

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071020\
 Data File : VX017329.D
 Acq On : 10 Jul 2020 12:37
 Operator : JC/SP
 Sample : VX0710WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 11 00:39:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X070920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 09 12:25:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	54092	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	271039	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	261500	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	114978	29.57	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.57%
60) 4-Bromofluorobenzene	11.12	95	131075	29.38	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.93%
63) Toluene-d8	8.70	98	337185	30.48	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	43758	18.506	ug/l 95
3) Chloromethane	1.31	50	46923	18.627	ug/l 96
4) Vinyl Chloride	1.39	62	47294	18.220	ug/l 99
5) Bromomethane	1.64	94	34153	19.741	ug/l 100
6) Chloroethane	1.72	64	31173	18.163	ug/l 100
7) Trichlorofluoromethane	1.92	101	86380	18.734	ug/l 97
8) Diethyl Ether	2.17	74	29451	18.004	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	46084	18.279	ug/l 99
10) 1,1-Dichloroethene	2.36	96	43940	17.677	ug/l 94
11) Methyl Iodide	2.49	142	49892	17.046	ug/l 99
12) Methyl Acetate	2.75	43	65859	19.015	ug/l 97
13) Acrolein	2.28	56	42627	95.172	ug/l 99
14) Acrylonitrile	3.12	53	143751	91.988	ug/l 99
15) Acetone	2.42	58	36495	92.601	ug/l 92
16) Carbon Disulfide	2.55	76	125007	18.541	ug/l 97
17) Allyl chloride	2.71	41	84196	18.207	ug/l 94
18) Methylene Chloride	2.84	84	56686	18.515	ug/l 97
19) trans-1,2-Dichloroethene	3.14	96	53207	18.307	ug/l 98
20) Diisopropyl ether	3.82	45	170960	18.491	ug/l 95
21) 1,1-Dichloroethane	3.67	63	95936	18.513	ug/l 97
22) cis-1,2-Dichloroethene	4.57	96	59478	17.938	ug/l 96
23) tert-Butyl Alcohol	3.01	59	58120	90.133	ug/l # 99
24) Methyl tert-Butyl Ether	3.17	73	172029	18.128	ug/l 100
25) Chloroform	5.18	83	102212	18.512	ug/l 93
26) Cyclohexane	5.55	56	74110	18.357	ug/l # 96
29) 1,1-Dichloropropene	5.77	75	72451	19.384	ug/l 98
30) 2-Butanone	4.64	43	193044	94.426	ug/l 98
31) 2,2-Dichloropropane	4.55	77	88368	18.872	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	94228	19.364	ug/l 99
33) Carbon Tetrachloride	5.75	117	87028	19.394	ug/l 96
34) Benzene	6.12	78	211282	18.998	ug/l 99
35) Methacrylonitrile	5.01	41	42183	18.429	ug/l 94
36) 1,2-Dichloroethane	6.17	62	83676	19.104	ug/l 99
37) Trichloroethene	7.19	130	62381	18.649	ug/l 92
38) Methylcyclohexane	7.44	83	75007	19.044	ug/l 99
39) 1,2-Dichloropropane	7.49	63	56002	19.271	ug/l 91
40) Dibromomethane	7.64	93	39447	18.842	ug/l 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071020\
 Data File : VX071329.D
 Acq On : 10 Jul 2020 12:37
 Operator : JC/SP
 Sample : VX0710WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 11 00:39:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X070920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 09 12:25:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	82497	18.881	ug/l	96
42) Vinyl Acetate	3.79	43	737570	94.406	ug/l	100
44) Isopropyl Acetate	6.42	43	124318	18.581	ug/l	98
45) 1,4-Dioxane	7.71	88	23234	364.309	ug/l	96
46) Methyl methacrylate	7.74	41	60651	18.608	ug/l	98
47) n-amyl Acetate	10.88	43	105162	17.751	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	87331	18.105	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	93340	18.493	ug/l	94
50) 1,1,2-Trichloroethane	9.20	97	58287	18.793	ug/l	98
51) Ethyl methacrylate	9.16	69	80789	17.878	ug/l	99
52) 1,3-Dichloropropane	9.35	76	95215	18.846	ug/l	99
53) Dibromochloromethane	9.57	129	67583	17.851	ug/l	95
54) 1,2-Dibromoethane	9.65	107	61736	18.616	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	223343	103.422	ug/l	99
56) Bromoform	10.84	173	53119	17.986	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	396777	95.759	ug/l	99
59) 2-Hexanone	9.47	43	296691	93.930	ug/l	99
61) Tetrachloroethene	9.32	164	63804	19.153	ug/l	98
62) Toluene	8.77	91	230719	18.637	ug/l	100
64) Chlorobenzene	10.12	112	153370	18.569	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.20	131	62919	18.645	ug/l	98
66) Ethyl Benzene	10.24	91	251283	18.037	ug/l	98
67) m/p-Xylenes	10.34	106	199567	37.081	ug/l	99
68) o-Xylene	10.68	106	93512	18.284	ug/l	97
69) Styrene	10.70	104	164737	18.162	ug/l	98
70) Isopropylbenzene	11.00	105	258957	18.458	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.25	83	80393	18.272	ug/l	97
72) 1,2,3-Trichloropropane	11.28	75	103433	23.932	ug/l	90
73) Bromobenzene	11.24	156	69593	17.656	ug/l	97
74) n-propylbenzene	11.34	91	293721	18.073	ug/l	100
75) 2-Chlorotoluene	11.40	91	185357	18.708	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	221985	18.443	ug/l	100
77) t-1,4-Dichloro-2-butene	11.05	75	29081	17.646	ug/l	98
78) 4-Chlorotoluene	11.49	91	212302	18.076	ug/l	99
79) tert-butylbenzene	11.76	119	210933	18.060	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	222065	18.287	ug/l	99
81) sec-Butylbenzene	11.93	105	249168	18.508	ug/l	99
82) p-Isopropyltoluene	12.05	119	231089	18.153	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	125412	17.680	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	127812	17.807	ug/l	98
85) n-Butylbenzene	12.37	91	188100	17.488	ug/l	99
86) Hexachloroethane	12.58	117	42822	17.389	ug/l	96
87) 1,2-Dichlorobenzene	12.38	146	121449	17.904	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	18952	17.778	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	80418	17.480	ug/l	96
90) Hexachlorobutadiene	13.76	225	34621	18.760	ug/l	96
91) Naphthalene	13.82	128	242018	17.159	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	78939	17.252	ug/l	98

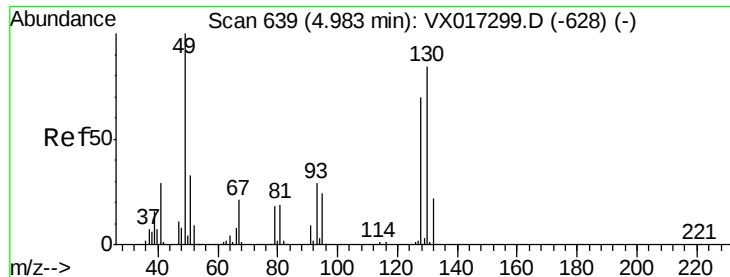
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071020\
Data File : VX017329.D
Acq On : 10 Jul 2020 12:37
Operator : JC/SP
Sample : VX0710WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 11 00:39:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X070920W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jul 09 12:25:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=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: VX017329.D

Acq: 10 Jul 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :

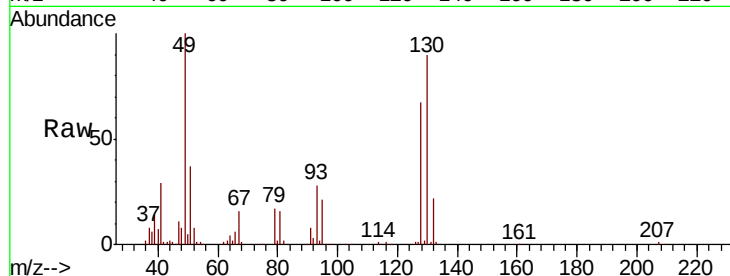
Tot Ion:128 Resp: 54092

Ion Ratio Lower Upper

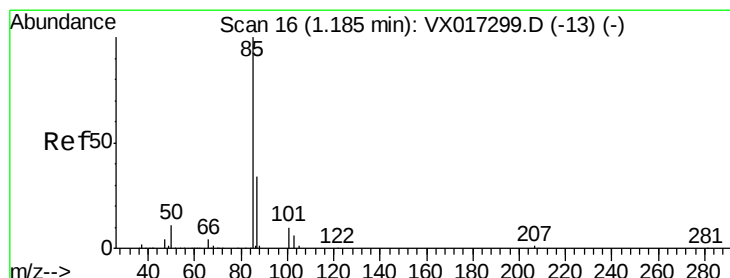
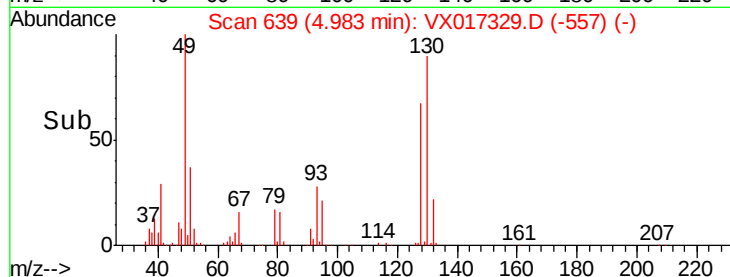
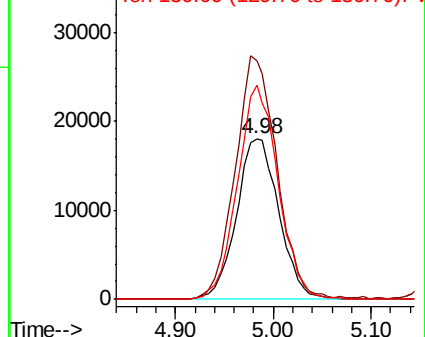
128 100

49 149.2 0.0 358.8

130 128.5 0.0 323.8



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: 18.506 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017329.D

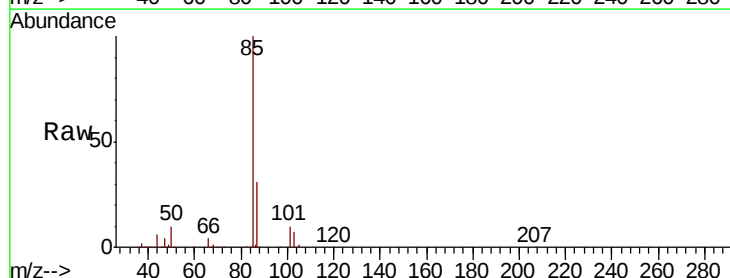
Acq: 10 Jul 2020 12:37

Tgt Ion: 85 Resp: 43758

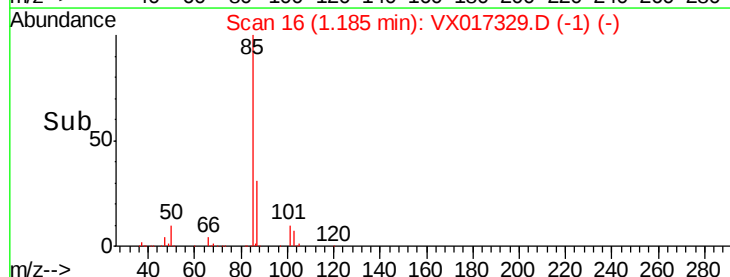
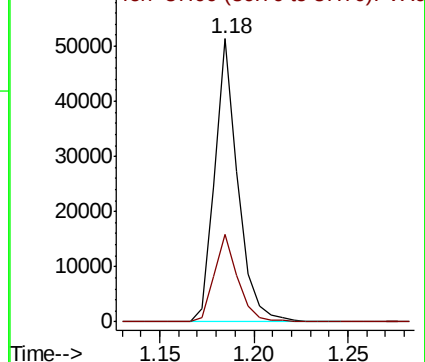
Ion Ratio Lower Upper

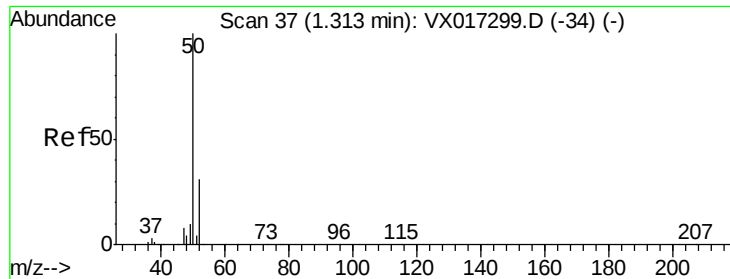
85 100

87 30.8 16.9 50.6



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





#3

Chloromethane

Concen: 18.627 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

Instrument :

MSVOA_X

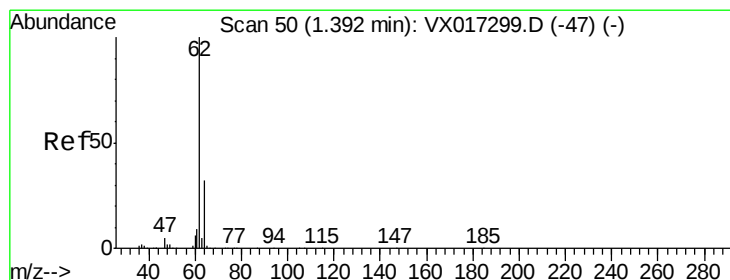
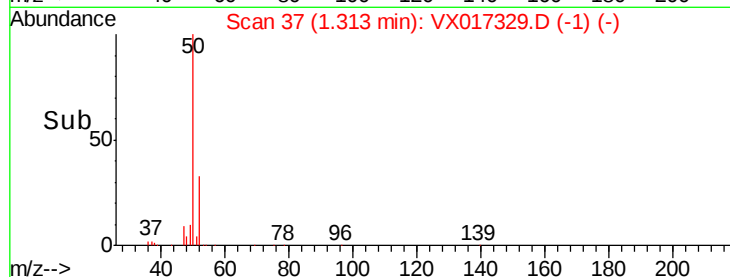
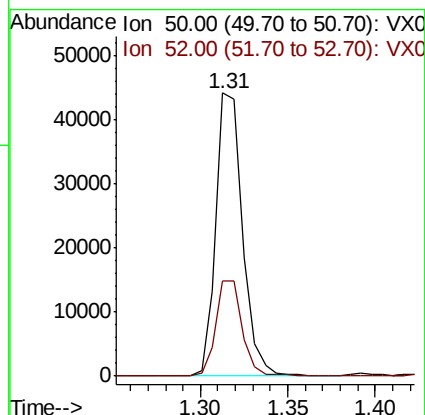
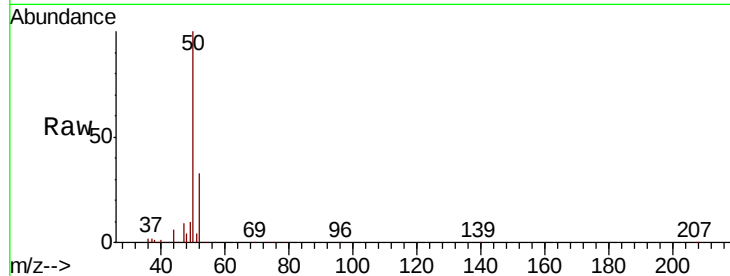
ClientSampleId :

Tot Ion: 50 Resp: 46923

Ion Ratio Lower Upper

50 100

52 33.4 24.8 37.2



#4

Vinyl Chloride

Concen: 18.220 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017329.D

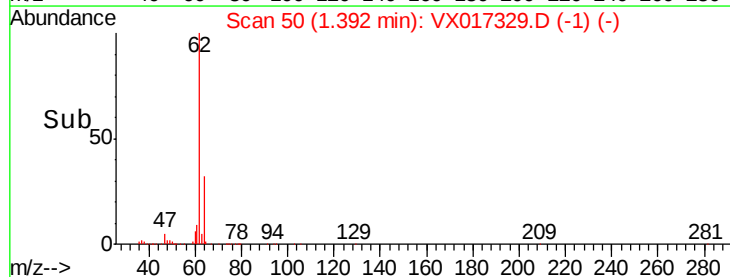
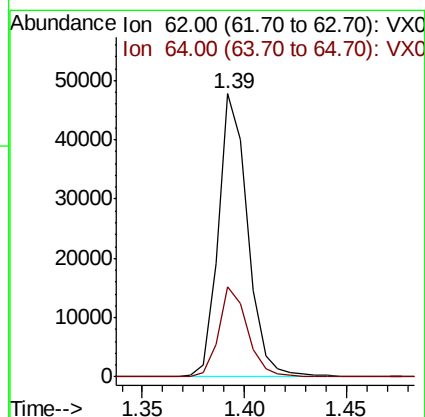
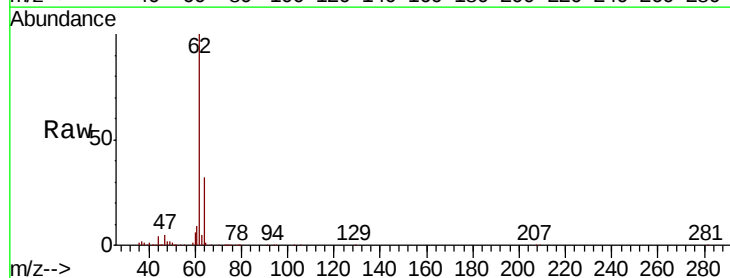
Acq: 10 Jul 2020 12:37

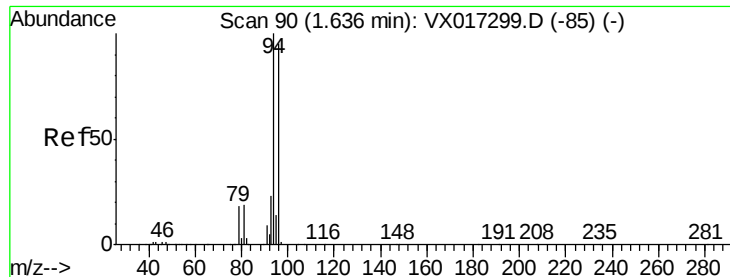
Tgt Ion: 62 Resp: 47294

Ion Ratio Lower Upper

62 100

64 31.9 25.3 37.9





#5

Bromomethane

Concen: 19.741 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

Instrument :

MSVOA_X

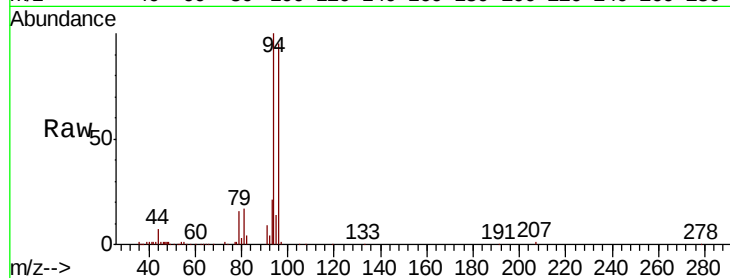
ClientSampled :

Tot Ion: 94 Resp: 34153

Ion Ratio Lower Upper

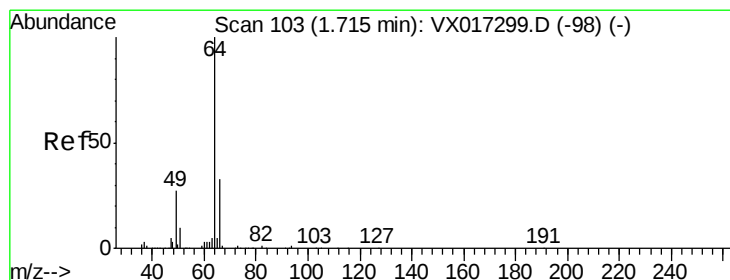
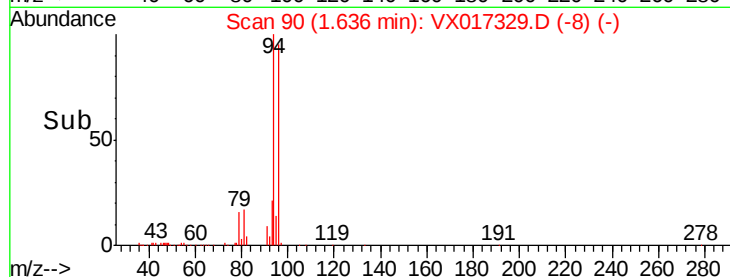
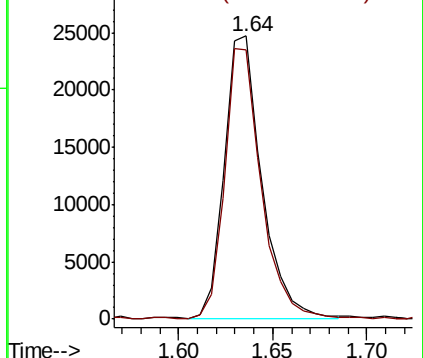
94 100

96 95.0 75.7 113.5



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.163 ug/l

RT: 1.72 min Scan# 103

Delta R.T. -0.00 min

Lab File: VX017329.D

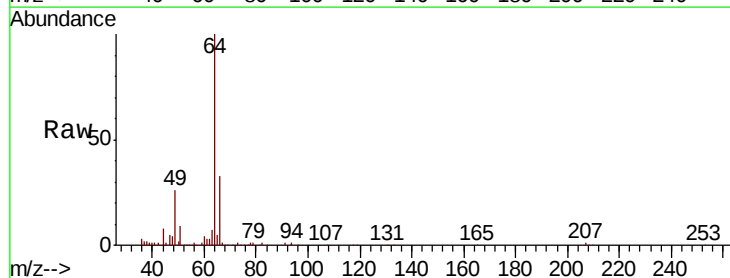
Acq: 10 Jul 2020 12:37

Tgt Ion: 64 Resp: 31173

Ion Ratio Lower Upper

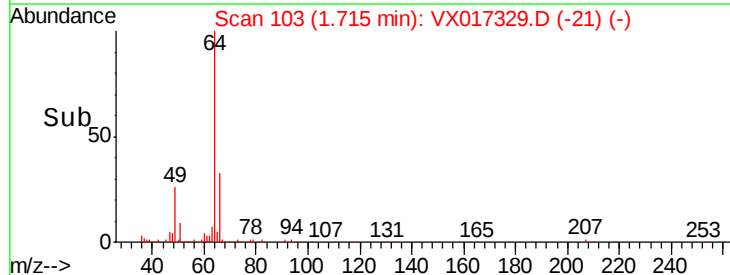
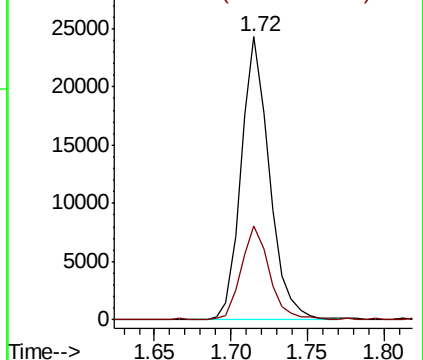
64 100

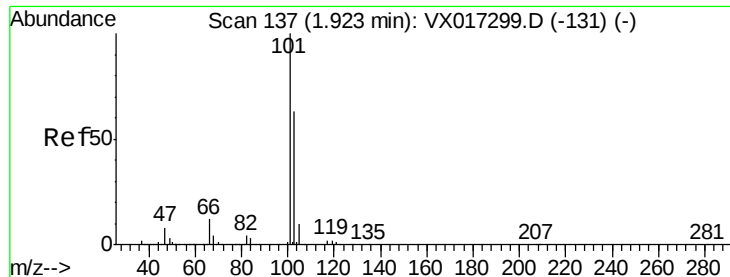
66 32.7 26.1 39.1



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



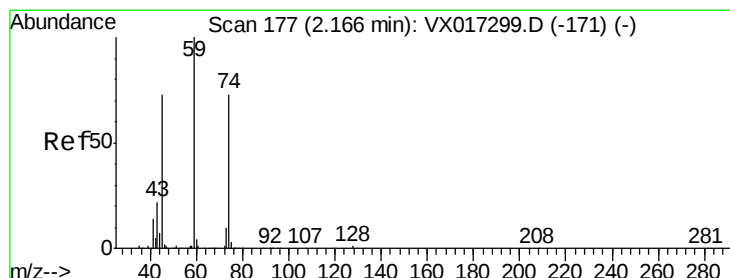
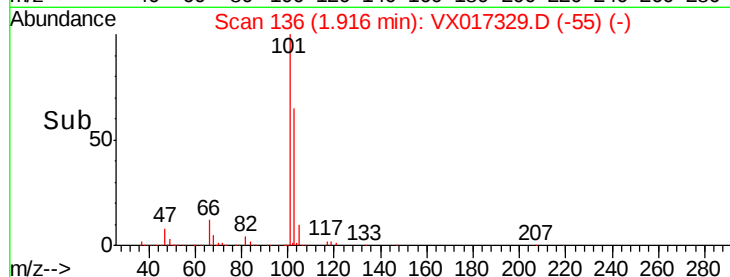
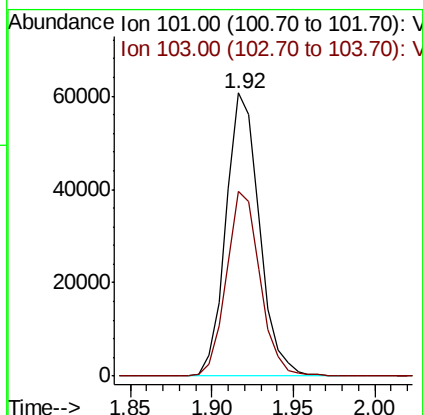
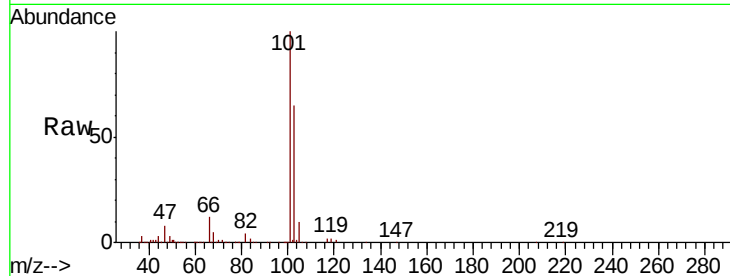


#7

Trichlorofluoromethane
 Concen: 18.734 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: VX017329.D
 Acq: 10 Jul 2020 12:37

Instrument :
 MSVOA_X
 ClientSampleId :

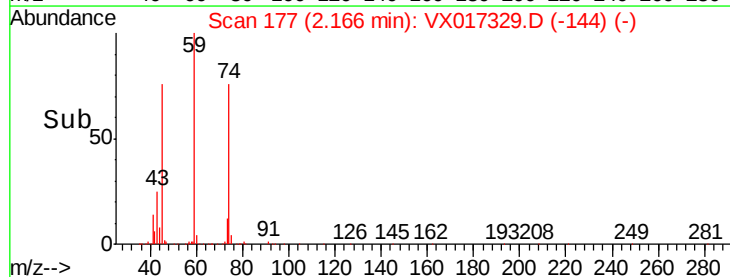
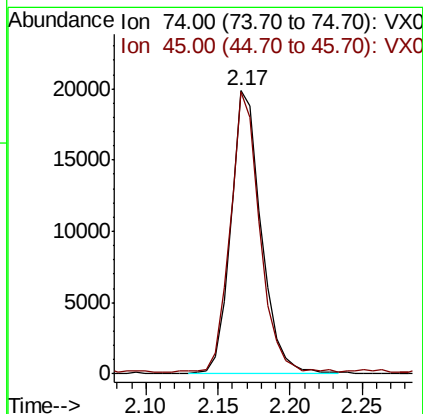
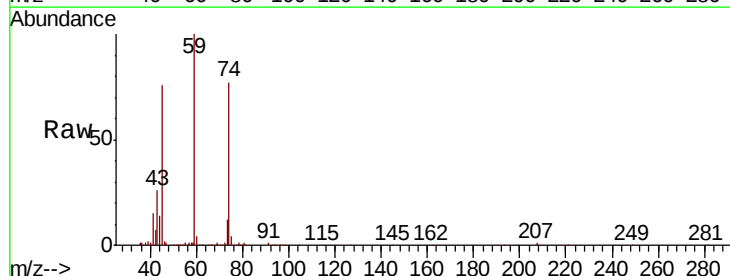
Tot Ion:101 Resp: 86380
 Ion Ratio Lower Upper
 101 100
 103 65.2 50.1 75.1

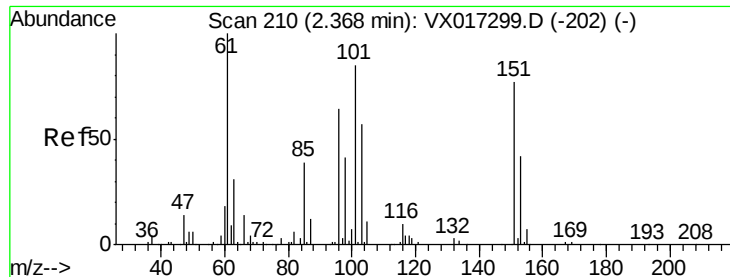


#8

Diethyl Ether
 Concen: 18.004 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX017329.D
 Acq: 10 Jul 2020 12:37

Tgt Ion: 74 Resp: 29451
 Ion Ratio Lower Upper
 74 100
 45 94.5 18.9 170.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.279 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

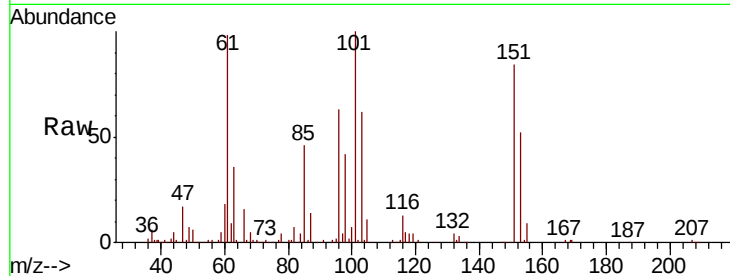
Tot Ion:101 Resp: 46084

Ion Ratio Lower Upper

101 100

85 43.9 0.0 87.8

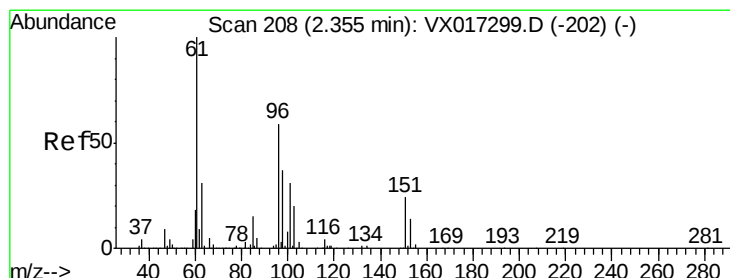
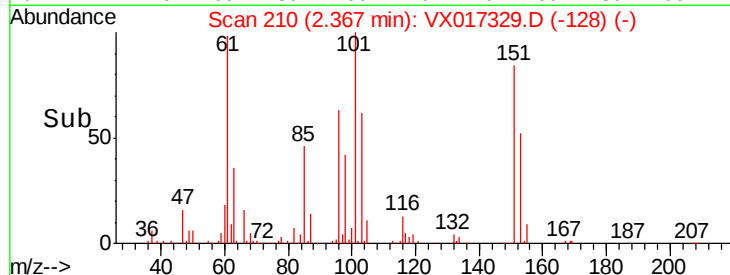
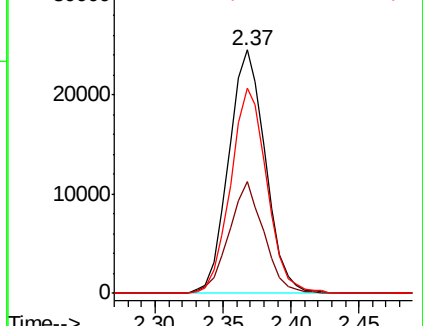
151 83.4 0.0 170.2



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: 17.677 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

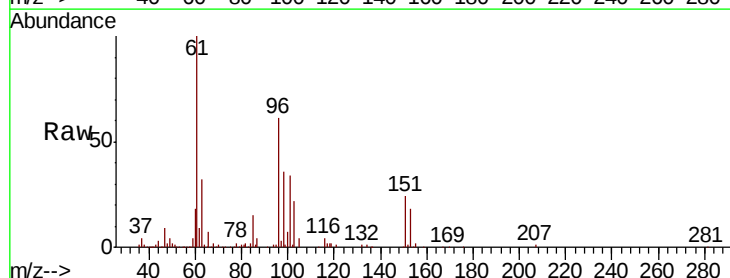
Tgt Ion: 96 Resp: 43940

Ion Ratio Lower Upper

96 100

61 163.6 137.0 205.4

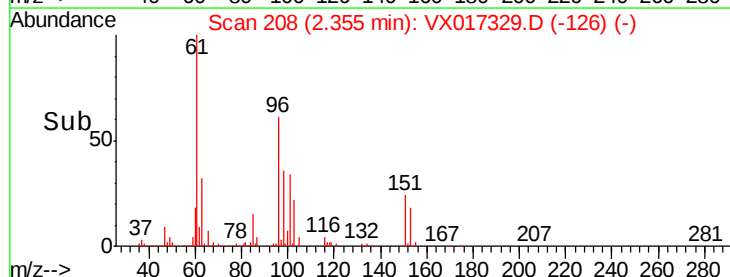
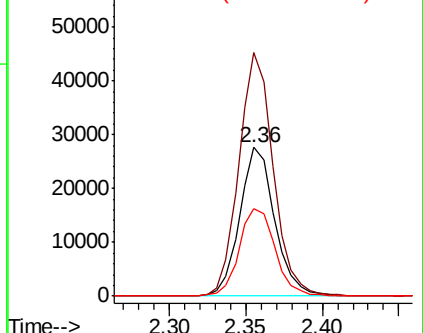
98 59.0 51.1 76.7

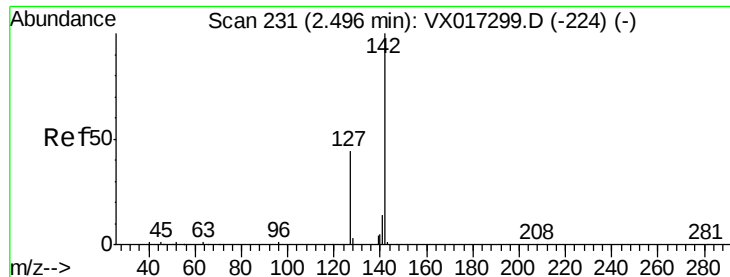


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

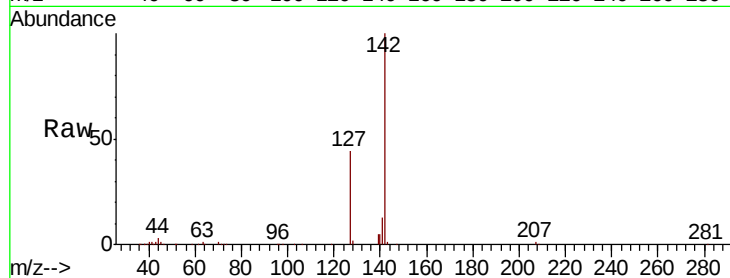




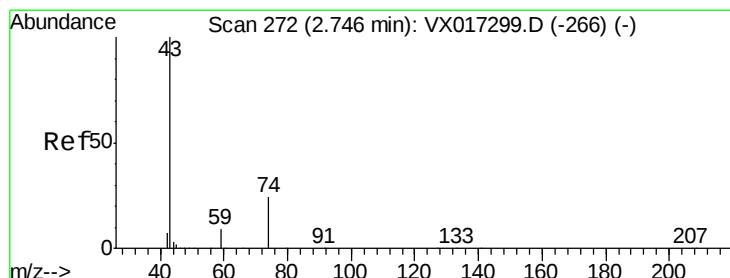
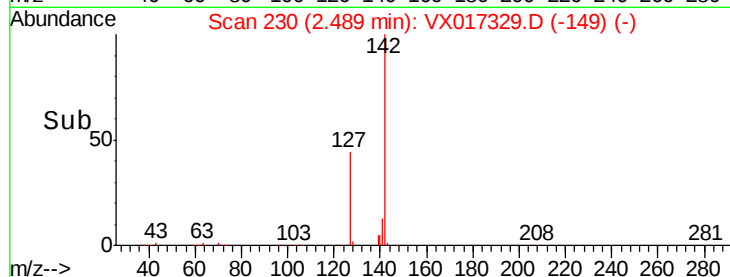
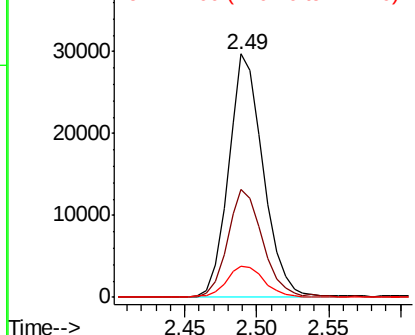
#11
Methvl Iodide
Concen: 17.046 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX017329.D
Acq: 10 Jul 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:142 Resp: 49892
Ion Ratio Lower Upper
142 100
127 44.1 21.9 65.7
141 12.6 7.0 21.1

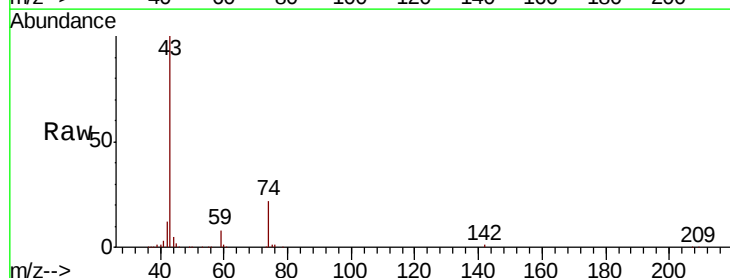


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

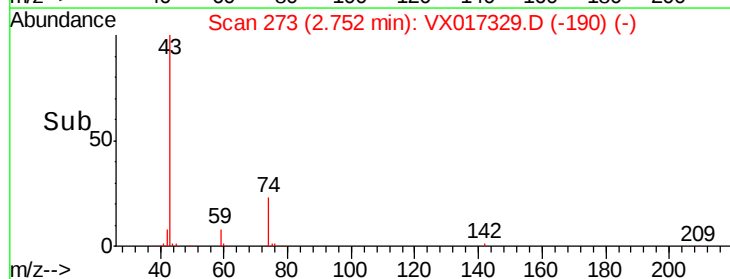
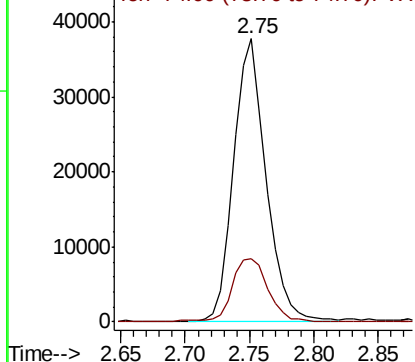


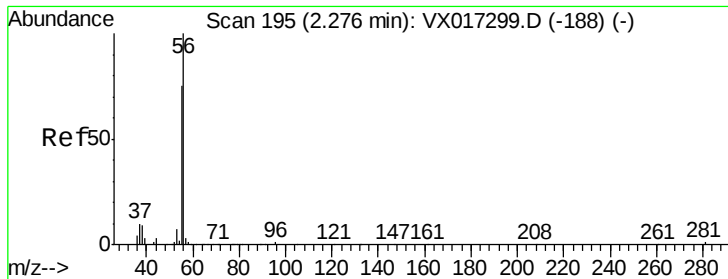
#12
Methyl Acetate
Concen: 19.015 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017329.D
Acq: 10 Jul 2020 12:37

Tgt Ion: 43 Resp: 65859
Ion Ratio Lower Upper
43 100
74 22.3 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 95.172 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

Instrument :

MSVOA_X

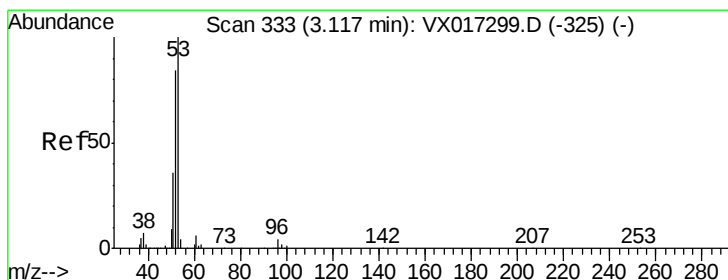
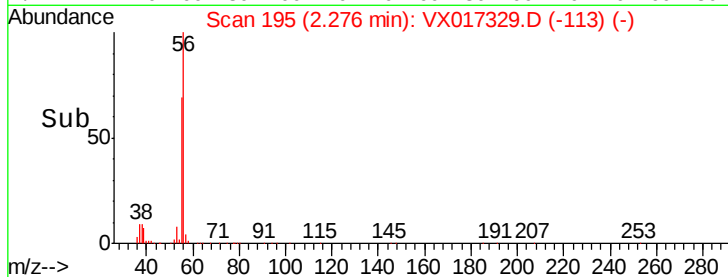
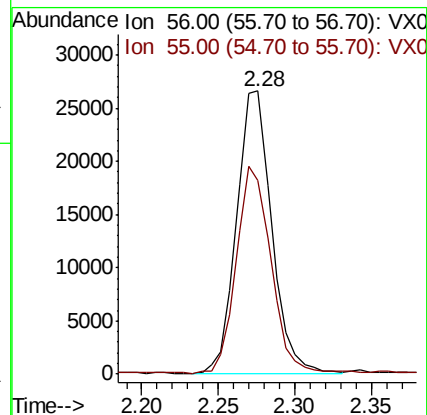
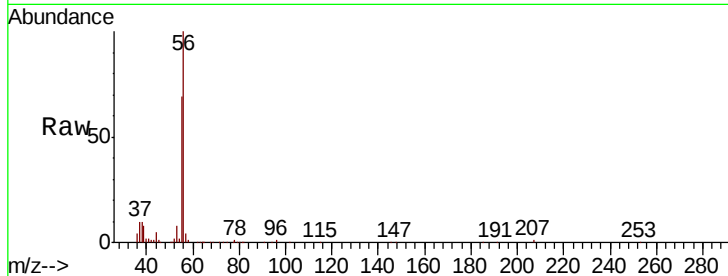
ClientSampleId :

Tot Ion: 56 Resp: 42627

Ion Ratio Lower Upper

56 100

55 71.9 58.5 87.7



#14

Acrylonitrile

Concen: 91.988 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

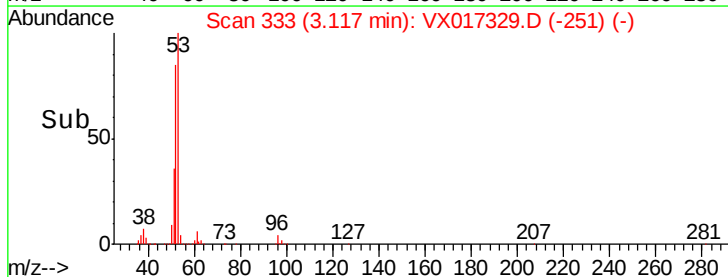
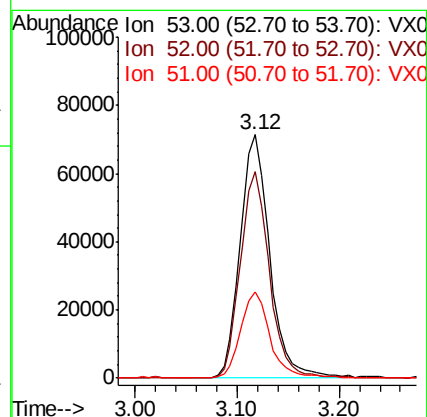
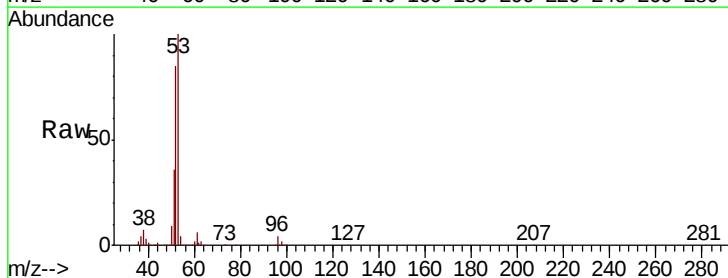
Tgt Ion: 53 Resp: 143751

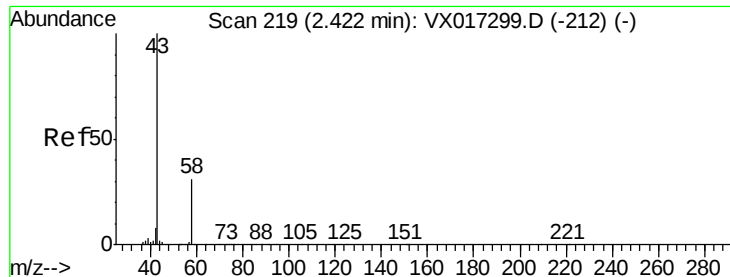
Ion Ratio Lower Upper

53 100

52 83.2 41.3 123.9

51 35.5 18.1 54.1





#15

Acetone

Concen: 92.601 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

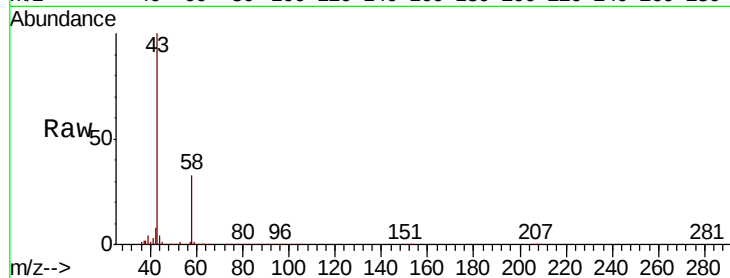
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 36495

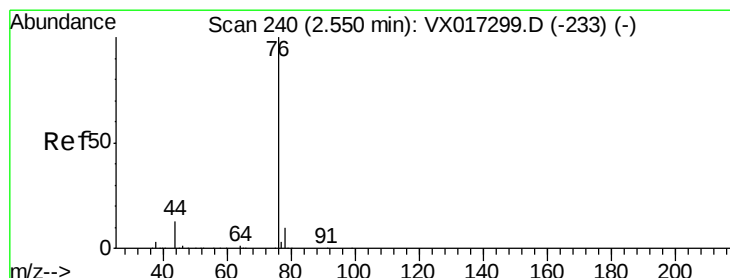
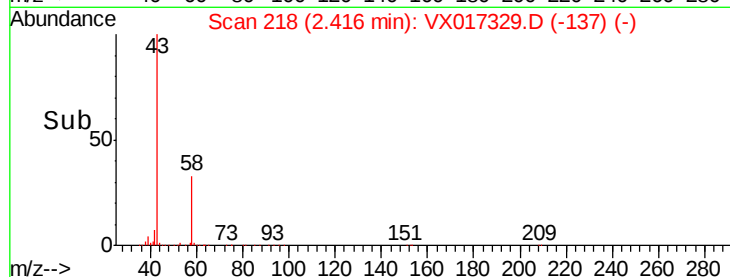
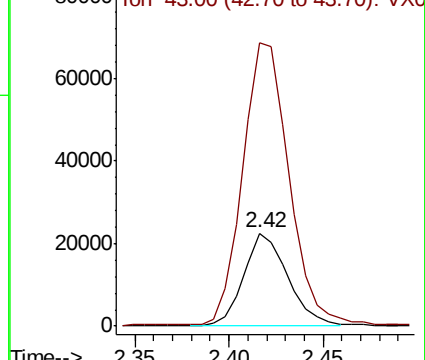
Ion Ratio Lower Upper

58 100

43 303.1 255.0 382.4



Abundance Ion 58.00 (57.70 to 58.70): VX0
Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 18.541 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017329.D

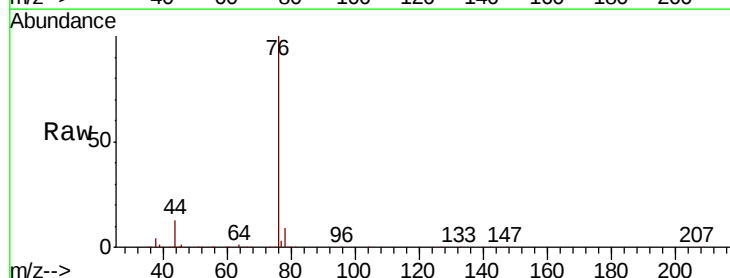
Acq: 10 Jul 2020 12:37

Tgt Ion: 76 Resp: 125007

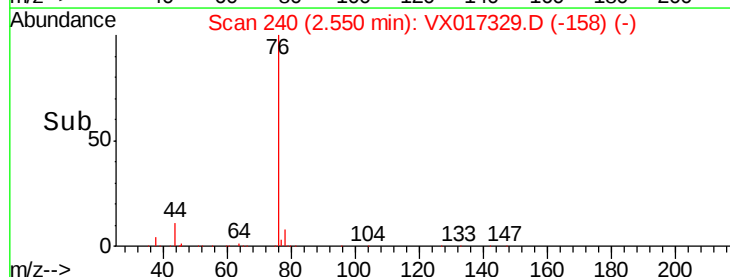
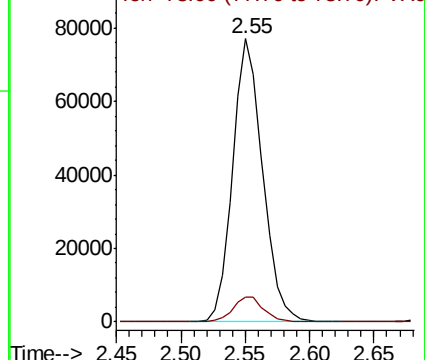
Ion Ratio Lower Upper

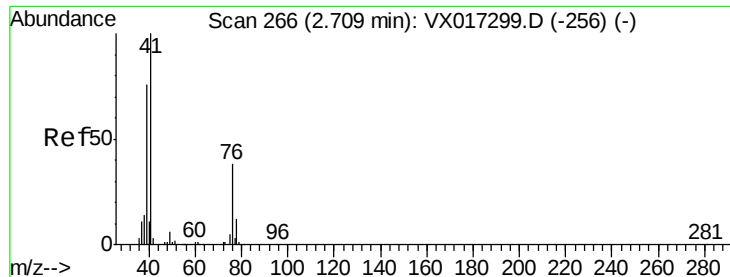
76 100

78 8.7 7.9 11.9



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0

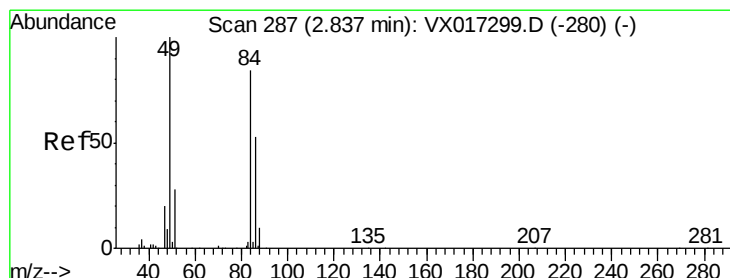
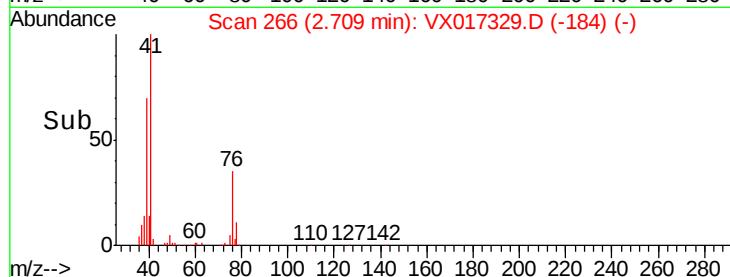
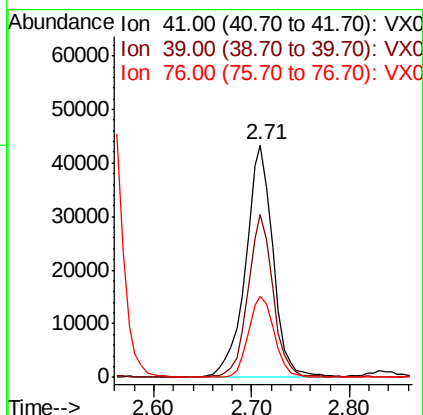
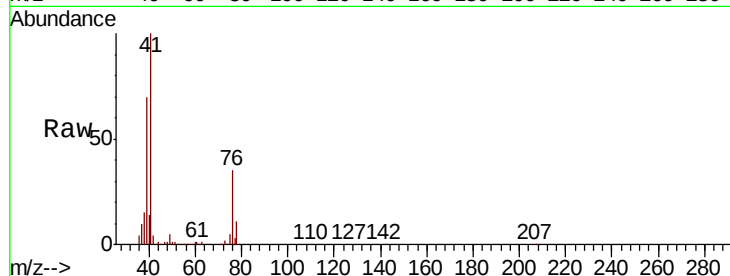




#17
Allvl chloride
Concen: 18.207 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX017329.D
Acq: 10 Jul 2020 12:37

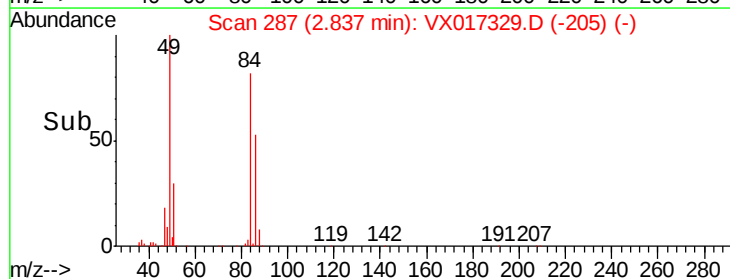
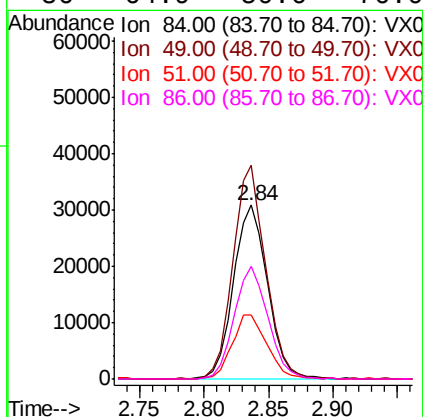
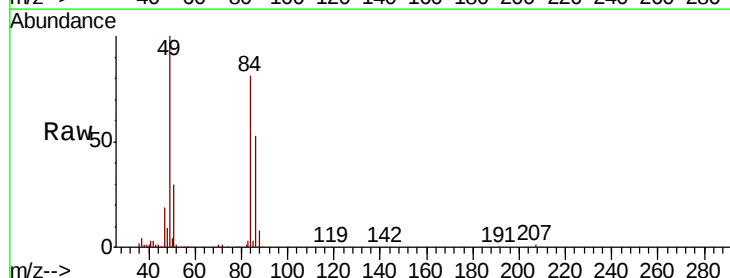
Instrument :
MSVOA_X
ClientSampleId :

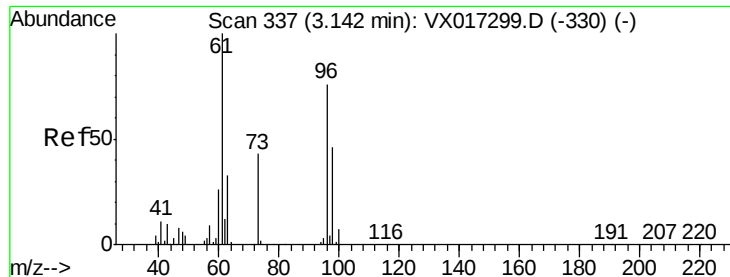
Tot Ion: 41 Resp: 84196
Ion Ratio Lower Upper
41 100
39 70.0 38.1 114.5
76 34.7 18.8 56.4



#18
Methylene Chloride
Concen: 18.515 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX017329.D
Acq: 10 Jul 2020 12:37

Tgt Ion: 84 Resp: 56686
Ion Ratio Lower Upper
84 100
49 122.5 95.7 143.5
51 37.1 27.2 40.8
86 64.9 50.6 76.0





#19

trans-1,2-Dichloroethene

Concen: 18.307 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :

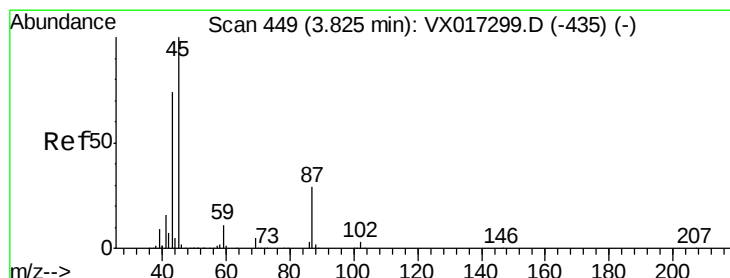
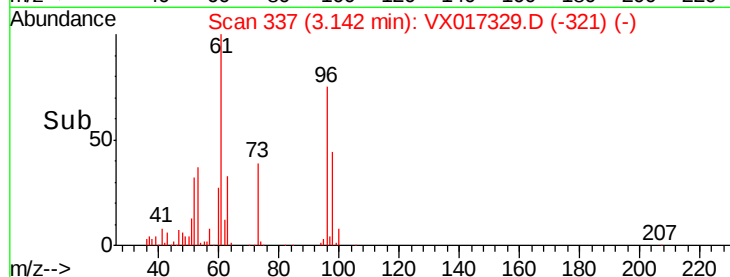
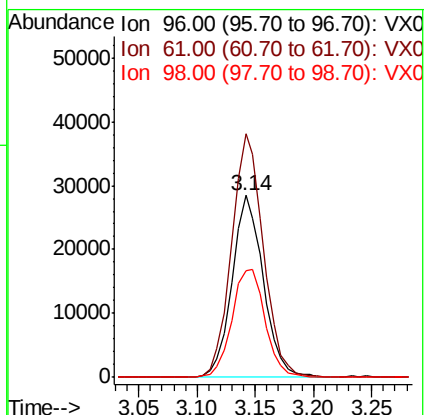
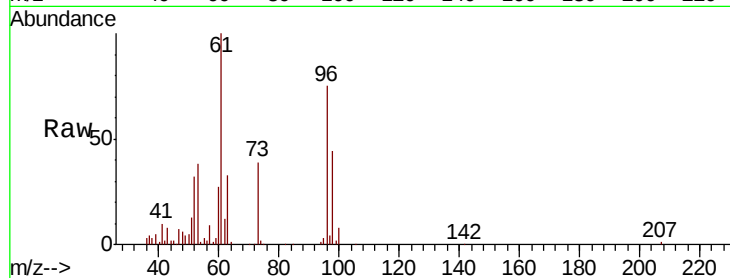
Tot Ion: 96 Resp: 53207

Ion Ratio Lower Upper

96 100

61 134.0 105.0 157.6

98 59.0 48.6 73.0



#20

Diisopropyl ether

Concen: 18.491 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

Tgt Ion: 45 Resp: 170960

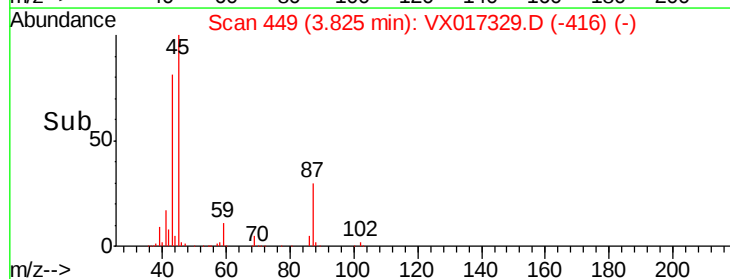
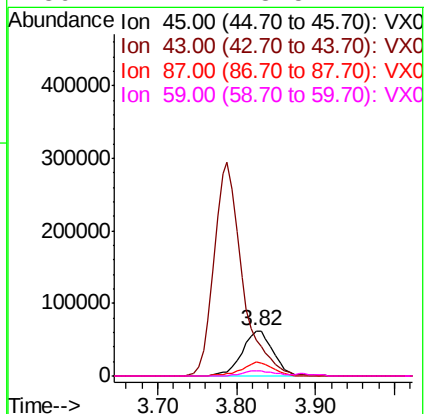
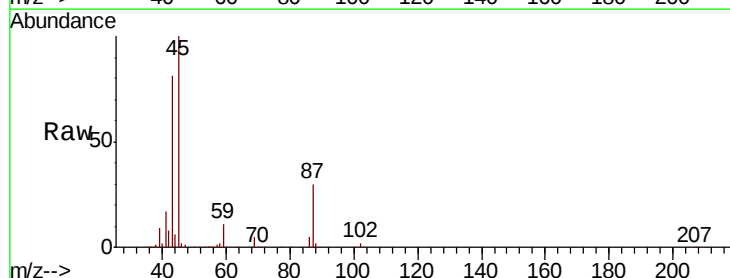
Ion Ratio Lower Upper

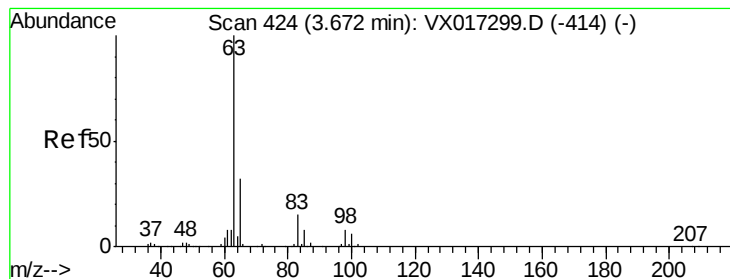
45 100

43 79.6 59.5 89.3

87 30.3 23.2 34.8

59 11.2 8.5 12.7





#21

1,1-Dichloroethane

Concen: 18.513 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

Instrument :

MSVOA_X

ClientSampled :

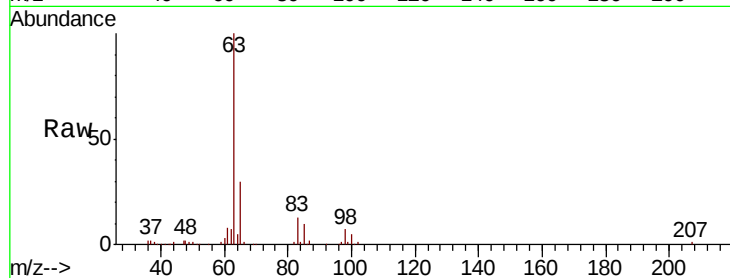
Tot Ion: 63 Resp: 95936

Ion Ratio Lower Upper

63 100

98 6.5 4.2 12.4

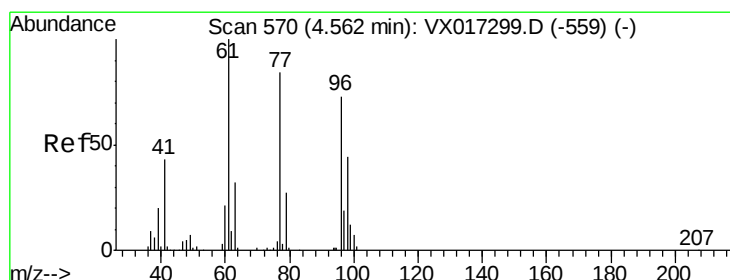
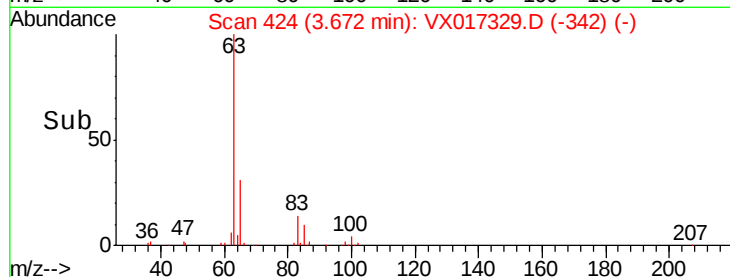
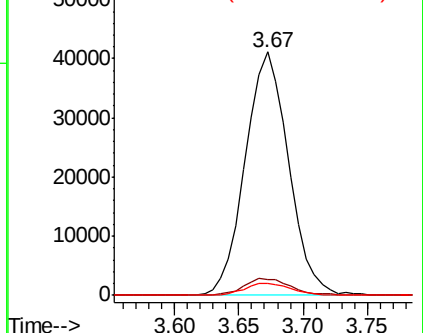
100 5.2 2.8 8.3



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 17.938 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

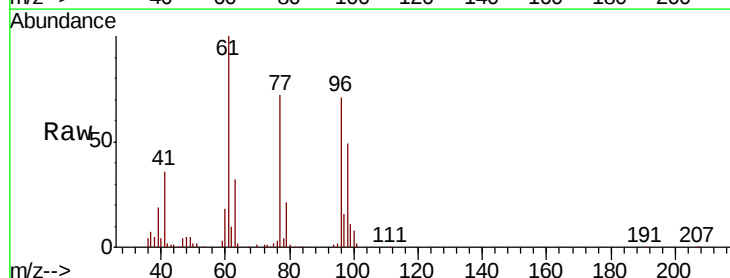
Tgt Ion: 96 Resp: 59478

Ion Ratio Lower Upper

96 100

61 145.9 111.7 167.5

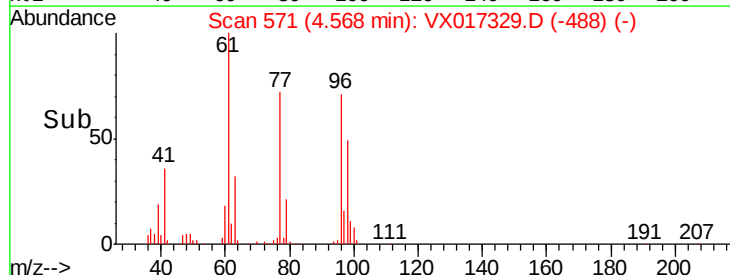
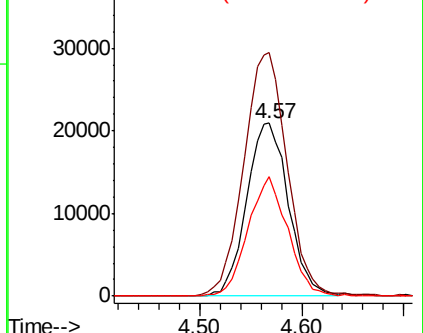
98 65.7 50.9 76.3

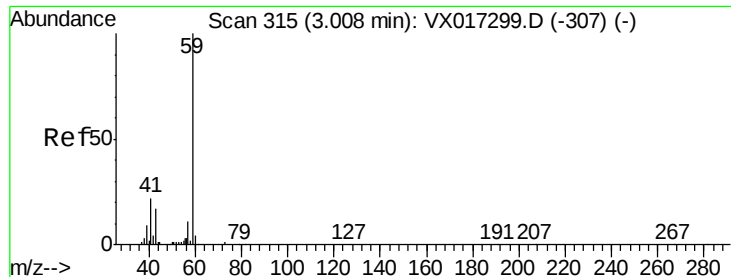


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



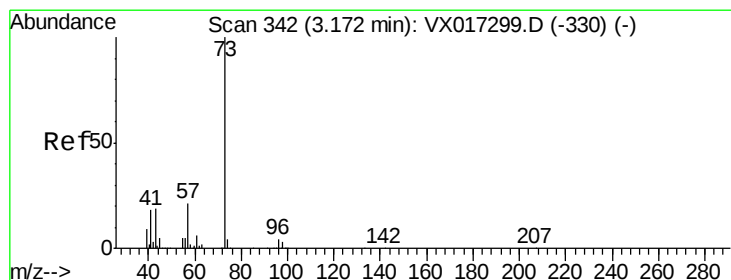
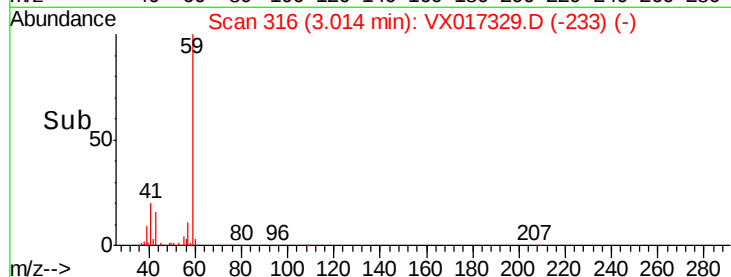
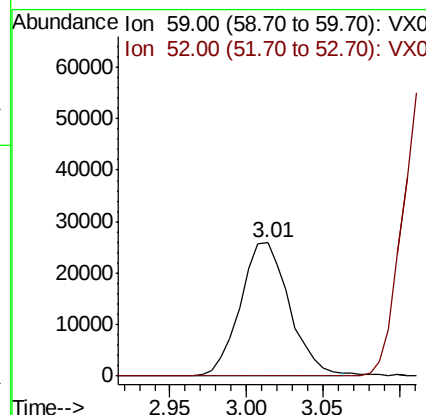
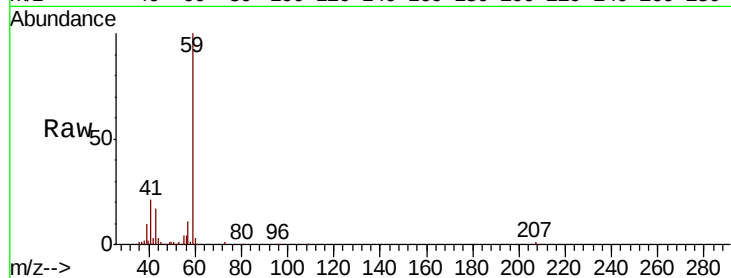


#23

tert-Butyl Alcohol
 Concen: 90.133 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX017329.D
 Acq: 10 Jul 2020 12:37

Instrument :
 MSVOA_X
 ClientSampleId :

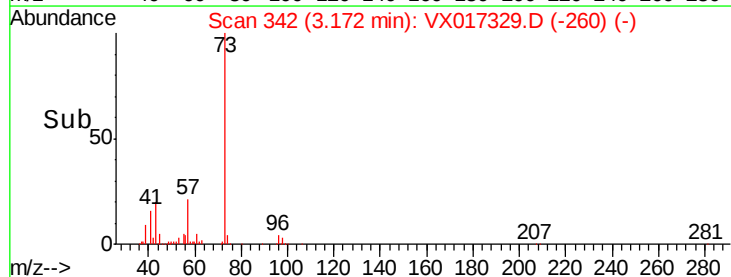
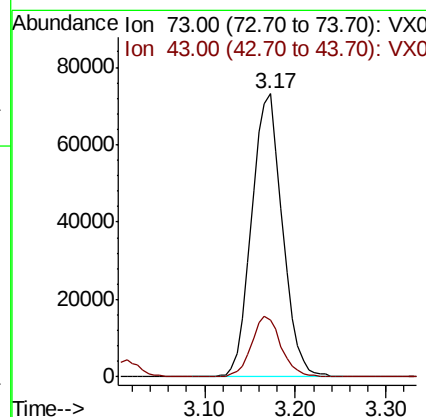
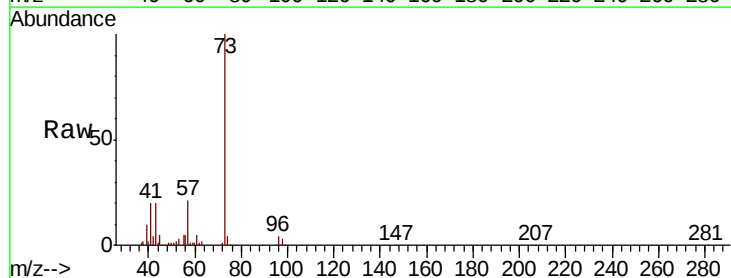
Tot Ion: 59 Resp: 58120
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.4 0.6#

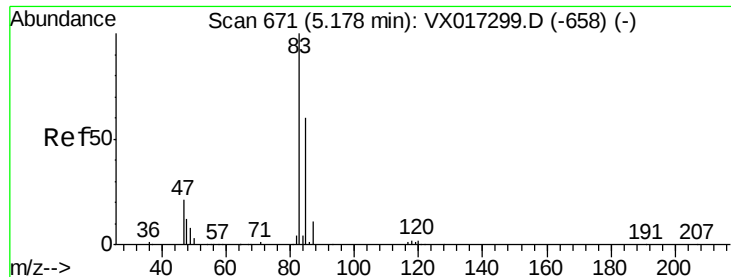


#24

Methyl tert-Butyl Ether
 Concen: 18.128 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VX017329.D
 Acq: 10 Jul 2020 12:37

Tgt Ion: 73 Resp: 172029
 Ion Ratio Lower Upper
 73 100
 43 20.4 16.3 24.5





#25

Chloroform

Concen: 18.512 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

Instrument :

MSVOA_X

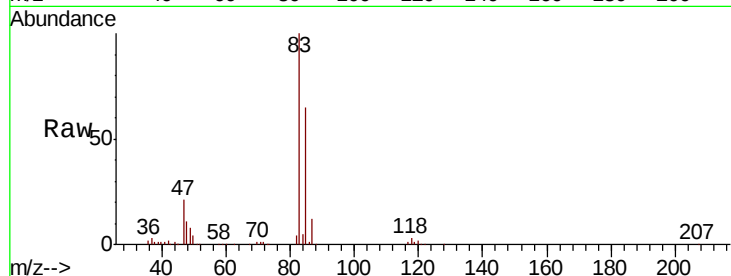
ClientSampleId :

Tot Ion: 83 Resp: 102212

Ion Ratio Lower Upper

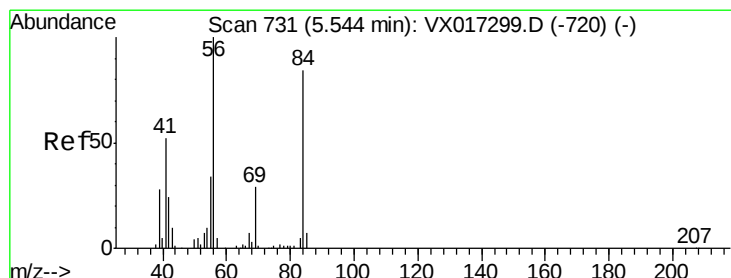
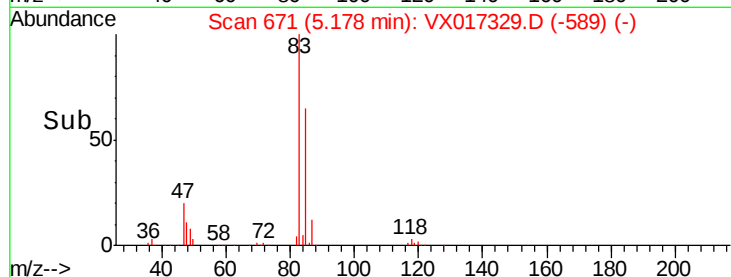
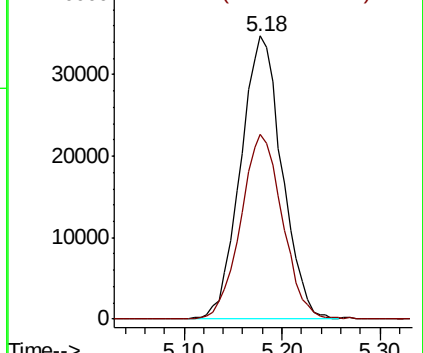
83 100

85 65.2 47.8 71.8



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 18.357 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.01 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

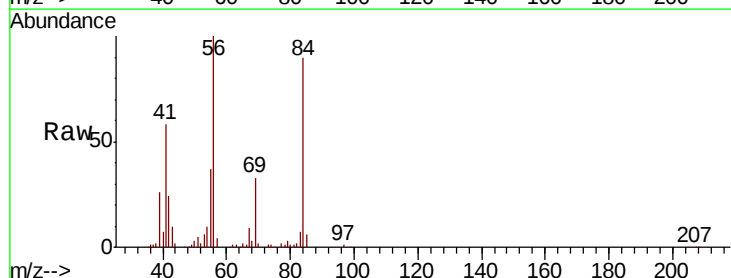
Tgt Ion: 56 Resp: 74110

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

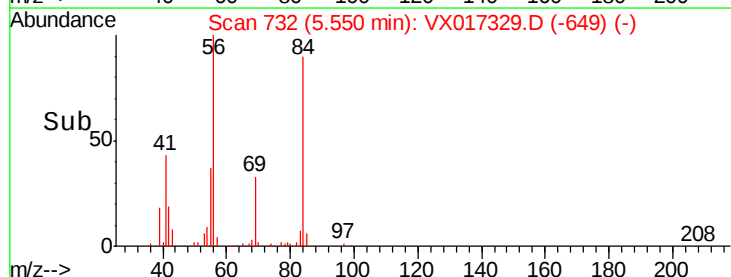
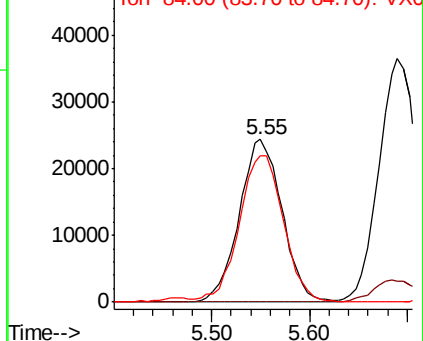
84 93.0 71.5 107.3

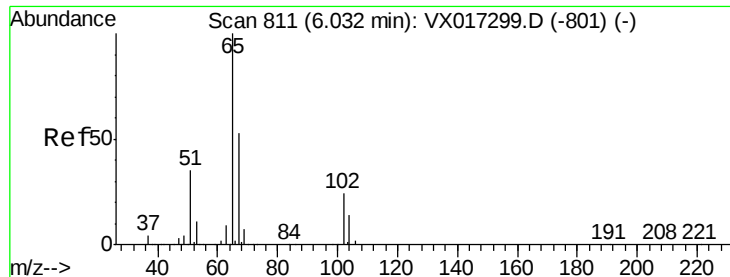


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 29.575 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

Instrument :

MSVOA_X

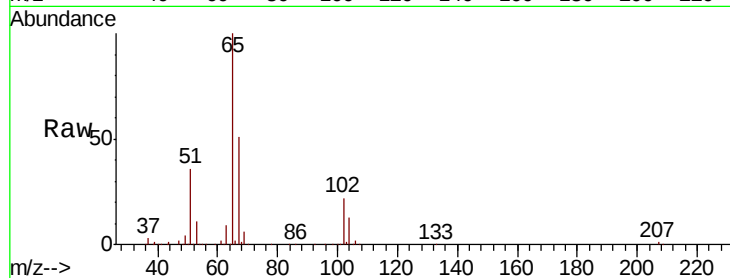
ClientSampleId :

Tot Ion: 65 Resp: 114978

Ion Ratio Lower Upper

65 100

67 51.8 41.0 61.6



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.03

50000

40000

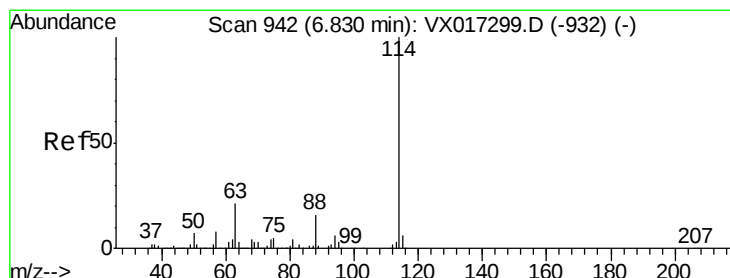
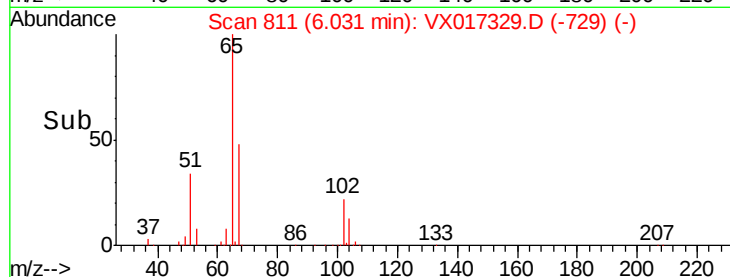
30000

20000

10000

0

Time--> 5.90 6.00 6.10



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

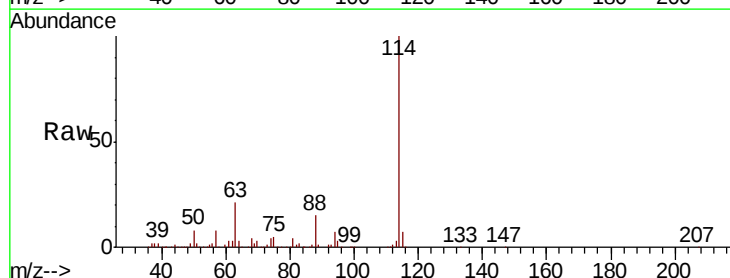
Tgt Ion: 114 Resp: 271039

Ion Ratio Lower Upper

114 100

63 20.3 15.9 23.9

88 16.0 12.4 18.6



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

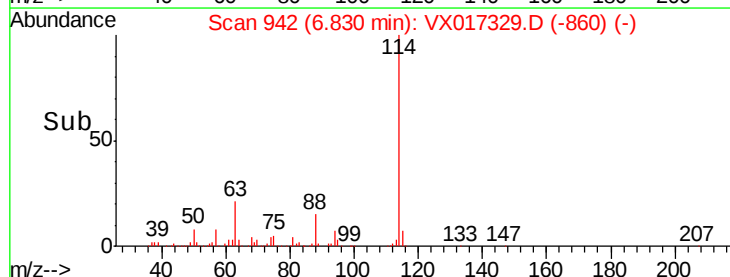
150000

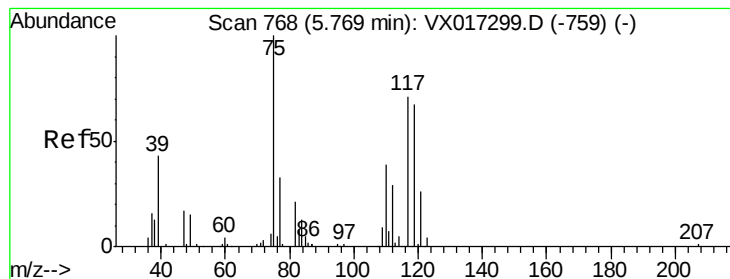
100000

50000

0

Time--> 6.70 6.80 6.90





#29

1,1-Dichloropropene

Concen: 19.384 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

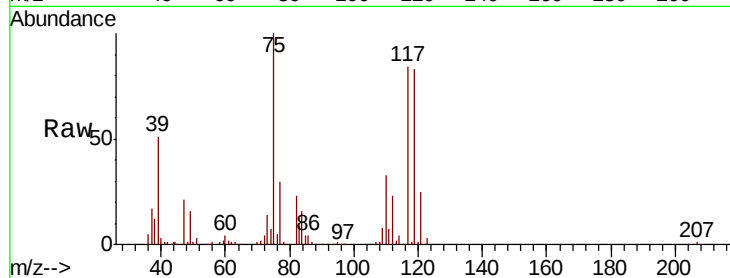
Tot Ion: 75 Resp: 72451

Ion Ratio Lower Upper

75 100

110 36.1 0.0 75.8

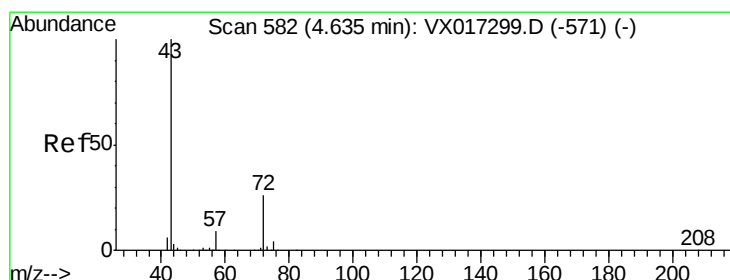
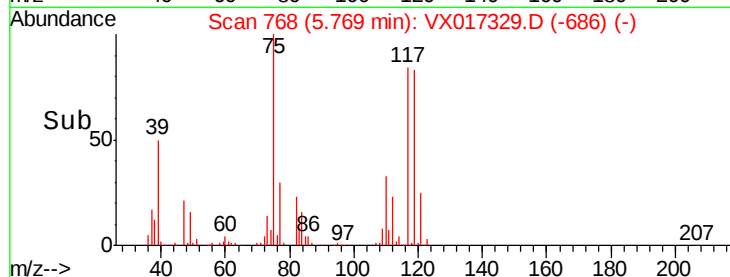
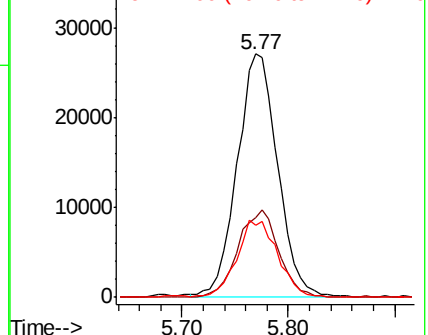
77 31.8 0.0 63.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 94.426 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

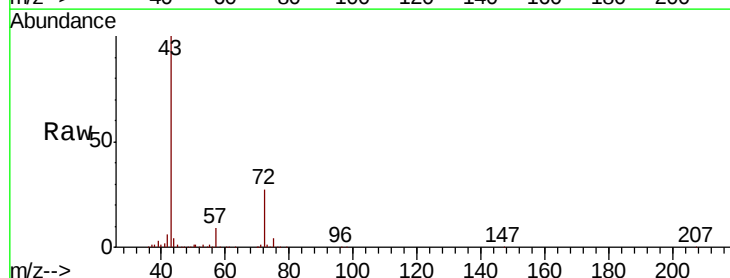
Tgt Ion: 43 Resp: 193044

Ion Ratio Lower Upper

43 100

57 8.3 6.8 10.2

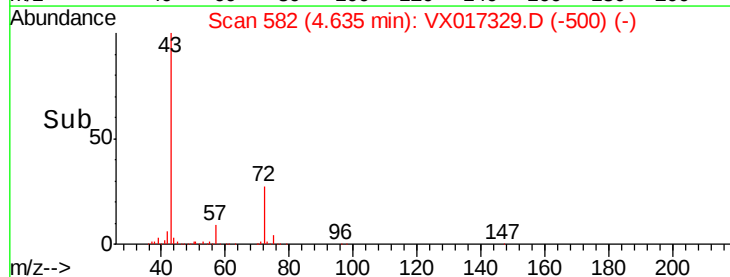
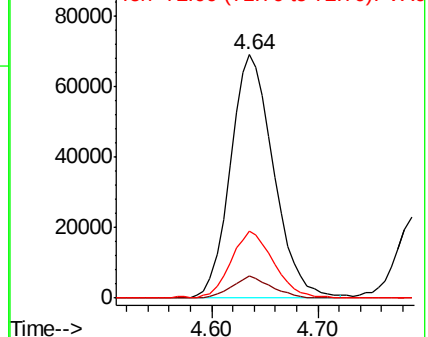
72 27.3 21.0 31.6

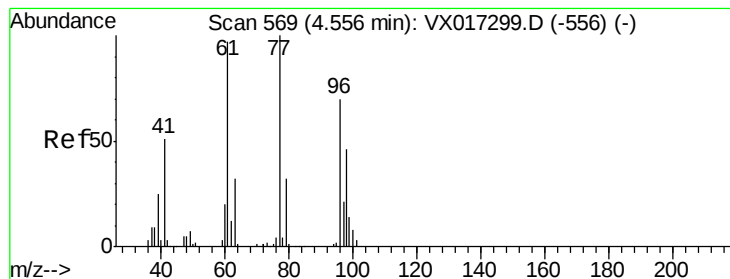


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 18.872 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

Instrument :

MSVOA_X

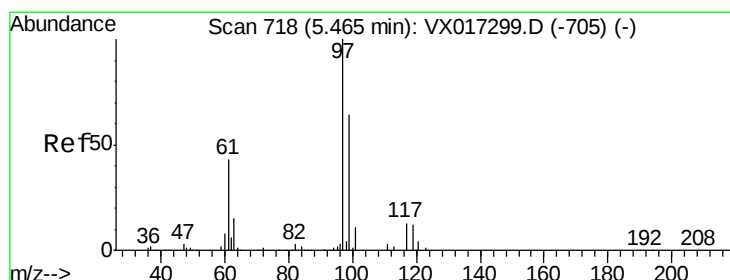
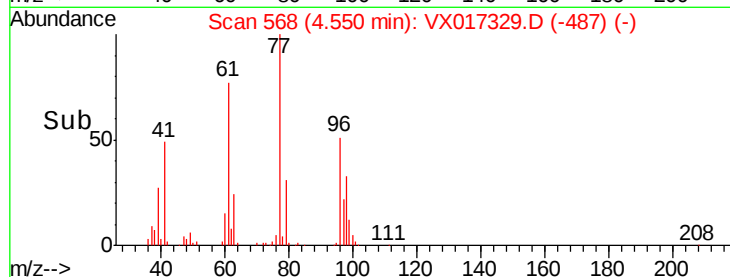
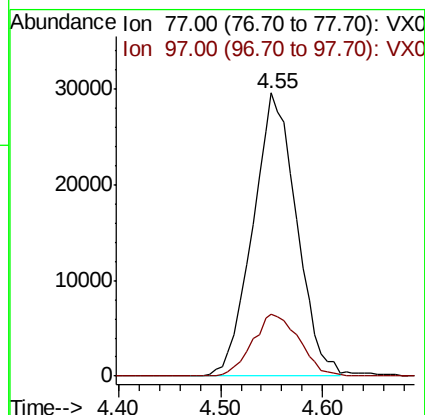
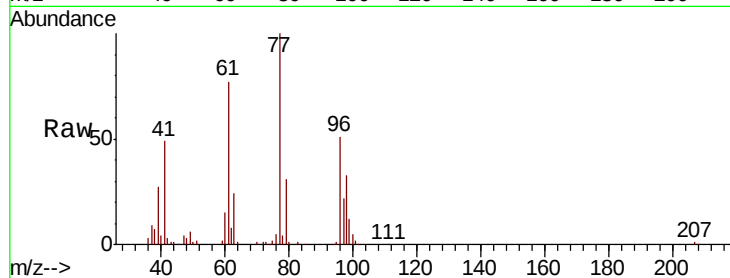
ClientSampled :

Tot Ion: 77 Resp: 88368

Ion Ratio Lower Upper

77 100

97 23.2 18.2 27.2



#32

1,1,1-Trichloroethane

Concen: 19.364 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

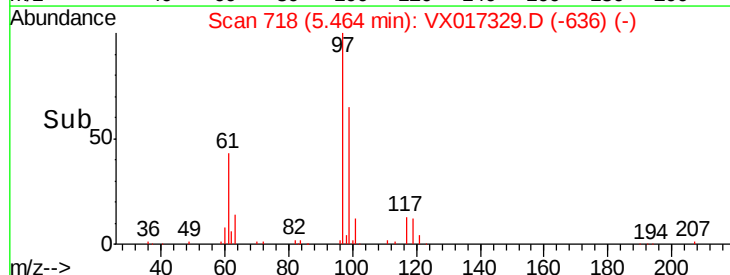
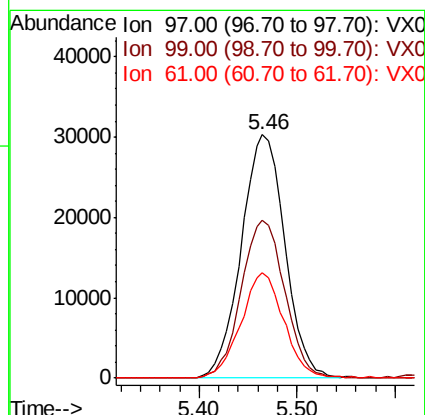
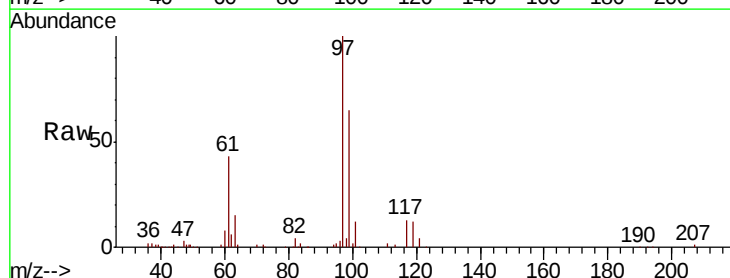
Tgt Ion: 97 Resp: 94228

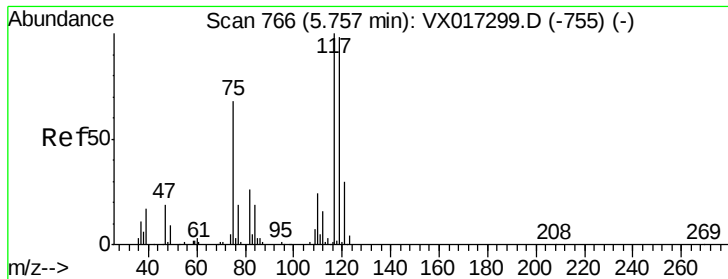
Ion Ratio Lower Upper

97 100

99 64.8 53.2 79.8

61 42.4 34.0 51.0





#33

Carbon Tetrachloride

Concen: 19.394 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

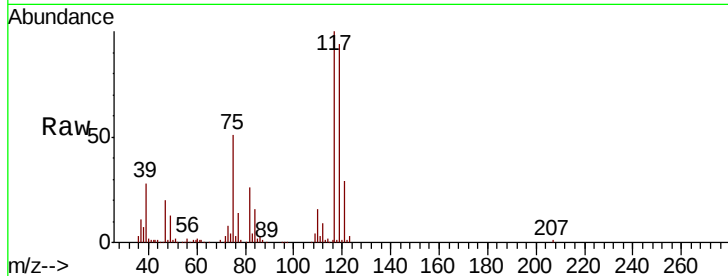
Tot Ion:117 Resp: 87028

Ion Ratio Lower Upper

117 100

119 93.9 78.8 118.2

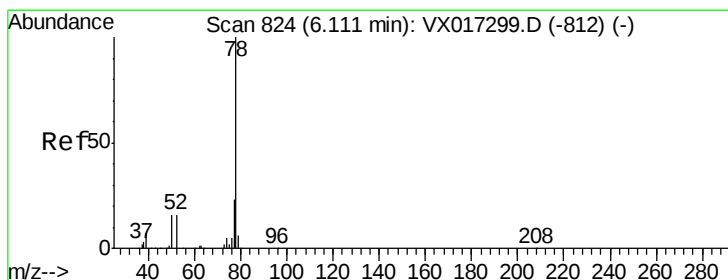
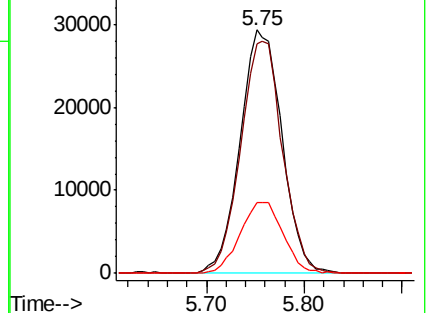
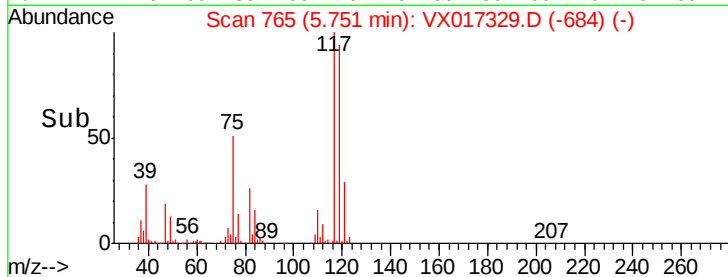
121 29.2 23.7 35.5



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: 18.998 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

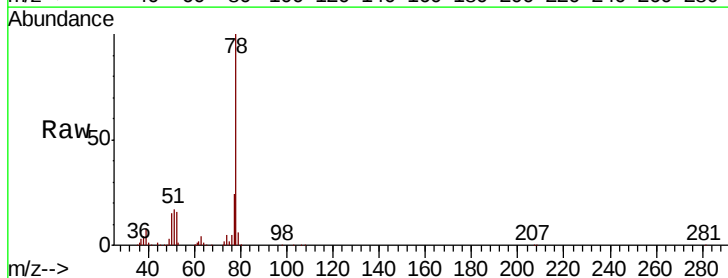
Tgt Ion: 78 Resp: 211282

Ion Ratio Lower Upper

78 100

77 23.6 18.1 27.1

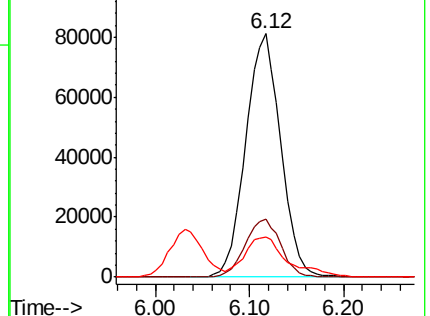
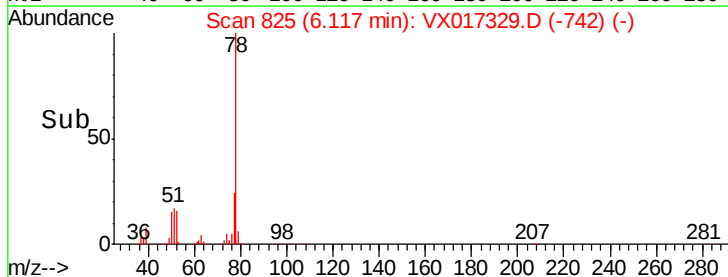
51 15.9 12.9 19.3

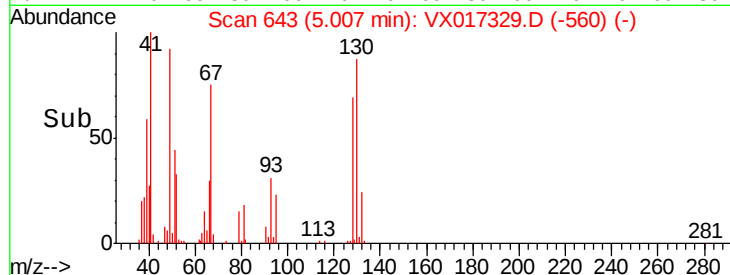
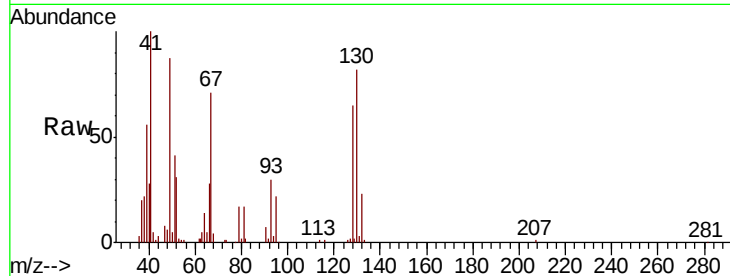
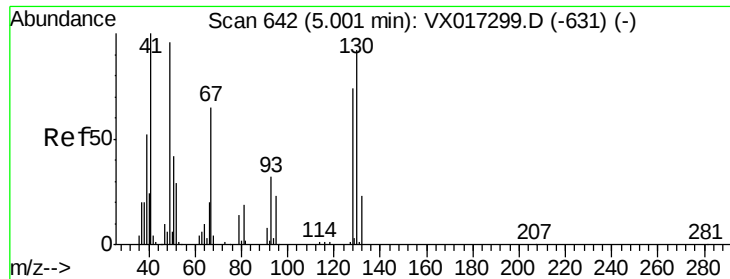


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

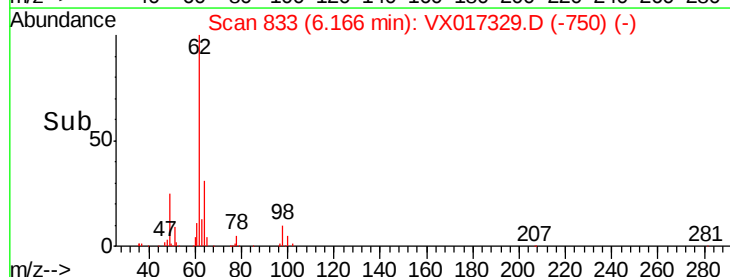
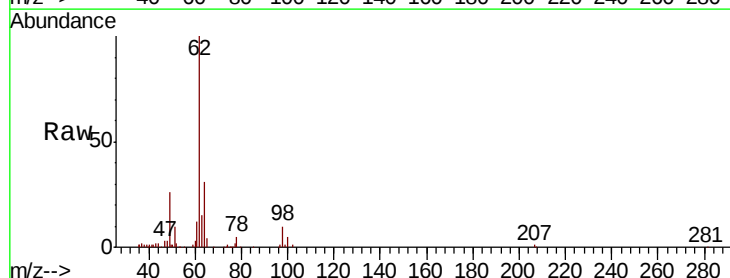
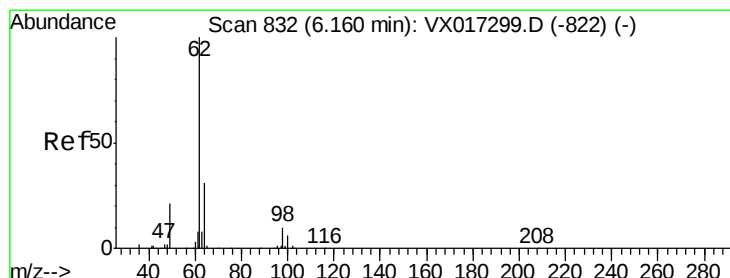
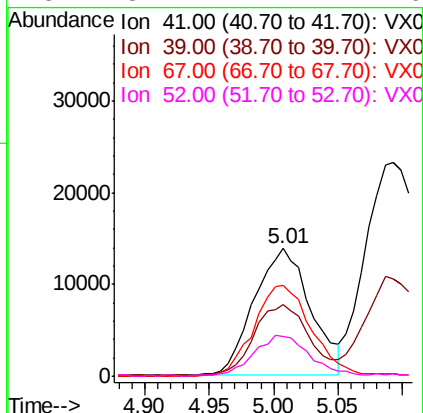
Ion 51.00 (50.70 to 51.70): VX0





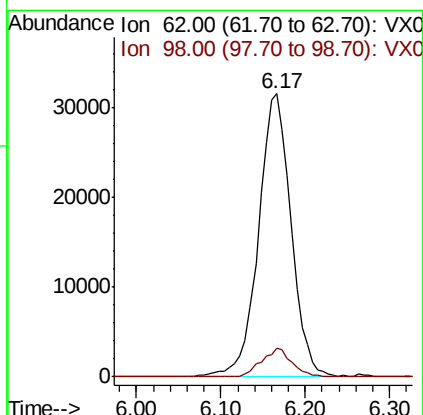
#35
Methacrylonitrile
Concen: 18.429 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017329.D
Acq: 10 Jul 2020 12:37

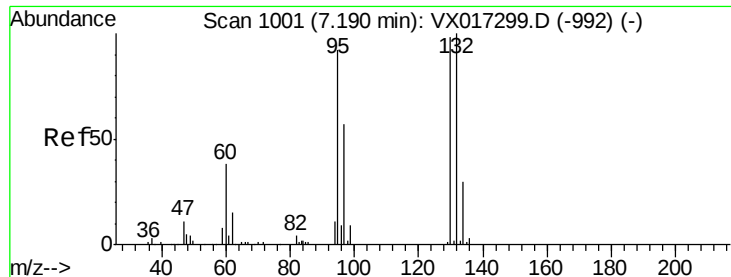
Tot Ion: 41 Resp: 42183
Ion Ratio Lower Upper
41 100
39 54.5 26.0 78.0
67 71.4 32.6 97.8
52 31.1 14.2 42.6



#36
1,2-Dichloroethane
Concen: 19.104 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX017329.D
Acq: 10 Jul 2020 12:37

Tgt Ion: 62 Resp: 83676
Ion Ratio Lower Upper
62 100
98 9.5 7.8 11.8

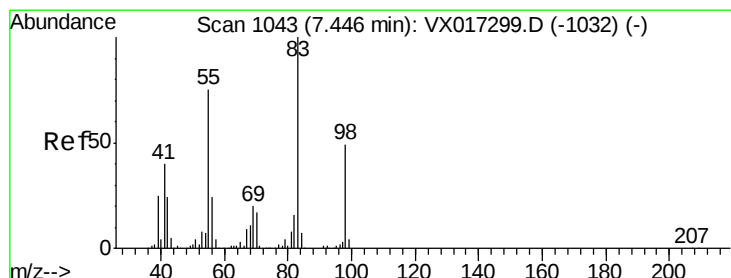
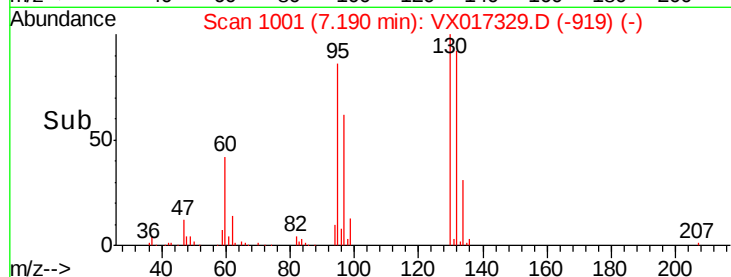
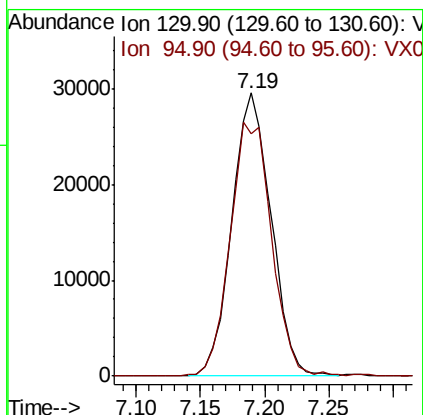
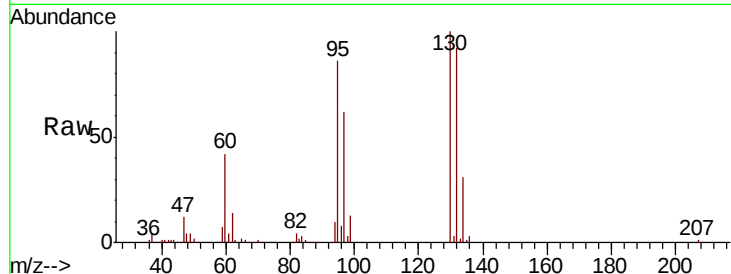




#37
 Trichloroethene
 Concen: 18.649 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017329.D
 Acq: 10 Jul 2020 12:37

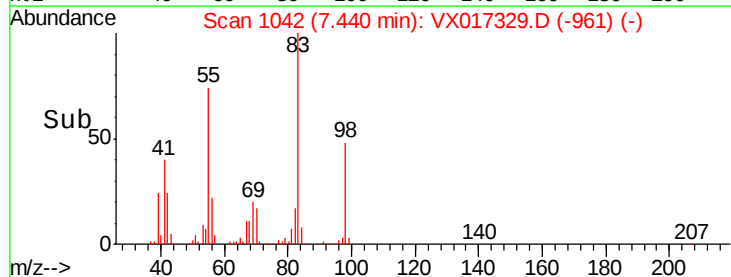
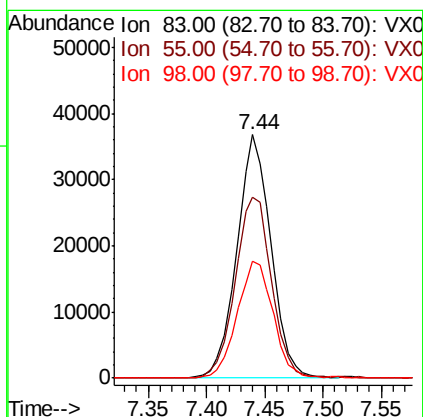
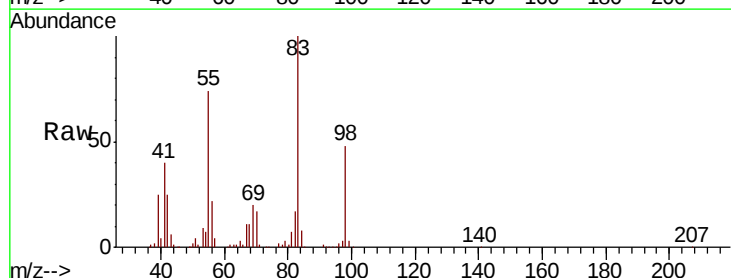
Instrument :
 MSVOA_X
 ClientSampleId :

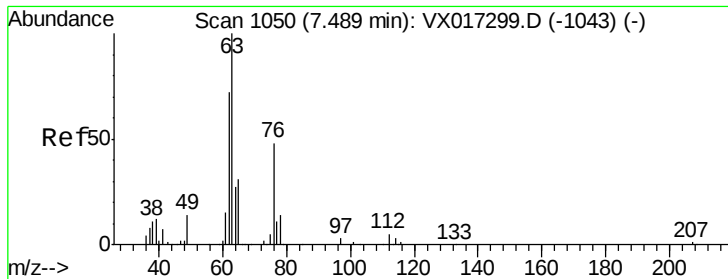
Tot Ion:130 Resp: 62381
 Ion Ratio Lower Upper
 130 100
 95 85.1 74.4 111.6



#38
 Methylcyclohexane
 Concen: 19.044 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX017329.D
 Acq: 10 Jul 2020 12:37

Tgt Ion: 83 Resp: 75007
 Ion Ratio Lower Upper
 83 100
 55 78.7 39.0 117.0
 98 50.4 25.3 75.9

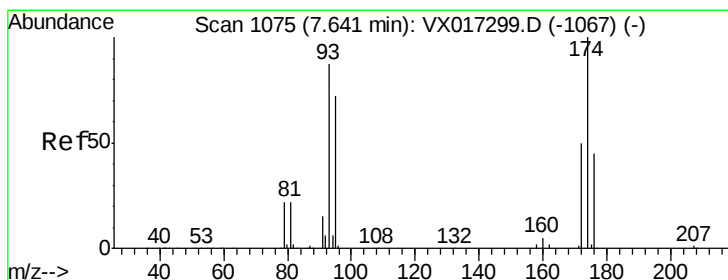
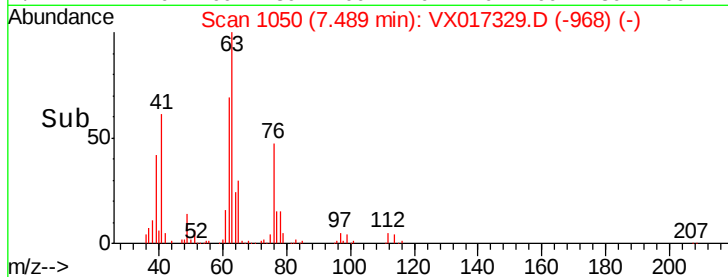
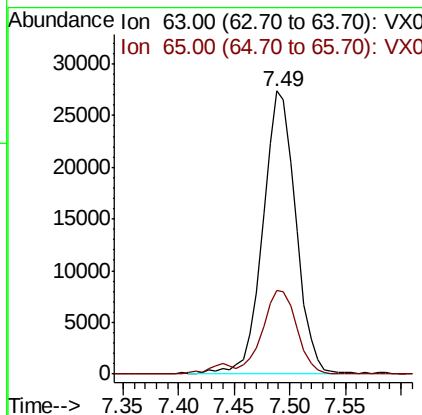
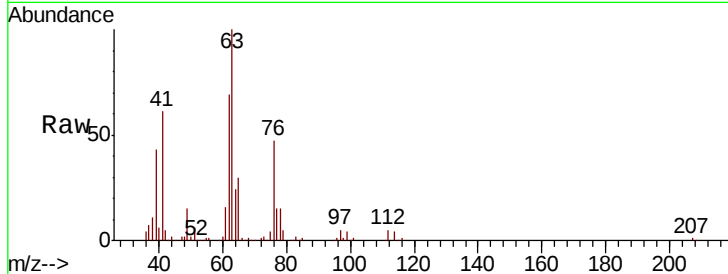




#39
 1,2-Dichloropropane
 Concen: 19.271 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017329.D
 Acq: 10 Jul 2020 12:37

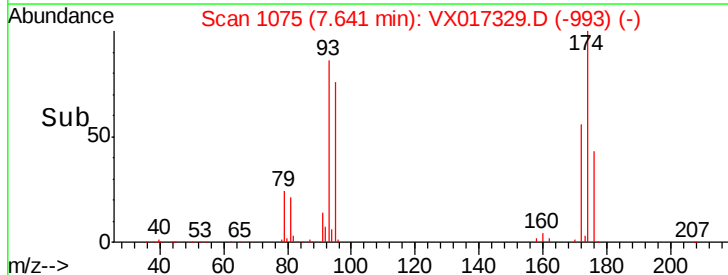
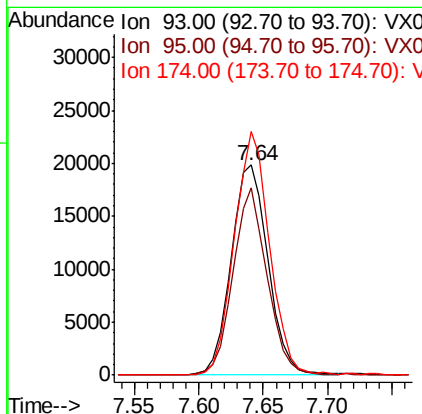
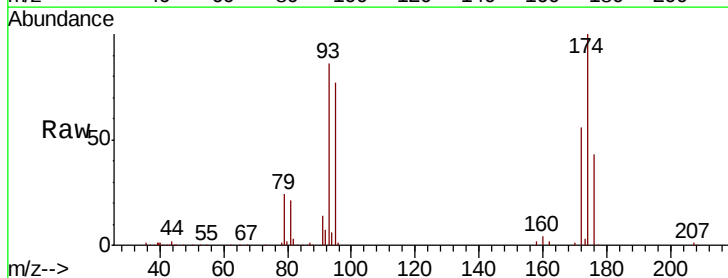
Instrument :
 MSVOA_X
 ClientSampleId :

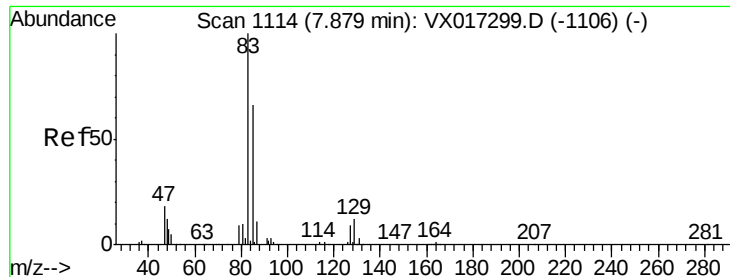
Tot Ion: 63 Resp: 56002
 Ion Ratio Lower Upper
 63 100
 65 29.3 27.4 41.0



#40
 Dibromomethane
 Concen: 18.842 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017329.D
 Acq: 10 Jul 2020 12:37

Tgt Ion: 93 Resp: 39447
 Ion Ratio Lower Upper
 93 100
 95 82.3 0.0 164.4
 174 110.6 0.0 224.8





#41

Bromodichloromethane

Concen: 18.881 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

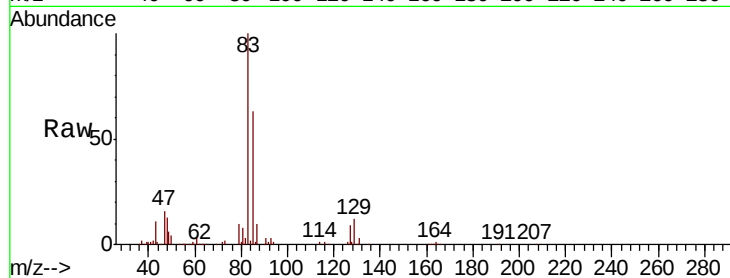
Tot Ion: 83 Resp: 82497

Ion Ratio Lower Upper

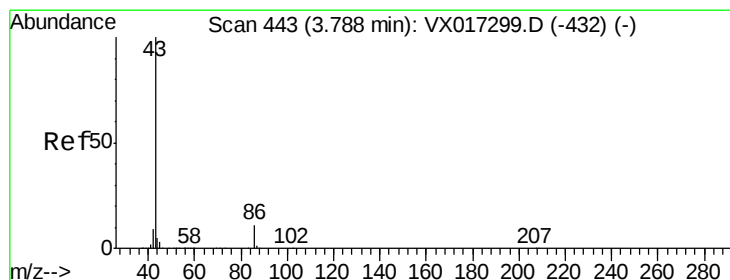
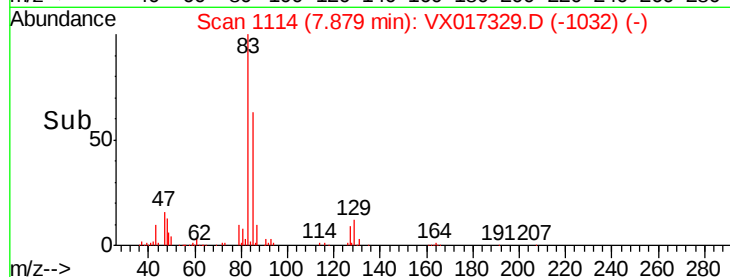
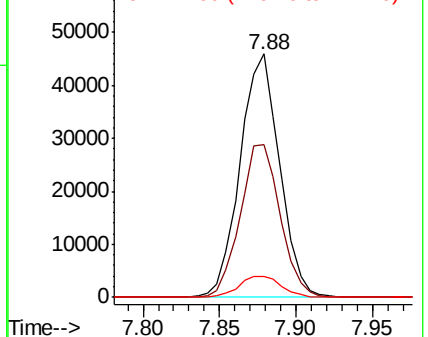
83 100

85 62.5 53.1 79.7

127 8.6 7.3 10.9



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: 94.406 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017329.D

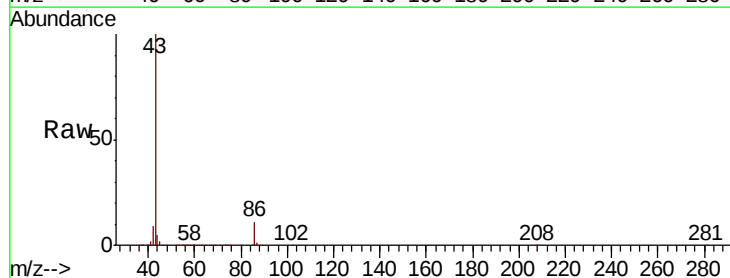
Acq: 10 Jul 2020 12:37

Tgt Ion: 43 Resp: 737570

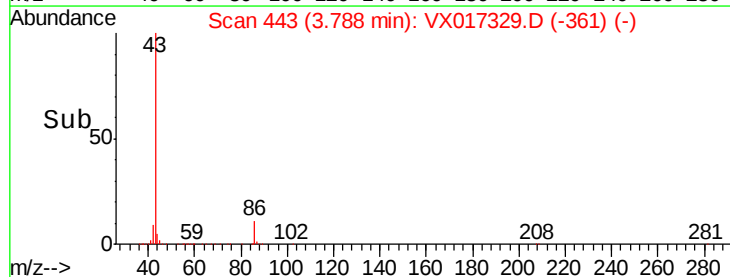
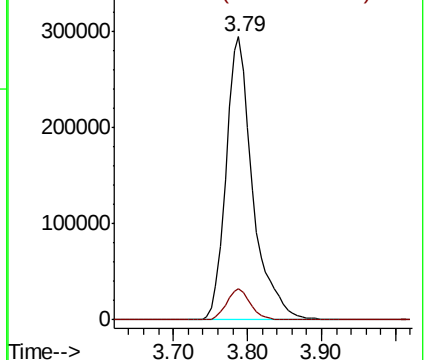
Ion Ratio Lower Upper

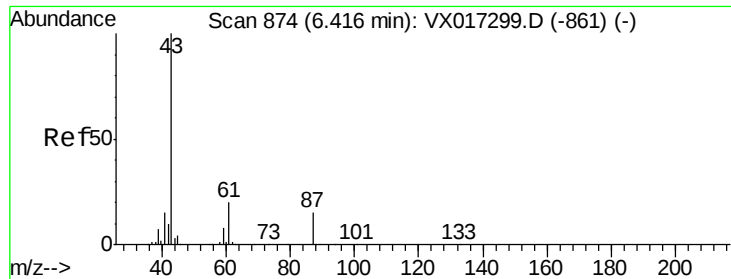
43 100

86 9.8 7.9 11.9



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



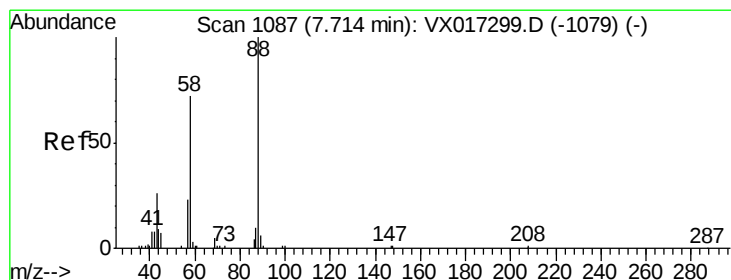
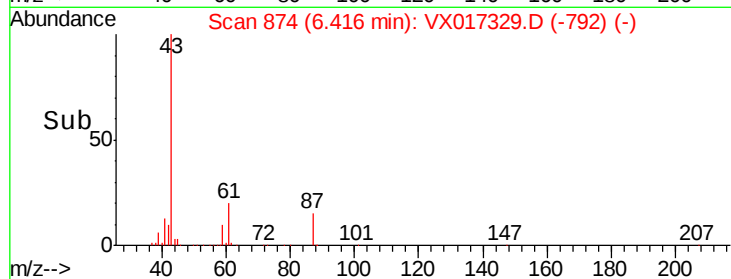
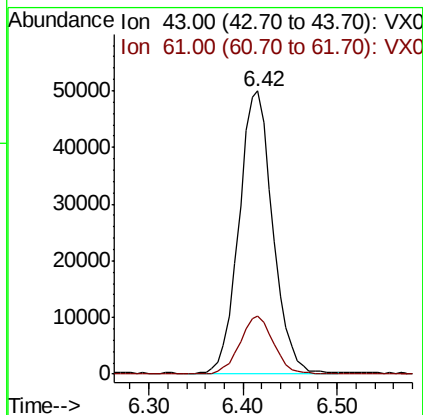
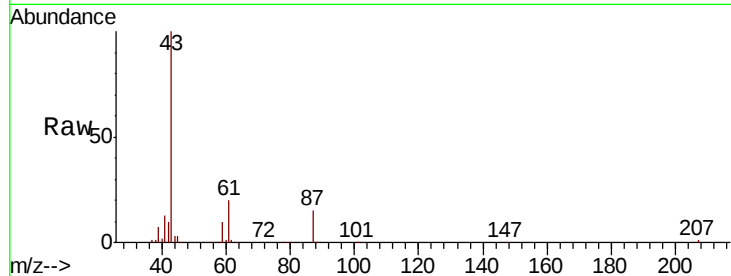


#44

Isopropyl Acetate
 Concen: 18.581 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX017329.D
 Acq: 10 Jul 2020 12:37

Instrument :
 MSVOA_X
 ClientSampled :

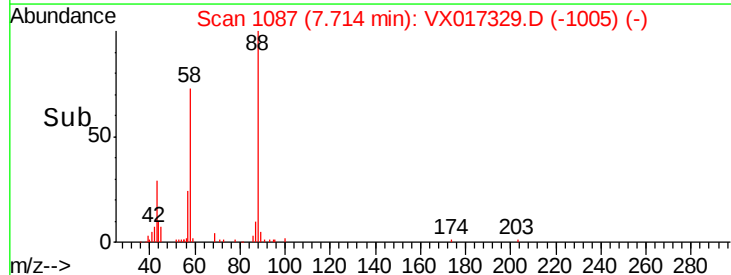
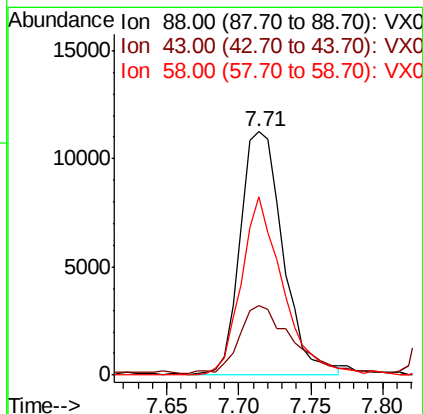
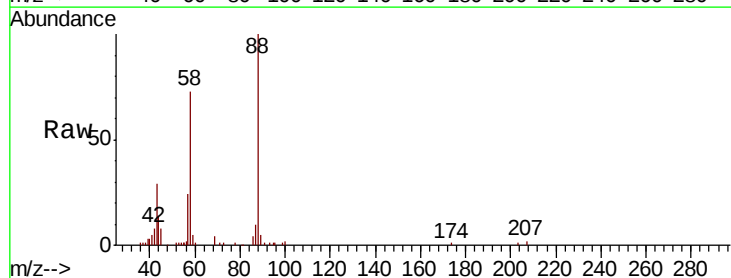
Tot Ion: 43 Resp: 124318
 Ion Ratio Lower Upper
 43 100
 61 20.4 15.7 23.5

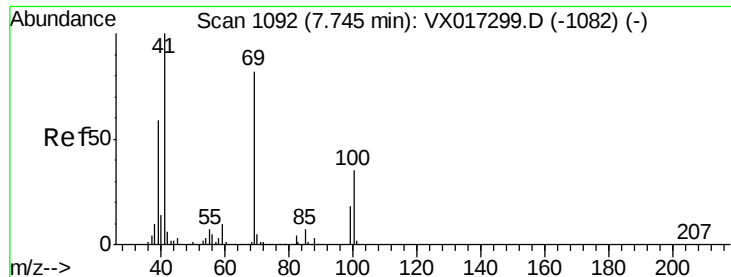


#45

1,4-Dioxane
 Concen: 364.309 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX017329.D
 Acq: 10 Jul 2020 12:37

Tgt Ion: 88 Resp: 23234
 Ion Ratio Lower Upper
 88 100
 43 32.5 29.0 43.4
 58 71.1 58.3 87.5

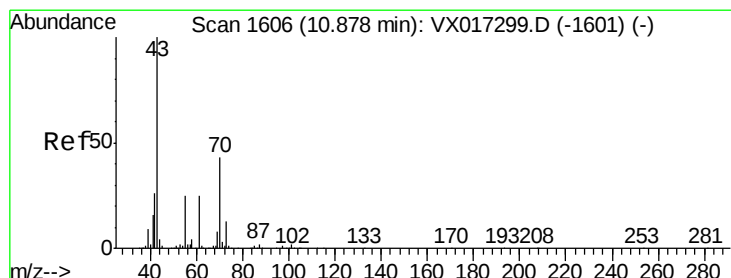
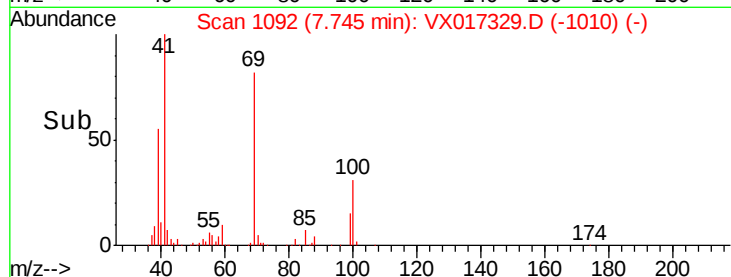
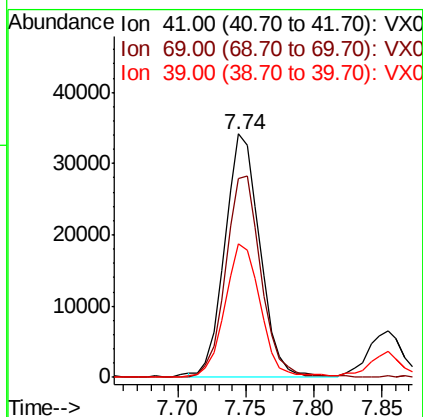
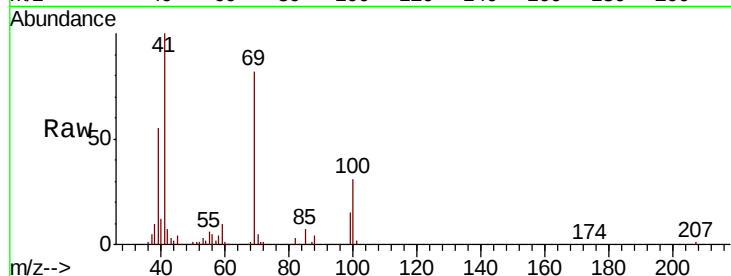




#46
Methyl methacrylate
Concen: 18.608 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX017329.D
Acq: 10 Jul 2020 12:37

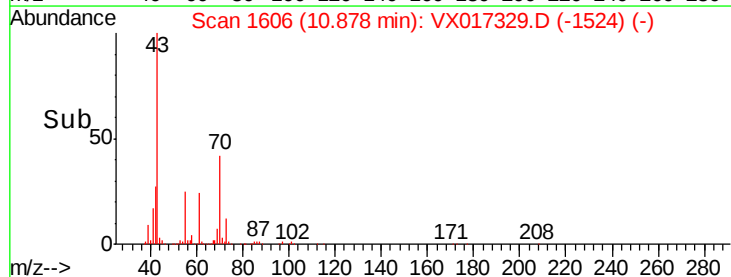
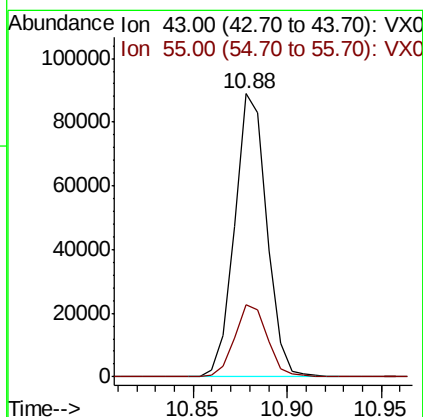
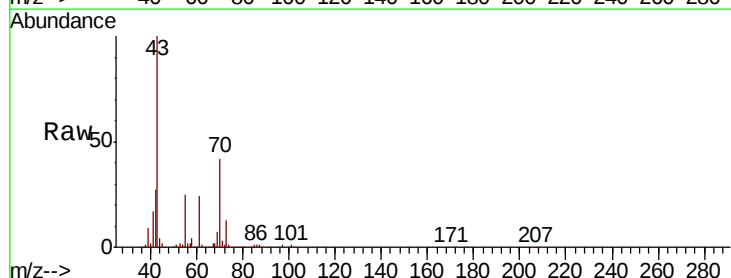
Instrument :
MSVOA_X
ClientSampled :

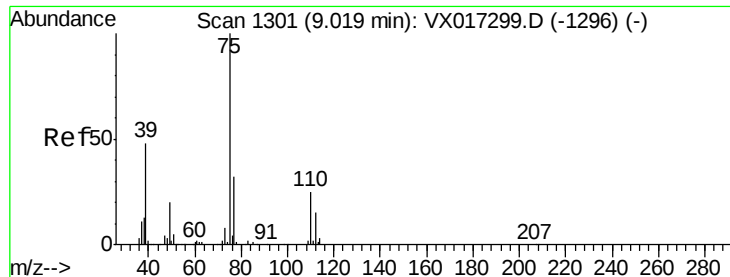
Tot Ion: 41 Resp: 60651
Ion Ratio Lower Upper
41 100
69 82.0 41.1 123.3
39 54.5 29.2 87.6



#47
n-ethyl acetate
Concen: 17.751 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX017329.D
Acq: 10 Jul 2020 12:37

Tgt Ion: 43 Resp: 105162
Ion Ratio Lower Upper
43 100
55 26.0 20.4 30.6





#48

t-1,3-Dichloropropene

Concen: 18.105 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

Instrument :

MSVOA_X

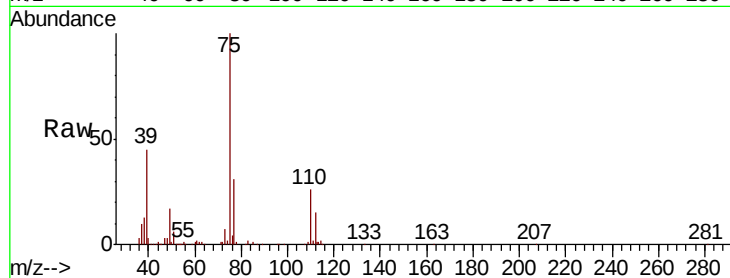
ClientSampleId :

Tot Ion: 75 Resp: 87331

Ion Ratio Lower Upper

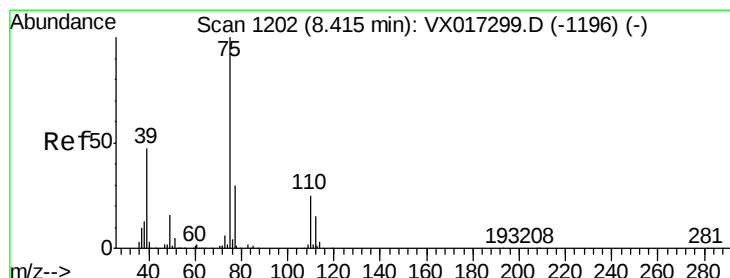
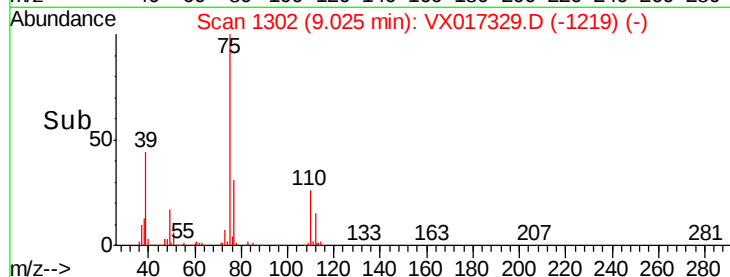
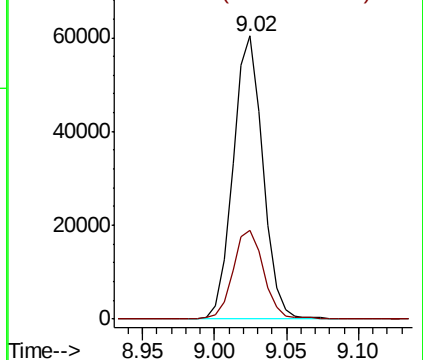
75 100

77 31.2 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#49

cis-1,3-Dichloropropene

Concen: 18.493 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

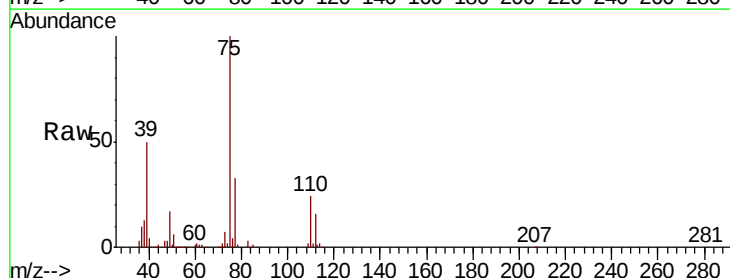
Tgt Ion: 75 Resp: 93340

Ion Ratio Lower Upper

75 100

77 32.9 23.6 35.4

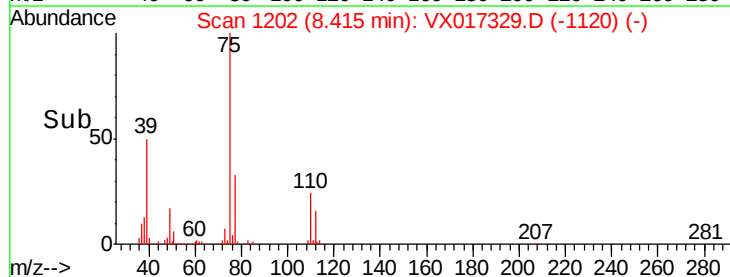
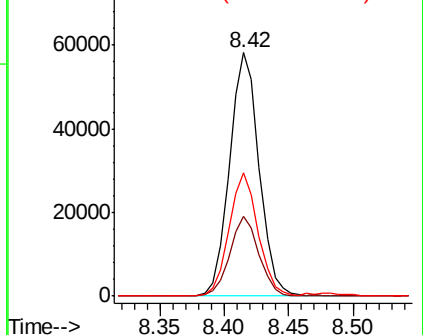
39 50.3 37.5 56.3

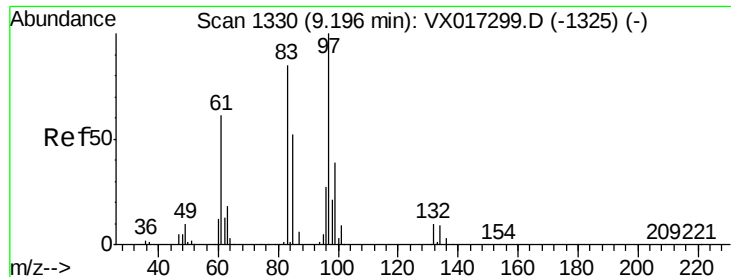


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

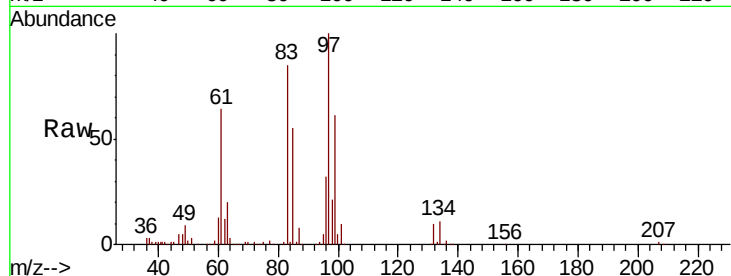




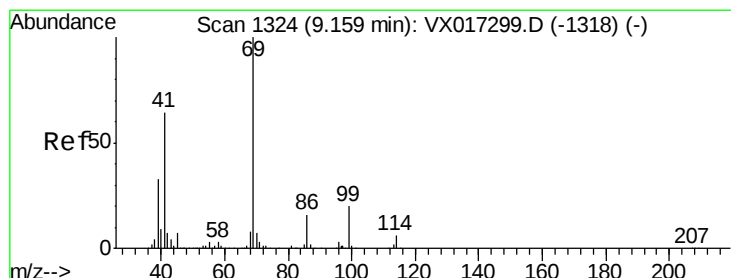
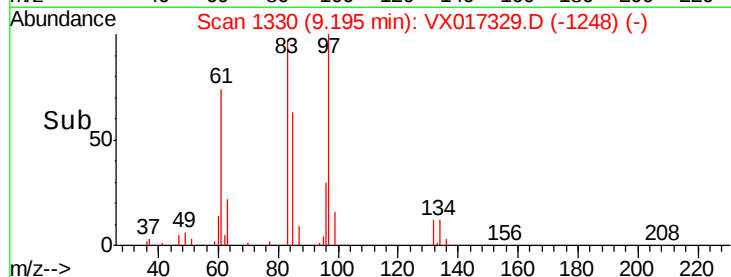
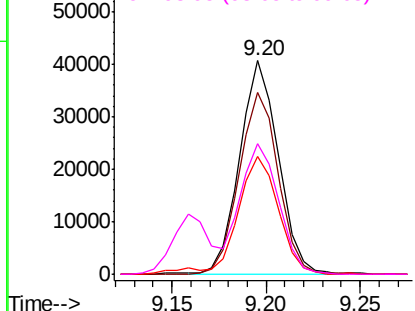
#50
1,1,2-Trichloroethane
Concen: 18.793 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VX017329.D
Acq: 10 Jul 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	97	Resp:	58287
Ion	Ratio	Lower	Upper
97	100		
83	85.0	67.9	101.9
85	54.7	42.6	64.0
99	60.6	50.7	76.1

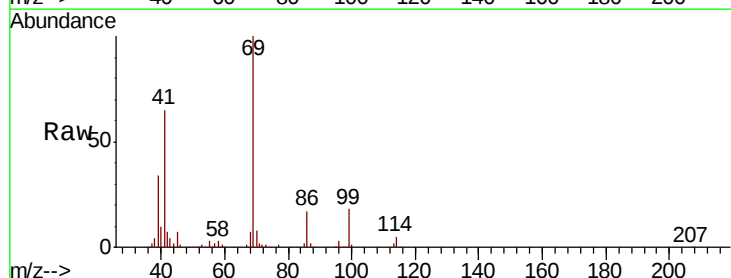


Abundance Ion 97.00 (96.70 to 97.70): VX0
Ion 82.95 (82.65 to 83.65): VX0
Ion 84.95 (84.65 to 85.65): VX0
Ion 98.95 (98.65 to 99.65): VX0

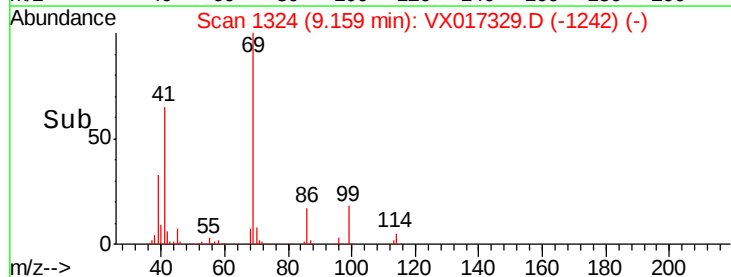
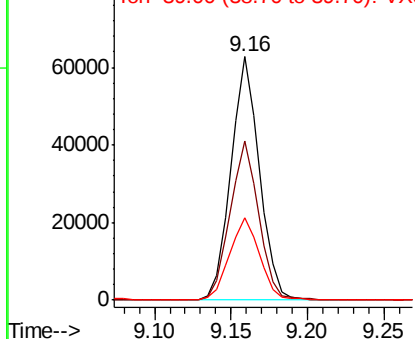


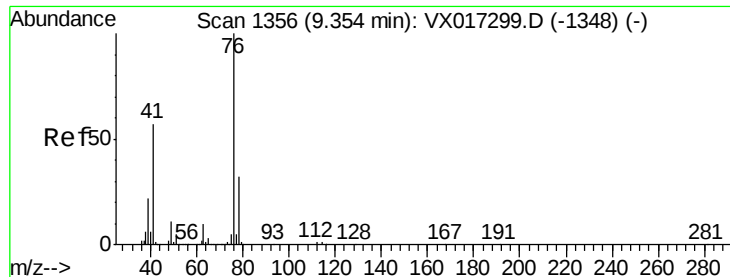
#51
Ethyl methacrylate
Concen: 17.878 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX017329.D
Acq: 10 Jul 2020 12:37

Tgt Ion:	69	Resp:	80789
Ion	Ratio	Lower	Upper
69	100		
41	65.2	32.1	96.5
39	33.6	16.3	48.9



Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#52

1,3-Dichloropropane

Concen: 18.846 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

Instrument :

MSVOA_X

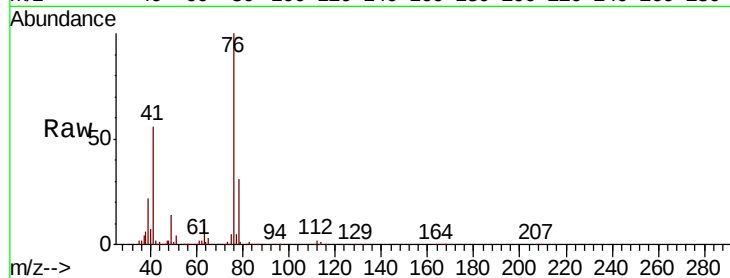
ClientSampleId :

Tot Ion: 76 Resp: 95215

Ion Ratio Lower Upper

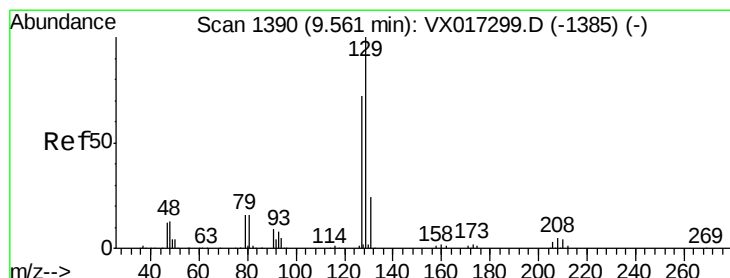
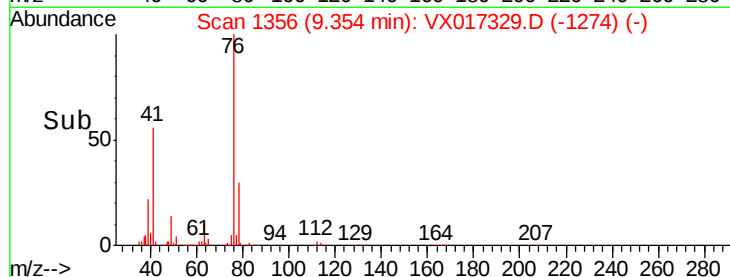
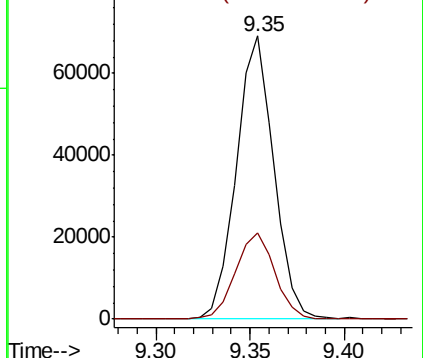
76 100

78 32.1 0.0 65.6



Abundance Ion 76.00 (75.70 to 76.70): VX017329.D (-1348) (-)

Ion 78.00 (77.70 to 78.70): VX017329.D (-1348) (-)



#53

Dibromochloromethane

Concen: 17.851 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX017329.D

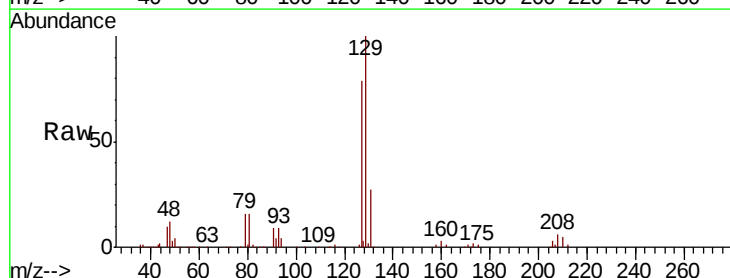
Acq: 10 Jul 2020 12:37

Tgt Ion: 129 Resp: 67583

Ion Ratio Lower Upper

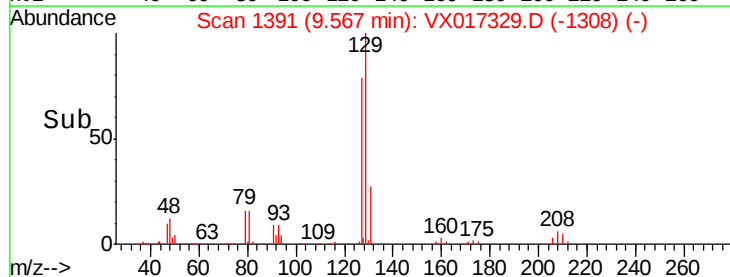
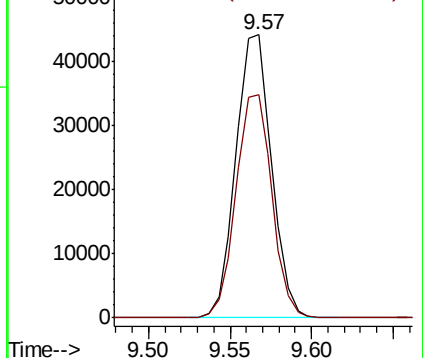
129 100

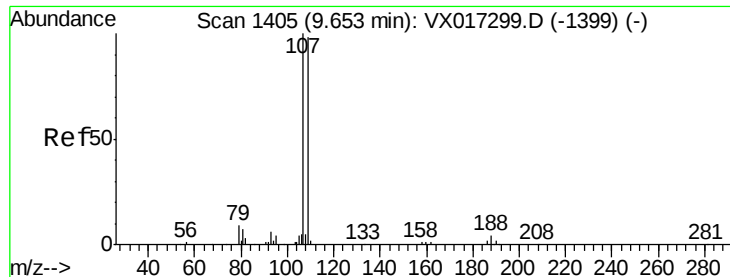
127 79.1 37.5 112.5



Abundance Ion 129.00 (128.70 to 129.70): VX017329.D (-1385) (-)

Ion 127.00 (126.70 to 127.70): VX017329.D (-1385) (-)





#54

1,2-Dibromoethane

Concen: 18.616 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

Instrument :

MSVOA_X

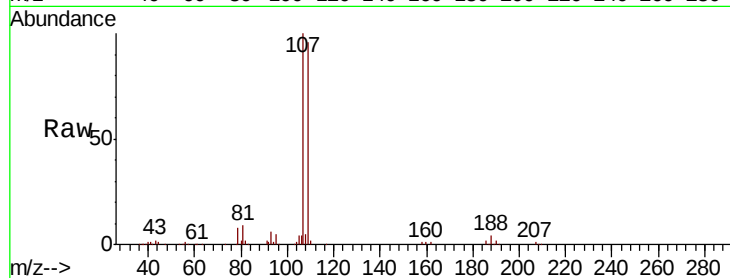
ClientSampleId :

Tot Ion:107 Resp: 61736

Ion Ratio Lower Upper

107 100

109 94.4 76.9 115.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.65

40000

30000

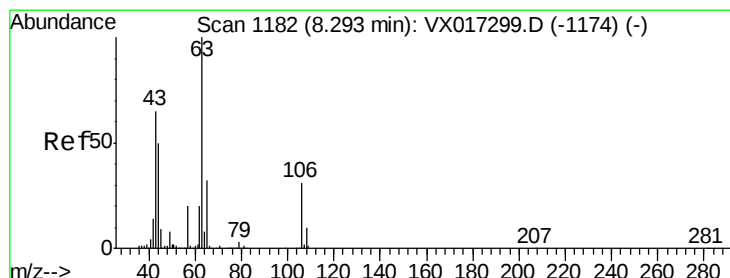
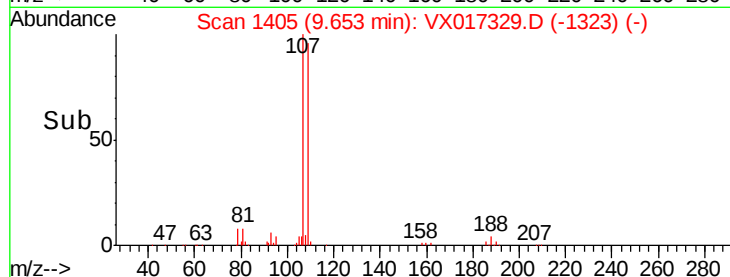
20000

10000

0

9.60 9.65 9.70

Time-->



#55

2-Chloroethyl vinyl ether

Concen: 103.422 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

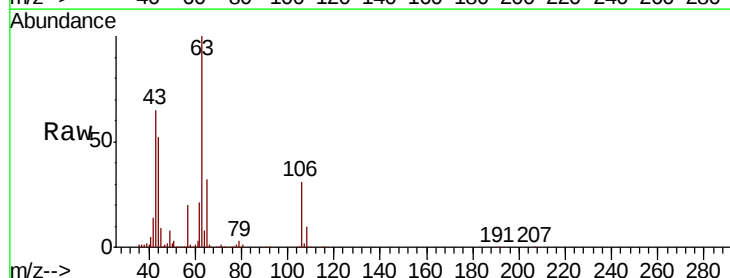
Tgt Ion: 63 Resp: 223343

Ion Ratio Lower Upper

63 100

65 32.6 25.4 38.0

106 30.6 24.5 36.7



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

Ion 106.00 (105.70 to 106.70): V

200000

150000

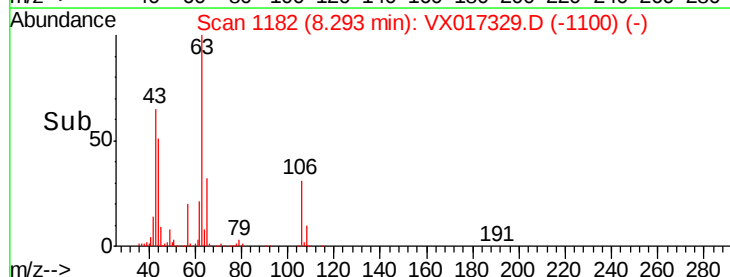
100000

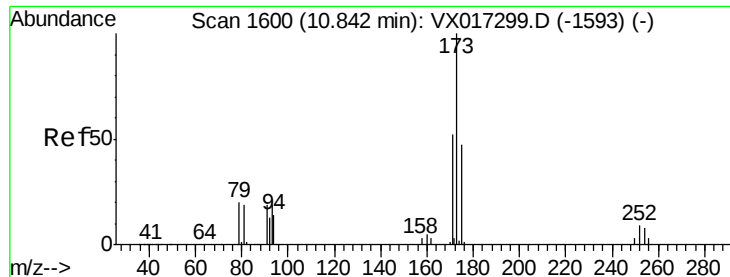
50000

0

8.20 8.25 8.30 8.35 8.40

Time-->

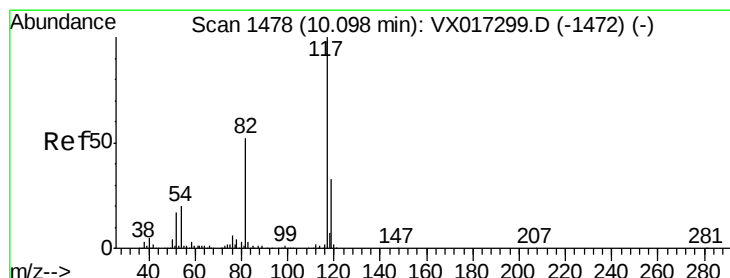
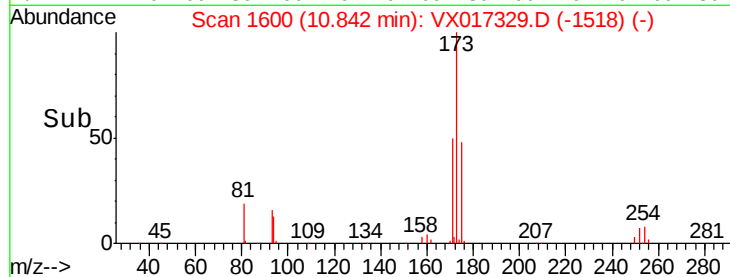
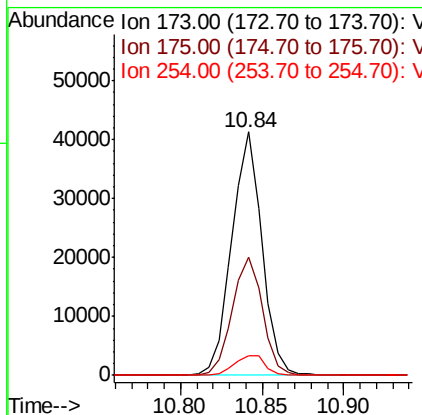
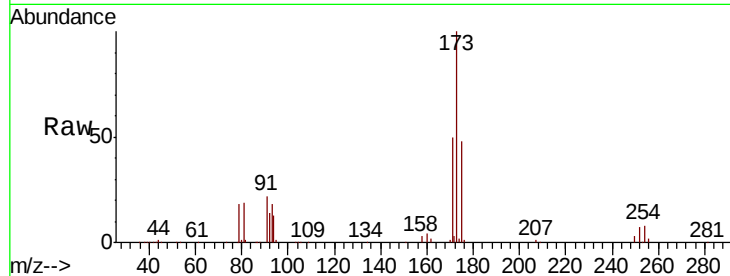




#56
Bromoform
Concen: 17.986 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX017329.D
Acq: 10 Jul 2020 12:37

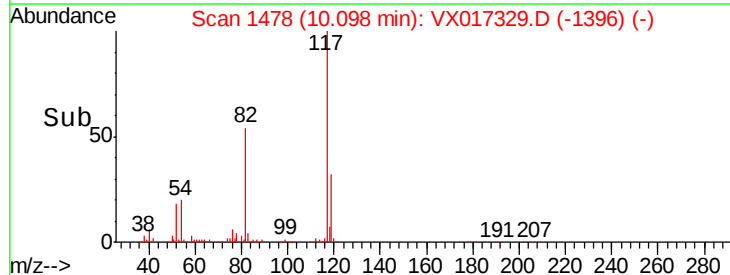
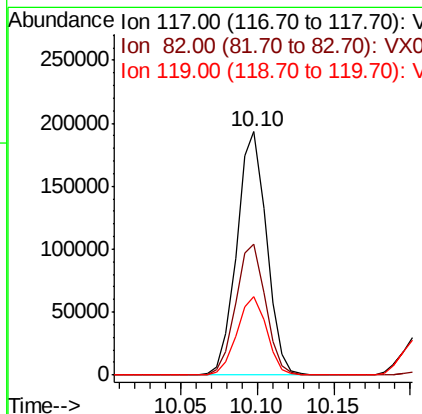
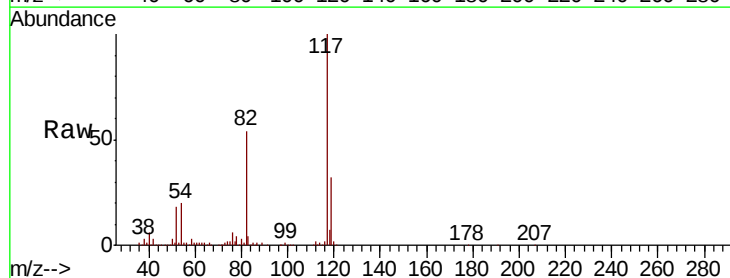
Instrument :
MSVOA_X
ClientSampleId :

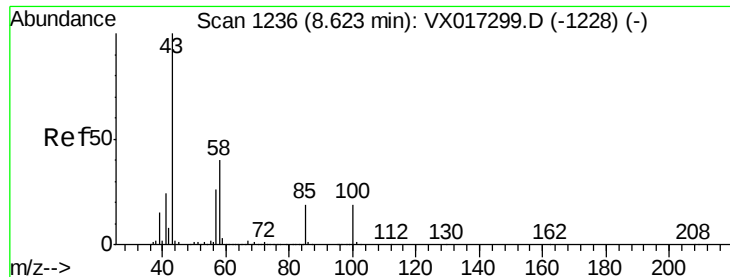
Tot Ion:173 Resp: 53119
Ion Ratio Lower Upper
173 100
175 48.7 38.4 57.6
254 8.5 7.0 10.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017329.D
Acq: 10 Jul 2020 12:37

Tgt Ion:117 Resp: 261500
Ion Ratio Lower Upper
117 100
82 53.9 42.2 63.4
119 32.1 26.4 39.6

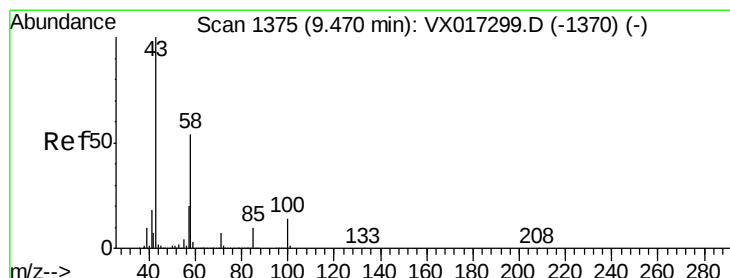
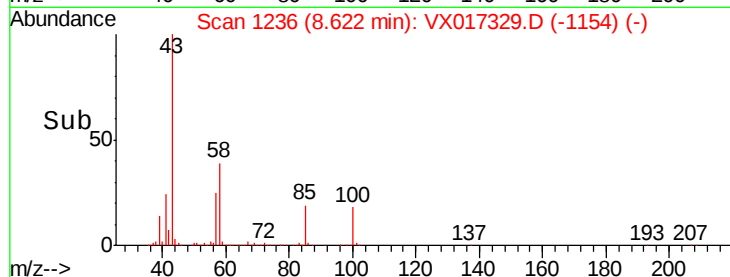
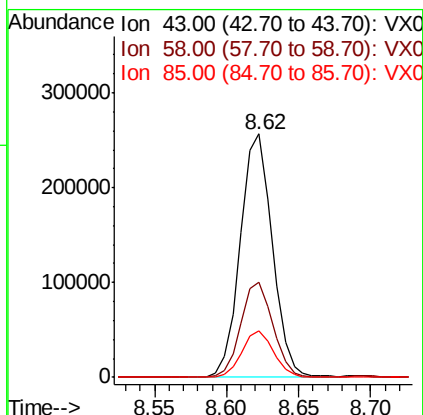
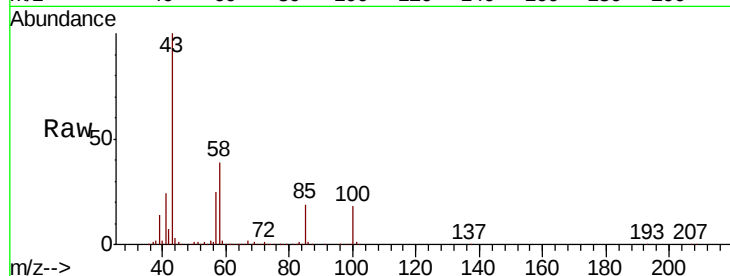




#58
4-Methyl-2-Pentanone
Concen: 95.759 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017329.D
Acq: 10 Jul 2020 12:37

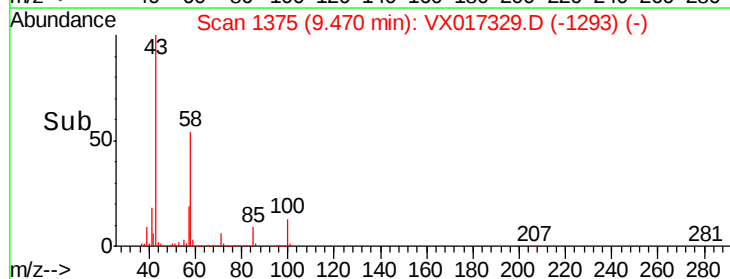
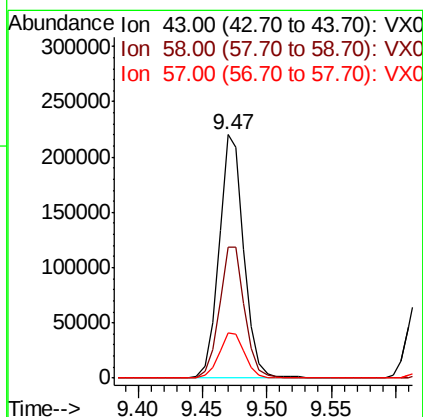
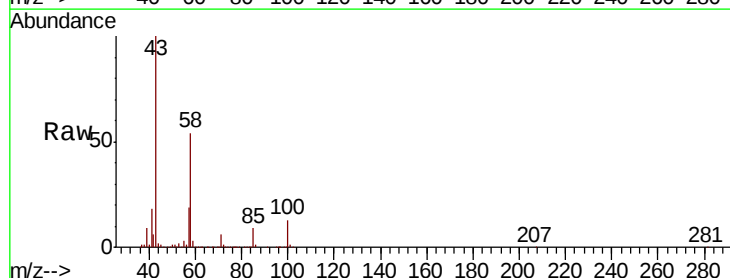
Instrument :
MSVOA_X
ClientSampleId :

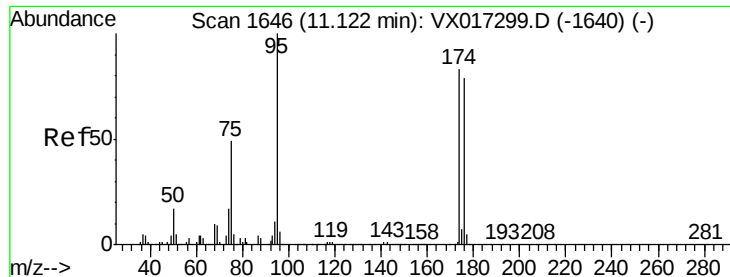
Tot Ion	Ratio	Lower	Upper
43	100		
58	39.2	32.2	48.2
85	18.8	14.8	22.2



#59
2-Hexanone
Concen: 93.930 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017329.D
Acq: 10 Jul 2020 12:37

Tgt Ion	Ratio	Lower	Upper
43	100		
58	55.1	43.4	65.0
57	19.3	15.1	22.7

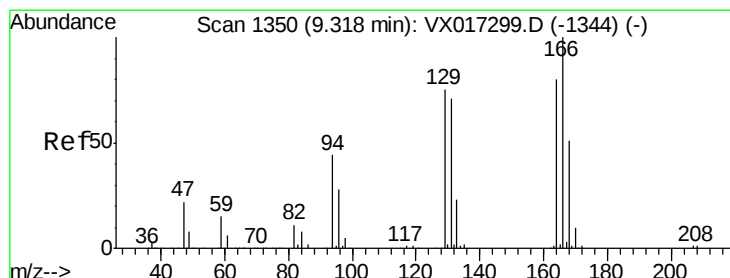
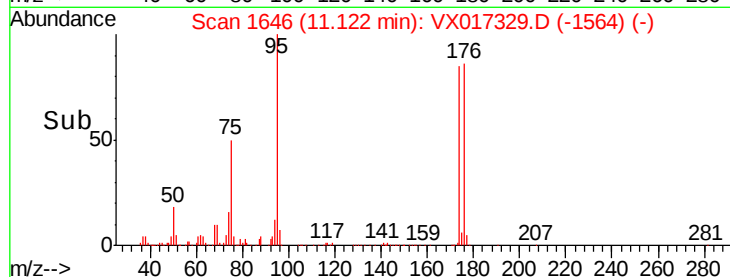
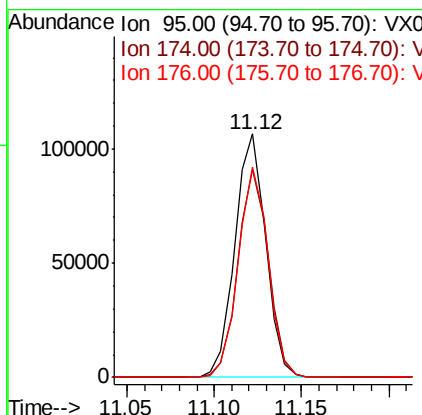
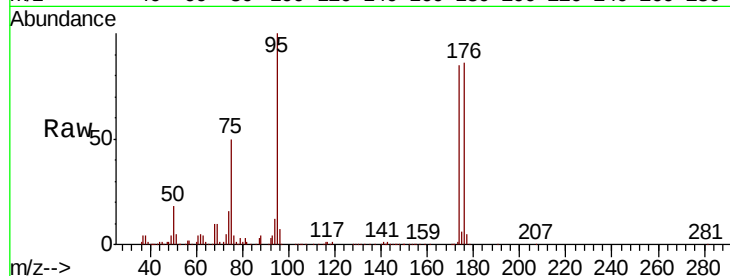




#60
4-Bromofluorobenzene
Concen: 29.381 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017329.D
Acq: 10 Jul 2020 12:37

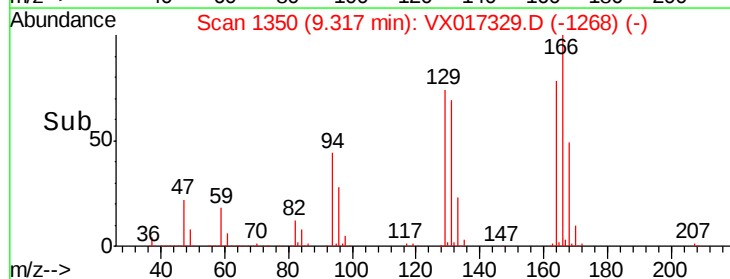
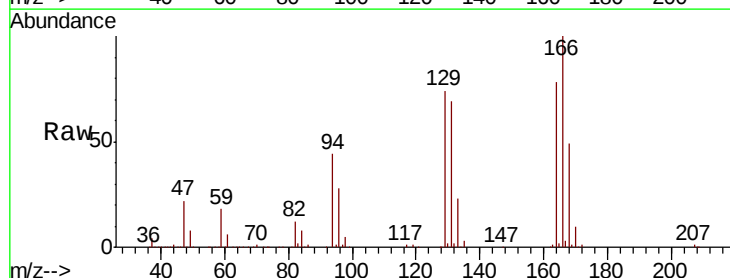
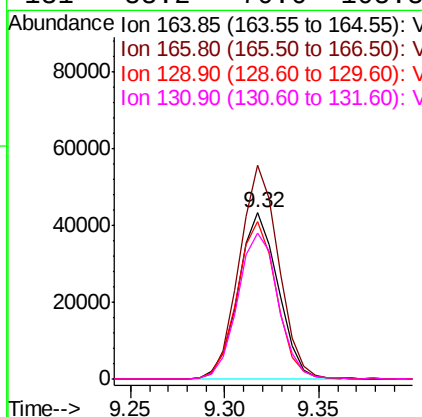
Instrument :
MSVOA_X
ClientSampleId :

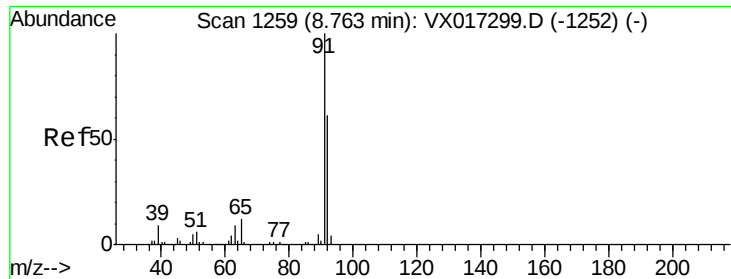
Tot Ion	Ratio	Lower	Upper
95	100		
174	84.5	66.9	100.3
176	83.9	65.5	98.3



#61
Tetrachloroethene
Concen: 19.153 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017329.D
Acq: 10 Jul 2020 12:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.7	99.8	149.6
129	95.1	74.4	111.6
131	88.2	70.6	105.8





#62

Toluene

Concen: 18.637 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

Instrument :

MSVOA_X

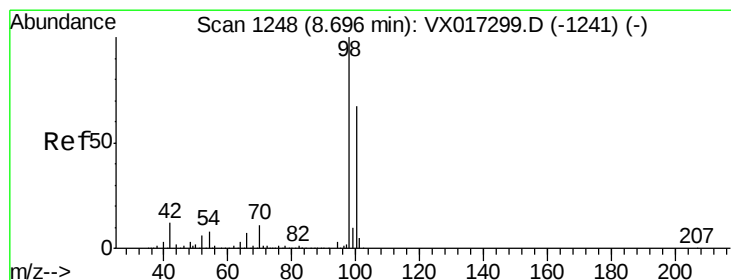
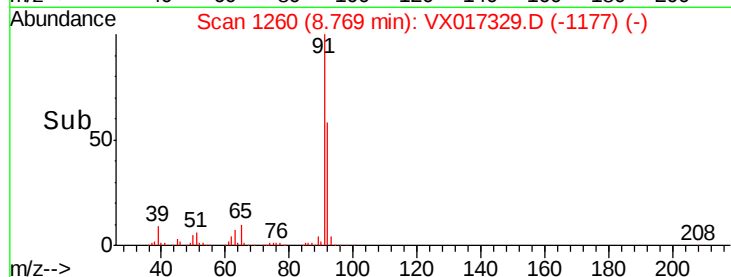
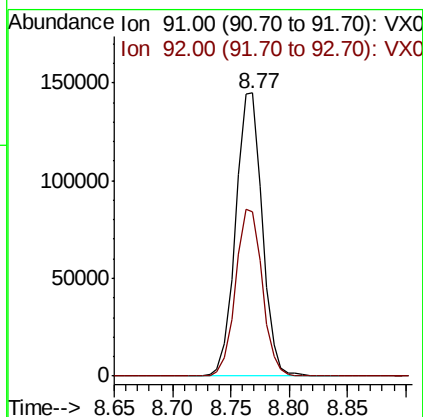
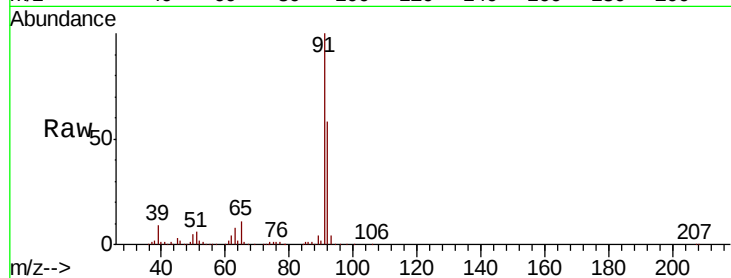
ClientSampleId :

Tot Ion: 91 Resp: 230719

Ion Ratio Lower Upper

91 100

92 59.3 47.2 70.8



#63

Toluene-d8

Concen: 30.483 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017329.D

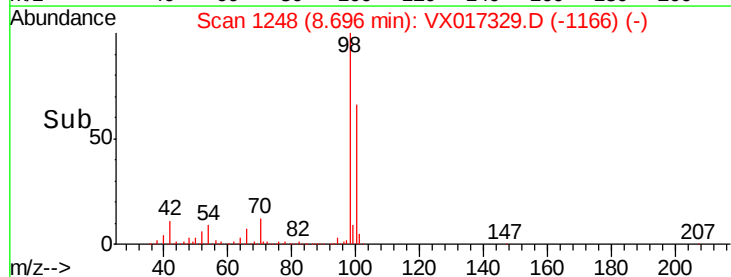
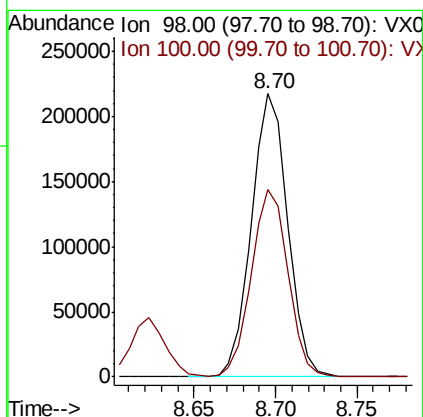
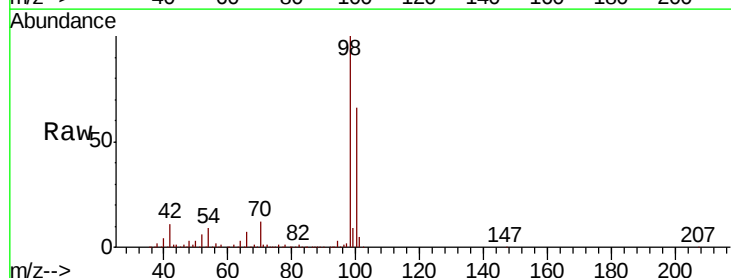
Acq: 10 Jul 2020 12:37

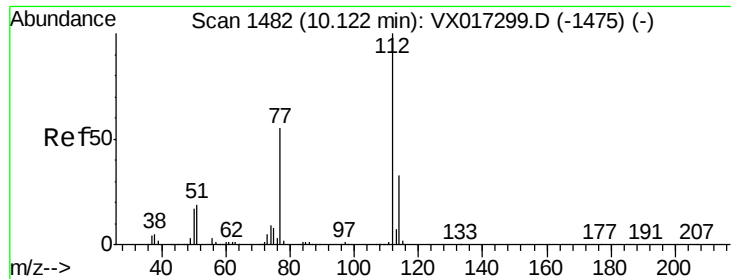
Tgt Ion: 98 Resp: 337185

Ion Ratio Lower Upper

98 100

100 67.1 52.8 79.2

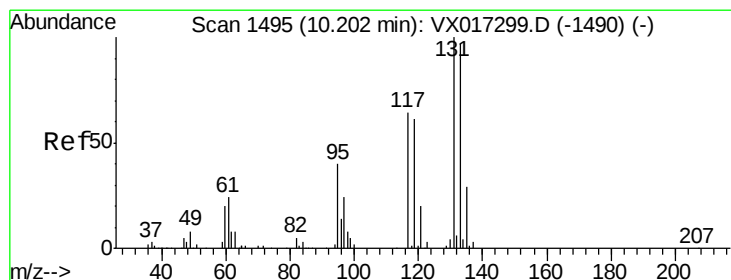
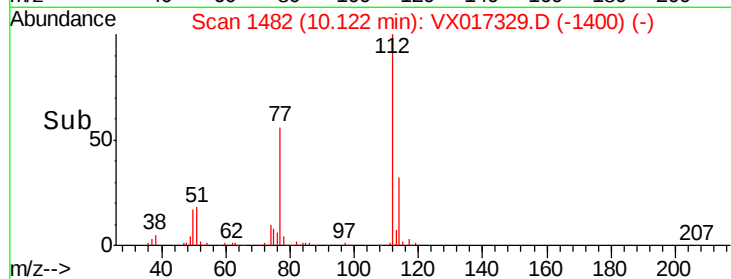
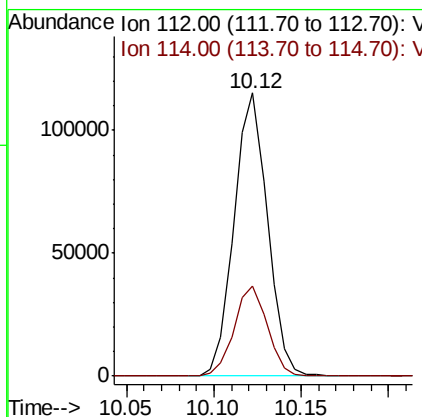
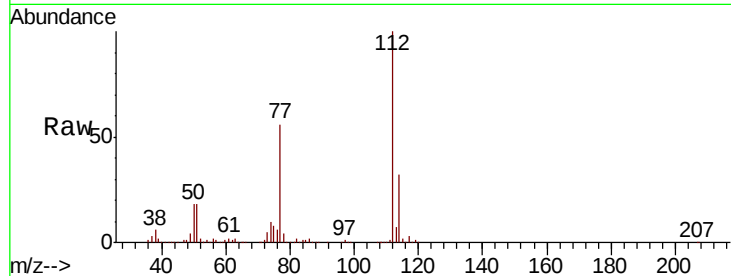




#64
Chlorobenzene
Concen: 18.569 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017329.D
Acq: 10 Jul 2020 12:37

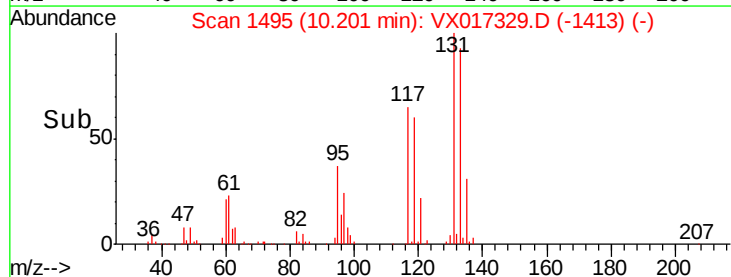
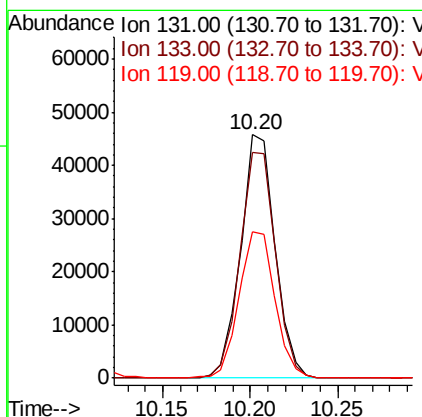
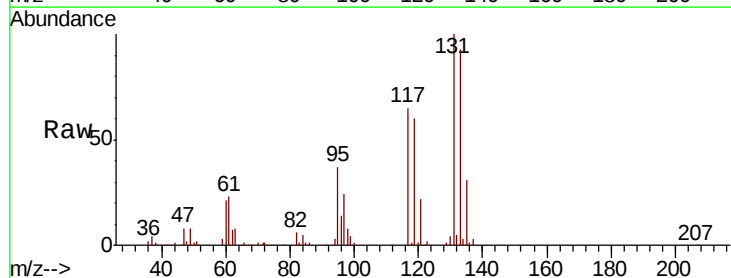
Instrument :
MSVOA_X
ClientSampled :

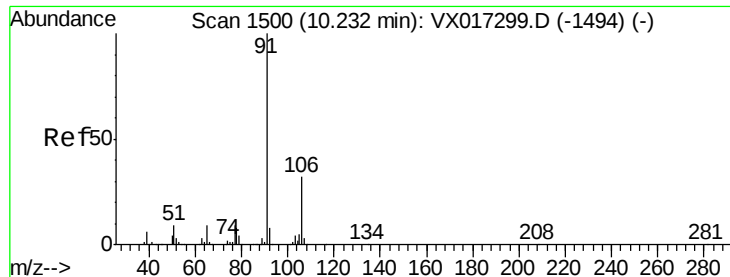
Tot Ion:112 Resp: 153370
Ion Ratio Lower Upper
112 100
114 31.7 26.2 39.2



#65
1,1,1,2-Tetrachloroethane
Concen: 18.645 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX017329.D
Acq: 10 Jul 2020 12:37

Tgt Ion:131 Resp: 62919
Ion Ratio Lower Upper
131 100
133 95.4 0.0 196.8
119 62.0 0.0 126.0





#66

Ethyl Benzene

Concen: 18.037 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

Instrument :

MSVOA_X

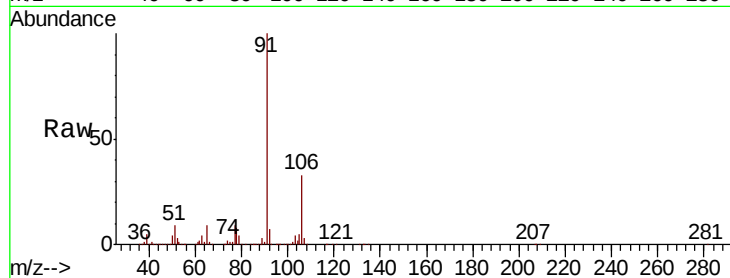
ClientSampleId :

Tot Ion: 91 Resp: 251283

Ion Ratio Lower Upper

91 100

106 32.7 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX017329.D (-1494) (-)

Ion 106.00 (105.70 to 106.70): VX017329.D (-1494) (-)

10.24

200000

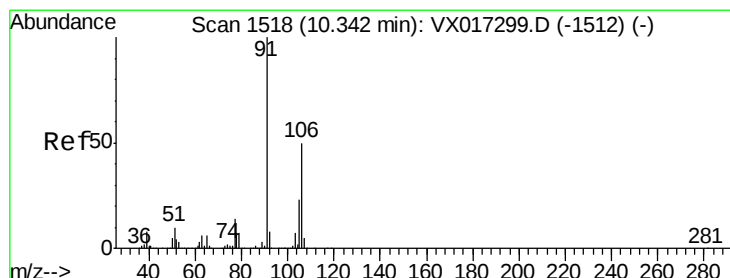
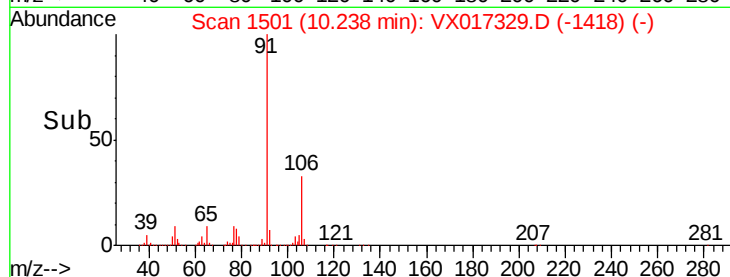
150000

100000

50000

0

Time-->



#67

m/p-Xylenes

Concen: 37.081 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017329.D

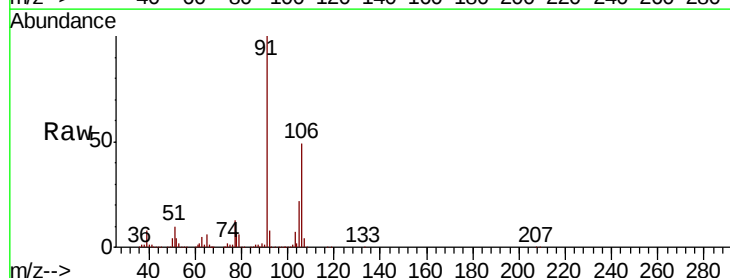
Acq: 10 Jul 2020 12:37

Tgt Ion: 106 Resp: 199567

Ion Ratio Lower Upper

106 100

91 200.9 159.7 239.5



Abundance Ion 106.00 (105.70 to 106.70): VX017329.D (-1512) (-)

Ion 91.00 (90.70 to 91.70): VX017329.D (-1512) (-)

10.34

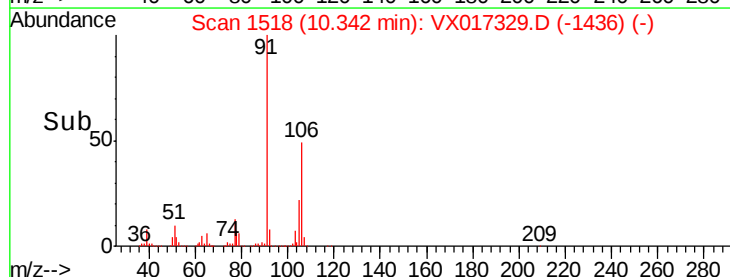
300000

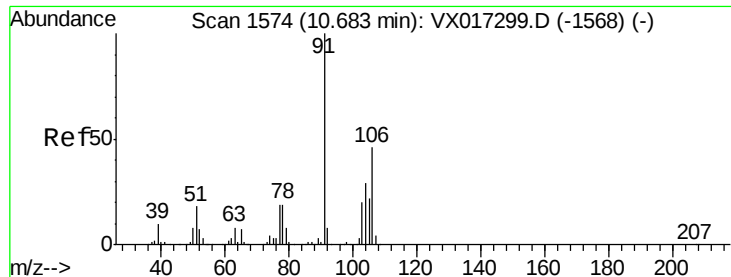
200000

100000

0

Time-->

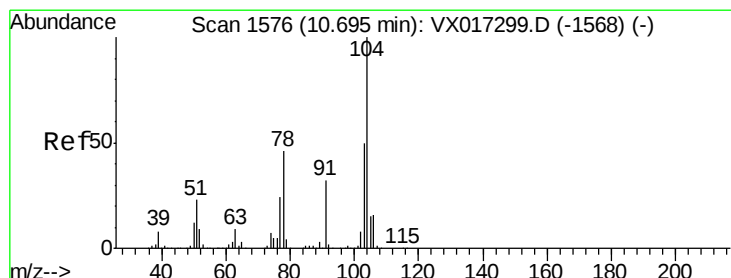
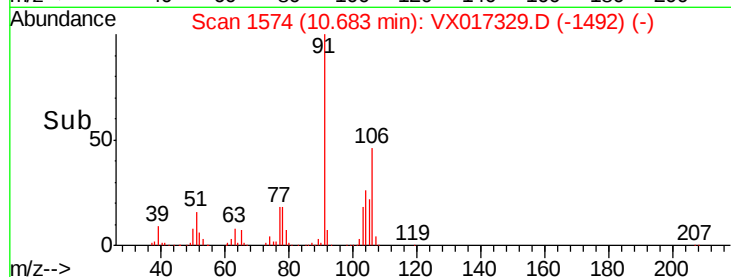
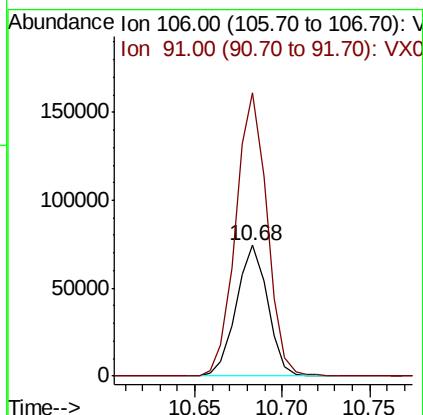
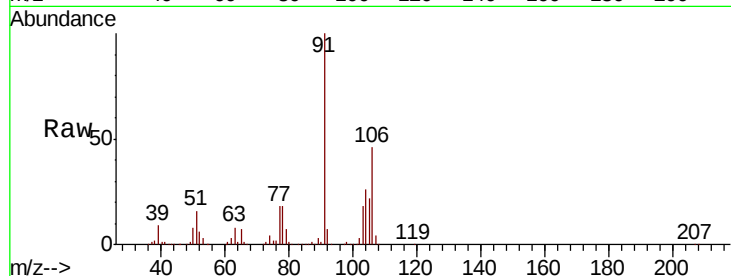




#68
o-Xylene
Concen: 18.284 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017329.D
Acq: 10 Jul 2020 12:37

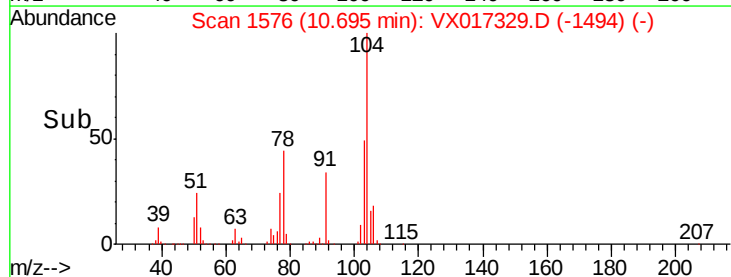
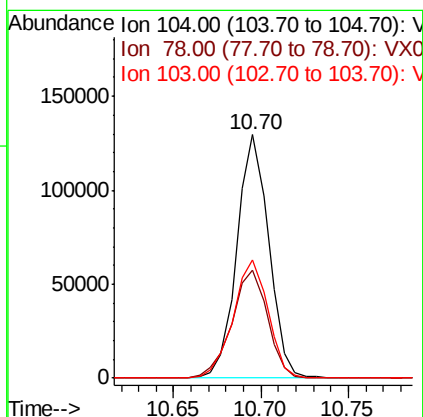
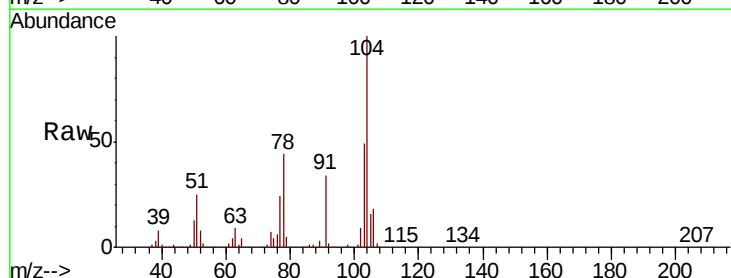
Instrument :
MSVOA_X
ClientSampled :

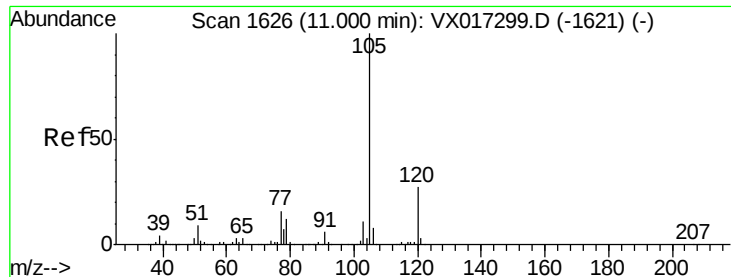
Tot Ion:106 Resp: 93512
Ion Ratio Lower Upper
106 100
91 214.4 109.6 328.8



#69
Styrene
Concen: 18.162 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017329.D
Acq: 10 Jul 2020 12:37

Tgt Ion:104 Resp: 164737
Ion Ratio Lower Upper
104 100
78 49.7 40.8 61.2
103 53.4 44.3 66.5





#70

Isopropylbenzene

Concen: 18.458 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

Instrument :

MSVOA_X

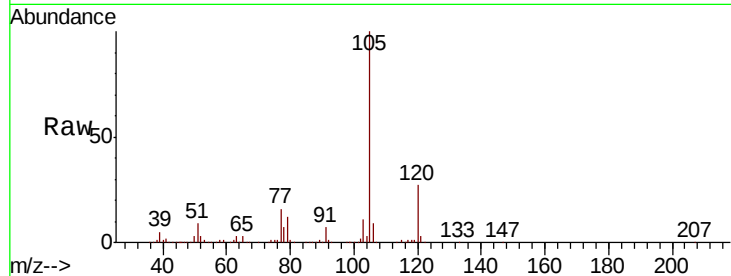
ClientSampleId :

Tot Ion:105 Resp: 258957

Ion Ratio Lower Upper

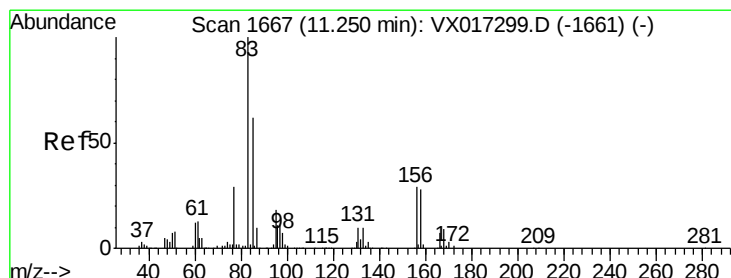
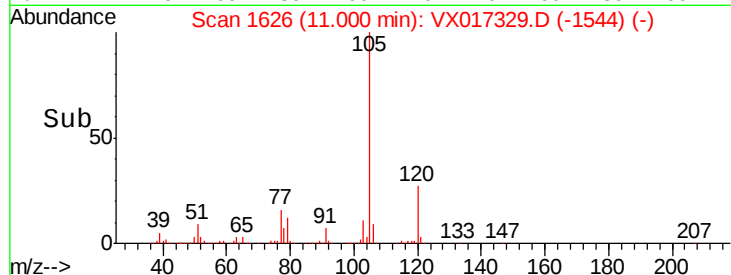
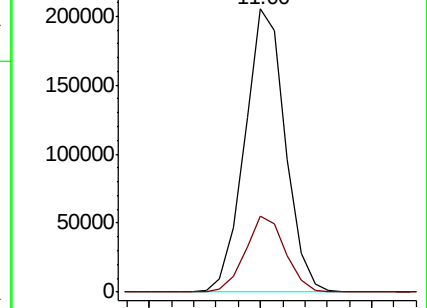
105 100

120 26.6 19.3 35.8



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: 18.272 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

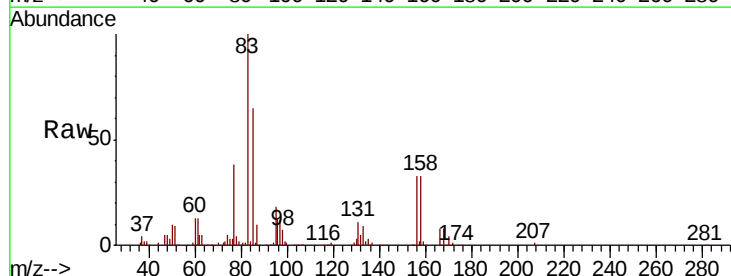
Tgt Ion: 83 Resp: 80393

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.5

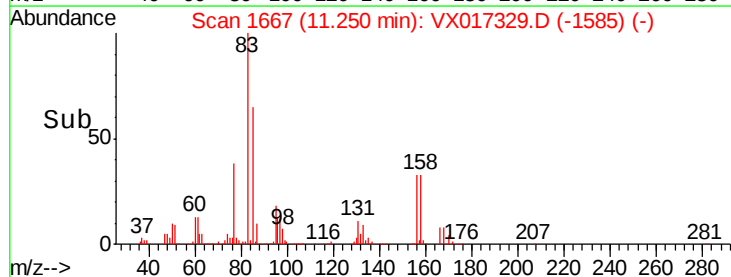
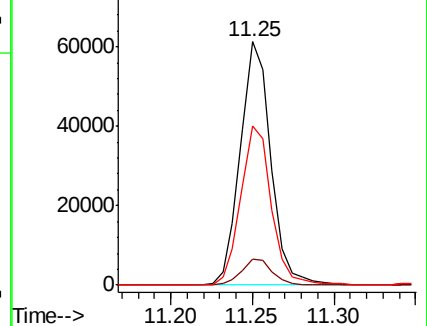
85 65.8 31.5 94.5

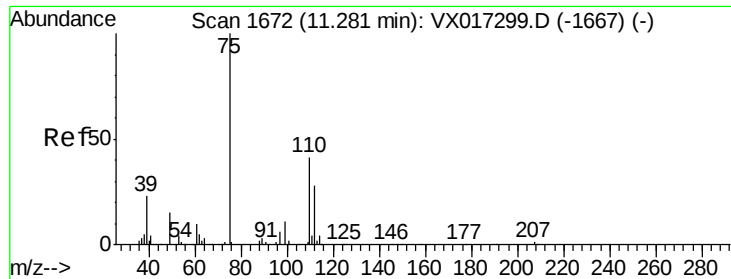


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0





#72

1,2,3-Trichloropropane

Concen: 23.932 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

Instrument :

MSVOA_X

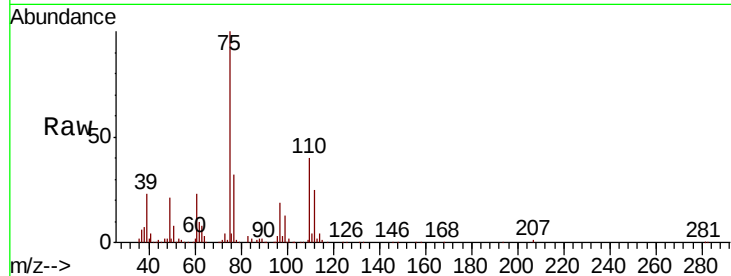
ClientSampleId :

Tot Ion: 75 Resp: 103433

Ion Ratio Lower Upper

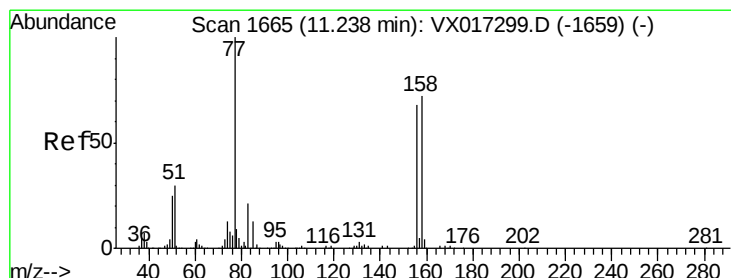
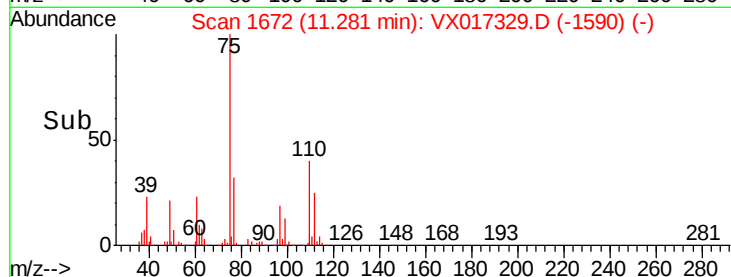
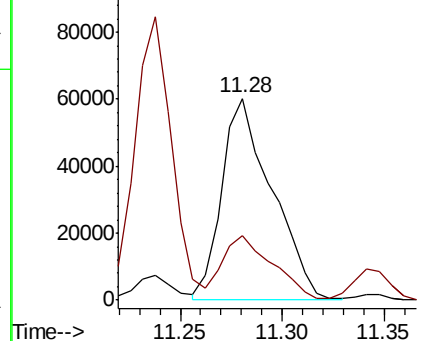
75 100

77 30.1 0.0 72.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#73

Bromobenzene

Concen: 17.656 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

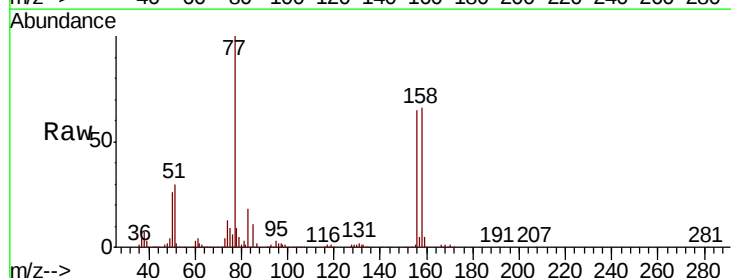
Tgt Ion: 156 Resp: 69593

Ion Ratio Lower Upper

156 100

77 153.0 0.0 299.2

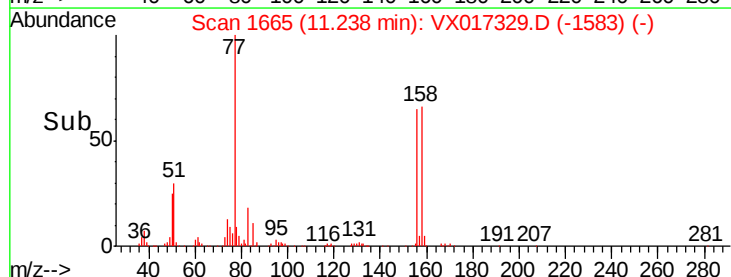
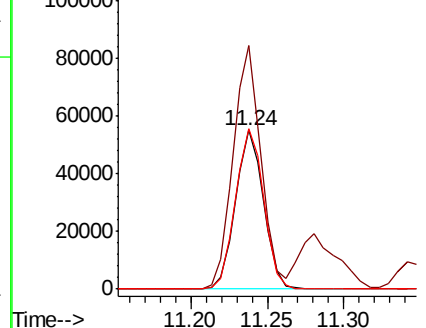
158 101.7 0.0 199.0

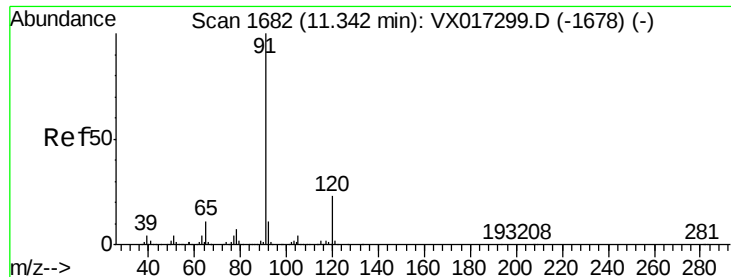


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V





#74

n-propylbenzene

Concen: 18.073 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

Instrument :

MSVOA_X

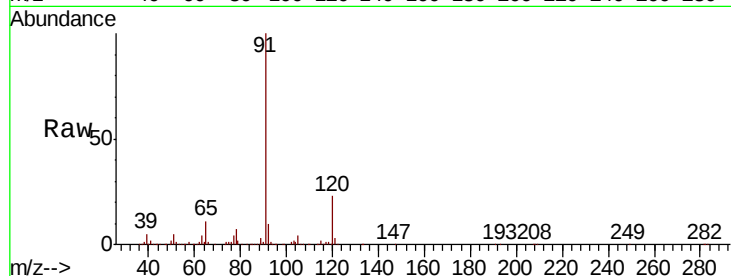
ClientSampled :

Tot Ion: 91 Resp: 293721

Ion Ratio Lower Upper

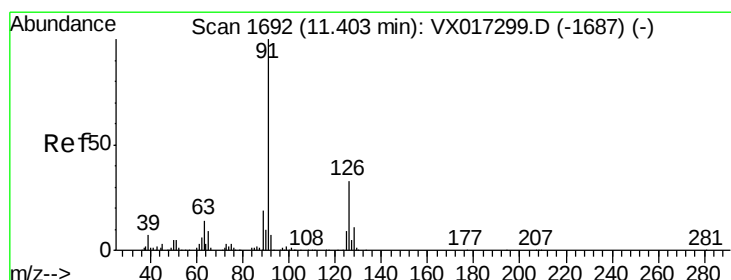
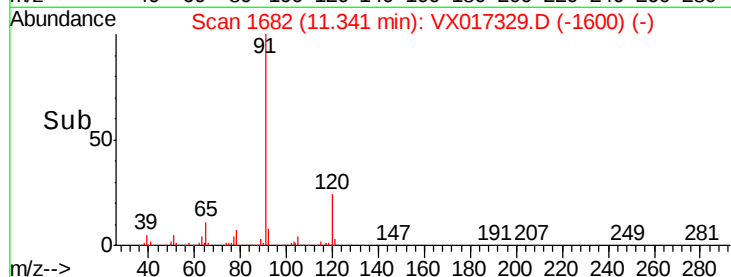
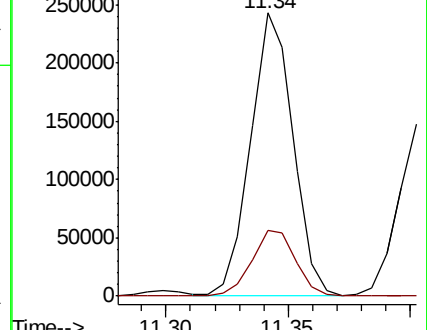
91 100

120 24.0 0.0 48.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#75

2-Chlorotoluene

Concen: 18.708 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017329.D

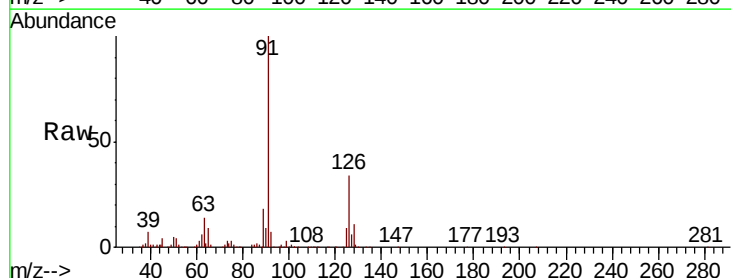
Acq: 10 Jul 2020 12:37

Tgt Ion: 91 Resp: 185357

Ion Ratio Lower Upper

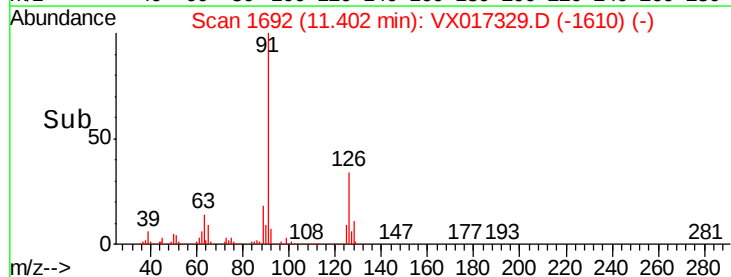
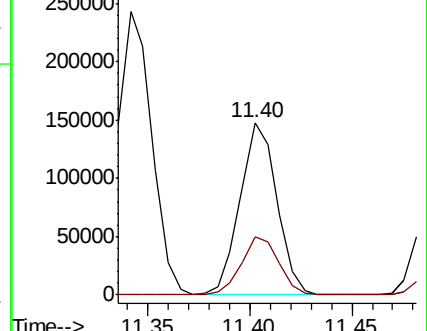
91 100

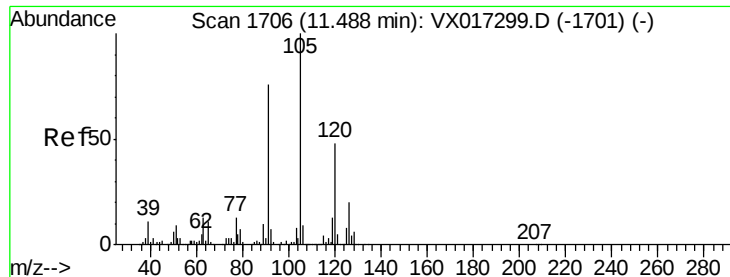
126 33.9 0.0 68.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#76

1,3,5-Trimethylbenzene

Concen: 18.443 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

Instrument :

MSVOA_X

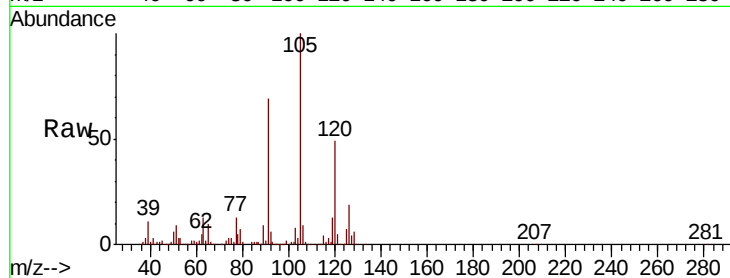
ClientSampleId :

Tot Ion:105 Resp: 221985

Ion Ratio Lower Upper

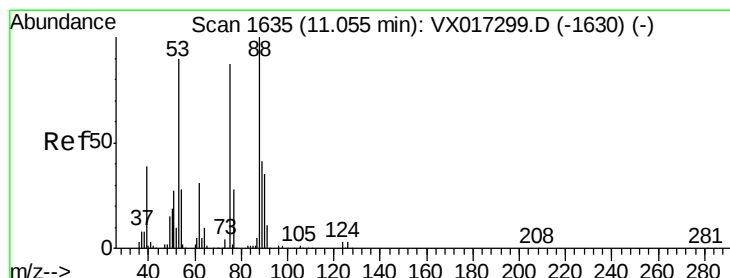
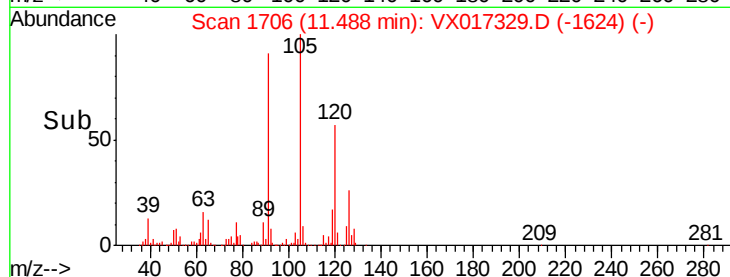
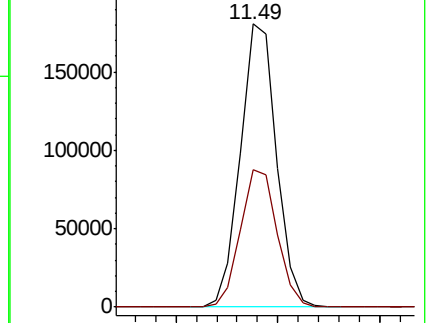
105 100

120 49.5 0.0 98.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#77

t-1,4-Dichloro-2-butene

Concen: 17.646 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

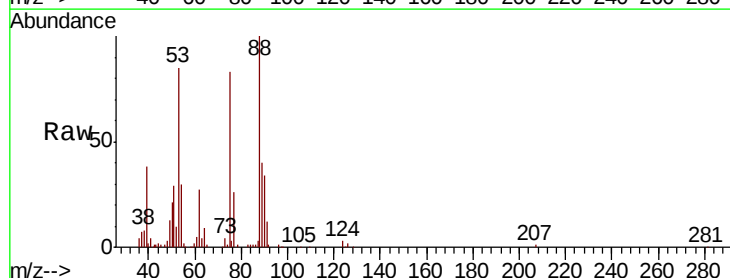
Tgt Ion: 75 Resp: 29081

Ion Ratio Lower Upper

75 100

53 102.0 52.1 156.3

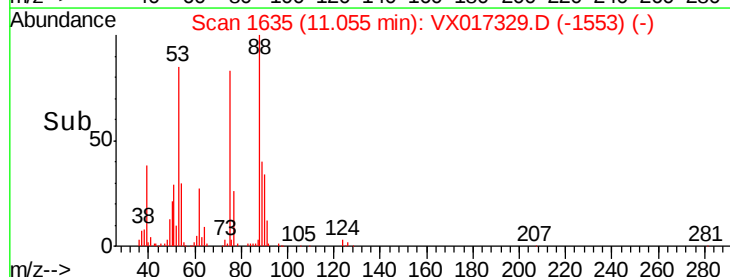
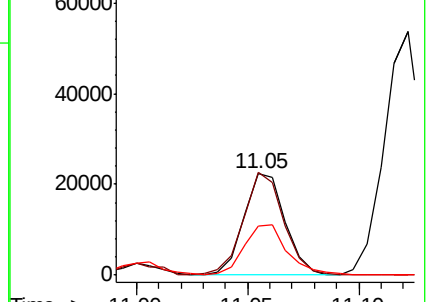
89 47.1 23.7 71.1

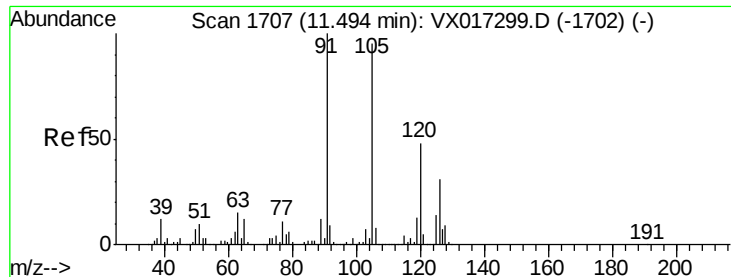


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0





#78

4-Chlorotoluene

Concen: 18.076 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

Instrument :

MSVOA_X

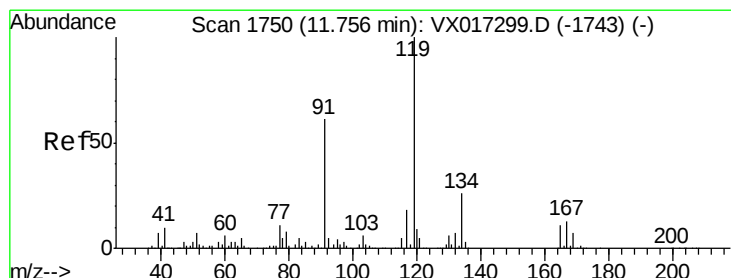
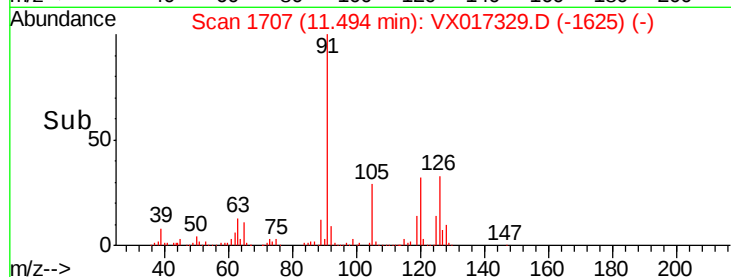
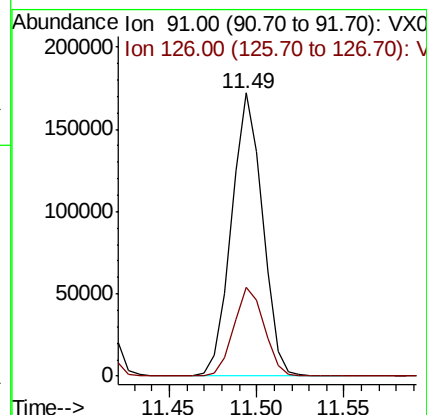
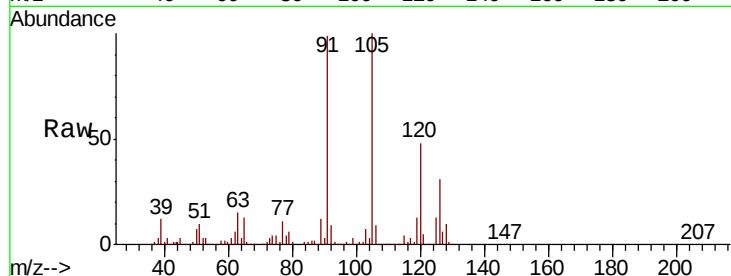
ClientSampleId :

Tot Ion: 91 Resp: 212302

Ion Ratio Lower Upper

91 100

126 31.0 0.0 61.2



#79

tert-butylbenzene

Concen: 18.060 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

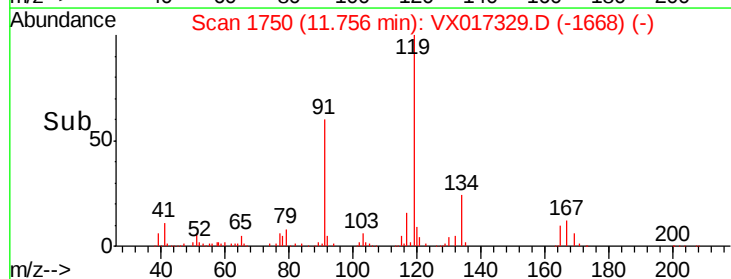
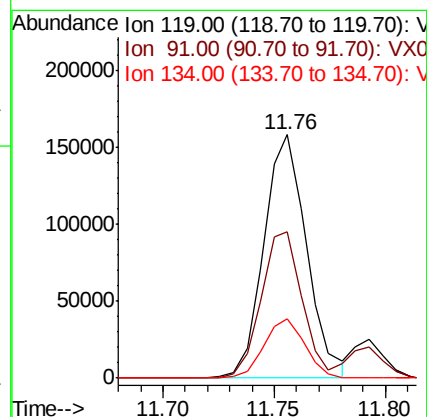
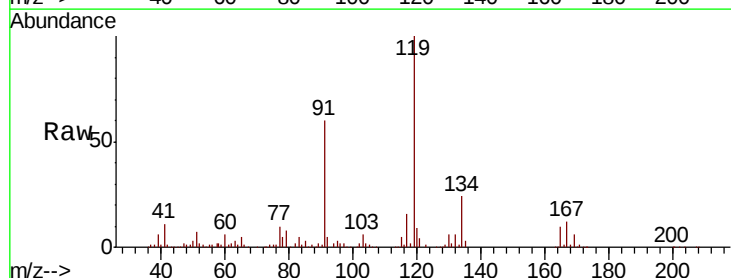
Tgt Ion: 119 Resp: 210933

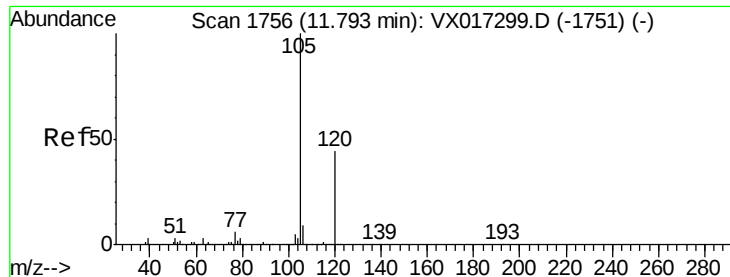
Ion Ratio Lower Upper

119 100

91 57.7 0.0 113.6

134 23.3 0.0 48.0

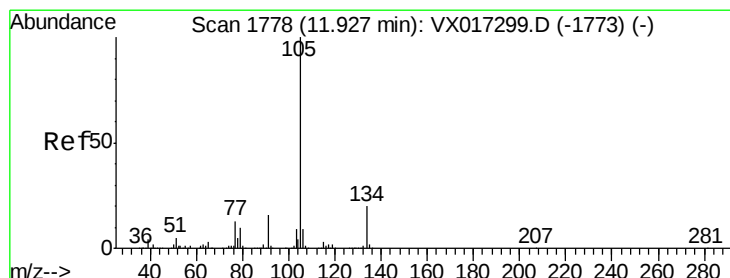
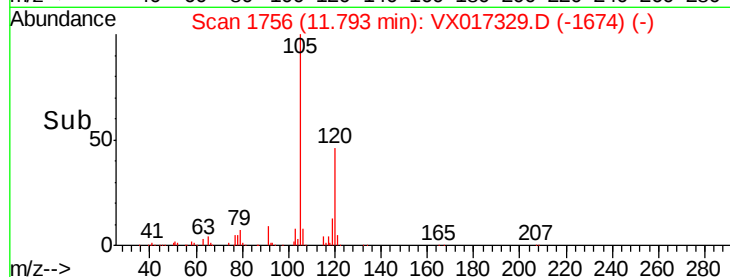
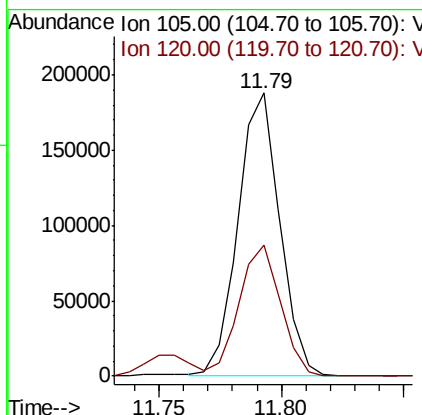
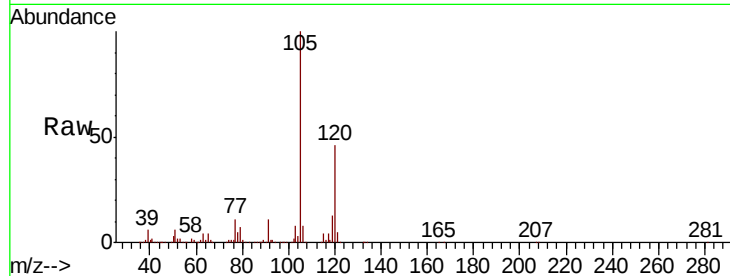




#80
 1,2,4-Trimethylbenzene
 Concen: 18.287 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017329.D
 Acq: 10 Jul 2020 12:37

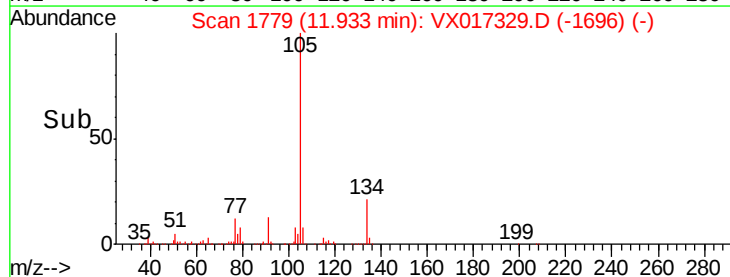
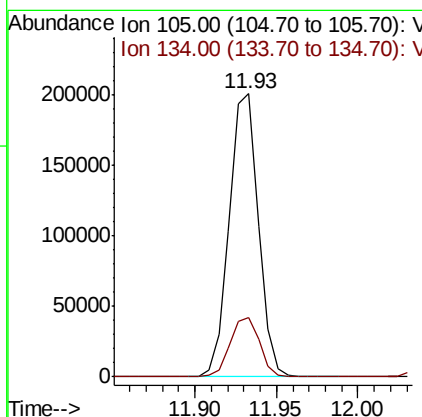
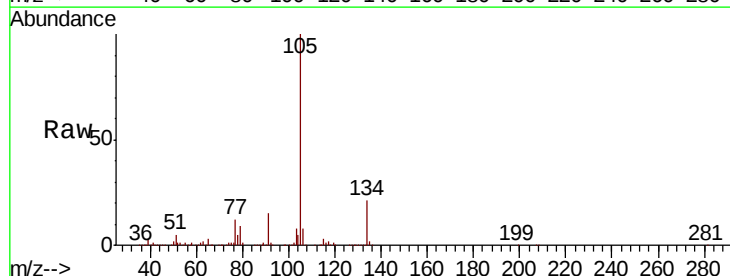
Instrument :
 MSVOA_X
 ClientSampleId :

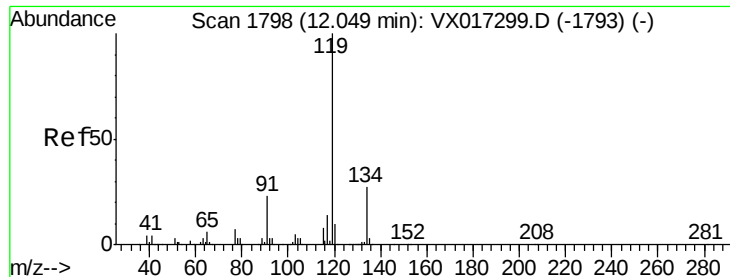
Tot Ion	Ratio	Lower	Upper
105	100		
120	46.3	0.0	93.6



#81
 sec-Butylbenzene
 Concen: 18.508 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX017329.D
 Acq: 10 Jul 2020 12:37

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.2	0.0	41.8

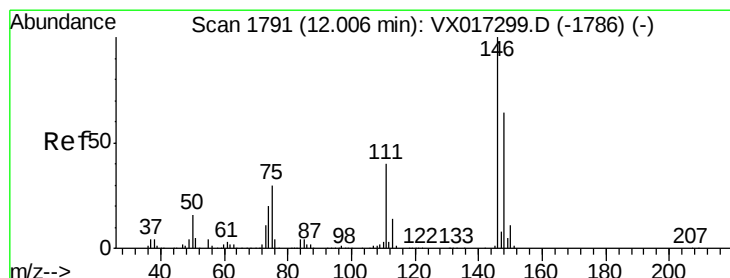
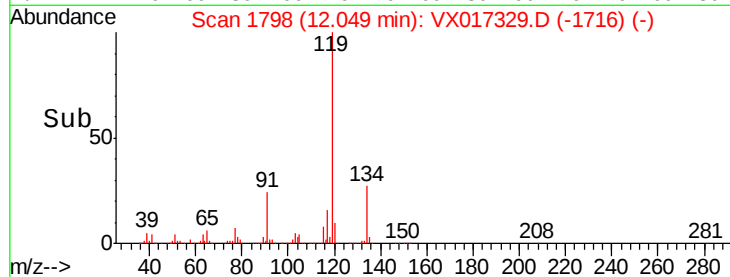
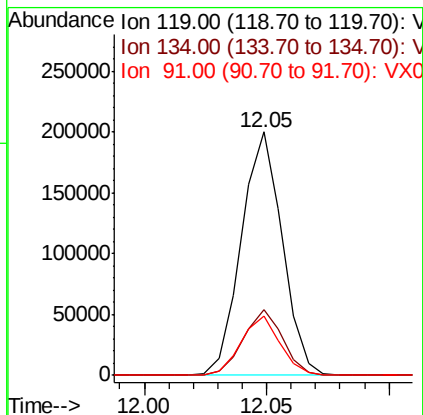
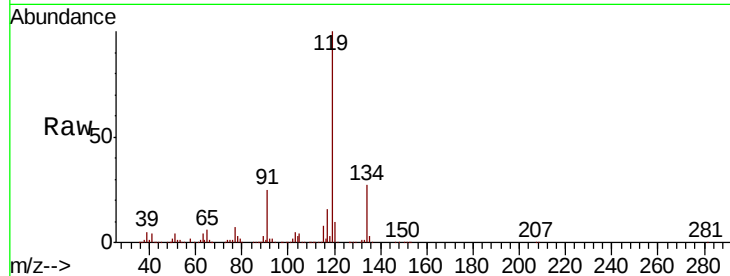




#82
 p-Isopropyltoluene
 Concen: 18.153 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017329.D
 Acq: 10 Jul 2020 12:37

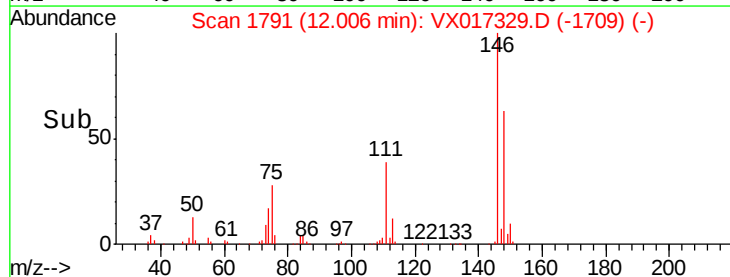
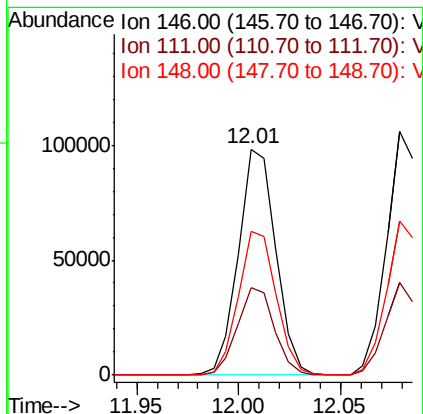
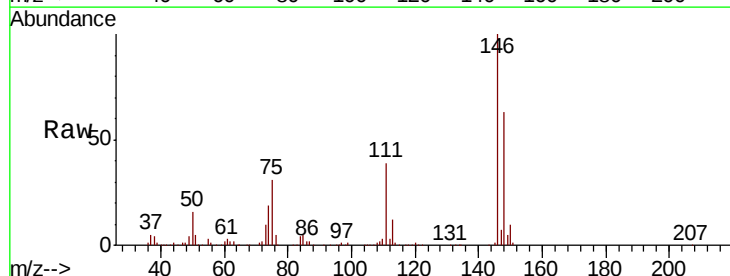
Instrument :
 MSVOA_X
 ClientSampled :

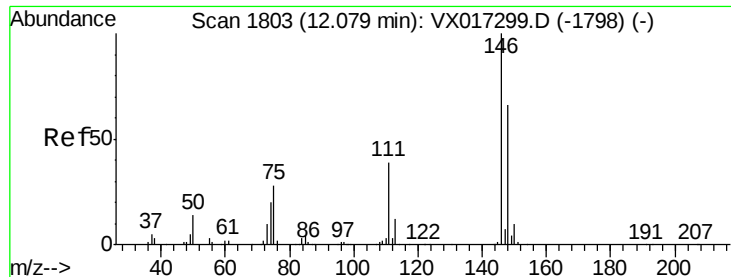
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.3	0.0	53.6
91	23.6	0.0	48.0



#83
 1,3-Dichlorobenzene
 Concen: 17.680 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX017329.D
 Acq: 10 Jul 2020 12:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.5	58.5
148	64.3	31.8	95.3





#84

1,4-Dichlorobenzene

Concen: 17.807 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

Instrument :

MSVOA_X

ClientSampled :

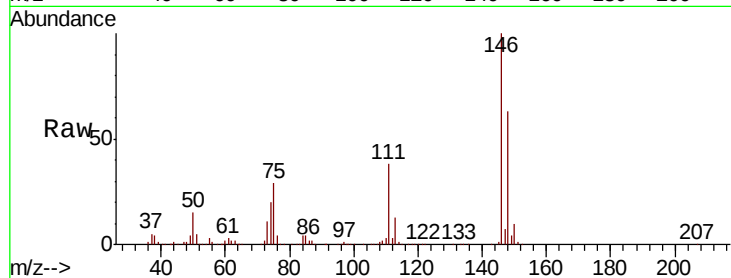
Tot Ion:146 Resp: 127812

Ion Ratio Lower Upper

146 100

111 37.1 19.1 57.3

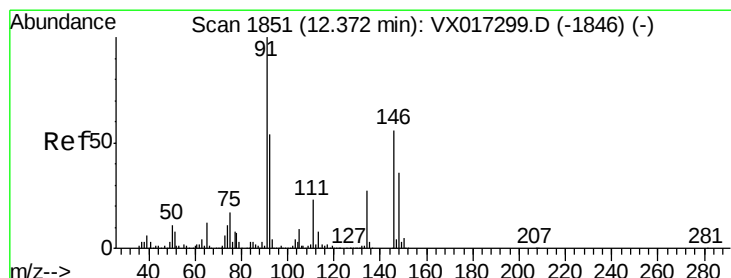
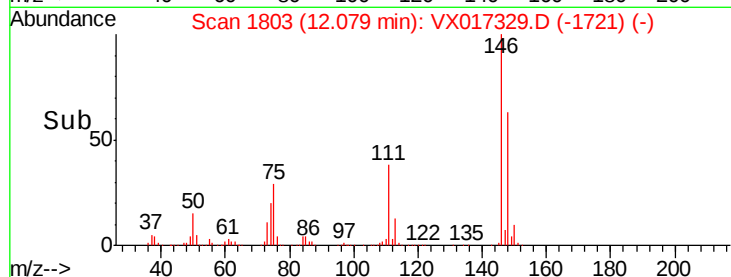
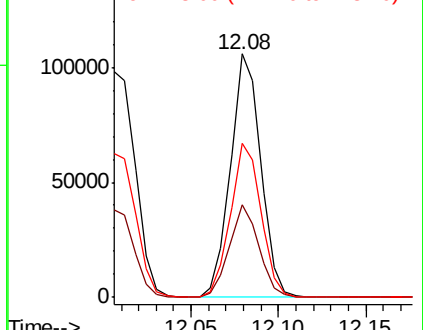
148 63.9 32.6 97.8



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: 17.488 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

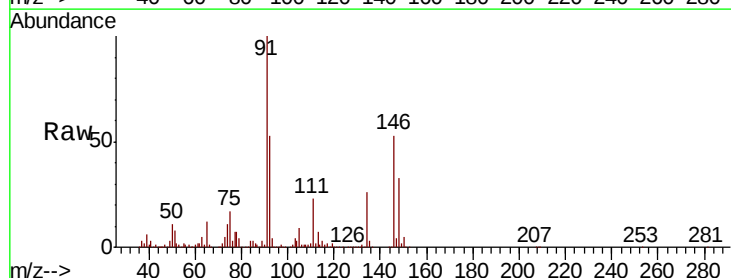
Tgt Ion: 91 Resp: 188100

Ion Ratio Lower Upper

91 100

92 53.2 0.0 108.2

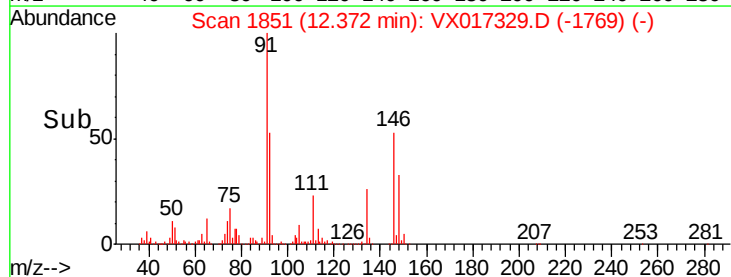
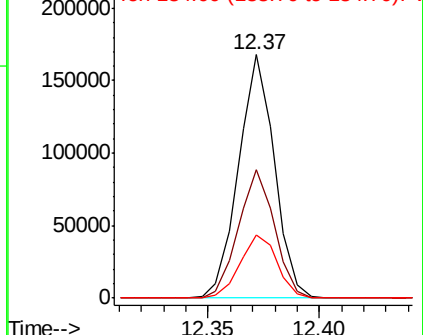
134 27.2 0.0 54.2

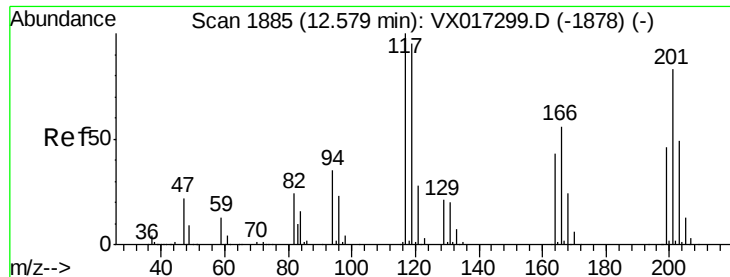


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#86

Hexachloroethane

Concen: 17.389 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

Instrument :

MSVOA_X

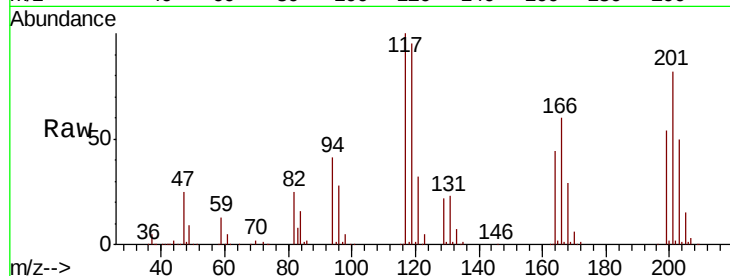
ClientSampled :

Tot Ion:117 Resp: 42822

Ion Ratio Lower Upper

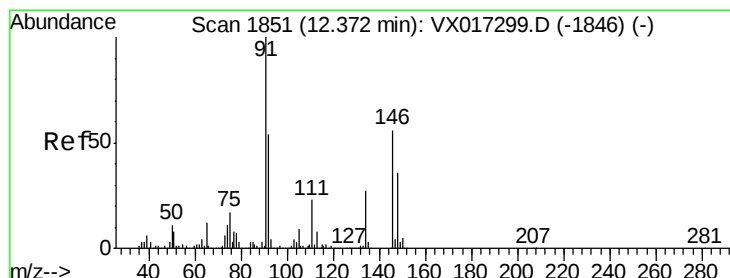
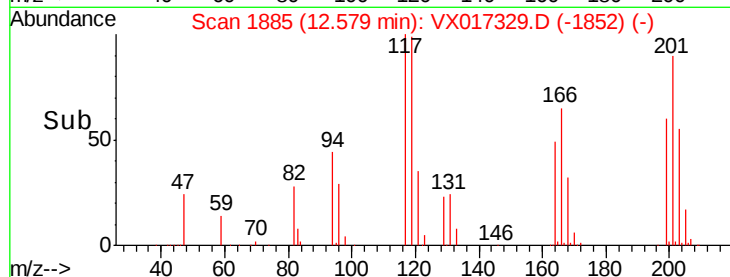
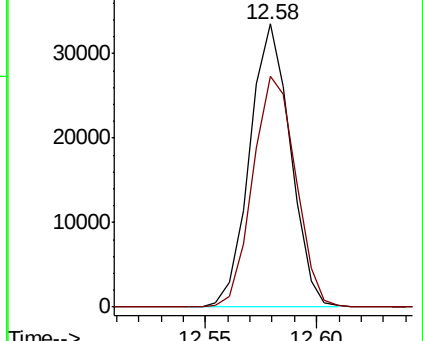
117 100

201 86.0 41.0 123.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V



#87

1,2-Dichlorobenzene

Concen: 17.904 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

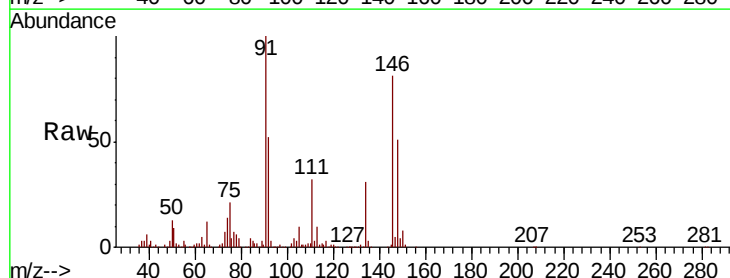
Tgt Ion:146 Resp: 121449

Ion Ratio Lower Upper

146 100

111 40.8 20.6 61.9

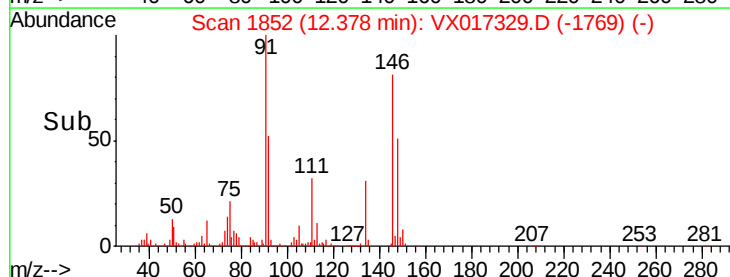
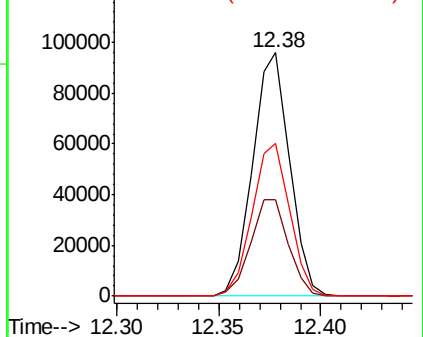
148 63.6 31.6 94.8

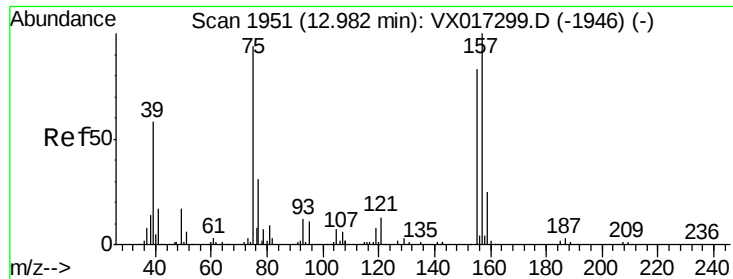


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#88

1,2-Dibromo-3-Chloropropane

Concen: 17.778 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

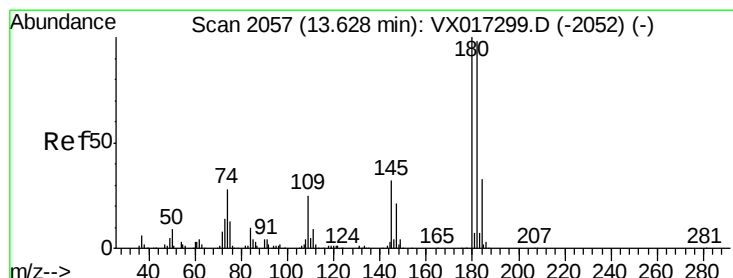
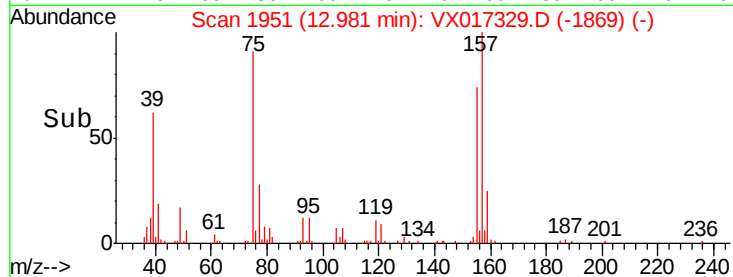
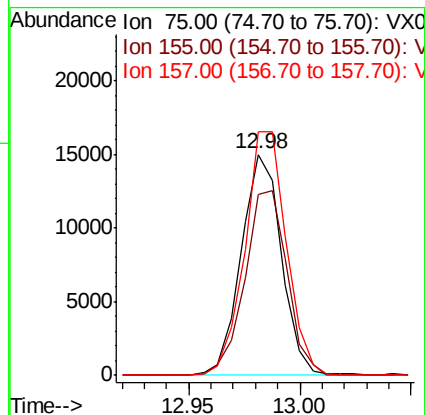
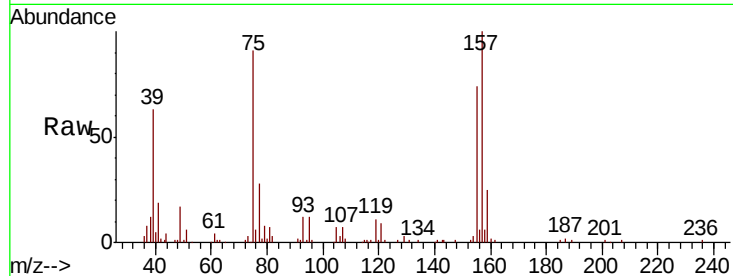
Tot Ion: 75 Resp: 18952

Ion Ratio Lower Upper

75 100

155 87.7 73.4 110.0

157 114.2 90.5 135.7



#89

1,2,4-Trichlorobenzene

Concen: 17.480 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX017329.D

Acq: 10 Jul 2020 12:37

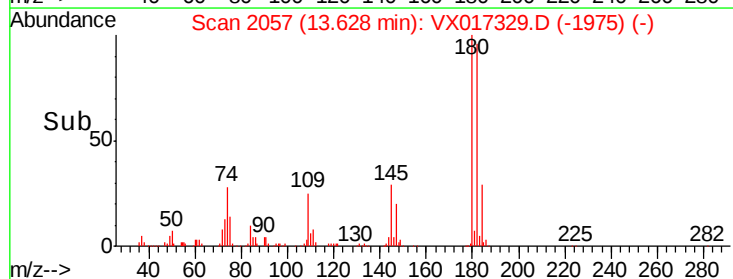
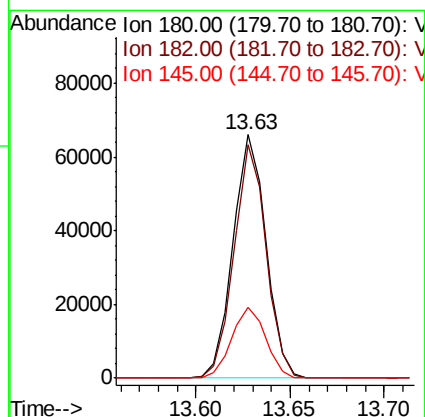
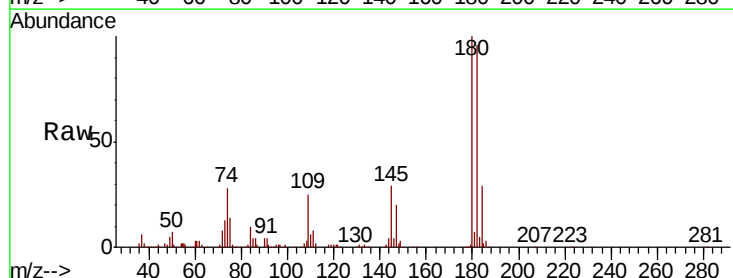
Tgt Ion: 180 Resp: 80418

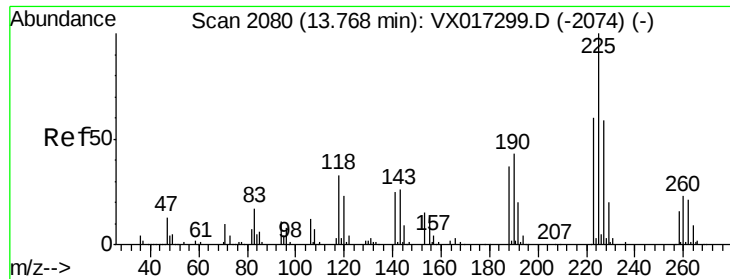
Ion Ratio Lower Upper

180 100

182 93.2 77.8 116.8

145 29.8 25.0 37.4

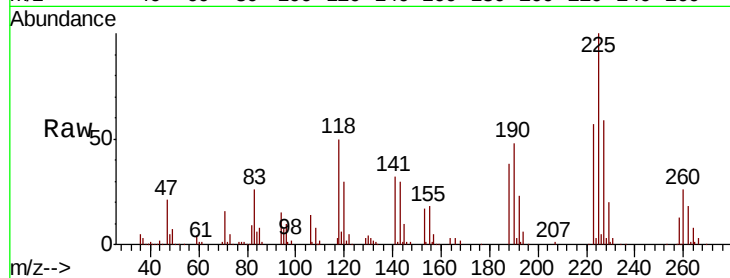




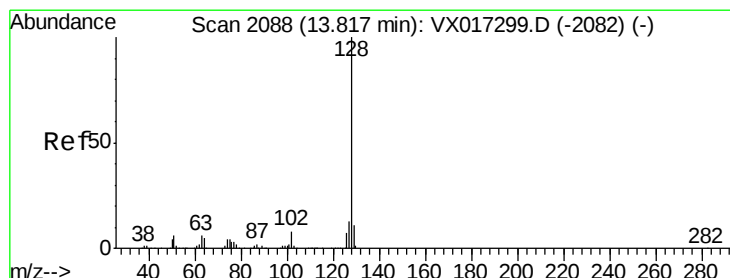
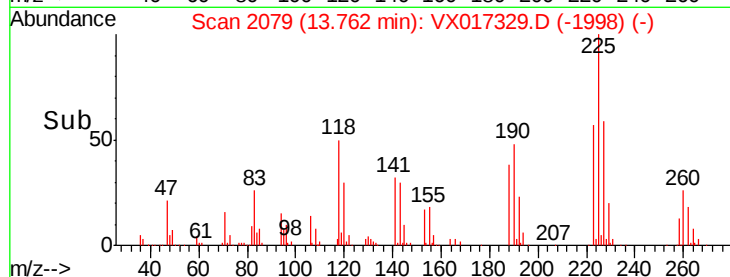
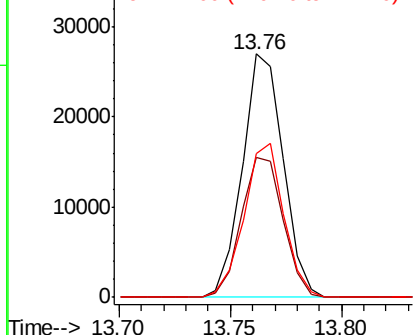
#90
Hexachlorobutadiene
Concen: 18.760 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX017329.D
Acq: 10 Jul 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:225 Resp: 34621
Ion Ratio Lower Upper
225 100
223 58.8 0.0 129.0
227 61.5 0.0 124.4

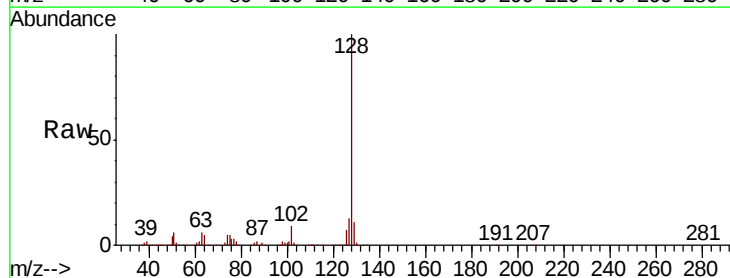


Abundance Ion 225.00 (224.70 to 225.70): V
Ion 223.00 (222.70 to 223.70): V
Ion 227.00 (226.70 to 227.70): V

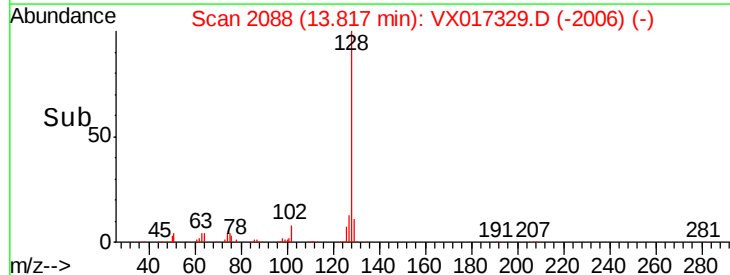
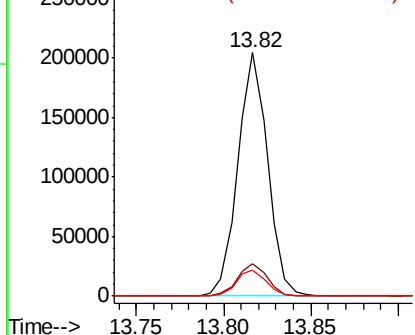


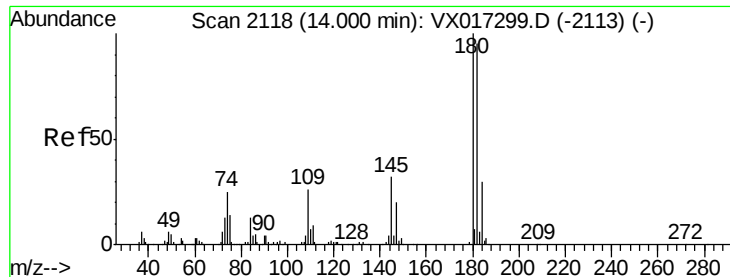
#91
Naphthalene
Concen: 17.159 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017329.D
Acq: 10 Jul 2020 12:37

Tgt Ion:128 Resp: 242018
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 10.9 9.0 13.4



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

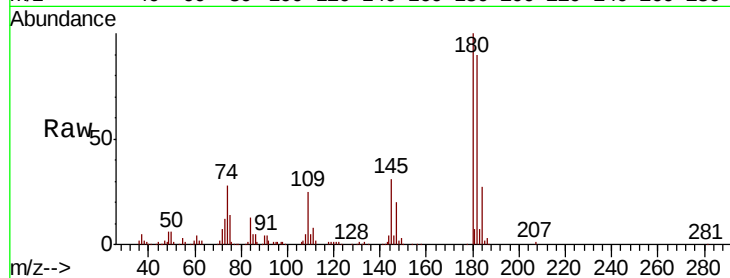




#92
 1,2,3-Trichlorobenzene
 Concen: 17.252 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VX017329.D
 Acq: 10 Jul 2020 12:37

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	0.0	185.6
145	33.0	0.0	63.0



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

