

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080122\
 Data File : VX030317.D
 Acq On : 01 Aug 2022 13:06
 Operator : JC/MD
 Sample : N3773-16ME
 Misc : 5.73g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DL-3(5-5.5)ME

Quant Time: Aug 02 01:50:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	171544	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	294837	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	298334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178176	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	185362	53.760	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.520%	
35) Dibromofluoromethane	5.391	113	147579	52.361	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.720%	
50) Toluene-d8	8.653	98	585879	53.676	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.360%	
62) 4-Bromofluorobenzene	11.085	95	205409	50.708	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.420%	

Target Compounds				Qvalue		
3) Chloromethane	1.288	50	888	0.319	ug/l	93
5) Bromomethane	1.593	94	702	Below Cal	#	29
6) Chloroethane	1.660	64	332	0.206	ug/l #	48
10) Methyl Iodide	2.435	142	1903	2.215	ug/l #	90
11) Tert butyl alcohol	2.953	59	20016	23.799	ug/l #	74
13) Acrolein	2.197	56	70	0.339	ug/l #	14
14) Allyl chloride	2.745	41	13061	2.362	ug/l #	72
15) Acrylonitrile	3.069	53	3613	1.738	ug/l #	48
17) Carbon Disulfide	2.483	76	1551	0.214	ug/l #	80
18) Methyl Acetate	2.745	43	34985	6.700	ug/l #	51
20) Methylene Chloride	2.776	84	4185	Below Cal	#	81
25) 2-Butanone	4.611	43	32311	10.892	ug/l	94
29) Tetrahydrofuran	5.050	42	3059	1.533	ug/l #	57
31) Cyclohexane	5.489	56	65064	12.997	ug/l #	47
36) 1,1-Dichloropropene	5.544	75	14332	3.533	ug/l #	48
37) Ethyl Acetate	4.611	43	32311	5.625	ug/l #	68
38) Carbon Tetrachloride	5.550	117	17138	4.526	ug/l #	16
39) Methylcyclohexane	7.373	83	89711	17.135	ug/l	89
40) Benzene	6.038	78	7684	0.602	ug/l	95
41) Methacrylonitrile	4.928	41	1408	0.457	ug/l #	29
43) Isopropyl Acetate	6.367	43	7630	0.906	ug/l #	60
44) Trichloroethene	7.129	130	944	0.271	ug/l	72
45) 1,2-Dichloropropane	7.367	63	1154	0.339	ug/l #	1
48) Methyl methacrylate	7.653	41	12391	2.990	ug/l #	52
51) 4-Methyl-2-Pentanone	8.616	43	30038	5.255	ug/l #	71
52) Toluene	8.726	92	1767	0.227	ug/l	96
55) 1,1,2-Trichloroethane	9.098	97	21845	6.590	ug/l #	20
56) Ethyl methacrylate	9.104	69	6989	1.334	ug/l #	1
59) 2-Hexanone	9.384	43	24522	5.437	ug/l #	28
67) Ethyl Benzene	10.195	91	186703	15.511	ug/l	98
68) m/p-Xylenes	10.305	106	89869	16.370	ug/l	99
69) o-Xylene	10.646	106	7654	1.415	ug/l	93
73) Isopropylbenzene	10.963	105	42708	3.070	ug/l	98
74) N-amyl acetate	10.860	43	10248	1.516	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.195	83	4351	0.855	ug/l #	93
76) 1,2,3-Trichloropropane	11.085	75	100386	21.374	ug/l #	38

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

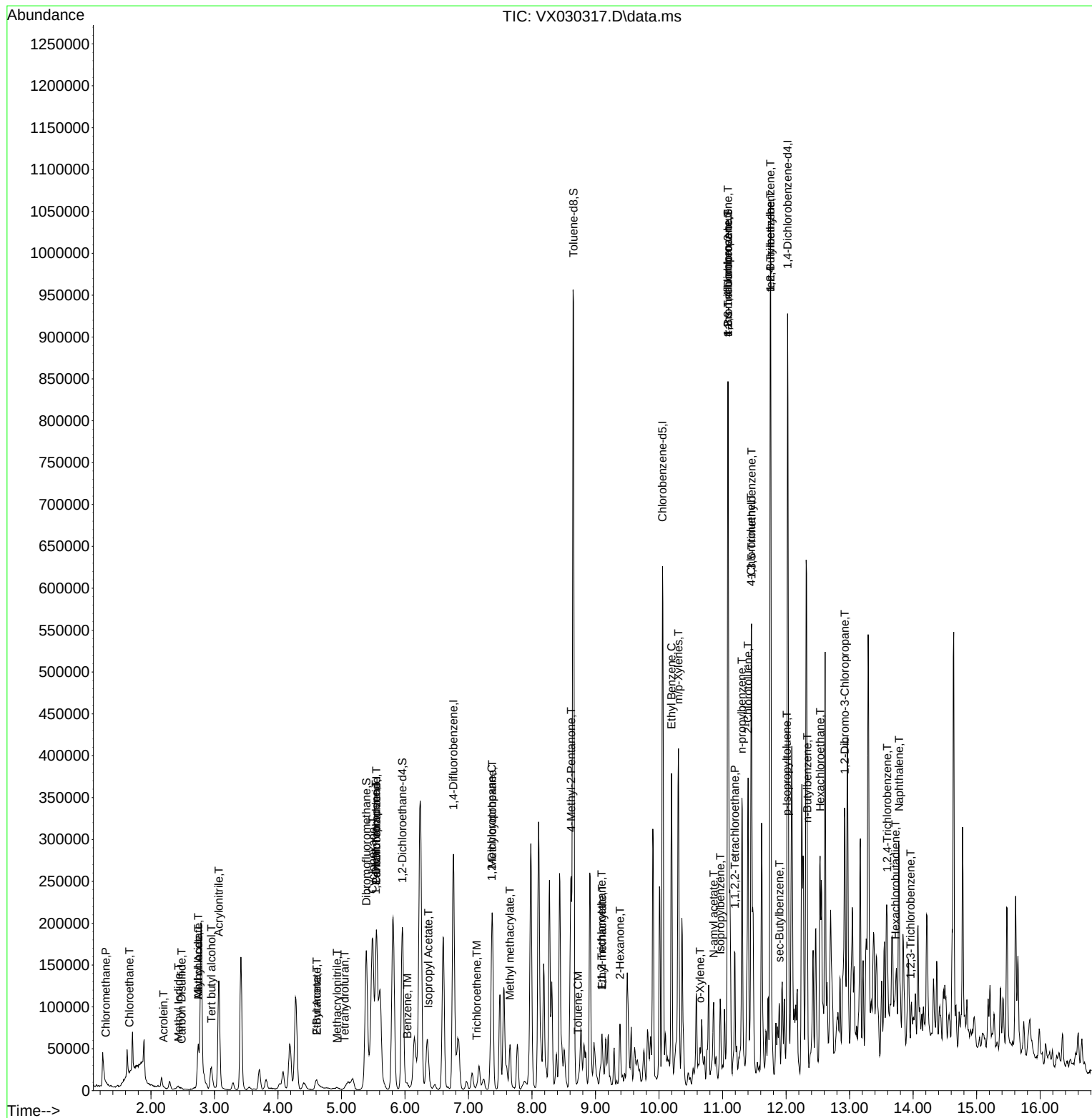
78) n-propylbenzene	11.305	91	211390	12.733	ug/l	98
79) 2-Chlorotoluene	11.402	91	26076	2.487	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.457	105	239690	20.579	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.085	75	100386	64.121	ug/l #	14
82) 4-Chlorotoluene	11.451	91	25781	2.251	ug/l #	49
83) tert-Butylbenzene	11.756	119	53825	4.986	ug/l #	57
84) 1,2,4-Trimethylbenzene	11.756	105	435333	37.465	ug/l	100
85) sec-Butylbenzene	11.896	105	25766	1.744	ug/l	89
86) p-Isopropyltoluene	12.012	119	12582	1.064	ug/l	89
89) n-Butylbenzene	12.335	91	99054	9.000	ug/l #	36
90) Hexachloroethane	12.536	117	10615	5.215	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	12.927	75	1139	0.933	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.591	180	1277	0.353	ug/l #	1
94) Hexachlorobutadiene	13.725	225	757	0.522	ug/l	85
95) Naphthalene	13.780	128	141138	9.998	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1030	0.278	ug/l #	1

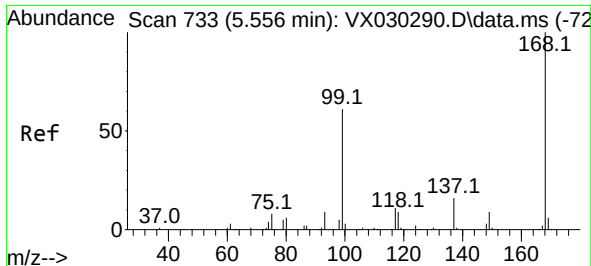
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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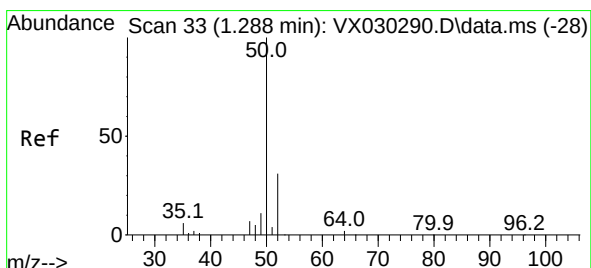
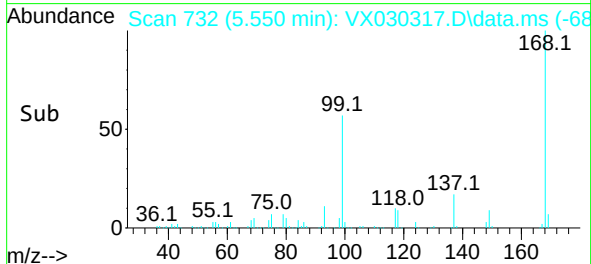
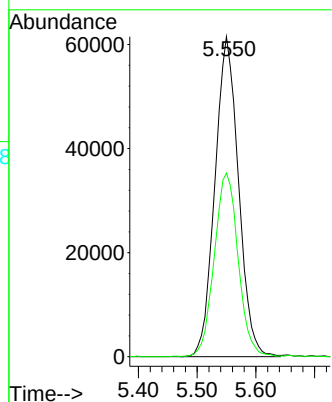
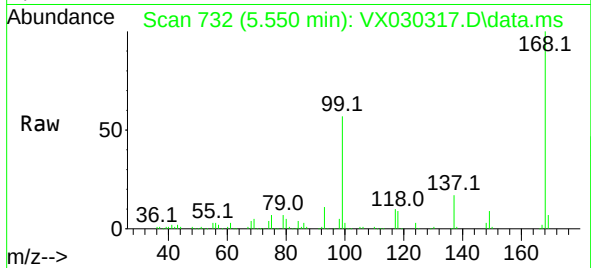




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

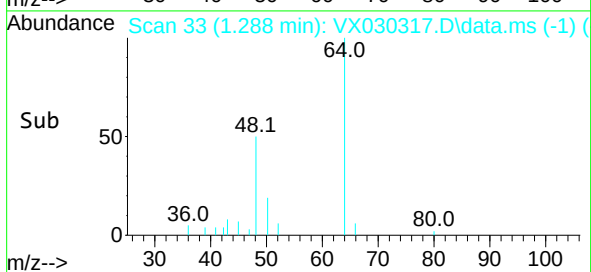
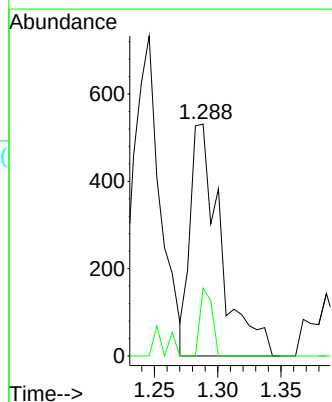
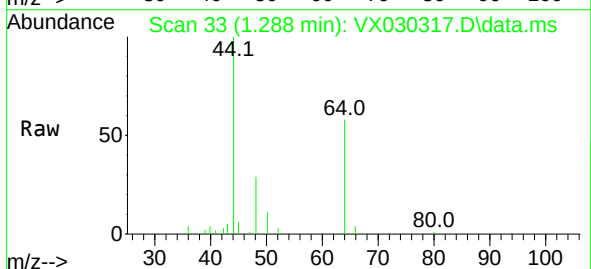
Instrument :
MSVOA_X
ClientSampleId :
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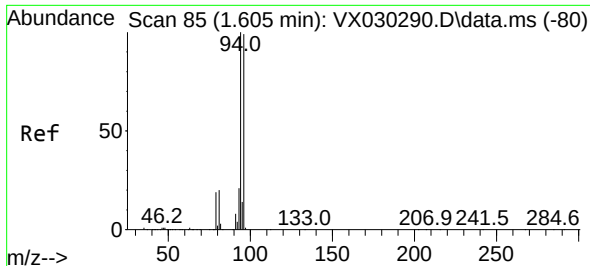
Tgt Ion:168 Resp: 171544
Ion Ratio Lower Upper
168 100
99 57.3 44.0 66.0



#3
Chloromethane
Concen: 0.319 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

Tgt Ion: 50 Resp: 888
Ion Ratio Lower Upper
50 100
52 29.2 26.3 39.5

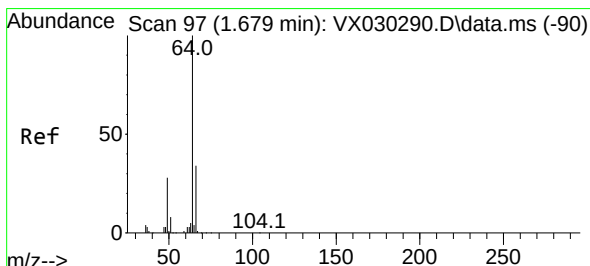
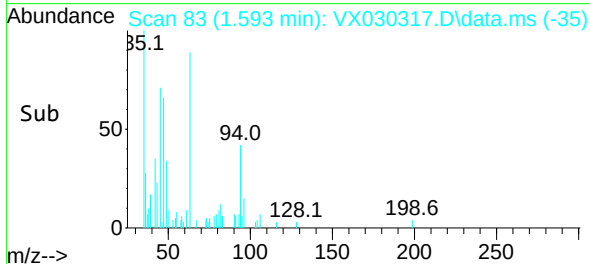
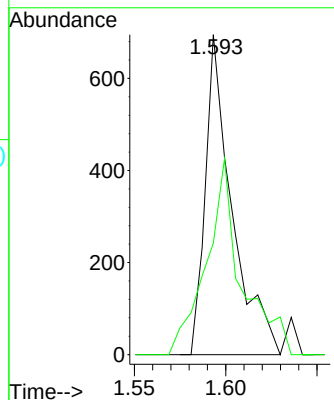
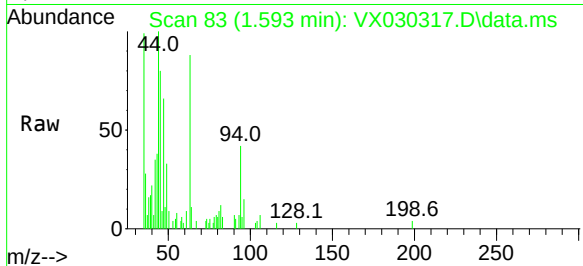




#5
Bromomethane
Concen: Below Cal
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

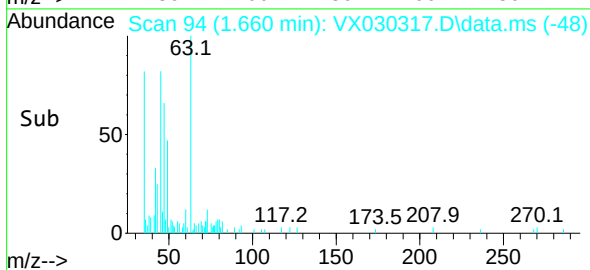
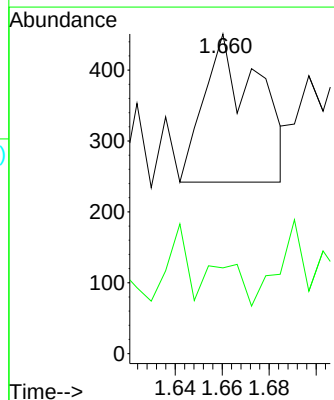
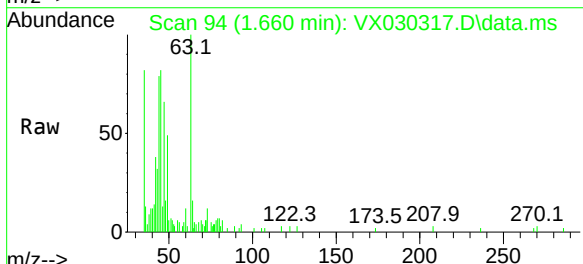
Instrument :
MSVOA_X
ClientSampleId :
DL-3(5-5.5)ME

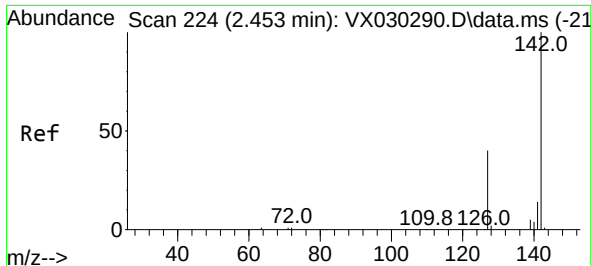
Tgt Ion: 94 Resp: 702
Ion Ratio Lower Upper
94 100
96 26.5 76.9 115.3#



#6
Chloroethane
Concen: 0.206 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.018 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

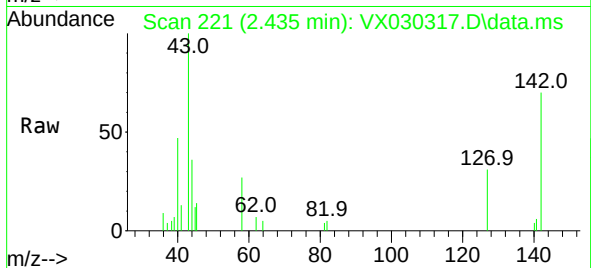
Tgt Ion: 64 Resp: 332
Ion Ratio Lower Upper
64 100
66 4.3 27.2 40.8#



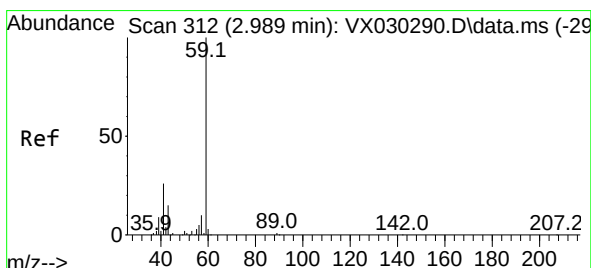
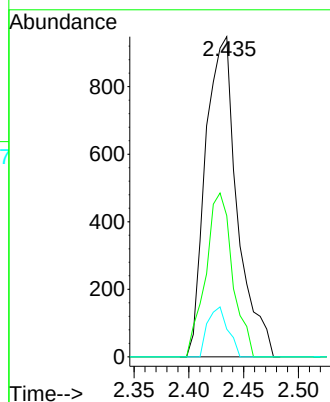
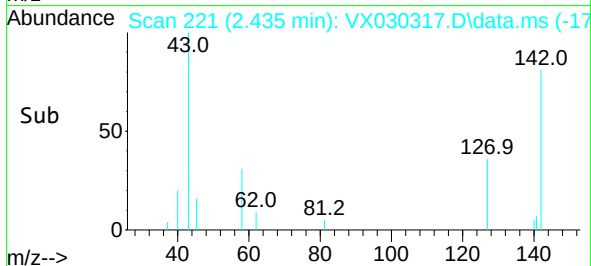


#10
Methyl Iodide
Concen: 2.215 ug/l
RT: 2.435 min Scan# 21
Delta R.T. -0.011 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

Instrument :
MSVOA_X
ClientSampleId :
DL-3(5-5.5)ME

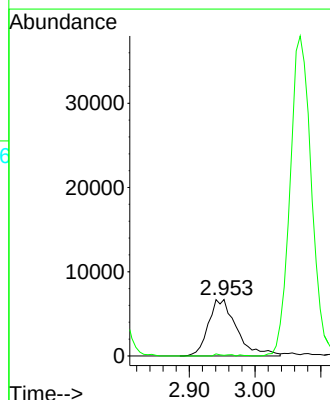
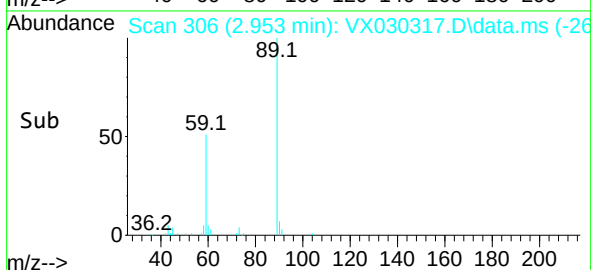
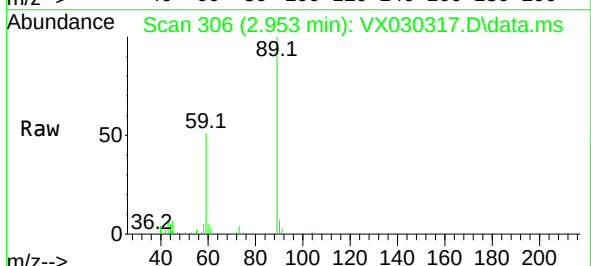


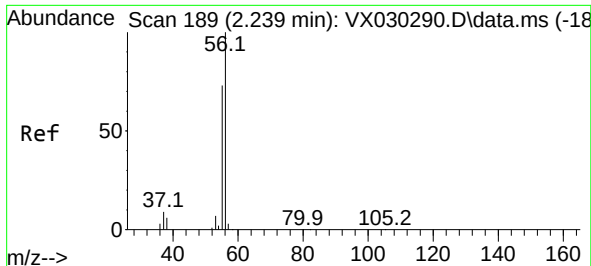
Tgt Ion:142 Resp: 1903
Ion Ratio Lower Upper
142 100
127 43.5 30.2 45.2
141 9.9 11.3 16.9#



#11
Tert butyl alcohol
Concen: 23.799 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

Tgt Ion: 59 Resp: 20016
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

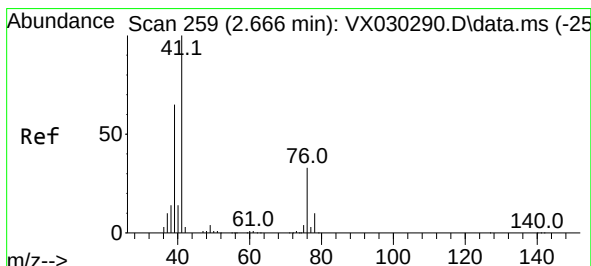
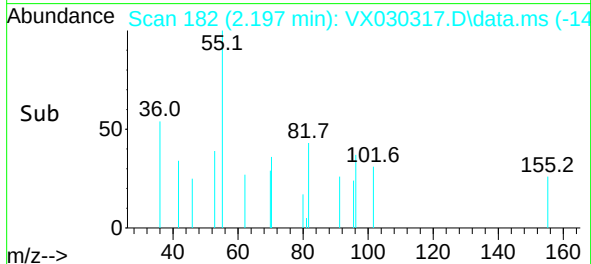
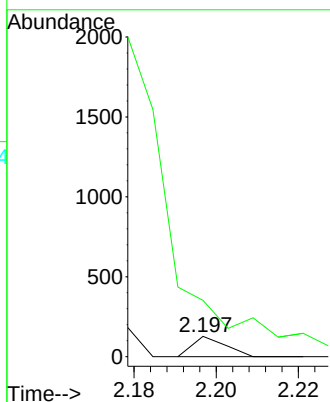
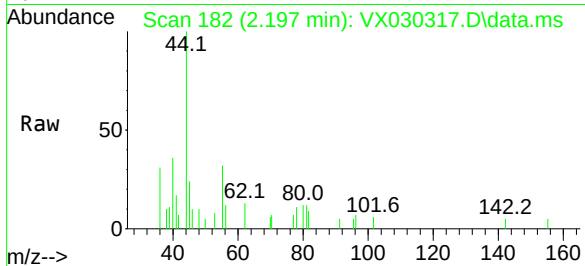




#13
Acrolein
Concen: 0.339 ug/l
RT: 2.197 min Scan# 11
Delta R.T. -0.042 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

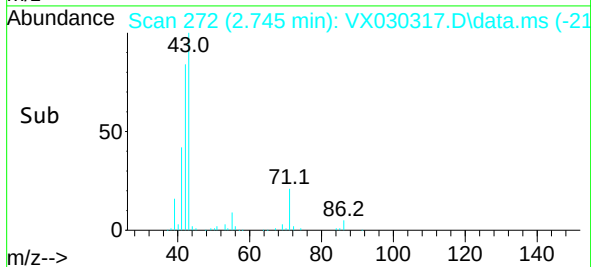
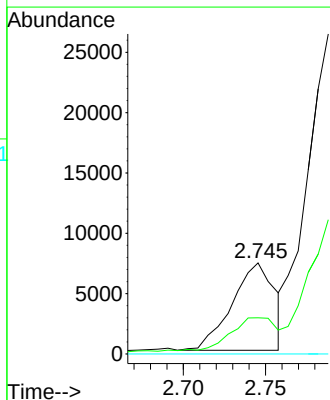
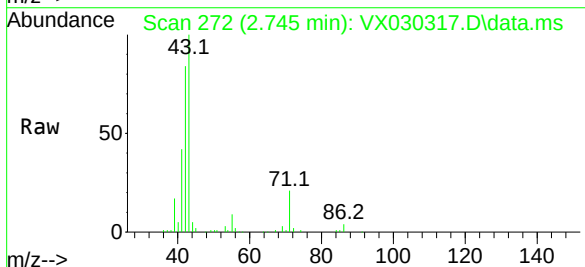
Instrument :
MSVOA_X
ClientSampleId :
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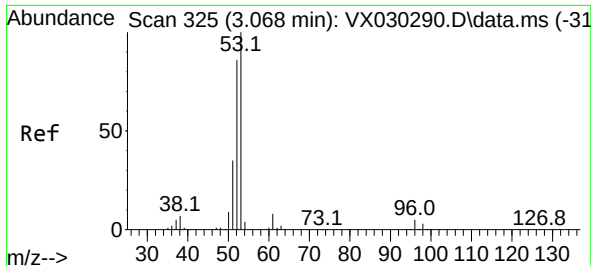
Tgt Ion: 56 Resp: 70
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#14
Allyl chloride
Concen: 2.362 ug/l
RT: 2.745 min Scan# 272
Delta R.T. 0.079 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

Tgt Ion: 41 Resp: 13061
Ion Ratio Lower Upper
41 100
39 53.3 48.9 73.3
76 0.0 26.9 40.3#





#15

Acrylonitrile

Concen: 1.738 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.001 min

Lab File: VX030317.D

Acq: 01 Aug 2022 13:06

Instrument :

MSVOA_X

ClientSampleId :

DL-3(5-5.5)ME

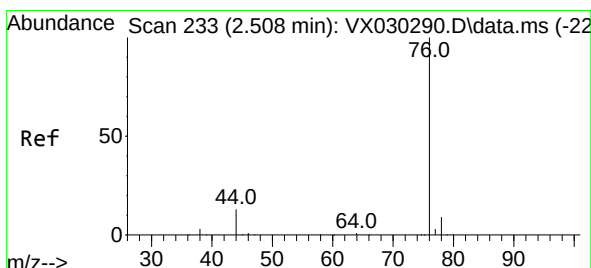
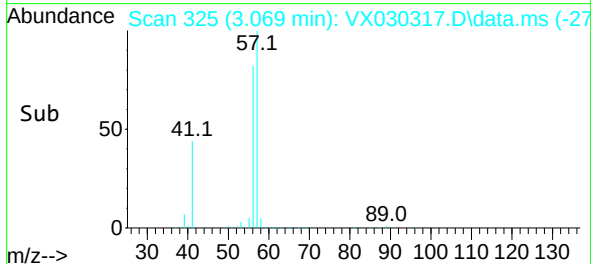
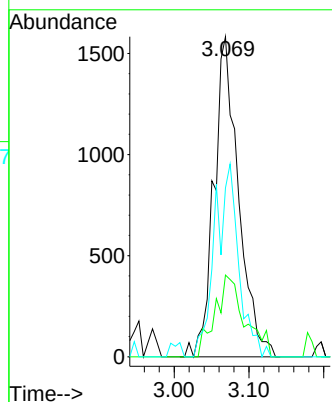
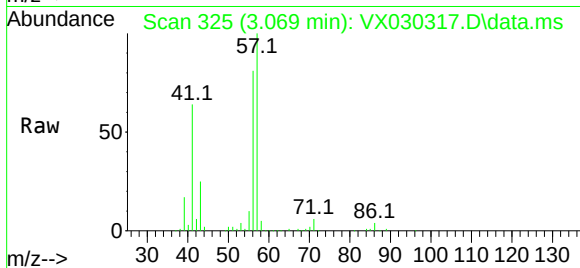
Tgt Ion: 53 Resp: 3613

Ion Ratio Lower Upper

53 100

52 31.0 65.4 98.0#

51 58.6 27.7 41.5#



#17

Carbon Disulfide

Concen: 0.214 ug/l

RT: 2.483 min Scan# 229

Delta R.T. -0.024 min

Lab File: VX030317.D

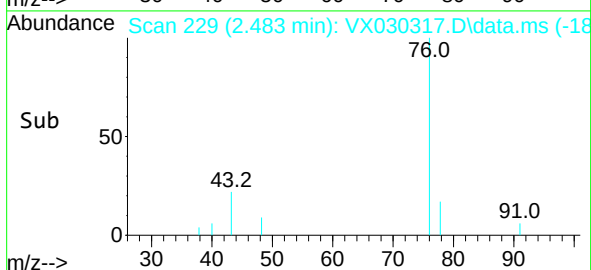
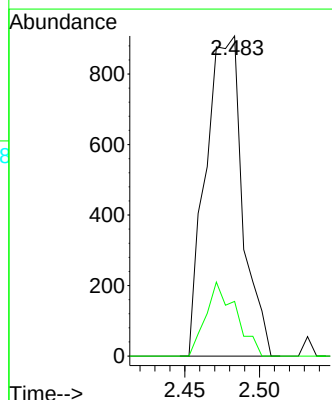
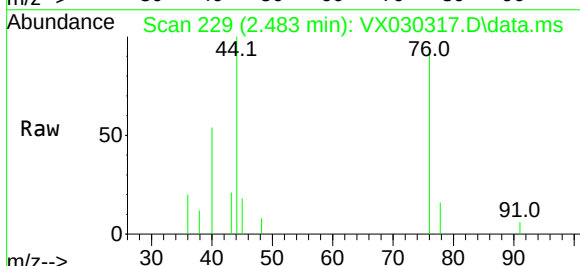
Acq: 01 Aug 2022 13:06

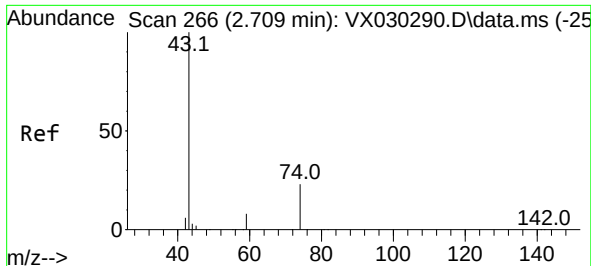
Tgt Ion: 76 Resp: 1551

Ion Ratio Lower Upper

76 100

78 17.1 7.8 11.6#

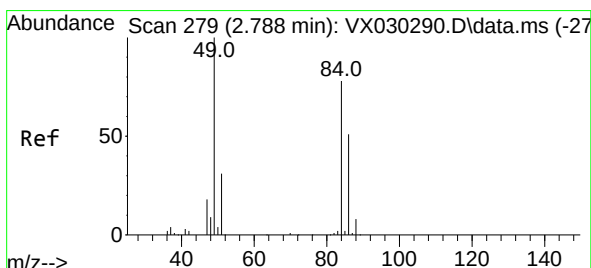
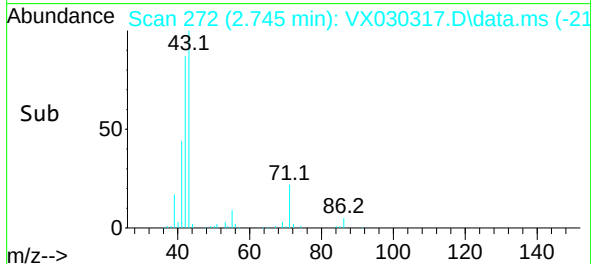
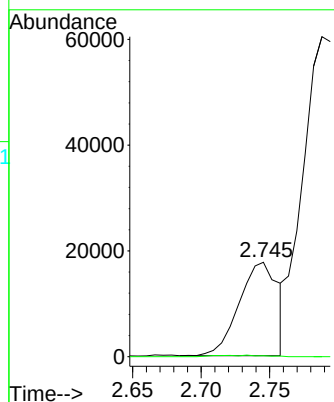
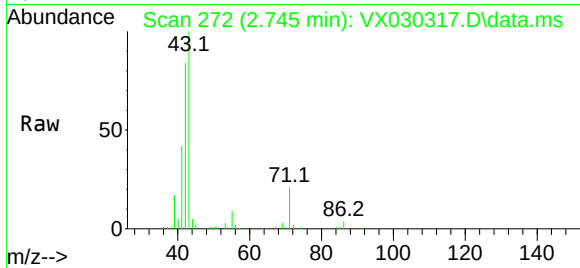




#18
Methyl Acetate
Concen: 6.700 ug/l
RT: 2.745 min Scan# 21
Delta R.T. 0.037 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

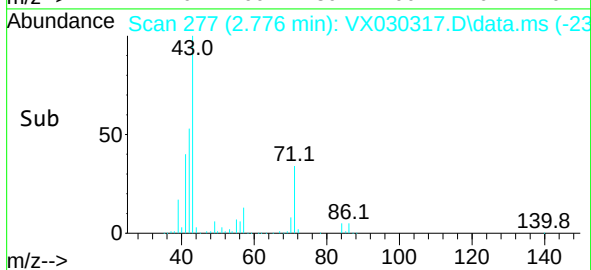
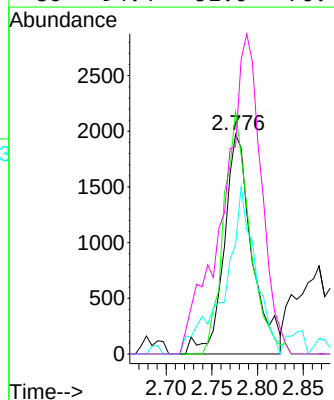
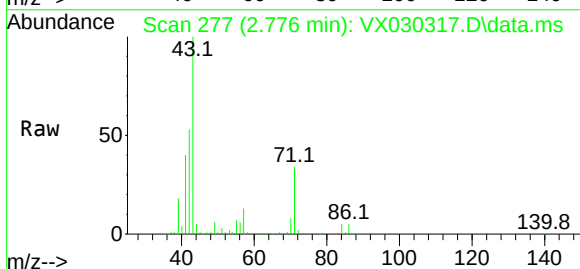
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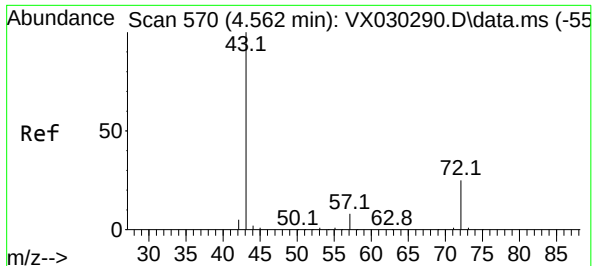
Tgt Ion: 43 Resp: 34985
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.776 min Scan# 277
Delta R.T. -0.012 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

Tgt Ion: 84 Resp: 4185
Ion Ratio Lower Upper
84 100
49 110.4 93.8 140.6
51 49.7 29.4 44.0#
86 94.4 51.0 76.4#

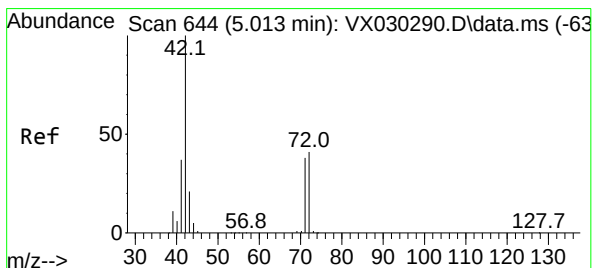
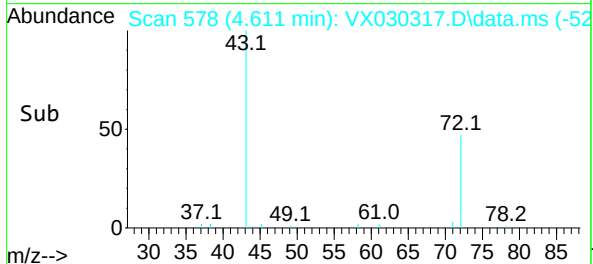
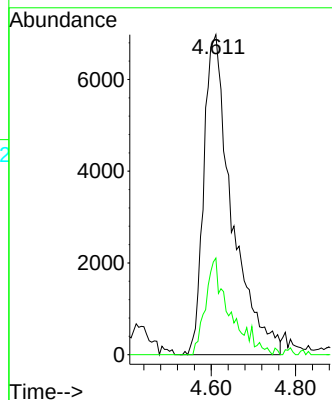
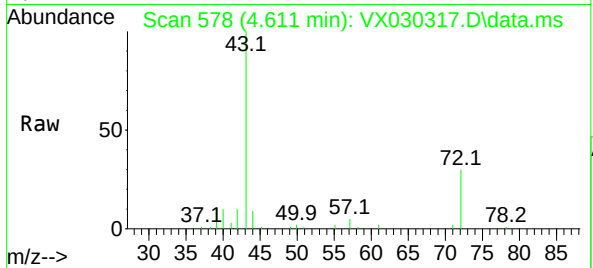




#25
2-Butanone
Concen: 10.892 ug/l
RT: 4.611 min Scan# 51
Delta R.T. 0.043 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

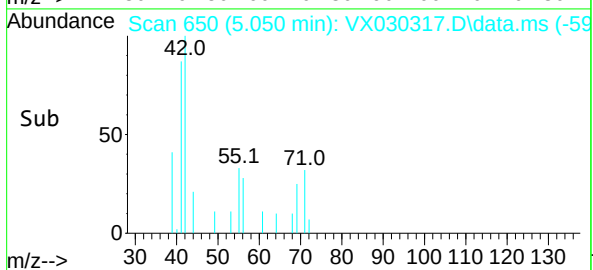
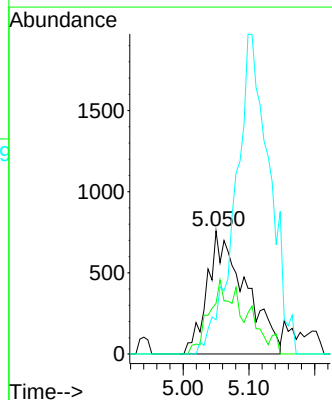
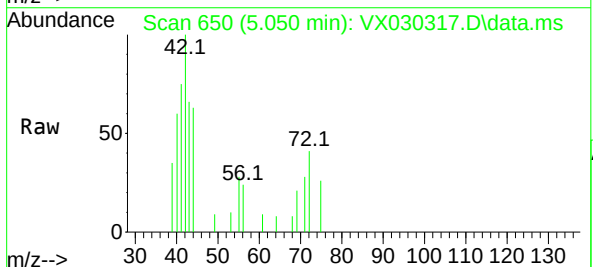
Instrument :
MSVOA_X
ClientSampleId :
DL-3(5-5.5)ME

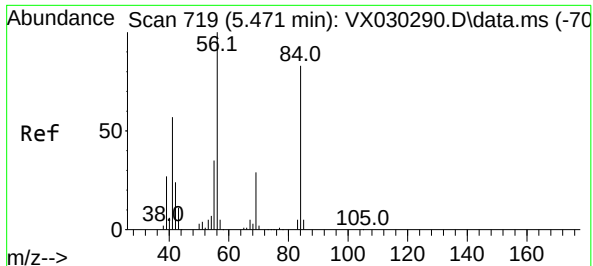
Tgt Ion: 43 Resp: 32311
Ion Ratio Lower Upper
43 100
72 30.2 21.7 32.5



#29
Tetrahydrofuran
Concen: 1.533 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.037 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

Tgt Ion: 42 Resp: 3059
Ion Ratio Lower Upper
42 100
72 31.9 36.5 54.7#
71 0.0 33.9 50.9#

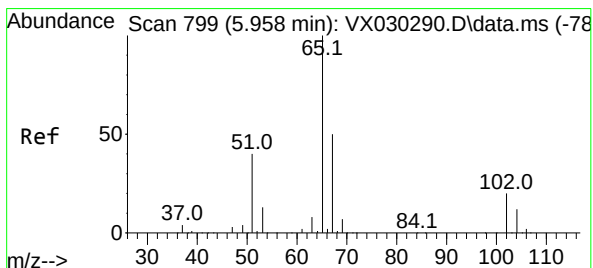
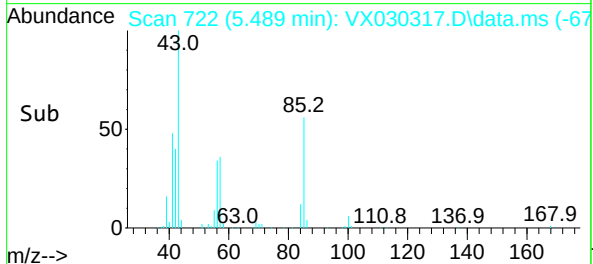
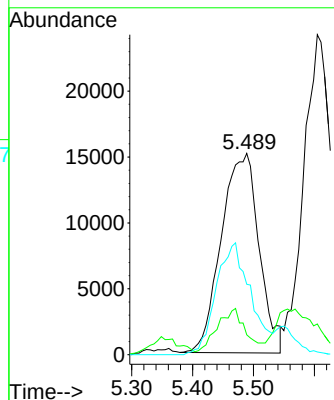
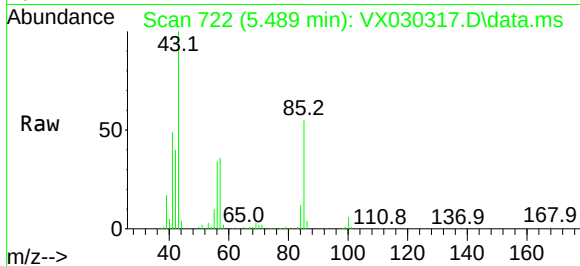




#31
Cyclohexane
Concen: 12.997 ug/l
RT: 5.489 min Scan# 719
Delta R.T. 0.019 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

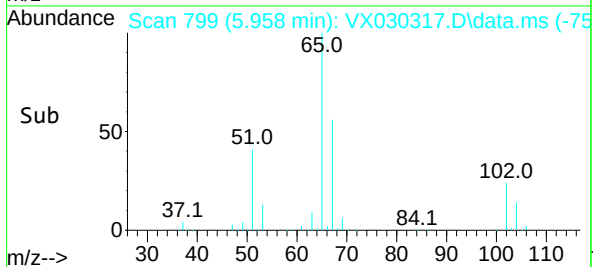
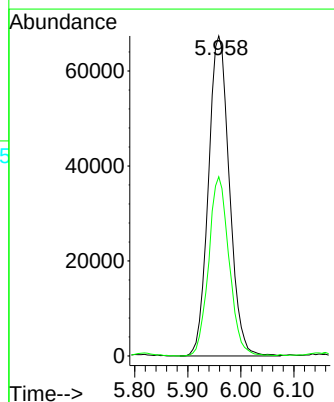
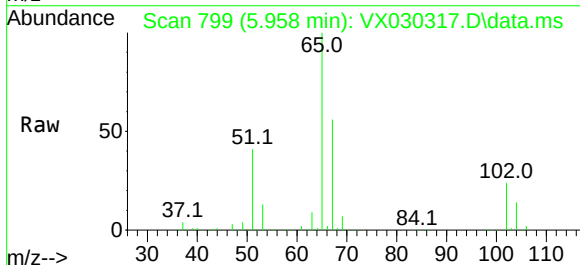
Instrument :
MSVOA_X
ClientSampleId :
DL-3(5-5.5)ME

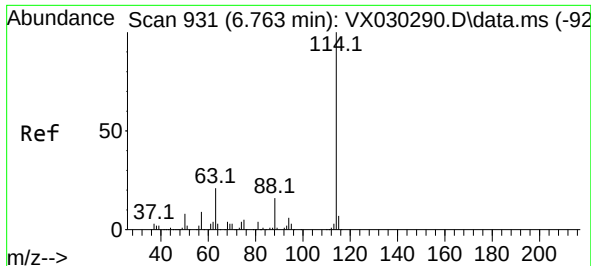
Tgt Ion: 56 Resp: 65064
Ion Ratio Lower Upper
56 100
69 5.6 25.4 38.0#
84 35.4 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 53.760 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

Tgt Ion: 65 Resp: 185362
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.6

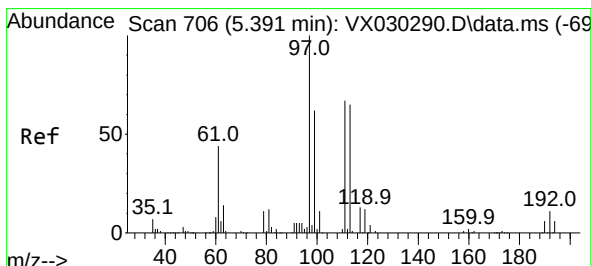
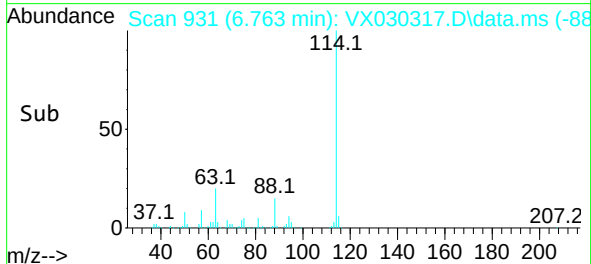
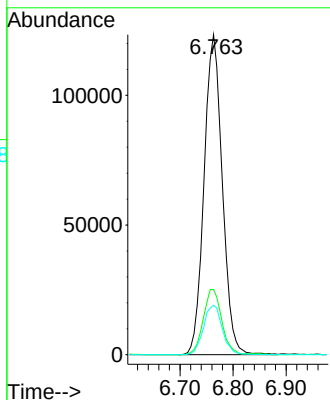
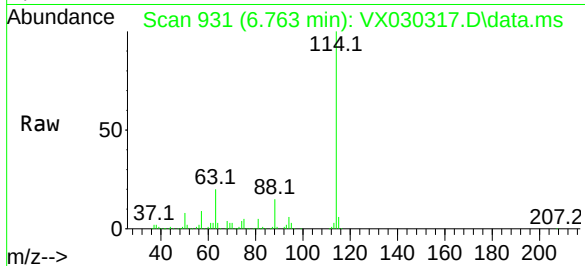




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

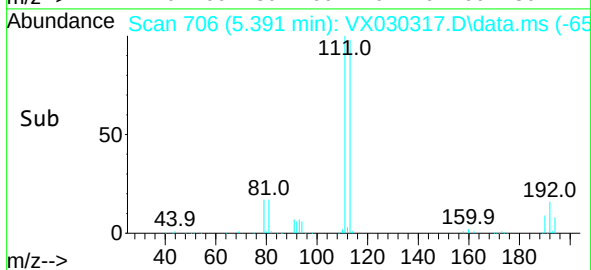
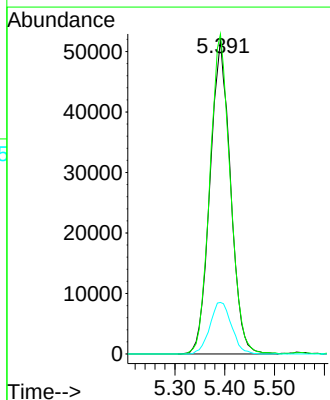
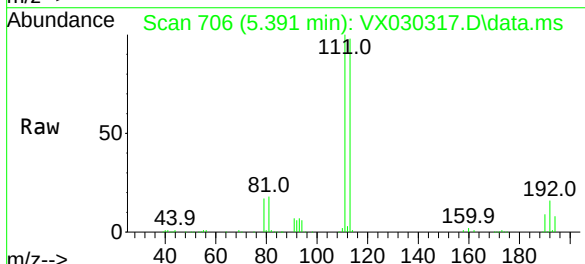
Instrument :
MSVOA_X
ClientSampleId :
DL-3(5-5.5)ME

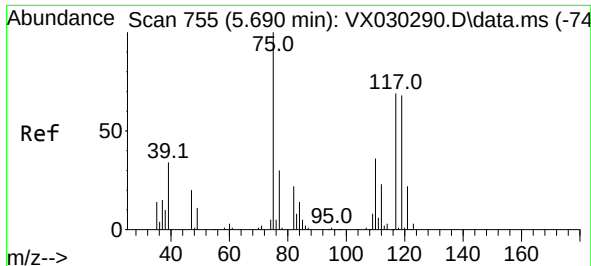
Tgt Ion:114 Resp: 294837
Ion Ratio Lower Upper
114 100
63 20.4 0.0 38.4
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.361 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

Tgt Ion:113 Resp: 147579
Ion Ratio Lower Upper
113 100
111 102.0 83.2 124.8
192 17.4 14.8 22.2

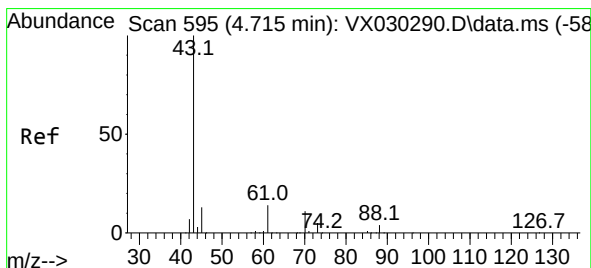
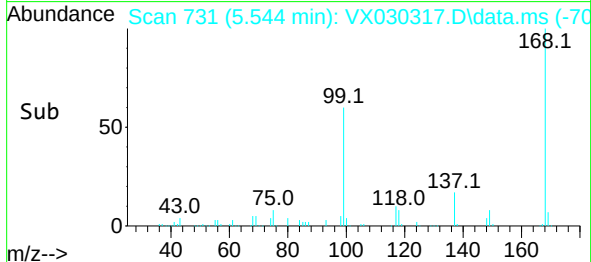
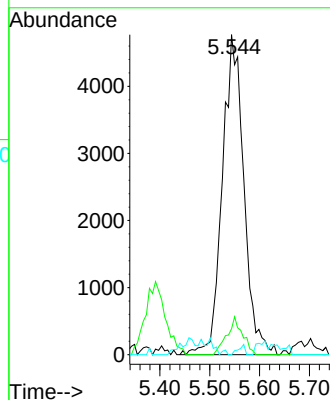
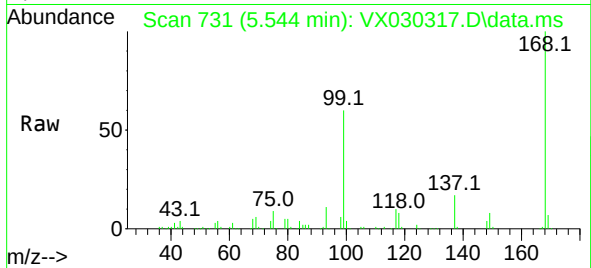




#36
1,1-Dichloropropene
Concen: 3.533 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

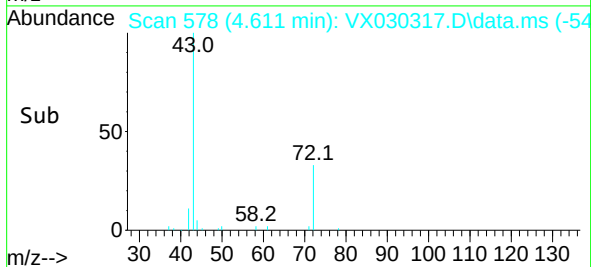
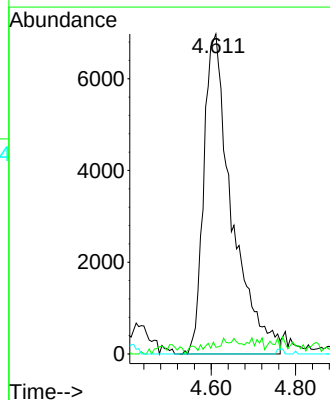
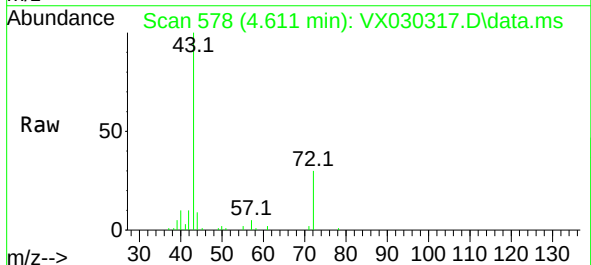
Instrument :
MSVOA_X
ClientSampleId :
DL-3(5-5.5)ME

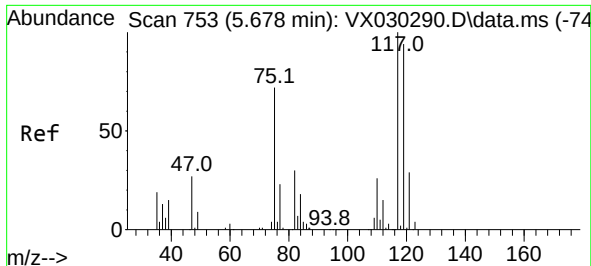
Tgt Ion: 75 Resp: 14332
Ion Ratio Lower Upper
75 100
110 8.5 19.3 57.9#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 5.625 ug/l
RT: 4.611 min Scan# 578
Delta R.T. -0.109 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

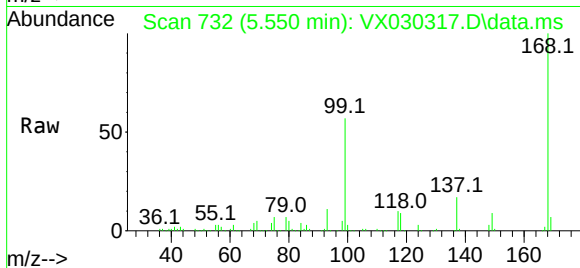
Tgt Ion: 43 Resp: 32311
Ion Ratio Lower Upper
43 100
61 0.5 11.7 17.5#
70 0.0 9.3 13.9#



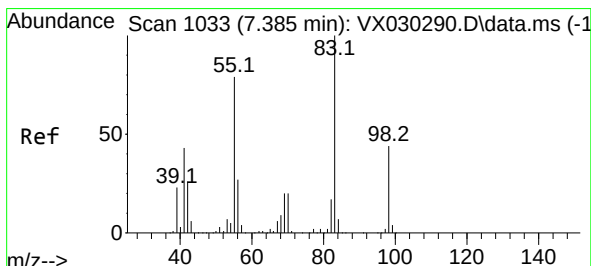
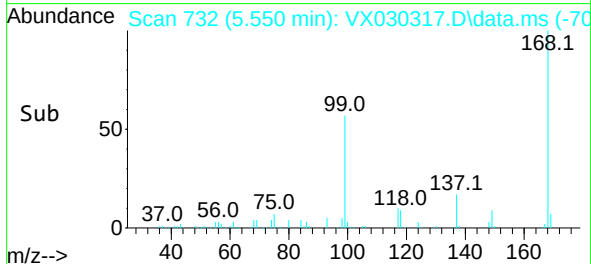
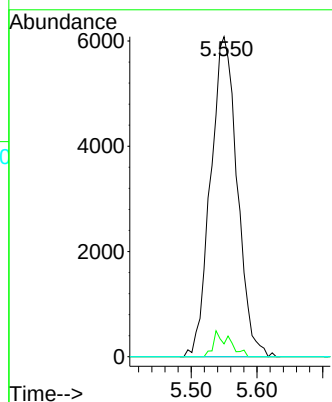


#38
Carbon Tetrachloride
Concen: 4.526 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.133 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

Instrument :
MSVOA_X
ClientSampleId :
DL-3(5-5.5)ME

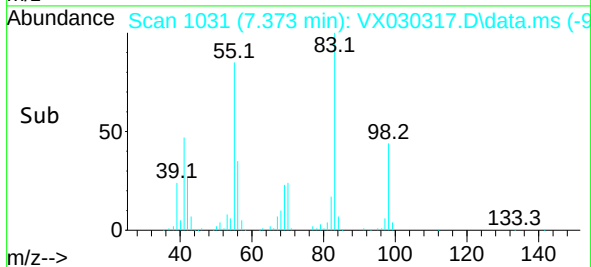
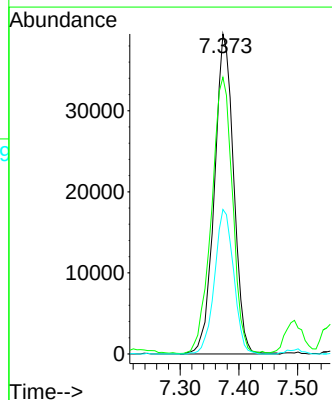
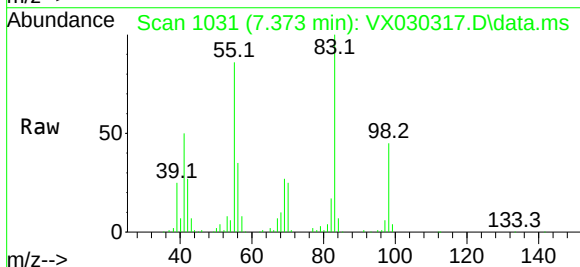


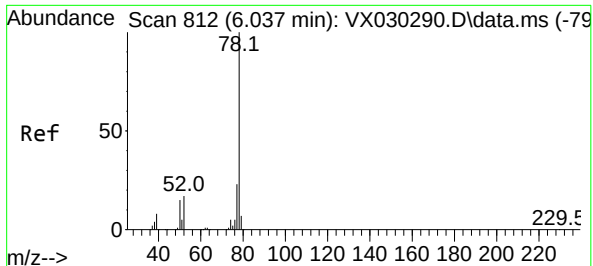
Tgt Ion:117 Resp: 17138
Ion Ratio Lower Upper
117 100
119 4.0 74.1 111.1#
121 0.0 25.8 38.8#



#39
Methylcyclohexane
Concen: 17.135 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.011 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

Tgt Ion: 83 Resp: 89711
Ion Ratio Lower Upper
83 100
55 86.3 57.7 86.5
98 45.1 36.5 54.7

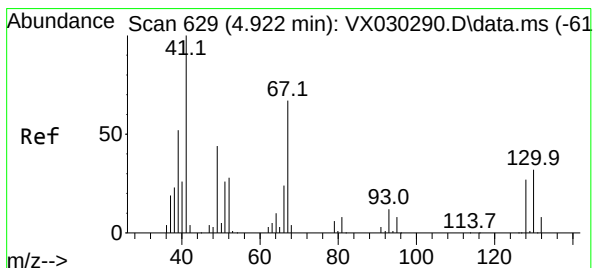
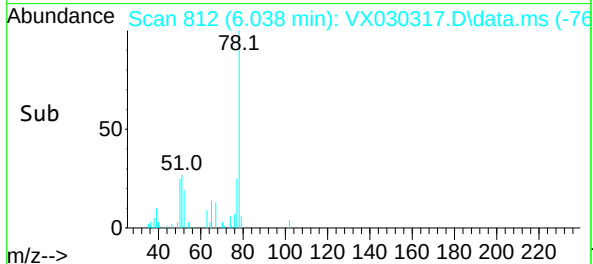
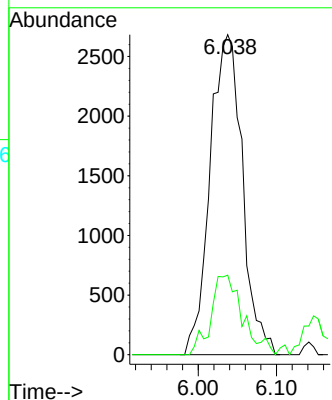
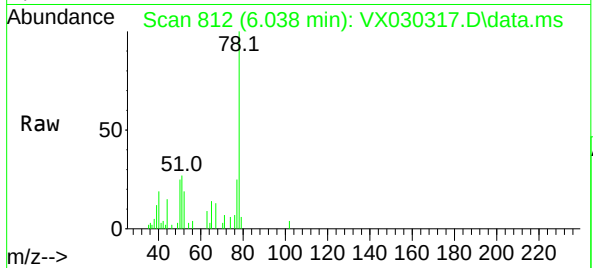




#40
Benzene
Concen: 0.602 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.005 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

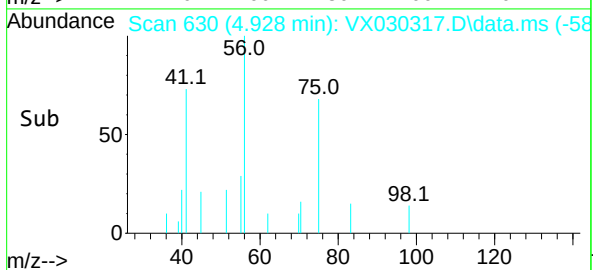
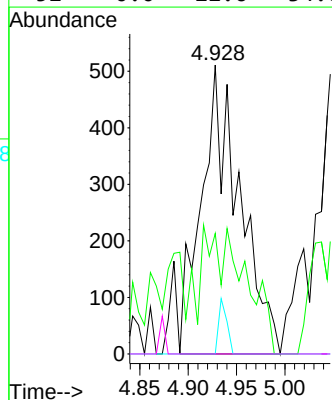
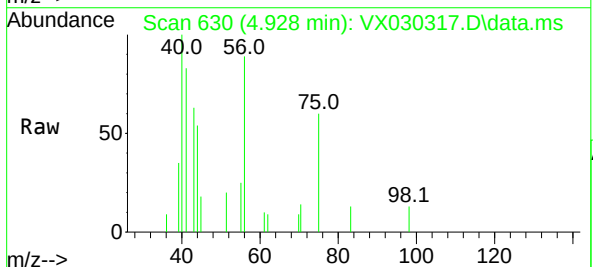
Instrument :
MSVOA_X
ClientSampleId :
DL-3(5-5.5)ME

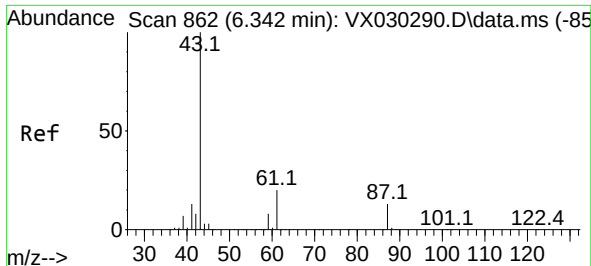
Tgt Ion: 78 Resp: 7684
Ion Ratio Lower Upper
78 100
77 24.9 18.0 27.0



#41
Methacrylonitrile
Concen: 0.457 ug/l
RT: 4.928 min Scan# 630
Delta R.T. -0.000 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

Tgt Ion: 41 Resp: 1408
Ion Ratio Lower Upper
41 100
39 13.7 42.9 64.3#
67 0.0 60.1 90.1#
52 0.0 22.6 34.0#





#43

Isopropyl Acetate

Concen: 0.906 ug/l

RT: 6.367 min Scan# 866

Delta R.T. 0.019 min

Lab File: VX030317.D

Acq: 01 Aug 2022 13:06

Instrument :

MSVOA_X

ClientSampleId :

DL-3(5-5.5)ME

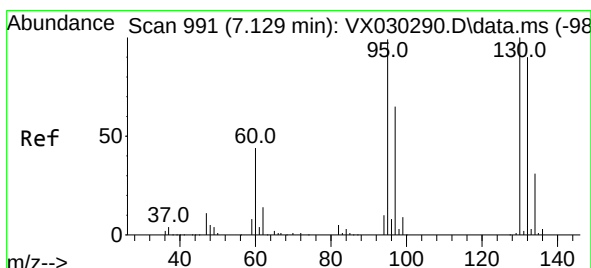
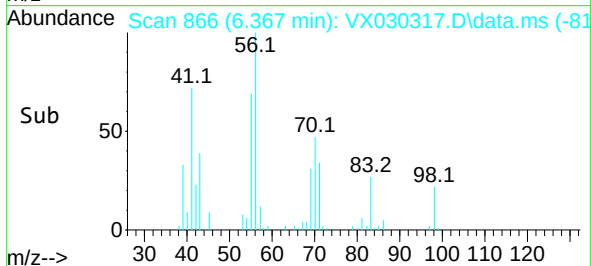
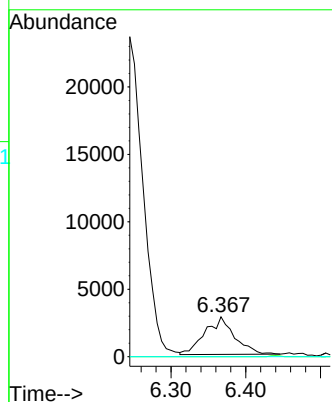
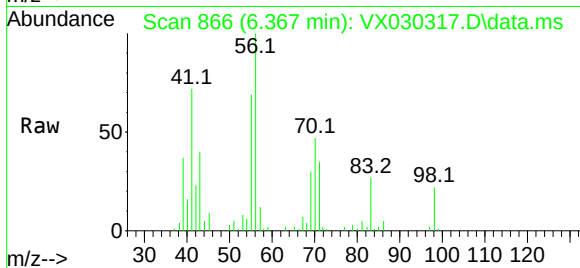
Tgt Ion: 43 Resp: 7630

Ion Ratio Lower Upper

43 100

61 0.0 16.5 24.7#

87 0.0 11.1 16.7#



#44

Trichloroethene

Concen: 0.271 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.001 min

Lab File: VX030317.D

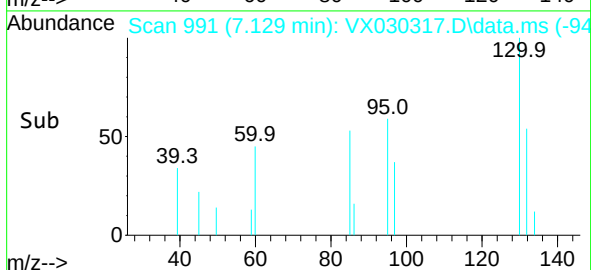
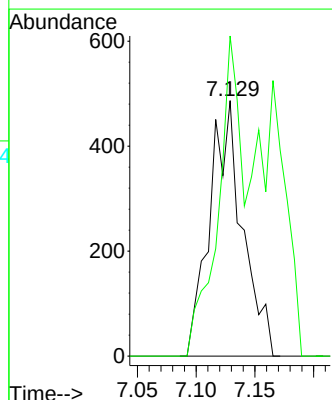
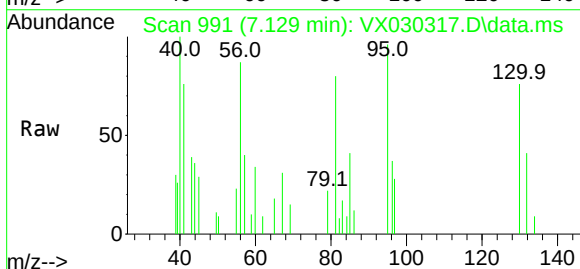
Acq: 01 Aug 2022 13:06

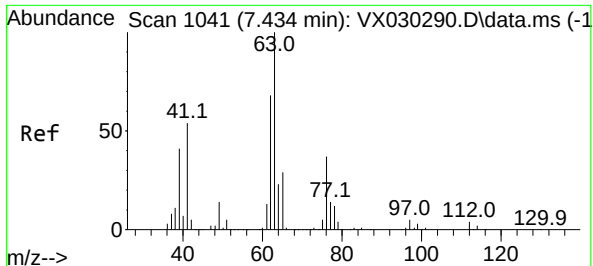
Tgt Ion: 130 Resp: 944

Ion Ratio Lower Upper

130 100

95 125.3 0.0 194.8

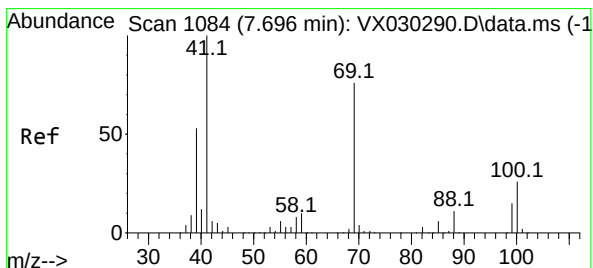
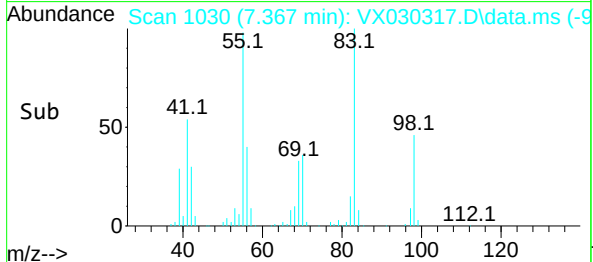
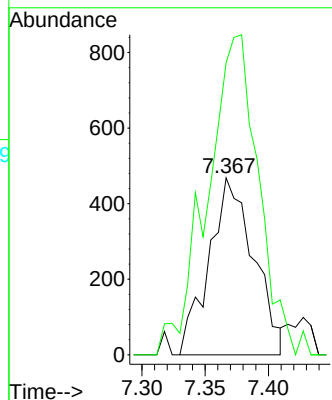
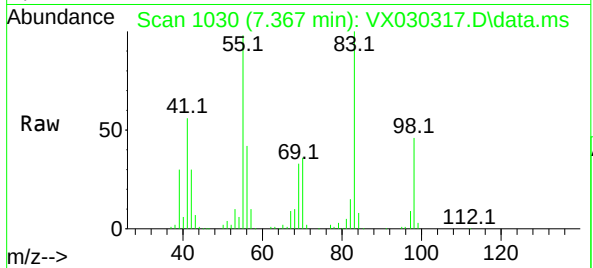




#45
1,2-Dichloropropane
Concen: 0.339 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. -0.066 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

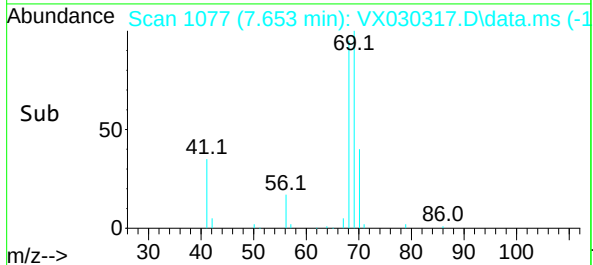
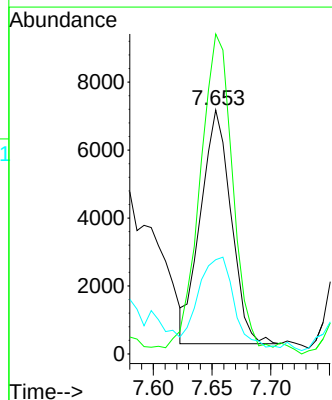
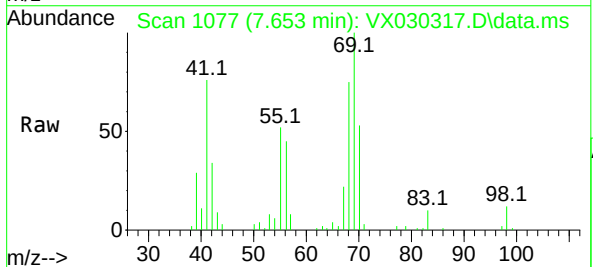
Instrument :
MSVOA_X
ClientSampleId :
DL-3(5-5.5)ME

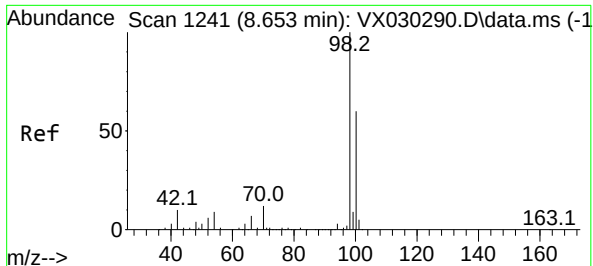
Tgt Ion: 63 Resp: 1154
Ion Ratio Lower Upper
63 100
65 153.0 25.2 37.8#



#48
Methyl methacrylate
Concen: 2.990 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.042 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

Tgt Ion: 41 Resp: 12391
Ion Ratio Lower Upper
41 100
69 150.5 68.8 103.2#
39 45.9 44.6 66.8

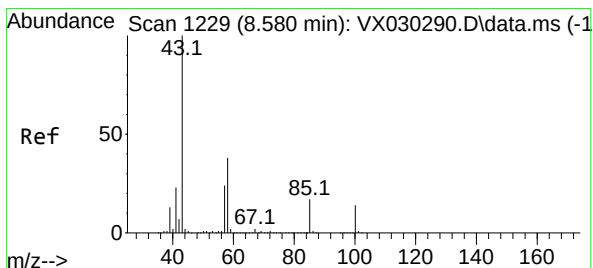
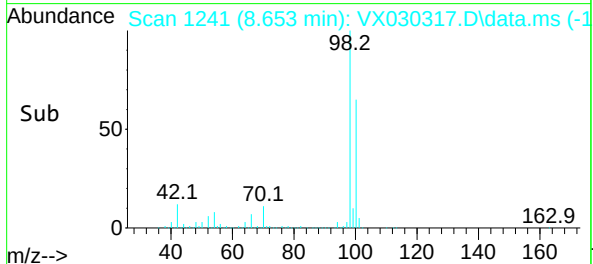
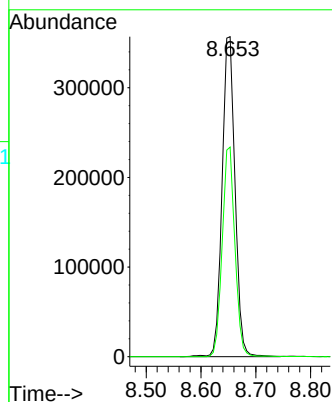
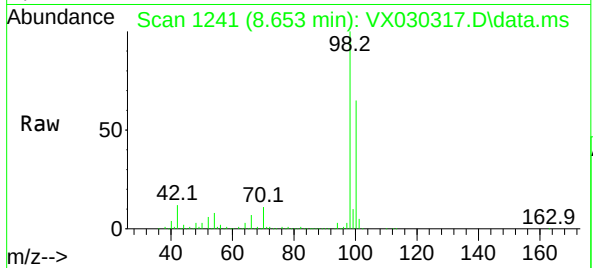




#50
Toluene-d8
Concen: 53.676 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

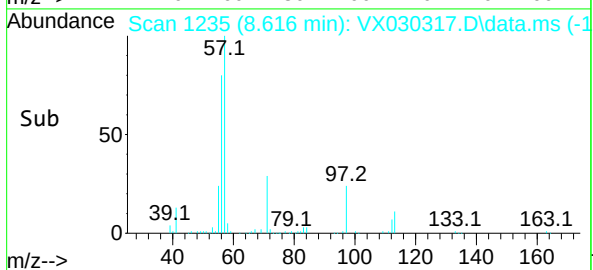
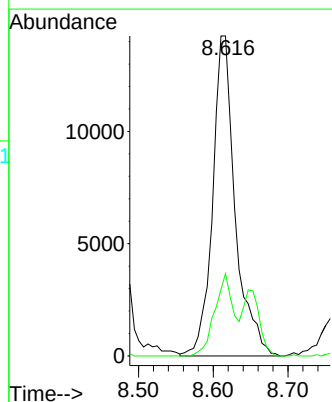
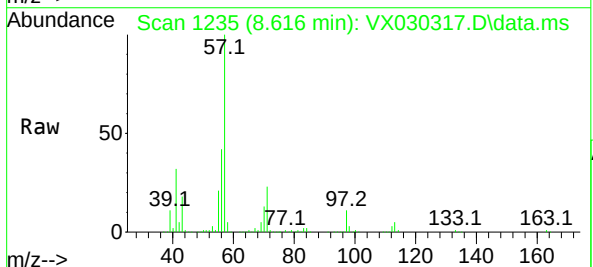
Instrument :
MSVOA_X
ClientSampleId :
DL-3(5-5.5)ME

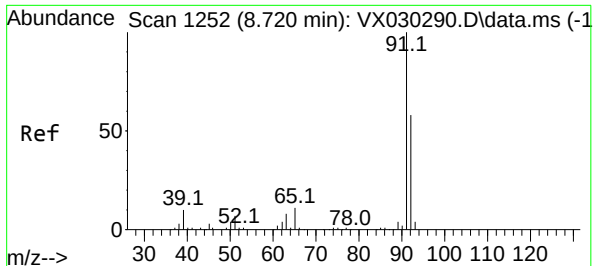
Tgt Ion: 98 Resp: 585879
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 5.255 ug/l
RT: 8.616 min Scan# 1235
Delta R.T. 0.037 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

Tgt Ion: 43 Resp: 30038
Ion Ratio Lower Upper
43 100
58 21.6 31.4 47.2#

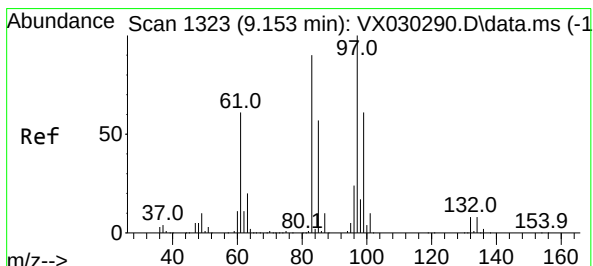
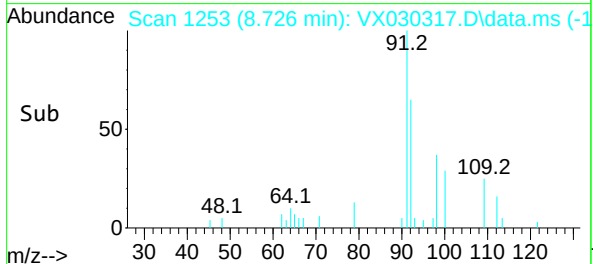
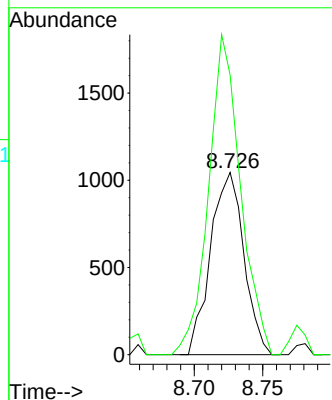
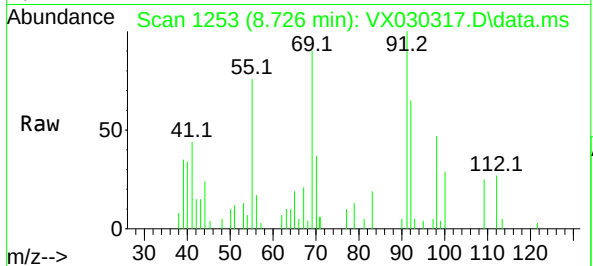




#52
Toluene
Concen: 0.227 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

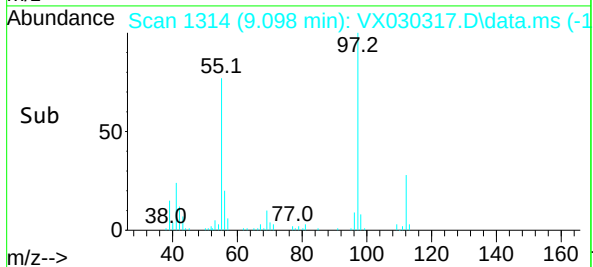
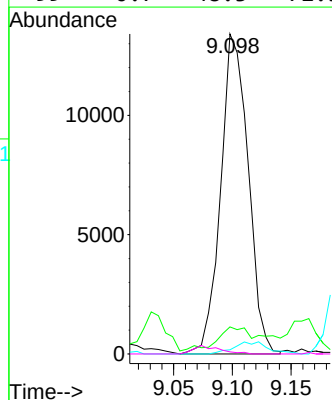
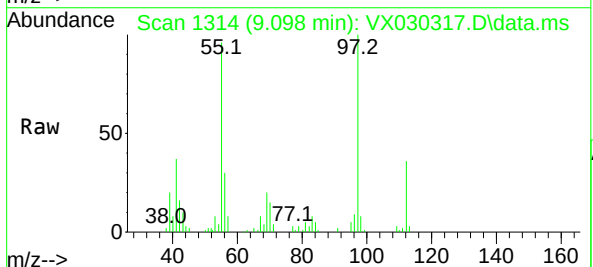
Instrument :
MSVOA_X
ClientSampleId :
DL-3(5-5.5)ME

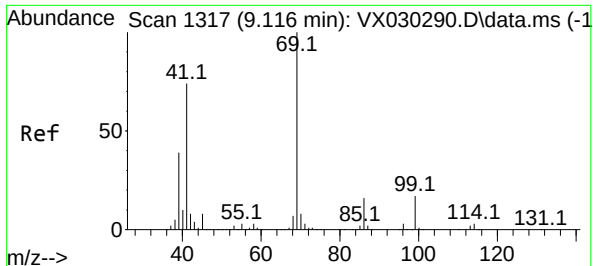
Tgt Ion: 92 Resp: 1767
Ion Ratio Lower Upper
92 100
91 168.3 139.2 208.8



#55
1,1,2-Trichloroethane
Concen: 6.590 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.060 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

Tgt Ion: 97 Resp: 21845
Ion Ratio Lower Upper
97 100
83 7.5 68.9 103.3#
85 1.3 44.0 66.0#
99 0.7 48.3 72.5#

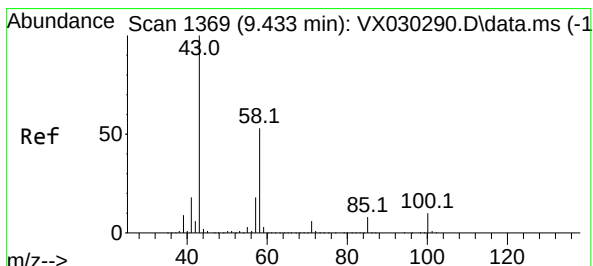
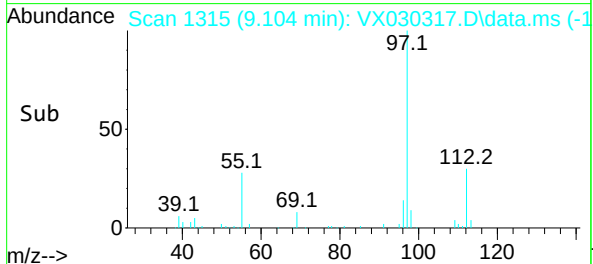
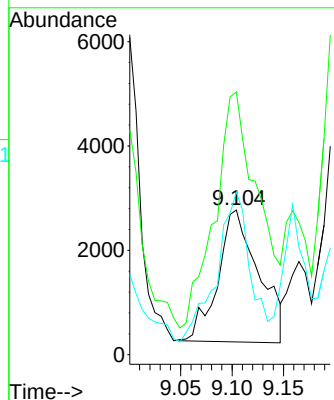
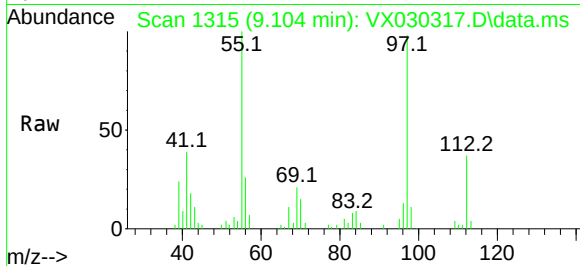




#56
Ethyl methacrylate
Concen: 1.334 ug/l
RT: 9.104 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

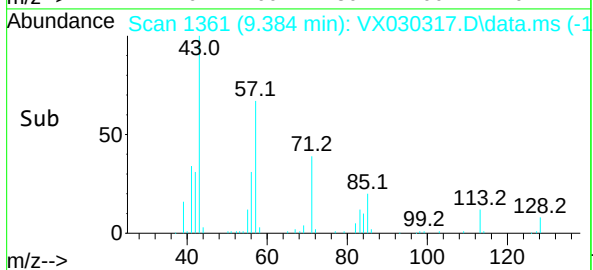
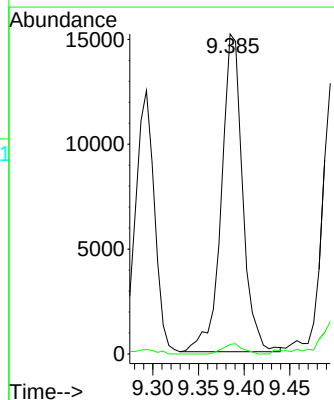
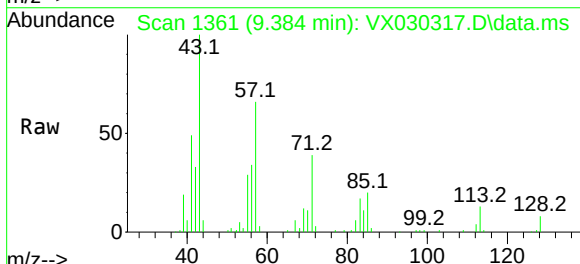
Instrument :
MSVOA_X
ClientSampleId :
DL-3(5-5.5)ME

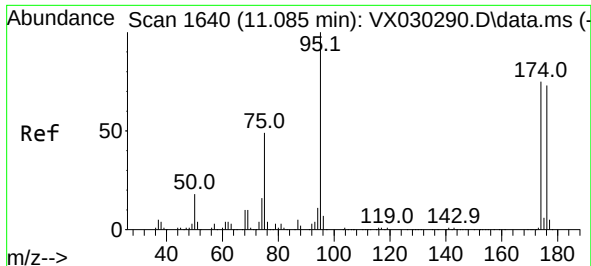
Tgt Ion: 69 Resp: 6989
Ion Ratio Lower Upper
69 100
41 189.3 52.3 78.5#
39 92.7 28.2 42.4#



#59
2-Hexanone
Concen: 5.437 ug/l
RT: 9.384 min Scan# 1361
Delta R.T. -0.049 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

Tgt Ion: 43 Resp: 24522
Ion Ratio Lower Upper
43 100
58 3.0 27.6 82.8#





#62

4-Bromofluorobenzene

Concen: 50.708 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030317.D

Acq: 01 Aug 2022 13:06

Instrument :

MSVOA_X

ClientSampleId :

DL-3(5-5.5)ME

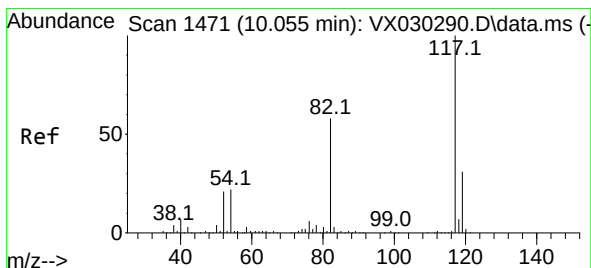
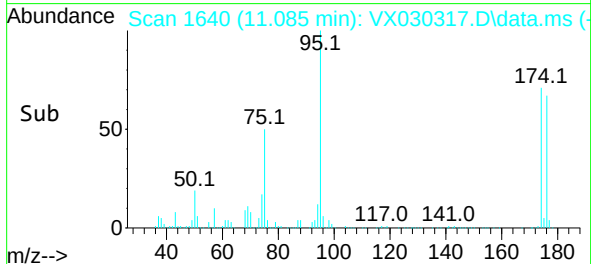
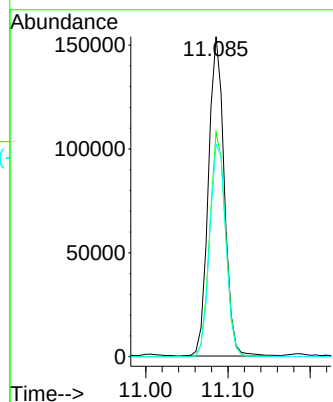
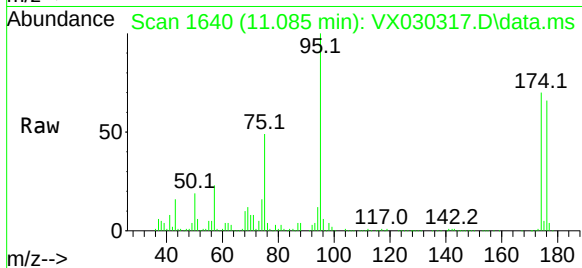
Tgt Ion: 95 Resp: 205409

Ion Ratio Lower Upper

95 100

174 70.6 0.0 149.0

176 68.0 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX030317.D

Acq: 01 Aug 2022 13:06

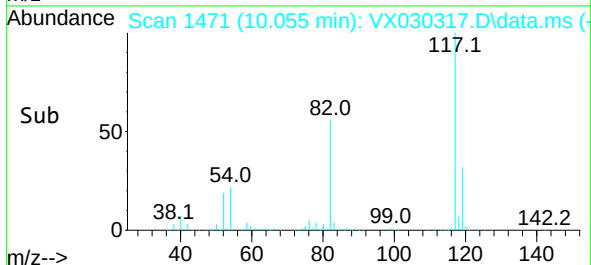
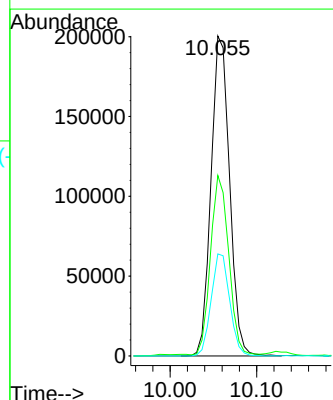
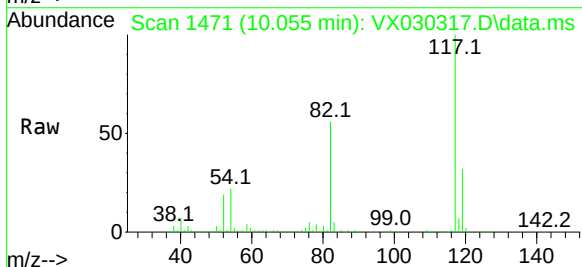
Tgt Ion: 117 Resp: 298334

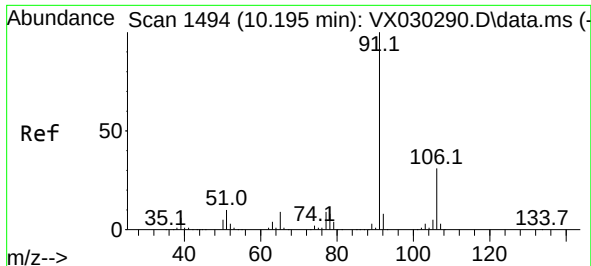
Ion Ratio Lower Upper

117 100

82 55.9 42.7 64.1

119 31.9 25.4 38.2





#67

Ethyl Benzene

Concen: 15.511 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX030317.D

Acq: 01 Aug 2022 13:06

Instrument :

MSVOA_X

ClientSampleId :

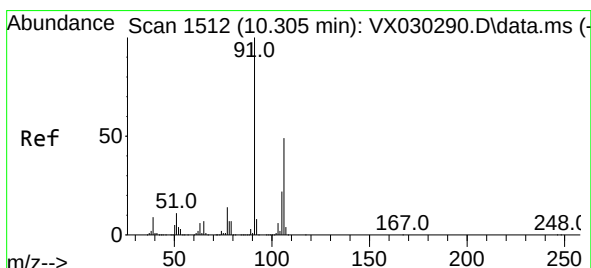
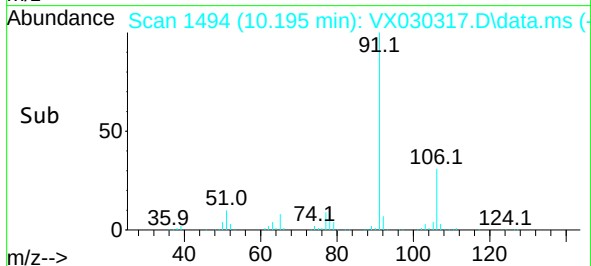
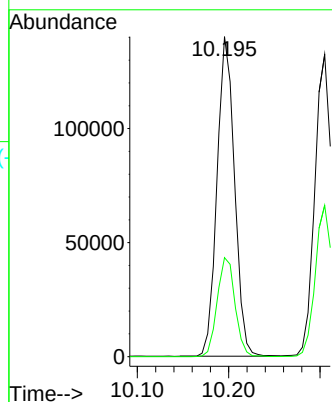
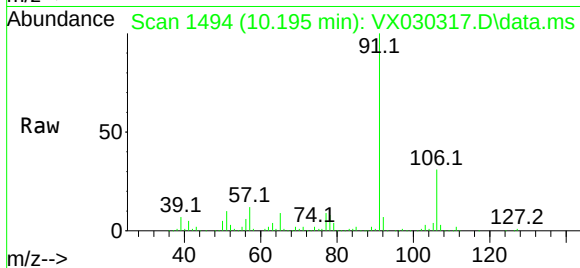
DL-3(5-5.5)ME

Tgt Ion: 91 Resp: 186703

Ion Ratio Lower Upper

91 100

106 31.0 25.5 38.3



#68

m/p-Xylenes

Concen: 16.370 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX030317.D

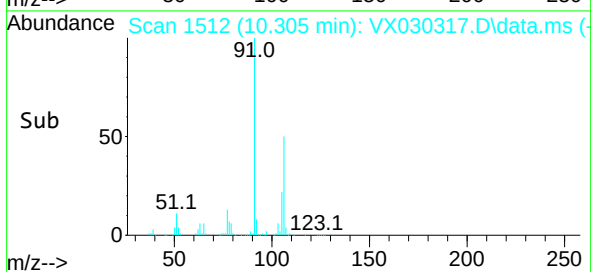
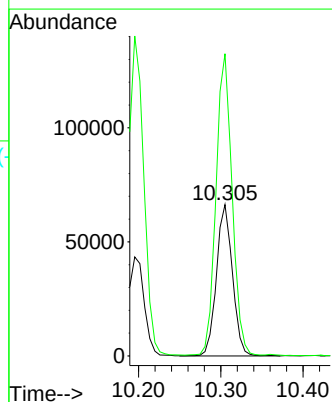
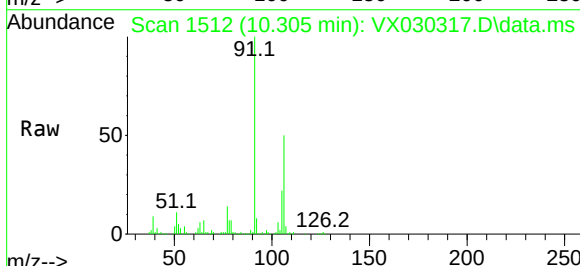
Acq: 01 Aug 2022 13:06

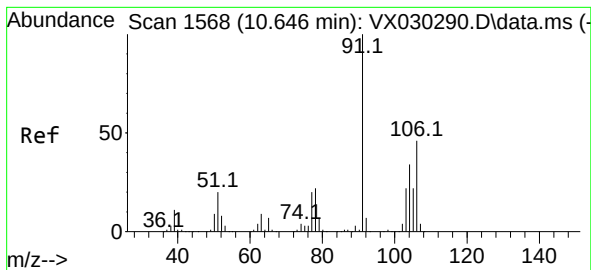
Tgt Ion: 106 Resp: 89869

Ion Ratio Lower Upper

106 100

91 199.8 158.2 237.4





#69

o-Xylene

Concen: 1.415 ug/l

RT: 10.646 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030317.D

Acq: 01 Aug 2022 13:06

Instrument :

MSVOA_X

ClientSampleId :

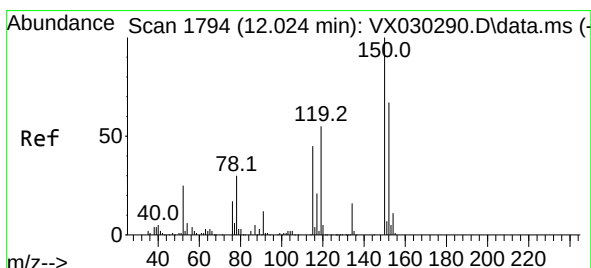
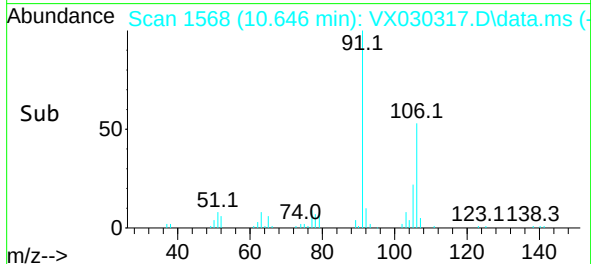
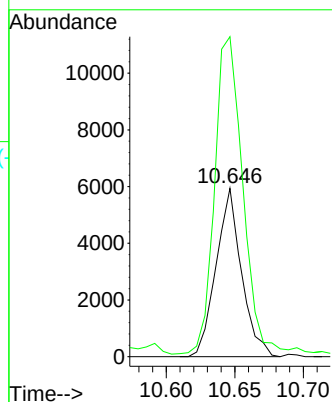
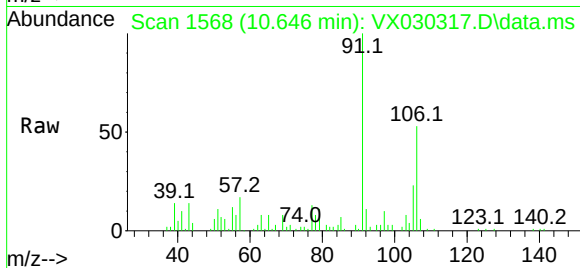
DL-3(5-5.5)ME

Tgt Ion:106 Resp: 7654

Ion Ratio Lower Upper

106 100

91 218.7 103.8 311.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX030317.D

Acq: 01 Aug 2022 13:06

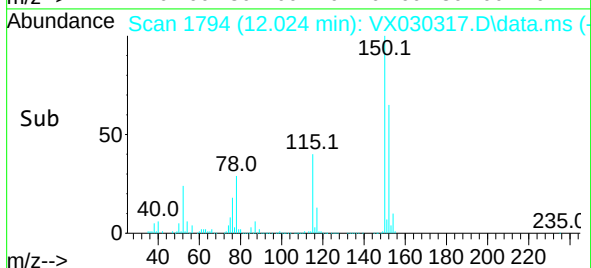
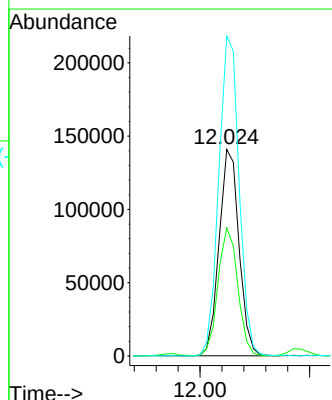
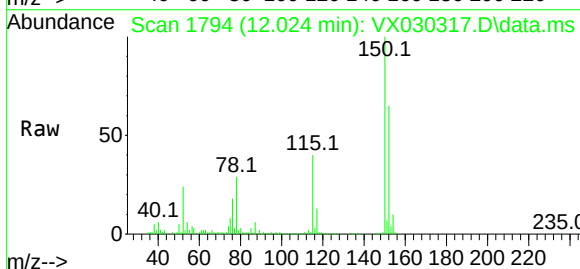
Tgt Ion:152 Resp: 178176

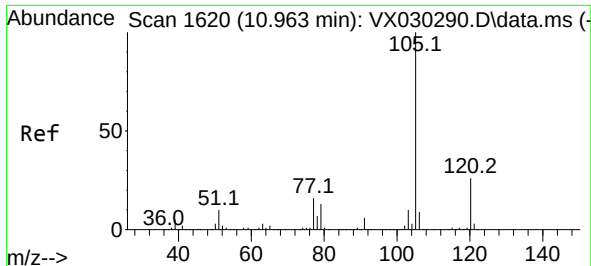
Ion Ratio Lower Upper

152 100

115 61.2 40.5 121.5

150 158.1 0.0 347.0

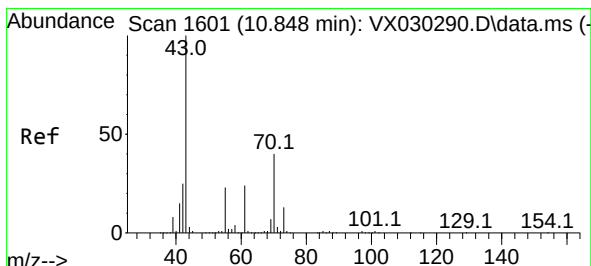
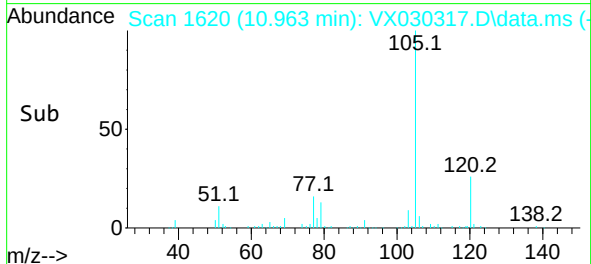
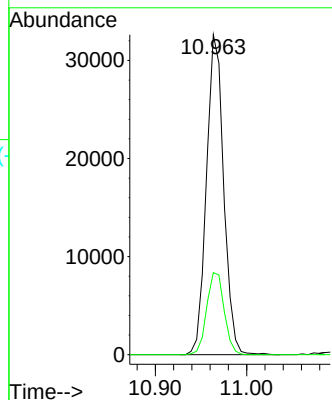
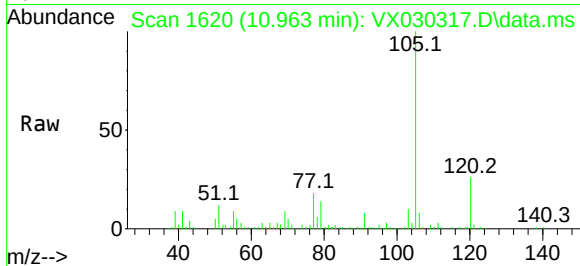




#73
Isopropylbenzene
Concen: 3.070 ug/l
RT: 10.963 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

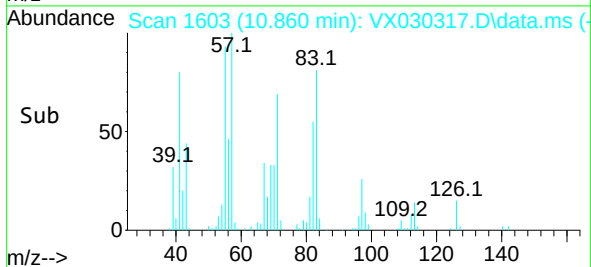
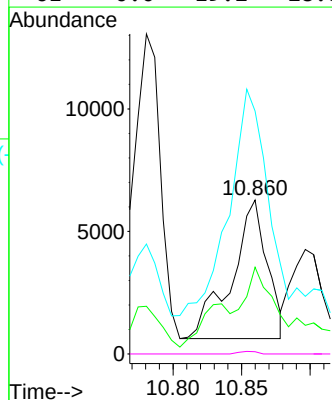
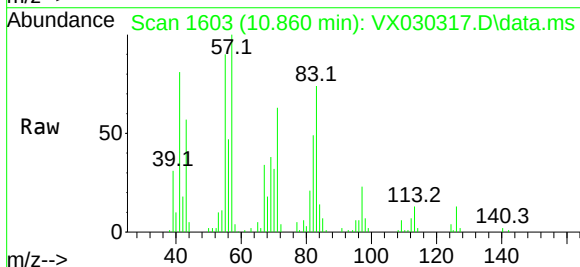
Instrument :
MSVOA_X
ClientSampleId :
DL-3(5-5.5)ME

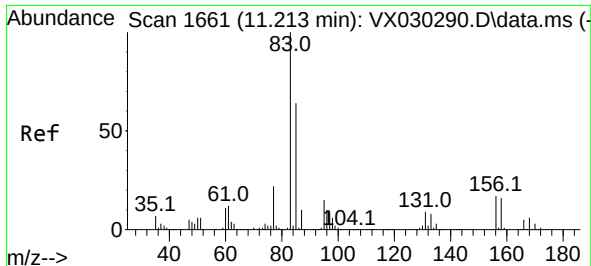
Tgt Ion:105 Resp: 42708
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.4



#74
N-ethyl acetate
Concen: 1.516 ug/l
RT: 10.860 min Scan# 1603
Delta R.T. 0.013 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

Tgt Ion: 43 Resp: 10248
Ion Ratio Lower Upper
43 100
70 45.1 32.3 48.5
55 180.1 18.4 27.6#
61 0.0 19.2 28.8#

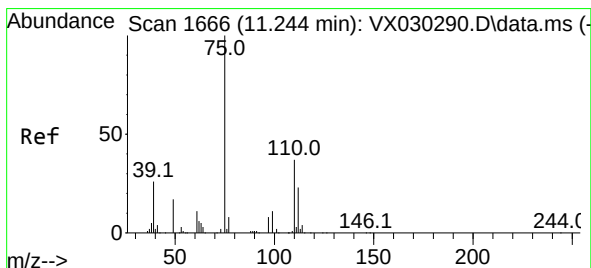
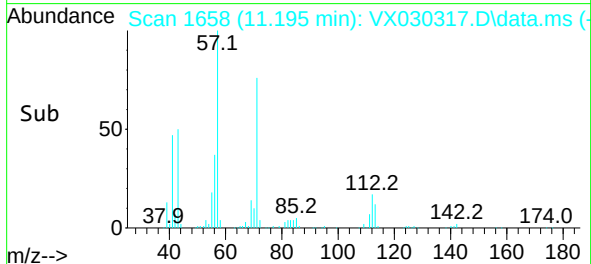
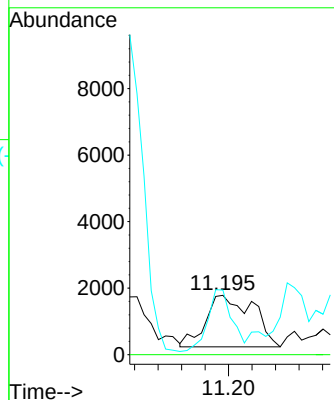
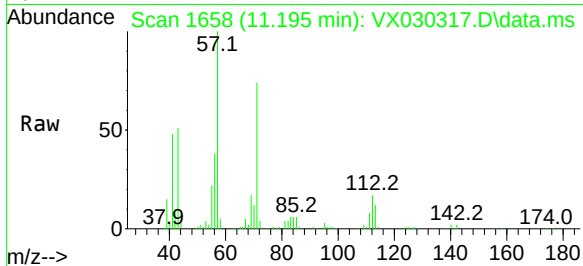




#75
1,1,2,2-Tetrachloroethane
Concen: 0.855 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.018 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

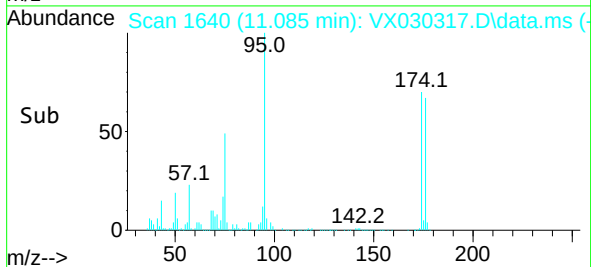
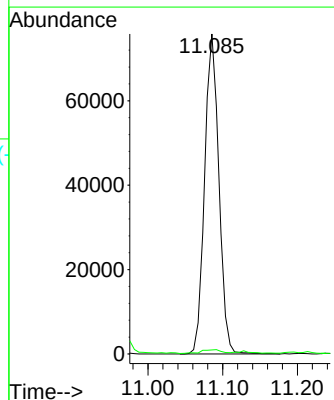
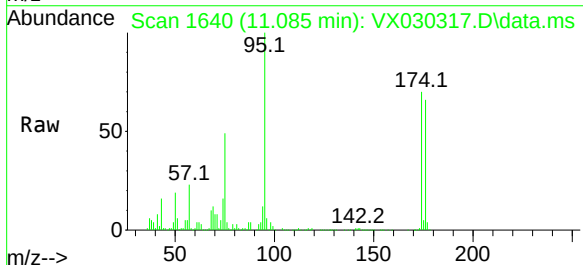
Instrument :
MSVOA_X
ClientSampleId :
DL-3(5-5.5)ME

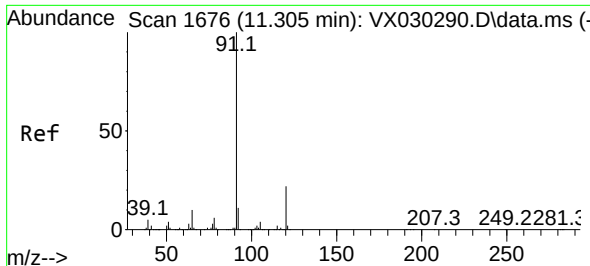
Tgt Ion: 83 Resp: 4351
Ion Ratio Lower Upper
83 100
131 0.0 4.5 13.7#
85 61.4 32.5 97.5



#76
1,2,3-Trichloropropane
Concen: 21.374 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

Tgt Ion: 75 Resp: 100386
Ion Ratio Lower Upper
75 100
77 1.7 19.8 59.3#

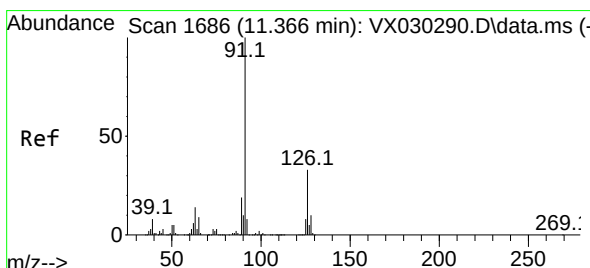
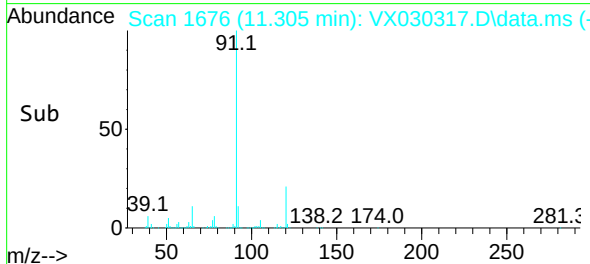
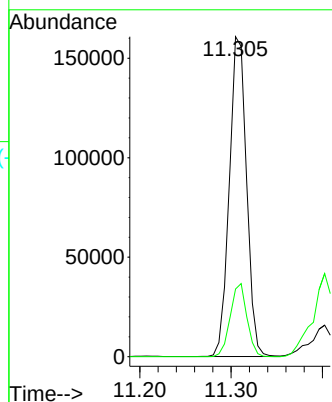
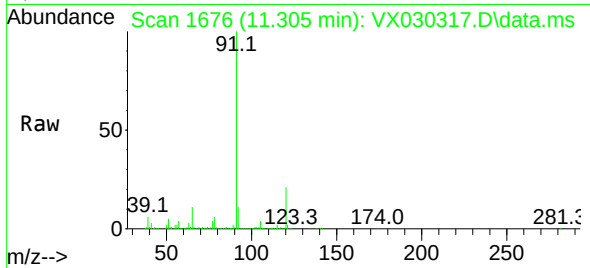




#78
n-propylbenzene
Concen: 12.733 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.005 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

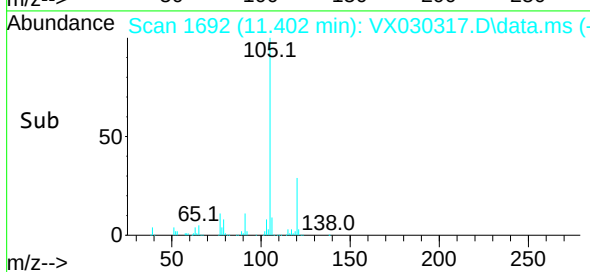
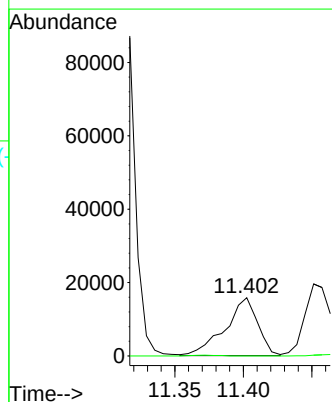
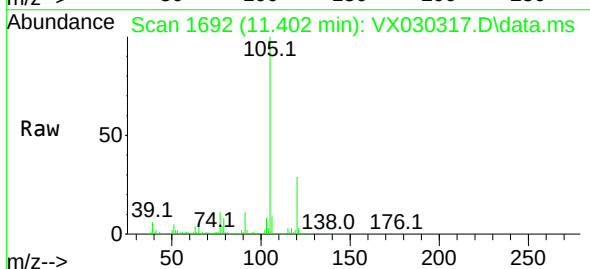
Instrument :
MSVOA_X
ClientSampleId :
DL-3(5-5.5)ME

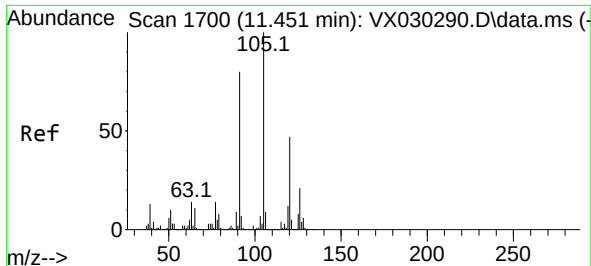
Tgt Ion: 91 Resp: 211390
Ion Ratio Lower Upper
91 100
120 22.1 11.6 34.8



#79
2-Chlorotoluene
Concen: 2.487 ug/l
RT: 11.402 min Scan# 1692
Delta R.T. 0.037 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

Tgt Ion: 91 Resp: 26076
Ion Ratio Lower Upper
91 100
126 0.0 17.4 52.3#

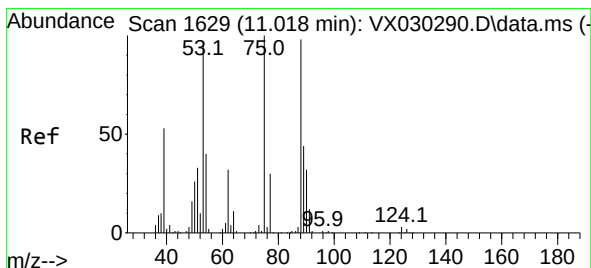
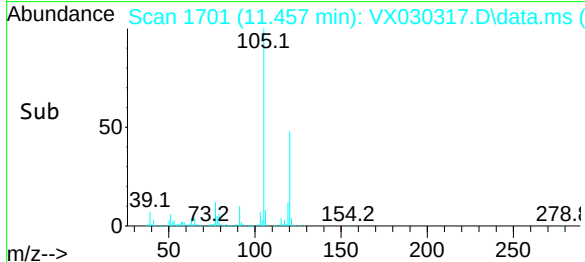
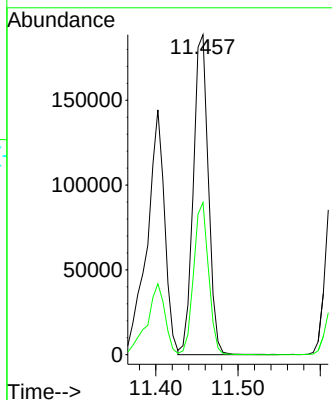
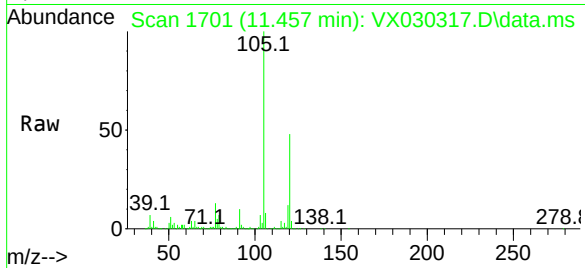




#80
1,3,5-Trimethylbenzene
Concen: 20.579 ug/l
RT: 11.457 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

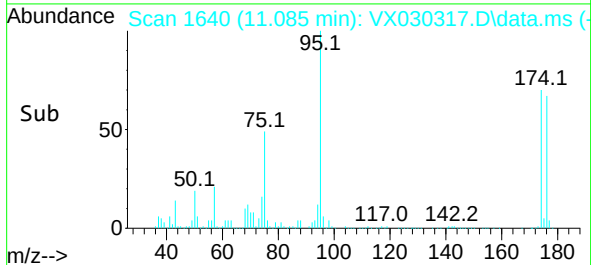
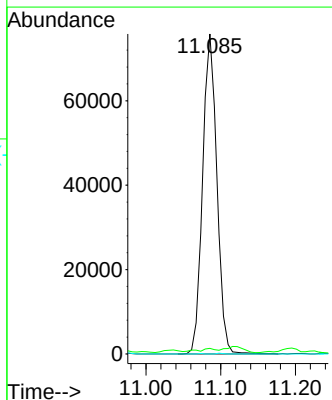
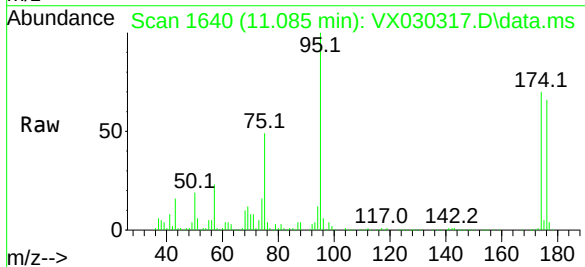
Instrument :
MSVOA_X
ClientSampleId :
DL-3(5-5.5)ME

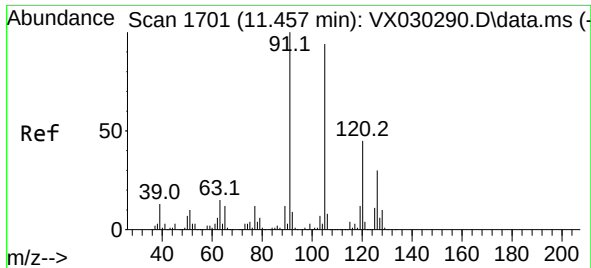
Tgt Ion:105 Resp: 239690
Ion Ratio Lower Upper
105 100
120 47.1 24.4 73.2



#81
trans-1,4-Dichloro-2-butene
Concen: 64.121 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

Tgt Ion: 75 Resp: 100386
Ion Ratio Lower Upper
75 100
53 1.5 74.2 111.4#
89 0.0 34.8 52.2#

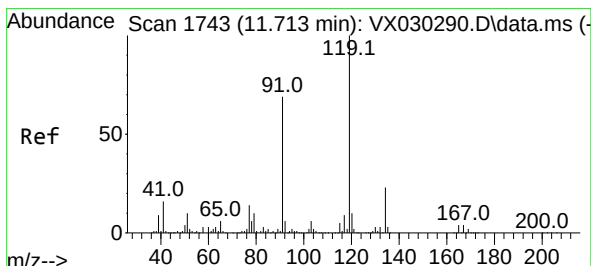
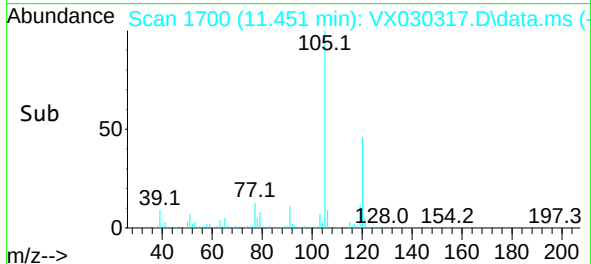
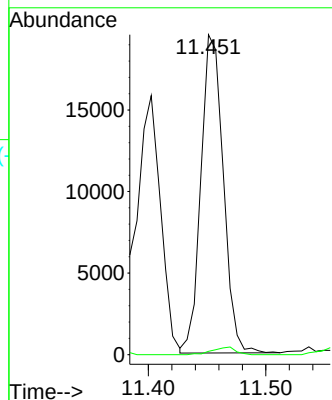
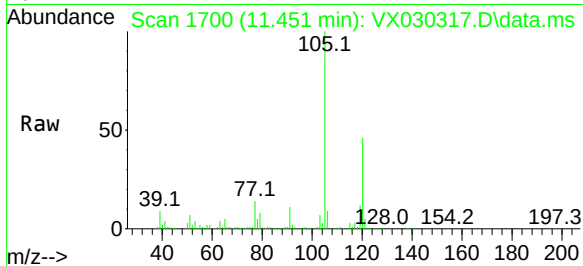




#82
4-Chlorotoluene
Concen: 2.251 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

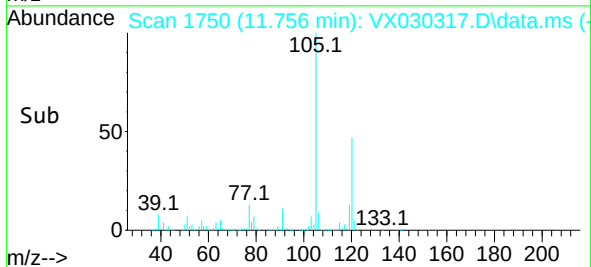
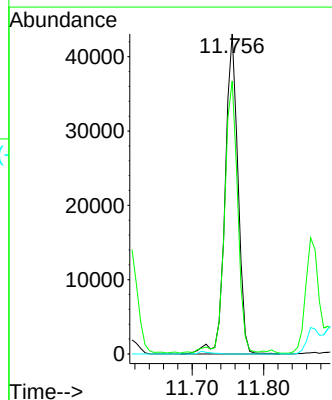
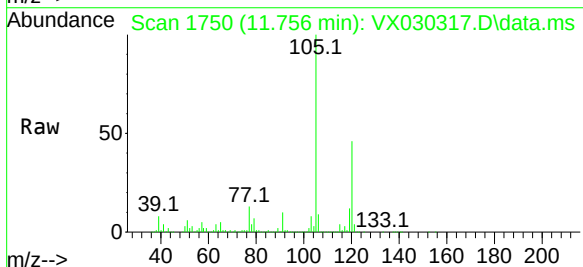
Instrument :
MSVOA_X
ClientSampleId :
DL-3(5-5.5)ME

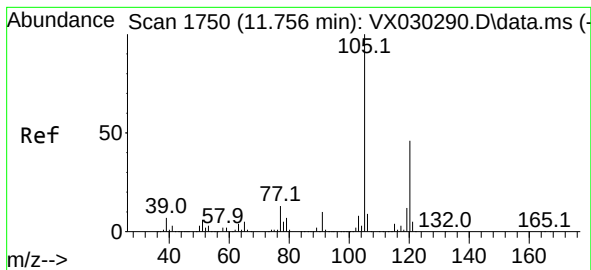
Tgt Ion: 91 Resp: 25781
Ion Ratio Lower Upper
91 100
126 2.5 15.3 45.9#



#83
tert-Butylbenzene
Concen: 4.986 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.037 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

Tgt Ion: 119 Resp: 53825
Ion Ratio Lower Upper
119 100
91 86.9 28.3 84.9#
134 0.0 11.2 33.5#





#84

1,2,4-Trimethylbenzene

Concen: 37.465 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX030317.D

Acq: 01 Aug 2022 13:06

Instrument :

MSVOA_X

ClientSampleId :

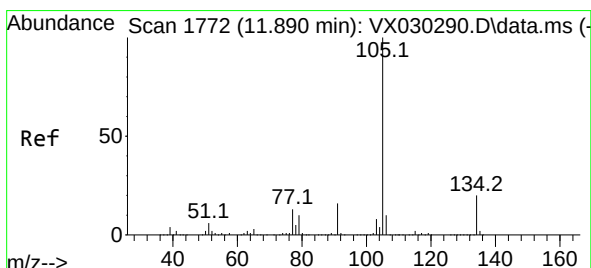
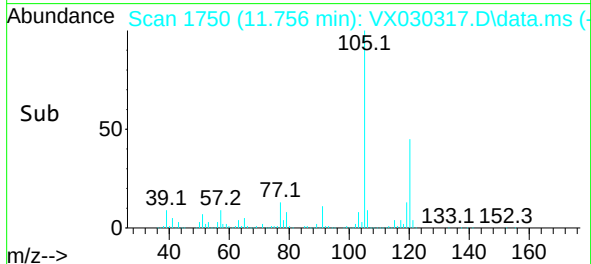
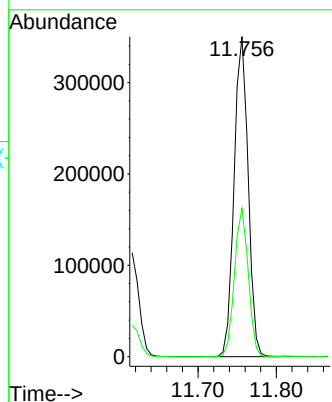
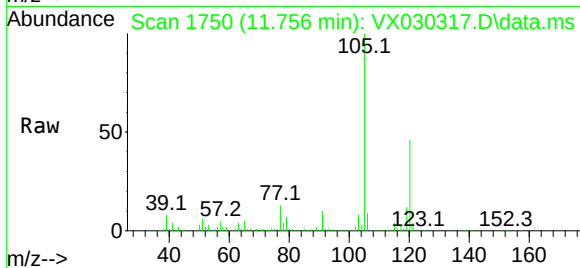
DL-3(5-5.5)ME

Tgt Ion:105 Resp: 435333

Ion Ratio Lower Upper

105 100

120 45.6 22.9 68.8



#85

sec-Butylbenzene

Concen: 1.744 ug/l

RT: 11.896 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VX030317.D

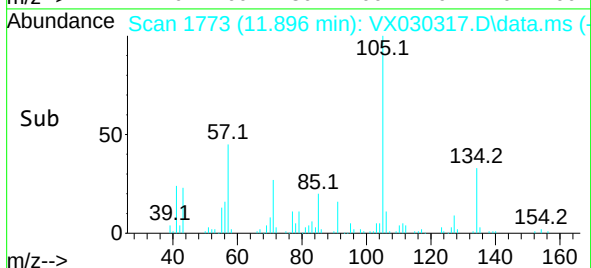
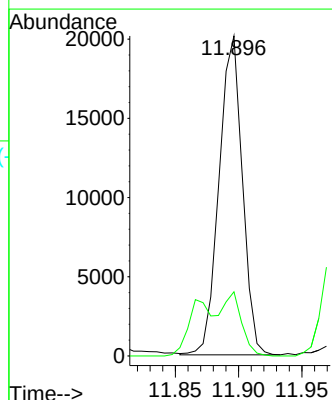
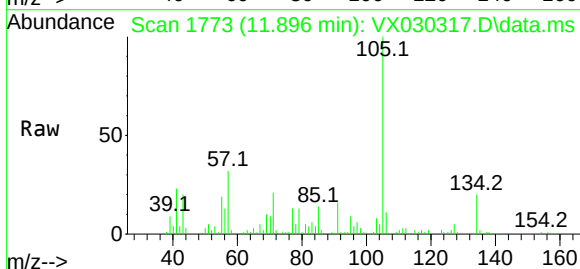
Acq: 01 Aug 2022 13:06

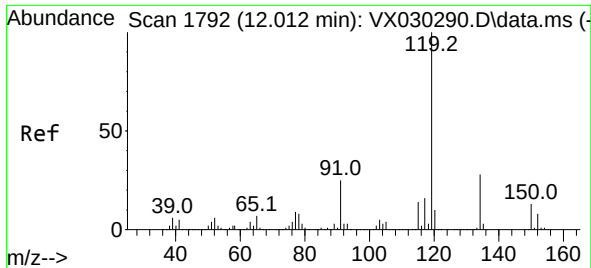
Tgt Ion:105 Resp: 25766

Ion Ratio Lower Upper

105 100

134 14.9 10.0 30.0

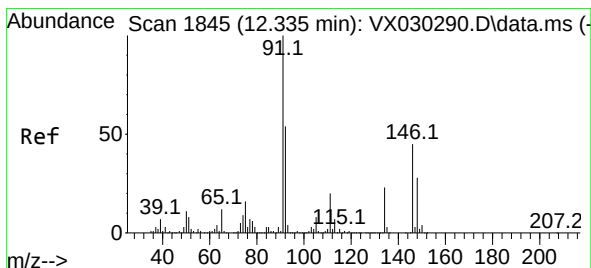
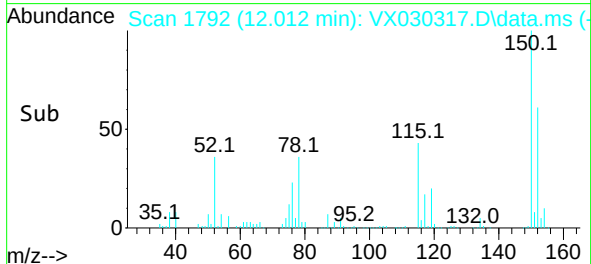
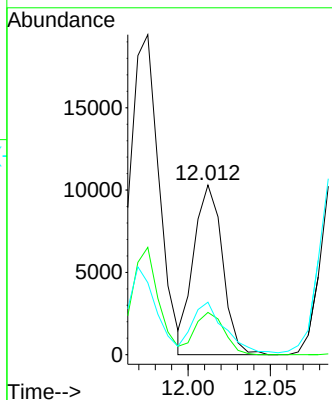
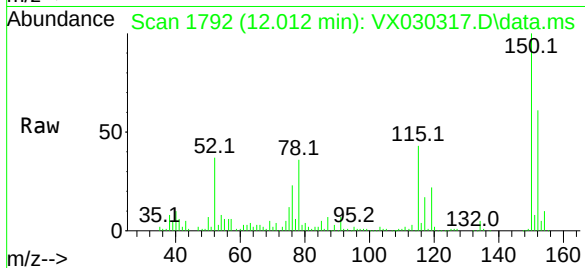




#86
p-Isopropyltoluene
Concen: 1.064 ug/l
RT: 12.012 min Scan# 119
Delta R.T. 0.000 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

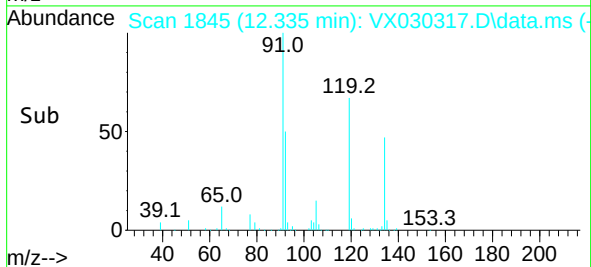
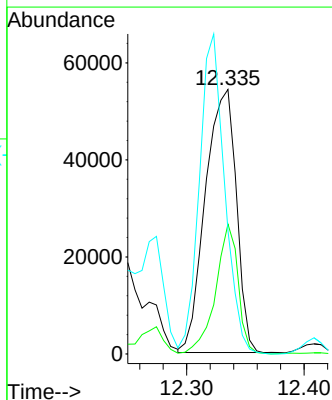
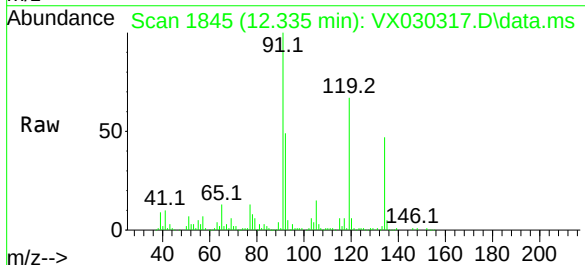
Instrument :
MSVOA_X
ClientSampleId :
DL-3(5-5.5)ME

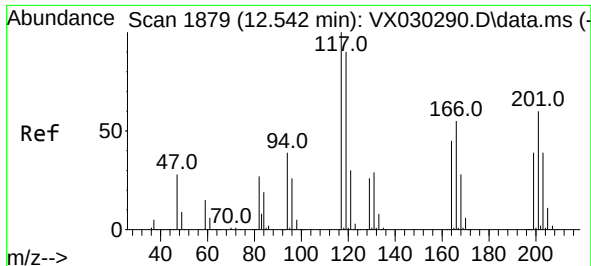
Tgt Ion:119 Resp: 12582
Ion Ratio Lower Upper
119 100
134 25.8 13.9 41.6
91 32.7 11.8 35.3



#89
n-Butylbenzene
Concen: 9.000 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

Tgt Ion: 91 Resp: 99054
Ion Ratio Lower Upper
91 100
92 36.0 26.2 78.5
134 99.4 12.6 37.8#

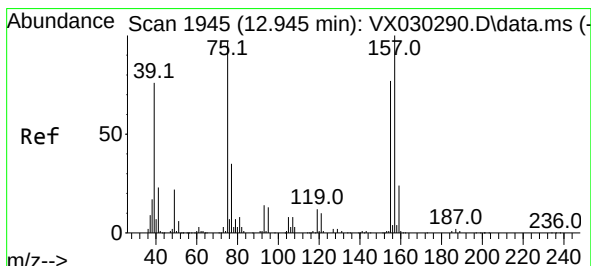
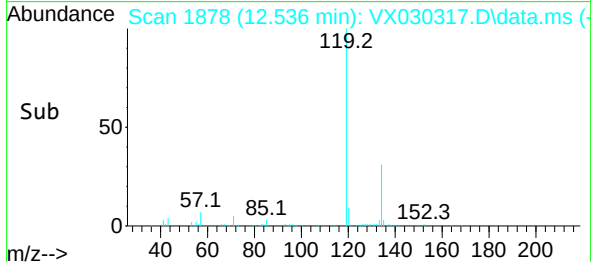
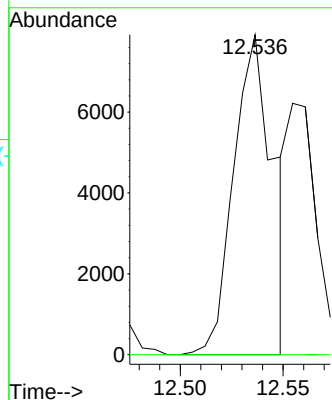
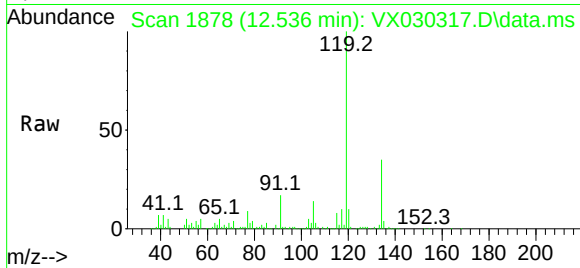




#90
Hexachloroethane
Concen: 5.215 ug/l
RT: 12.536 min Scan# 117
Delta R.T. -0.006 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

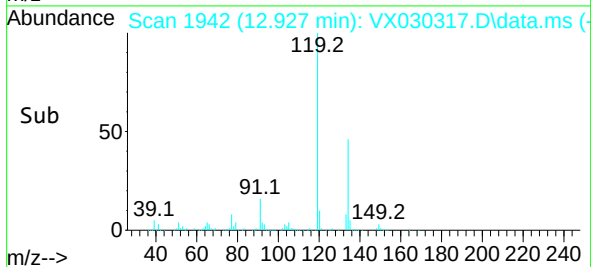
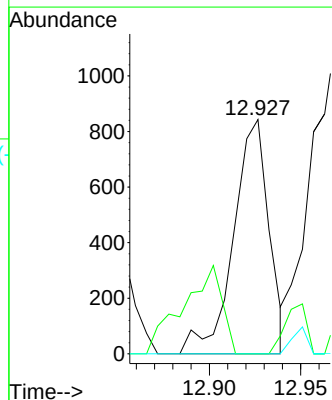
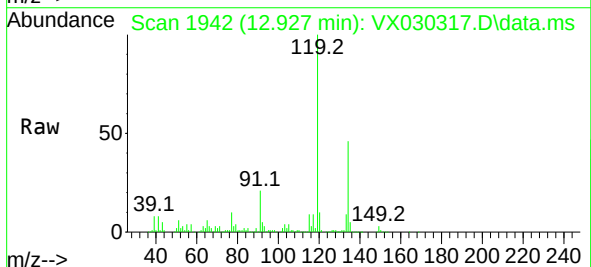
Instrument :
MSVOA_X
ClientSampleId :
DL-3(5-5.5)ME

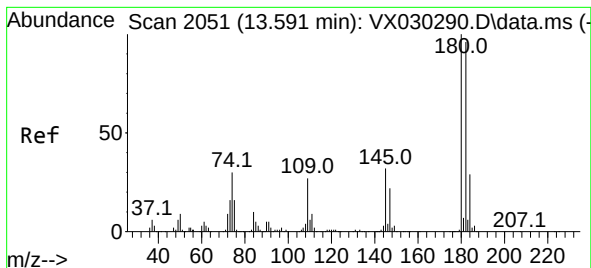
Tgt Ion:117 Resp: 10615
Ion Ratio Lower Upper
117 100
201 0.0 34.2 102.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.933 ug/l
RT: 12.927 min Scan# 1942
Delta R.T. -0.017 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

Tgt Ion: 75 Resp: 1139
Ion Ratio Lower Upper
75 100
155 0.0 45.0 134.8#
157 0.0 56.9 170.7#





#93

1,2,4-Trichlorobenzene

Concen: 0.353 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX030317.D

Acq: 01 Aug 2022 13:06

Instrument :

MSVOA_X

ClientSampleId :

DL-3(5-5.5)ME

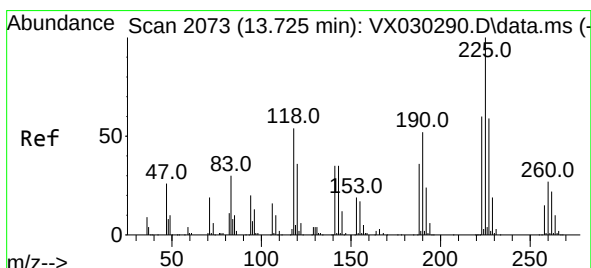
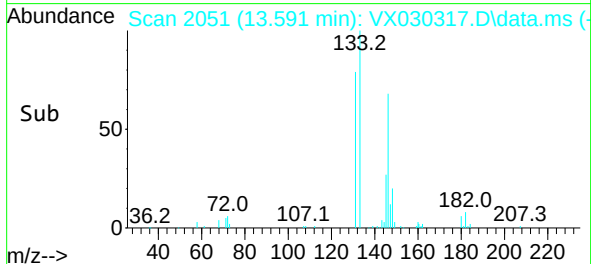
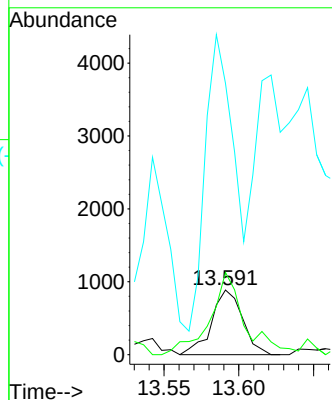
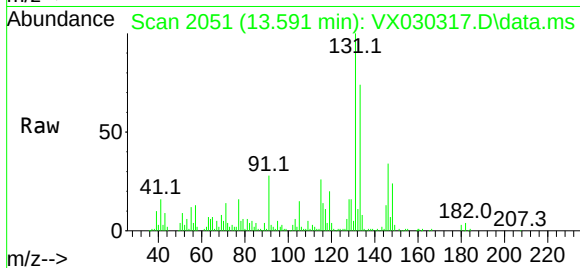
Tgt Ion:180 Resp: 1277

Ion Ratio Lower Upper

180 100

182 143.5 48.2 144.6

145 426.0 15.9 47.6#



#94

Hexachlorobutadiene

Concen: 0.522 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX030317.D

Acq: 01 Aug 2022 13:06

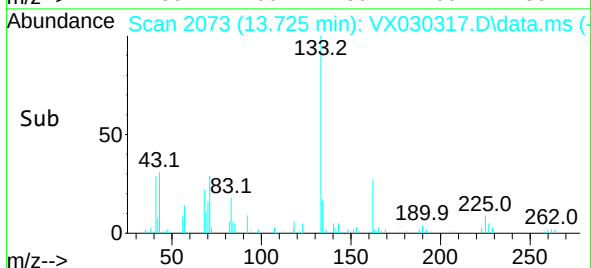
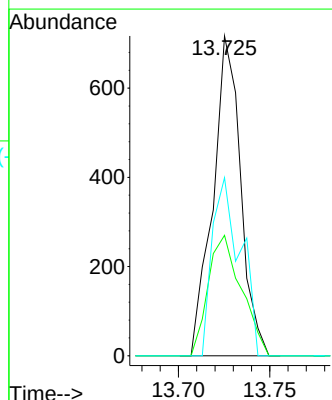
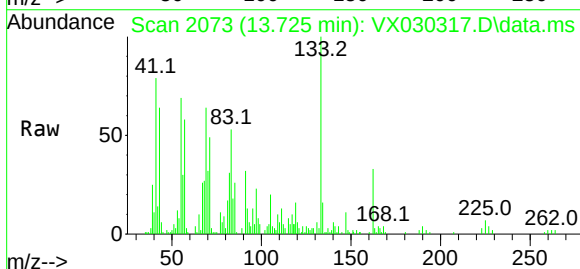
Tgt Ion:225 Resp: 757

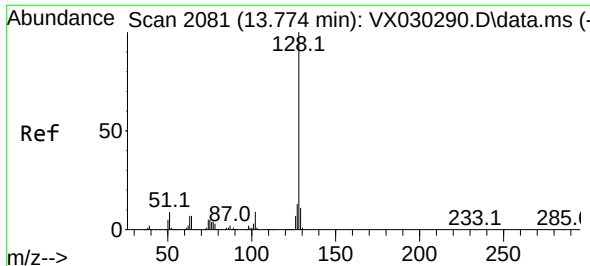
Ion Ratio Lower Upper

225 100

223 45.2 30.6 91.6

227 56.7 31.9 95.9

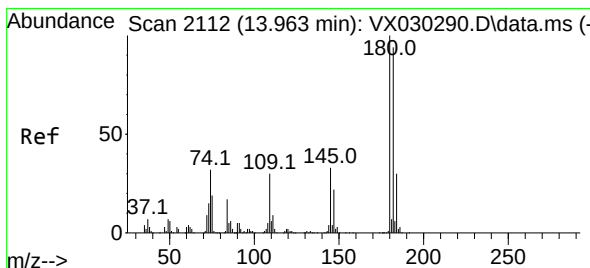
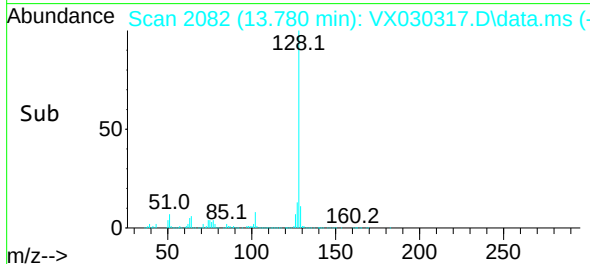
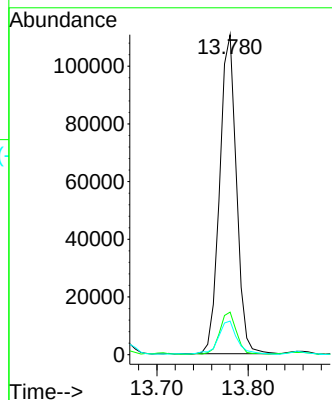
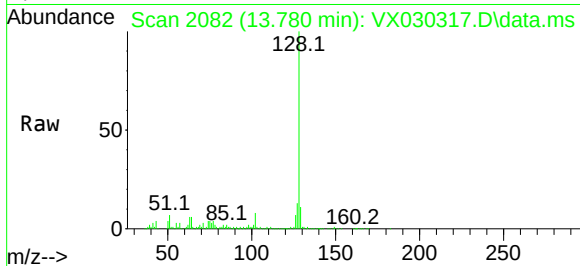




#95
Naphthalene
Concen: 9.998 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

Instrument :
MSVOA_X
ClientSampleId :
DL-3(5-5.5)ME

Tgt Ion:128 Resp: 141138
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 11.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.278 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.001 min
Lab File: VX030317.D
Acq: 01 Aug 2022 13:06

Tgt Ion:180 Resp: 1030
Ion Ratio Lower Upper
180 100
182 124.0 47.0 141.0
145 683.3 17.0 50.9#

