

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032285.D
 Acq On : 21 Oct 2022 13:52
 Operator : JC/MD
 Sample : N5185-19 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-3R

Quant Time: Oct 22 05:08:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	147004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	225889	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95964	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91130	47.653	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.300%
35) Dibromofluoromethane	5.385	113	71372	45.405	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.820%
50) Toluene-d8	8.647	98	266175	47.041	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.080%
62) 4-Bromofluorobenzene	11.079	95	96969	46.800	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.600%

Target Compounds			Qvalue			
3) Chloromethane	1.270	50	219	Below Cal	#	44
11) Tert butyl alcohol	2.941	59	1054	Below Cal	#	74
13) Acrolein	2.215	56	1012	4.347	ug/l #	1
14) Allyl chloride	2.715	41	1975	0.958	ug/l #	21
15) Acrylonitrile	3.099	53	2188	3.051	ug/l #	39
16) Acetone	2.386	43	2120	3.416	ug/l #	86
17) Carbon Disulfide	2.508	76	628	0.204	ug/l #	74
18) Methyl Acetate	2.782	43	31296	14.854	ug/l #	50
19) Methyl tert-butyl Ether	3.117	73	2176	0.481	ug/l #	1
20) Methylene Chloride	2.788	84	1088	0.683	ug/l #	34
23) Vinyl Acetate	3.745	43	983	0.273	ug/l #	71
25) 2-Butanone	4.574	43	1724	1.779	ug/l	94
29) Tetrahydrofuran	5.196	42	159	0.254	ug/l #	31
30) Chloroform	5.166	83	846	0.298	ug/l #	17
31) Cyclohexane	5.471	56	19231	8.796	ug/l	94
36) 1,1-Dichloropropene	5.556	75	11854	5.863	ug/l #	50
38) Carbon Tetrachloride	5.556	117	15768	7.387	ug/l #	16
39) Methylcyclohexane	7.379	83	14704	6.087	ug/l	95
40) Benzene	6.038	78	77773	13.271	ug/l	99
43) Isopropyl Acetate	6.355	43	836	0.269	ug/l #	61
48) Methyl methacrylate	7.653	41	2327	1.502	ug/l #	60
51) 4-Methyl-2-Pentanone	8.574	43	395	0.203	ug/l #	76
52) Toluene	8.720	92	7314	1.927	ug/l	99
53) t-1,3-Dichloropropene	8.714	75	44	1.837	ug/l #	49
55) 1,1,2-Trichloroethane	9.104	97	1717	1.113	ug/l #	21
56) Ethyl methacrylate	9.104	69	536	0.241	ug/l #	1
59) 2-Hexanone	9.446	43	648	0.446	ug/l	69
67) Ethyl Benzene	10.195	91	629404	88.269	ug/l	100
68) m/p-Xylenes	10.305	106	126361	44.873	ug/l	99
69) o-Xylene	10.647	106	13738	5.093	ug/l	95
70) Styrene	10.647	104	931	0.205	ug/l #	1
73) Isopropylbenzene	10.964	105	52638	7.687	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	52219	27.463	ug/l #	43
78) n-propylbenzene	11.305	91	165970	21.168	ug/l	100
79) 2-Chlorotoluene	11.403	91	21752	4.603	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	39883	6.743	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

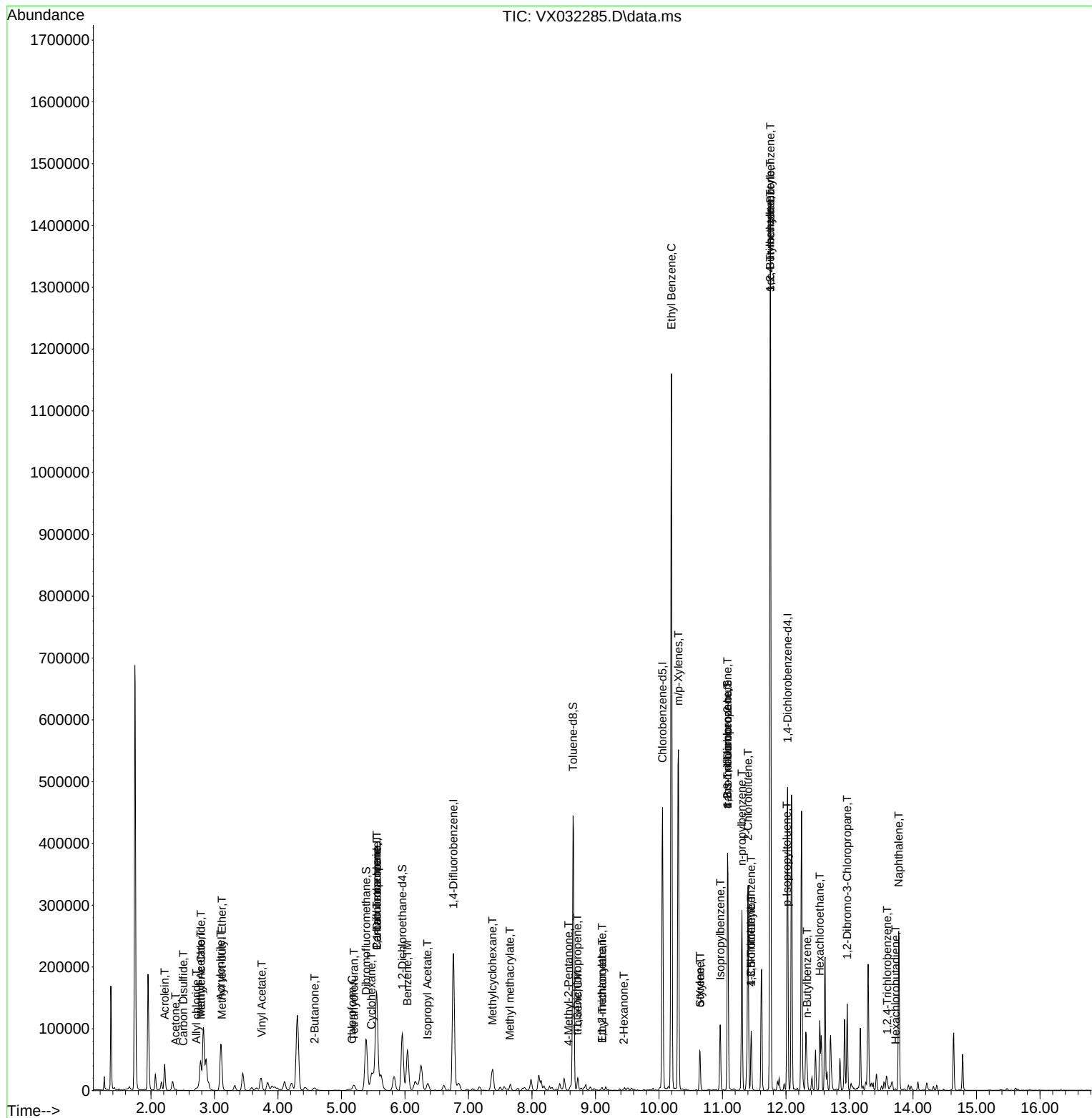
81) trans-1,4-Dichloro-2-b...	11.079	75	52219	84.276	ug/l #	6
82) 4-Chlorotoluene	11.451	91	5153	0.937	ug/l #	49
83) tert-Butylbenzene	11.756	119	75812	12.811	ug/l #	53
84) 1,2,4-Trimethylbenzene	11.750	105	624677	108.633	ug/l	100
85) sec-Butylbenzene	11.750	105	624677	87.347	ug/l #	56
86) p-Isopropyltoluene	12.012	119	4053	0.666	ug/l #	70
89) n-Butylbenzene	12.329	91	18959	3.537	ug/l #	49
90) Hexachloroethane	12.530	117	4489	4.754	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	12.963	75	503	1.196	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.591	180	448	0.217	ug/l #	56
94) Hexachlorobutadiene	13.725	225	332	0.371	ug/l	76
95) Naphthalene	13.774	128	157581	23.831	ug/l	100

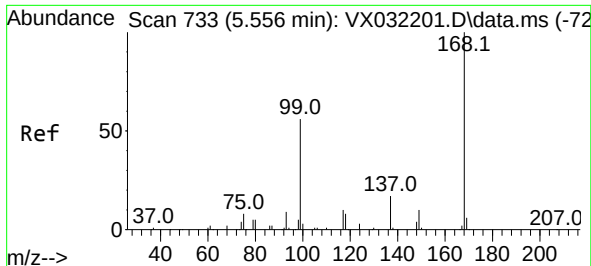
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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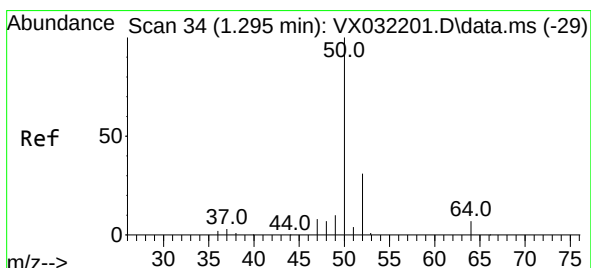
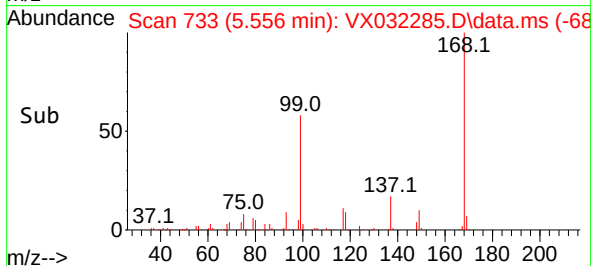
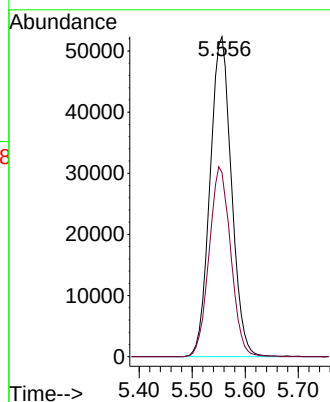
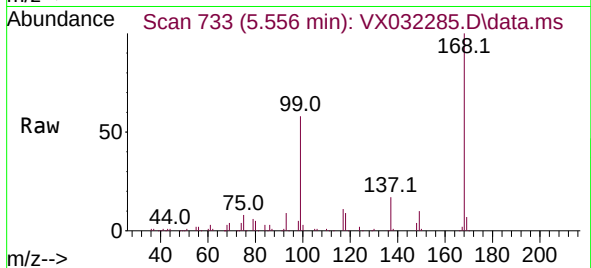




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032285.D
Acq: 21 Oct 2022 13:52

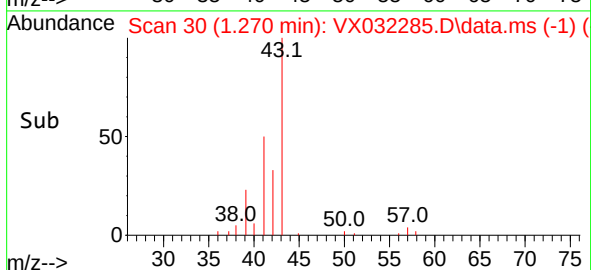
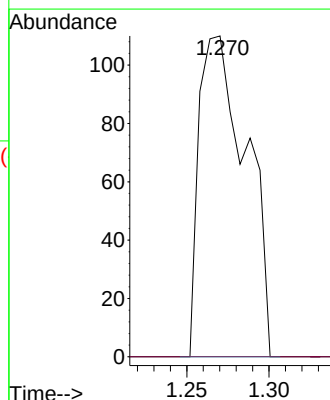
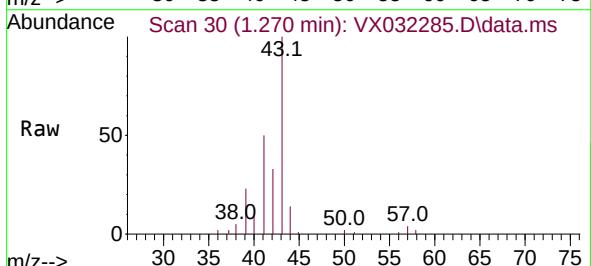
Instrument :
MSVOA_X
ClientSampleId :
PZ-3R

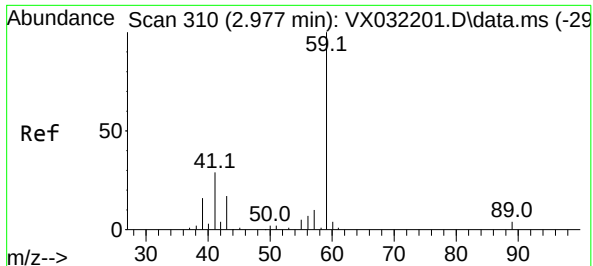
Tgt Ion:168 Resp: 147004
Ion Ratio Lower Upper
168 100
99 57.5 44.8 67.2



#3
Chloromethane
Concen: Below Cal
RT: 1.270 min Scan# 30
Delta R.T. -0.025 min
Lab File: VX032285.D
Acq: 21 Oct 2022 13:52

Tgt Ion: 50 Resp: 219
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#

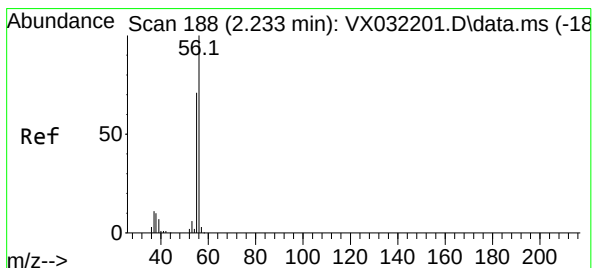
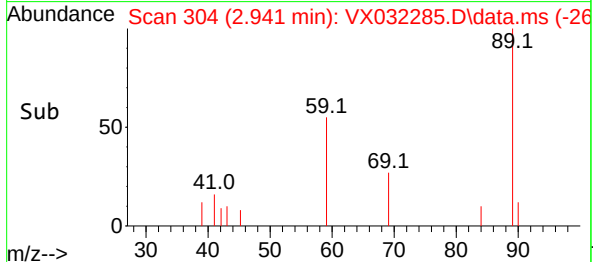
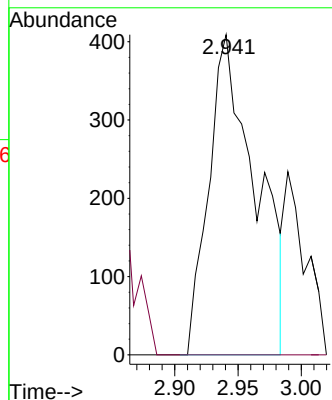
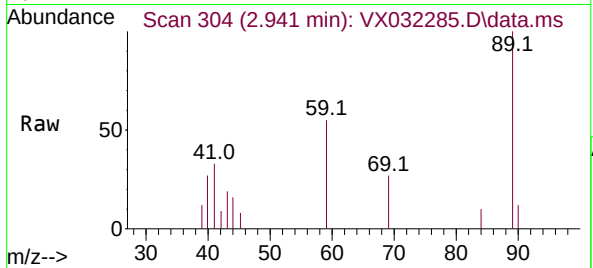




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.036 min
Lab File: VX032285.D
Acq: 21 Oct 2022 13:52

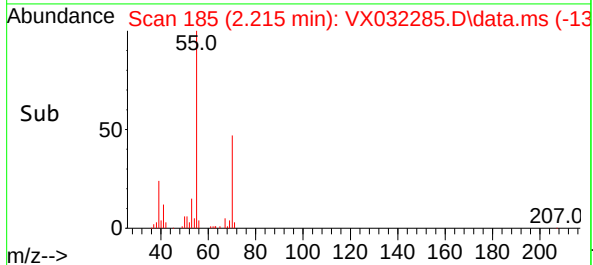
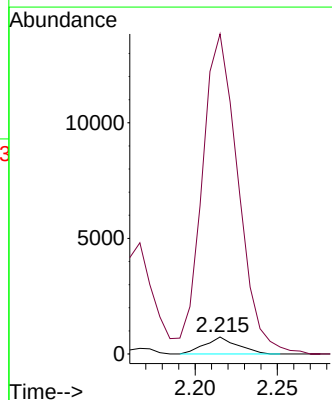
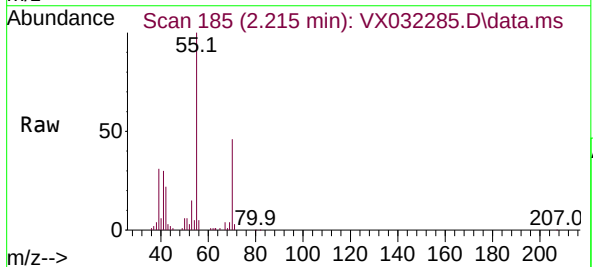
Instrument :
MSVOA_X
ClientSampleId :
PZ-3R

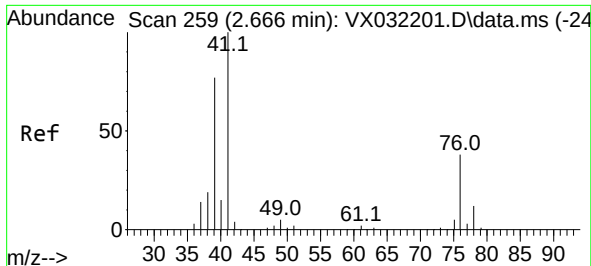
Tgt Ion: 59 Resp: 1054
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#



#13
Acrolein
Concen: 4.347 ug/l
RT: 2.215 min Scan# 185
Delta R.T. -0.018 min
Lab File: VX032285.D
Acq: 21 Oct 2022 13:52

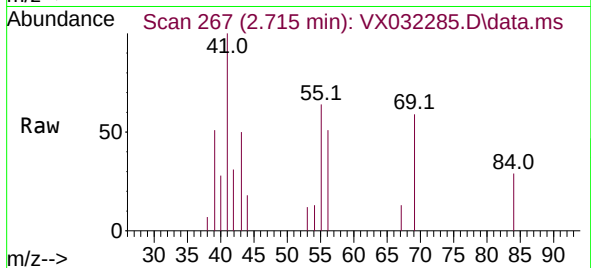
Tgt Ion: 56 Resp: 1012
Ion Ratio Lower Upper
56 100
55 2096.2 56.4 84.6#



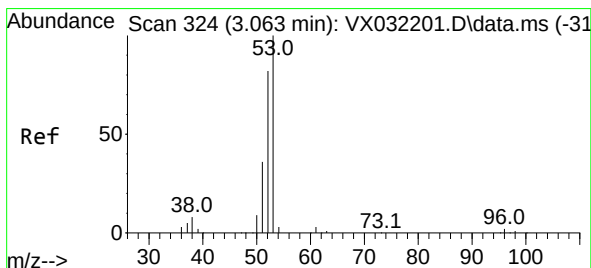
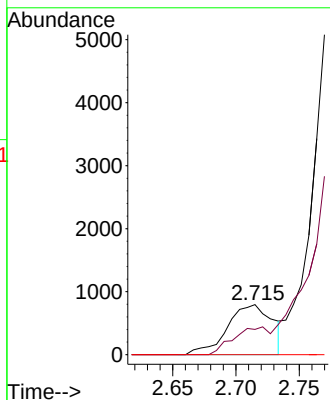
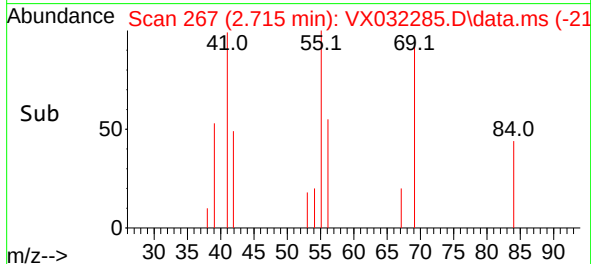


#14
 Allyl chloride
 Concen: 0.958 ug/l
 RT: 2.715 min Scan# 21
 Delta R.T. 0.049 min
 Lab File: VX032285.D
 Acq: 21 Oct 2022 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-3R

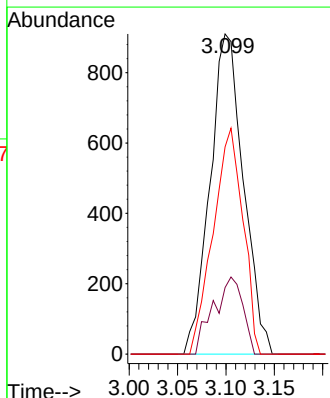
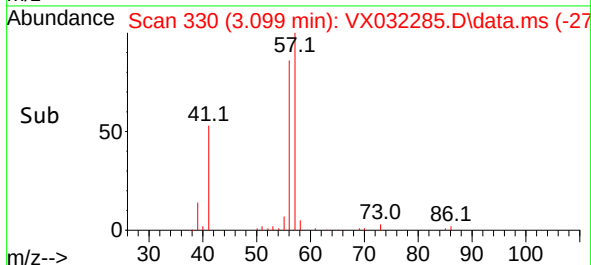
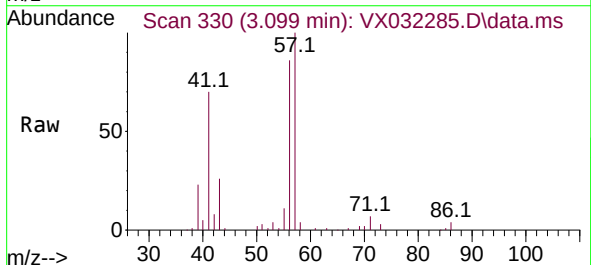


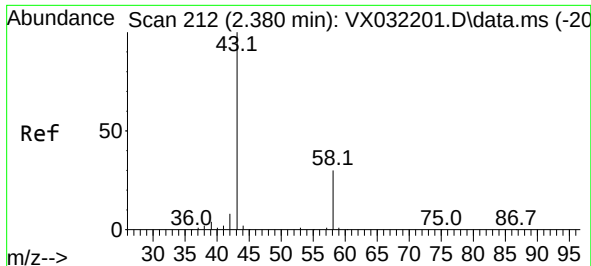
Tgt Ion: 41 Resp: 1975
 Ion Ratio Lower Upper
 41 100
 39 0.0 59.5 89.3#
 76 0.0 28.6 42.8#



#15
 Acrylonitrile
 Concen: 3.051 ug/l
 RT: 3.099 min Scan# 330
 Delta R.T. 0.036 min
 Lab File: VX032285.D
 Acq: 21 Oct 2022 13:52

Tgt Ion: 53 Resp: 2188
 Ion Ratio Lower Upper
 53 100
 52 21.1 65.9 98.9#
 51 62.9 29.7 44.5#

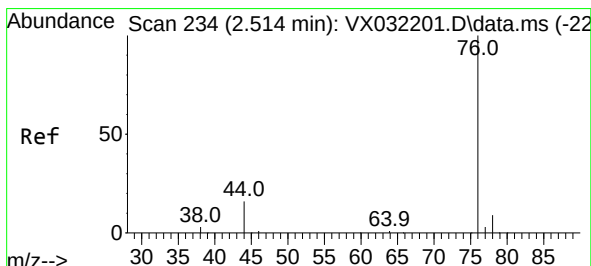
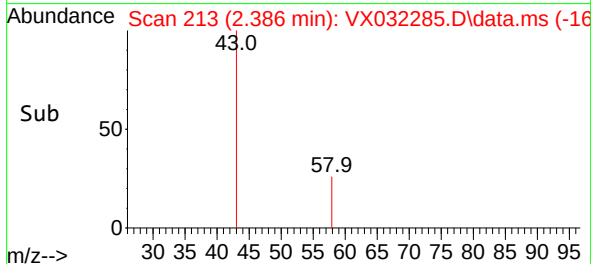
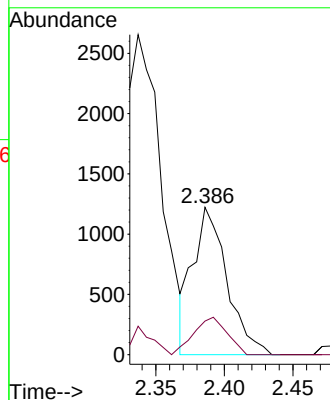
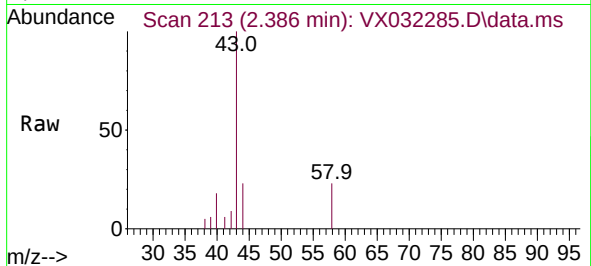




#16
Acetone
Concen: 3.416 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032285.D
Acq: 21 Oct 2022 13:52

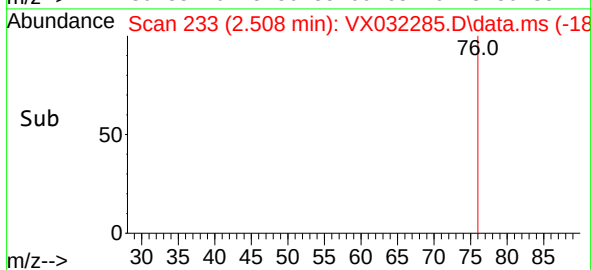
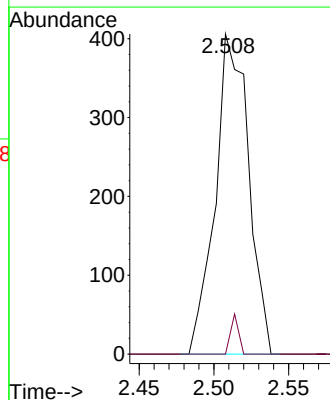
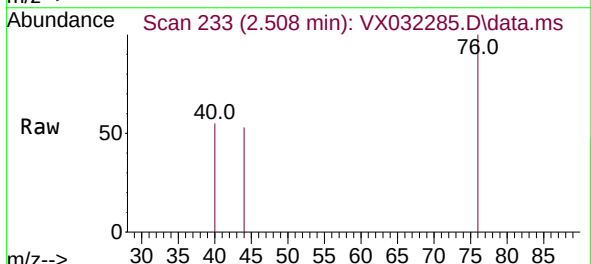
Instrument :
MSVOA_X
ClientSampleId :
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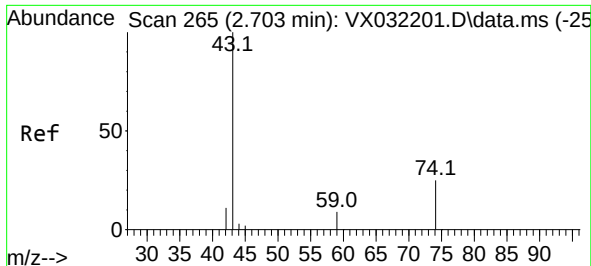
Tgt Ion: 43 Resp: 2120
Ion Ratio Lower Upper
43 100
58 22.7 24.2 36.2#



#17
Carbon Disulfide
Concen: 0.204 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX032285.D
Acq: 21 Oct 2022 13:52

Tgt Ion: 76 Resp: 628
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#





#18

Methyl Acetate

Concen: 14.854 ug/l

RT: 2.782 min Scan# 21

Delta R.T. 0.079 min

Lab File: VX032285.D

Acq: 21 Oct 2022 13:52

Instrument :

MSVOA_X

ClientSampleId :

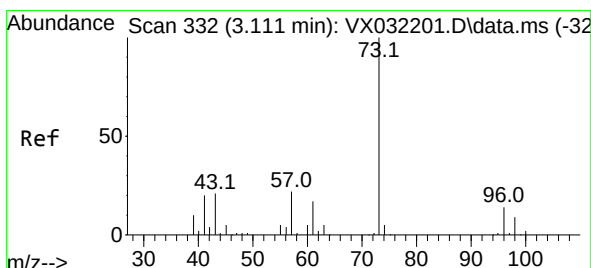
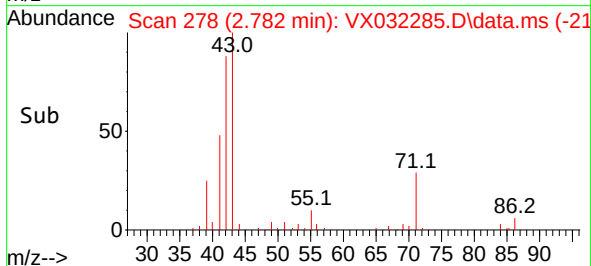
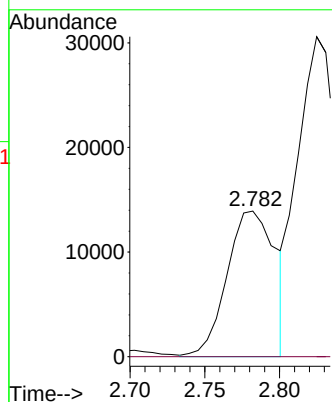
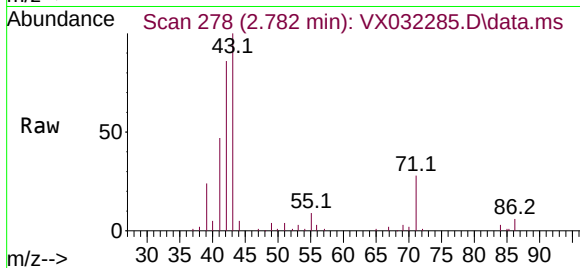
PZ-3R

Tgt Ion: 43 Resp: 31296

Ion Ratio Lower Upper

43 100

74 0.0 19.8 29.8#



#19

Methyl tert-butyl Ether

Concen: 0.481 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.006 min

Lab File: VX032285.D

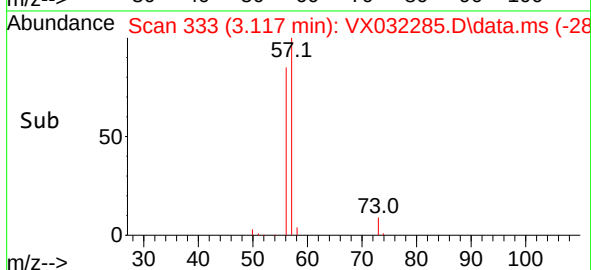
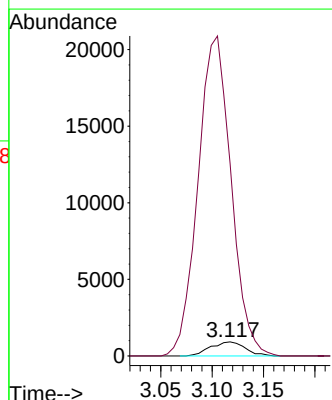
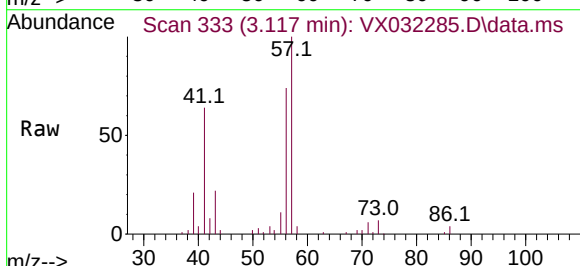
Acq: 21 Oct 2022 13:52

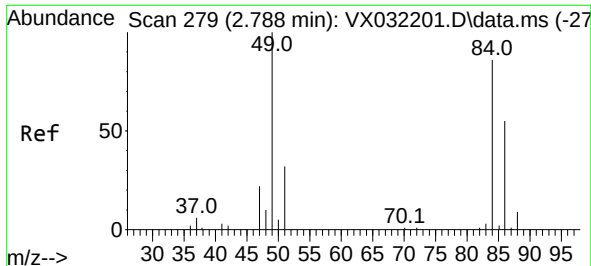
Tgt Ion: 73 Resp: 2176

Ion Ratio Lower Upper

73 100

57 1363.8 17.4 26.2#

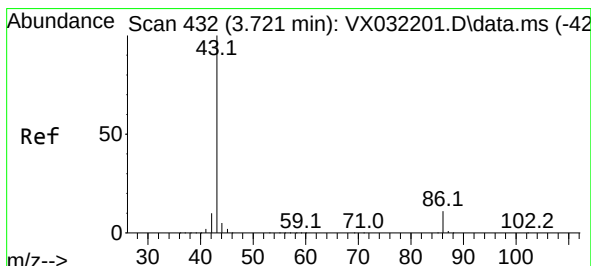
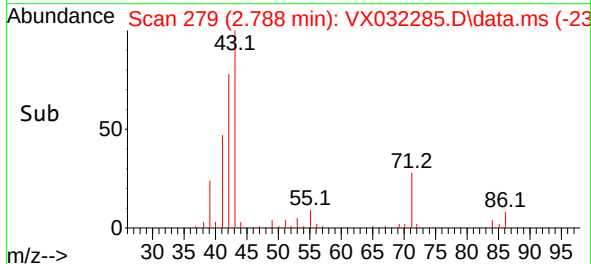
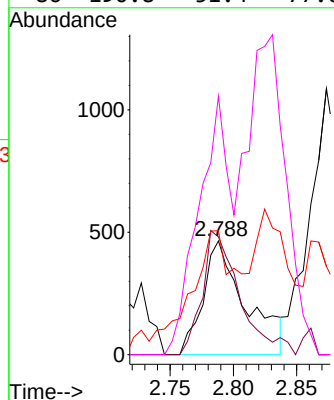
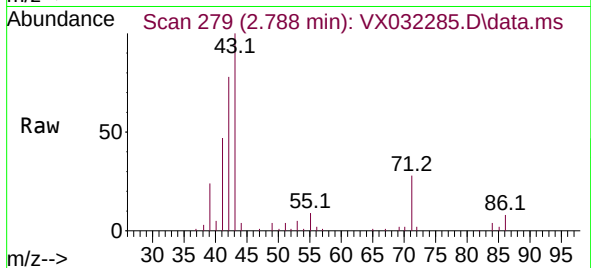




#20
Methylene Chloride
Concen: 0.683 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032285.D
Acq: 21 Oct 2022 13:52

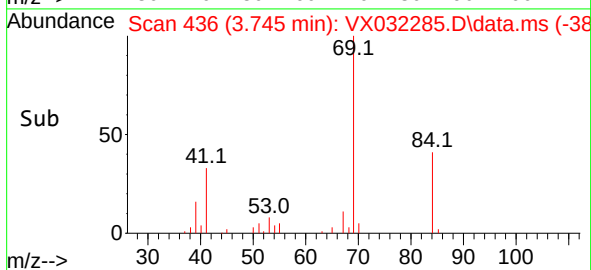
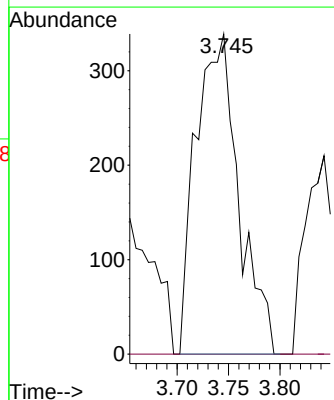
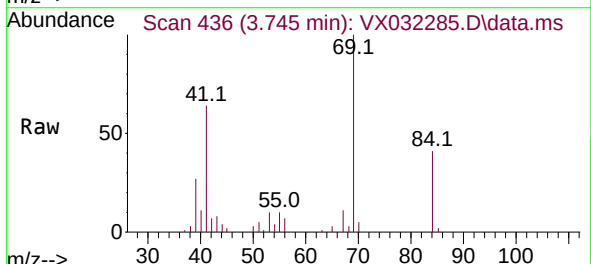
Instrument :
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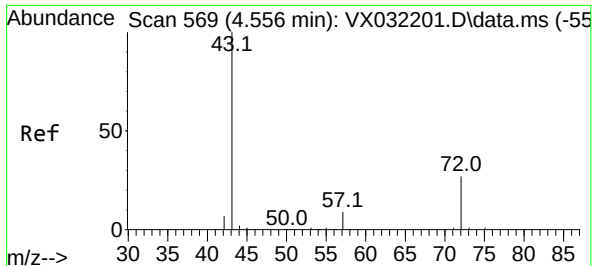
Tgt Ion:	84	Resp:	1088
Ion	Ratio	Lower	Upper
84	100		
49	103.4	92.6	139.0
51	77.2	29.2	43.8#
86	190.8	51.4	77.0#



#23
Vinyl Acetate
Concen: 0.273 ug/l
RT: 3.745 min Scan# 436
Delta R.T. 0.024 min
Lab File: VX032285.D
Acq: 21 Oct 2022 13:52

Tgt Ion:	43	Resp:	983
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.6	13.0#





#25

2-Butanone

Concen: 1.779 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX032285.D

Acq: 21 Oct 2022 13:52

Instrument :

MSVOA_X

ClientSampleId :

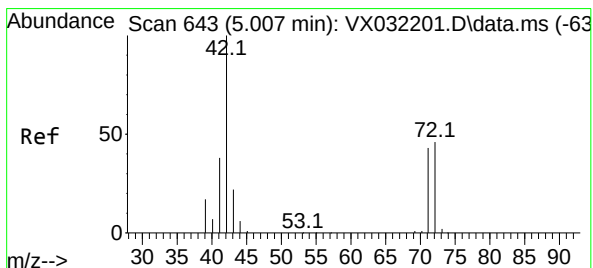
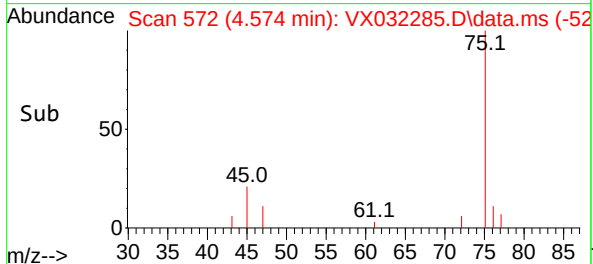
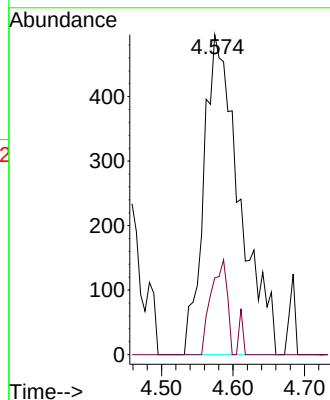
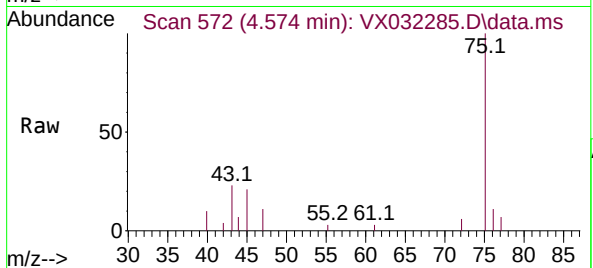
PZ-3R

Tgt Ion: 43 Resp: 1724

Ion Ratio Lower Upper

43 100

72 24.0 21.7 32.5



#29

Tetrahydrofuran

Concen: 0.254 ug/l

RT: 5.196 min Scan# 674

Delta R.T. 0.189 min

Lab File: VX032285.D

Acq: 21 Oct 2022 13:52

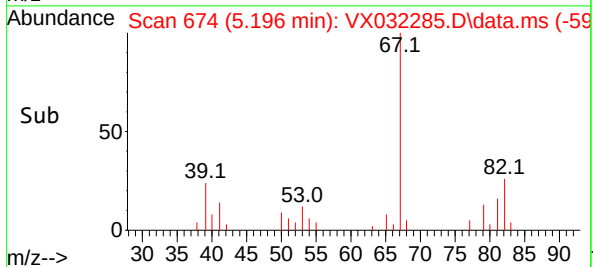
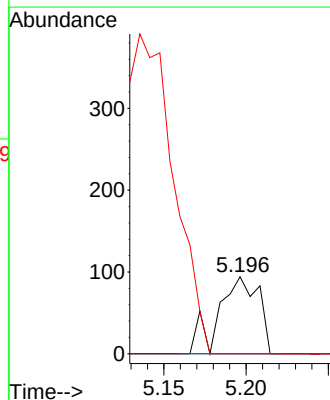
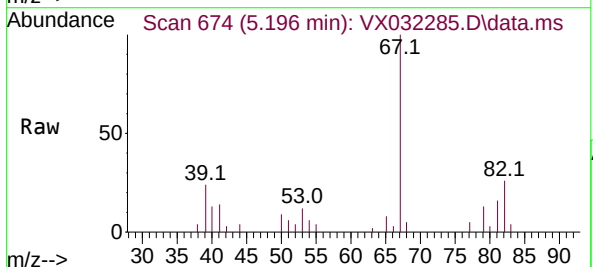
Tgt Ion: 42 Resp: 159

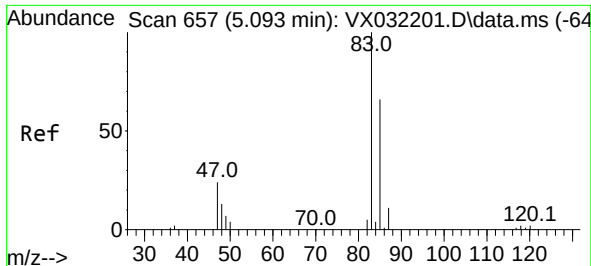
Ion Ratio Lower Upper

42 100

72 0.0 37.5 56.3#

71 0.0 34.7 52.1#

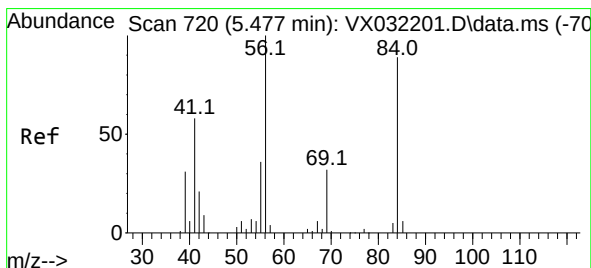
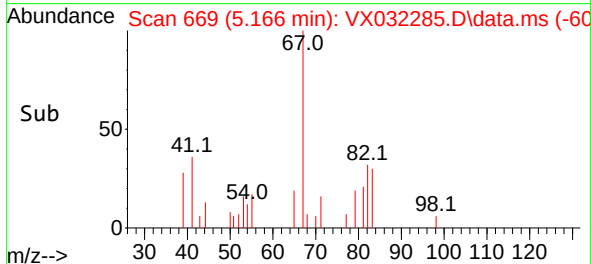
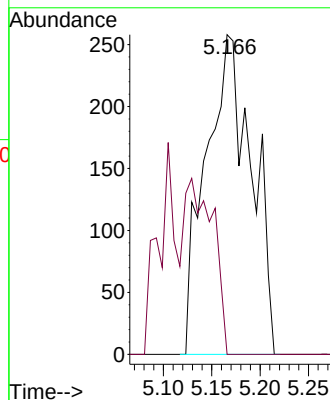
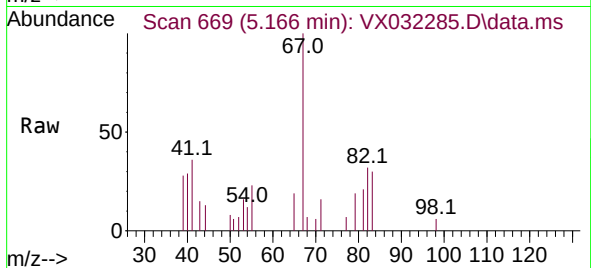




#30
Chloroform
Concen: 0.298 ug/l
RT: 5.166 min Scan# 60
Delta R.T. 0.073 min
Lab File: VX032285.D
Acq: 21 Oct 2022 13:52

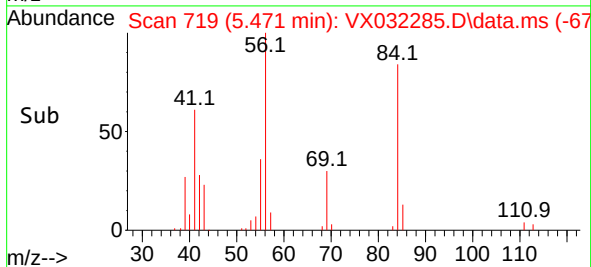
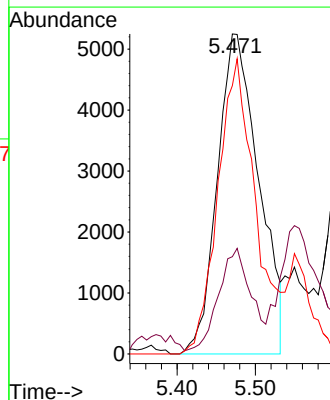
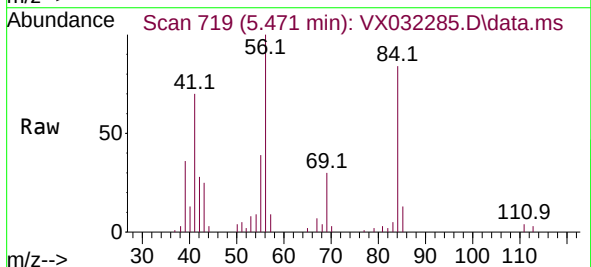
Instrument :
MSVOA_X
ClientSampleId :
PZ-3R

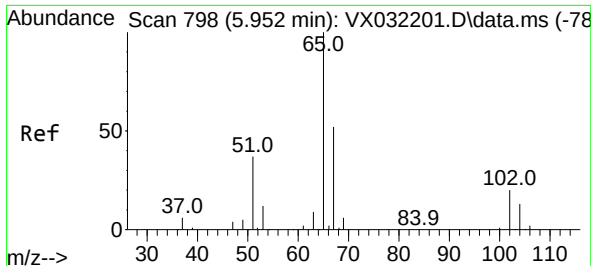
Tgt Ion: 83 Resp: 846
Ion Ratio Lower Upper
83 100
85 0.0 52.5 78.7#



#31
Cyclohexane
Concen: 8.796 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX032285.D
Acq: 21 Oct 2022 13:52

Tgt Ion: 56 Resp: 19231
Ion Ratio Lower Upper
56 100
69 27.5 25.4 38.0
84 83.8 71.2 106.8





#33

1,2-Dichloroethane-d4

Concen: 47.653 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032285.D

Acq: 21 Oct 2022 13:52

Instrument :

MSVOA_X

ClientSampleId :

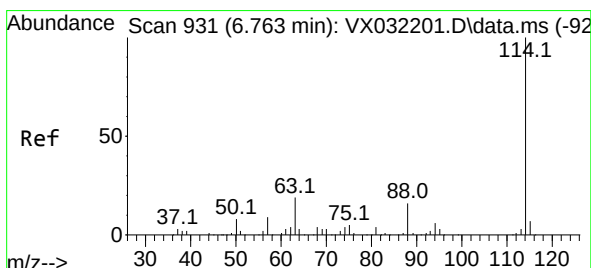
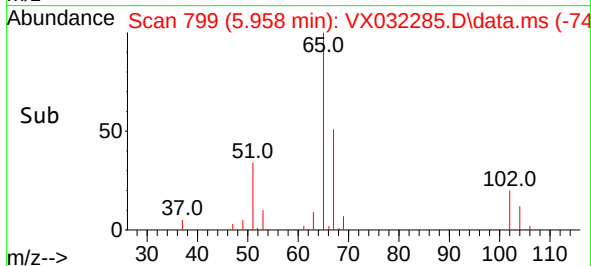
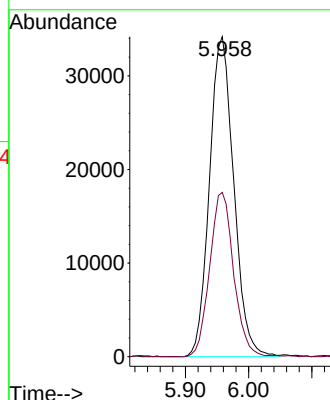
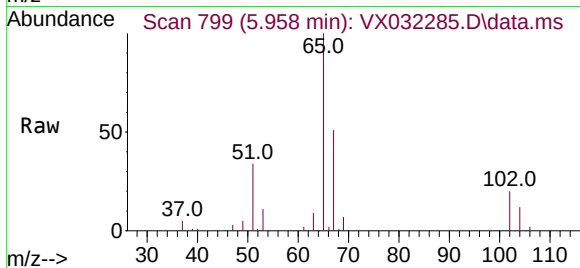
PZ-3R

Tgt Ion: 65 Resp: 91130

Ion Ratio Lower Upper

65 100

67 50.6 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032285.D

Acq: 21 Oct 2022 13:52

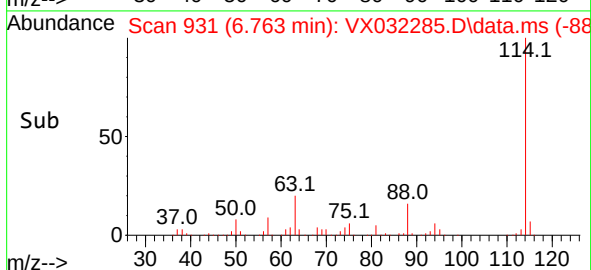
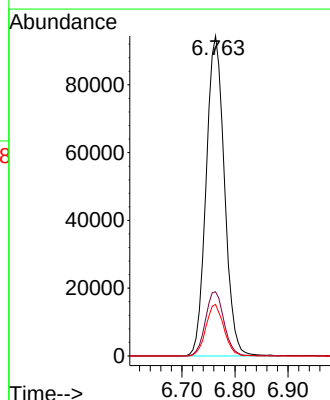
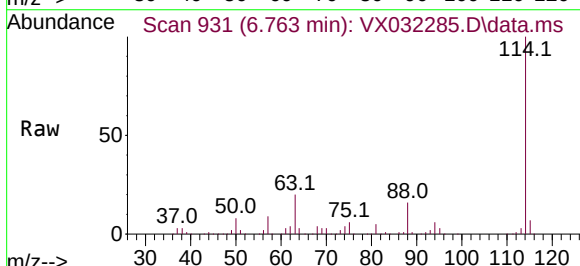
Tgt Ion: 114 Resp: 225889

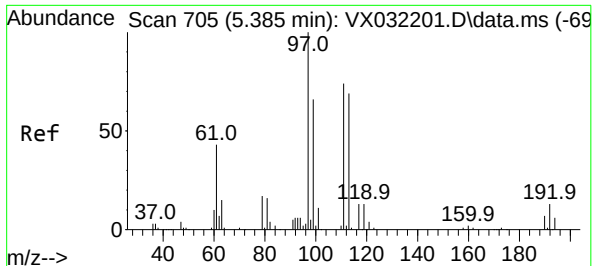
Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.6

88 16.1 0.0 32.6

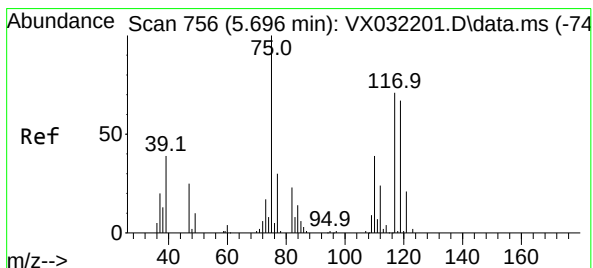
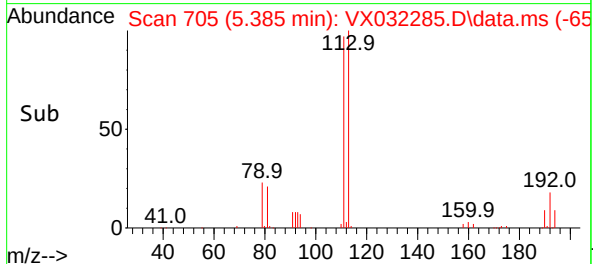
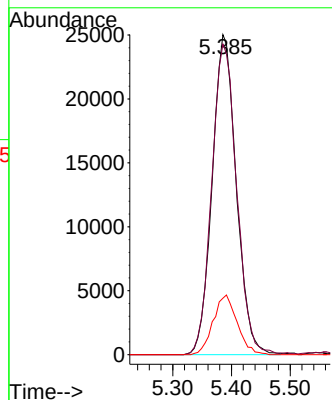
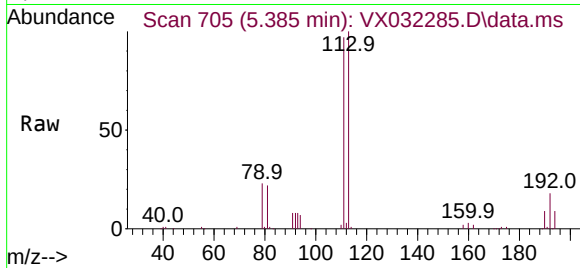




#35
Dibromofluoromethane
Concen: 45.405 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032285.D
Acq: 21 Oct 2022 13:52

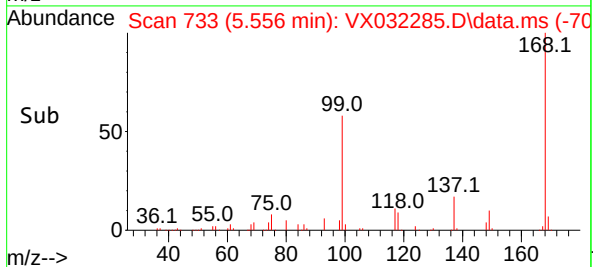
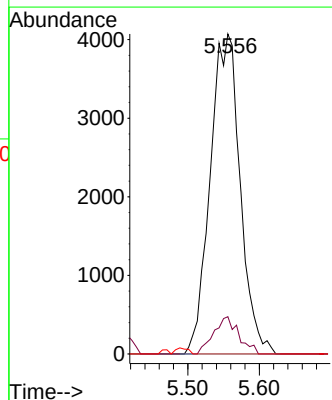
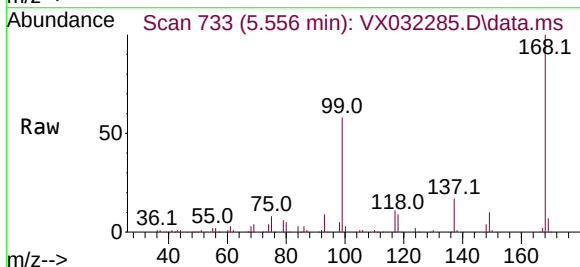
Instrument :
MSVOA_X
ClientSampleId :
PZ-3R

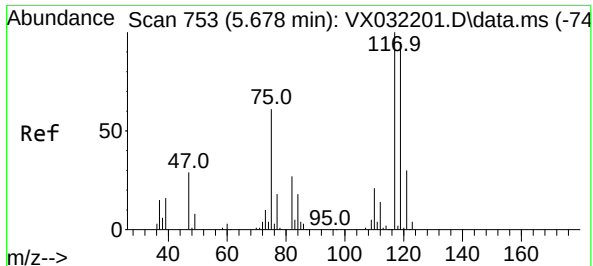
Tgt Ion:113 Resp: 71372
Ion Ratio Lower Upper
113 100
111 100.4 82.8 124.2
192 18.6 15.5 23.3



#36
1,1-Dichloropropene
Concen: 5.863 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX032285.D
Acq: 21 Oct 2022 13:52

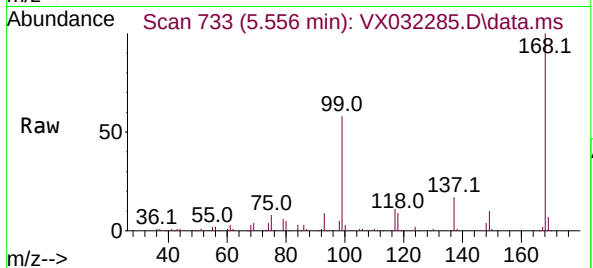
Tgt Ion: 75 Resp: 11854
Ion Ratio Lower Upper
75 100
110 9.7 18.4 55.0#
77 0.0 24.7 37.1#



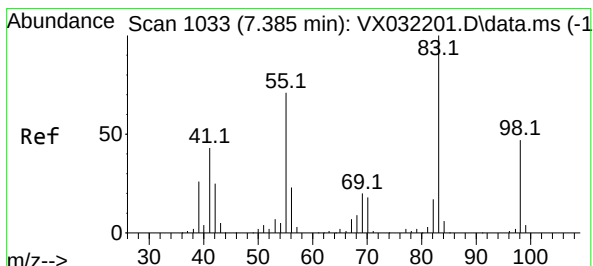
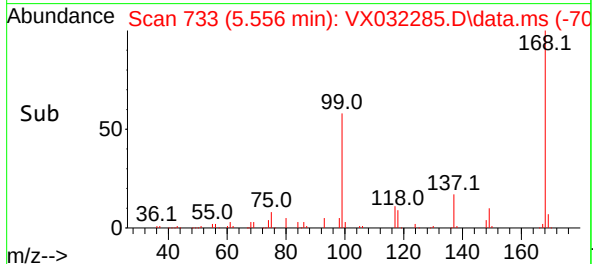
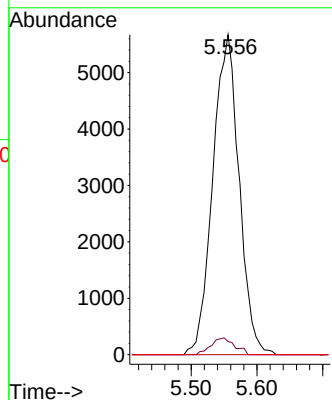


#38
Carbon Tetrachloride
Concen: 7.387 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX032285.D
Acq: 21 Oct 2022 13:52

Instrument :
MSVOA_X
ClientSampleId :
PZ-3R

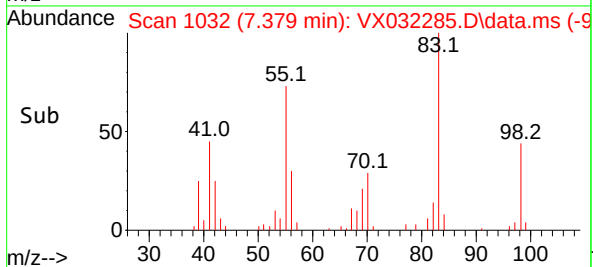
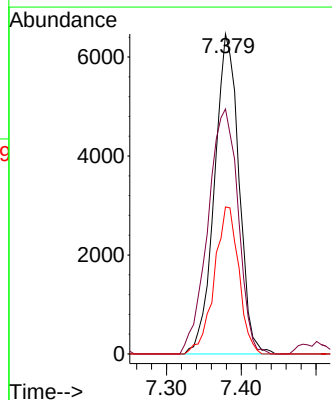
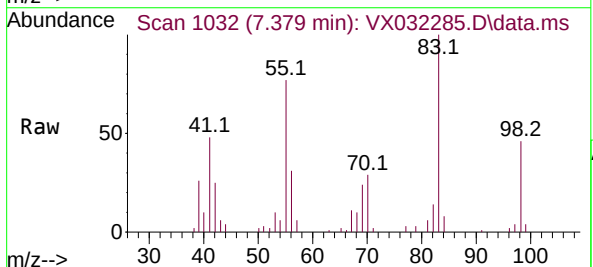


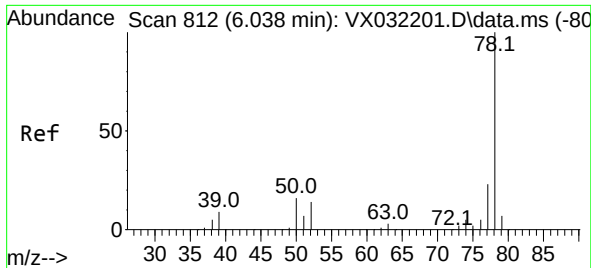
Tgt Ion:117 Resp: 15768
Ion Ratio Lower Upper
117 100
119 4.2 75.4 113.0#
121 0.0 23.9 35.9#



#39
Methylcyclohexane
Concen: 6.087 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX032285.D
Acq: 21 Oct 2022 13:52

Tgt Ion: 83 Resp: 14704
Ion Ratio Lower Upper
83 100
55 76.6 56.6 85.0
98 46.0 37.4 56.0

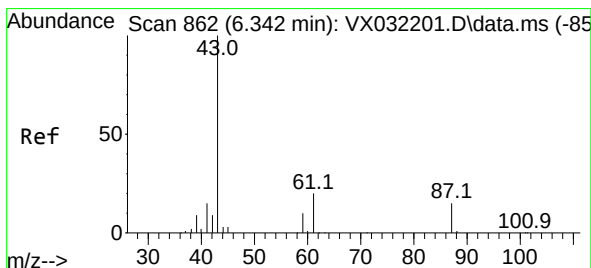
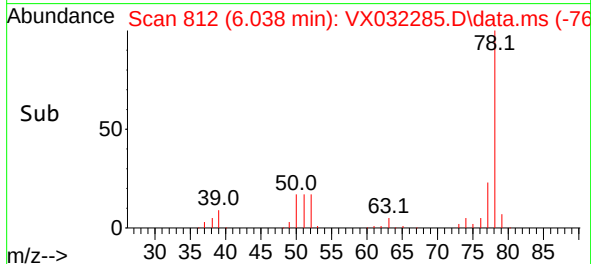
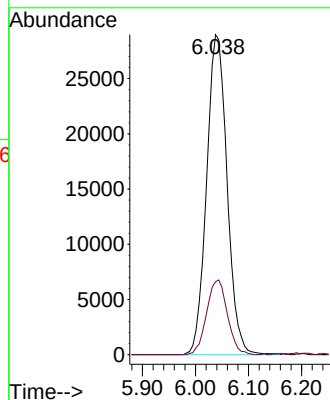
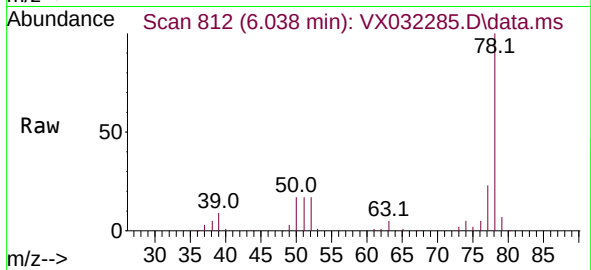




#40
Benzene
Concen: 13.271 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX032285.D
Acq: 21 Oct 2022 13:52

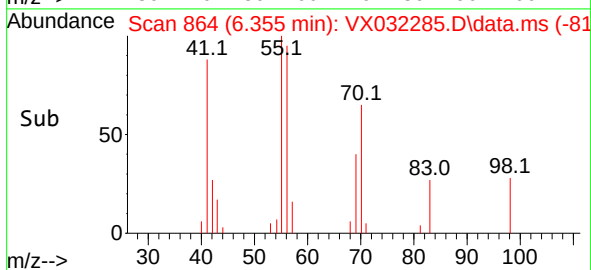
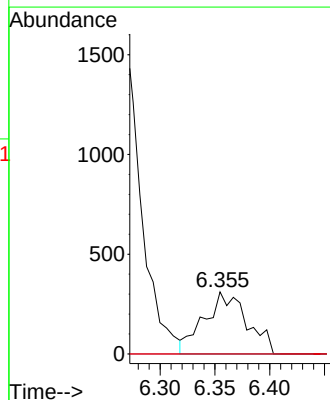
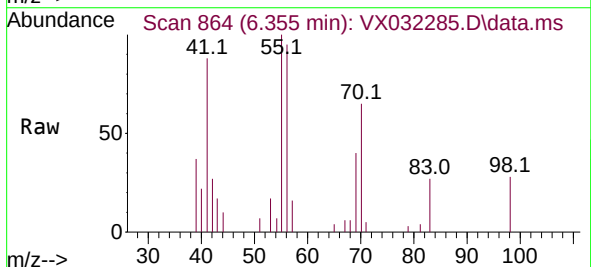
Instrument :
MSVOA_X
ClientSampleId :
PZ-3R

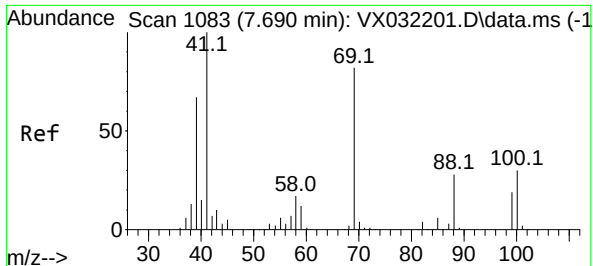
Tgt Ion: 78 Resp: 77773
Ion Ratio Lower Upper
78 100
77 22.8 18.6 27.8



#43
Isopropyl Acetate
Concen: 0.269 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.013 min
Lab File: VX032285.D
Acq: 21 Oct 2022 13:52

Tgt Ion: 43 Resp: 836
Ion Ratio Lower Upper
43 100
61 0.0 15.5 23.3#
87 0.0 11.0 16.6#





#48

Methyl methacrylate

Concen: 1.502 ug/l

RT: 7.653 min Scan# 1083

Delta R.T. -0.037 min

Lab File: VX032285.D

Acq: 21 Oct 2022 13:52

Instrument :

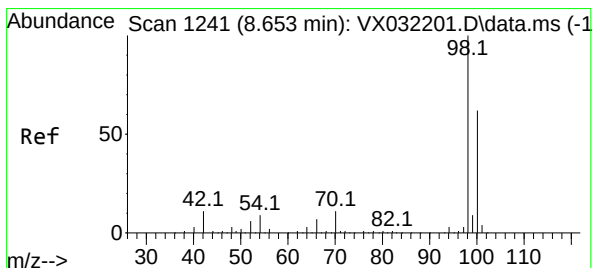
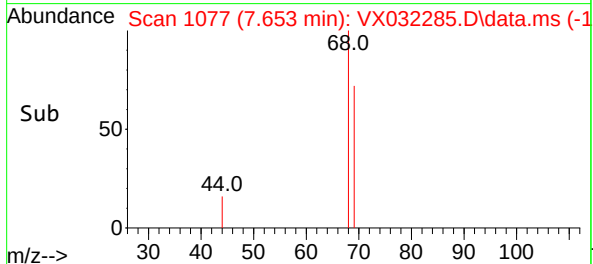
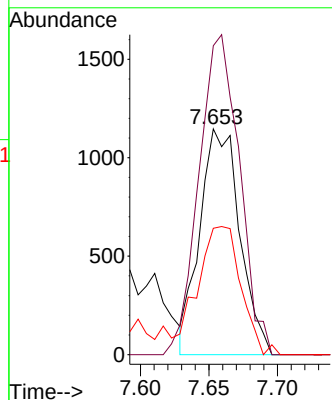
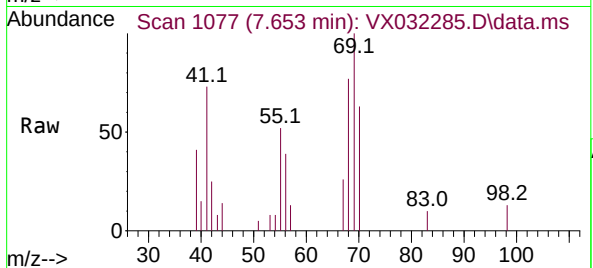
MSVOA_X

ClientSampleId :

PZ-3R

Tgt Ion: 41 Resp: 2327

Ion	Ratio	Lower	Upper
41	100		
69	143.7	67.3	100.9#
39	61.7	53.8	80.8



#50

Toluene-d8

Concen: 47.041 ug/l

RT: 8.647 min Scan# 1240

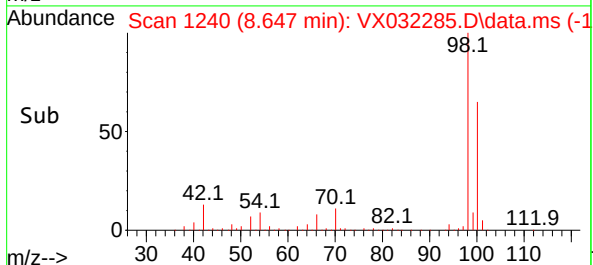
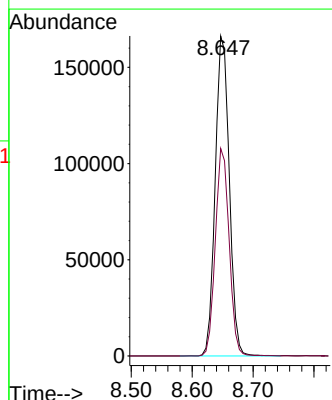
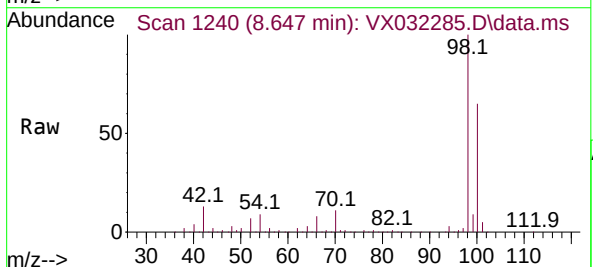
Delta R.T. -0.006 min

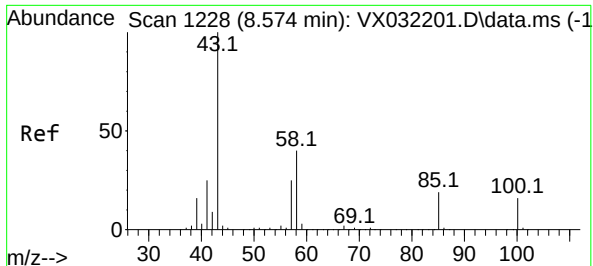
Lab File: VX032285.D

Acq: 21 Oct 2022 13:52

Tgt Ion: 98 Resp: 266175

Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 0.203 ug/l

RT: 8.574 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX032285.D

Acq: 21 Oct 2022 13:52

Instrument :

MSVOA_X

ClientSampleId :

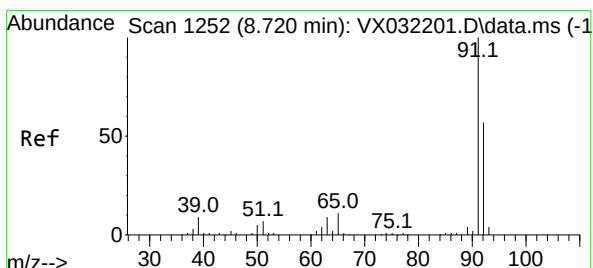
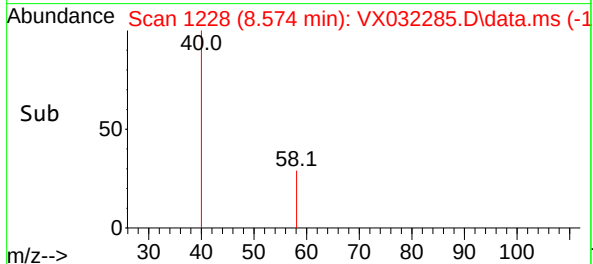
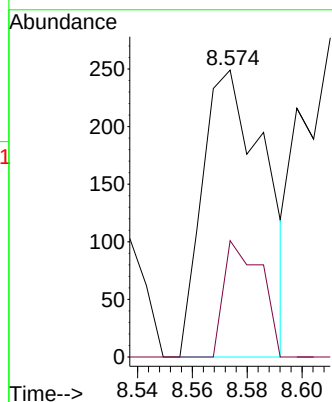
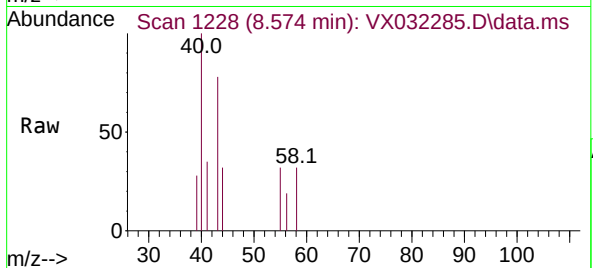
PZ-3R

Tgt Ion: 43 Resp: 395

Ion Ratio Lower Upper

43 100

58 24.1 31.0 46.4#



#52

Toluene

Concen: 1.927 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX032285.D

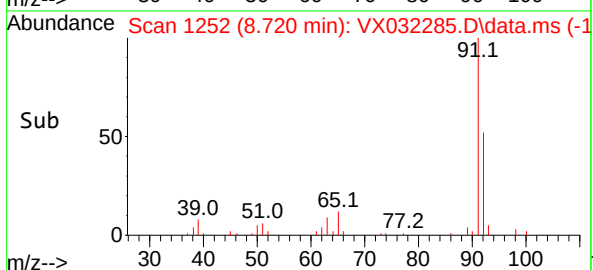
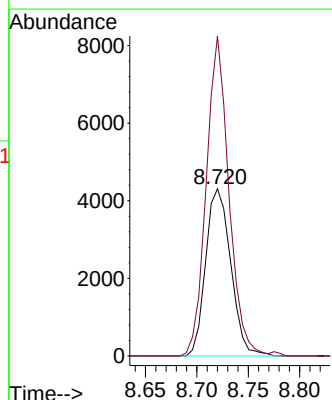
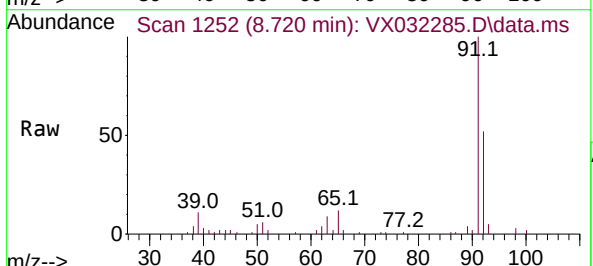
Acq: 21 Oct 2022 13:52

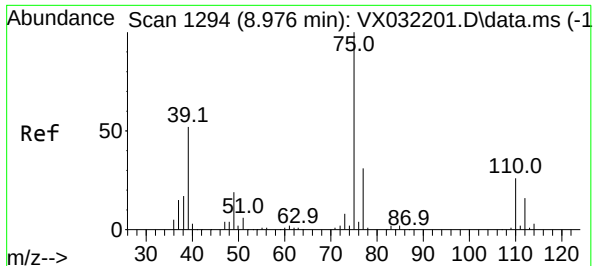
Tgt Ion: 92 Resp: 7314

Ion Ratio Lower Upper

92 100

91 173.8 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 1.837 ug/l

RT: 8.714 min Scan# 1315

Delta R.T. -0.262 min

Lab File: VX032285.D

Acq: 21 Oct 2022 13:52

Instrument :

MSVOA_X

ClientSampleId :

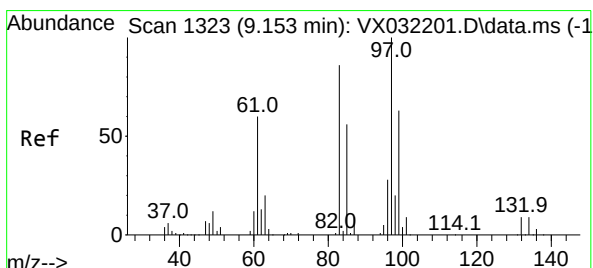
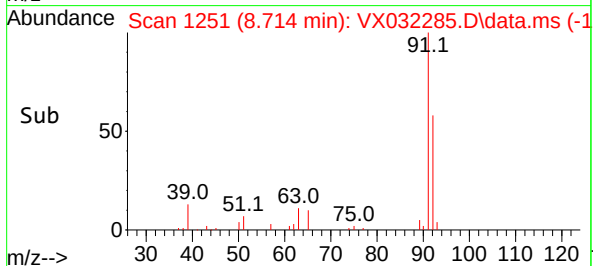
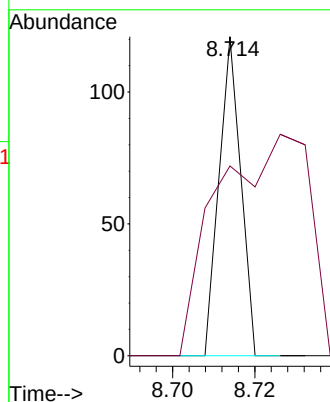
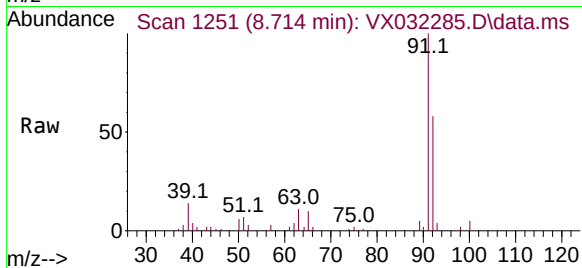
PZ-3R

Tgt Ion: 75 Resp: 44

Ion Ratio Lower Upper

75 100

77 59.5 25.2 37.8#



#55

1,1,2-Trichloroethane

Concen: 1.113 ug/l

RT: 9.104 min Scan# 1315

Delta R.T. -0.049 min

Lab File: VX032285.D

Acq: 21 Oct 2022 13:52

Tgt Ion: 97 Resp: 1717

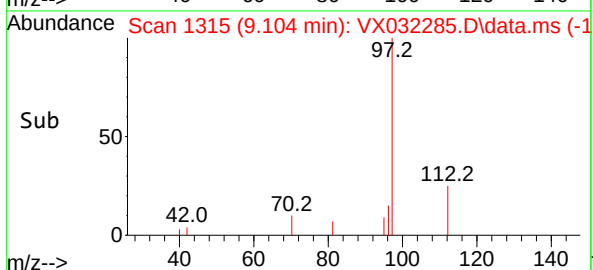
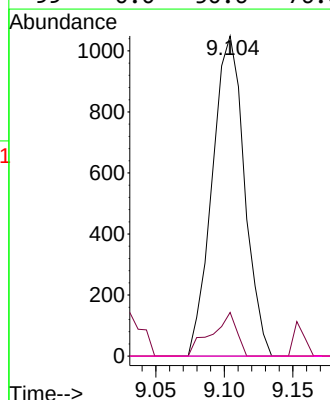
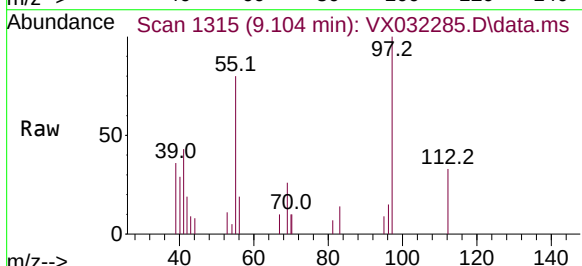
Ion Ratio Lower Upper

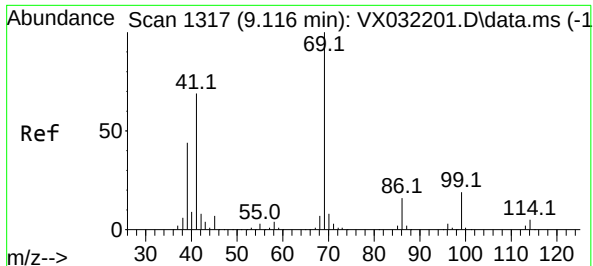
97 100

83 13.6 68.8 103.2#

85 0.0 44.7 67.1#

99 0.0 50.6 76.0#

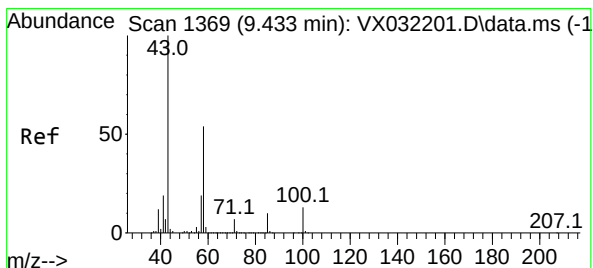
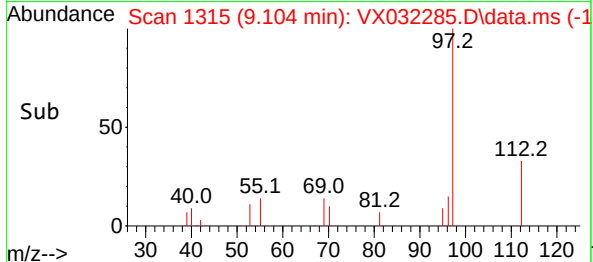
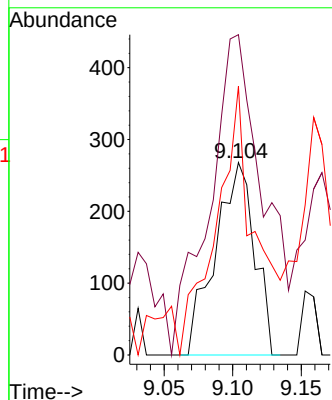
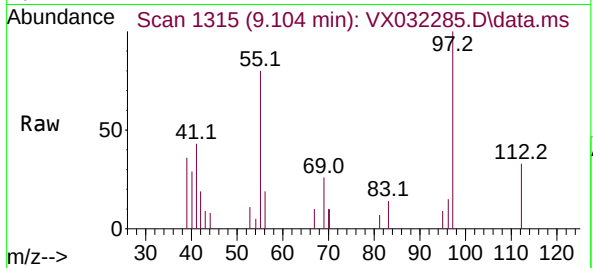




#56
Ethyl methacrylate
Concen: 0.241 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.012 min
Lab File: VX032285.D
Acq: 21 Oct 2022 13:52

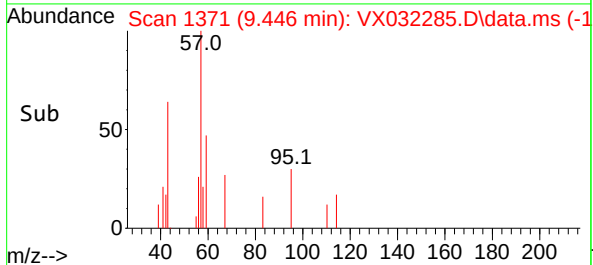
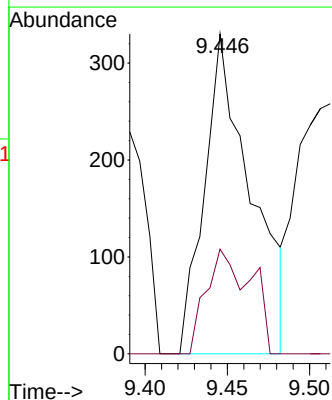
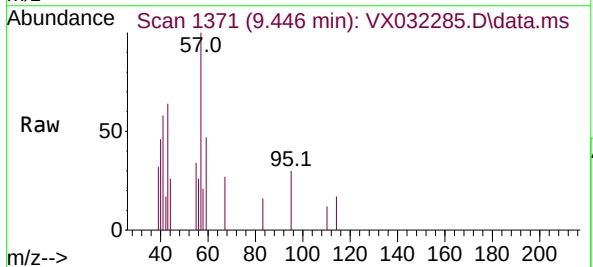
Instrument :
MSVOA_X
ClientSampleId :
PZ-3R

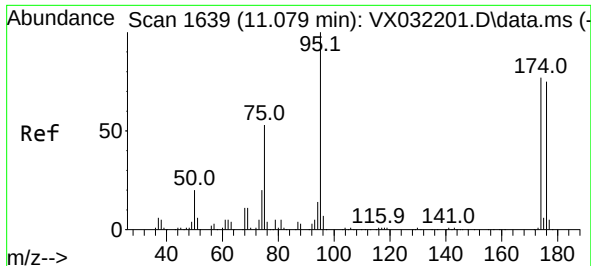
Tgt Ion: 69 Resp: 536
Ion Ratio Lower Upper
69 100
41 225.2 54.5 81.7#
39 137.7 35.7 53.5#



#59
2-Hexanone
Concen: 0.446 ug/l
RT: 9.446 min Scan# 1371
Delta R.T. 0.013 min
Lab File: VX032285.D
Acq: 21 Oct 2022 13:52

Tgt Ion: 43 Resp: 648
Ion Ratio Lower Upper
43 100
58 31.5 26.7 80.1

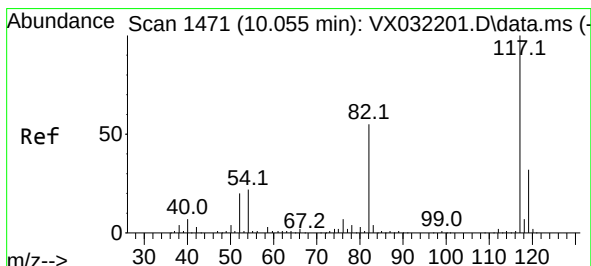
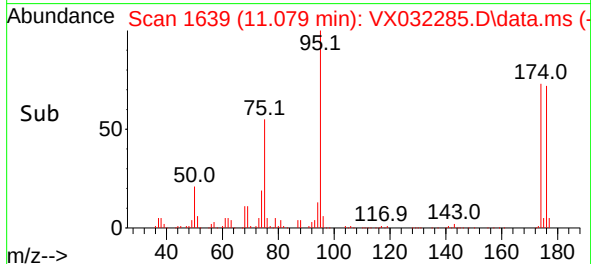
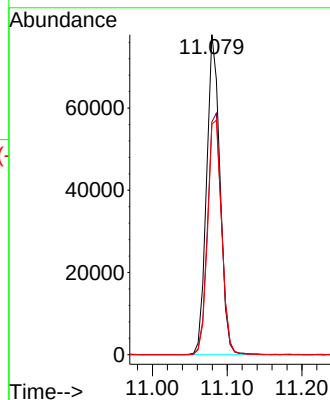
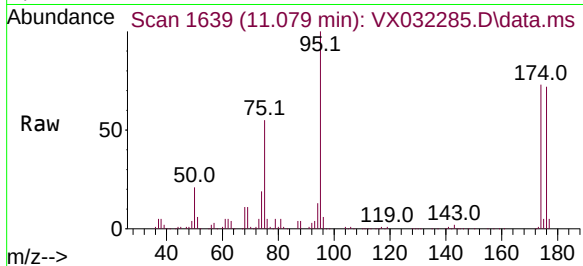




#62
4-Bromofluorobenzene
Concen: 46.800 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032285.D
Acq: 21 Oct 2022 13:52

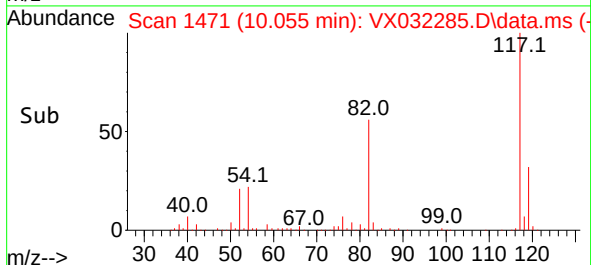
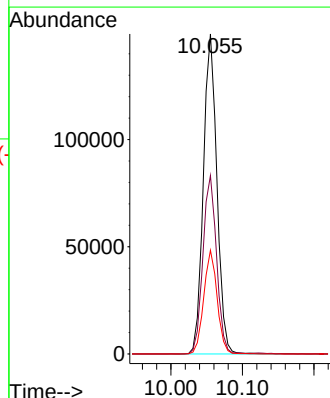
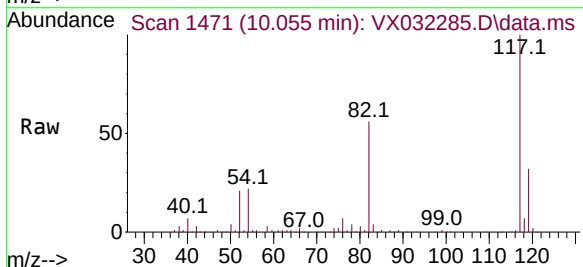
Instrument :
MSVOA_X
ClientSampleId :
PZ-3R

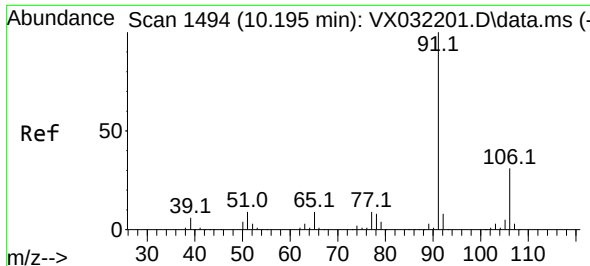
Tgt Ion: 95 Resp: 96969
Ion Ratio Lower Upper
95 100
174 78.2 0.0 166.8
176 76.5 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032285.D
Acq: 21 Oct 2022 13:52

Tgt Ion: 117 Resp: 196437
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.4
119 32.4 25.8 38.8





#67

Ethyl Benzene

Concen: 88.269 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX032285.D

Acq: 21 Oct 2022 13:52

Instrument :

MSVOA_X

ClientSampleId :

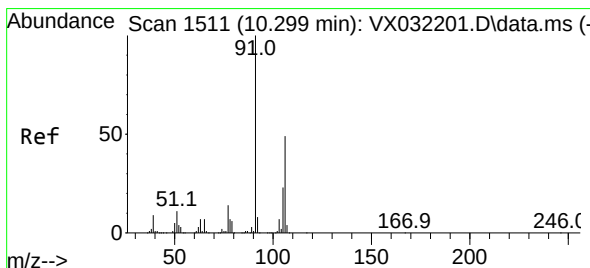
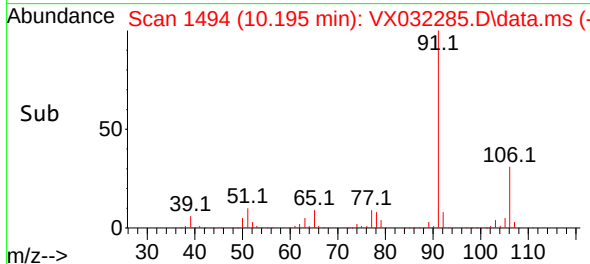
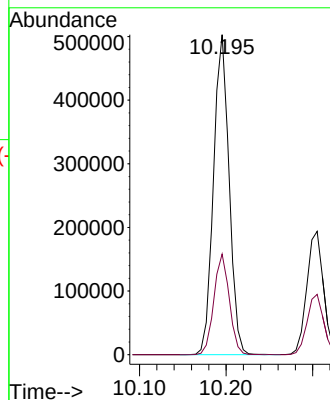
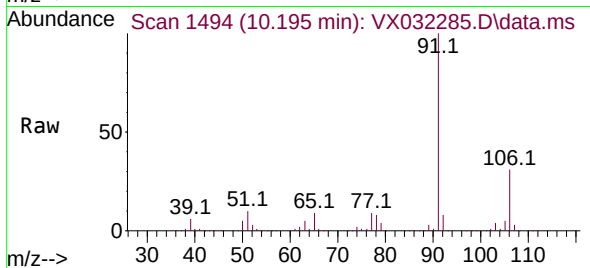
PZ-3R

Tgt Ion: 91 Resp: 629404

Ion Ratio Lower Upper

91 100

106 31.4 25.0 37.4



#68

m/p-Xylenes

Concen: 44.873 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX032285.D

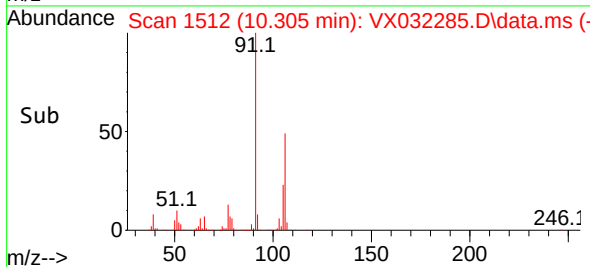
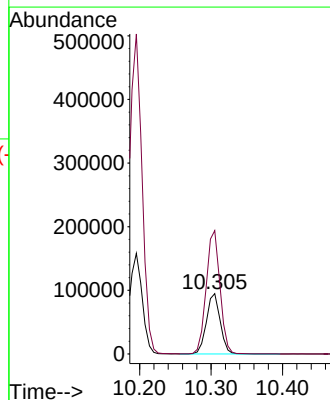
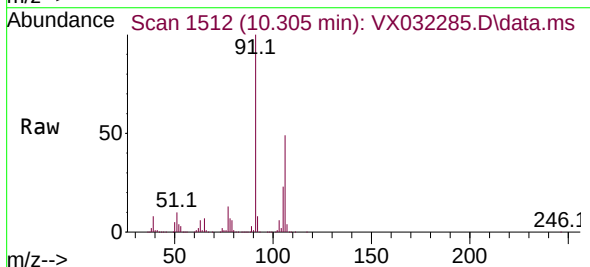
Acq: 21 Oct 2022 13:52

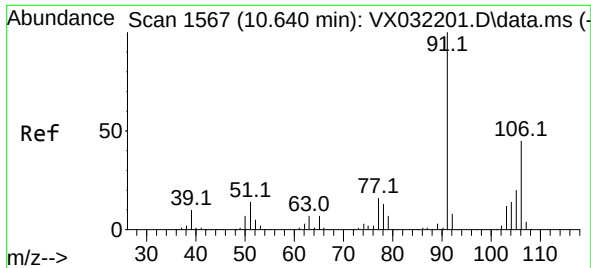
Tgt Ion: 106 Resp: 126361

Ion Ratio Lower Upper

106 100

91 205.6 162.6 244.0

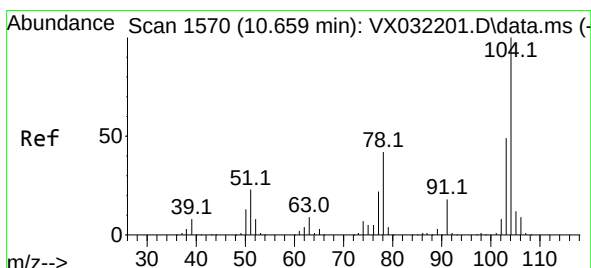
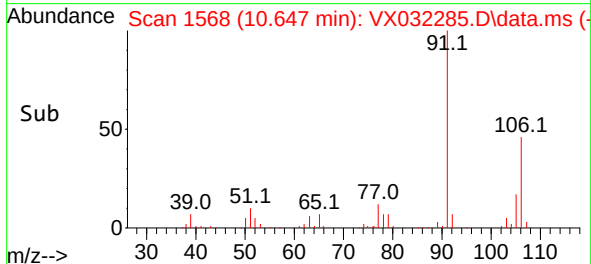
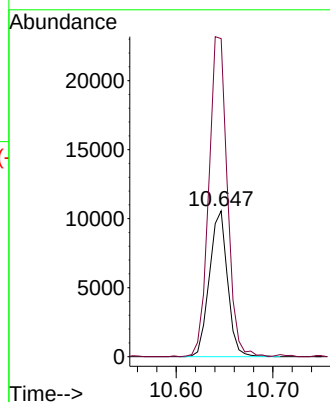
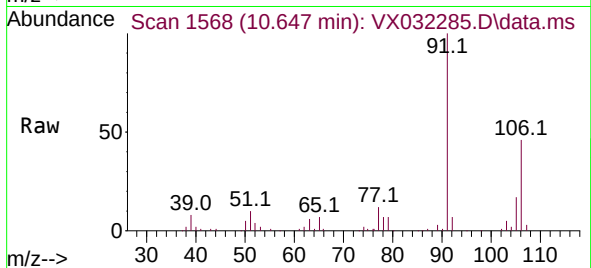




#69
o-Xylene
Concen: 5.093 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.007 min
Lab File: VX032285.D
Acq: 21 Oct 2022 13:52

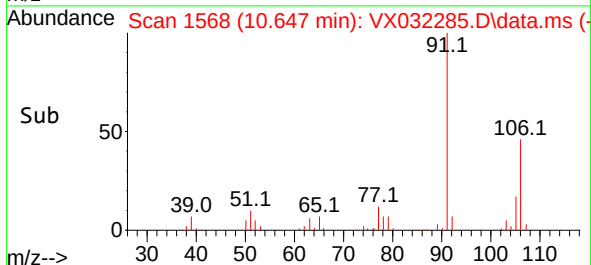
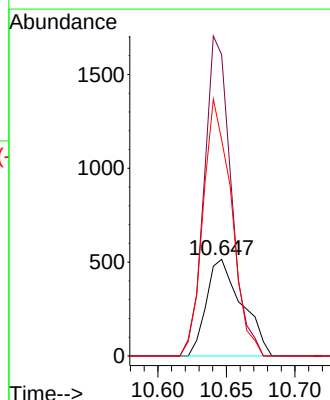
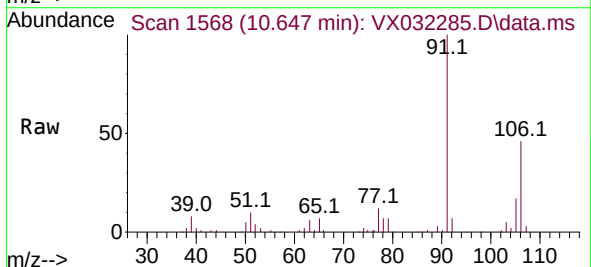
Instrument :
MSVOA_X
ClientSampleId :
PZ-3R

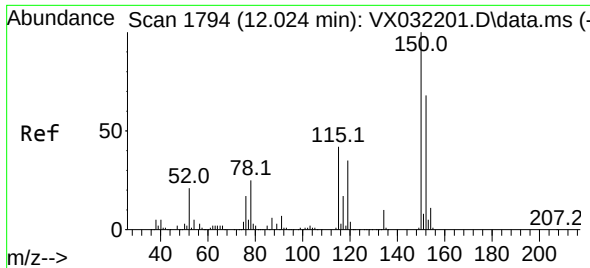
Tgt Ion:106 Resp: 13738
Ion Ratio Lower Upper
106 100
91 224.8 108.3 324.9



#70
Styrene
Concen: 0.205 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. -0.012 min
Lab File: VX032285.D
Acq: 21 Oct 2022 13:52

Tgt Ion:104 Resp: 931
Ion Ratio Lower Upper
104 100
78 249.6 40.8 61.2#
103 211.1 44.2 66.2#

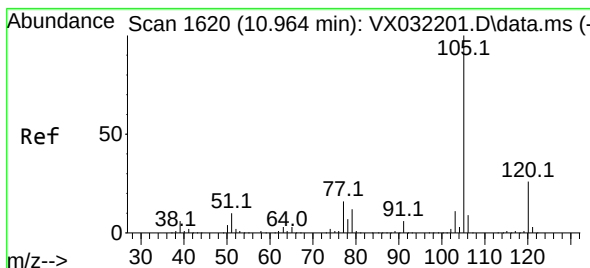
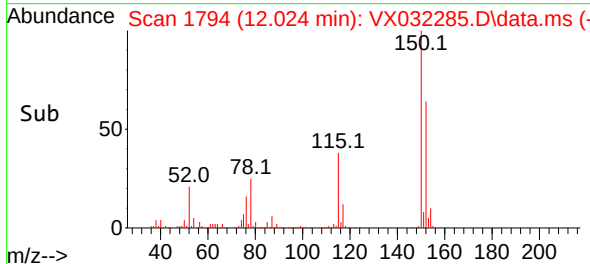
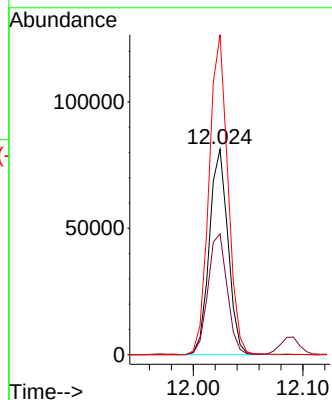
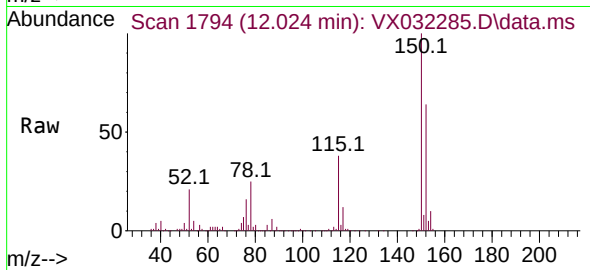




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032285.D
Acq: 21 Oct 2022 13:52

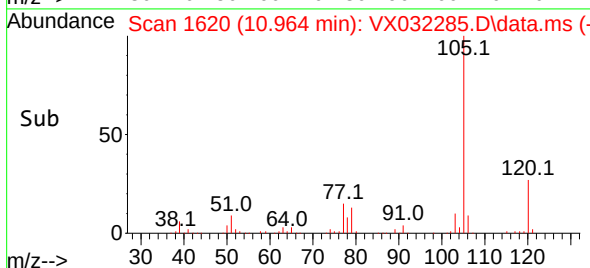
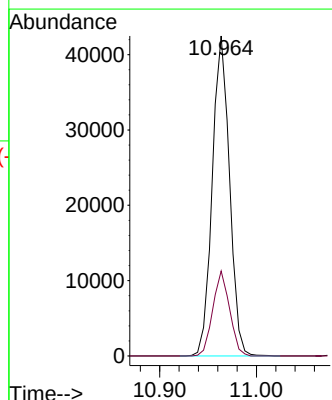
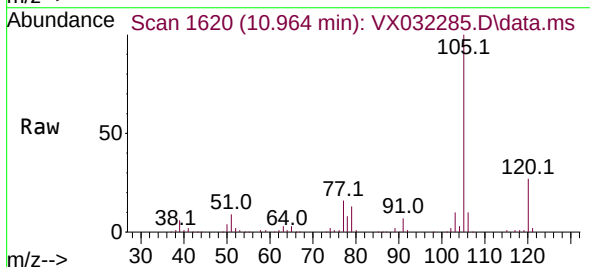
Instrument :
MSVOA_X
ClientSampleId :
PZ-3R

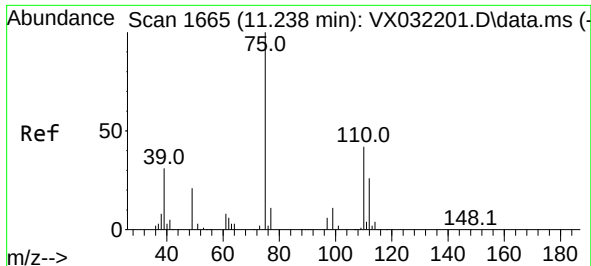
Tgt Ion:152 Resp: 95964
Ion Ratio Lower Upper
152 100
115 60.7 43.1 129.4
150 157.4 0.0 348.6



#73
Isopropylbenzene
Concen: 7.687 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX032285.D
Acq: 21 Oct 2022 13:52

Tgt Ion:105 Resp: 52638
Ion Ratio Lower Upper
105 100
120 25.8 13.2 39.6

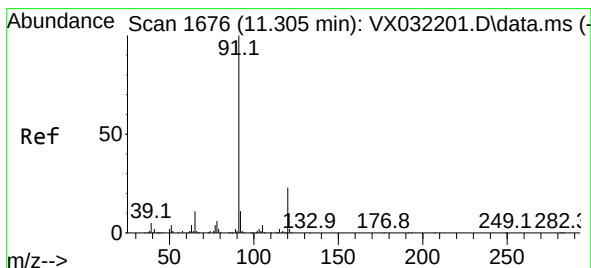
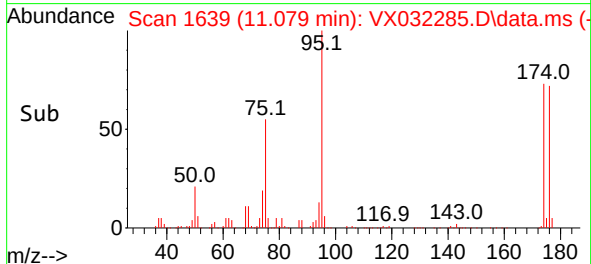
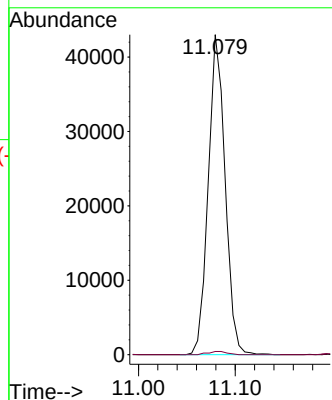
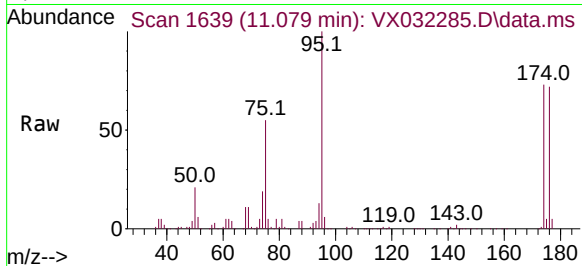




#76
1,2,3-Trichloropropane
Concen: 27.463 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032285.D
Acq: 21 Oct 2022 13:52

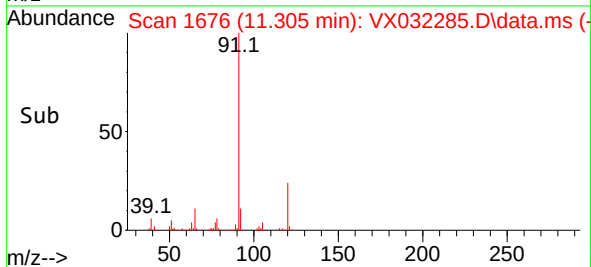
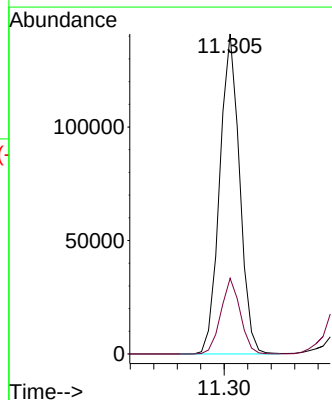
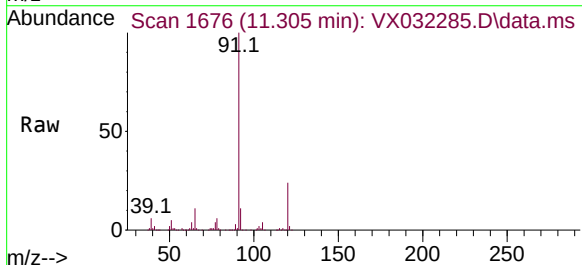
Instrument :
MSVOA_X
ClientSampleId :
PZ-3R

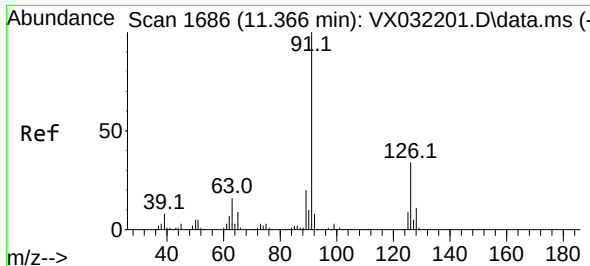
Tgt Ion: 75 Resp: 52219
Ion Ratio Lower Upper
75 100
77 0.0 16.0 47.9#



#78
n-propylbenzene
Concen: 21.168 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032285.D
Acq: 21 Oct 2022 13:52

Tgt Ion: 91 Resp: 165970
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.8

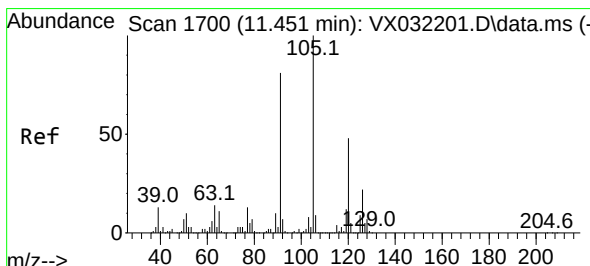
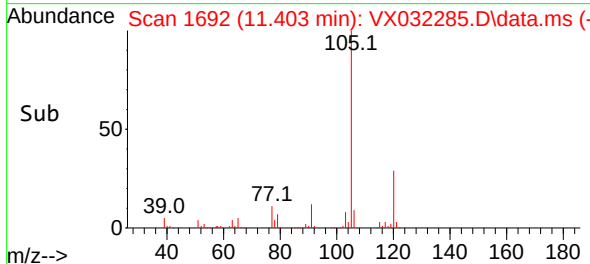
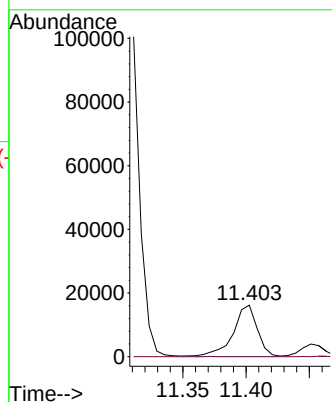
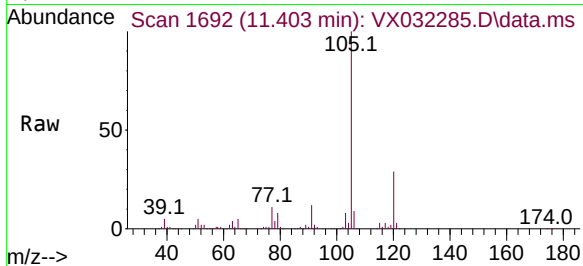




#79
2-Chlorotoluene
Concen: 4.603 ug/l
RT: 11.403 min Scan# 11
Delta R.T. 0.037 min
Lab File: VX032285.D
Acq: 21 Oct 2022 13:52

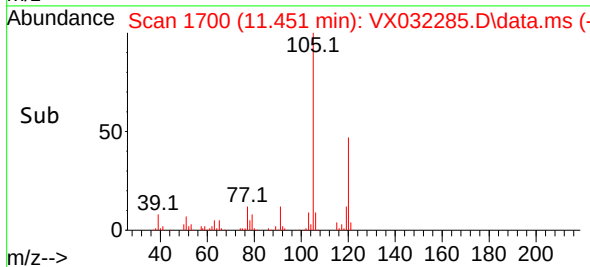
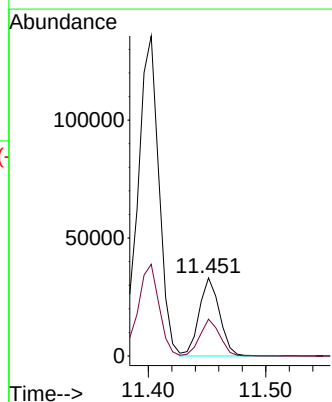
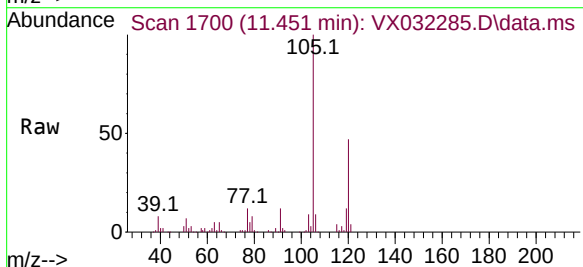
Instrument :
MSVOA_X
ClientSampleId :
PZ-3R

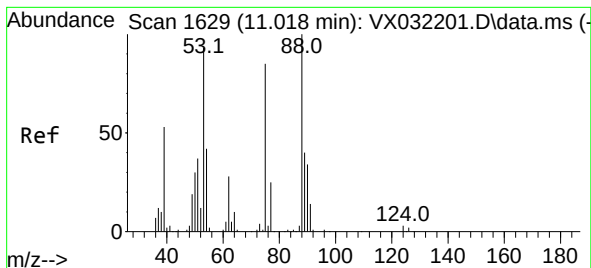
Tgt Ion: 91 Resp: 21752
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#



#80
1,3,5-Trimethylbenzene
Concen: 6.743 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032285.D
Acq: 21 Oct 2022 13:52

Tgt Ion: 105 Resp: 39883
Ion Ratio Lower Upper
105 100
120 45.9 23.5 70.6

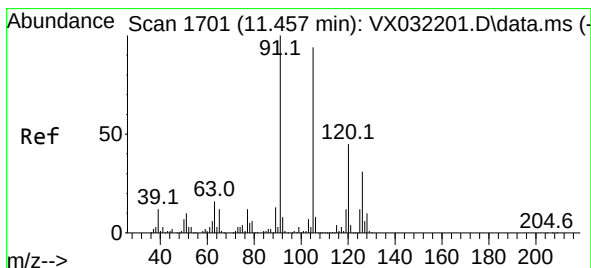
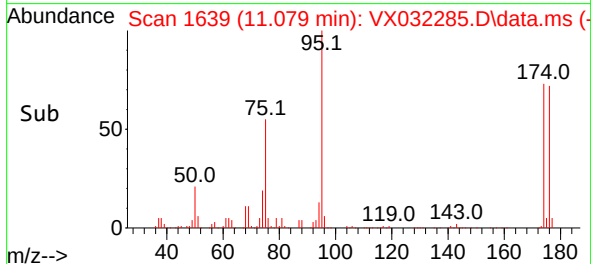
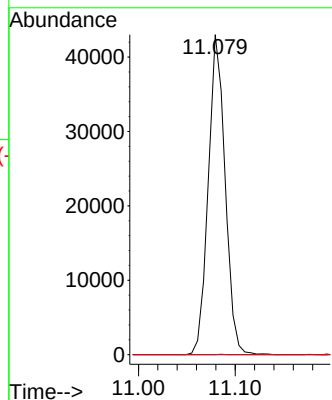
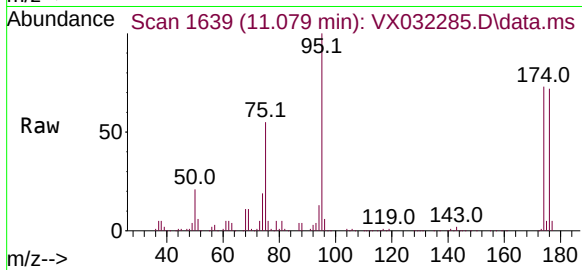




#81
trans-1,4-Dichloro-2-butene
Concen: 84.276 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX032285.D
Acq: 21 Oct 2022 13:52

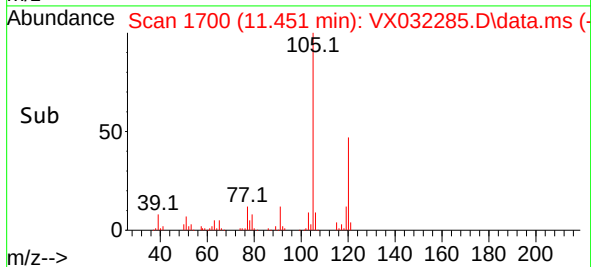
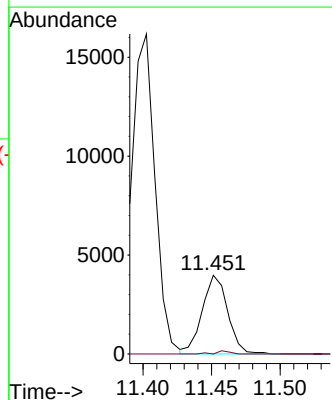
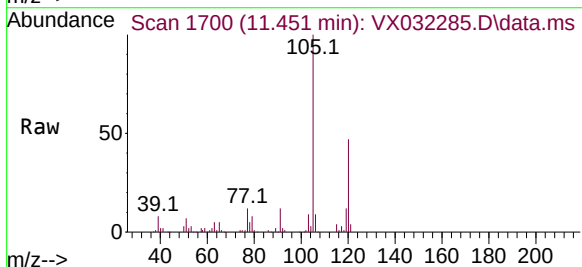
Instrument :
MSVOA_X
ClientSampleId :
PZ-3R

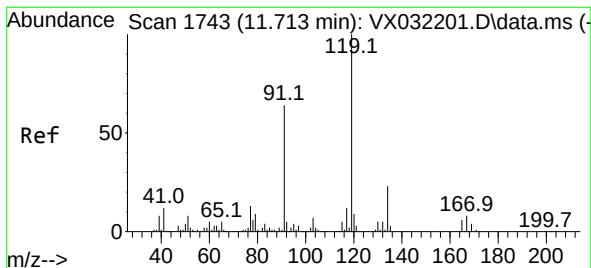
Tgt Ion: 75 Resp: 52219
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.0 37.8 56.8#



#82
4-Chlorotoluene
Concen: 0.937 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX032285.D
Acq: 21 Oct 2022 13:52

Tgt Ion: 91 Resp: 5153
Ion Ratio Lower Upper
91 100
126 2.2 14.9 44.5#





#83

tert-Butylbenzene

Concen: 12.811 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.043 min

Lab File: VX032285.D

Acq: 21 Oct 2022 13:52

Instrument :

MSVOA_X

ClientSampleId :

PZ-3R

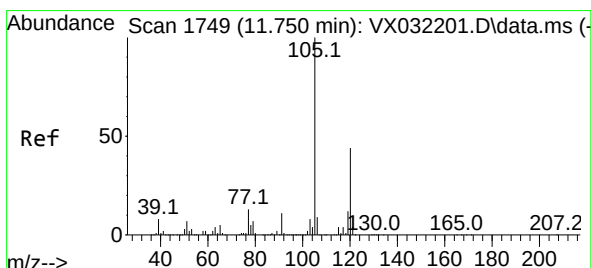
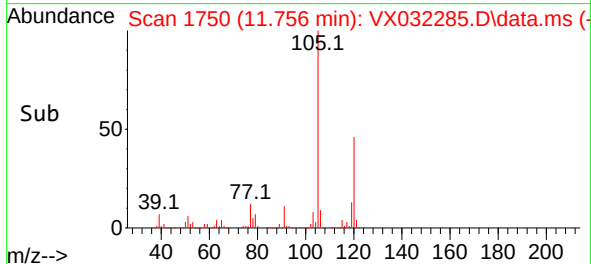
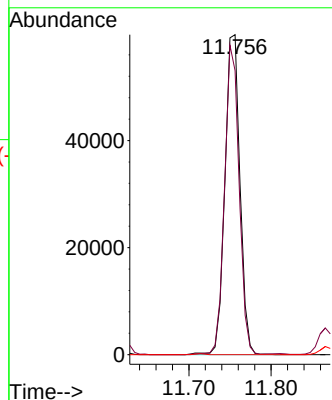
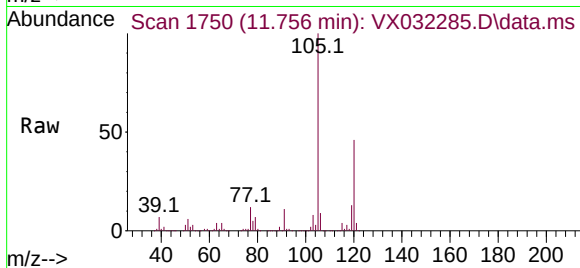
Tgt Ion:119 Resp: 75812

Ion Ratio Lower Upper

119 100

91 93.7 29.1 87.3#

134 0.0 11.3 33.8#



#84

1,2,4-Trimethylbenzene

Concen: 108.633 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX032285.D

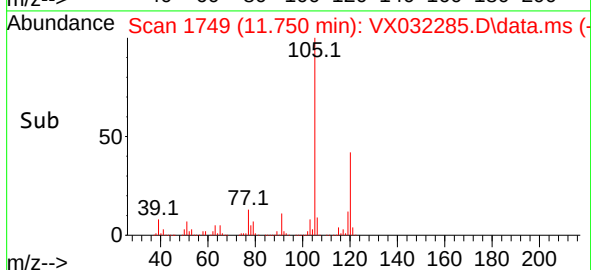
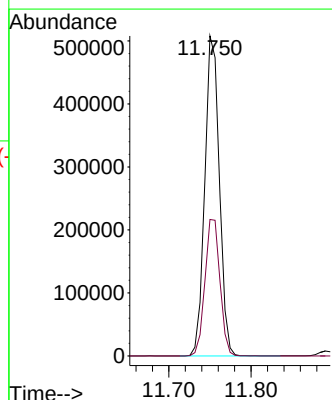
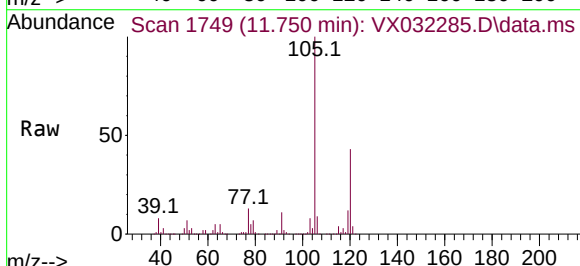
Acq: 21 Oct 2022 13:52

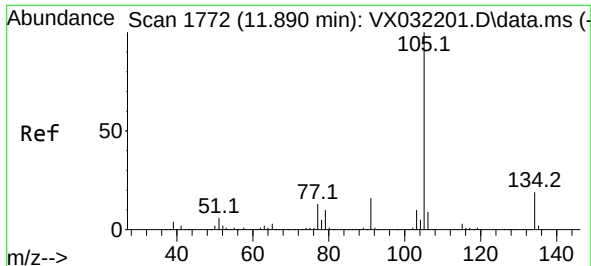
Tgt Ion:105 Resp: 624677

Ion Ratio Lower Upper

105 100

120 44.1 22.1 66.1

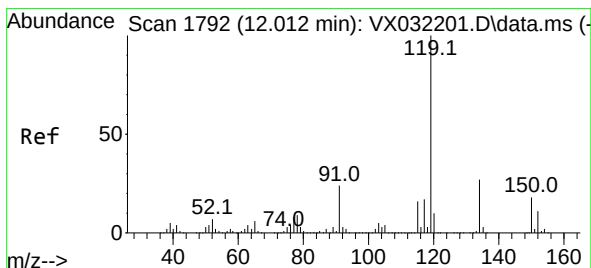
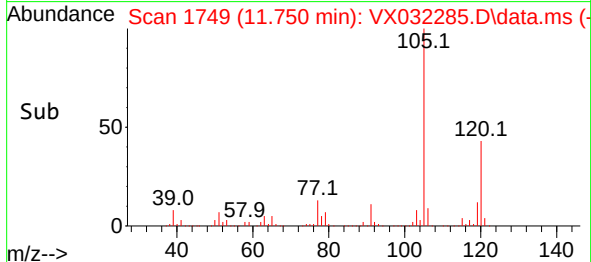
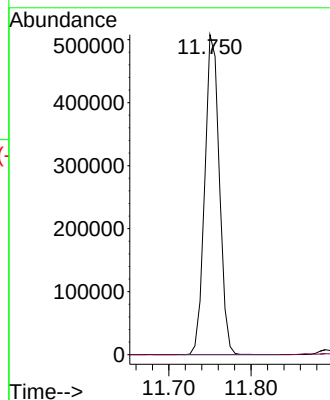
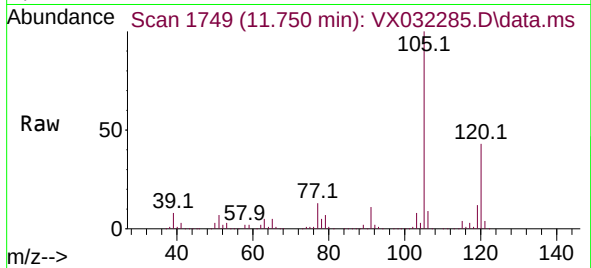




#85
 sec-Butylbenzene
 Concen: 87.347 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.140 min
 Lab File: VX032285.D
 Acq: 21 Oct 2022 13:52

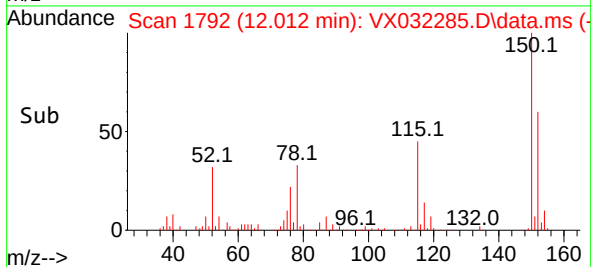
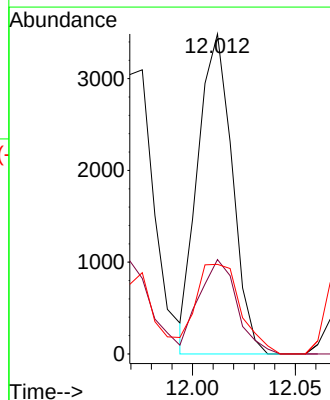
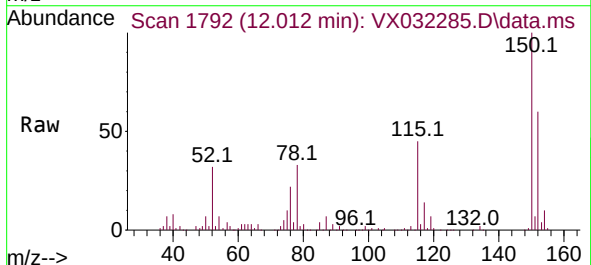
Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-3R

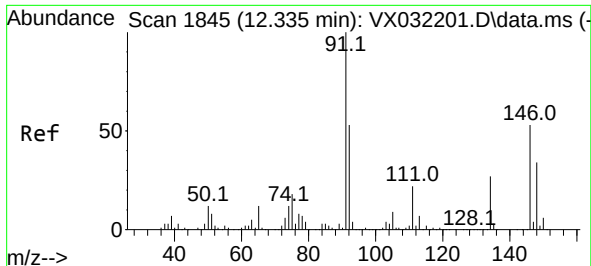
Tgt Ion:105 Resp: 624677
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.3#



#86
 p-Isopropyltoluene
 Concen: 0.666 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032285.D
 Acq: 21 Oct 2022 13:52

Tgt Ion:119 Resp: 4053
 Ion Ratio Lower Upper
 119 100
 134 32.7 13.2 39.5
 91 0.0 12.4 37.2#





#89

n-Butylbenzene

Concen: 3.537 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX032285.D

Acq: 21 Oct 2022 13:52

Instrument :

MSVOA_X

ClientSampleId :

PZ-3R

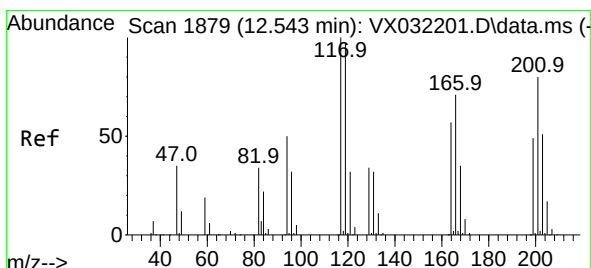
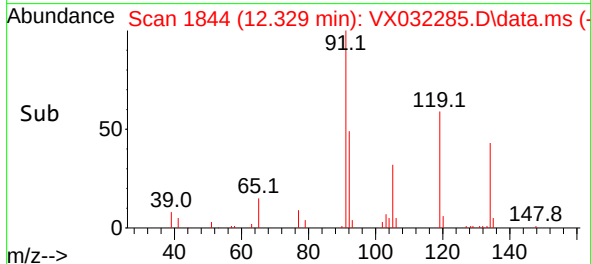
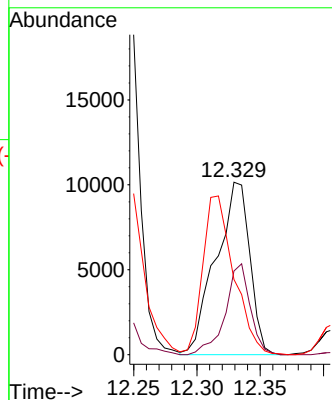
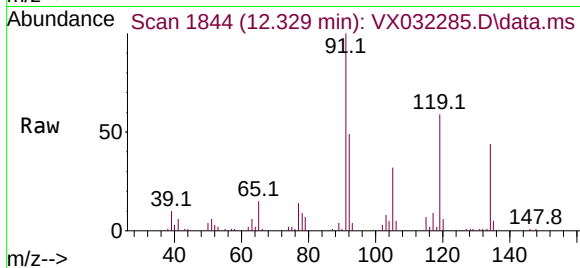
Tgt Ion: 91 Resp: 18959

Ion Ratio Lower Upper

91 100

92 38.6 26.3 78.9

134 84.1 13.0 39.0#



#90

Hexachloroethane

Concen: 4.754 ug/l

RT: 12.530 min Scan# 1877

Delta R.T. -0.013 min

Lab File: VX032285.D

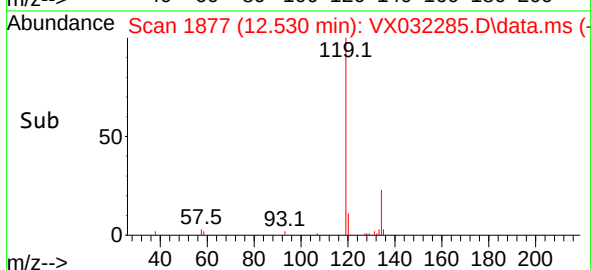
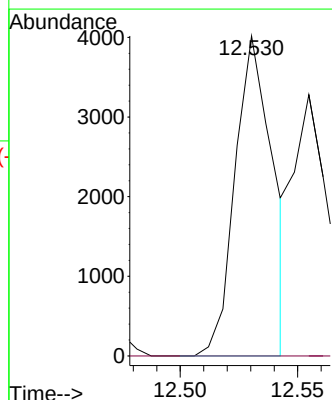
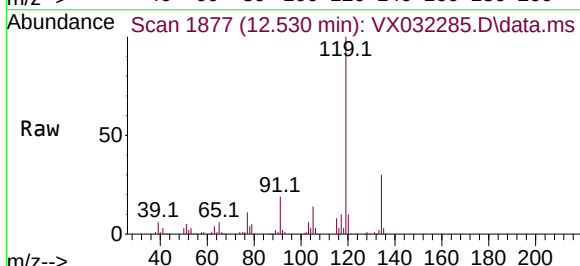
Acq: 21 Oct 2022 13:52

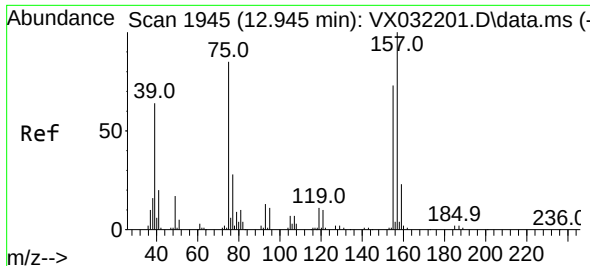
Tgt Ion: 117 Resp: 4489

Ion Ratio Lower Upper

117 100

201 0.0 38.5 115.3#

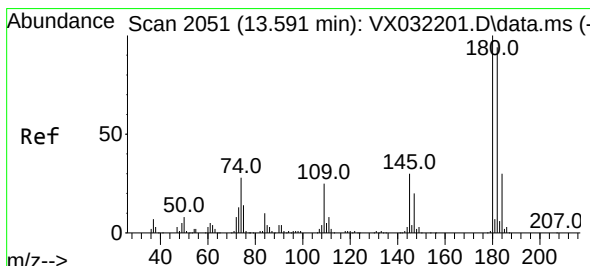
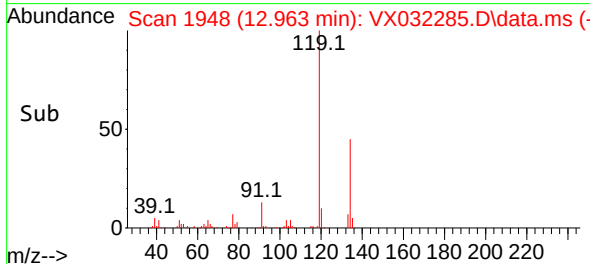
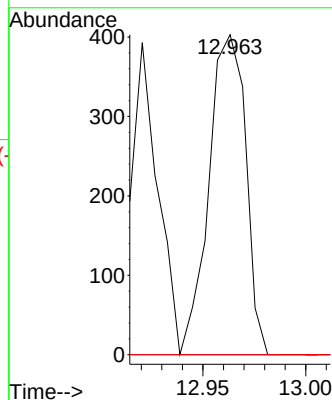
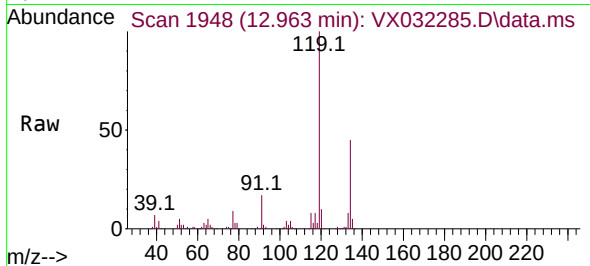




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.196 ug/l
 RT: 12.963 min Scan# 1948
 Delta R.T. 0.018 min
 Lab File: VX032285.D
 Acq: 21 Oct 2022 13:52

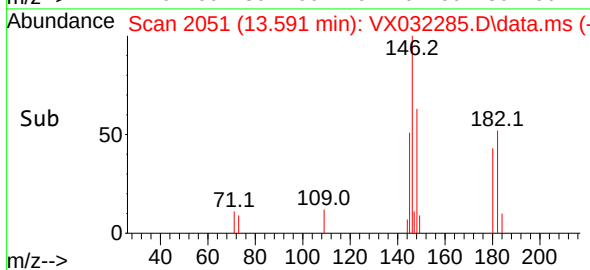
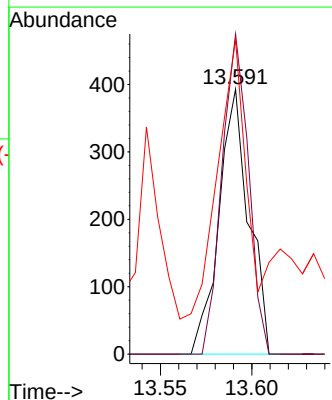
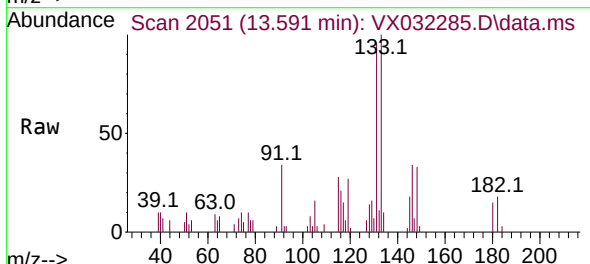
Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-3R

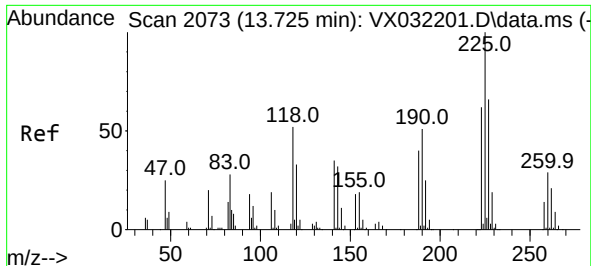
Tgt Ion: 75 Resp: 503
 Ion Ratio Lower Upper
 75 100
 155 0.0 43.1 129.3#
 157 0.0 57.1 171.5#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.217 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX032285.D
 Acq: 21 Oct 2022 13:52

Tgt Ion: 180 Resp: 448
 Ion Ratio Lower Upper
 180 100
 182 107.1 46.8 140.3
 145 104.0 15.6 46.7#

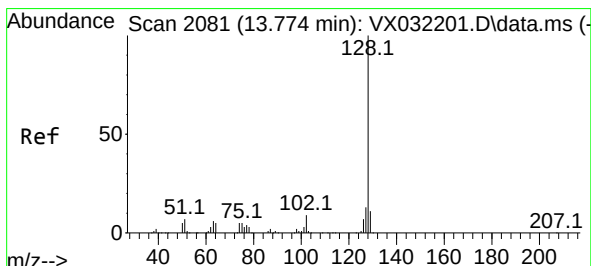
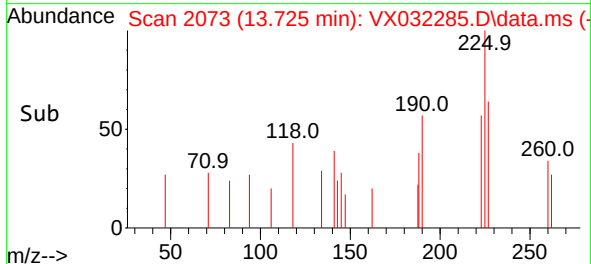
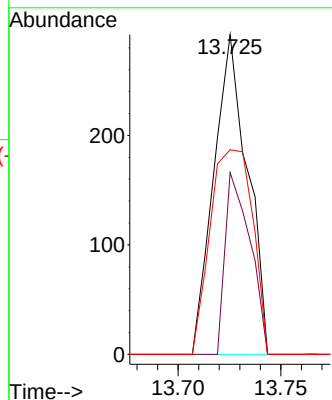
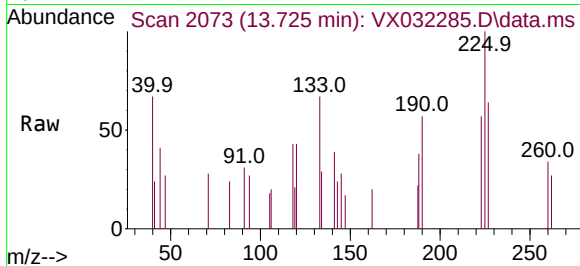




#94
Hexachlorobutadiene
Concen: 0.371 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032285.D
Acq: 21 Oct 2022 13:52

Instrument :
MSVOA_X
ClientSampleId :
PZ-3R

Tgt Ion:225 Resp: 332
Ion Ratio Lower Upper
225 100
223 42.2 31.4 94.3
227 80.7 32.0 96.0



#95
Naphthalene
Concen: 23.831 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX032285.D
Acq: 21 Oct 2022 13:52

Tgt Ion:128 Resp: 157581
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.7 13.1

