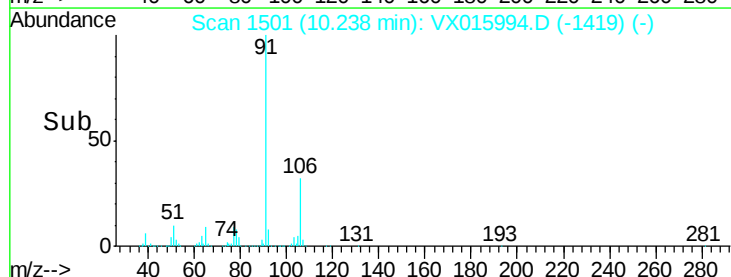
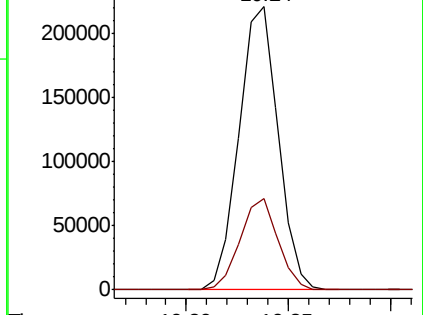
91 100

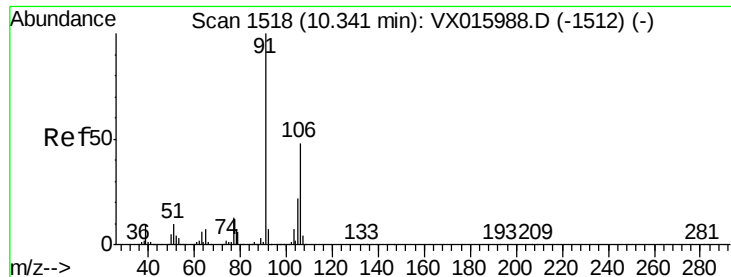
106 32.4 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

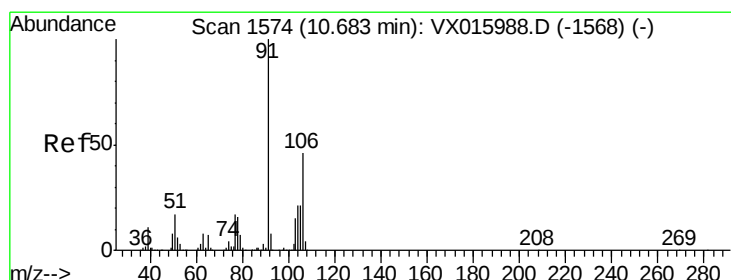
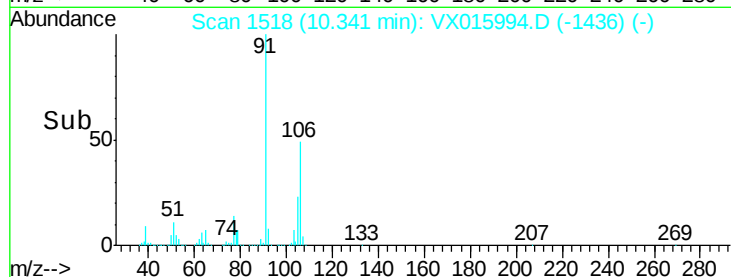
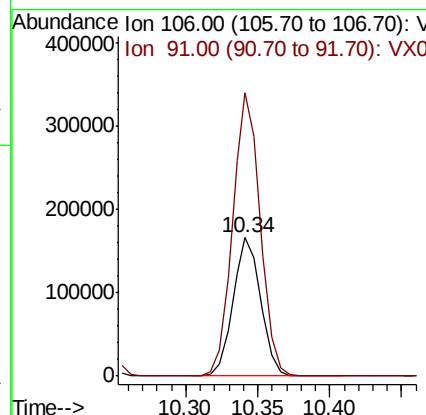
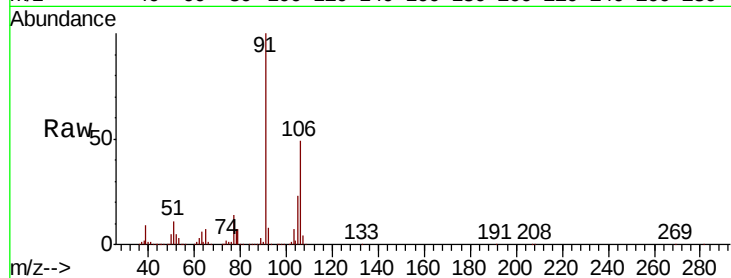




#67
m/p-Xylenes
Concen: 37.999 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX015994.D
Acq: 30 Apr 2020 14:41

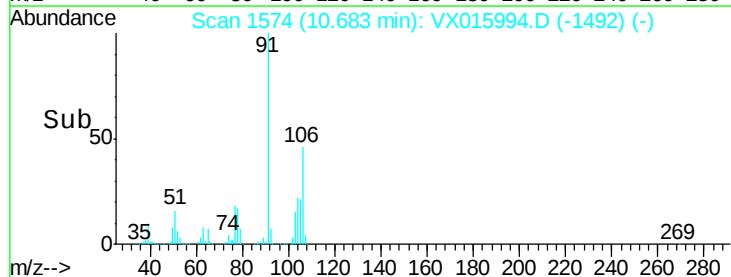
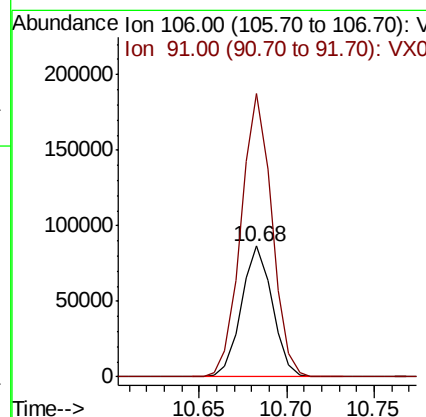
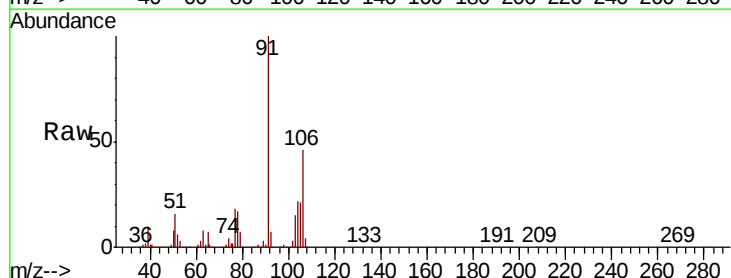
Instrument :
MSVOA_X
ClientSampleId :

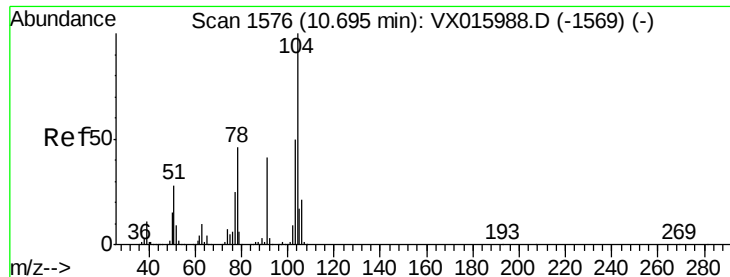
Tot Ion:106 Resp: 223140
Ion Ratio Lower Upper
106 100
91 203.8 164.2 246.4



#68
o-Xylene
Concen: 18.939 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX015994.D
Acq: 30 Apr 2020 14:41

Tgt Ion:106 Resp: 107249
Ion Ratio Lower Upper
106 100
91 213.9 108.3 325.0

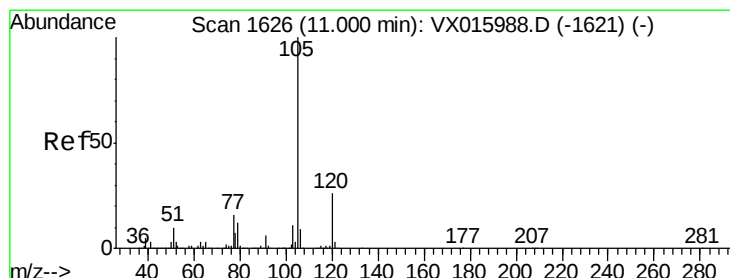
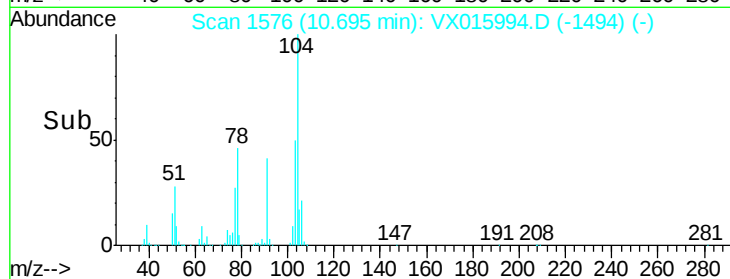
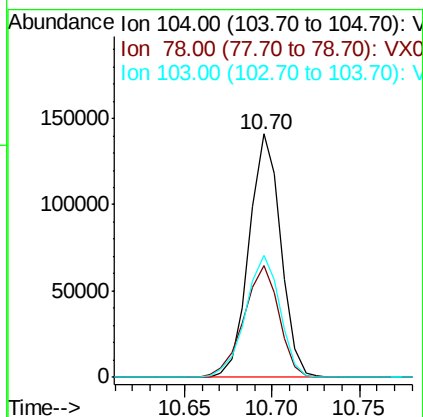
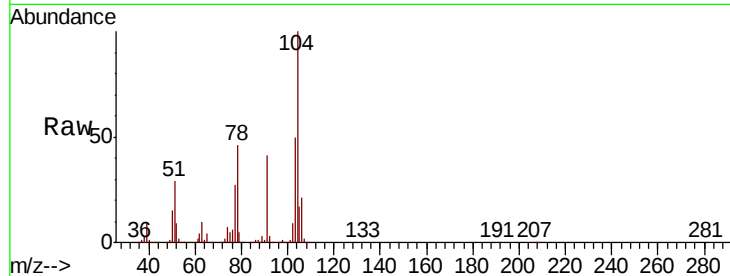




#69
Stvrene
Concen: 18.491 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX015994.D
Acq: 30 Apr 2020 14:41

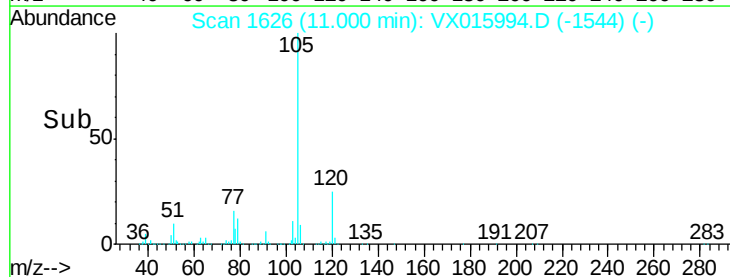
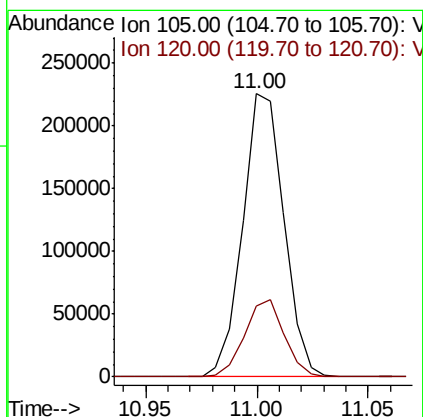
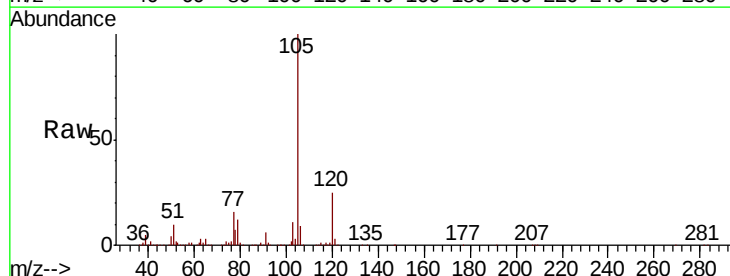
Instrument :
MSVOA_X
ClientSampleId :

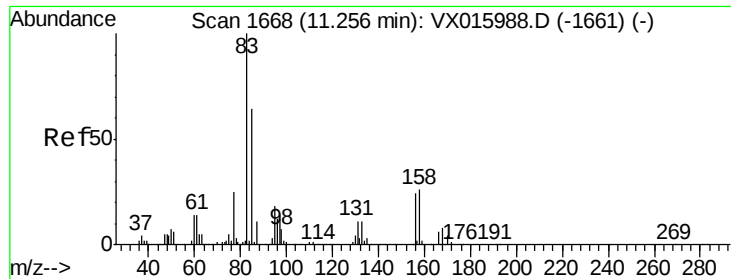
Tot Ion:104 Resp: 179214
Ion Ratio Lower Upper
104 100
78 51.2 40.7 61.1
103 54.6 43.0 64.4



#70
Isopropylbenzene
Concen: 19.083 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX015994.D
Acq: 30 Apr 2020 14:41

Tgt Ion:105 Resp: 291752
Ion Ratio Lower Upper
105 100
120 26.4 18.6 34.5





#71

1,1,2,2-Tetrachloroethane

Concen: 17.073 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

Instrument :

MSVOA_X

ClientSampleId :

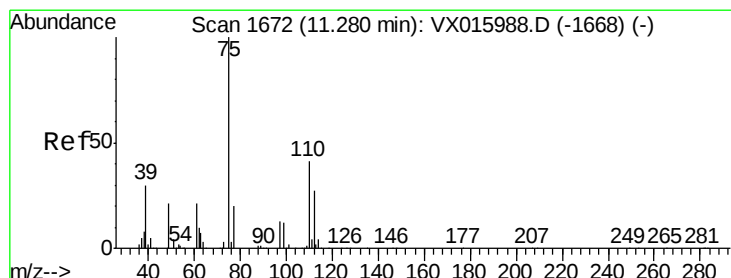
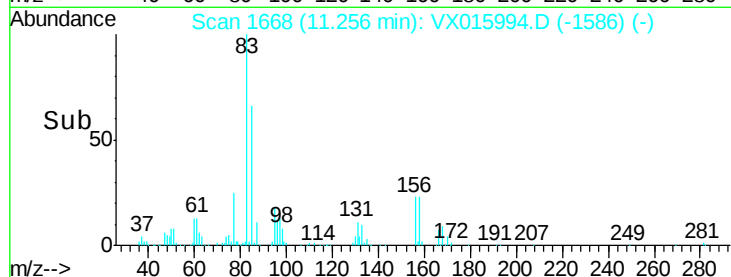
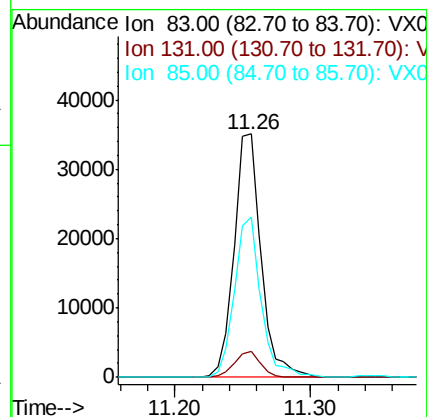
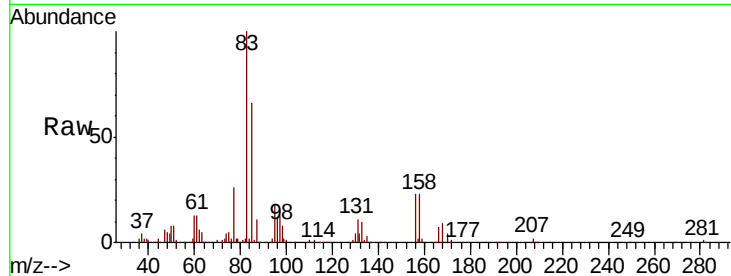
Tot Ion: 83 Resp: 48525

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

85 65.0 33.0 98.9



#72

1,2,3-Trichloropropane

Concen: 25.747 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX015994.D

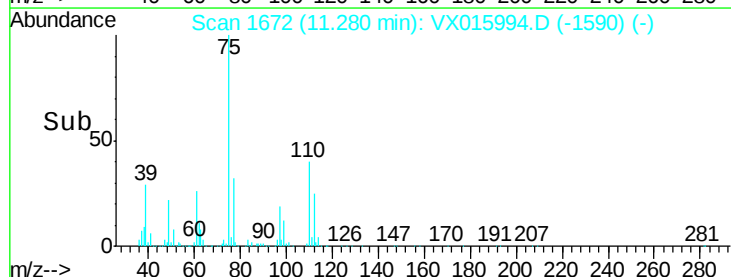
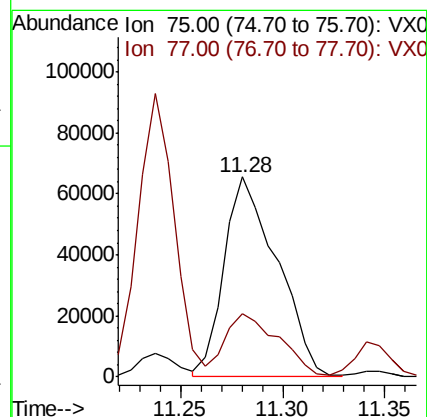
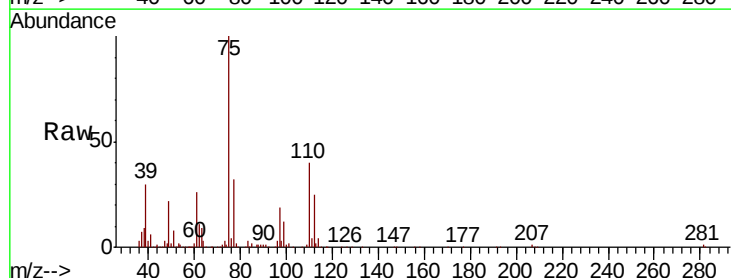
Acq: 30 Apr 2020 14:41

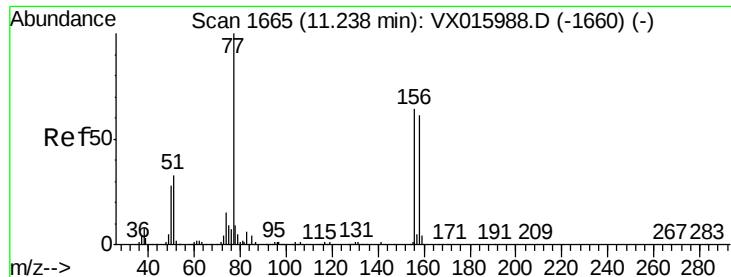
Tgt Ion: 75 Resp: 118520

Ion Ratio Lower Upper

75 100

77 31.8 0.0 86.0





#73

Bromobenzene

Concen: 18.453 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

Instrument :

MSVOA_X

ClientSampleId :

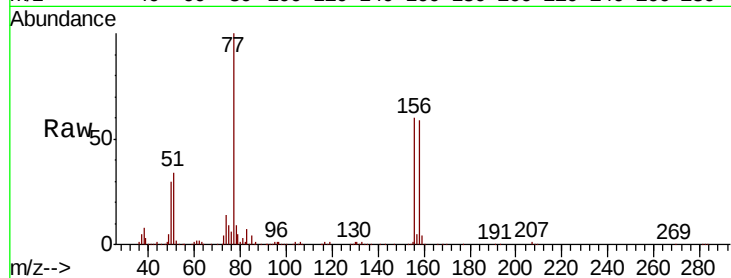
Tot Ion:156 Resp: 71095

Ion Ratio Lower Upper

156 100

77 161.1 0.0 318.0

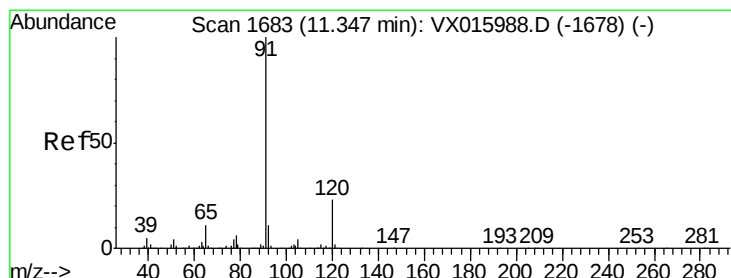
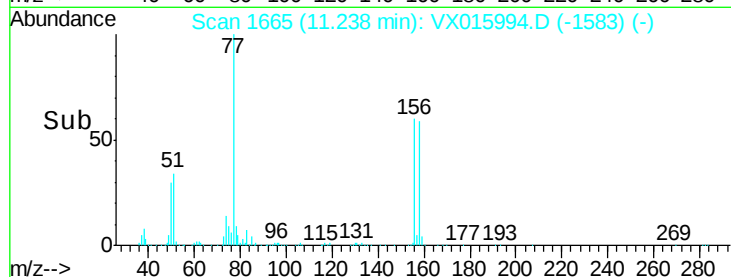
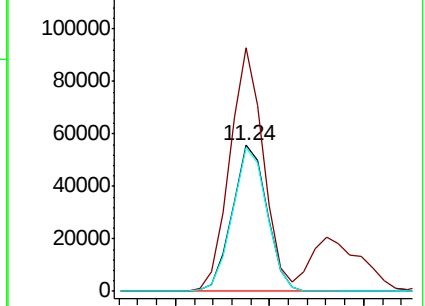
158 98.1 0.0 193.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.961 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX015994.D

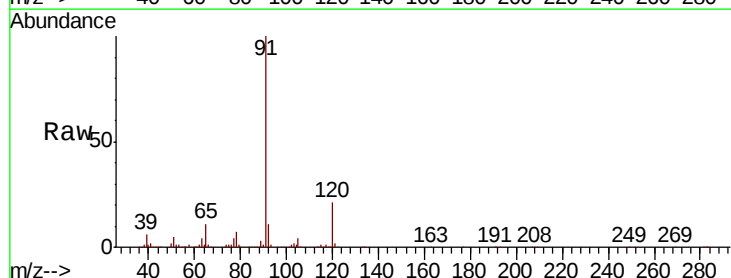
Acq: 30 Apr 2020 14:41

Tgt Ion: 91 Resp: 336720

Ion Ratio Lower Upper

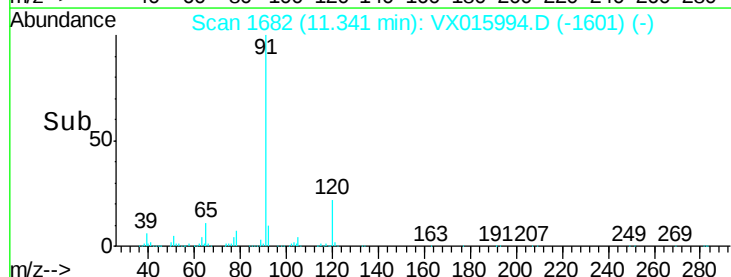
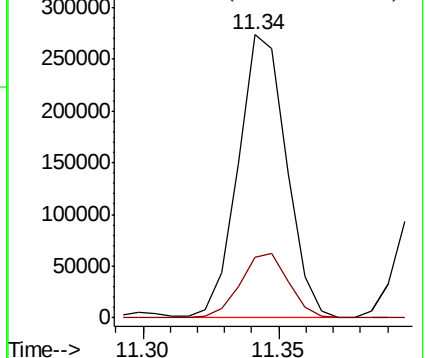
91 100

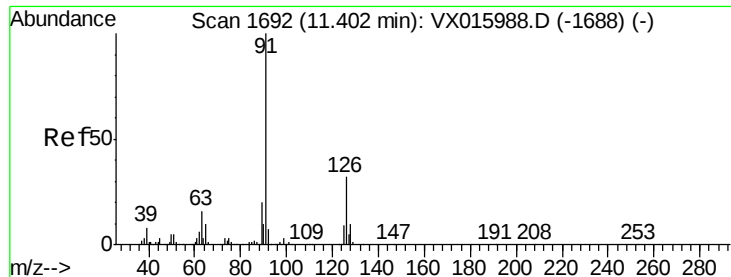
120 22.8 0.0 45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.021 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

Instrument :

MSVOA_X

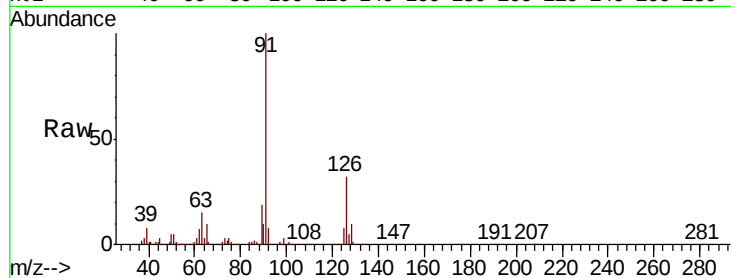
ClientSampleId :

Tot Ion: 91 Resp: 198489

Ion Ratio Lower Upper

91 100

126 33.3 0.0 66.2

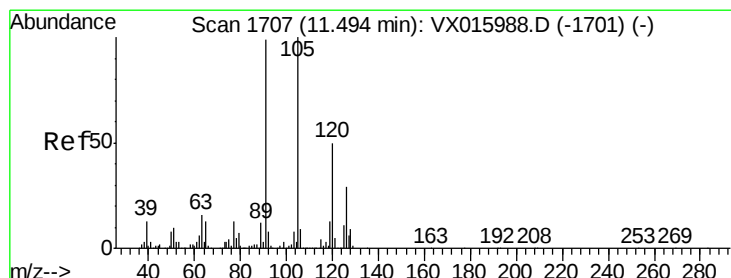
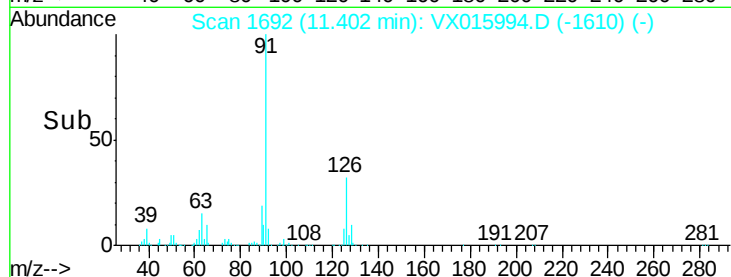


Abundance Ion 91.00 (90.70 to 91.70): VX015988.D (-1688) (-)

Ion 126.00 (125.70 to 126.70): VX015988.D (-1688) (-)

Time-->

Mass spectrum showing abundance (0 to 300,000) versus time (11.35 to 11.45 min). Key peaks are labeled: 11.40.



#76

1,3,5-Trimethylbenzene

Concen: 18.894 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX015994.D

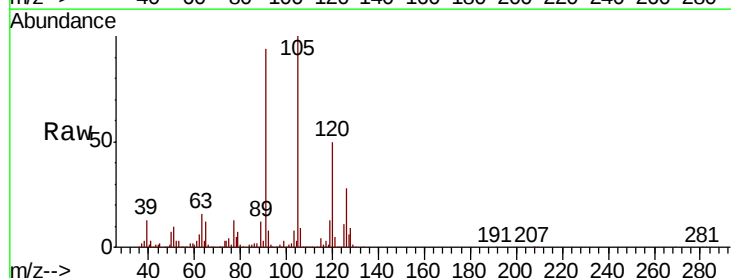
Acq: 30 Apr 2020 14:41

Tgt Ion: 105 Resp: 245198

Ion Ratio Lower Upper

105 100

120 49.3 0.0 99.4

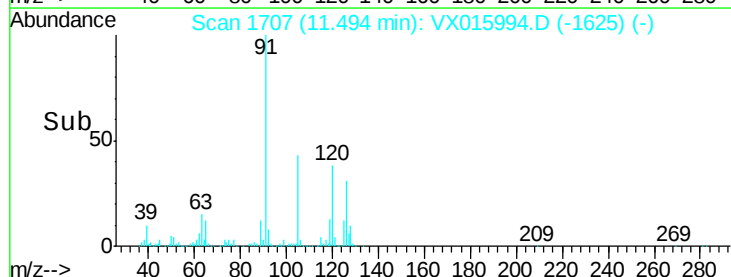


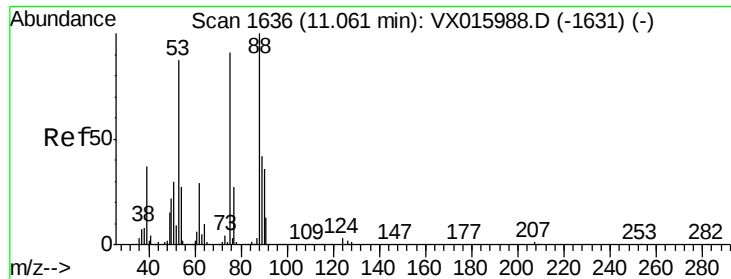
Abundance Ion 105.00 (104.70 to 105.70): VX015988.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX015988.D (-1701) (-)

Time-->

Mass spectrum showing abundance (0 to 200,000) versus time (11.45 to 11.55 min). Key peaks are labeled: 11.49.



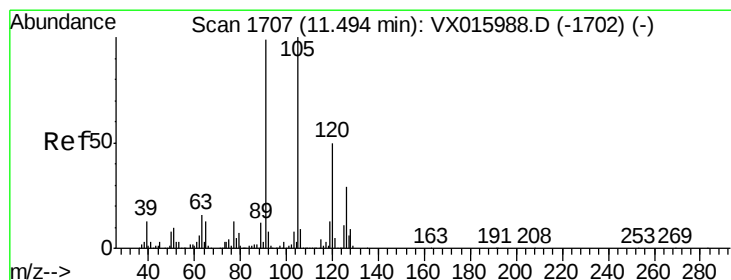
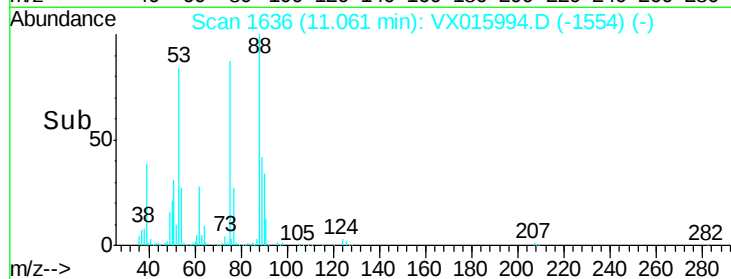
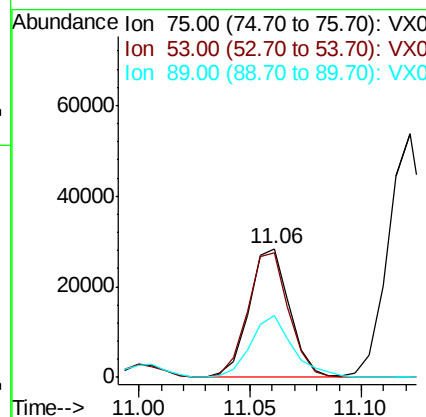
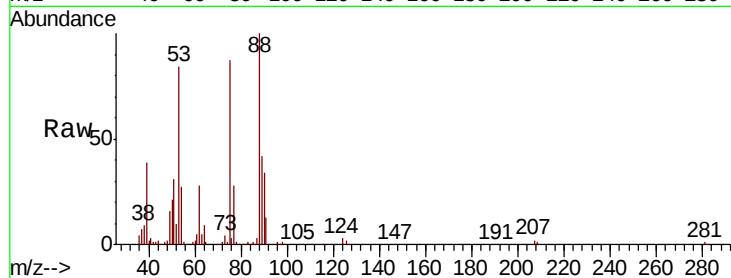


#77
t-1,4-Dichloro-2-butene
Concen: 18.296 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX015994.D
Acq: 30 Apr 2020 14:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 36214

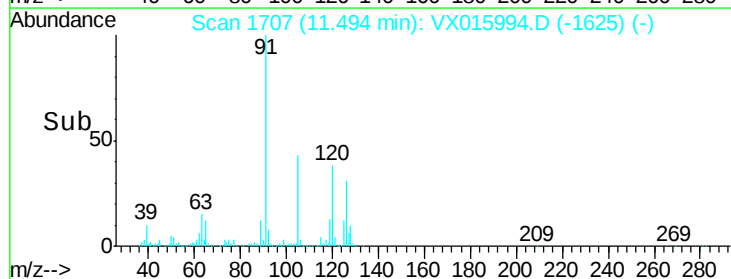
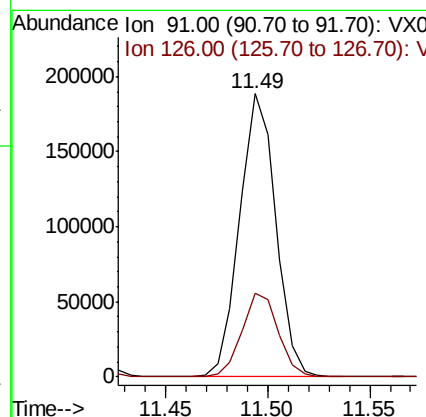
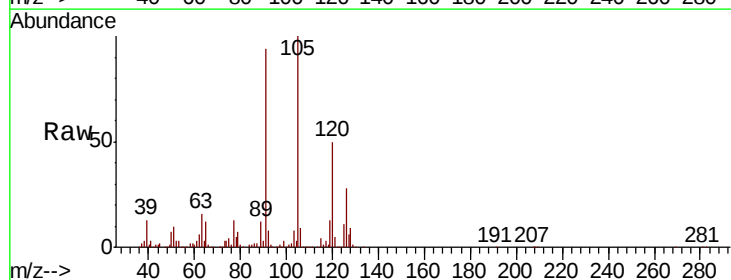
Ion	Ratio	Lower	Upper
75	100		
53	96.7	48.0	144.2
89	47.9	23.4	70.3

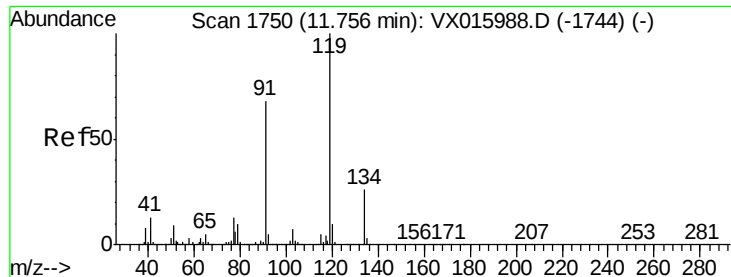


#78
4-Chlorotoluene
Concen: 18.748 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX015994.D
Acq: 30 Apr 2020 14:41

Tgt Ion: 91 Resp: 231584

Ion	Ratio	Lower	Upper
91	100		
126	29.7	0.0	58.4

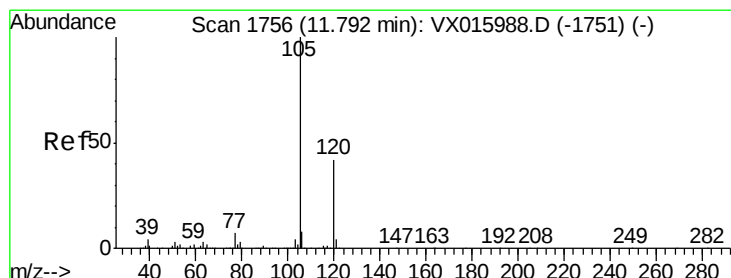
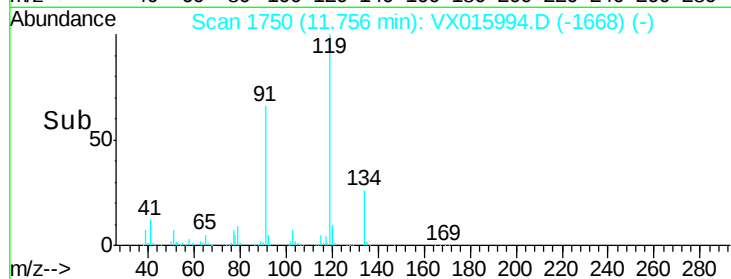
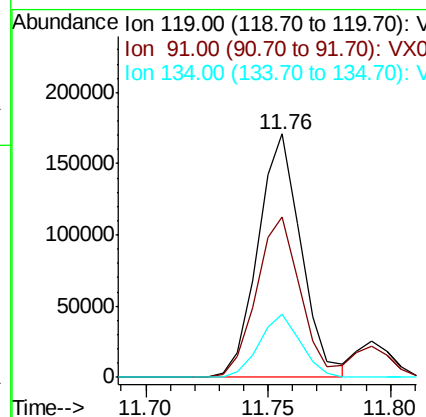
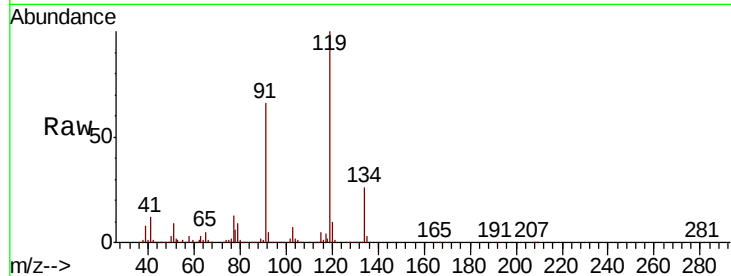




#79
tert-butylbenzene
Concen: 18.868 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX015994.D
Acq: 30 Apr 2020 14:41

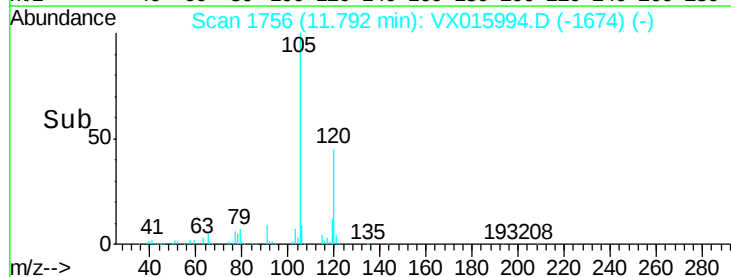
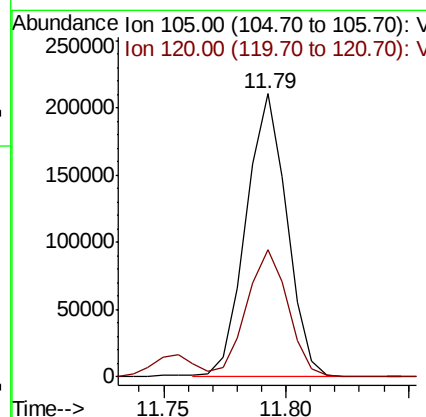
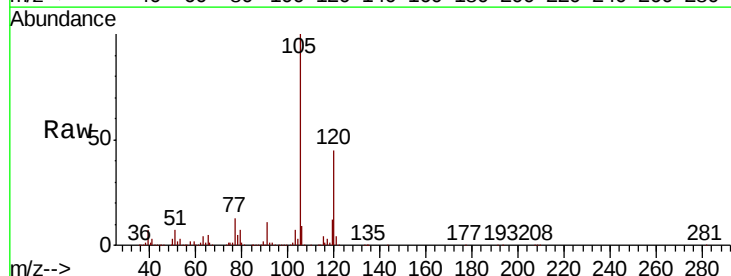
Instrument :
MSVOA_X
ClientSampled :

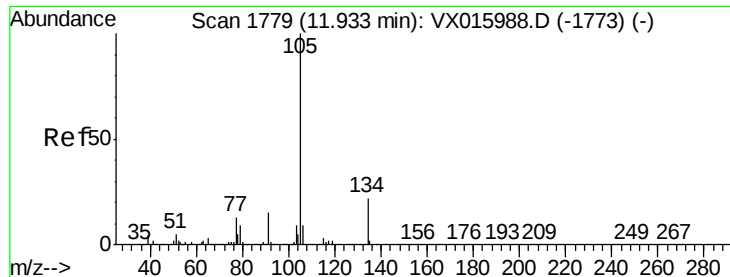
Tot Ion	Ratio	Lower	Upper
119	100		
91	66.4	0.0	135.6
134	25.1	0.0	51.0



#80
1,2,4-Trimethylbenzene
Concen: 18.944 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX015994.D
Acq: 30 Apr 2020 14:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	0.0	91.0

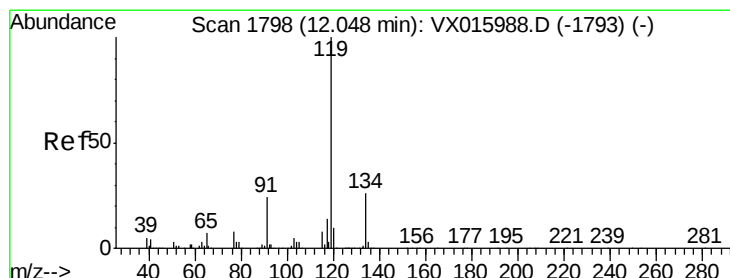
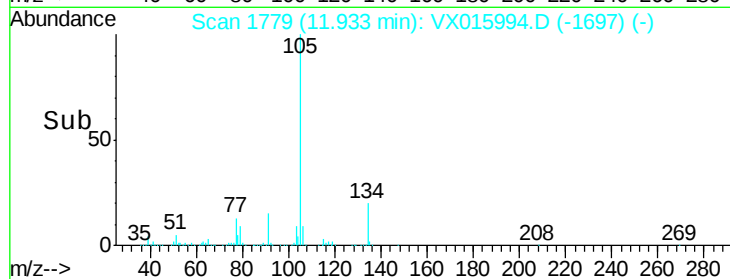
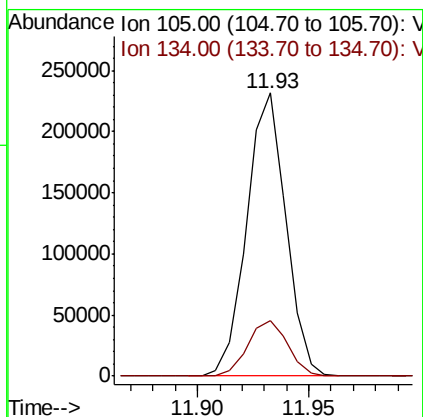
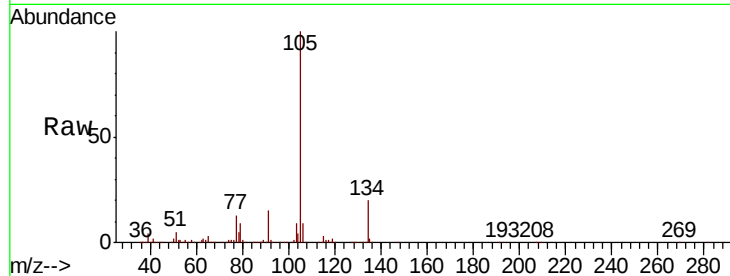




#81
 sec-Butylbenzene
 Concen: 19.027 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX015994.D
 Acq: 30 Apr 2020 14:41

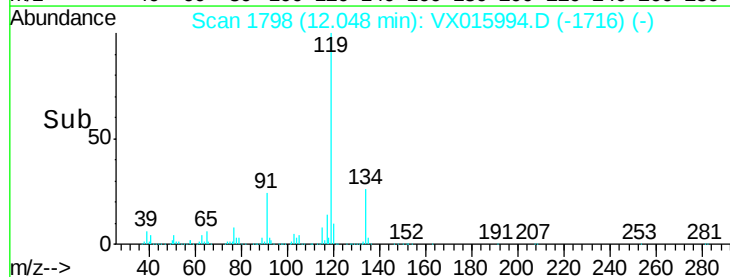
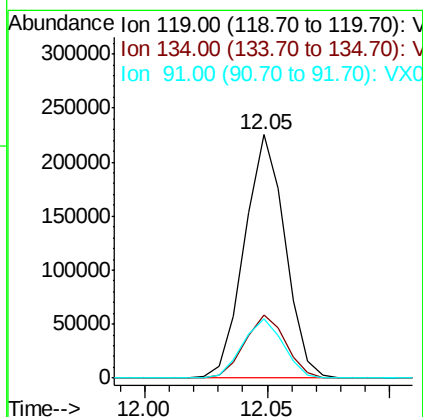
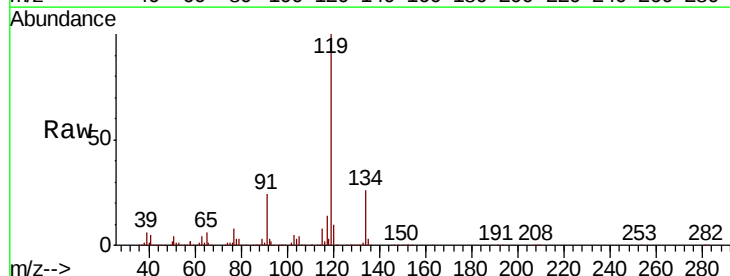
Instrument :
 MSVOA_X
 ClientSampleId :

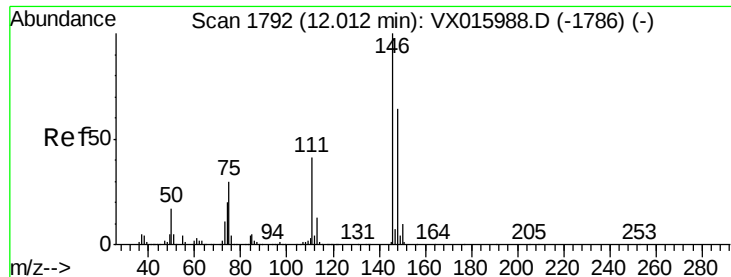
Tot Ion:105 Resp: 284432
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 18.818 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX015994.D
 Acq: 30 Apr 2020 14:41

Tgt Ion:119 Resp: 260694
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 52.6
 91 24.4 0.0 47.6

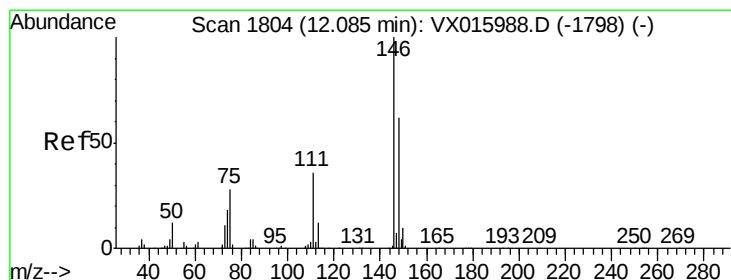
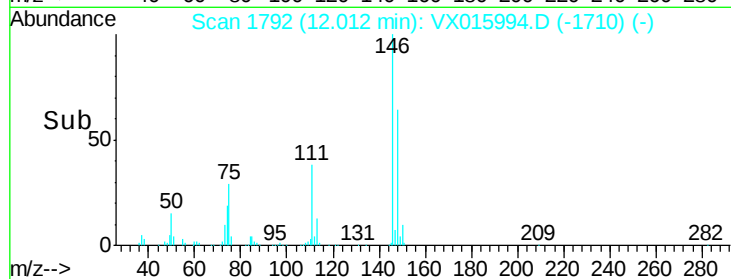
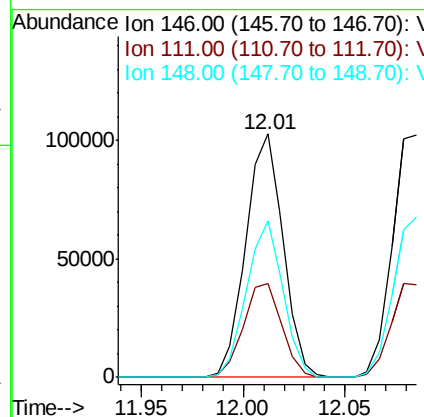
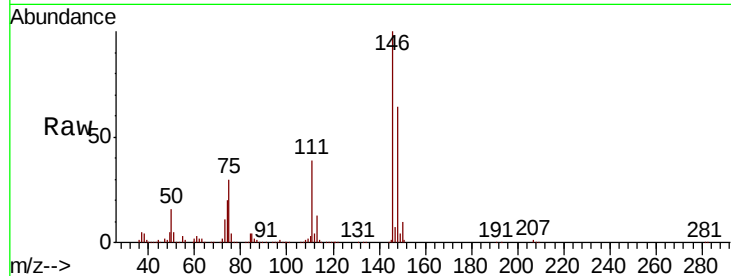




#83
 1,3-Dichlorobenzene
 Concen: 18.801 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX015994.D
 Acq: 30 Apr 2020 14:41

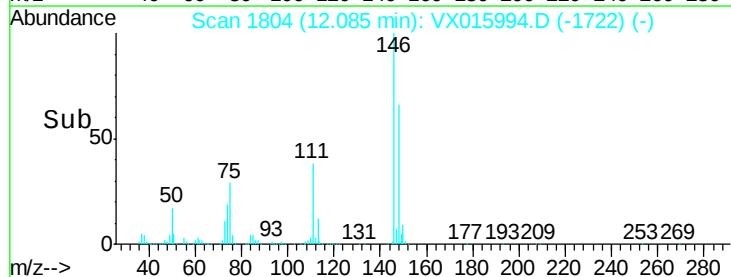
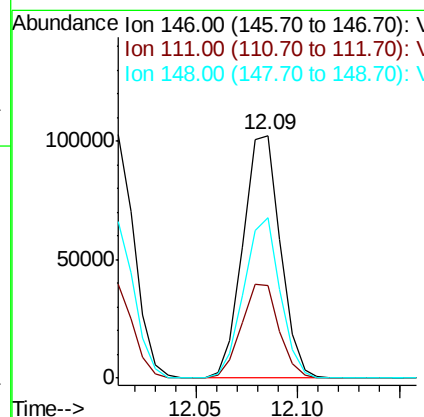
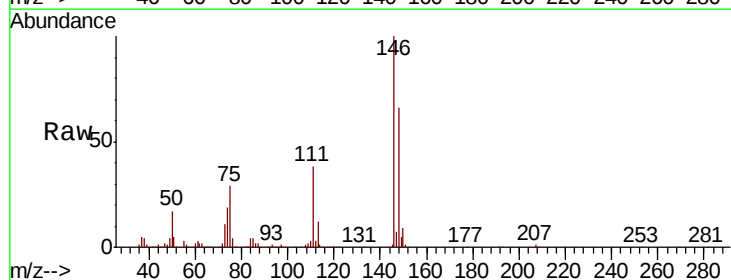
Instrument :
 MSVOA_X
 ClientSampleId :

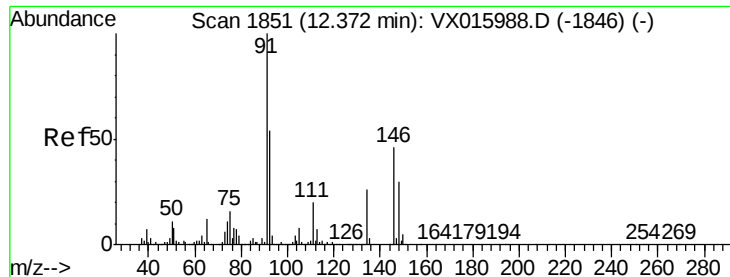
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.4	61.3
148	62.8	31.9	95.9



#84
 1,4-Dichlorobenzene
 Concen: 18.987 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VX015994.D
 Acq: 30 Apr 2020 14:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.7	59.0
148	63.9	32.0	96.0

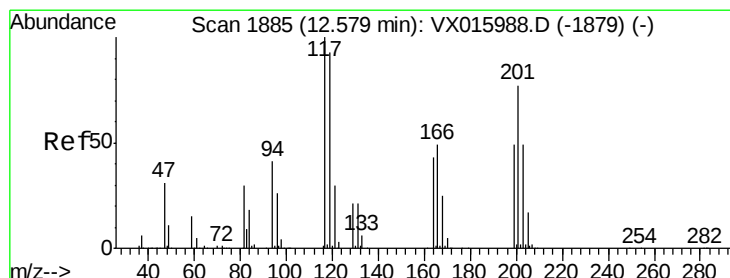
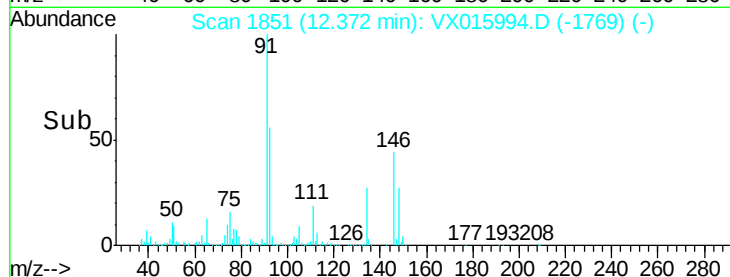
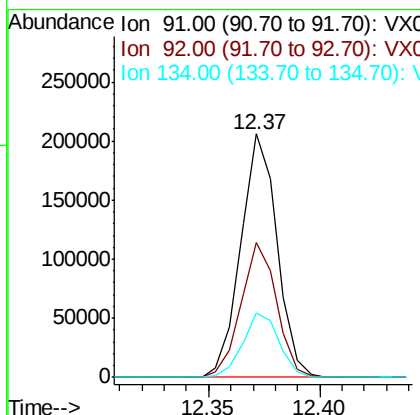
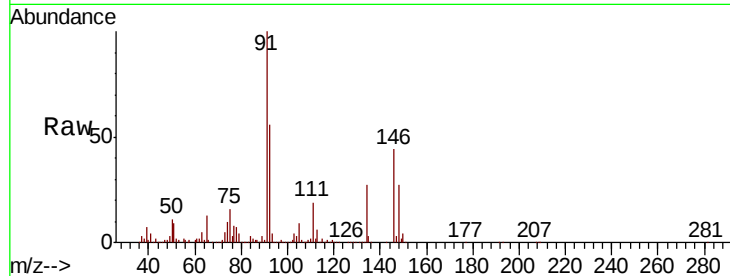




#85
n-Butylbenzene
Concen: 18.483 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX015994.D
Acq: 30 Apr 2020 14:41

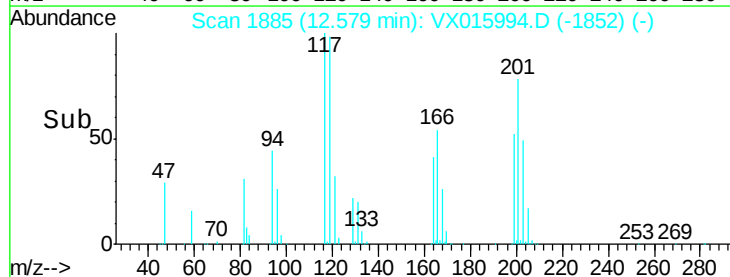
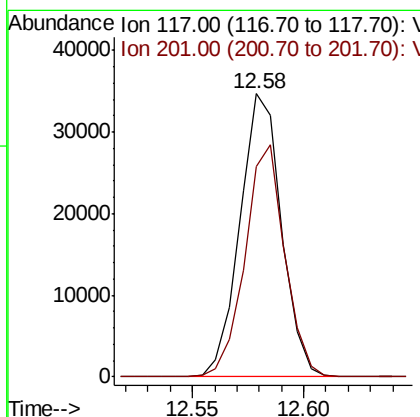
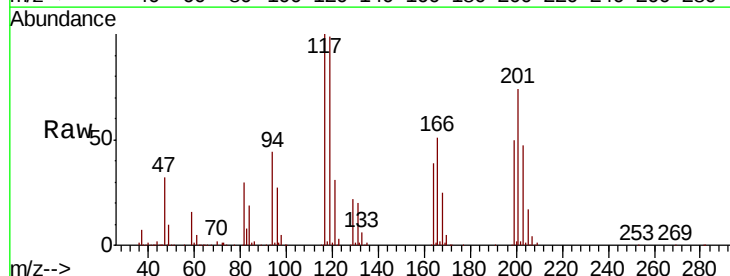
Instrument :
MSVOA_X
ClientSampled :

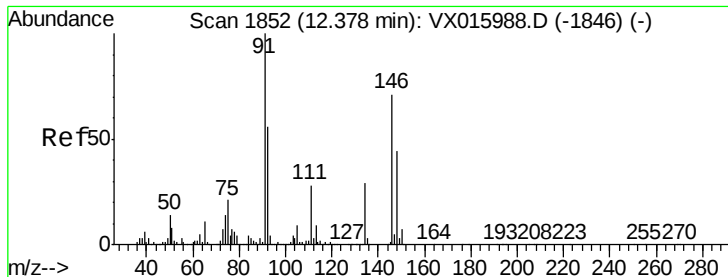
Tot Ion: 91 Resp: 233884
Ion Ratio Lower Upper
91 100
92 54.6 0.0 110.2
134 26.7 0.0 53.4



#86
Hexachloroethane
Concen: 18.502 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX015994.D
Acq: 30 Apr 2020 14:41

Tgt Ion: 117 Resp: 45122
Ion Ratio Lower Upper
117 100
201 78.4 40.1 120.2





#87

1,2-Dichlorobenzene

Concen: 18.737 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

Instrument :

MSVOA_X

ClientSampleId :

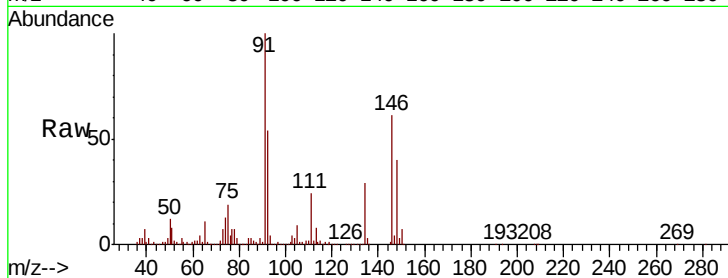
Tot Ion:146 Resp: 125871

Ion Ratio Lower Upper

146 100

111 41.4 20.7 62.1

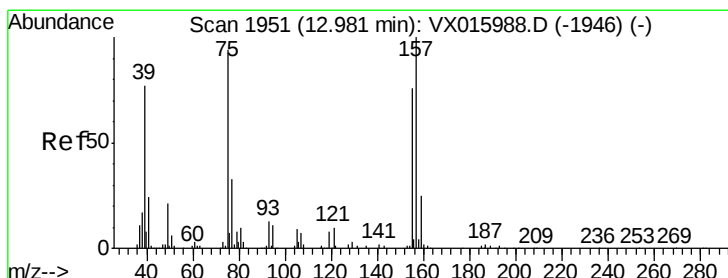
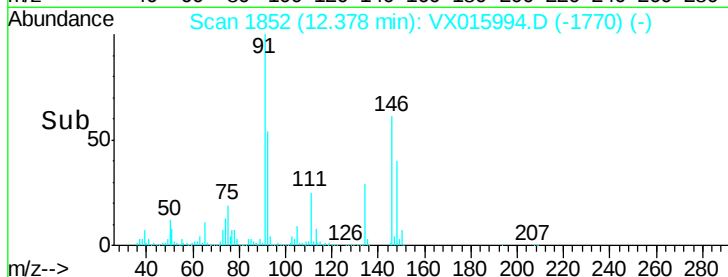
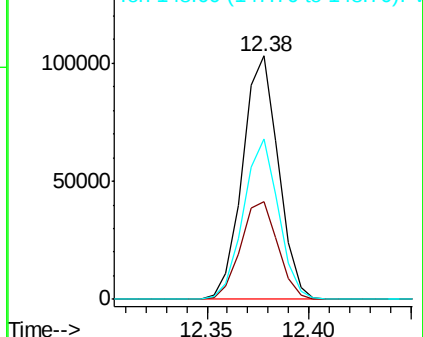
148 64.5 32.0 96.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.280 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

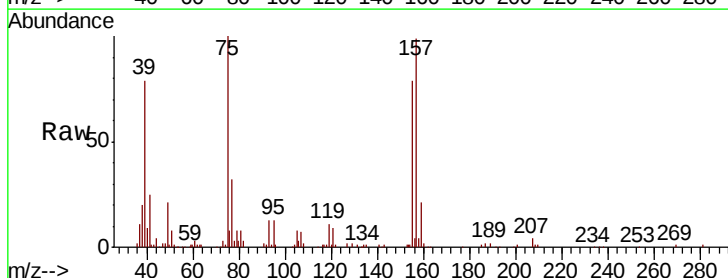
Tgt Ion: 75 Resp: 21740

Ion Ratio Lower Upper

75 100

155 85.3 66.9 100.3

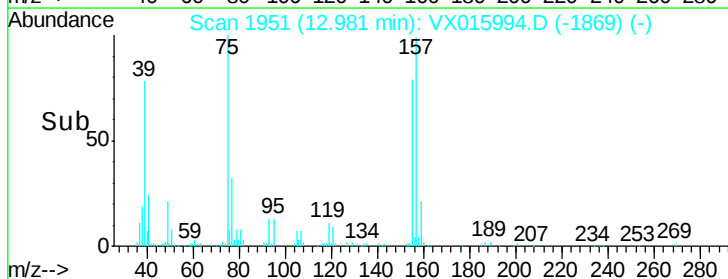
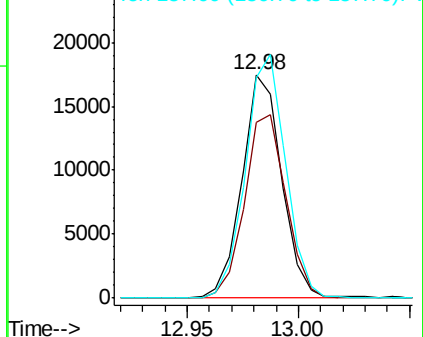
157 109.8 88.2 132.2

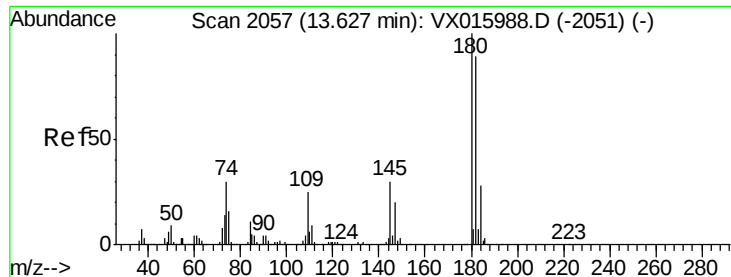


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

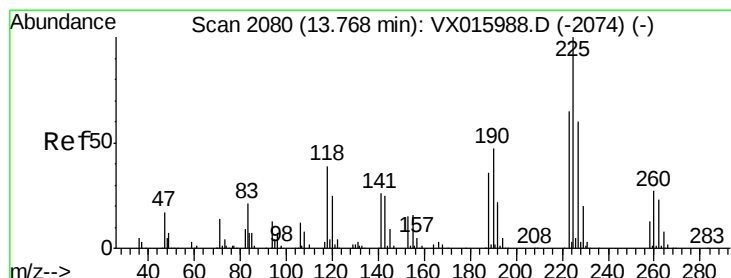
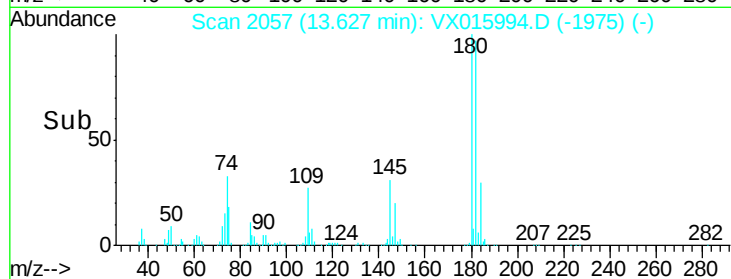
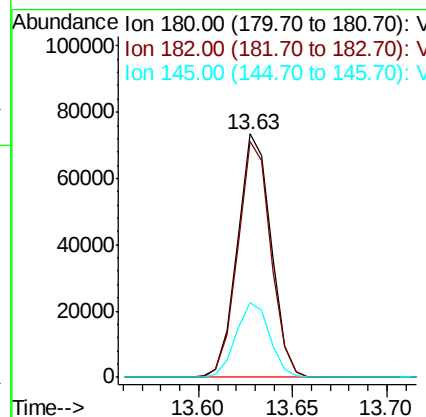
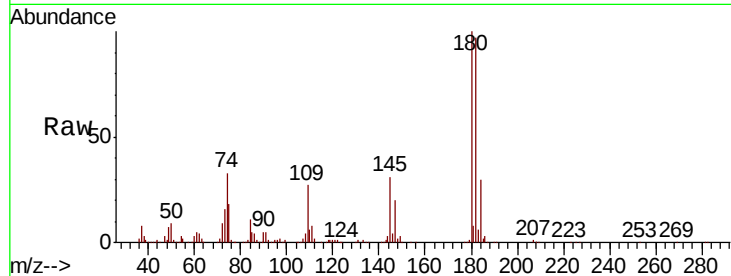




#89
 1,2,4-Trichlorobenzene
 Concen: 18.284 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX015994.D
 Acq: 30 Apr 2020 14:41

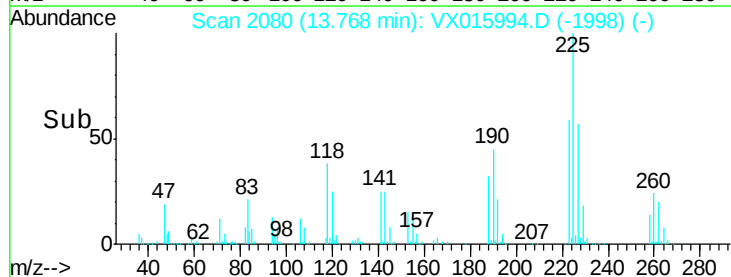
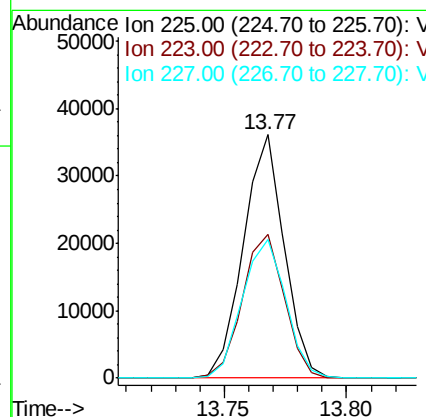
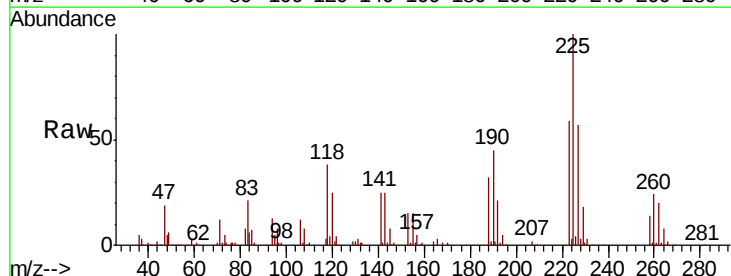
Instrument :
 MSVOA_X
 ClientSampled :

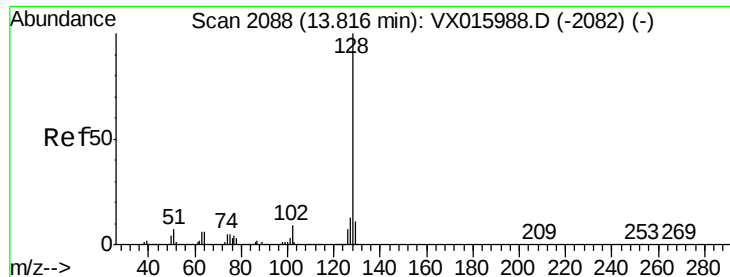
Tot Ion:180 Resp: 90472
 Ion Ratio Lower Upper
 180 100
 182 95.4 75.0 112.6
 145 30.9 23.9 35.9



#90
 Hexachlorobutadiene
 Concen: 19.771 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX015994.D
 Acq: 30 Apr 2020 14:41

Tgt Ion:225 Resp: 42045
 Ion Ratio Lower Upper
 225 100
 223 60.9 0.0 123.6
 227 60.7 0.0 123.6





#91

Naphthalene

Concen: 18.762 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

Instrument :

MSVOA_X

ClientSampleId :

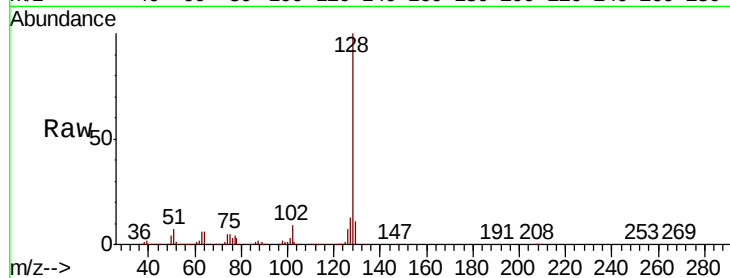
Tot Ion:128 Resp: 295563

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

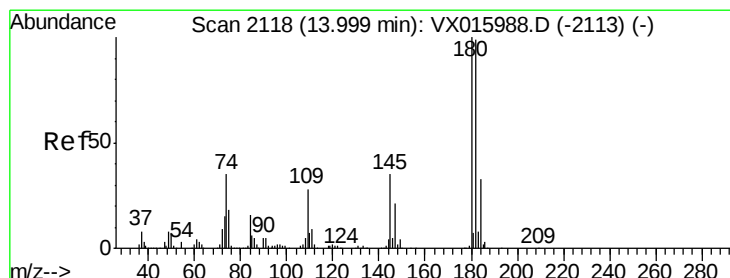
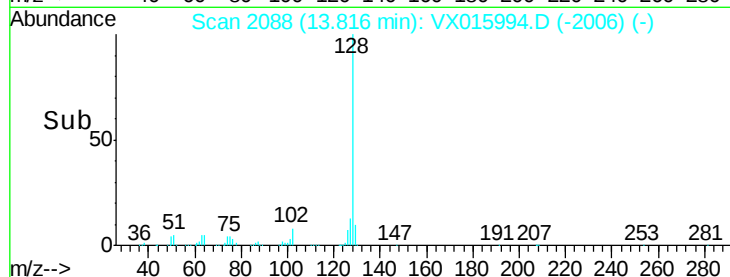
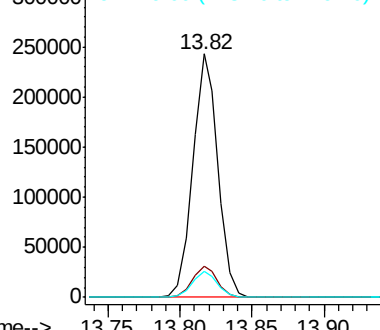
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 18.613 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX015994.D

Acq: 30 Apr 2020 14:41

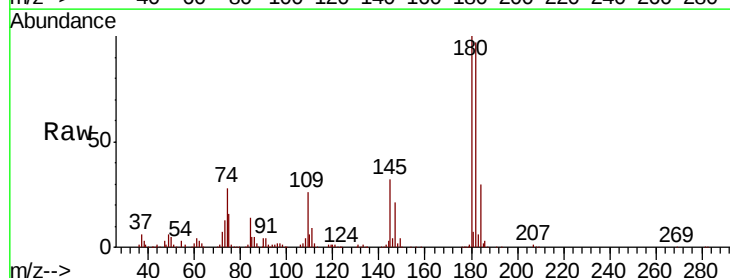
Tgt Ion:180 Resp: 88481

Ion Ratio Lower Upper

180 100

182 96.2 0.0 197.2

145 33.2 0.0 66.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

