

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050820\
 Data File : VX016116.D
 Acq On : 08 May 2020 13:25
 Operator : JC/SP
 Sample : VX0508WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 09 01:40:46 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	50046	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	278284	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	252969	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	111634	29.02	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.73%
60) 4-Bromofluorobenzene	11.12	95	126510	29.82	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.40%
63) Toluene-d8	8.70	98	335007	30.87	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	68872	19.980	ug/l 97
3) Chloromethane	1.31	50	65356	19.351	ug/l 100
4) Vinyl Chloride	1.39	62	69274	18.053	ug/l 100
5) Bromomethane	1.63	94	44288	18.830	ug/l 100
6) Chloroethane	1.72	64	41906	16.658	ug/l 95
7) Trichlorofluoromethane	1.92	101	89216	16.232	ug/l 99
8) Diethyl Ether	2.17	74	36156	16.481	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	51935	18.297	ug/l 98
10) 1,1-Dichloroethene	2.36	96	51577	18.010	ug/l 97
11) Methyl Iodide	2.49	142	65617	16.784	ug/l 96
12) Methyl Acetate	2.75	43	97384	19.477	ug/l 99
13) Acrolein	2.27	56	31782	79.291	ug/l 96
14) Acrylonitrile	3.11	53	178832	96.831	ug/l 99
15) Acetone	2.42	58	48685	99.608	ug/l 87
16) Carbon Disulfide	2.55	76	158697	18.216	ug/l 98
17) Allyl chloride	2.71	41	98443	18.531	ug/l 90
18) Methylene Chloride	2.84	84	61348	19.123	ug/l 93
19) trans-1,2-Dichloroethene	3.14	96	58339	18.626	ug/l 95
20) Diisopropyl ether	3.82	45	191918	18.737	ug/l 99
21) 1,1-Dichloroethane	3.67	63	106437	18.636	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	66129	18.604	ug/l 96
23) tert-Butyl Alcohol	3.01	59	84131	93.060	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	193515	18.817	ug/l 95
25) Chloroform	5.18	83	105649	18.214	ug/l 95
26) Cyclohexane	5.55	56	97083	18.589	ug/l # 100
29) 1,1-Dichloropropene	5.77	75	80817	18.465	ug/l 98
30) 2-Butanone	4.63	43	246098	94.365	ug/l 98
31) 2,2-Dichloropropane	4.55	77	93453	17.742	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	93569	17.623	ug/l 98
33) Carbon Tetrachloride	5.76	117	83316	17.624	ug/l 99
34) Benzene	6.11	78	240527	18.815	ug/l 100
35) Methacrylonitrile	5.00	41	51050	18.432	ug/l 93
36) 1,2-Dichloroethane	6.16	62	87656	17.955	ug/l 99
37) Trichloroethene	7.19	130	86123	18.937	ug/l 98
38) Methylcyclohexane	7.44	83	100612	18.811	ug/l 98
39) 1,2-Dichloropropane	7.49	63	63308	19.292	ug/l 98
40) Dibromomethane	7.64	93	41908	18.391	ug/l 99

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 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	7.87	83	84517	17.992	ug/l	99
42) Vinyl Acetate	3.78	43	782844	90.733	ug/l	99
43) Ethyl Acetate	4.79	43	92553	17.991	ug/l	100
44) Isopropyl Acetate	6.41	43	151236	18.116	ug/l	97
45) 1,4-Dioxane	7.71	88	33921	384.673	ug/l	99
46) Methyl methacrylate	7.74	41	70712	17.867	ug/l	93
47) n-amyl Acetate	10.88	43	123972	16.983	ug/l	96
48) t-1,3-Dichloropropene	9.02	75	100666	18.454	ug/l	97
49) cis-1,3-Dichloropropene	8.42	75	104946	18.621	ug/l	94
50) 1,1,2-Trichloroethane	9.20	97	58801	18.312	ug/l	97
51) Ethyl methacrylate	9.16	69	97824	18.449	ug/l	92
52) 1,3-Dichloropropane	9.35	76	105860	19.071	ug/l	99
53) Dibromochloromethane	9.57	129	65514	17.933	ug/l	99
54) 1,2-Dibromoethane	9.65	107	65563	18.578	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	266083	92.239	ug/l	100
56) Bromoform	10.84	173	48780	17.721	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	472383	94.692	ug/l	98
59) 2-Hexanone	9.47	43	356496	92.517	ug/l	96
61) Tetrachloroethene	9.32	164	97747	19.534	ug/l	97
62) Toluene	8.76	91	256622	18.989	ug/l	100
64) Chlorobenzene	10.12	112	160859	18.693	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	59984	18.362	ug/l	99
66) Ethyl Benzene	10.24	91	287843	18.704	ug/l	100
67) m/p-Xylenes	10.34	106	216031	36.850	ug/l	99
68) o-Xylene	10.68	106	104305	18.450	ug/l	98
69) Styrene	10.70	104	174998	18.086	ug/l	99
70) Isopropylbenzene	11.00	105	280753	18.394	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	49916	17.592	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	118032	25.683	ug/l	82
73) Bromobenzene	11.24	156	70674	18.375	ug/l	98
74) n-propylbenzene	11.34	91	325401	18.354	ug/l	99
75) 2-Chlorotoluene	11.41	91	191702	18.401	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	234355	18.088	ug/l	100
77) t-1,4-Dichloro-2-butene	11.06	75	35629	18.030	ug/l	95
78) 4-Chlorotoluene	11.49	91	223982	18.163	ug/l	99
79) tert-butylbenzene	11.76	119	199080	17.991	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	237133	18.320	ug/l	100
81) sec-Butylbenzene	11.93	105	273036	18.295	ug/l	100
82) p-Isopropyltoluene	12.05	119	255874	18.501	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	128413	18.518	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	128498	18.648	ug/l	99
85) n-Butylbenzene	12.37	91	227086	17.975	ug/l	99
86) Hexachloroethane	12.58	117	42480	17.448	ug/l	97
87) 1,2-Dichlorobenzene	12.38	146	124234	18.524	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	20861	17.570	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	91385	18.499	ug/l	99
90) Hexachlorobutadiene	13.77	225	40391	19.025	ug/l	96
91) Naphthalene	13.82	128	294006	18.694	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	90676	19.107	ug/l	97

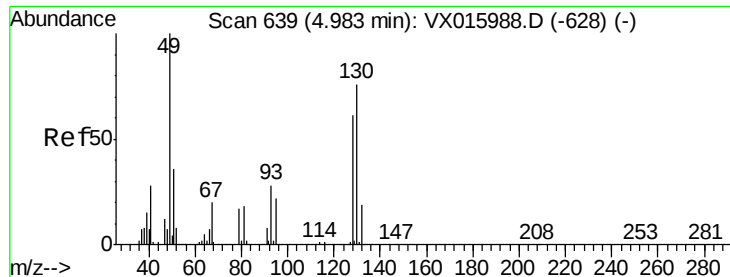
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.00 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

Instrument :
MSVOA_X
ClientSampleId :

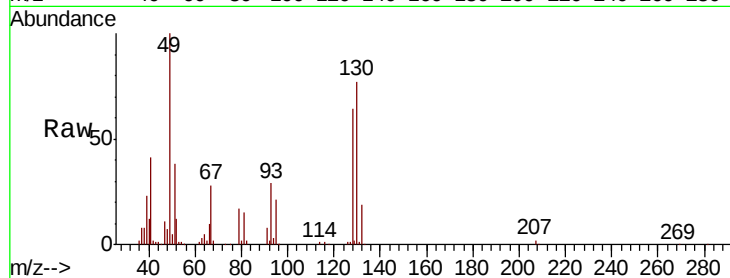
Tot Ion:128 Resp: 50046

Ion Ratio Lower Upper

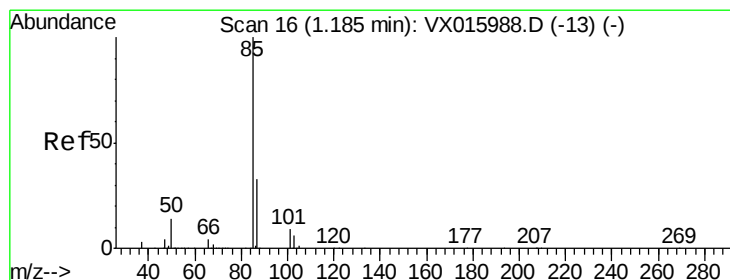
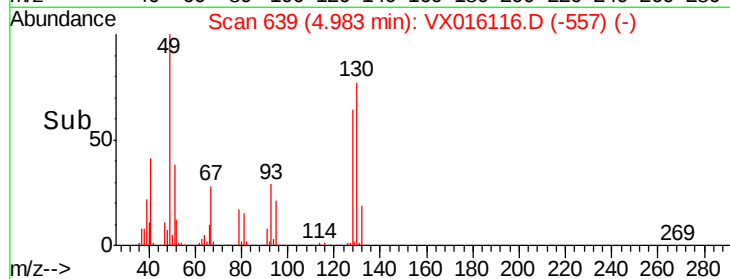
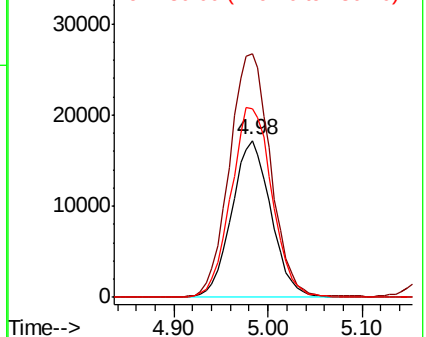
128 100

49 162.9 0.0 418.5

130 126.3 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



#2

Dichlorodifluoromethane

Concen: 19.980 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016116.D

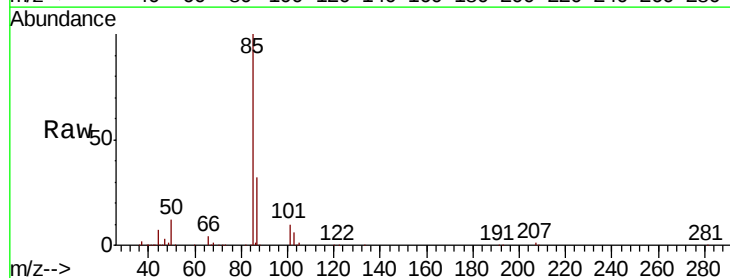
Acq: 08 May 2020 13:25

Tgt Ion: 85 Resp: 68872

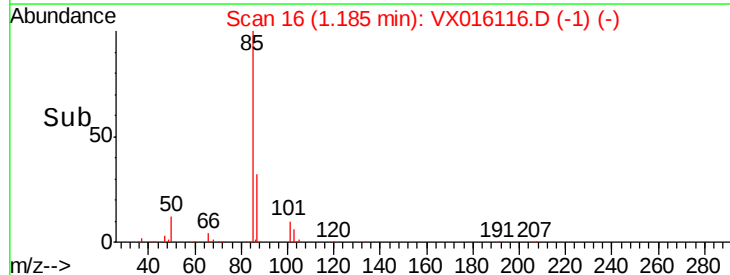
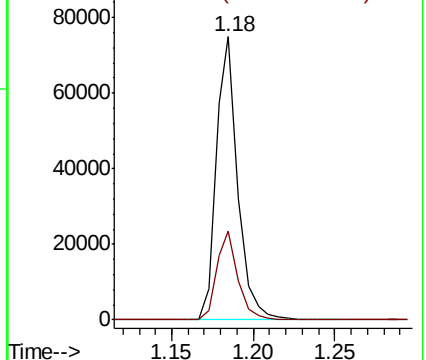
Ion Ratio Lower Upper

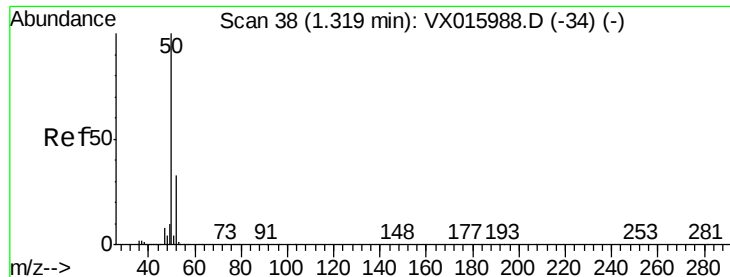
85 100

87 31.5 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: 19.351 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

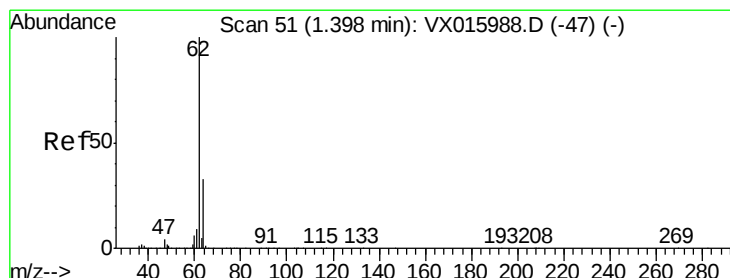
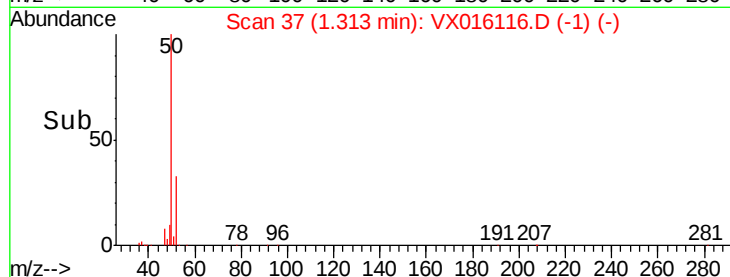
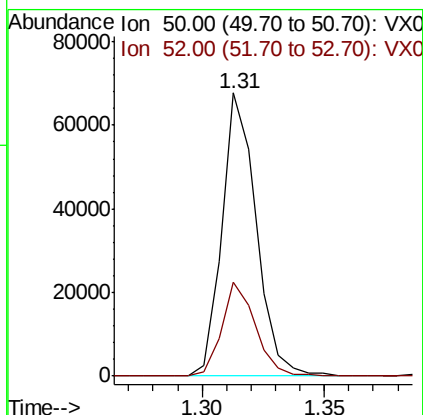
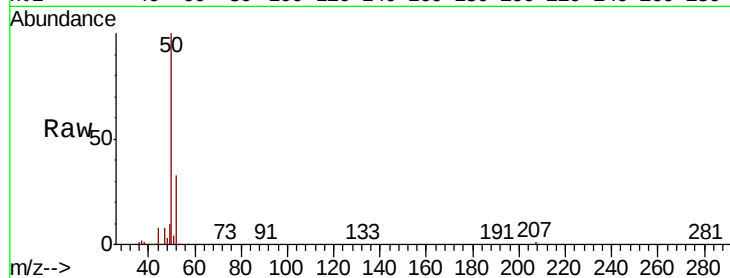
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 65356

Ion Ratio Lower Upper

50 100

52 33.2 26.5 39.7



#4

Vinyl Chloride

Concen: 18.053 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX016116.D

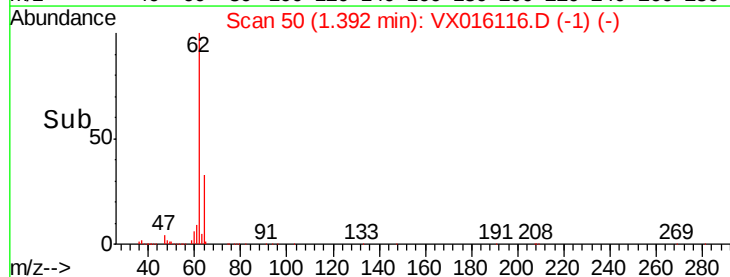
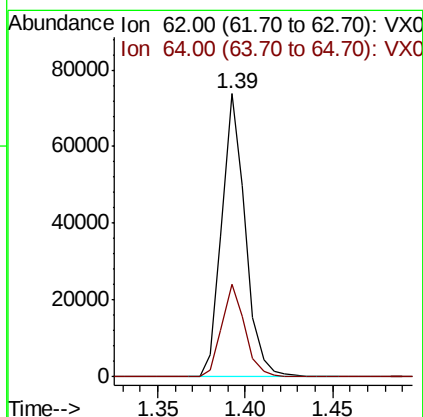
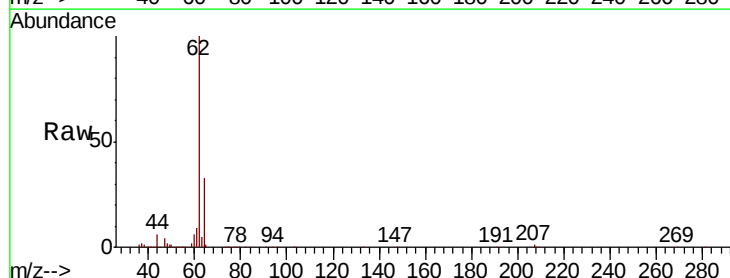
Acq: 08 May 2020 13:25

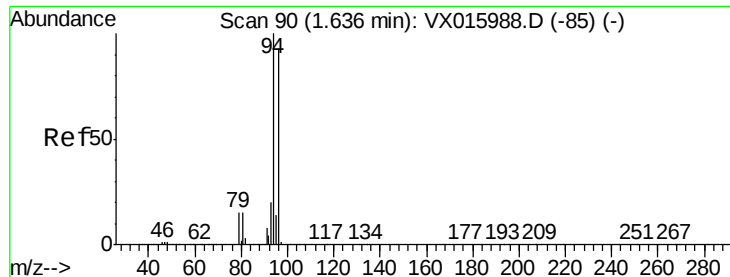
Tgt Ion: 62 Resp: 69274

Ion Ratio Lower Upper

62 100

64 32.9 26.3 39.5





#5

Bromomethane

Concen: 18.830 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

Instrument :

MSVOA_X

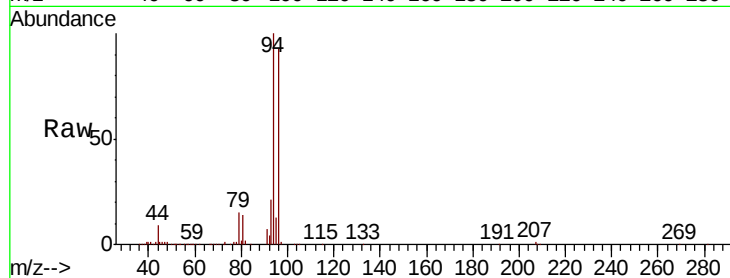
ClientSampleId :

Tot Ion: 94 Resp: 44288

Ion Ratio Lower Upper

94 100

96 92.9 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

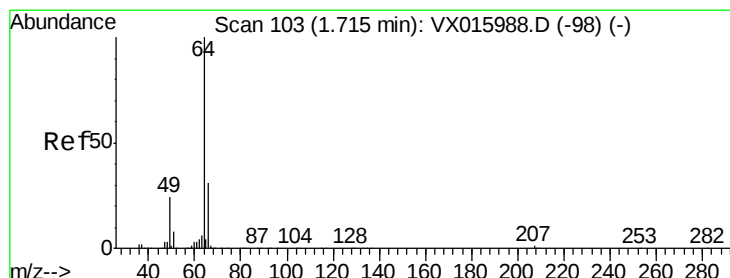
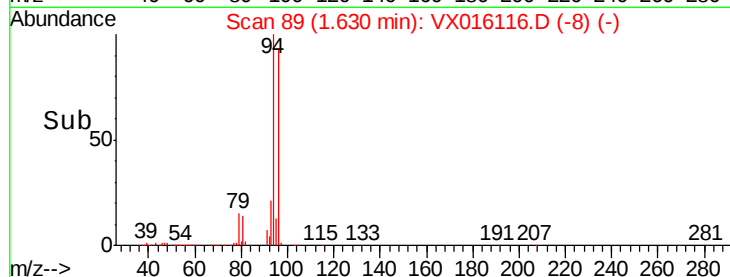
30000

20000

10000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 16.658 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX016116.D

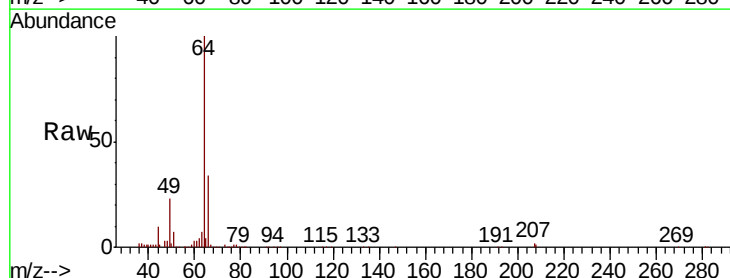
Acq: 08 May 2020 13:25

Tgt Ion: 64 Resp: 41906

Ion Ratio Lower Upper

64 100

66 33.9 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.72

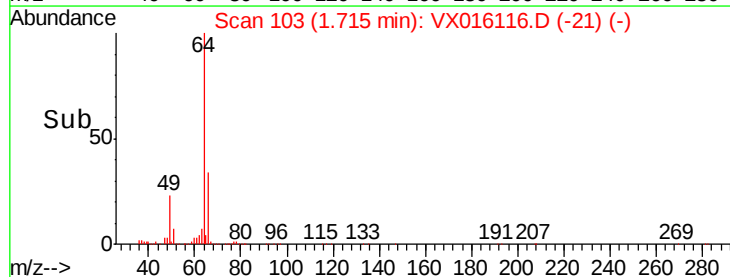
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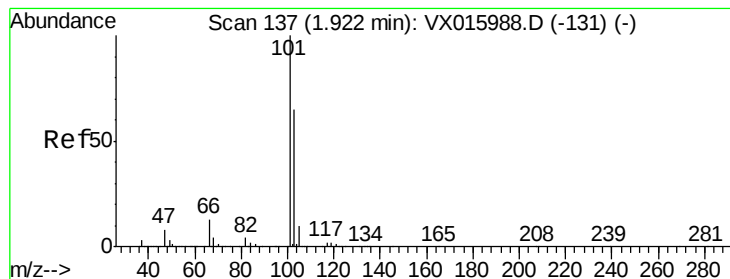
20000

10000

0

Time--> 1.65 1.70 1.75 1.80



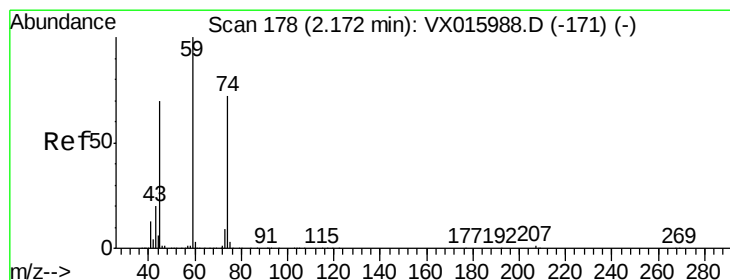
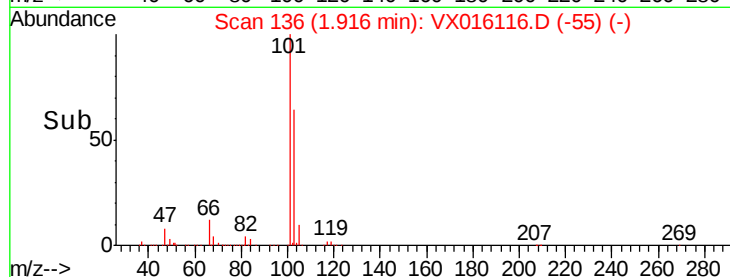
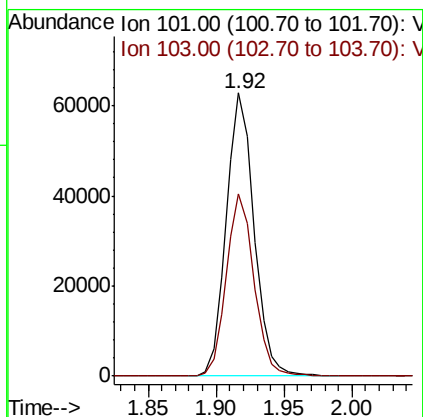
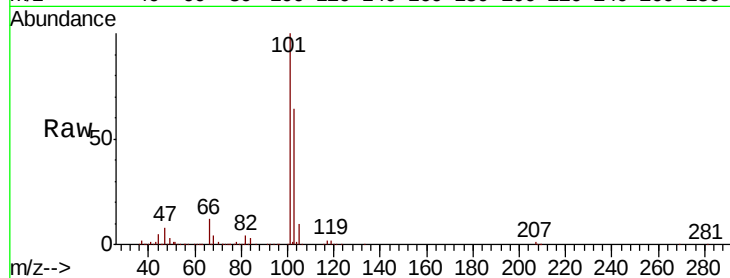


#7

Trichlorofluoromethane
Concen: 16.232 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX016116.D
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Instrument :
MSVOA_X
ClientSampleId :

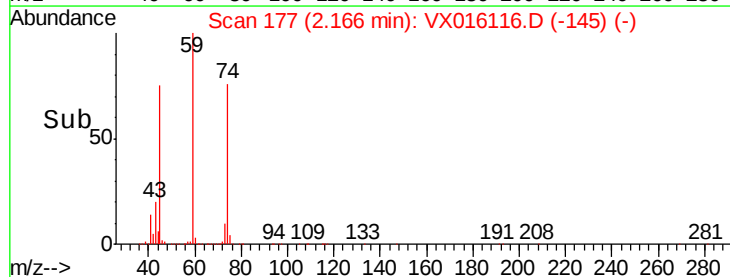
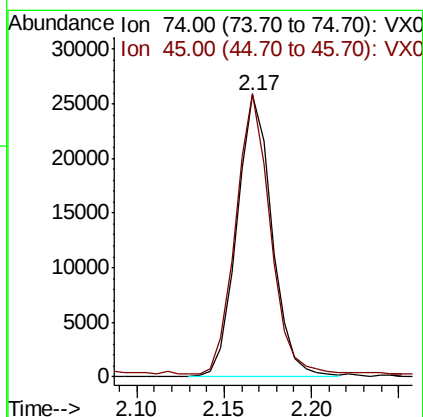
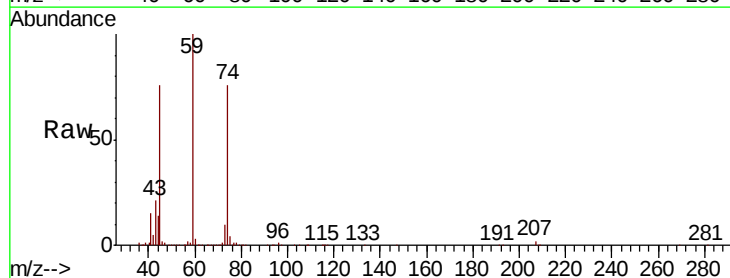
Tot Ion:101 Resp: 89216
Ion Ratio Lower Upper
101 100
103 64.3 51.8 77.8

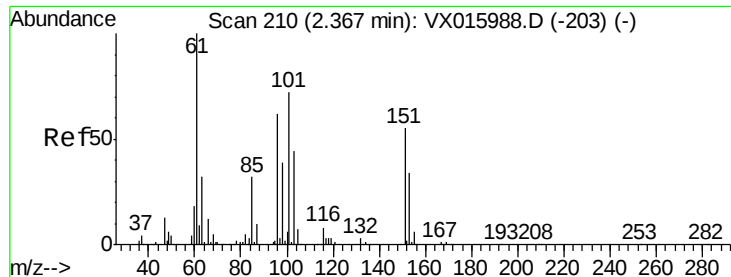


#8

Diethyl Ether
Concen: 16.481 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX016116.D
Acq: 08 May 2020 13:25

Tgt Ion: 74 Resp: 36156
Ion Ratio Lower Upper
74 100
45 99.7 19.4 174.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.297 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

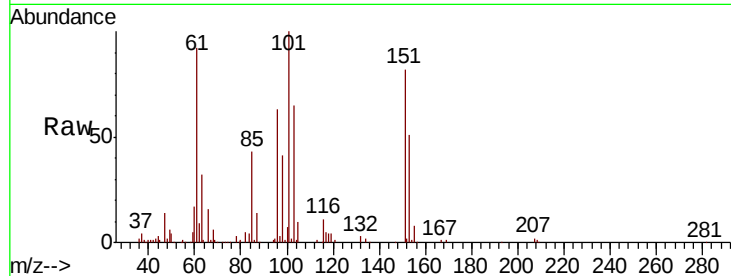
Tot Ion:101 Resp: 51935

Ion Ratio Lower Upper

101 100

85 42.6 0.0 90.6

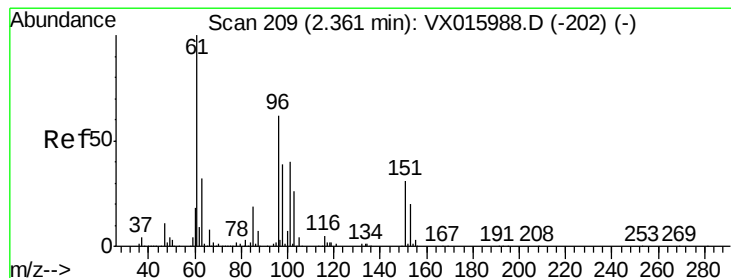
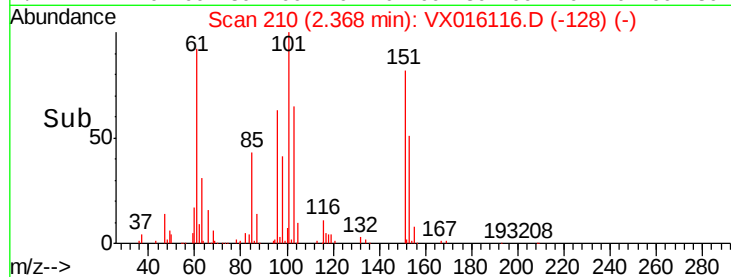
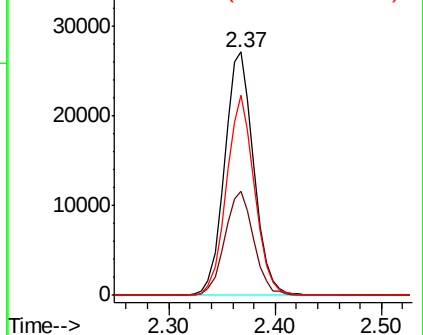
151 79.1 0.0 157.0



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: 18.010 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

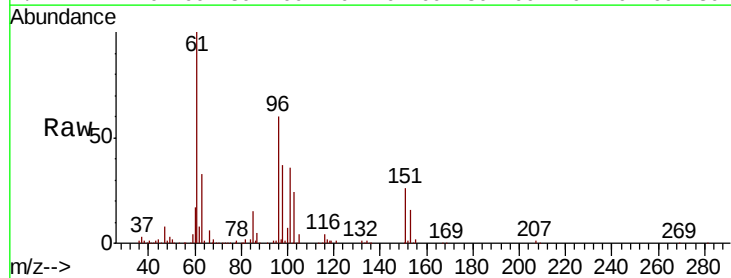
Tgt Ion: 96 Resp: 51577

Ion Ratio Lower Upper

96 100

61 165.3 129.8 194.8

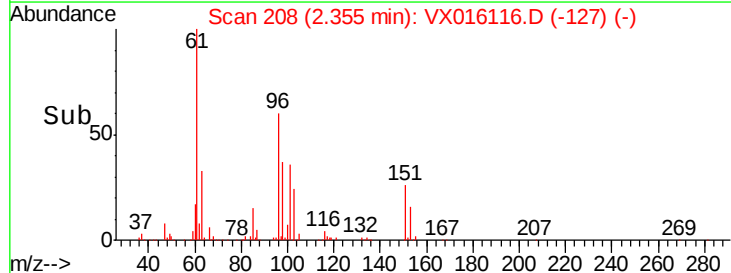
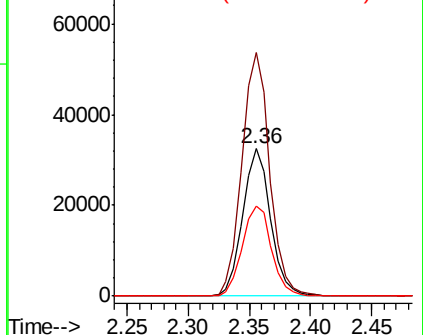
98 61.2 51.1 76.7

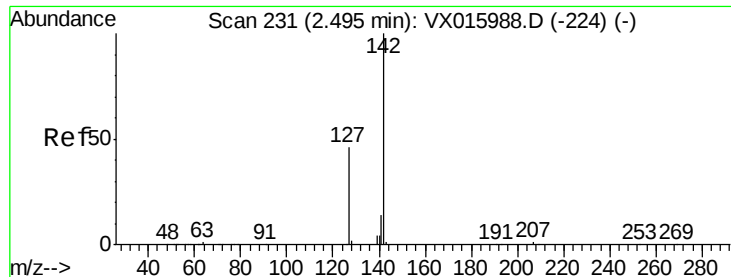


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

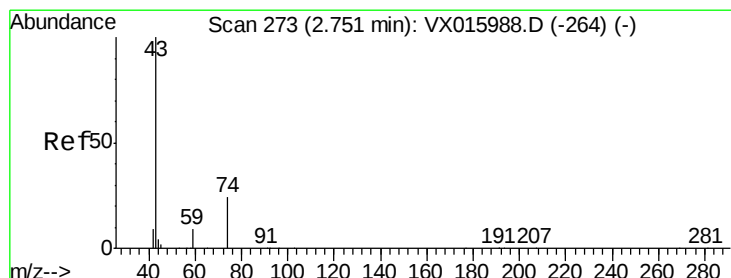
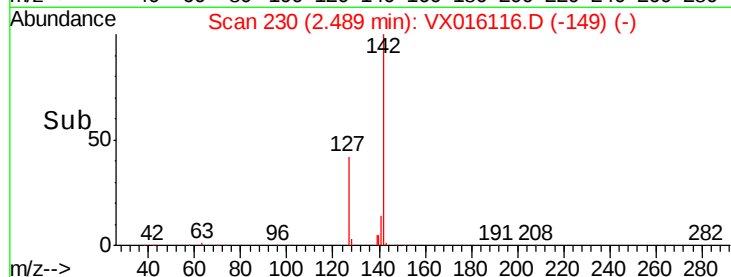
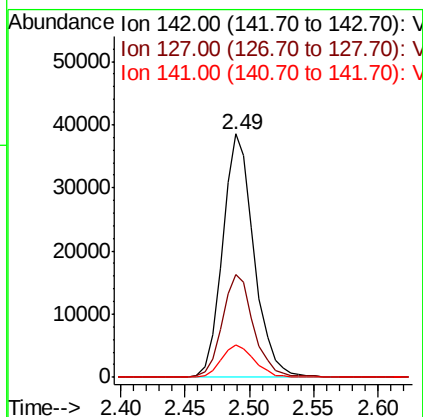
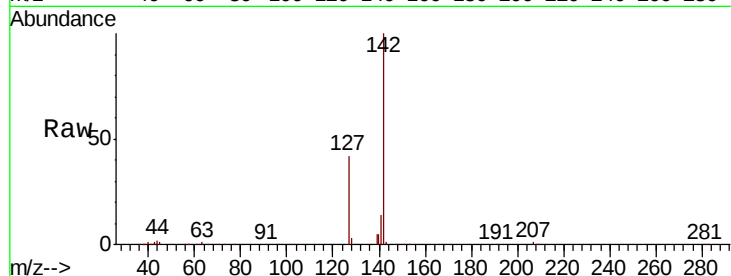




#11
Methvl Iodide
Concen: 16.784 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX016116.D
Acq: 08 May 2020 13:25

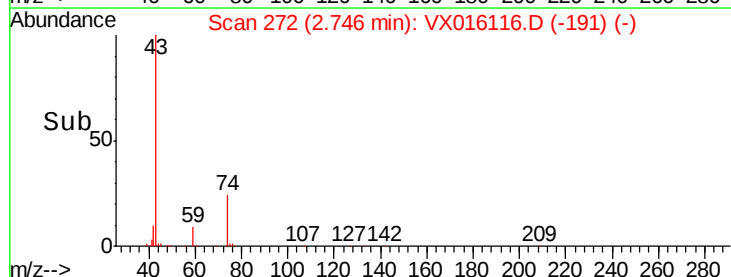
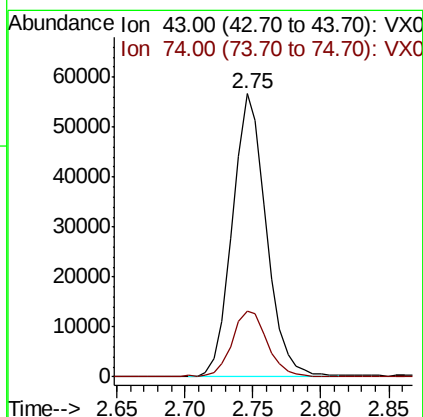
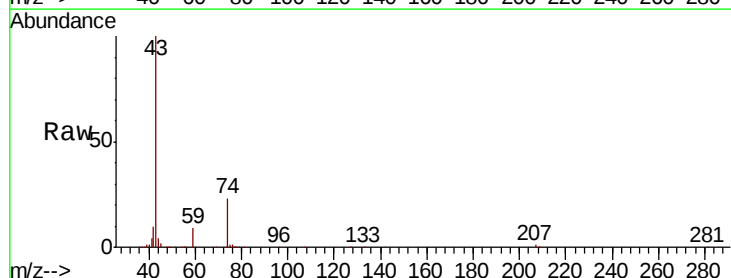
Instrument :
MSVOA_X
ClientSampleId :

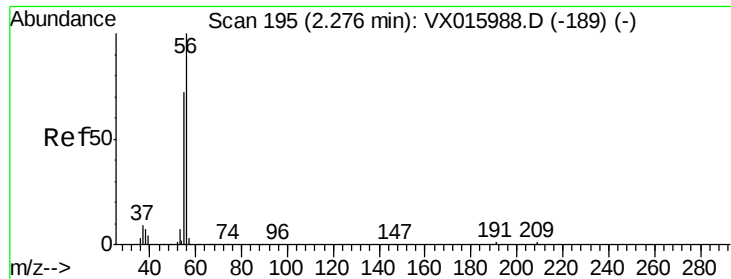
Tot Ion:142 Resp: 65617
Ion Ratio Lower Upper
142 100
127 42.4 22.8 68.4
141 13.6 7.0 21.1



#12
Methyl Acetate
Concen: 19.477 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016116.D
Acq: 08 May 2020 13:25

Tgt Ion: 43 Resp: 97384
Ion Ratio Lower Upper
43 100
74 23.2 19.0 28.4





#13

Acrolein

Concen: 79.291 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

Instrument :

MSVOA_X

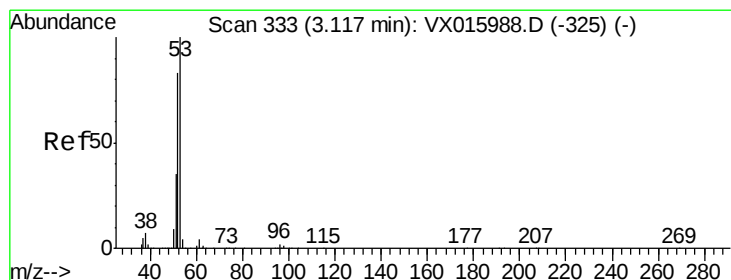
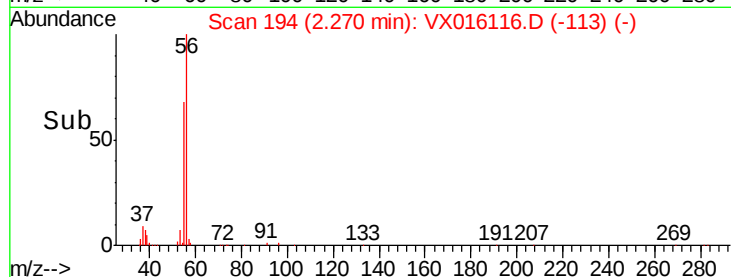
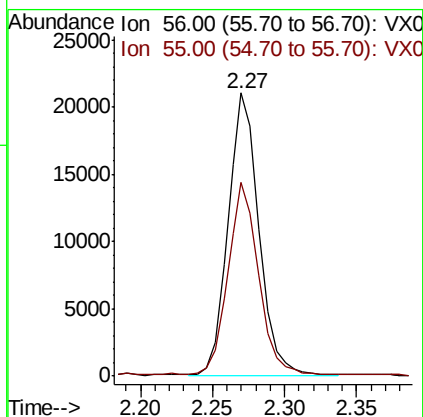
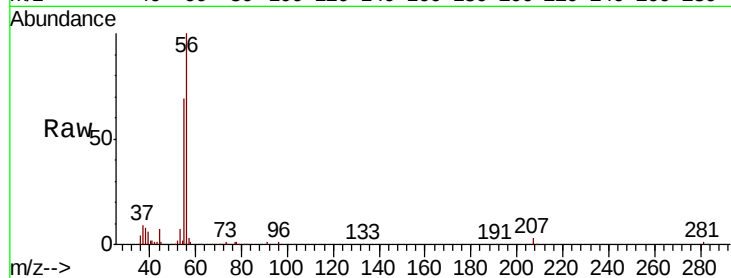
ClientSampleId :

Tot Ion: 56 Resp: 31782

Ion Ratio Lower Upper

56 100

55 67.1 56.2 84.4



#14

Acrylonitrile

Concen: 96.831 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

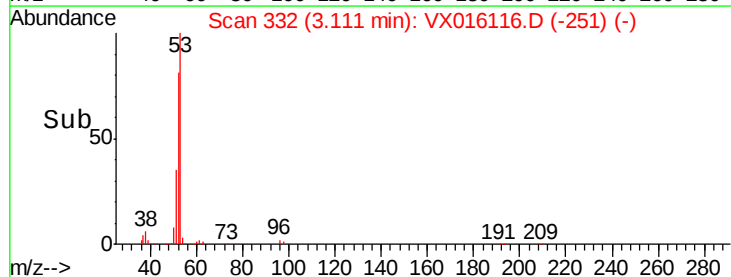
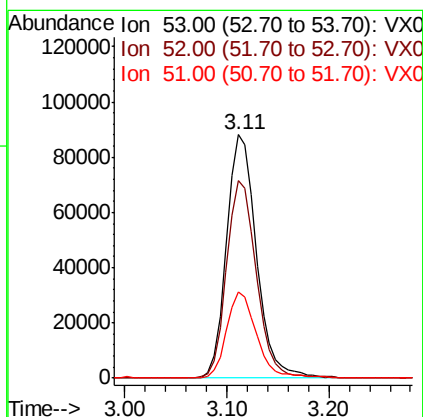
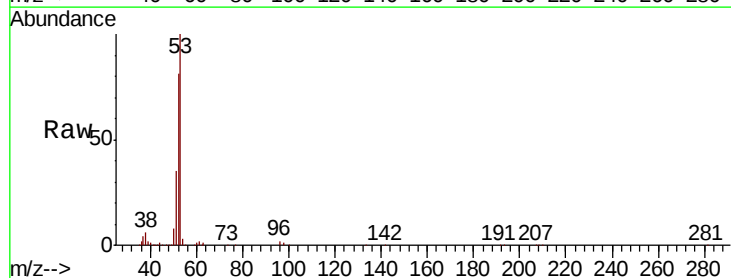
Tgt Ion: 53 Resp: 178832

Ion Ratio Lower Upper

53 100

52 81.1 41.2 123.6

51 35.2 17.8 53.5





#15

Acetone

Concen: 99.608 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

Instrument :

MSVOA_X

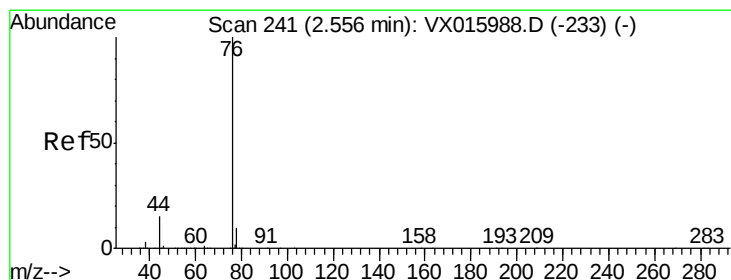
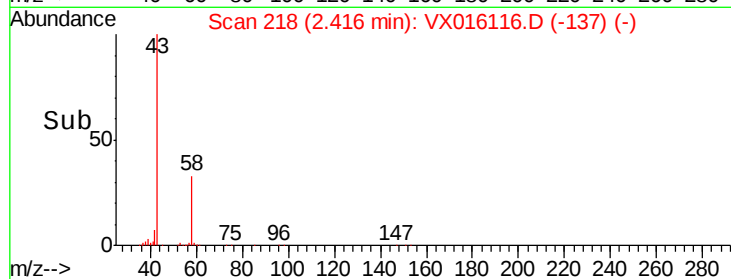
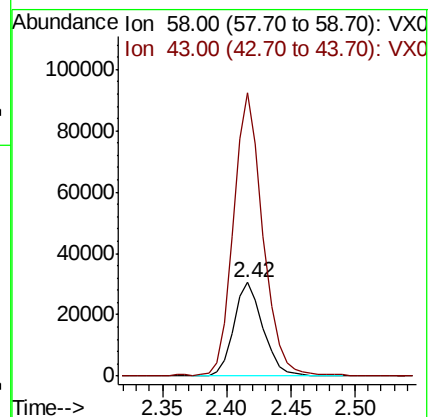
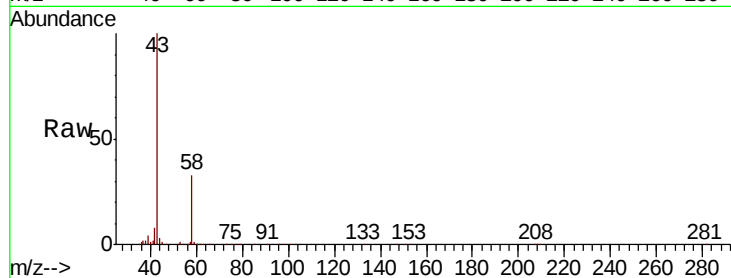
ClientSampleId :

Tot Ion: 58 Resp: 48685

Ion Ratio Lower Upper

58 100

43 302.8 264.2 396.2



#16

Carbon Disulfide

Concen: 18.216 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX016116.D

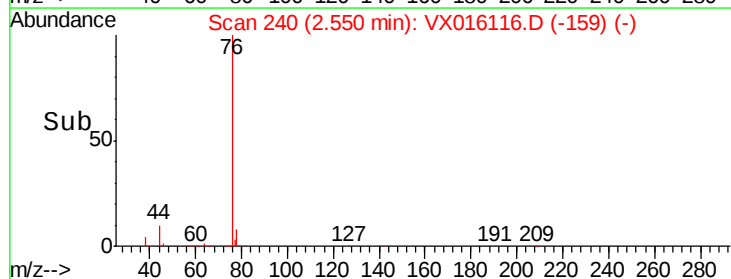
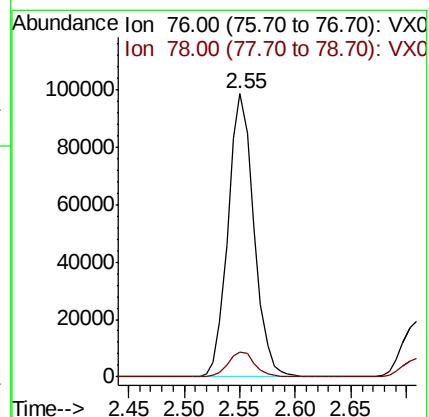
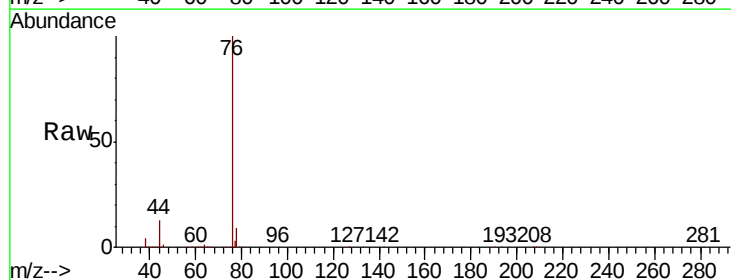
Acq: 08 May 2020 13:25

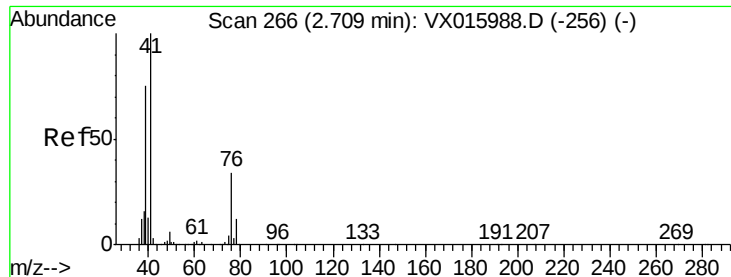
Tgt Ion: 76 Resp: 158697

Ion Ratio Lower Upper

76 100

78 8.8 7.7 11.5

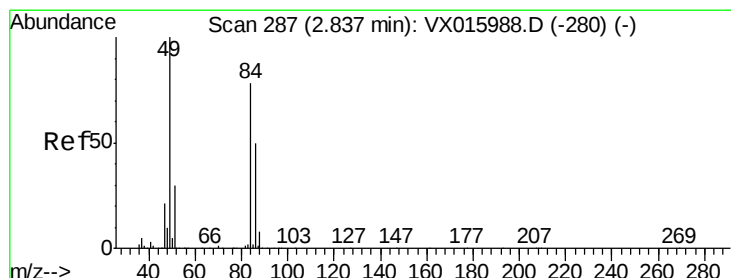
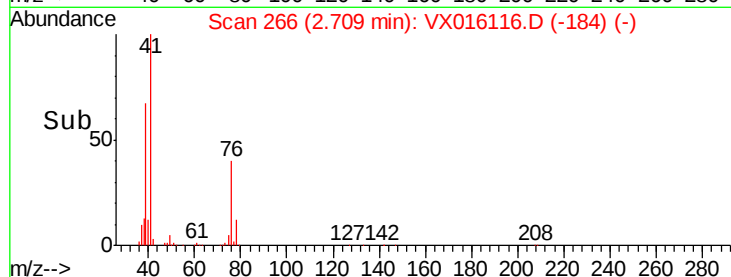
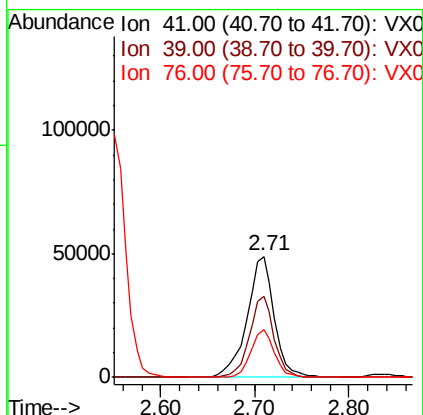
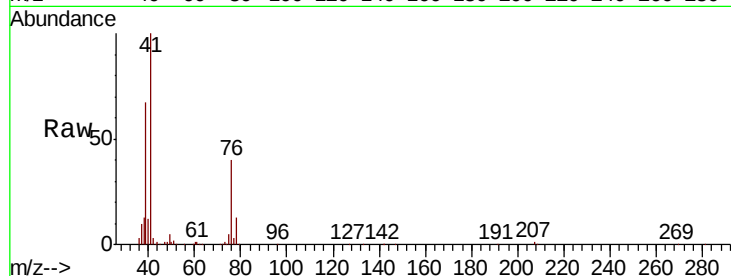




#17
Allvl chloride
Concen: 18.531 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX016116.D
Acq: 08 May 2020 13:25

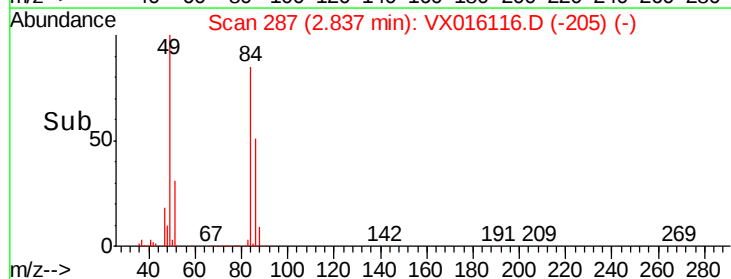
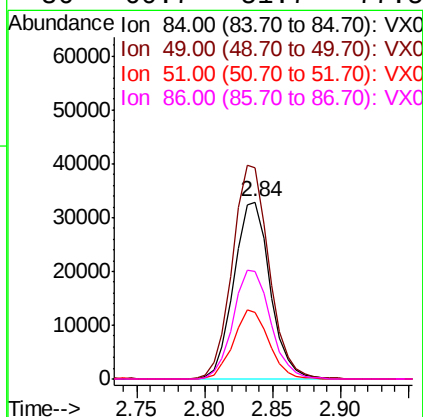
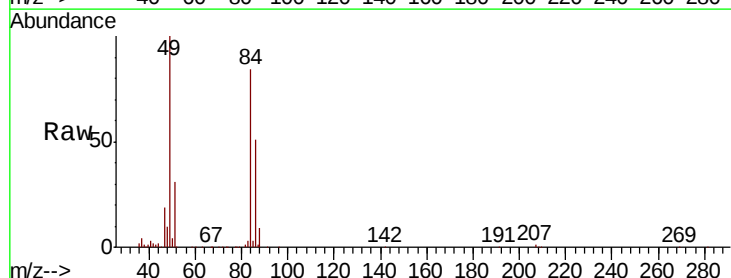
Instrument :
MSVOA_X
ClientSampleId :

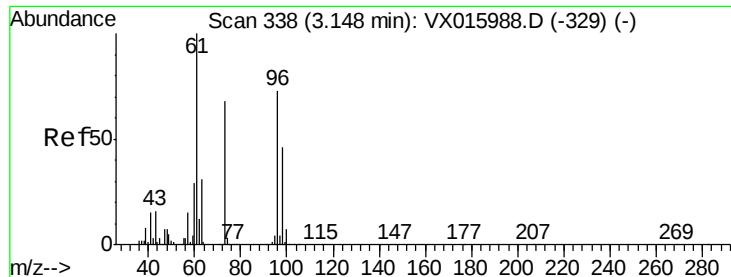
Tot Ion: 41 Resp: 98443
Ion Ratio Lower Upper
41 100
39 66.9 37.6 112.8
76 40.0 17.2 51.5



#18
Methylene Chloride
Concen: 19.123 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX016116.D
Acq: 08 May 2020 13:25

Tgt Ion: 84 Resp: 61348
Ion Ratio Lower Upper
84 100
49 118.9 103.0 154.4
51 37.2 31.4 47.0
86 60.7 51.7 77.5





#19

trans-1,2-Dichloroethene

Concen: 18.626 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.01 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

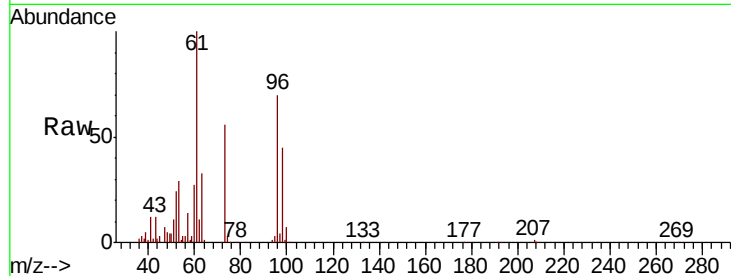
Tot Ion: 96 Resp: 58339

Ion Ratio Lower Upper

96 100

61 143.9 109.0 163.4

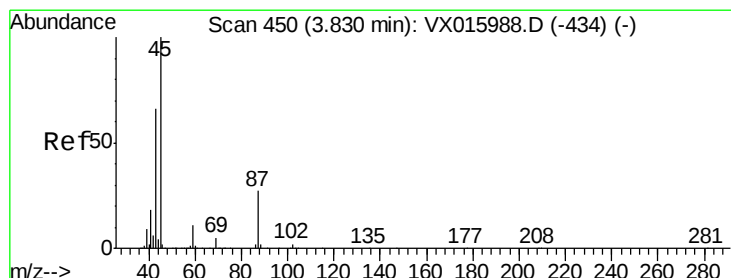
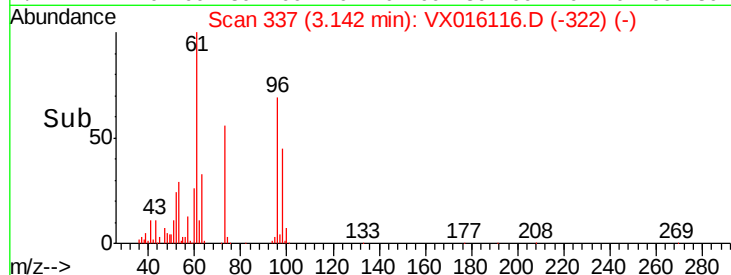
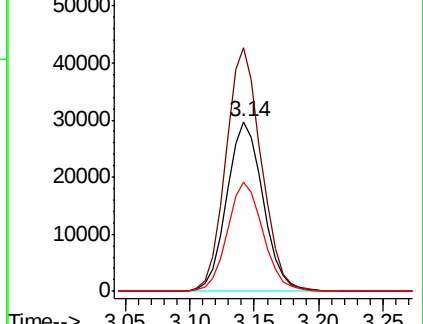
98 64.4 50.0 75.0



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



#20

Diisopropyl ether

Concen: 18.737 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

Tgt Ion: 45 Resp: 191918

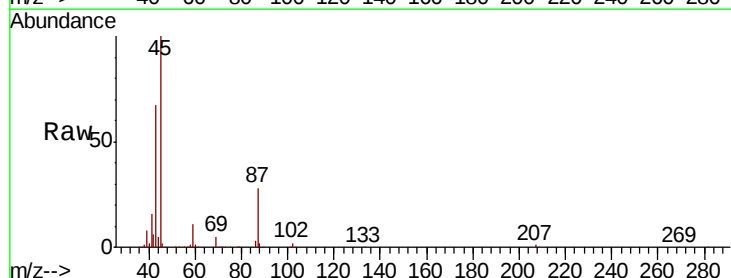
Ion Ratio Lower Upper

45 100

43 66.8 53.0 79.4

87 28.2 21.9 32.9

59 11.3 9.1 13.7

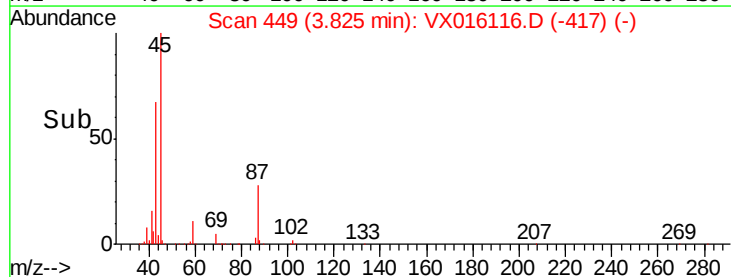
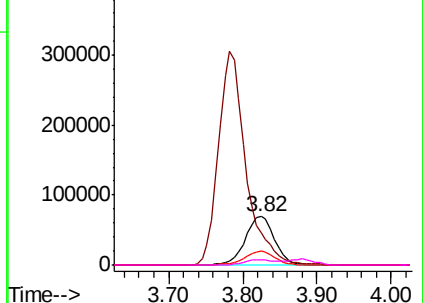


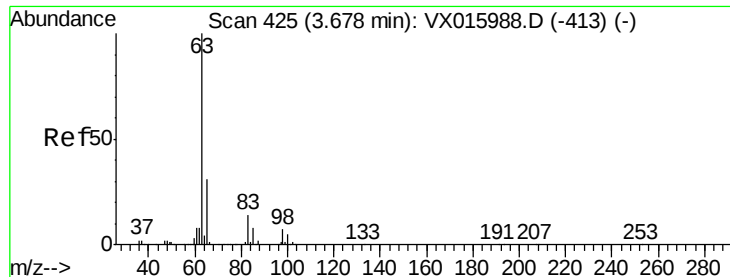
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 18.636 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016116.D

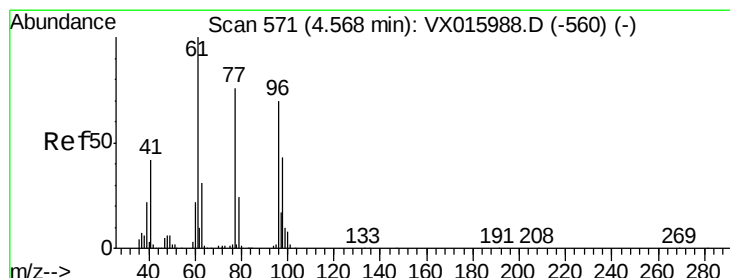
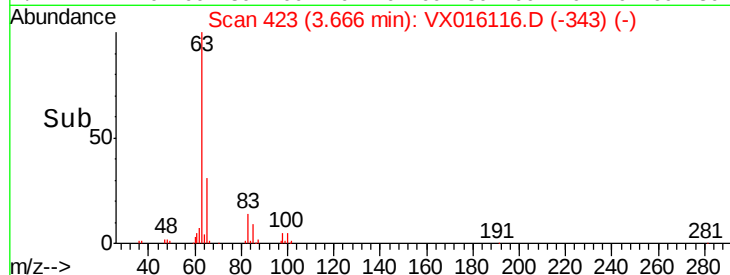
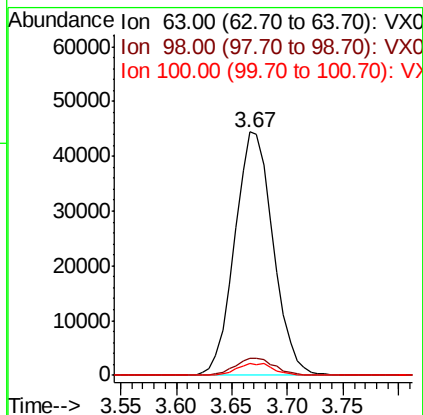
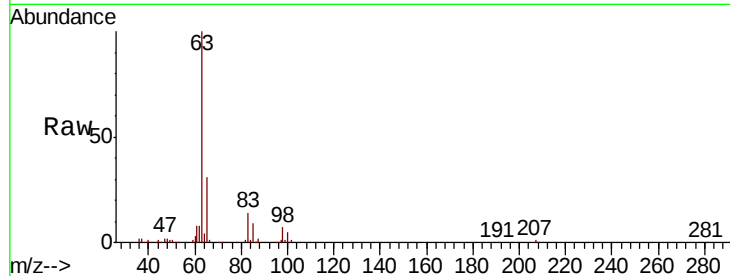
Acq: 08 May 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	63	Resp:	106437
Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.5	10.4
100	5.1	2.3	6.9



#22

cis-1,2-Dichloroethene

Concen: 18.604 ug/l

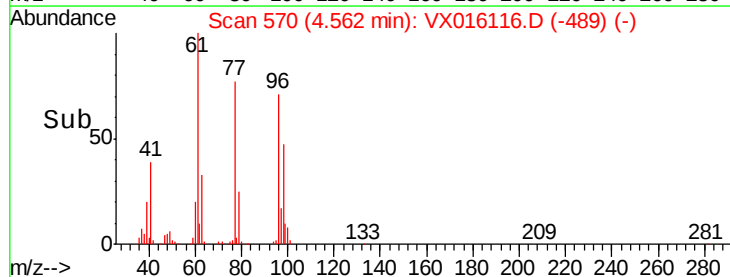
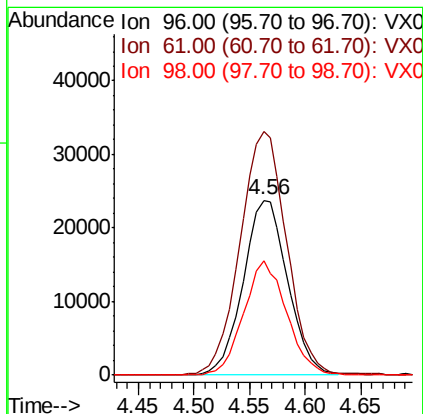
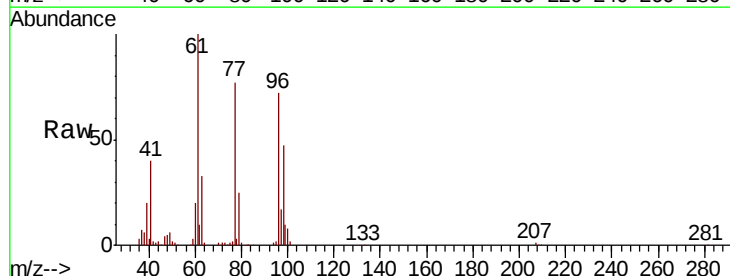
RT: 4.56 min Scan# 570

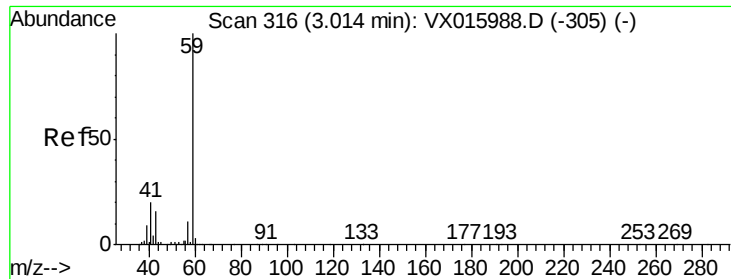
Delta R.T. -0.01 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

Tgt Ion:	96	Resp:	66129
Ion	Ratio	Lower	Upper
96	100		
61	145.5	121.6	182.4
98	63.2	51.9	77.9

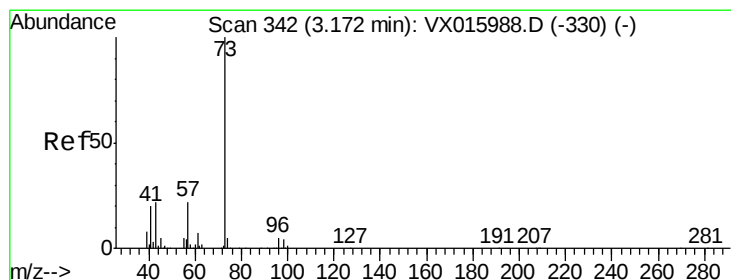
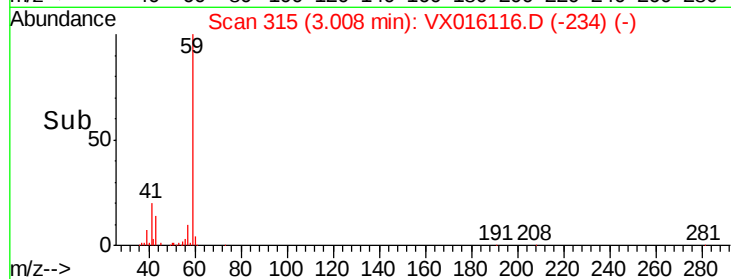
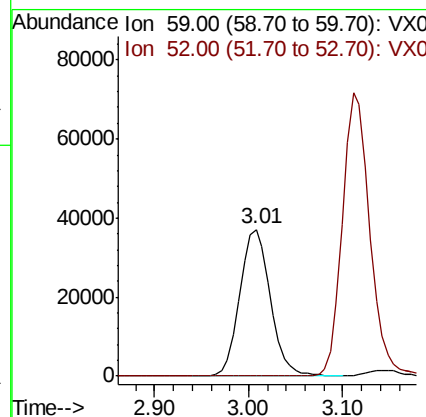
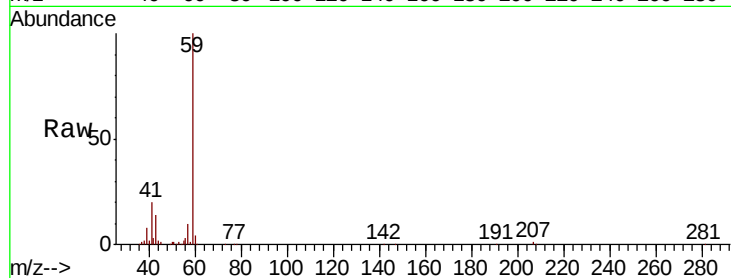




#23
tert-Butyl Alcohol
Concen: 93.060 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016116.D
Acq: 08 May 2020 13:25

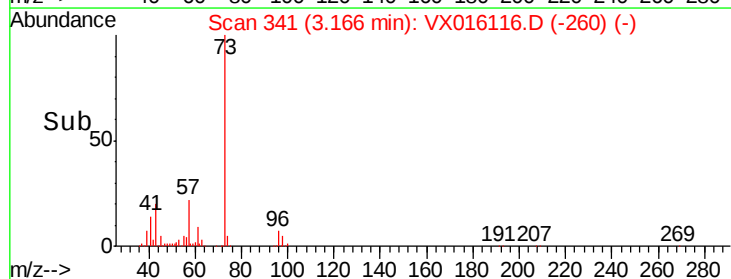
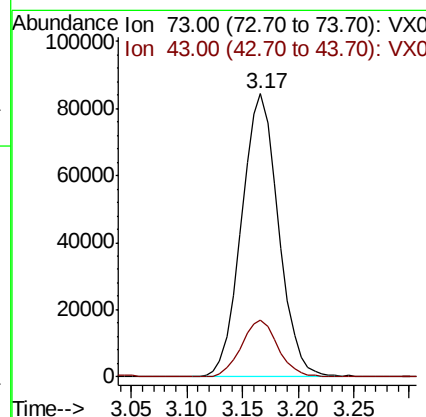
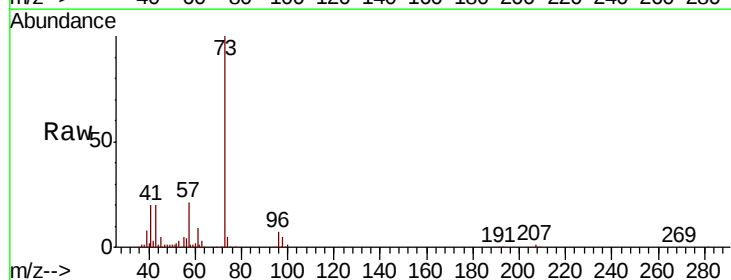
Instrument :
MSVOA_X
ClientSampleId :

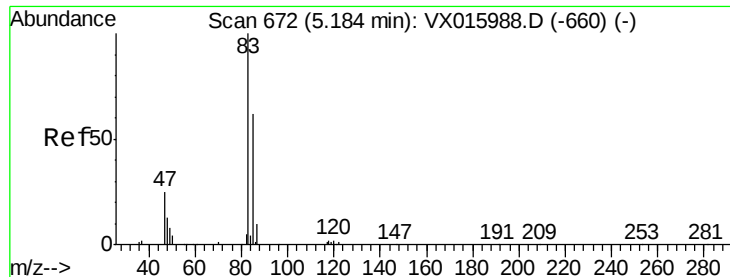
Tot Ion: 59 Resp: 84131
Ion Ratio Lower Upper
59 100
52 0.1 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 18.817 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX016116.D
Acq: 08 May 2020 13:25

Tgt Ion: 73 Resp: 193515
Ion Ratio Lower Upper
73 100
43 19.6 17.8 26.6





#25

Chloroform

Concen: 18.214 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

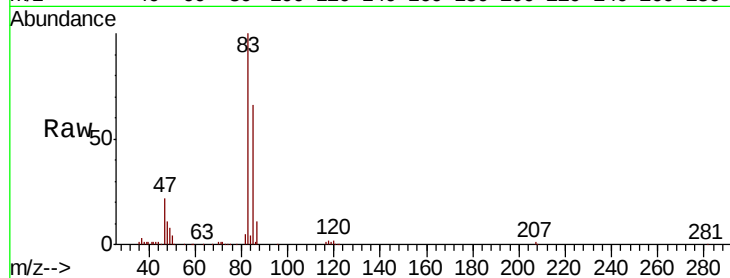
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 105649

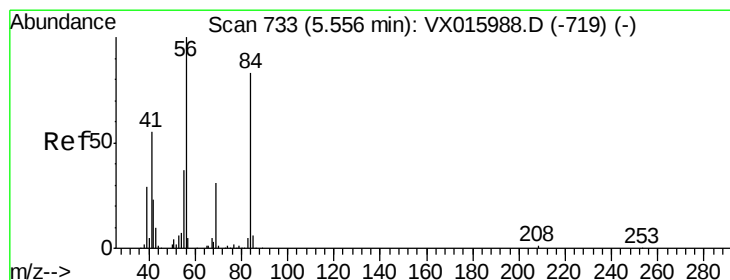
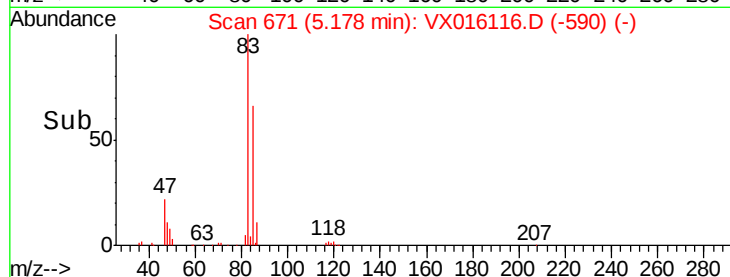
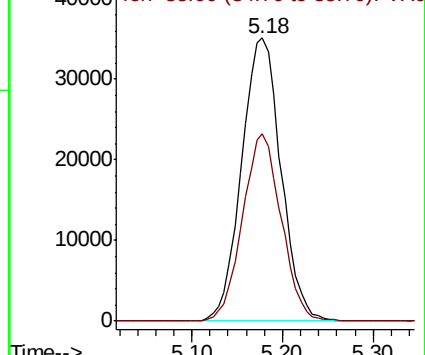
Ion Ratio Lower Upper

83 100

85 66.2 49.6 74.4



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 18.589 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

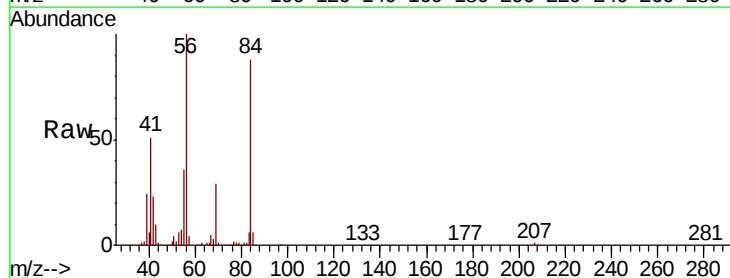
Tgt Ion: 56 Resp: 97083

Ion Ratio Lower Upper

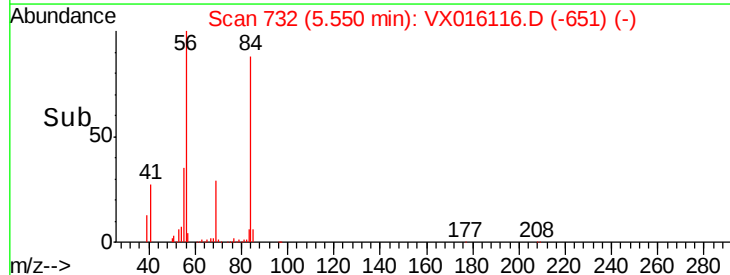
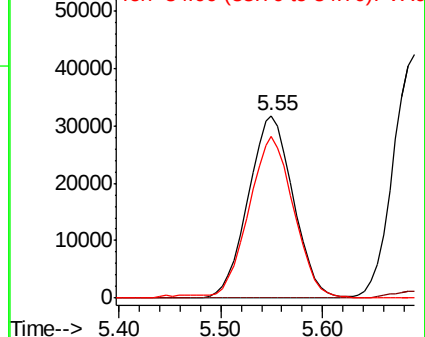
56 100

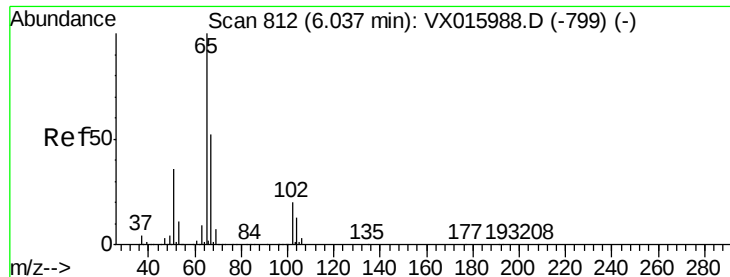
89 0.0 0.1 0.1#

84 87.5 70.1 105.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 89.00 (88.70 to 89.70): VX0
Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 29.024 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

Instrument :

MSVOA_X

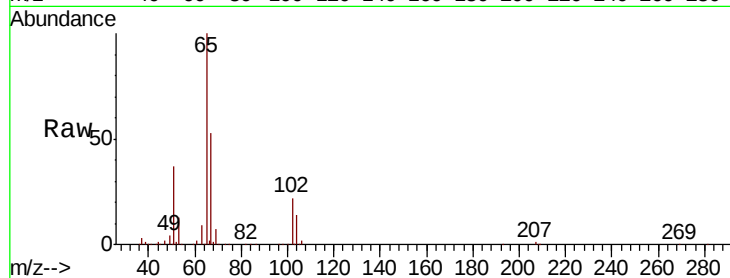
ClientSampleId :

Tot Ion: 65 Resp: 111634

Ion Ratio Lower Upper

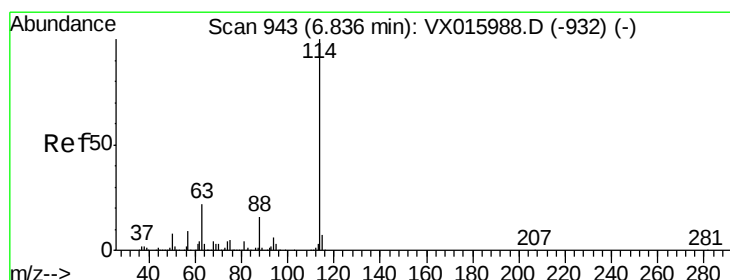
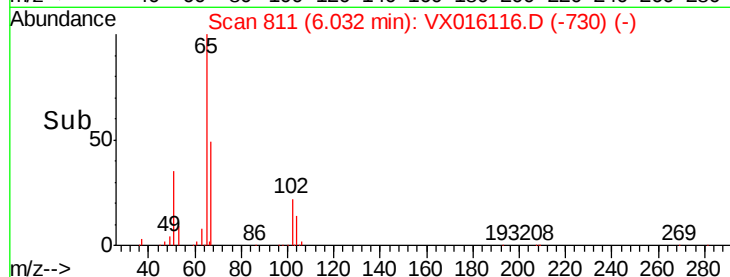
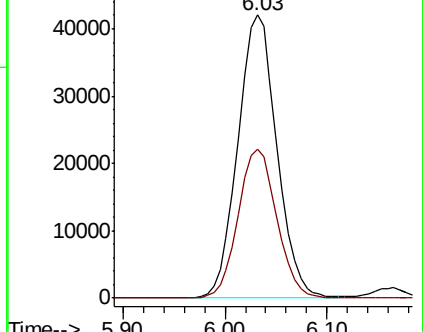
65 100

67 52.1 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: VX016116.D

Acq: 08 May 2020 13:25

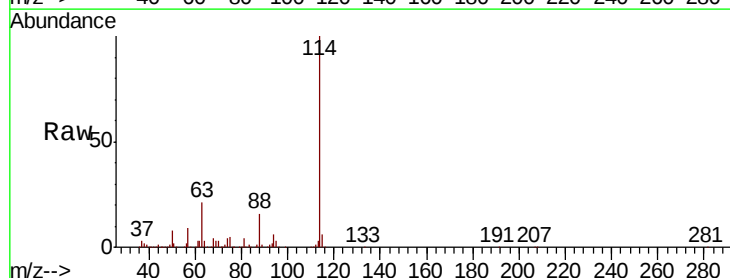
Tgt Ion: 114 Resp: 278284

Ion Ratio Lower Upper

114 100

63 20.7 17.1 25.7

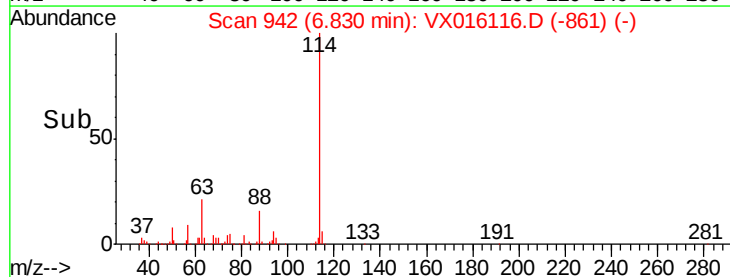
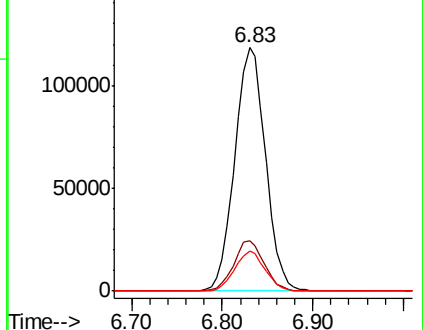
88 16.2 13.0 19.4

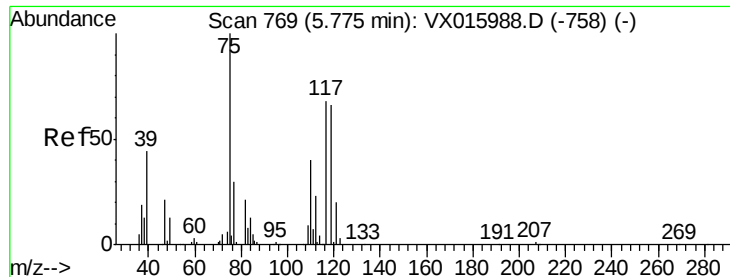


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 18.465 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

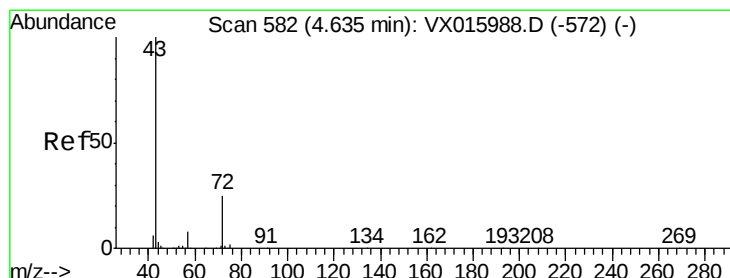
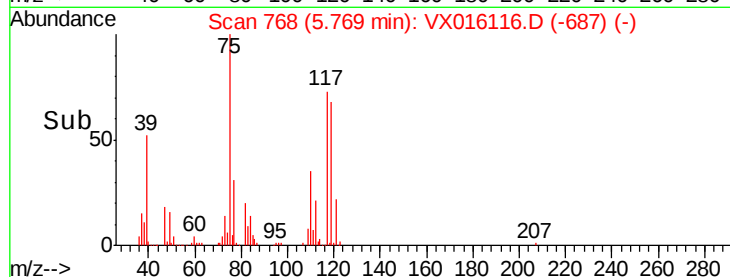
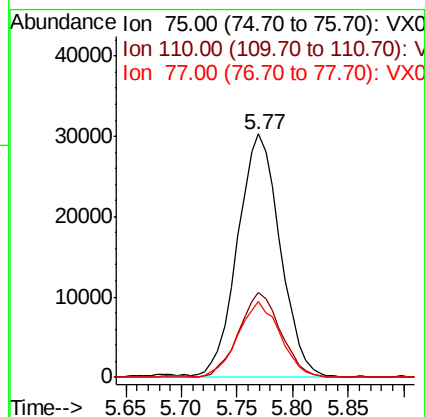
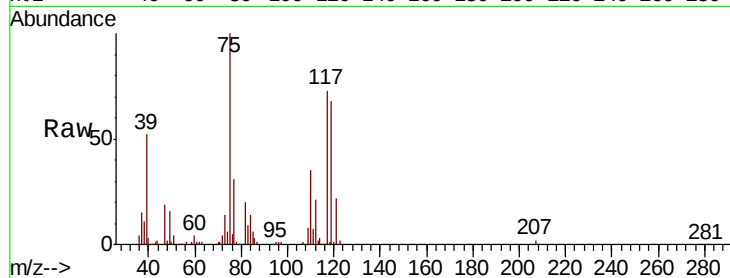
Tot Ion: 75 Resp: 80817

Ion Ratio Lower Upper

75 100

110 34.3 0.0 71.0

77 31.1 0.0 64.2



#30

2-Butanone

Concen: 94.365 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

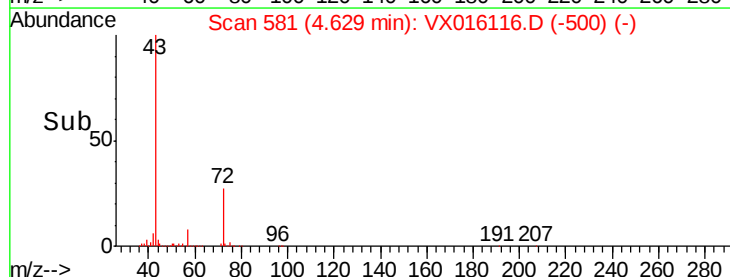
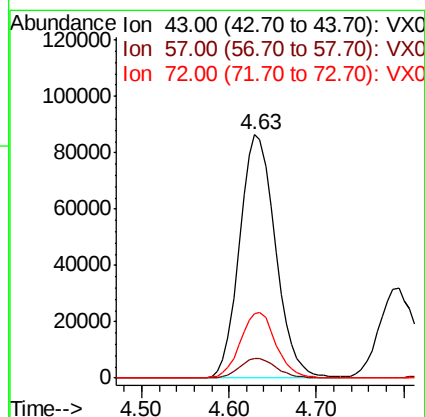
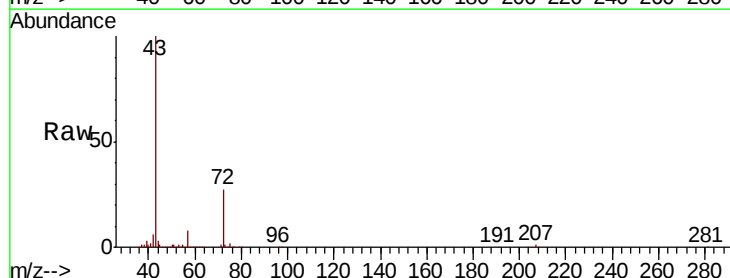
Tgt Ion: 43 Resp: 246098

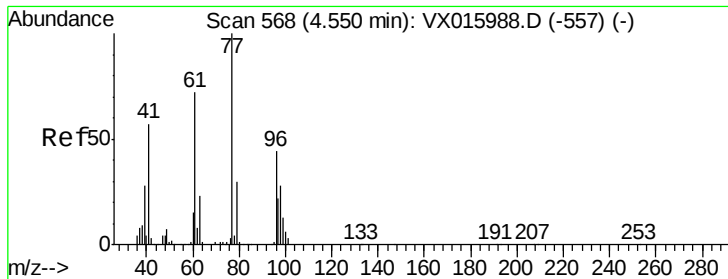
Ion Ratio Lower Upper

43 100

57 8.4 6.3 9.5

72 26.8 20.8 31.2





#31

2,2-Dichloropropane

Concen: 17.742 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

Instrument :

MSVOA_X

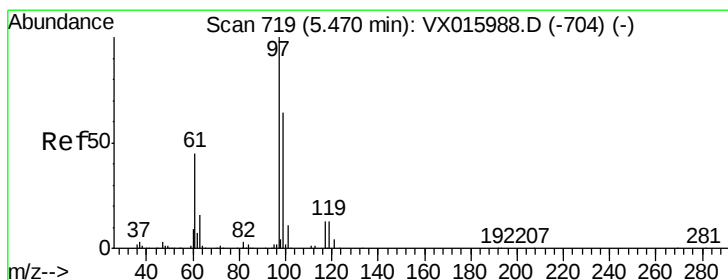
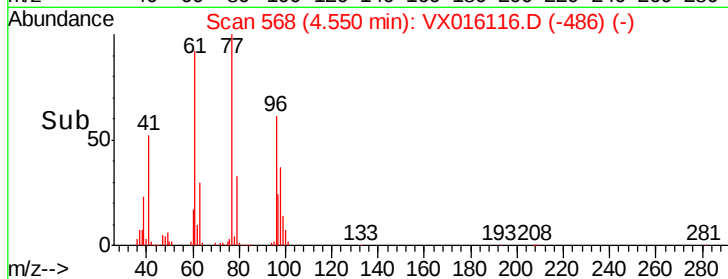
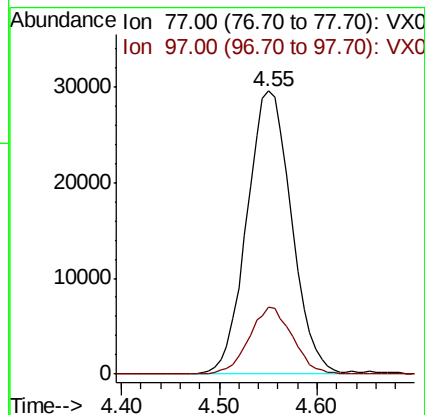
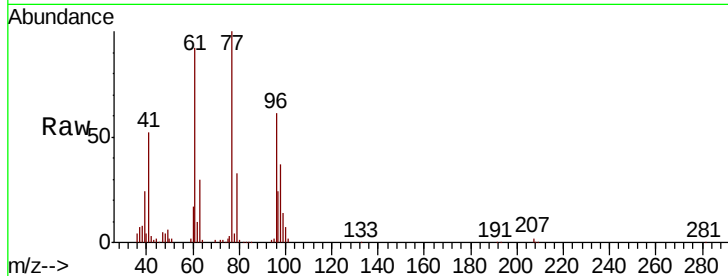
ClientSampleId :

Tot Ion: 77 Resp: 93453

Ion Ratio Lower Upper

77 100

97 23.1 17.8 26.8



#32

1,1,1-Trichloroethane

Concen: 17.623 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

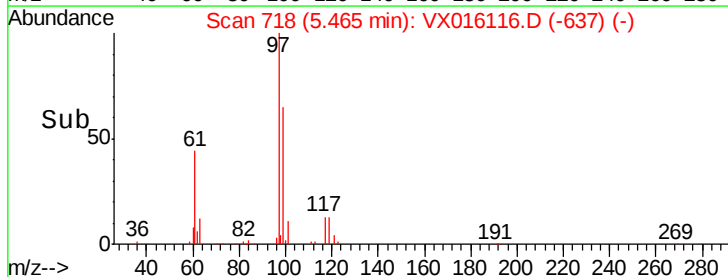
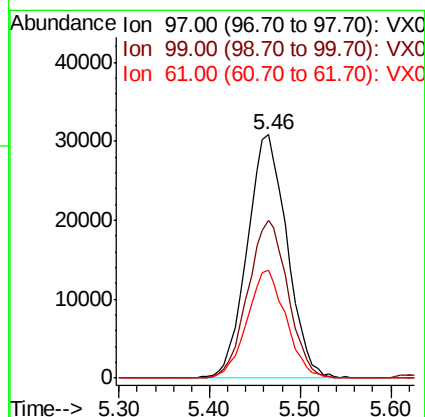
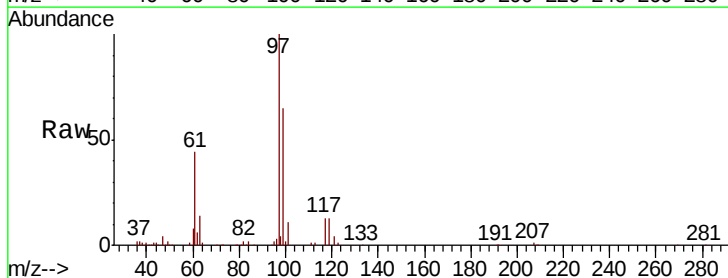
Tgt Ion: 97 Resp: 93569

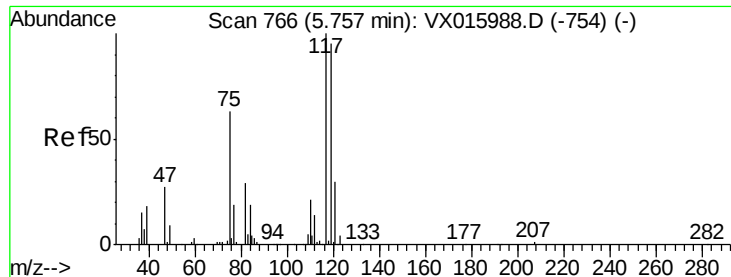
Ion Ratio Lower Upper

97 100

99 65.0 50.7 76.1

61 43.5 35.9 53.9





#33

Carbon Tetrachloride

Concen: 17.624 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.00 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

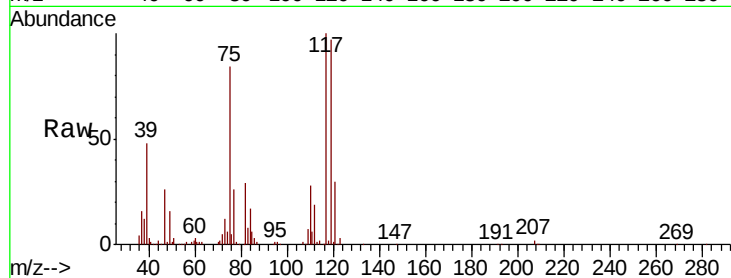
Tot Ion:117 Resp: 83316

Ion Ratio Lower Upper

117 100

119 96.5 76.3 114.5

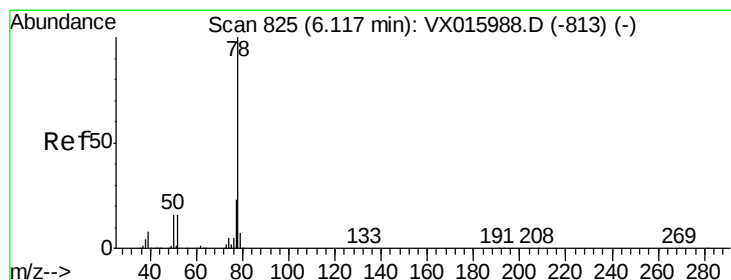
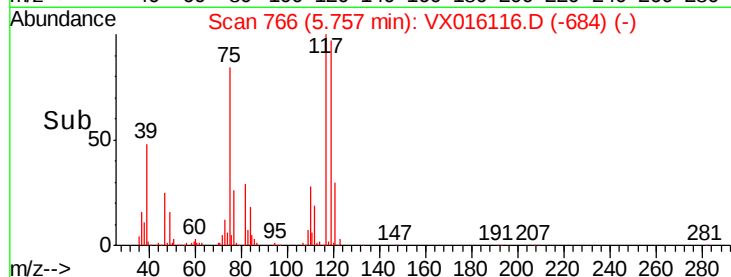
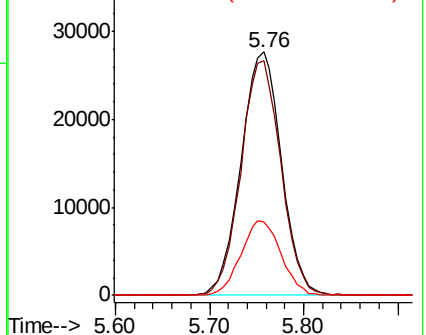
121 30.0 24.2 36.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 18.815 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

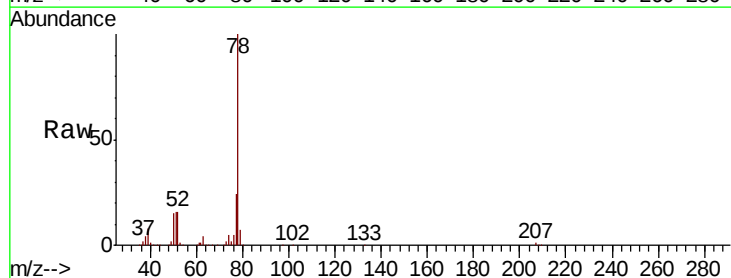
Tgt Ion: 78 Resp: 240527

Ion Ratio Lower Upper

78 100

77 23.7 18.7 28.1

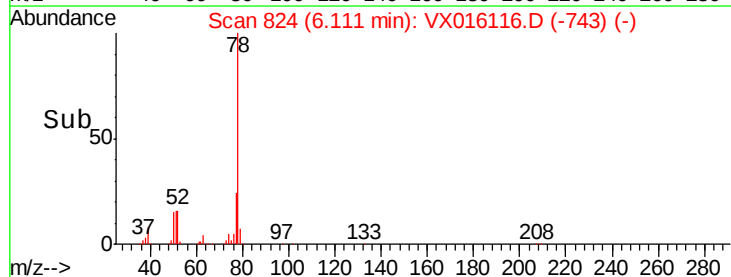
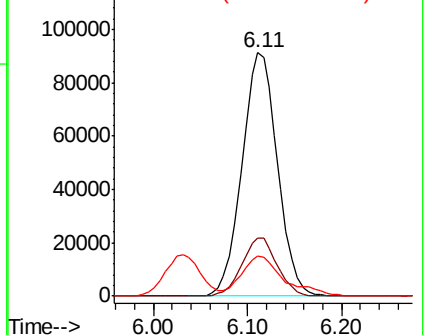
51 15.8 12.7 19.1

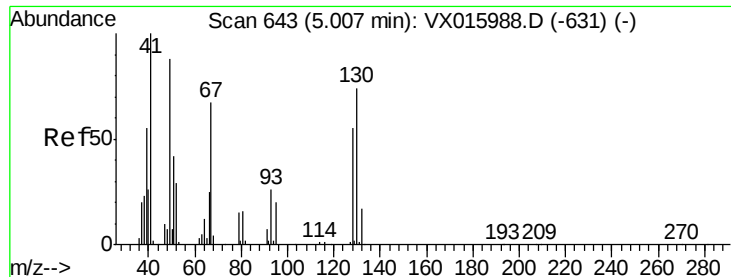


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

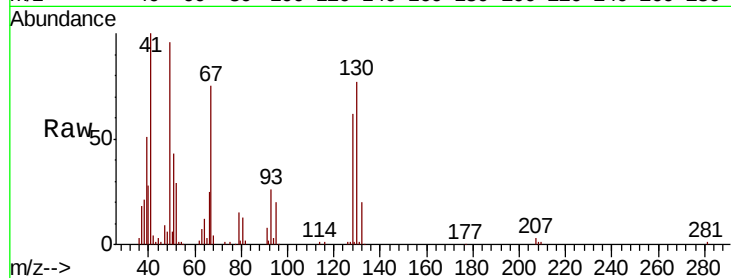




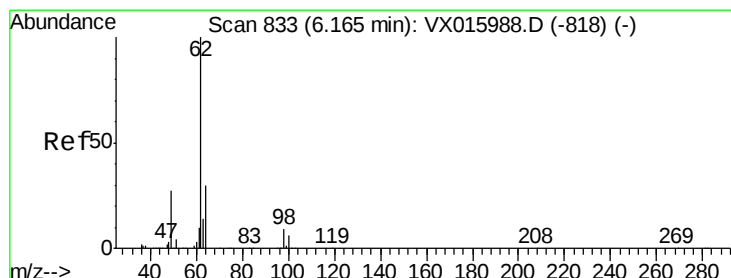
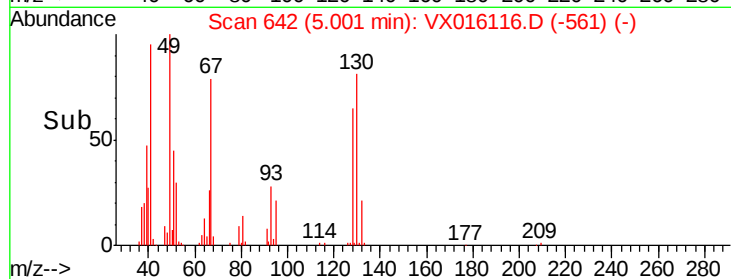
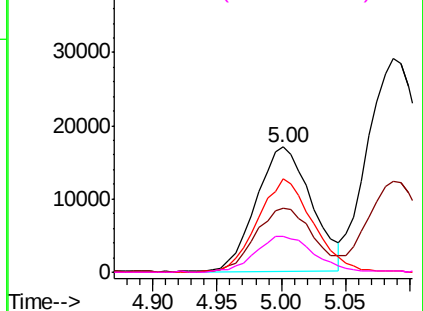
#35
Methacrylonitrile
Concen: 18.432 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016116.D
Acq: 08 May 2020 13:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	51050
Ion	Ratio	Lower	Upper
41	100		
39	50.7	27.5	82.4
67	75.7	33.6	100.6
52	28.6	14.5	43.5

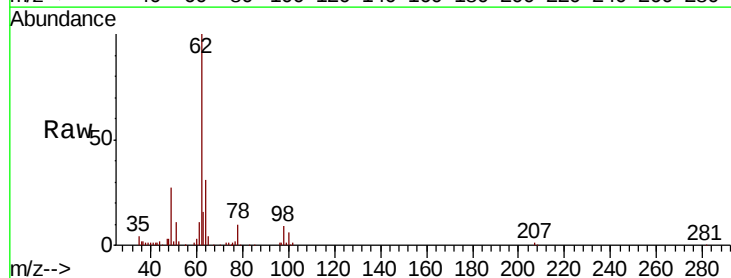


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

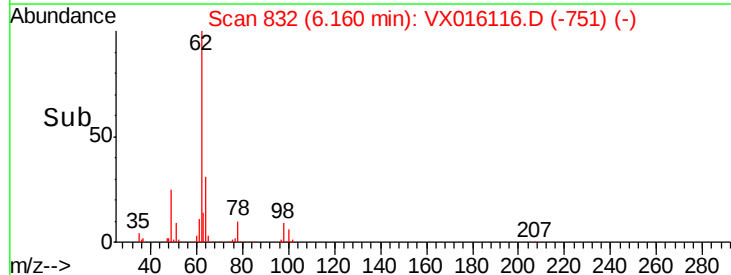
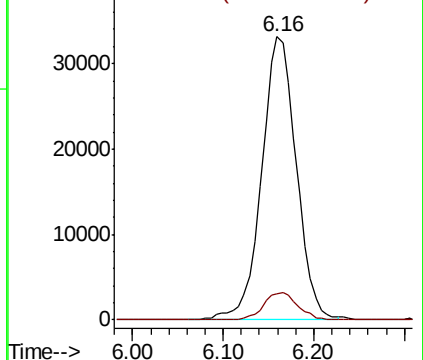


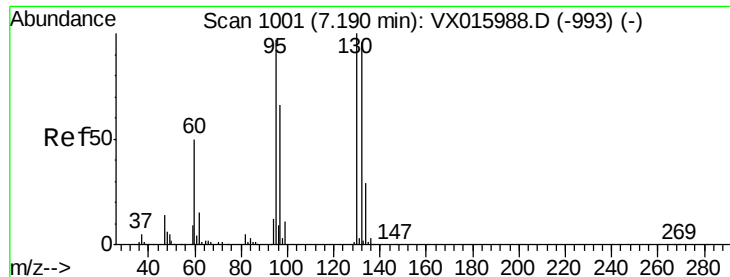
#36
1,2-Dichloroethane
Concen: 17.955 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016116.D
Acq: 08 May 2020 13:25

Tgt Ion:	62	Resp:	87656
Ion	Ratio	Lower	Upper
62	100		
98	9.5	7.4	11.2



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

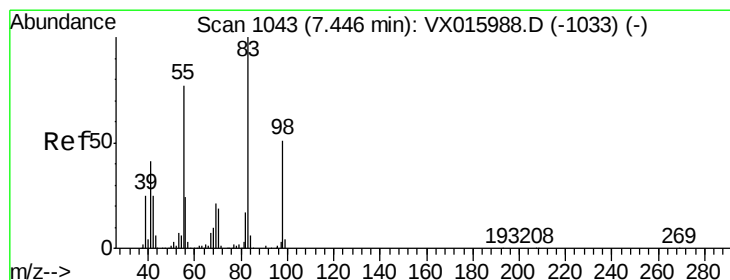
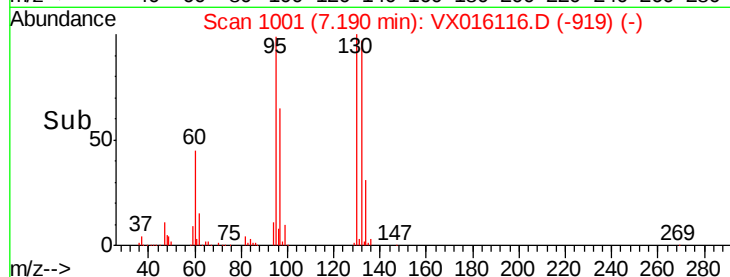
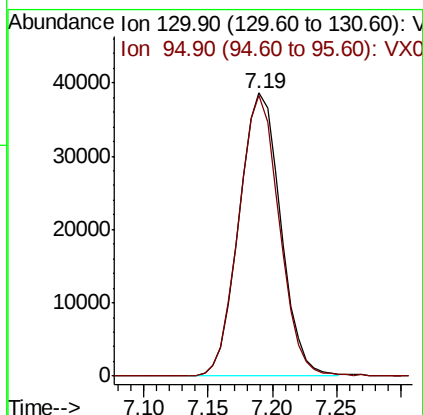
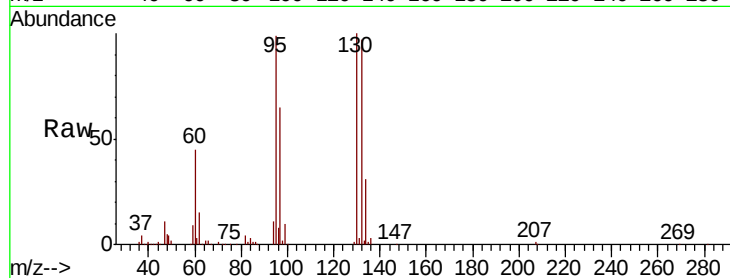




#37
 Trichloroethene
 Concen: 18.937 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016116.D
 Acq: 08 May 2020 13:25

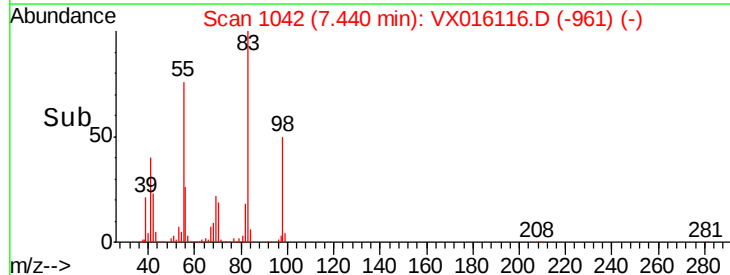
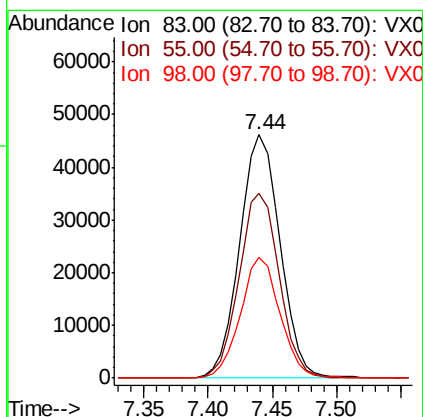
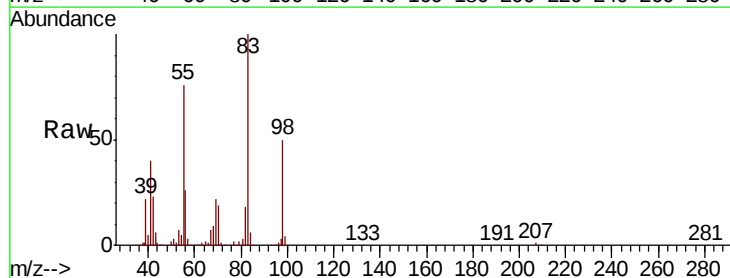
Instrument :
 MSVOA_X
 ClientSampleId :

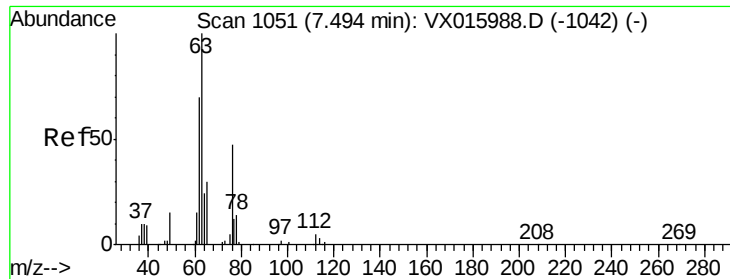
Tot Ion:130 Resp: 86123
 Ion Ratio Lower Upper
 130 100
 95 99.2 77.8 116.8



#38
 Methylcyclohexane
 Concen: 18.811 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX016116.D
 Acq: 08 May 2020 13:25

Tgt Ion: 83 Resp: 100612
 Ion Ratio Lower Upper
 83 100
 55 75.5 38.8 116.4
 98 48.6 25.1 75.3

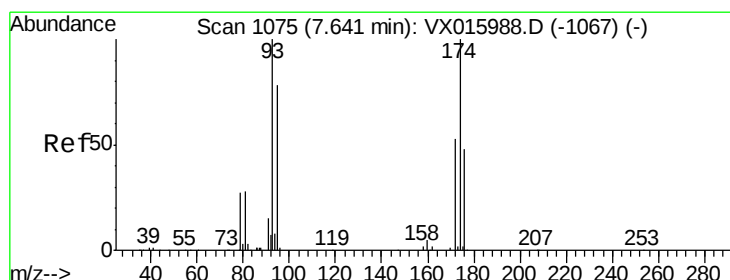
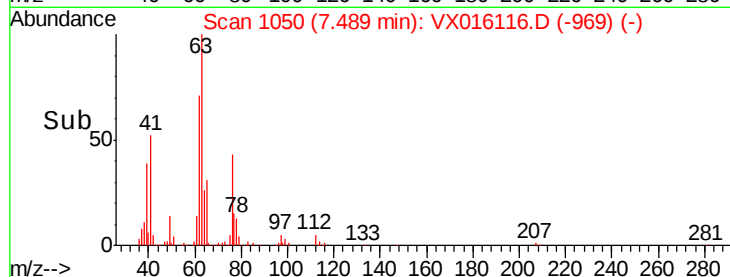
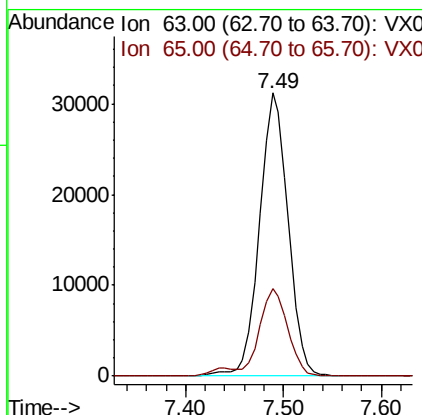
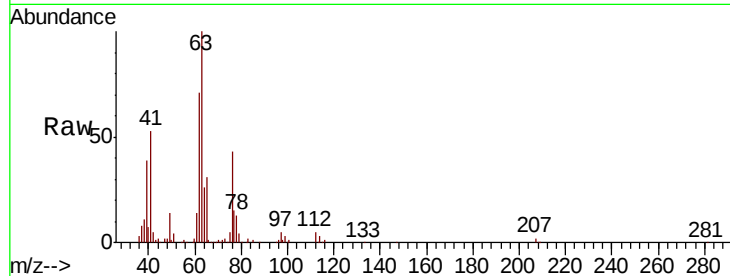




#39
 1,2-Dichloropropane
 Concen: 19.292 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX016116.D
 Acq: 08 May 2020 13:25

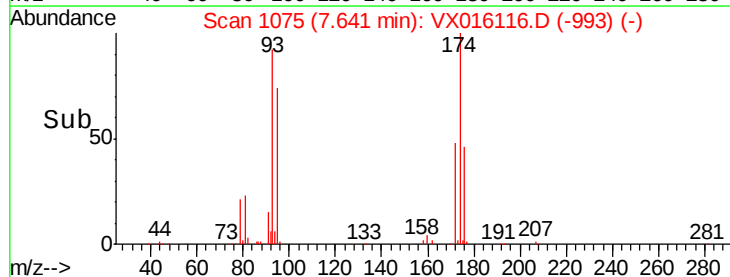
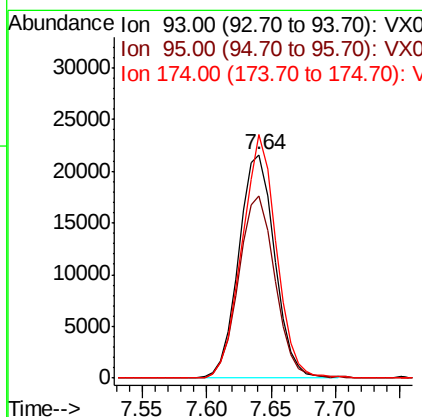
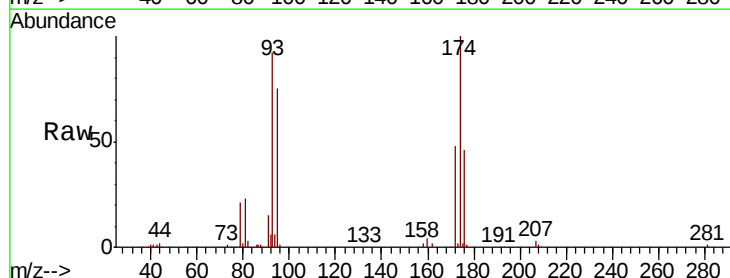
Instrument :
 MSVOA_X
 ClientSampleId :

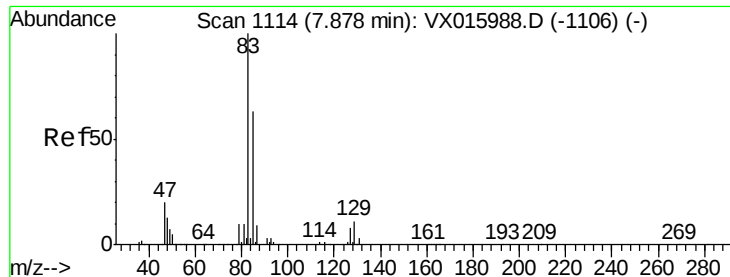
Tot Ion: 63 Resp: 63308
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.9 38.9



#40
 Dibromomethane
 Concen: 18.391 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX016116.D
 Acq: 08 May 2020 13:25

Tgt Ion: 93 Resp: 41908
 Ion Ratio Lower Upper
 93 100
 95 82.0 0.0 162.8
 174 103.8 0.0 204.0





#41

Bromodichloromethane

Concen: 17.992 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

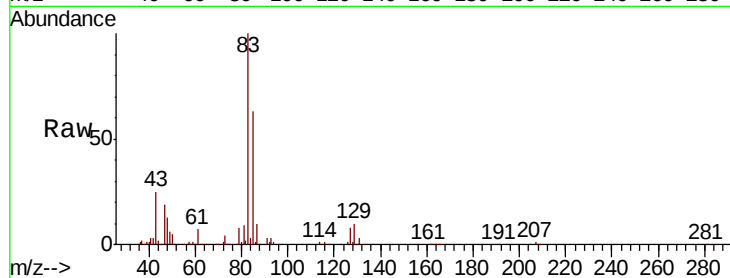
Tot Ion: 83 Resp: 84517

Ion Ratio Lower Upper

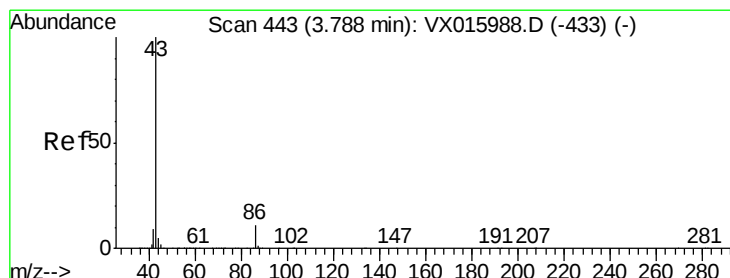
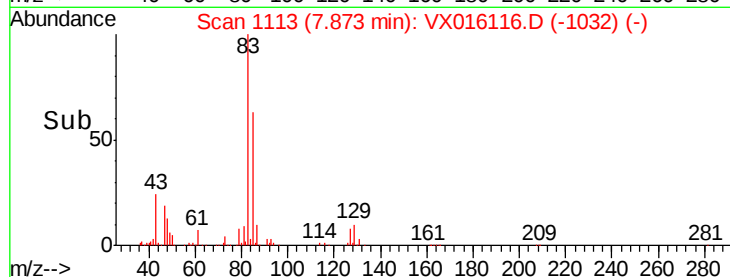
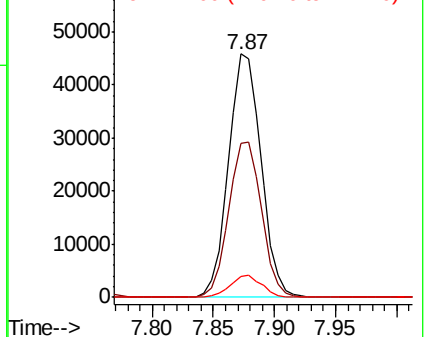
83 100

85 63.4 50.4 75.6

127 8.4 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: 90.733 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016116.D

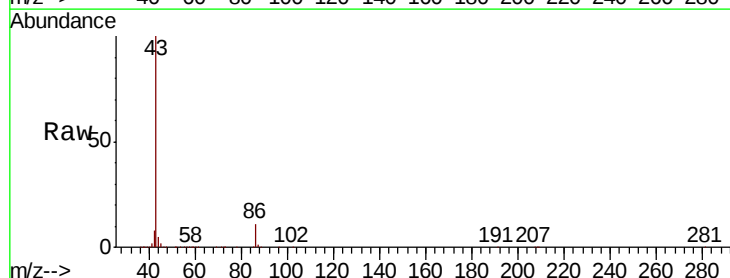
Acq: 08 May 2020 13:25

Tgt Ion: 43 Resp: 782844

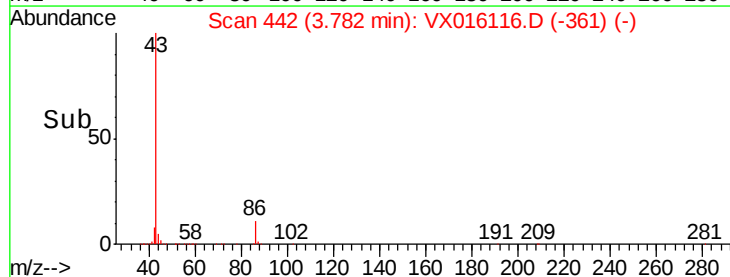
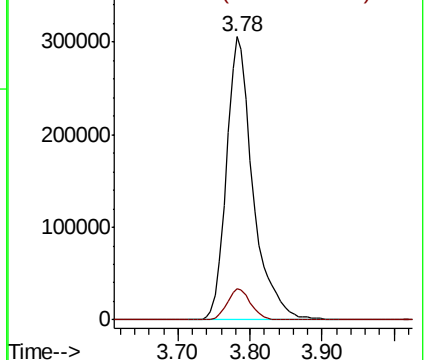
Ion Ratio Lower Upper

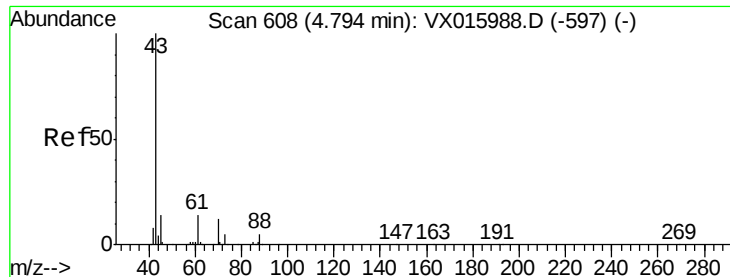
43 100

86 9.8 7.7 11.5



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

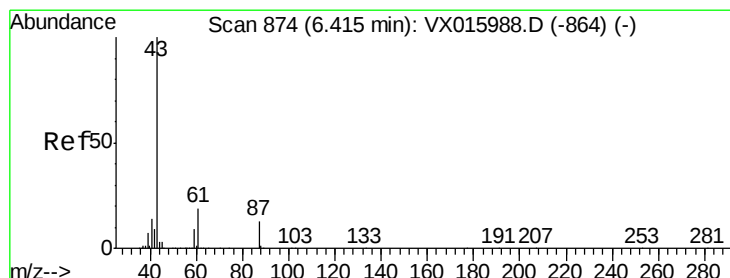
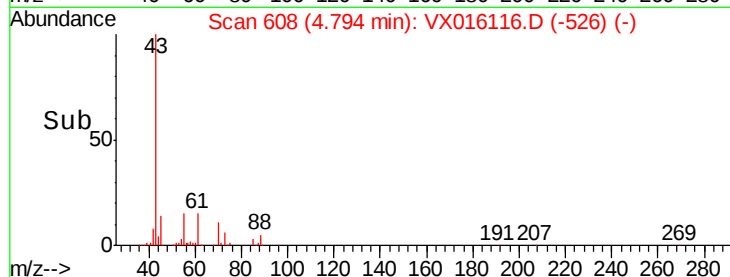
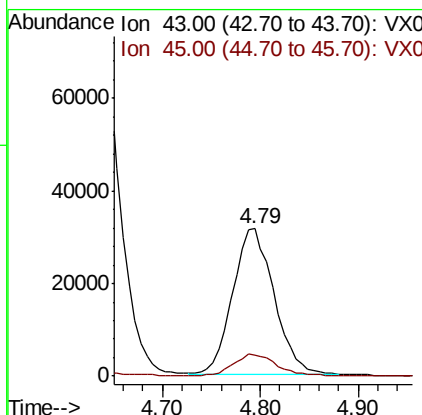
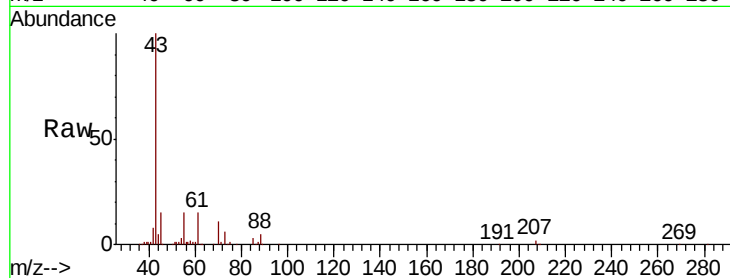




#43
Ethyl Acetate
Concen: 17.991 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016116.D
Acq: 08 May 2020 13:25

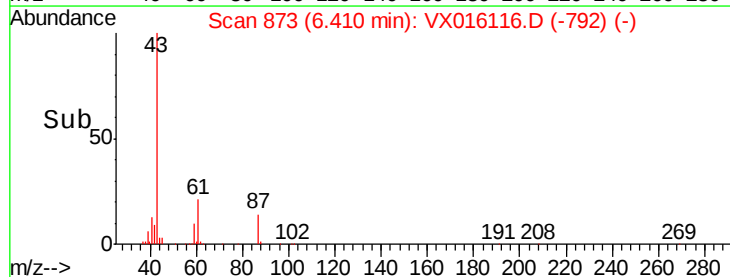
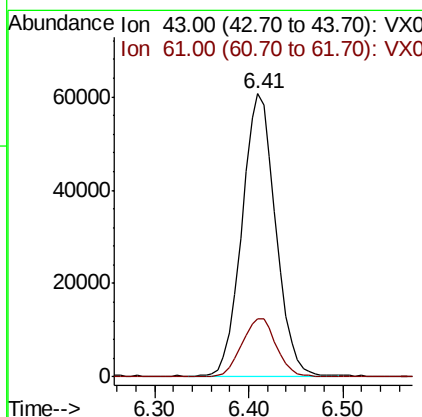
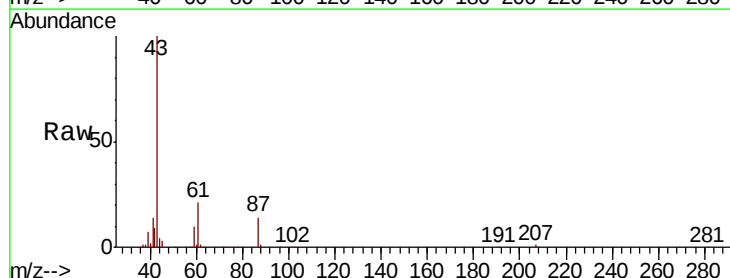
Instrument :
MSVOA_X
ClientSampleId :

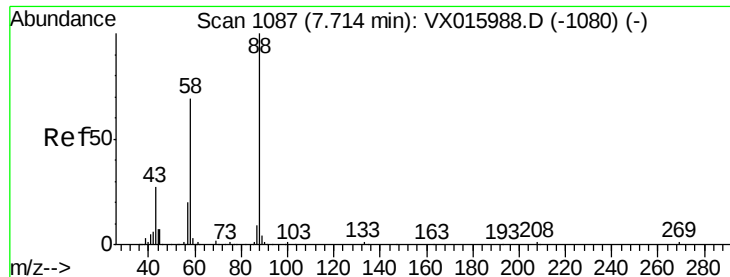
Tot Ion: 43 Resp: 92553
Ion Ratio Lower Upper
43 100
45 14.9 11.9 17.9



#44
Isopropyl Acetate
Concen: 18.116 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX016116.D
Acq: 08 May 2020 13:25

Tgt Ion: 43 Resp: 151236
Ion Ratio Lower Upper
43 100
61 21.5 16.1 24.1





#45

1,4-Dioxane

Concen: 384.673 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

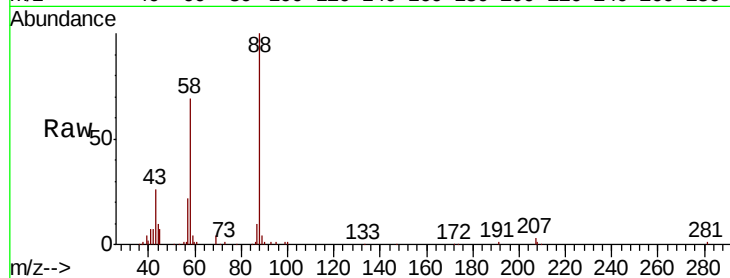
Tot Ion: 88 Resp: 33921

Ion Ratio Lower Upper

88 100

43 31.3 26.3 39.5

58 71.5 57.0 85.6

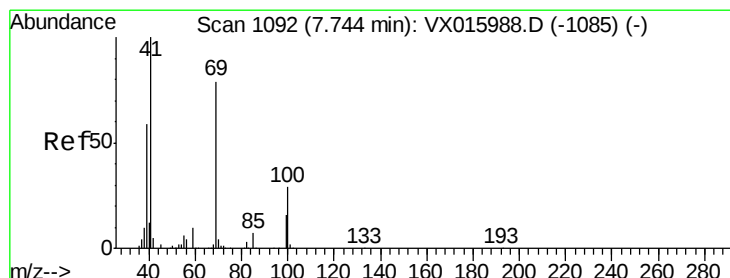
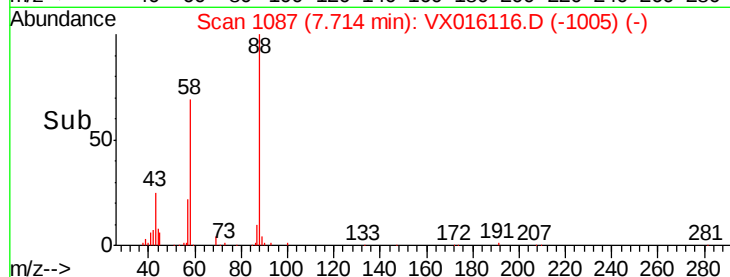
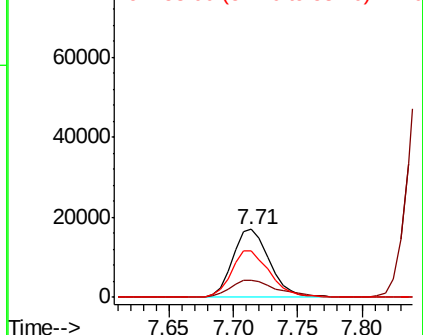


Abundance

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: 17.867 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

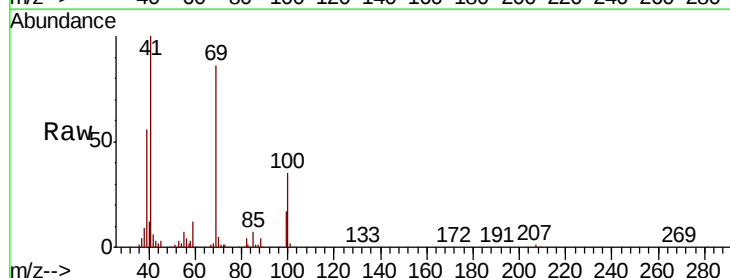
Tgt Ion: 41 Resp: 70712

Ion Ratio Lower Upper

41 100

69 86.6 39.5 118.5

39 55.4 29.6 88.9

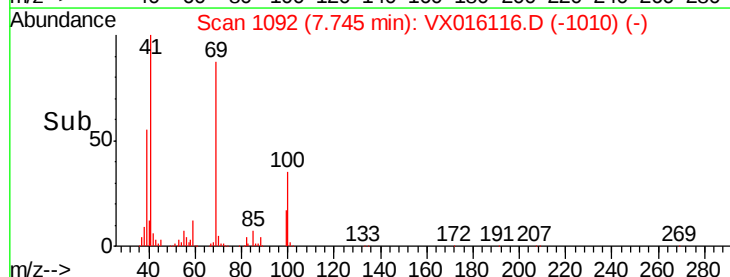
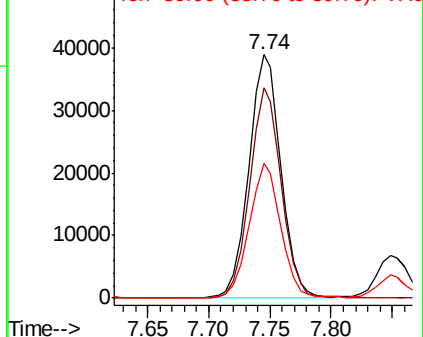


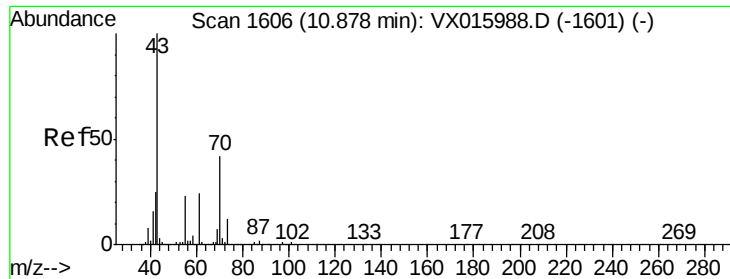
Abundance

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: 16.983 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

Instrument :

MSVOA_X

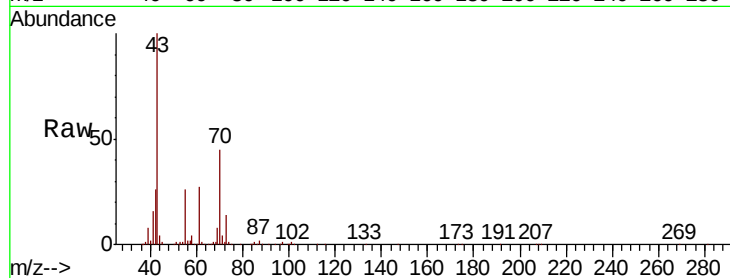
ClientSampleId :

Tot Ion: 43 Resp: 123972

Ion Ratio Lower Upper

43 100

55 25.9 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

120000

100000

80000

60000

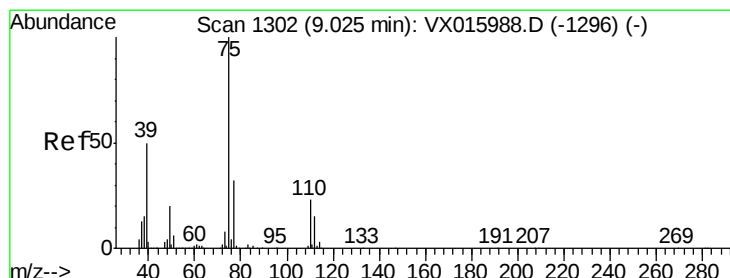
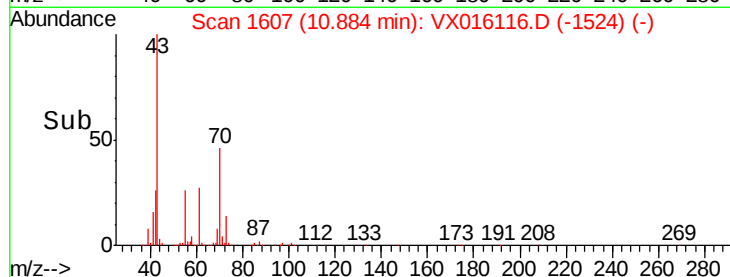
40000

20000

0

10.85 10.88 10.90 10.95

Time-->



#48

t-1,3-Dichloropropene

Concen: 18.454 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016116.D

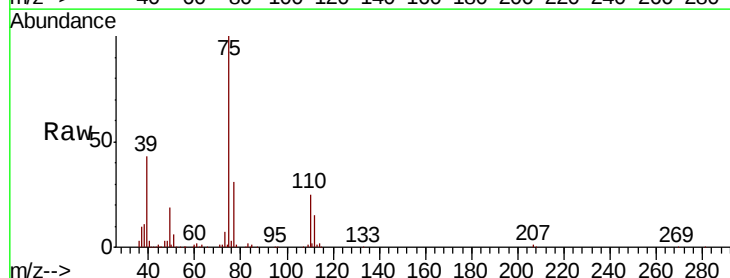
Acq: 08 May 2020 13:25

Tgt Ion: 75 Resp: 100666

Ion Ratio Lower Upper

75 100

77 30.9 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

80000

60000

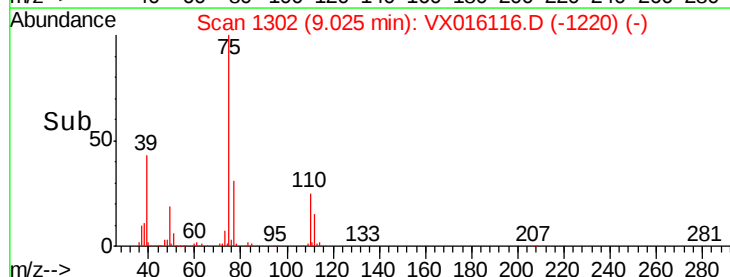
40000

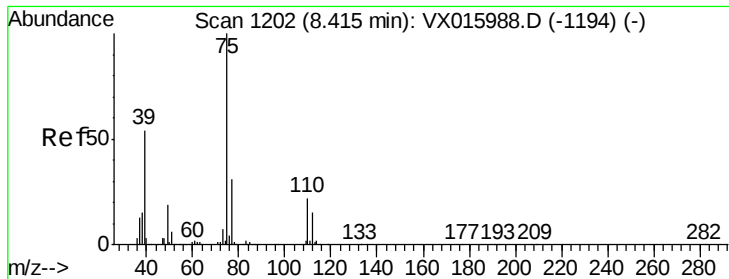
20000

0

8.95 9.00 9.02 9.05 9.10

Time-->



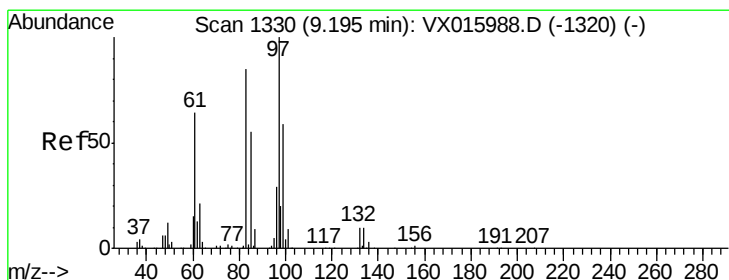
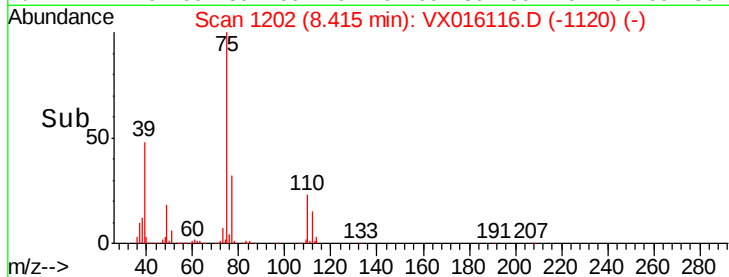
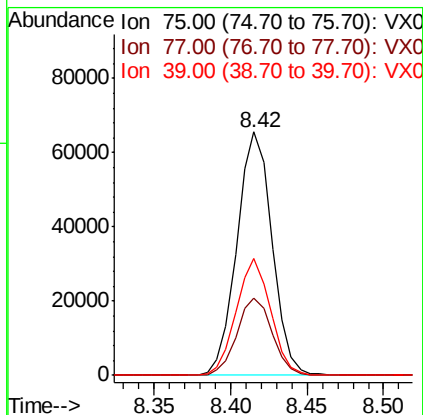
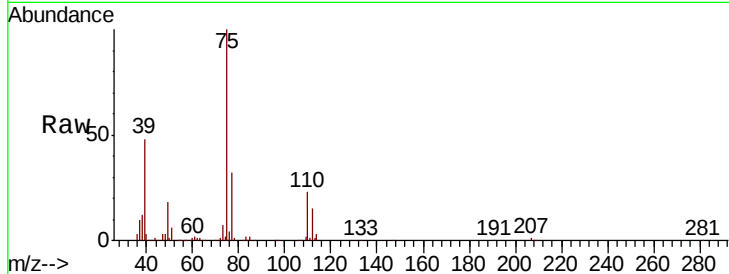


#49

cis-1,3-Dichloropropene
 Concen: 18.621 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX016116.D
 Acq: 08 May 2020 13:25

Instrument :
 MSVOA_X
 ClientSampleId :

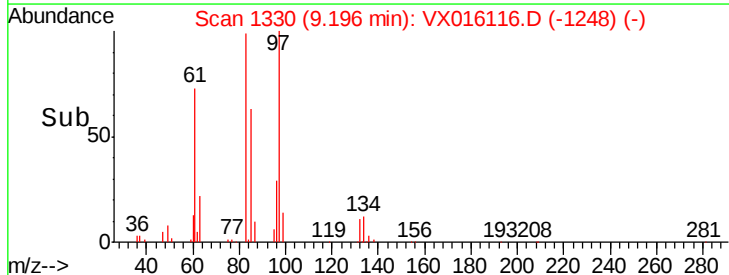
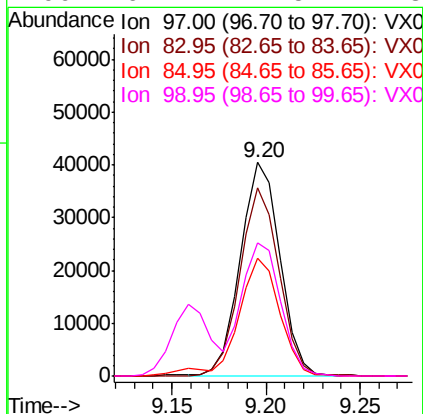
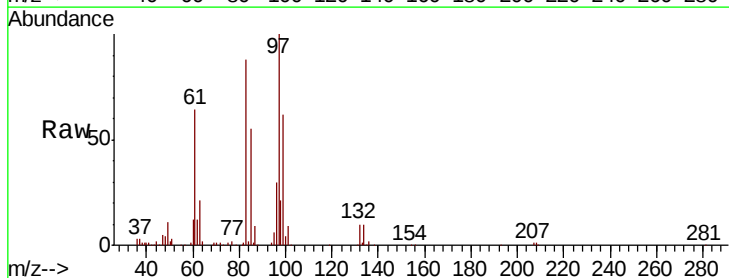
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.0	37.6
39	48.0	43.2	64.8

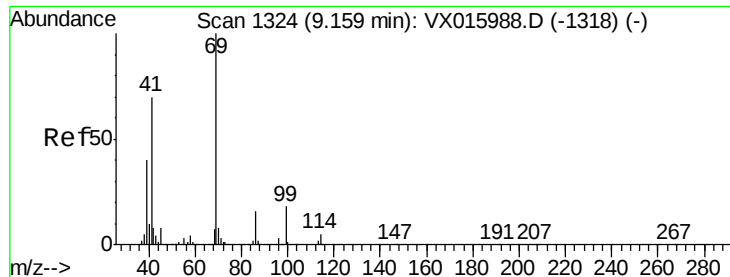


#50

1,1,2-Trichloroethane
 Concen: 18.312 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016116.D
 Acq: 08 May 2020 13:25

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.9	67.7	101.5
85	55.0	43.7	65.5
99	62.2	47.5	71.3





#51

Ethyl methacrylate

Concen: 18.449 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

Instrument :
MSVOA_X
ClientSampleId :

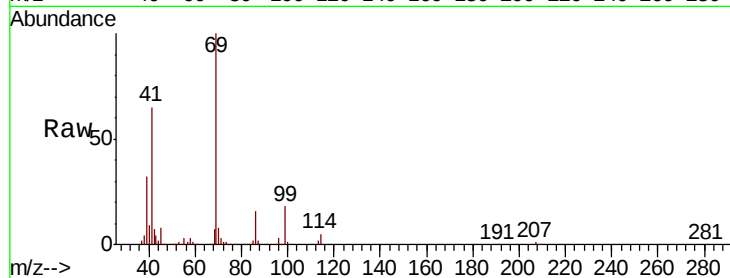
Tot Ion: 69 Resp: 97824

Ion Ratio Lower Upper

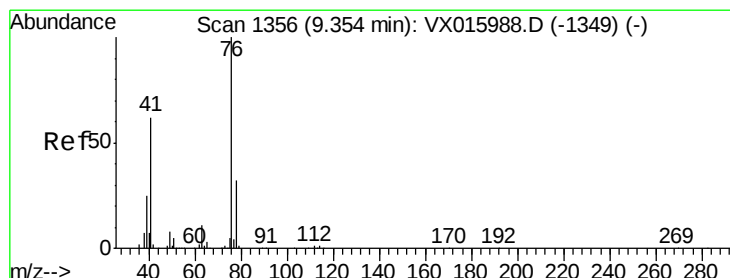
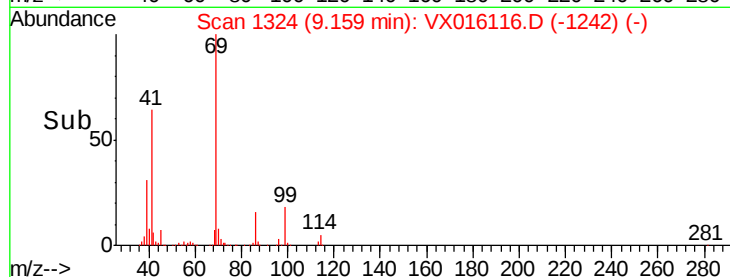
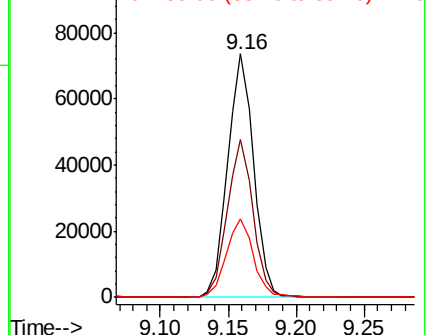
69 100

41 64.6 34.8 104.4

39 31.9 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: 19.071 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016116.D

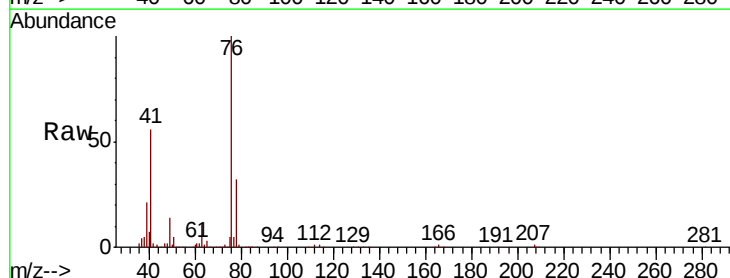
Acq: 08 May 2020 13:25

Tgt Ion: 76 Resp: 105860

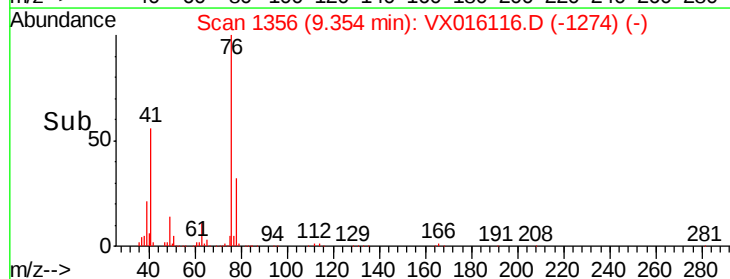
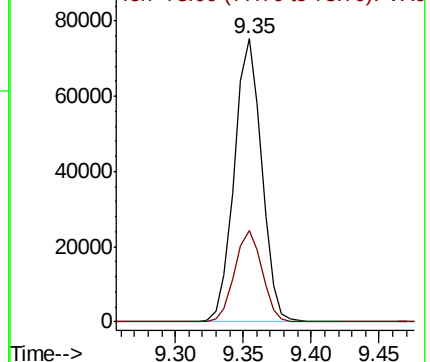
Ion Ratio Lower Upper

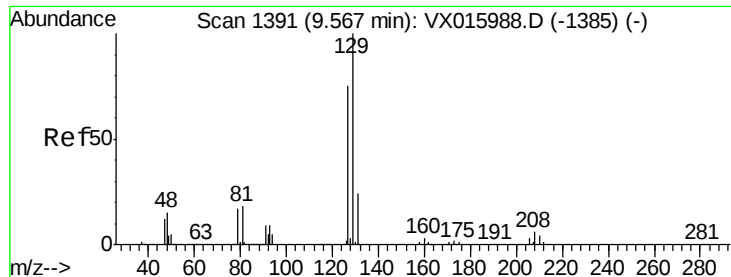
76 100

78 32.7 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: 17.933 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

Instrument :

MSVOA_X

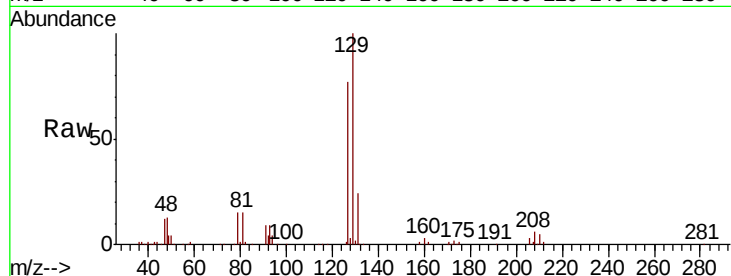
ClientSampleId :

Tot Ion:129 Resp: 65514

Ion Ratio Lower Upper

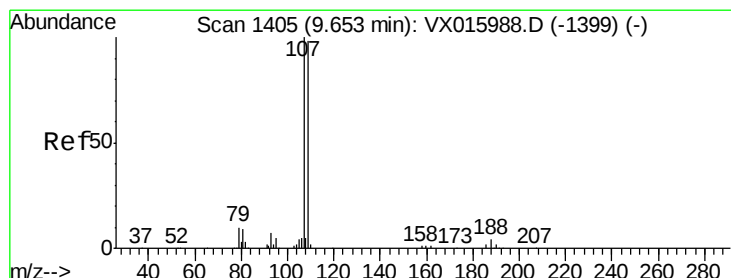
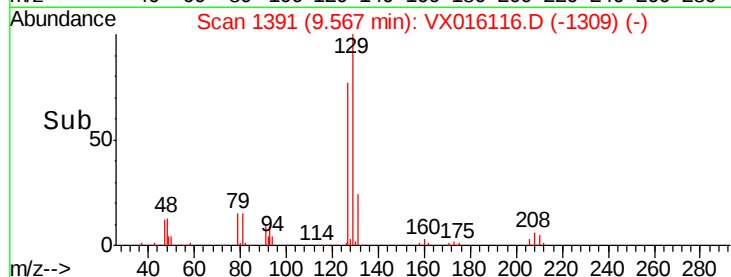
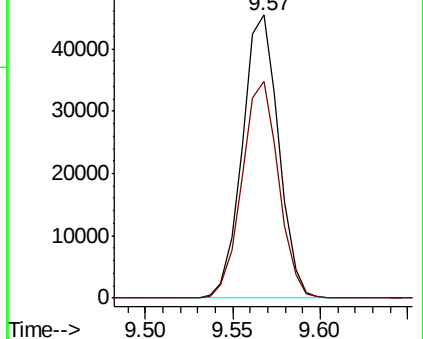
129 100

127 77.1 38.3 114.9



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.578 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016116.D

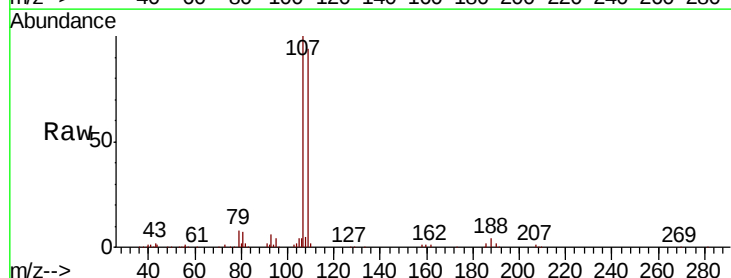
Acq: 08 May 2020 13:25

Tgt Ion:107 Resp: 65563

Ion Ratio Lower Upper

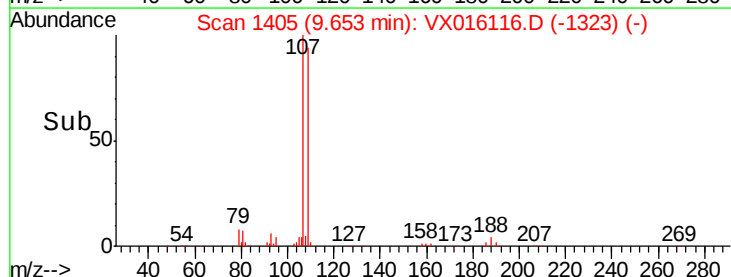
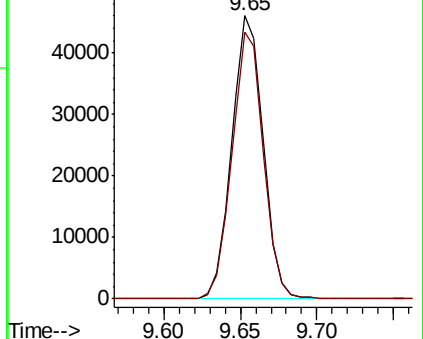
107 100

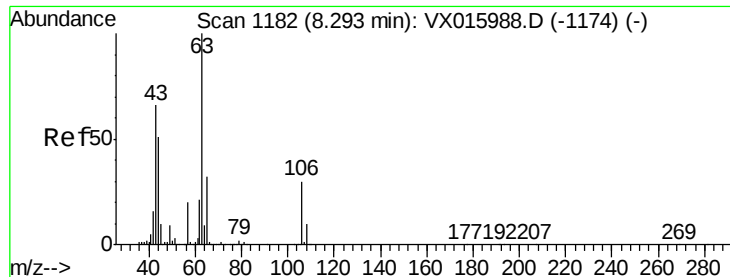
109 93.9 74.7 112.1



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 92.239 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

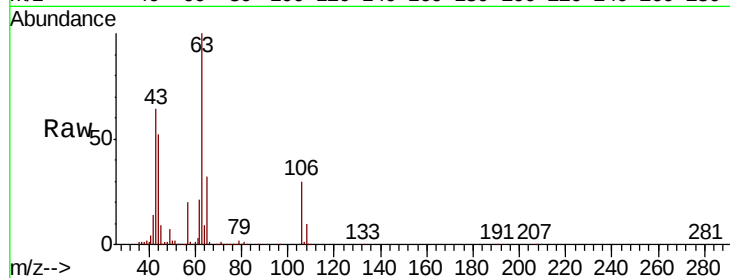
Tot Ion: 63 Resp: 266083

Ion Ratio Lower Upper

63 100

65 32.2 25.6 38.4

106 29.0 23.4 35.0



Abundance Ion 63.00 (62.70 to 63.70): VX015988.D (-1174) (-)

Ion 65.00 (64.70 to 65.70): VX015988.D (-1174) (-)

Ion 106.00 (105.70 to 106.70): VX015988.D (-1174) (-)

8.29

150000

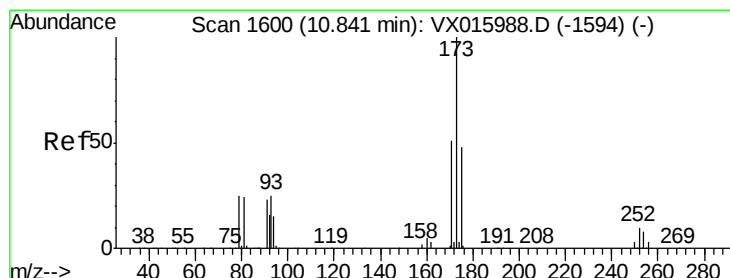
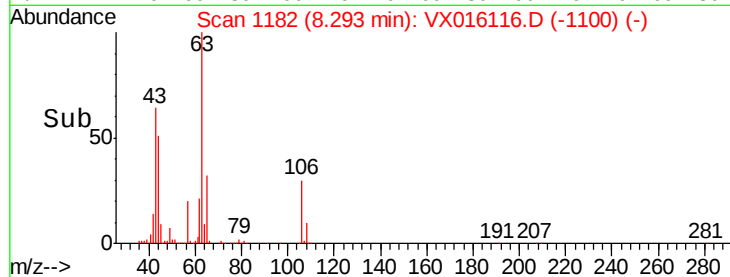
100000

50000

0

8.20 8.25 8.30 8.35

Time-->



#56

Bromoform

Concen: 17.721 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

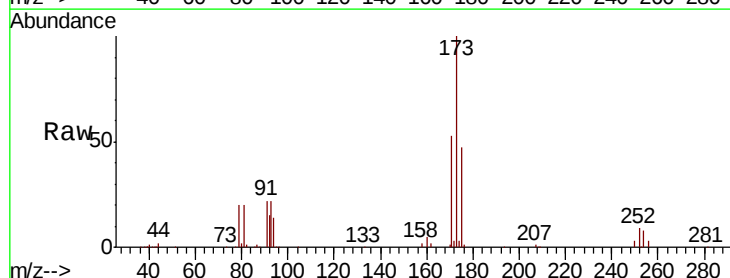
Tgt Ion: 173 Resp: 48780

Ion Ratio Lower Upper

173 100

175 48.4 38.0 57.0

254 8.8 6.8 10.2



Abundance Ion 173.00 (172.70 to 173.70): VX015988.D (-1594) (-)

Ion 175.00 (174.70 to 175.70): VX015988.D (-1594) (-)

Ion 254.00 (253.70 to 254.70): VX015988.D (-1594) (-)

10.84

50000

40000

30000

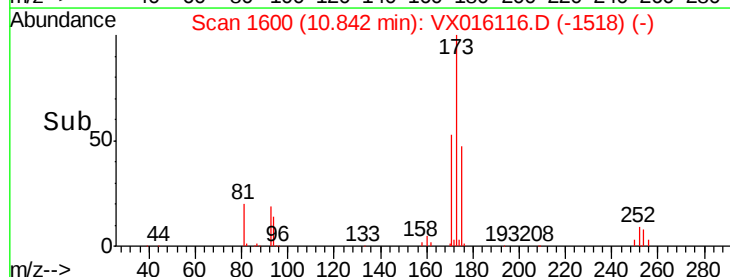
20000

10000

0

10.80 10.85 10.90

Time-->

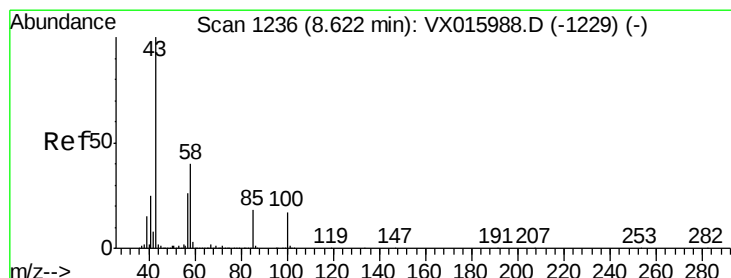
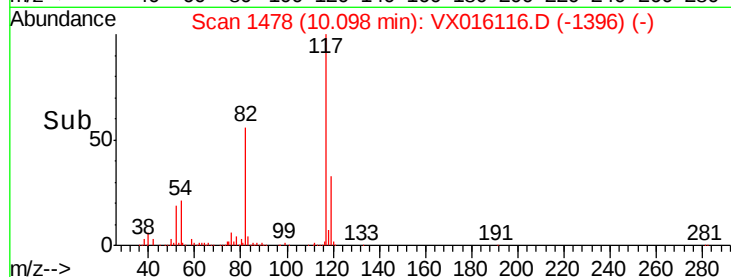
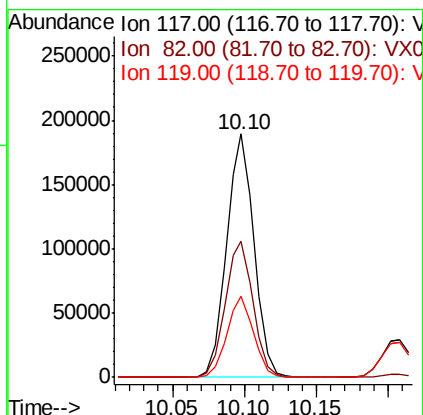
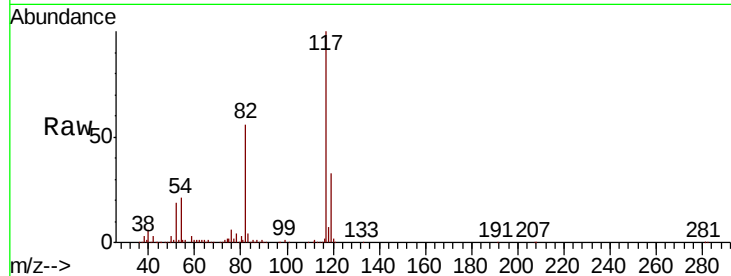




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016116.D
Acq: 08 May 2020 13:25

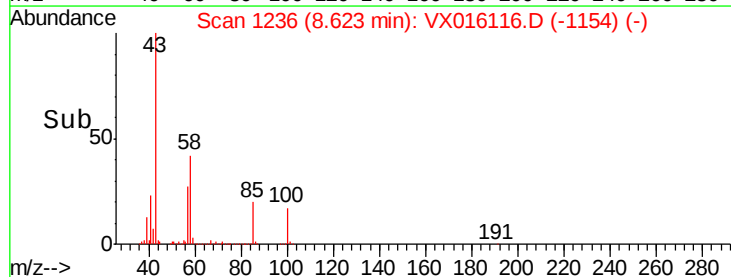
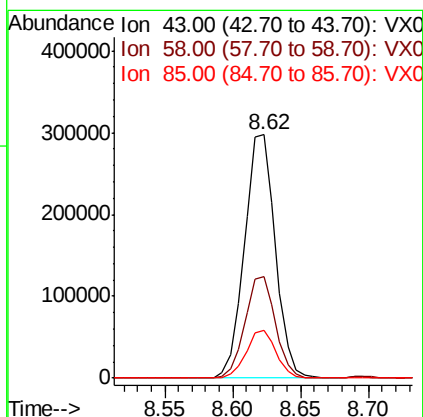
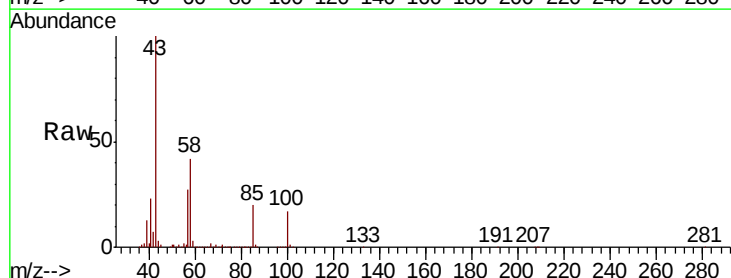
Instrument :
MSVOA_X
ClientSampleId :

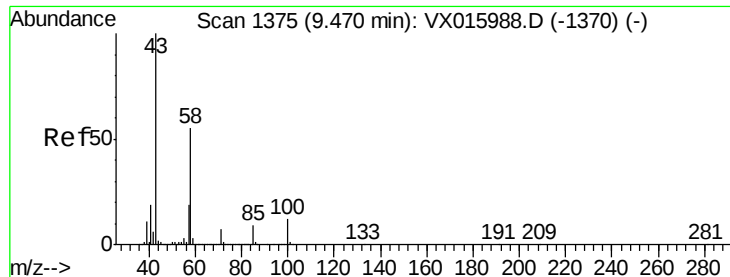
Tot Ion:117 Resp: 252969
Ion Ratio Lower Upper
117 100
82 56.6 45.1 67.7
119 32.3 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 94.692 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX016116.D
Acq: 08 May 2020 13:25

Tgt Ion: 43 Resp: 472383
Ion Ratio Lower Upper
43 100
58 41.1 31.8 47.6
85 19.1 14.5 21.7

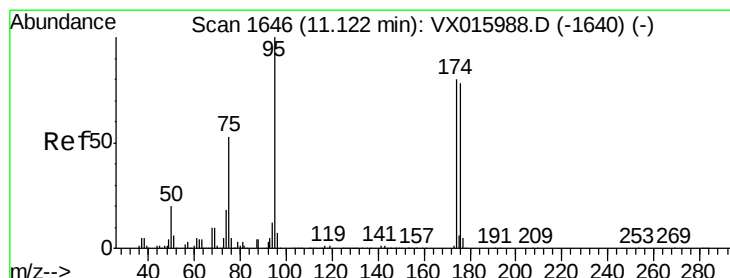
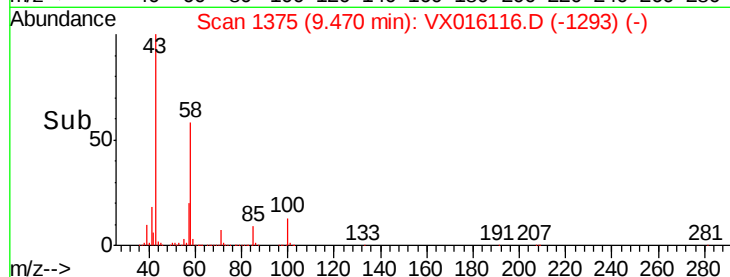
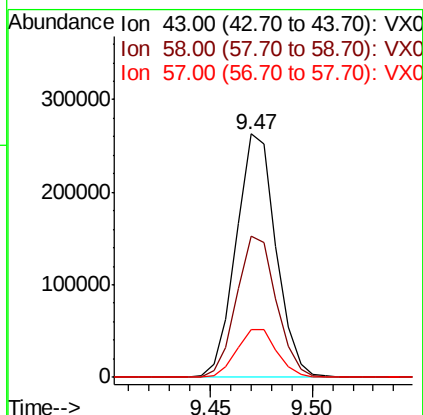
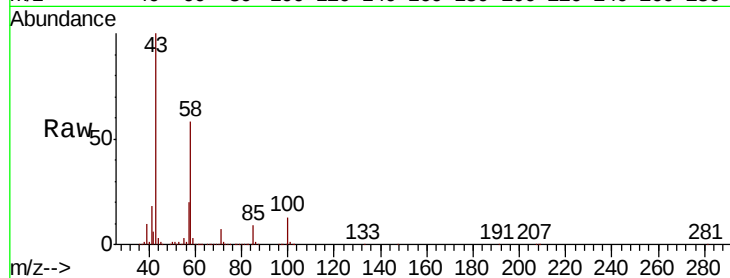




#59
2-Hexanone
Concen: 92.517 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016116.D
Acq: 08 May 2020 13:25

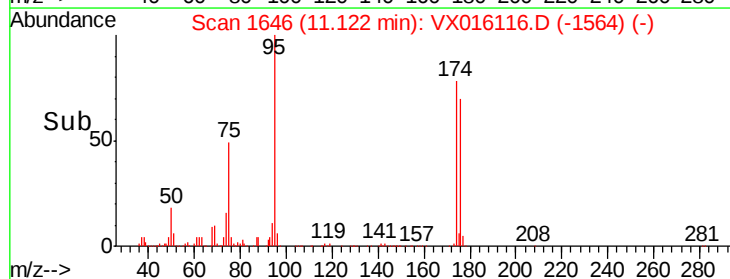
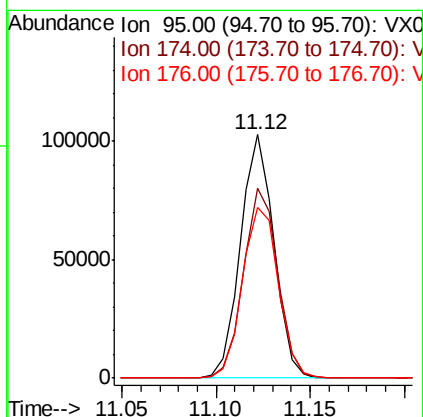
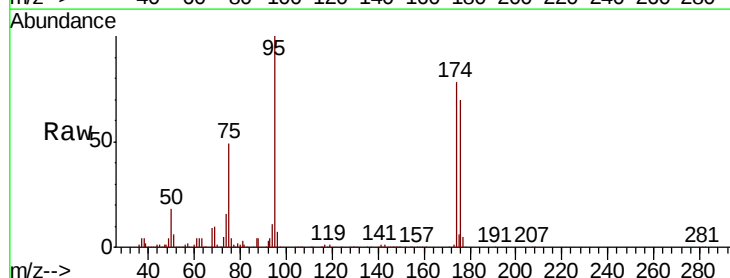
Instrument :
MSVOA_X
ClientSampleId :

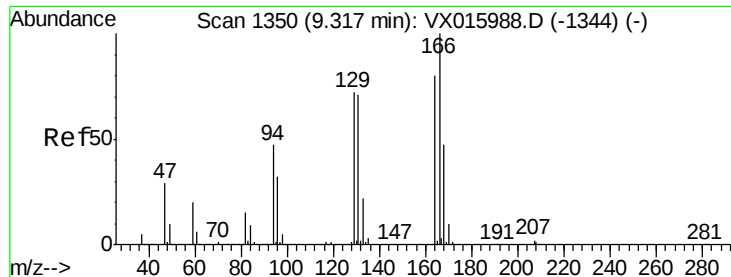
Tot Ion	Ratio	Lower	Upper
43	100		
58	58.1	44.0	66.0
57	20.1	15.5	23.3



#60
4-Bromofluorobenzene
Concen: 29.822 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016116.D
Acq: 08 May 2020 13:25

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.7	64.8	97.2
176	75.8	62.4	93.6





#61

Tetrachloroethene

Concen: 19.534 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 97747

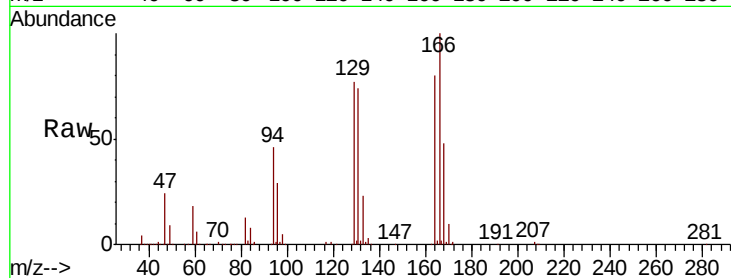
Ion Ratio Lower Upper

164 100

166 124.5 100.1 150.1

129 95.4 72.2 108.4

131 92.1 71.3 106.9



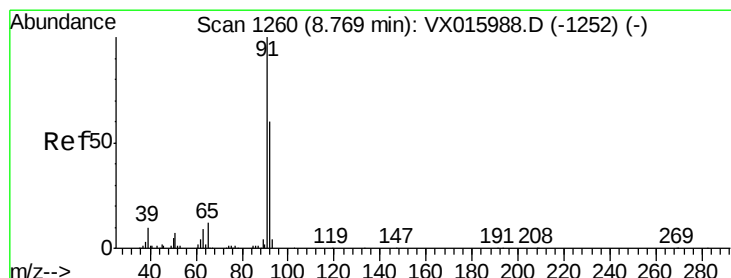
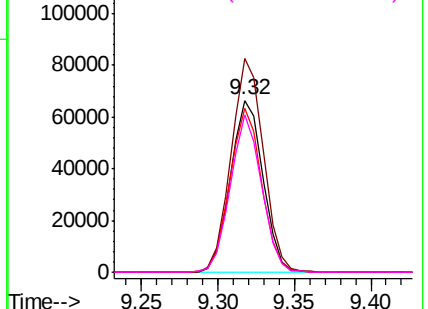
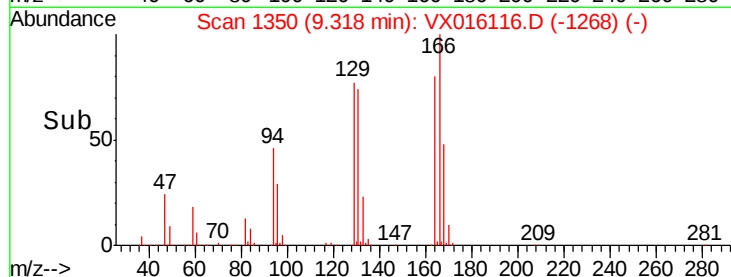
Abundance

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: 18.989 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016116.D

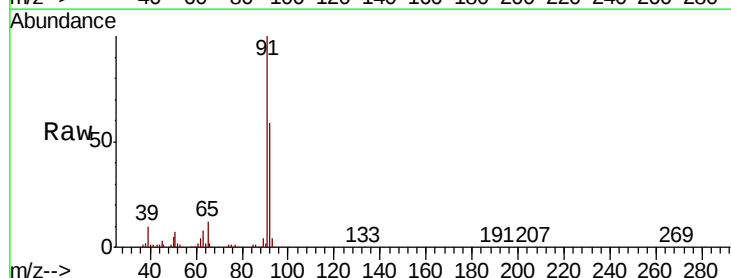
Acq: 08 May 2020 13:25

Tgt Ion: 91 Resp: 256622

Ion Ratio Lower Upper

91 100

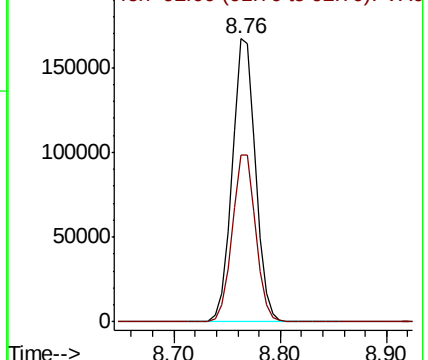
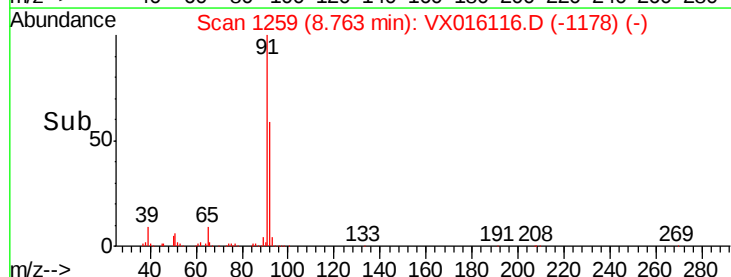
92 59.2 47.2 70.8



Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.871 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

Instrument :

MSVOA_X

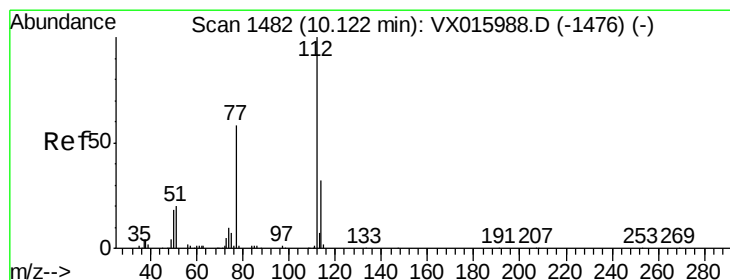
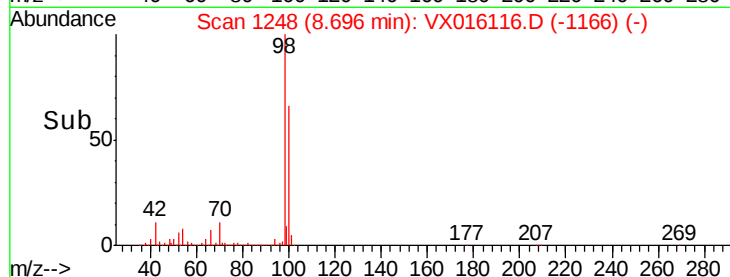
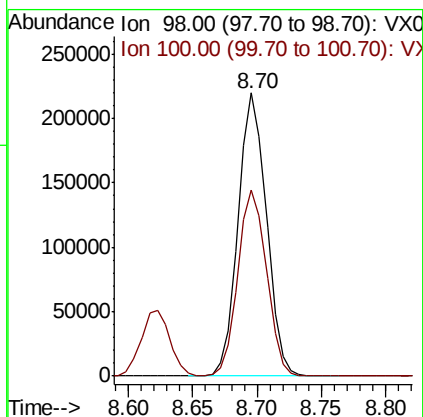
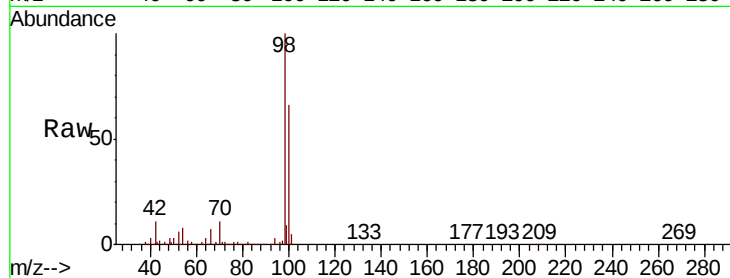
ClientSampleId :

Tot Ion: 98 Resp: 335007

Ion Ratio Lower Upper

98 100

100 66.7 52.5 78.7



#64

Chlorobenzene

Concen: 18.693 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016116.D

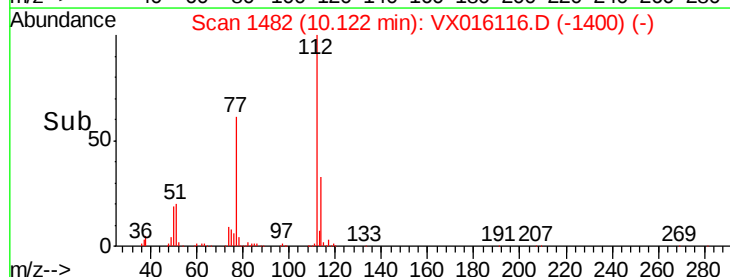
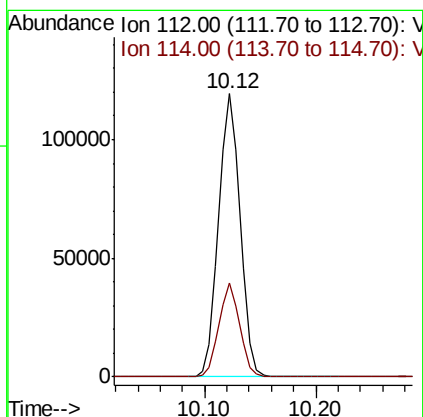
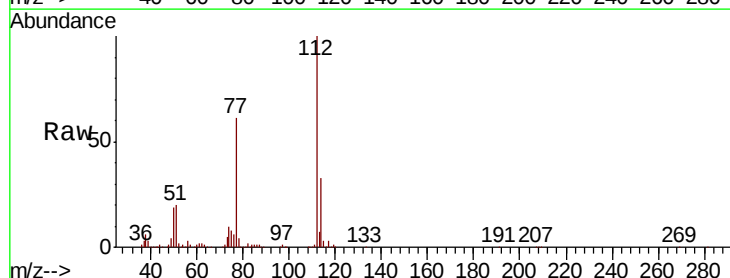
Acq: 08 May 2020 13:25

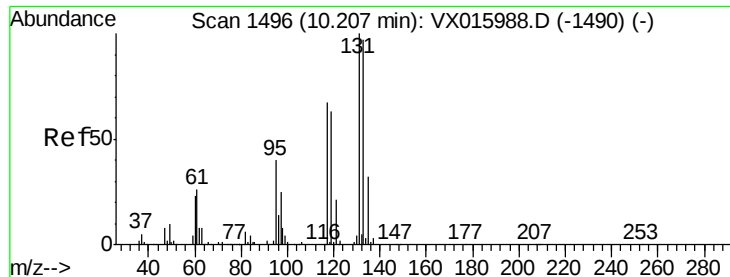
Tgt Ion: 112 Resp: 160859

Ion Ratio Lower Upper

112 100

114 33.3 25.8 38.6





#65

1,1,1,2-Tetrachloroethane

Concen: 18.362 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

Instrument :

MSVOA_X

ClientSampled :

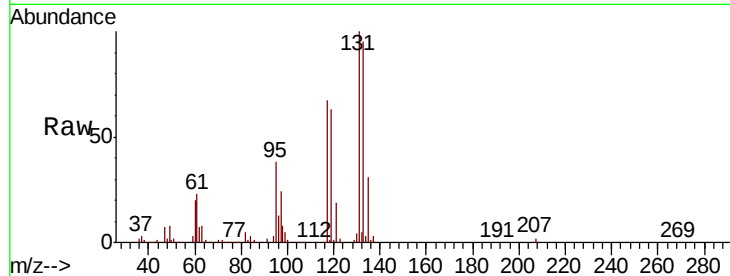
Tot Ion:131 Resp: 59984

Ion Ratio Lower Upper

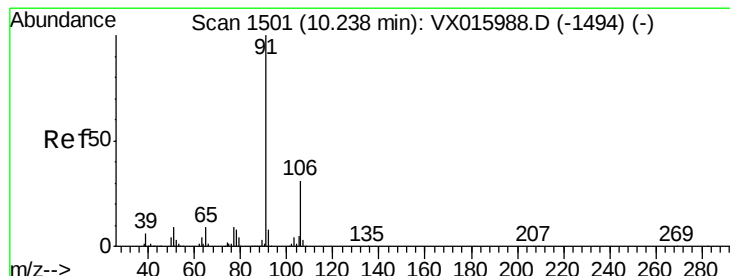
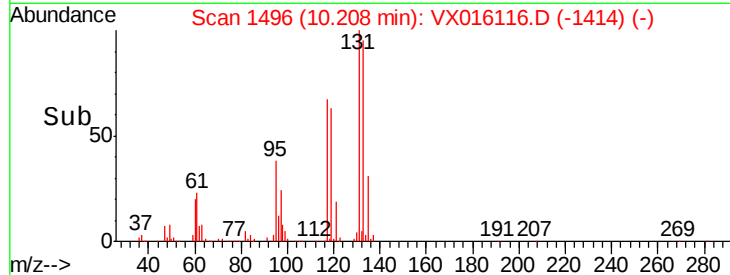
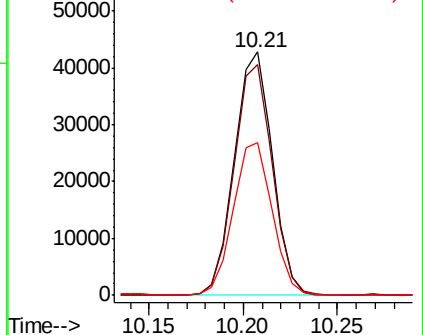
131 100

133 95.5 0.0 187.0

119 64.2 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: 18.704 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX016116.D

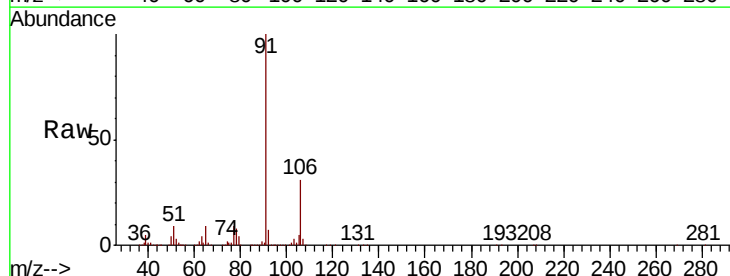
Acq: 08 May 2020 13:25

Tgt Ion: 91 Resp: 287843

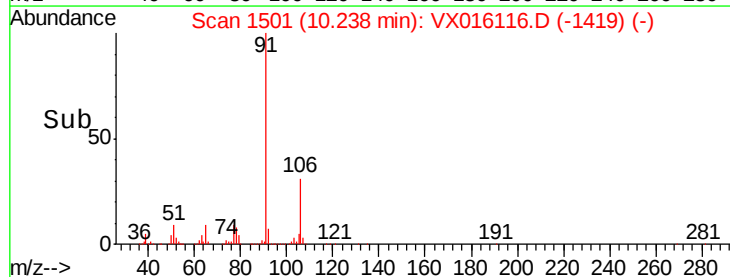
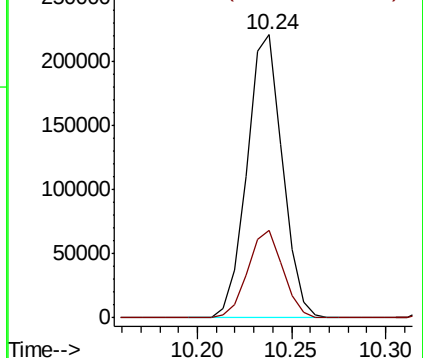
Ion Ratio Lower Upper

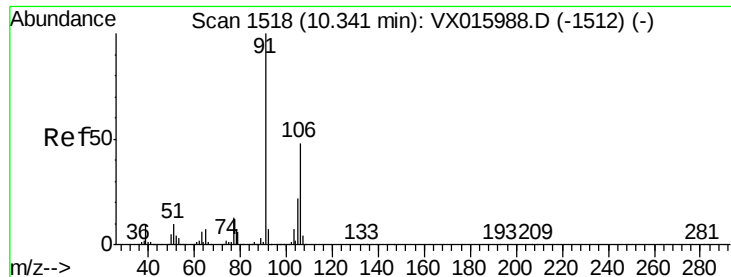
91 100

106 30.9 24.8 37.2



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

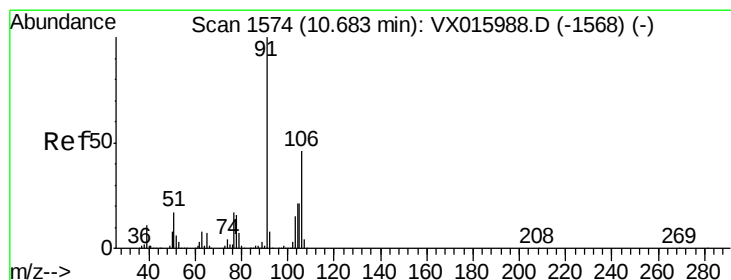
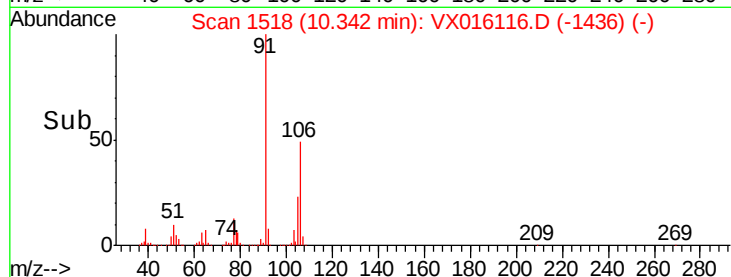
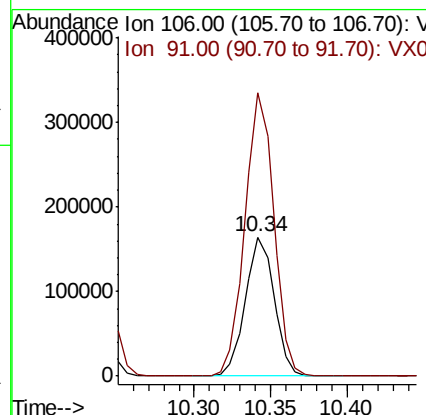
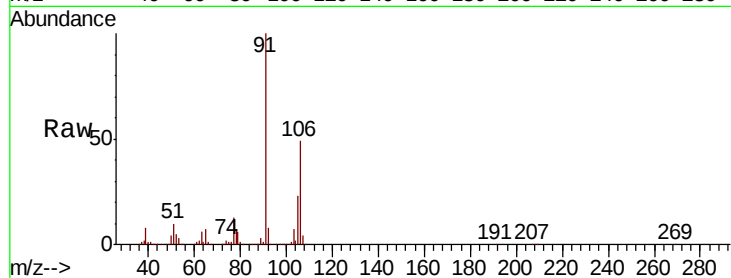




#67
m/p-Xvlenes
Concen: 36.850 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016116.D
Acq: 08 May 2020 13:25

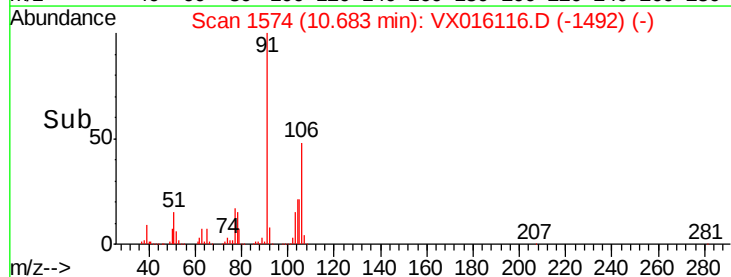
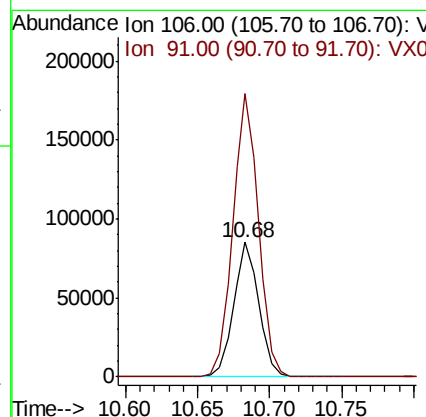
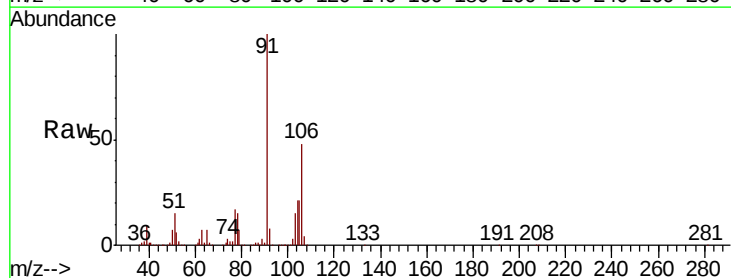
Instrument :
MSVOA_X
ClientSampleId :

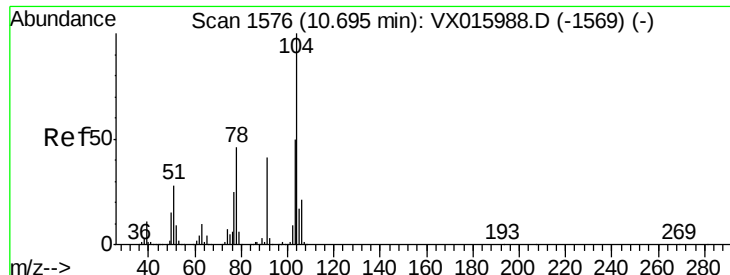
Tot Ion:106 Resp: 216031
Ion Ratio Lower Upper
106 100
91 203.5 164.2 246.4



#68
o-Xylene
Concen: 18.450 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016116.D
Acq: 08 May 2020 13:25

Tgt Ion:106 Resp: 104305
Ion Ratio Lower Upper
106 100
91 213.8 108.3 325.0

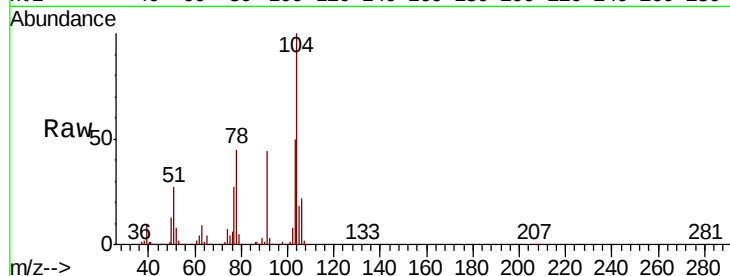




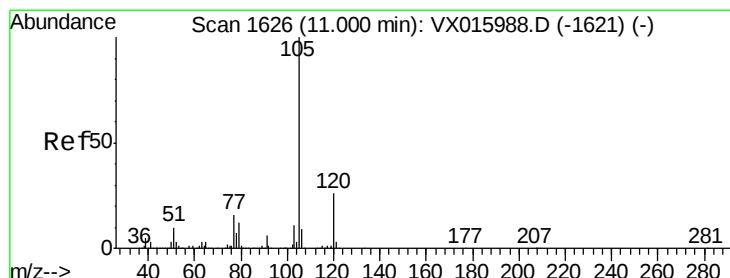
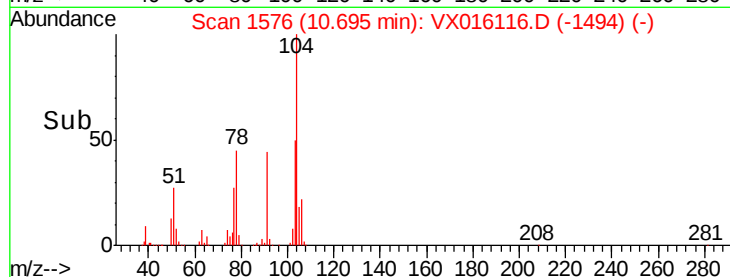
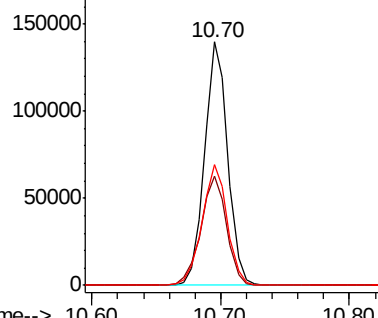
#69
Stvrene
Concen: 18.086 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016116.D
Acq: 08 May 2020 13:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.3	40.7	61.1
103	54.4	43.0	64.4

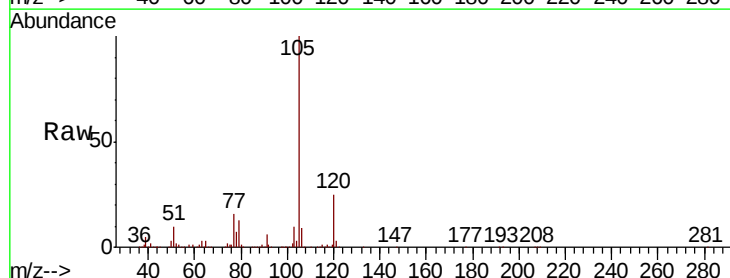


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

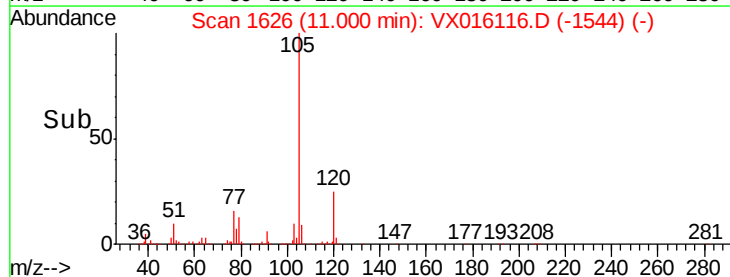
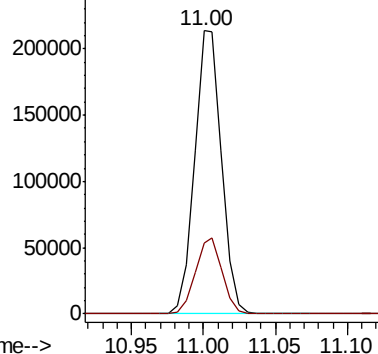


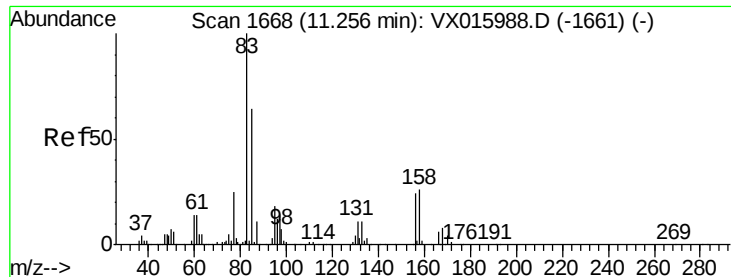
#70
Isopropylbenzene
Concen: 18.394 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX016116.D
Acq: 08 May 2020 13:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.5	18.6	34.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 17.592 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

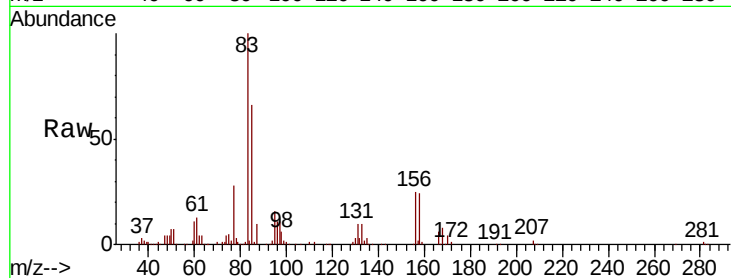
Tot Ion: 83 Resp: 49916

Ion Ratio Lower Upper

83 100

131 10.6 5.2 15.6

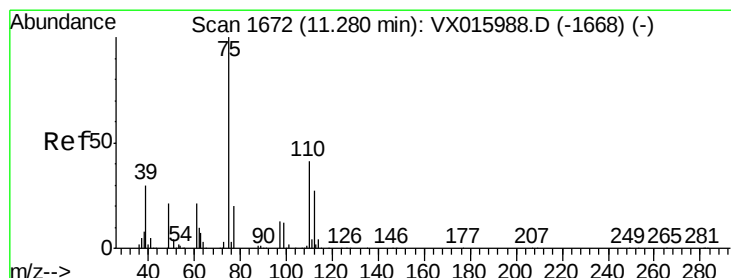
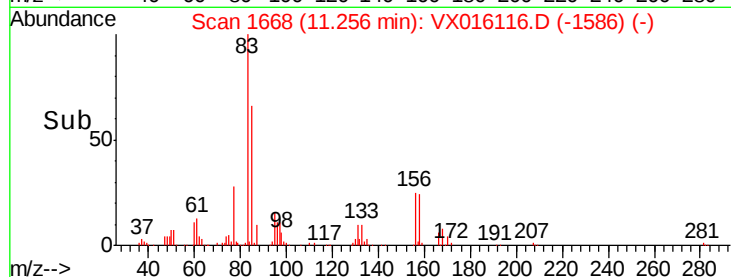
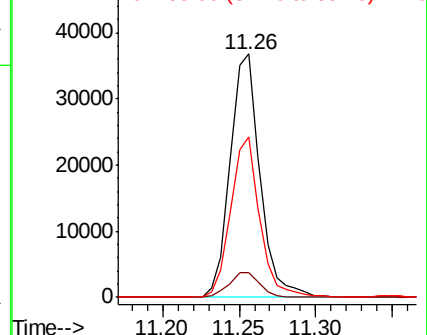
85 64.3 33.0 98.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 25.683 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016116.D

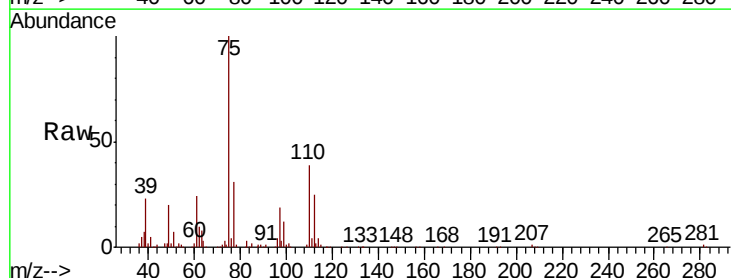
Acq: 08 May 2020 13:25

Tgt Ion: 75 Resp: 118032

Ion Ratio Lower Upper

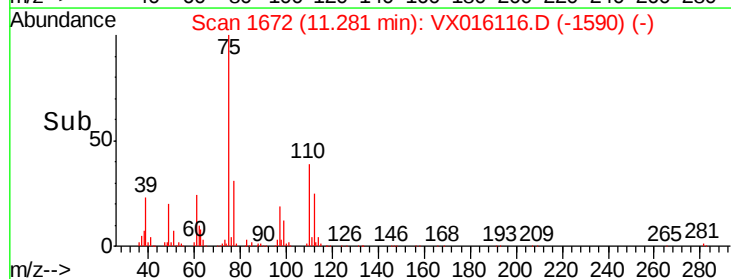
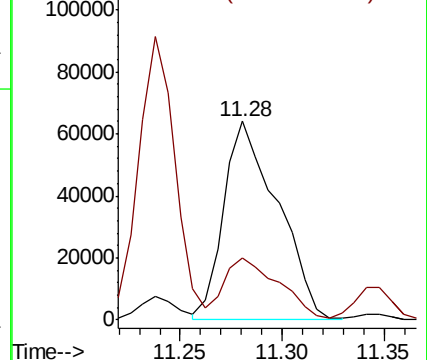
75 100

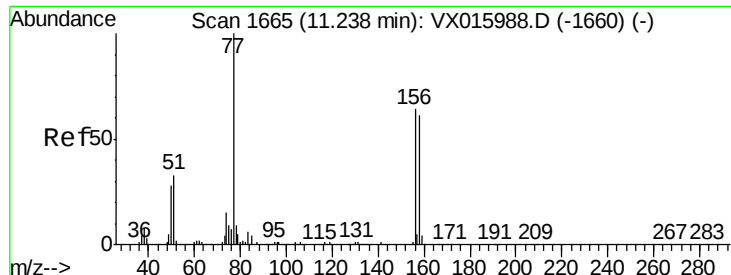
77 31.8 0.0 86.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 18.375 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

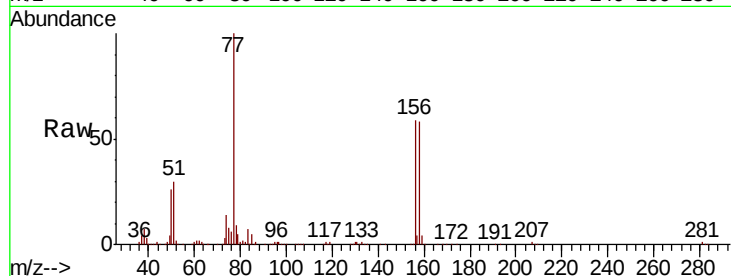
Tot Ion:156 Resp: 70674

Ion Ratio Lower Upper

156 100

77 161.6 0.0 318.0

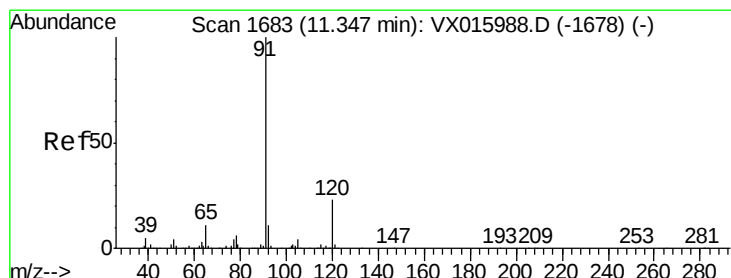
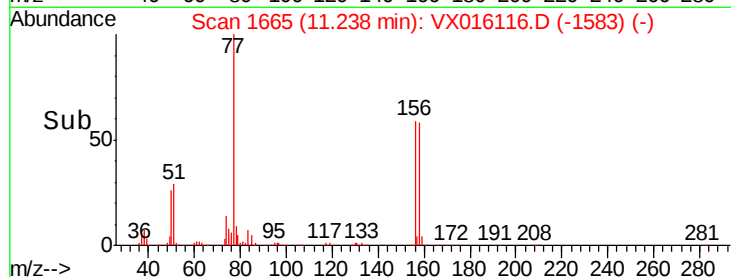
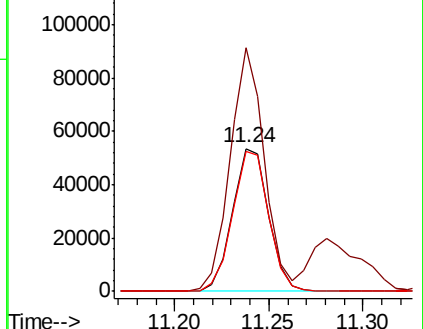
158 98.8 0.0 193.2



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: 18.354 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016116.D

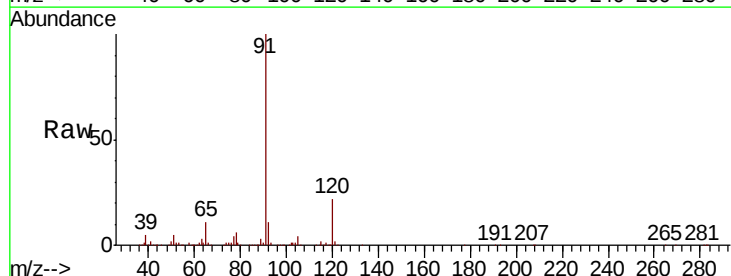
Acq: 08 May 2020 13:25

Tgt Ion: 91 Resp: 325401

Ion Ratio Lower Upper

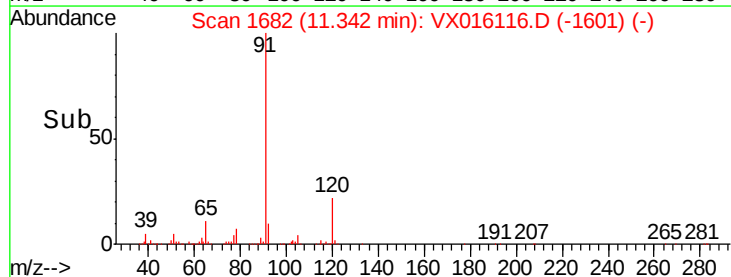
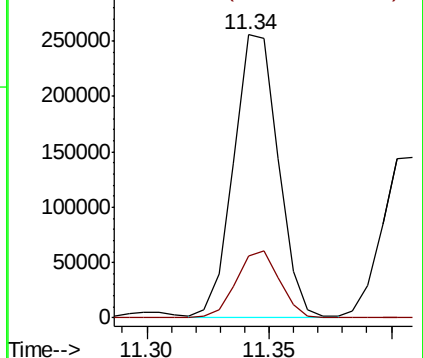
91 100

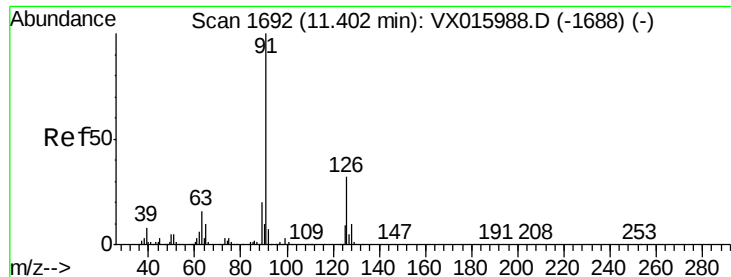
120 23.0 0.0 45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.401 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

Instrument :

MSVOA_X

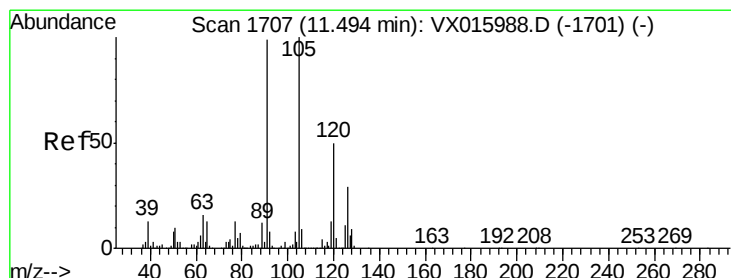
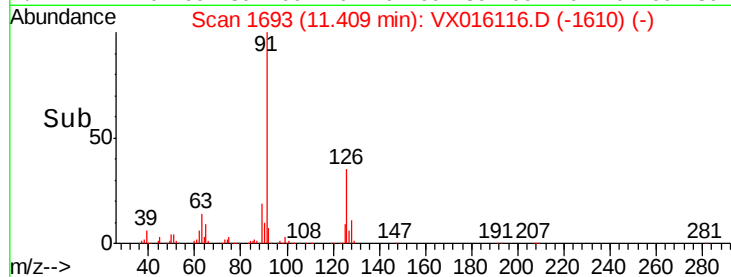
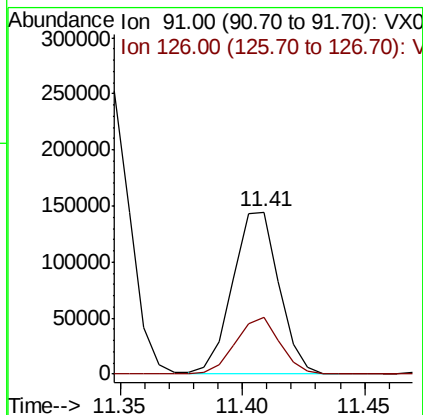
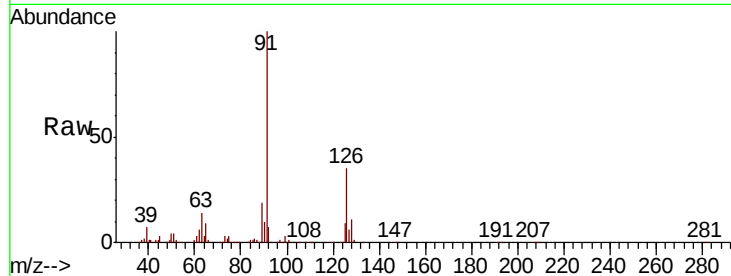
ClientSampleId :

Tot Ion: 91 Resp: 191702

Ion Ratio Lower Upper

91 100

126 33.4 0.0 66.2



#76

1,3,5-Trimethylbenzene

Concen: 18.088 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016116.D

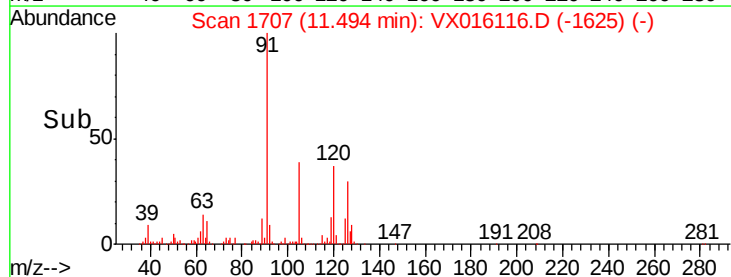
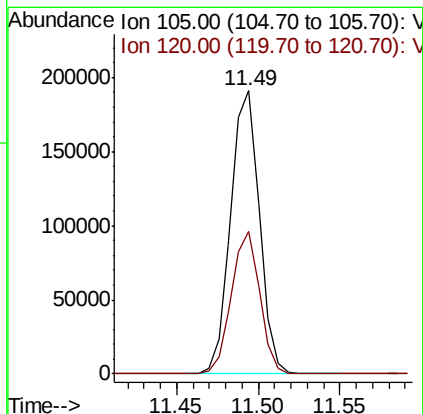
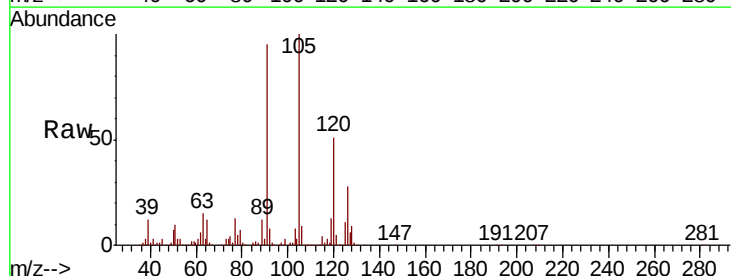
Acq: 08 May 2020 13:25

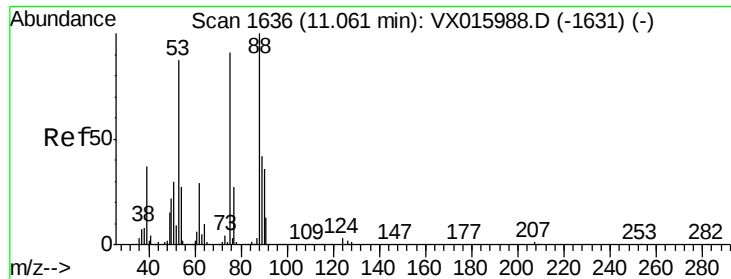
Tgt Ion: 105 Resp: 234355

Ion Ratio Lower Upper

105 100

120 49.6 0.0 99.4





#77

t-1,4-Dichloro-2-butene

Concen: 18.030 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

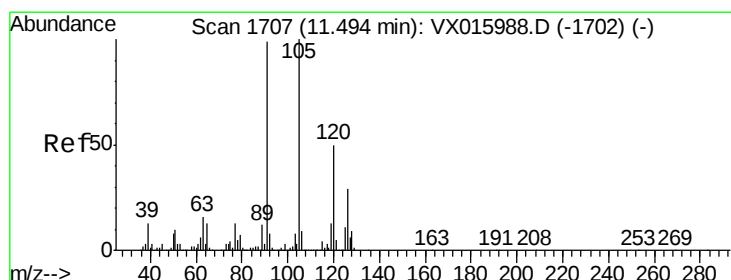
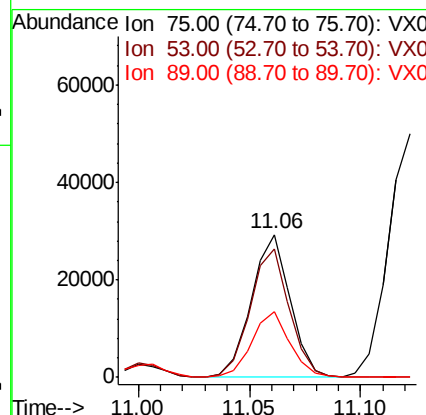
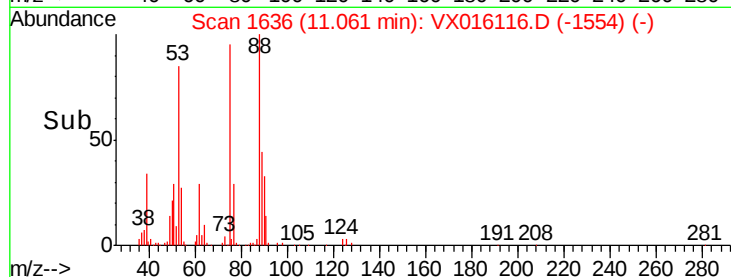
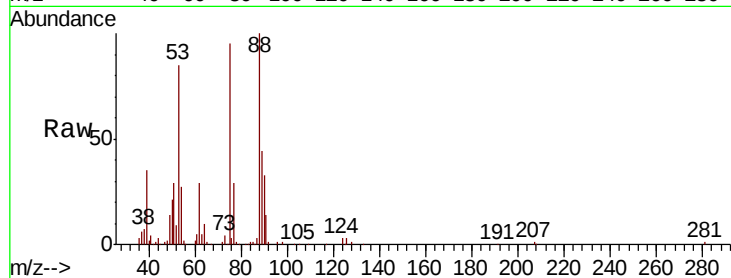
Lab File: VX016116.D

Acq: 08 May 2020 13:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 35629

Ion	Ratio	Lower	Upper
75	100		
53	89.7	48.0	144.2
89	46.1	23.4	70.3



#78

4-Chlorotoluene

Concen: 18.163 ug/l

RT: 11.49 min Scan# 1707

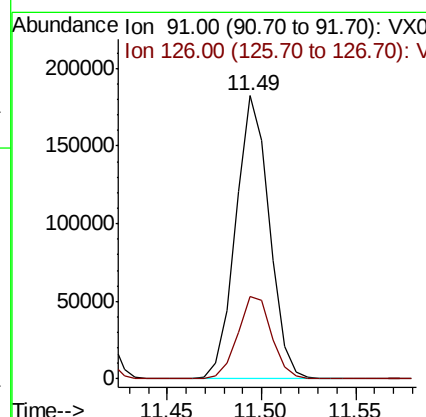
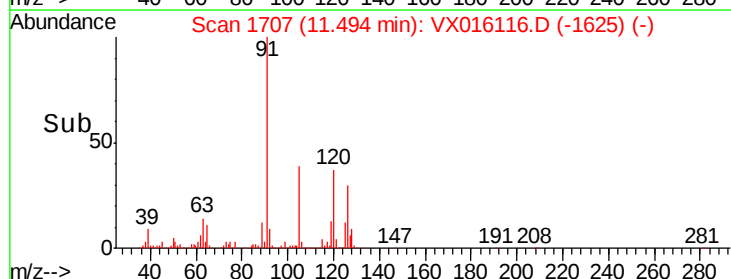
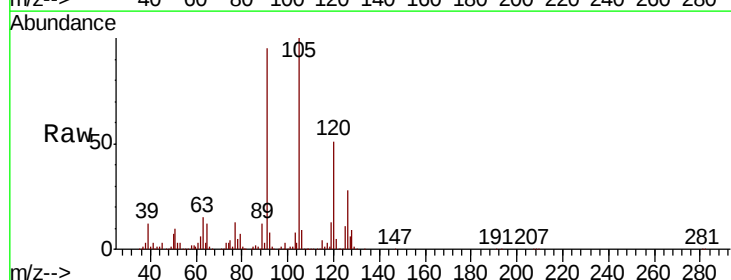
Delta R.T. 0.00 min

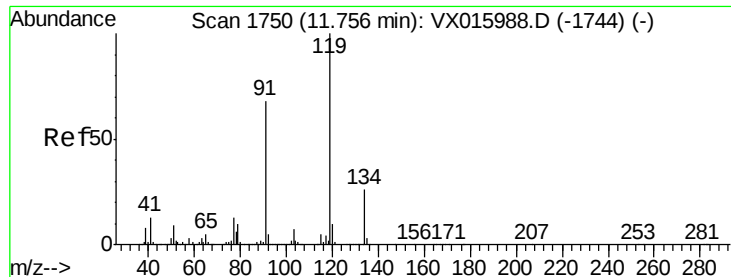
Lab File: VX016116.D

Acq: 08 May 2020 13:25

Tgt Ion: 91 Resp: 223982

Ion	Ratio	Lower	Upper
91	100		
126	29.6	0.0	58.4

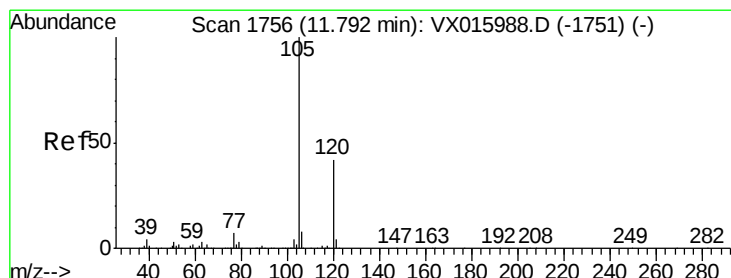
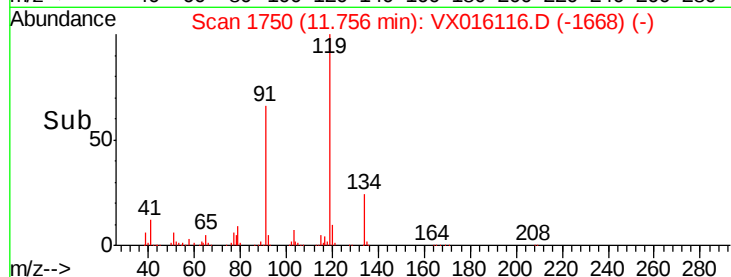
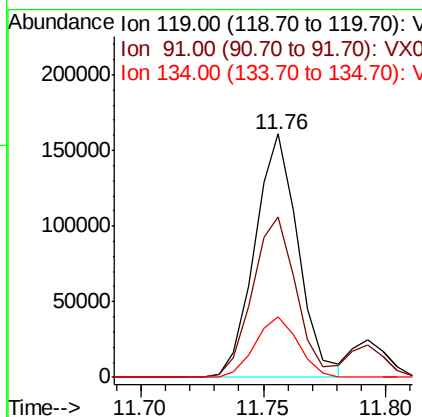
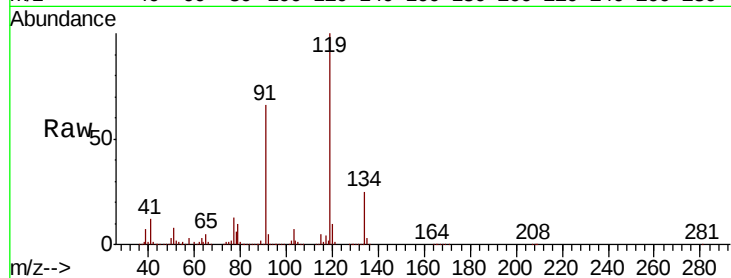




#79
tert-butylbenzene
Concen: 17.991 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016116.D
Acq: 08 May 2020 13:25

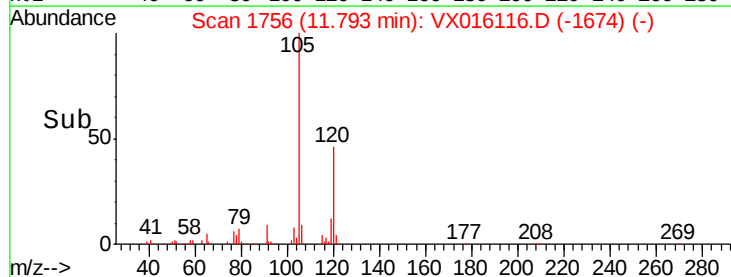
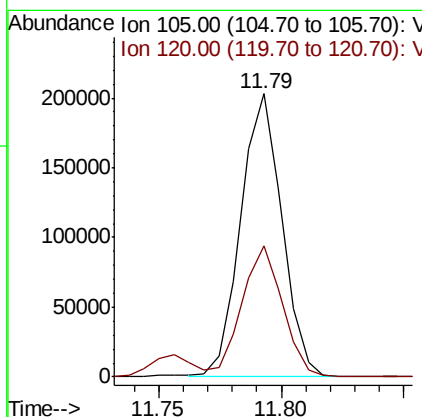
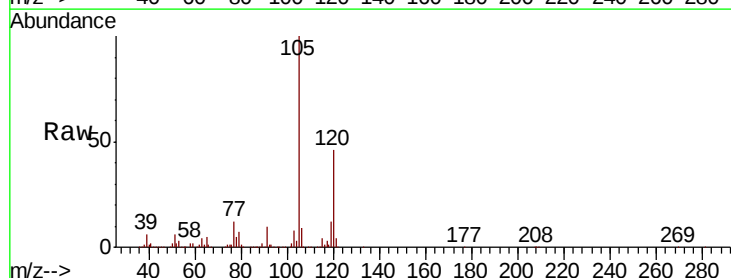
Instrument :
MSVOA_X
ClientSampleId :

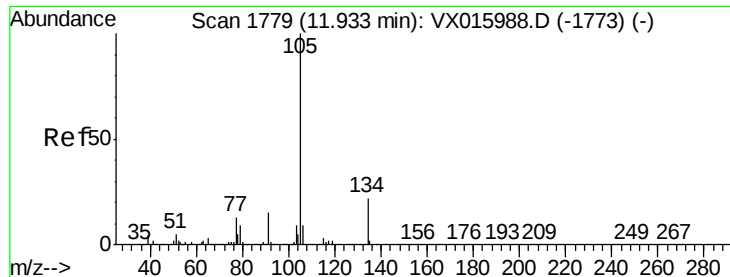
Tot Ion	Ratio	Lower	Upper
119	100		
91	66.0	0.0	135.6
134	24.6	0.0	51.0



#80
1,2,4-Trimethylbenzene
Concen: 18.320 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016116.D
Acq: 08 May 2020 13:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	0.0	91.0





#81

sec-Butylbenzene

Concen: 18.295 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

Instrument :

MSVOA_X

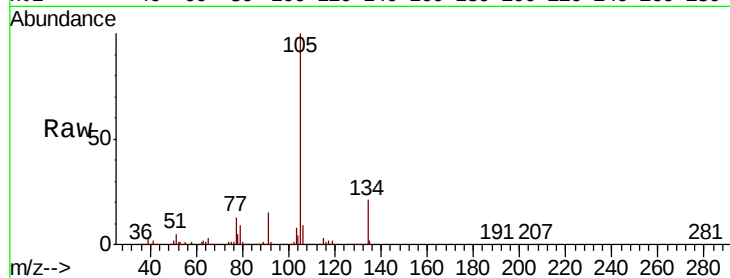
ClientSampled :

Tot Ion:105 Resp: 273036

Ion Ratio Lower Upper

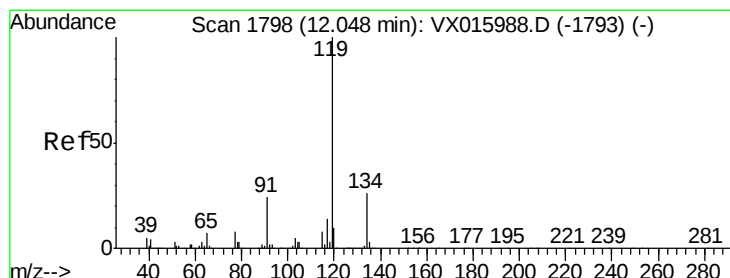
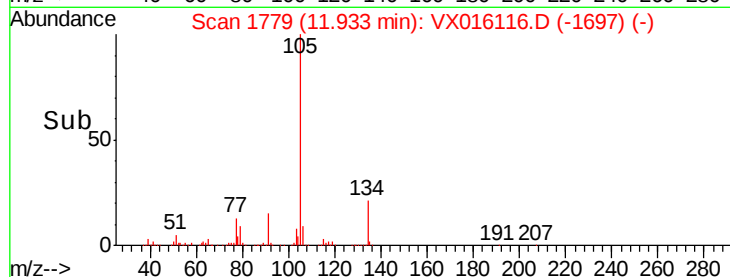
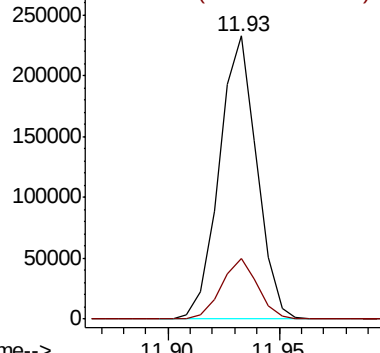
105 100

134 20.7 0.0 41.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 18.501 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

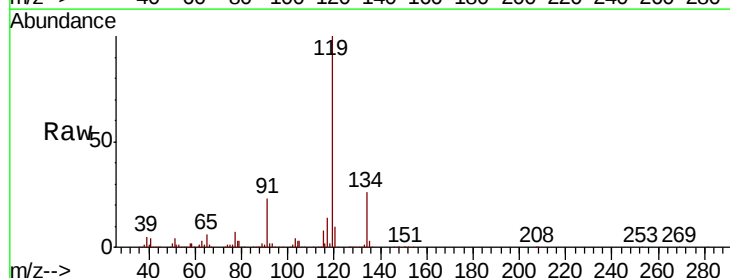
Tgt Ion:119 Resp: 255874

Ion Ratio Lower Upper

119 100

134 26.0 0.0 52.6

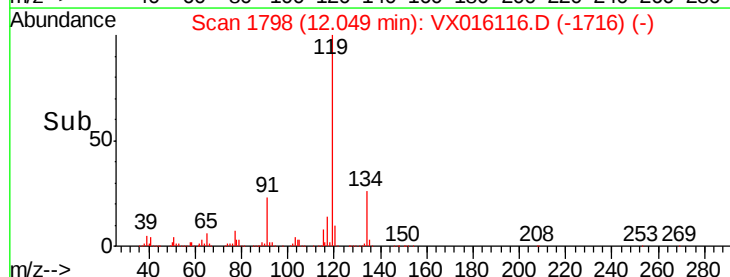
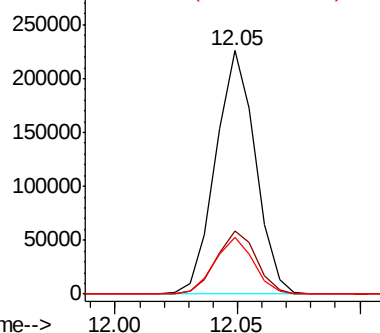
91 22.9 0.0 47.6

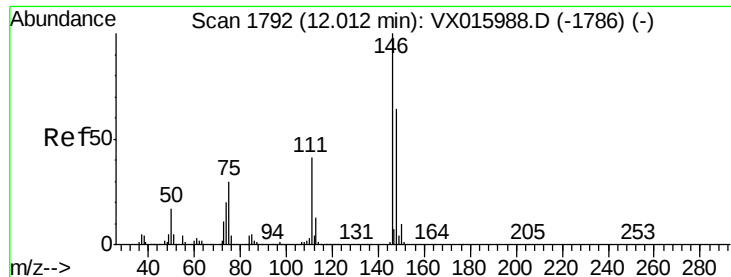


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#83

1,3-Dichlorobenzene

Concen: 18.518 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX016116.D

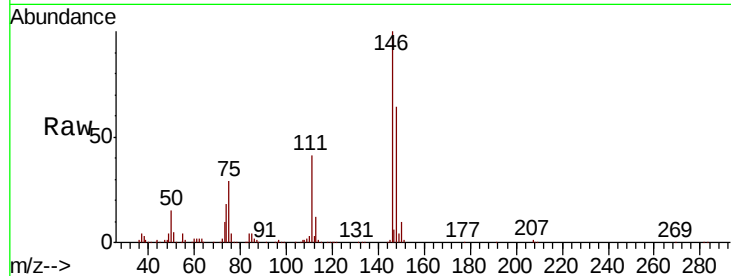
Acq: 08 May 2020 13:25

Instrument :

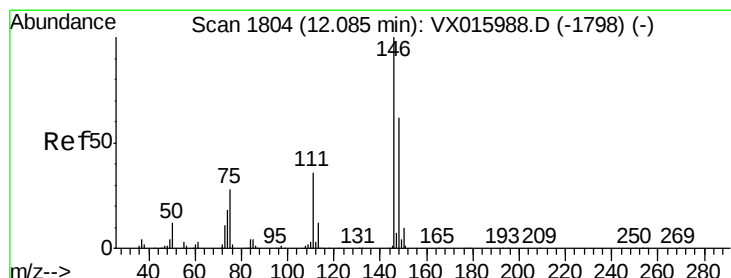
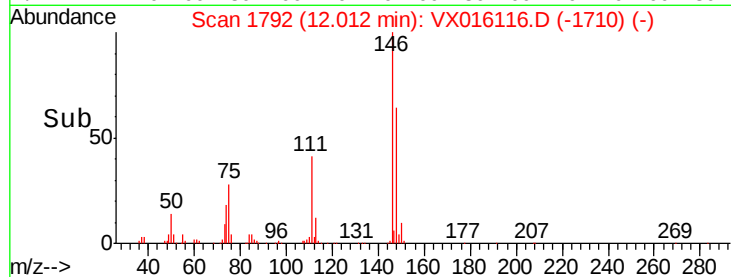
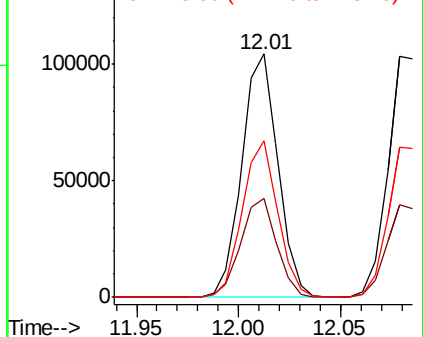
MSVOA_X

ClientSampleId :

Tot Ion:	146	Resp:	128413
Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.4	61.3
148	63.1	31.9	95.9



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



#84

1,4-Dichlorobenzene

Concen: 18.648 ug/l

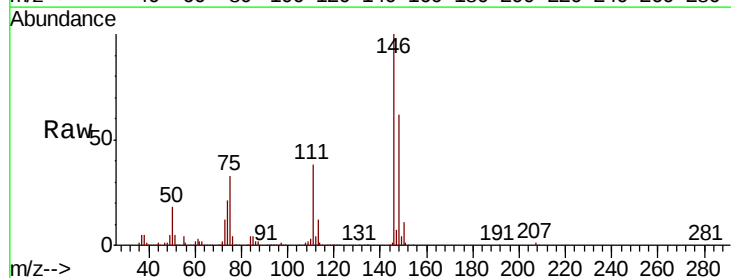
RT: 12.08 min Scan# 1803

Delta R.T. -0.01 min

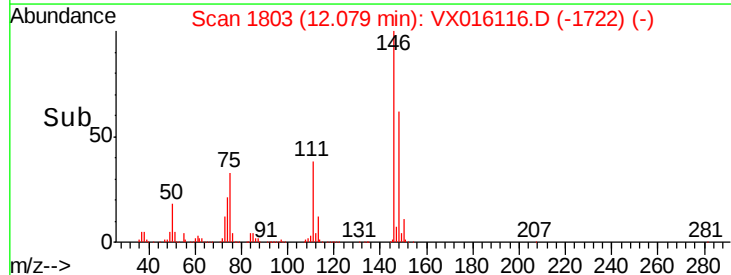
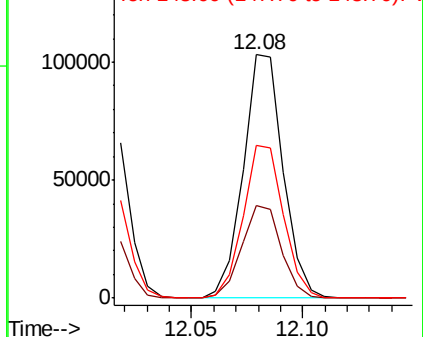
Lab File: VX016116.D

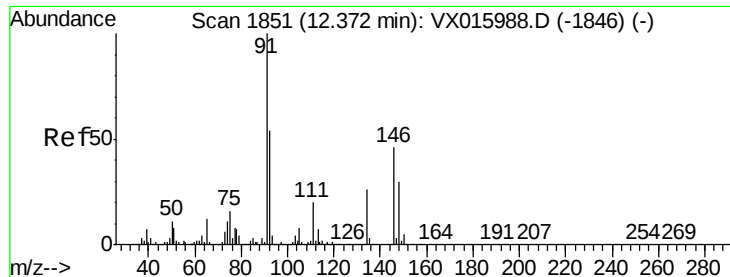
Acq: 08 May 2020 13:25

Tgt Ion:	146	Resp:	128498
Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.7	59.0
148	63.7	32.0	96.0



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

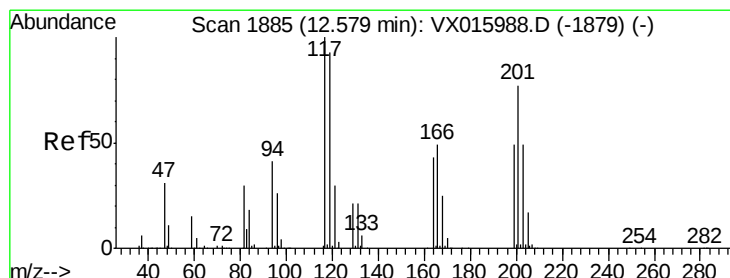
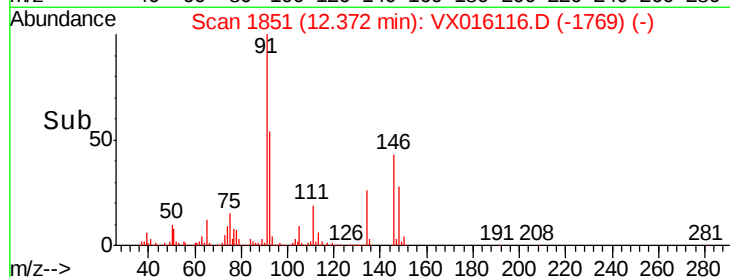
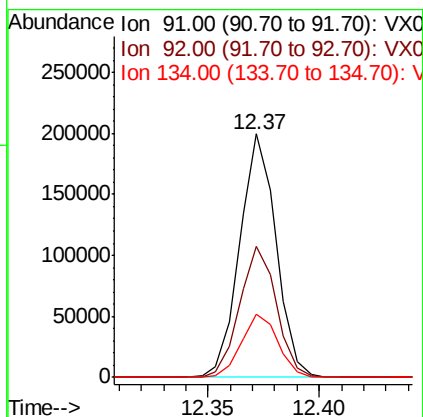
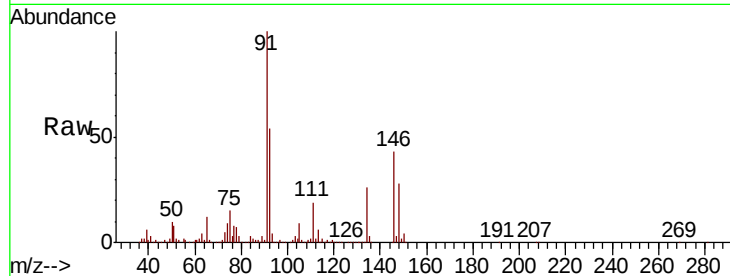




#85
n-Butylbenzene
Concen: 17.975 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016116.D
Acq: 08 May 2020 13:25

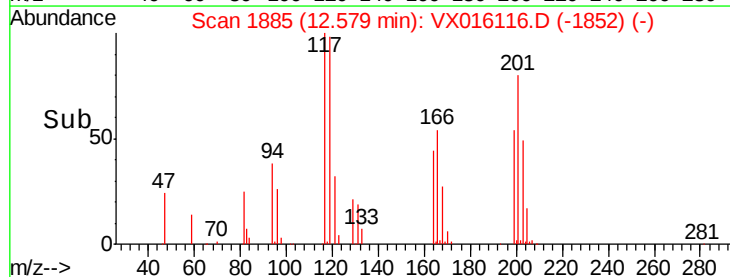
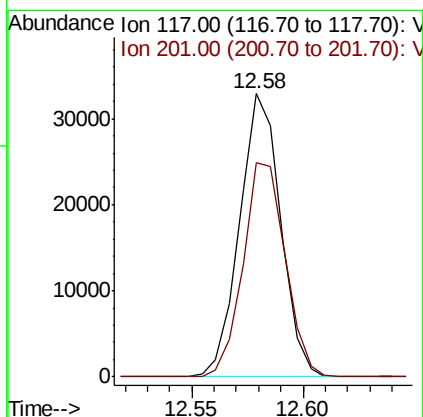
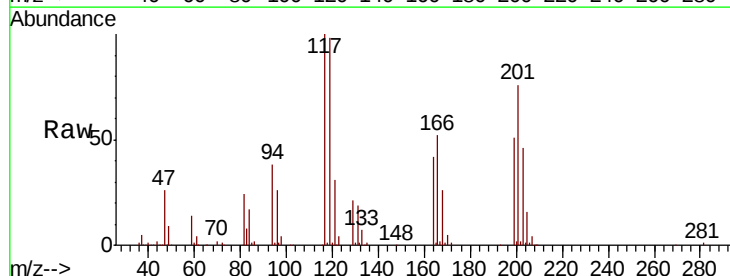
Instrument :
MSVOA_X
ClientSampled :

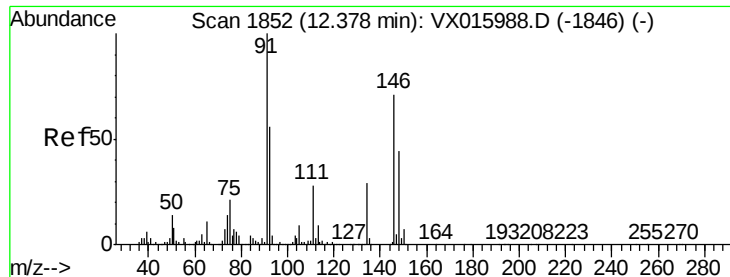
Tot Ion: 91 Resp: 227086
Ion Ratio Lower Upper
91 100
92 54.2 0.0 110.2
134 26.4 0.0 53.4



#86
Hexachloroethane
Concen: 17.448 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016116.D
Acq: 08 May 2020 13:25

Tgt Ion: 117 Resp: 42480
Ion Ratio Lower Upper
117 100
201 77.7 40.1 120.2

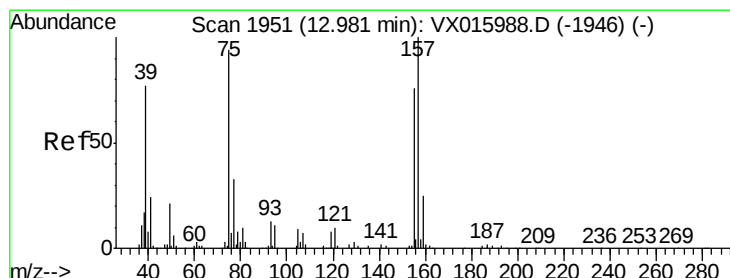
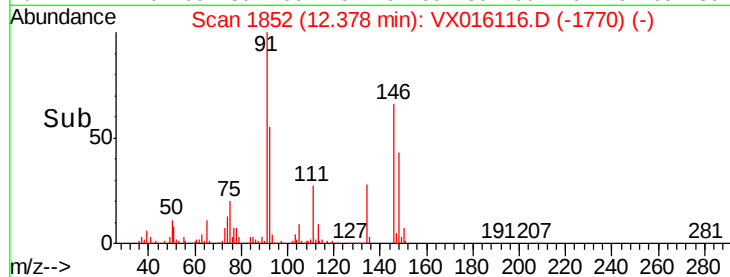
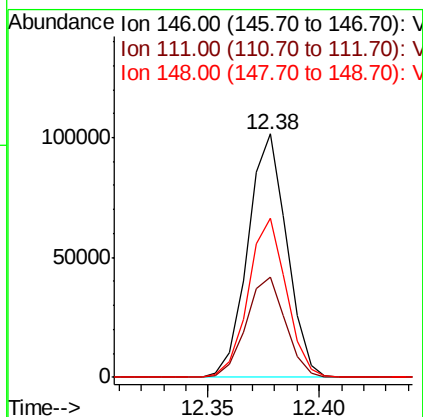
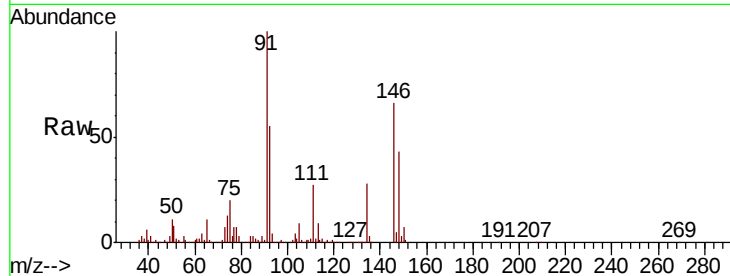




#87
 1,2-Dichlorobenzene
 Concen: 18.524 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016116.D
 Acq: 08 May 2020 13:25

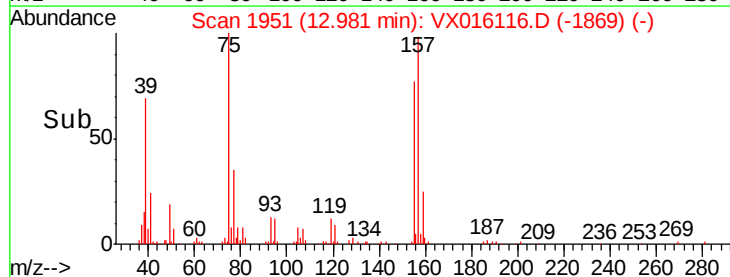
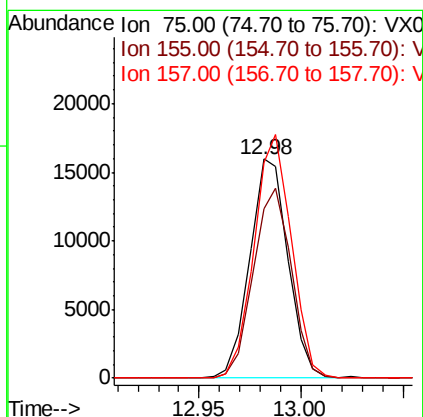
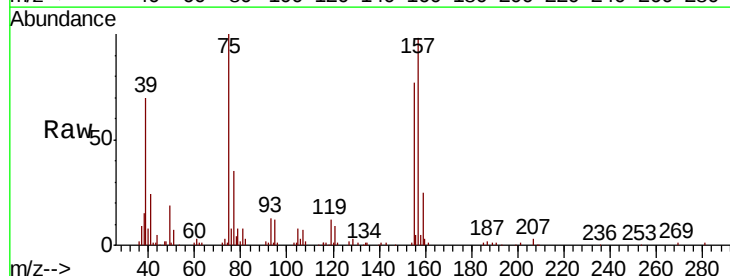
Instrument :
 MSVOA_X
 ClientSampled :

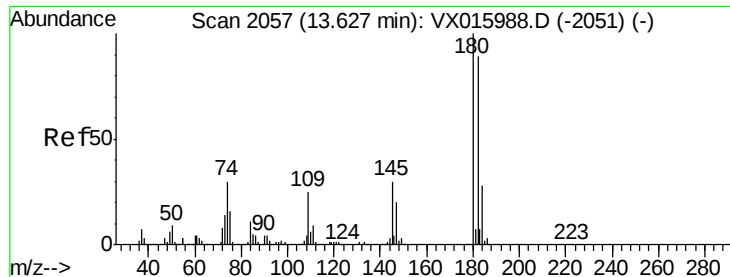
Tot Ion:146 Resp: 124234
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.7 62.1
 148 63.8 32.0 96.2



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.570 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016116.D
 Acq: 08 May 2020 13:25

Tgt Ion: 75 Resp: 20861
 Ion Ratio Lower Upper
 75 100
 155 85.8 66.9 100.3
 157 108.2 88.2 132.2

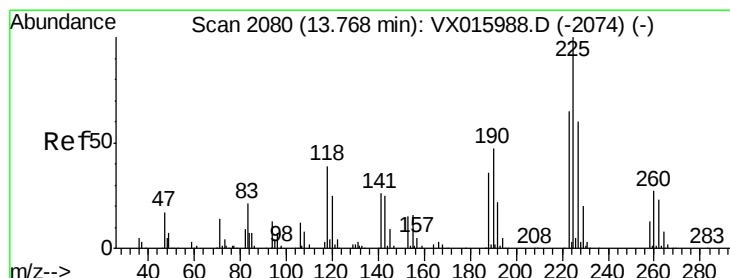
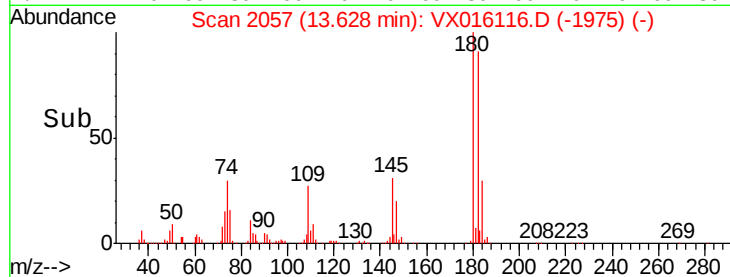
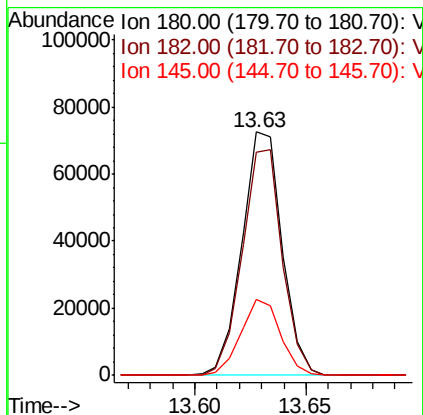
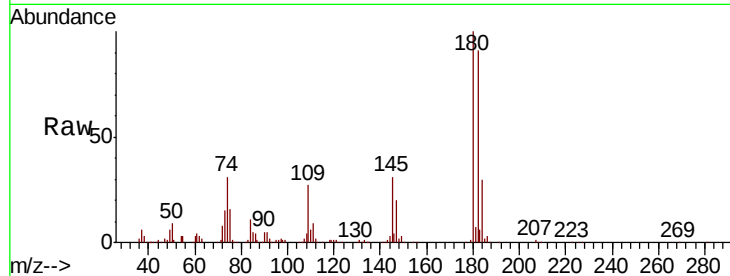




#89
 1,2,4-Trichlorobenzene
 Concen: 18.499 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016116.D
 Acq: 08 May 2020 13:25

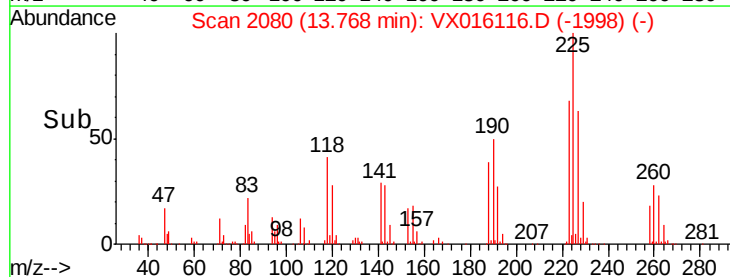
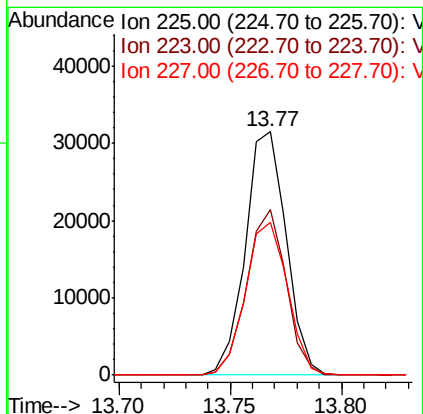
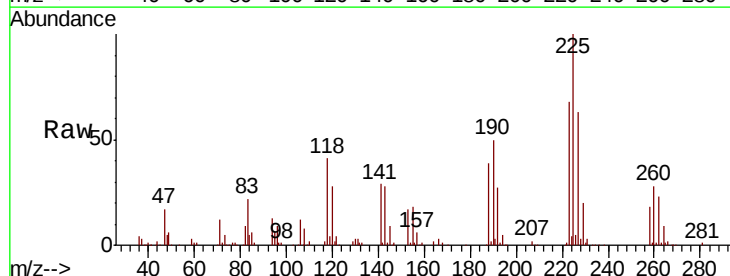
Instrument :
 MSVOA_X
 ClientSampleId :

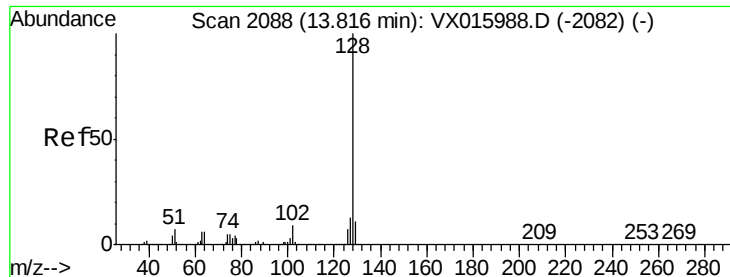
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.6	75.0	112.6
145	30.7	23.9	35.9



#90
 Hexachlorobutadiene
 Concen: 19.025 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016116.D
 Acq: 08 May 2020 13:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.7	0.0	123.6
227	64.3	0.0	123.6





#91

Naphthalene

Concen: 18.694 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

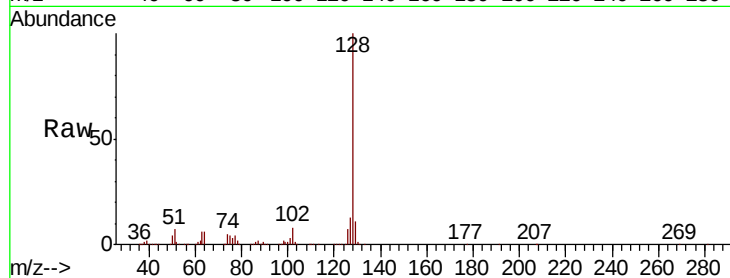
Tot Ion:128 Resp: 294006

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

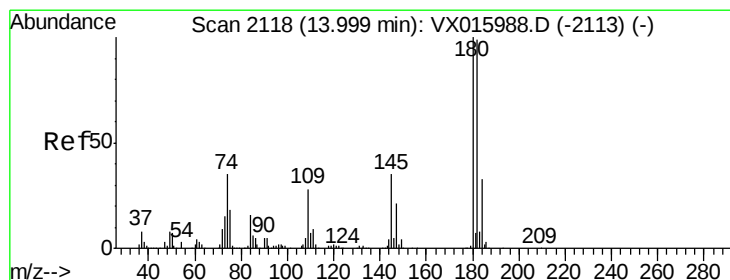
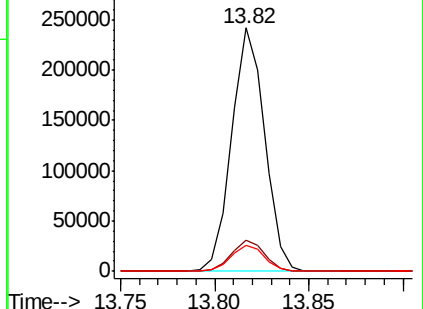
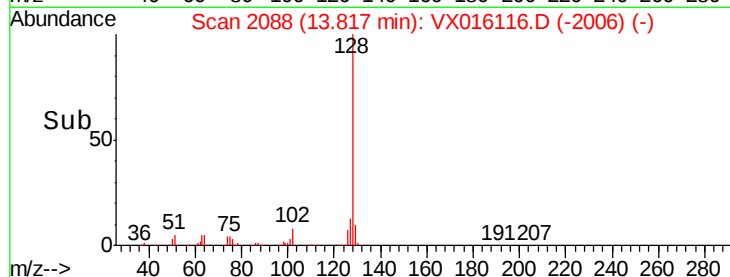
129 10.8 8.6 13.0



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: 19.107 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX016116.D

Acq: 08 May 2020 13:25

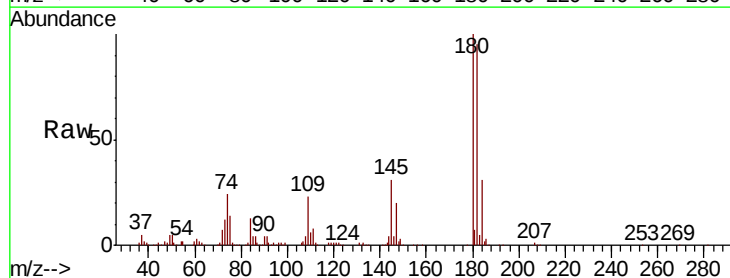
Tgt Ion:180 Resp: 90676

Ion Ratio Lower Upper

180 100

182 94.6 0.0 197.2

145 32.3 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

