

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062722\
 Data File : VX029816.D
 Acq On : 27 Jun 2022 13:45
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 28 10:13:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 15:32:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	191982	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	408294	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	352186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153126	51.483	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.960%	
35) Dibromofluoromethane	5.391	113	126835	48.357	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.720%	
50) Toluene-d8	8.653	98	506880	49.349	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.700%	
62) 4-Bromofluorobenzene	11.085	95	166564	44.343	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.680%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	1030	0.429	ug/l	80
3) Chloromethane	1.288	50	981	0.367	ug/l	91
4) Vinyl Chloride	1.373	62	993	0.352	ug/l	# 66
5) Bromomethane	1.611	94	767	Below Cal		85
7) Trichlorofluoromethane	1.886	101	1186	0.370	ug/l	# 75
9) 1,1,2-Trichlorotrifluo...	2.324	101	1121	0.493	ug/l	96
10) Methyl Iodide	2.459	142	1659	0.636	ug/l	# 96
11) Tert butyl alcohol	2.946	59	6796	Below Cal		# 74
12) 1,1-Dichloroethene	2.324	96	844	0.361	ug/l	83
13) Acrolein	2.239	56	785	1.508	ug/l	87
14) Allyl chloride	2.660	41	1248	0.292	ug/l	# 73
15) Acrylonitrile	3.080	53	1967	1.124	ug/l	# 78
16) Acetone	2.385	43	2346	1.654	ug/l	# 77
17) Carbon Disulfide	2.513	76	9940	1.650	ug/l	95
20) Methylene Chloride	2.800	84	2024	0.690	ug/l	# 72
21) trans-1,2-Dichloroethene	3.087	96	1902	0.759	ug/l	# 68
23) Vinyl Acetate	3.745	43	3125	0.421	ug/l	# 92
25) 2-Butanone	4.592	43	2304	0.957	ug/l	# 44
29) Tetrahydrofuran	5.037	42	494	0.308	ug/l	# 58
31) Cyclohexane	5.482	56	1744	0.394	ug/l	# 80
36) 1,1-Dichloropropene	5.696	75	1265	0.329	ug/l	# 89
38) Carbon Tetrachloride	5.671	117	647	0.208	ug/l	# 78
39) Methylcyclohexane	7.385	83	1954	0.419	ug/l	# 76
42) 1,2-Dichloroethane	6.098	62	809	0.208	ug/l	89
44) Trichloroethene	7.135	130	3364	1.137	ug/l	93
46) Dibromomethane	7.592	93	683	0.335	ug/l	# 78
49) 1,4-Dioxane	7.702	88	33	0.382	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.573	43	973	0.204	ug/l	88
53) t-1,3-Dichloropropene	8.988	75	1122	0.285	ug/l	# 87
54) cis-1,3-Dichloropropene	8.378	75	1006	0.218	ug/l	98
59) 2-Hexanone	9.439	43	1286	0.347	ug/l	77
64) Tetrachloroethene	9.274	164	1252	0.616	ug/l	# 80
65) Chlorobenzene	10.085	112	1853	0.250	ug/l	# 79
67) Ethyl Benzene	10.201	91	3387	0.252	ug/l	100
68) m/p-Xylenes	10.305	106	2623	0.520	ug/l	100
69) o-Xylene	10.646	106	1040	0.208	ug/l	95

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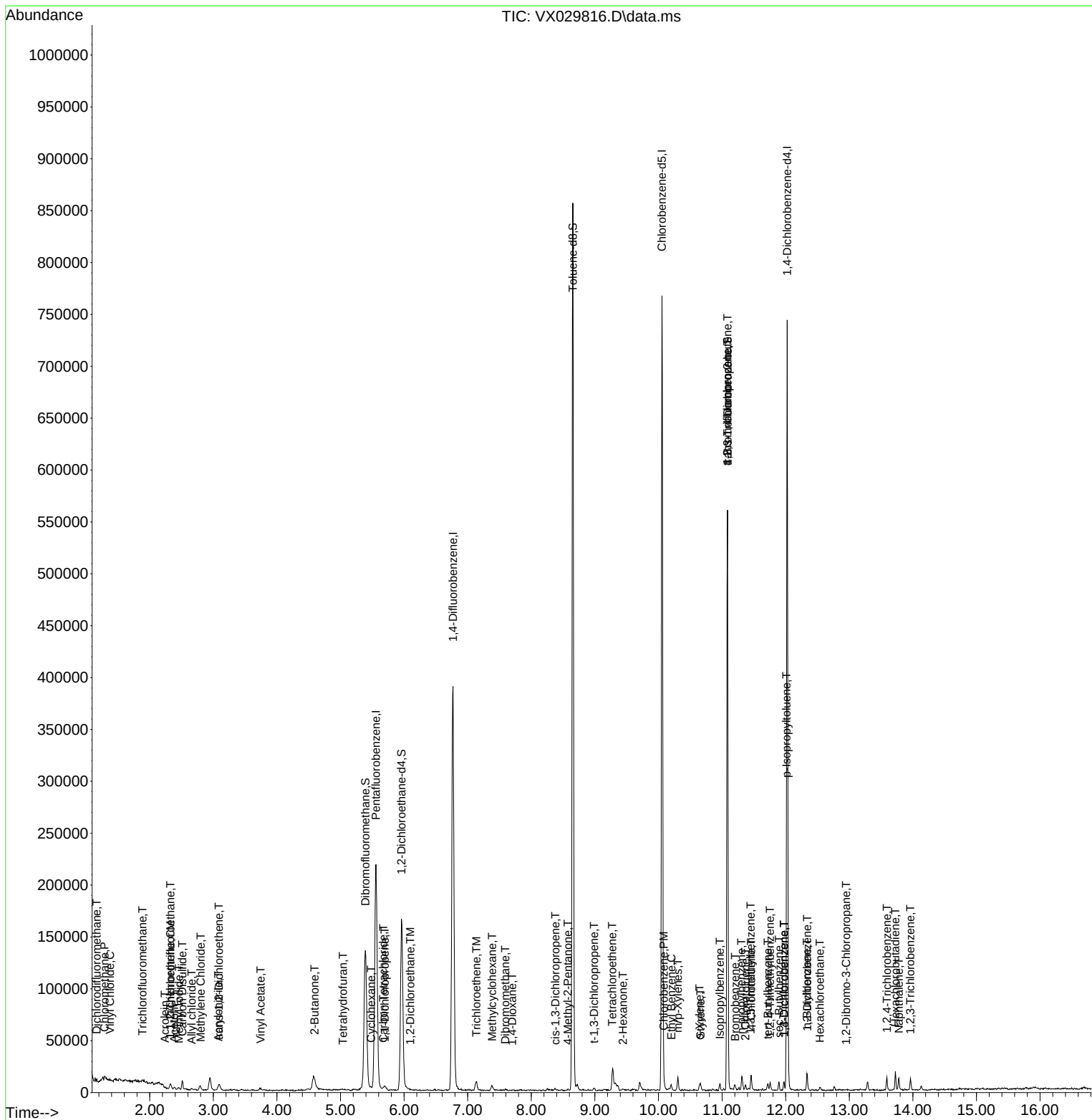
Quant Time: Jun 28 10:13:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062722W.M
 Quant Title : SW846 8260
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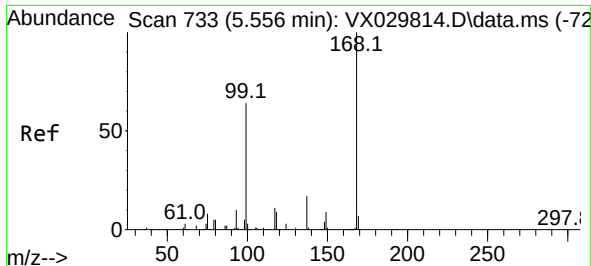
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

70) Styrene	10.658	104	2206	0.269	ug/l	95
73) Isopropylbenzene	10.963	105	2877	0.245	ug/l	93
76) 1,2,3-Trichloropropane	11.085	75	77517	19.323	ug/l #	39
77) Bromobenzene	11.207	156	854	0.331	ug/l	74
78) n-propylbenzene	11.305	91	5543	0.390	ug/l	93
79) 2-Chlorotoluene	11.366	91	2736	0.320	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	3139	0.320	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.085	75	77517	58.769	ug/l #	15
82) 4-Chlorotoluene	11.457	91	4139	0.424	ug/l	96
83) tert-Butylbenzene	11.719	119	2246	0.236	ug/l #	72
84) 1,2,4-Trimethylbenzene	11.756	105	3099	0.313	ug/l	96
85) sec-Butylbenzene	11.896	105	4275	0.346	ug/l	100
86) p-Isopropyltoluene	12.012	119	3671	0.375	ug/l #	74
87) 1,3-Dichlorobenzene	11.975	146	2480	0.501	ug/l	92
88) 1,4-Dichlorobenzene	11.975	146	2480	0.494	ug/l	91
89) n-Butylbenzene	12.335	91	4893	0.534	ug/l	94
90) Hexachloroethane	12.536	117	497	0.336	ug/l #	54
91) 1,2-Dichlorobenzene	12.341	146	1716	0.348	ug/l	84
92) 1,2-Dibromo-3-Chloropr...	12.951	75	211	0.202	ug/l #	55
93) 1,2,4-Trichlorobenzene	13.591	180	2549	0.894	ug/l	89
94) Hexachlorobutadiene	13.725	225	1954	1.908	ug/l	94
95) Naphthalene	13.780	128	7553	0.625	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	2337	0.811	ug/l	91

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

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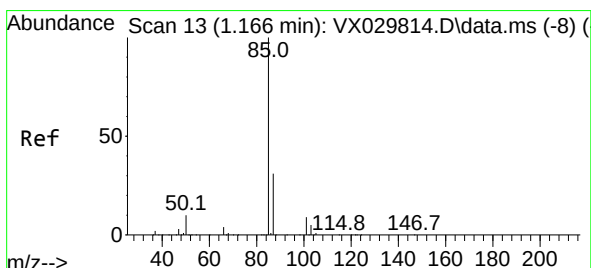
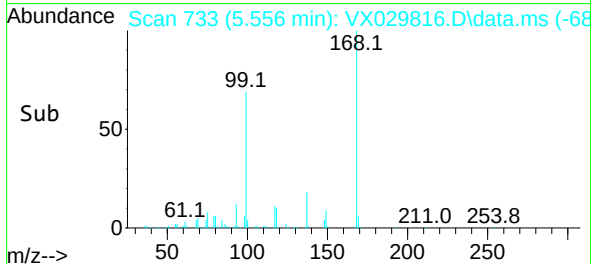
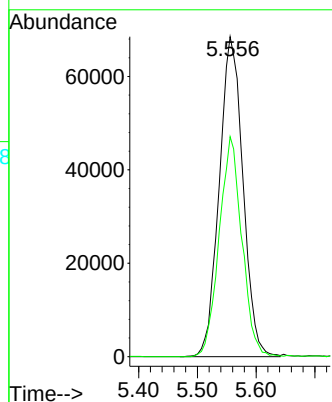
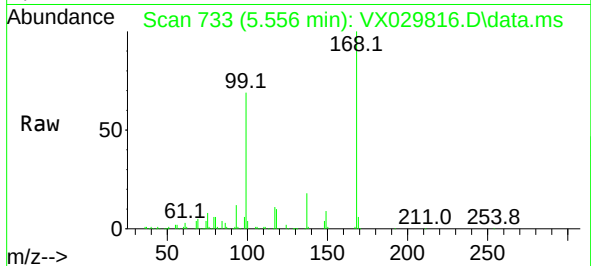




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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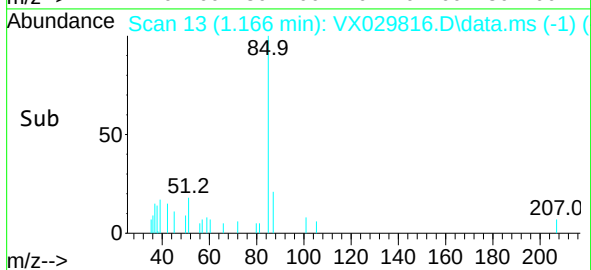
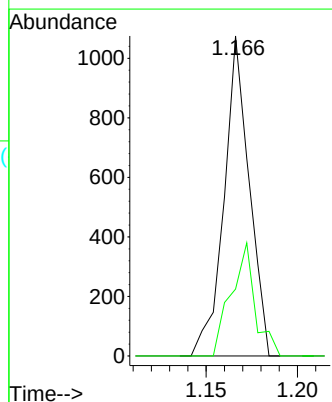
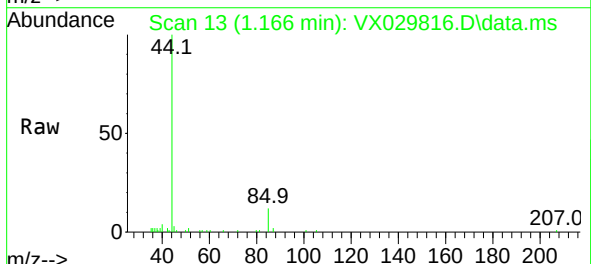
Instrument :
MSVOA_X
ClientSampleId :

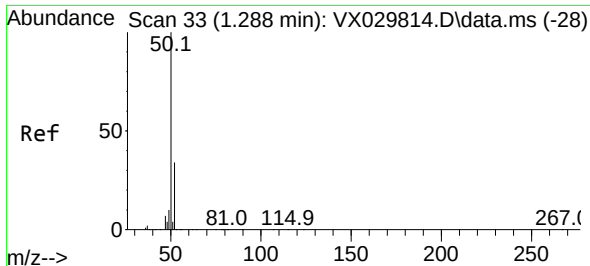
Tgt Ion:168 Resp: 191982
Ion Ratio Lower Upper
168 100
99 68.8 41.7 62.5#



#2
Dichlorodifluoromethane
Concen: 0.429 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

Tgt Ion: 85 Resp: 1030
Ion Ratio Lower Upper
85 100
87 20.9 16.2 48.6

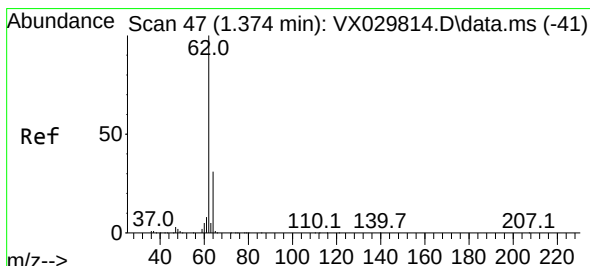
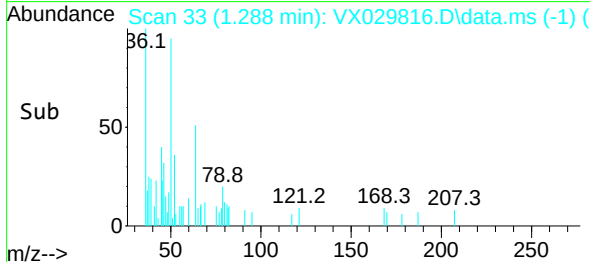
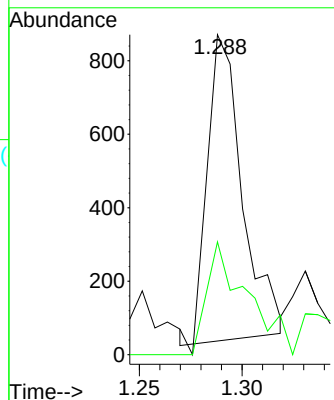
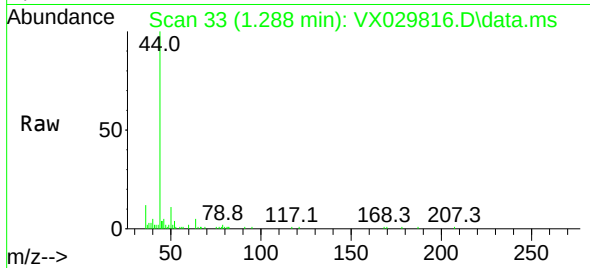




#3
Chloromethane
Concen: 0.367 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

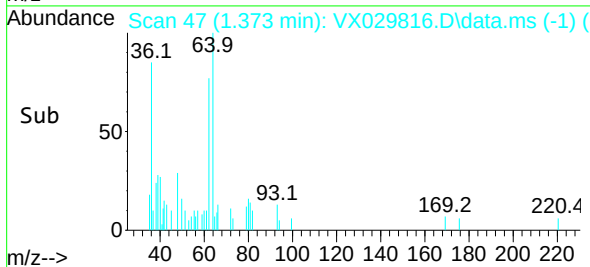
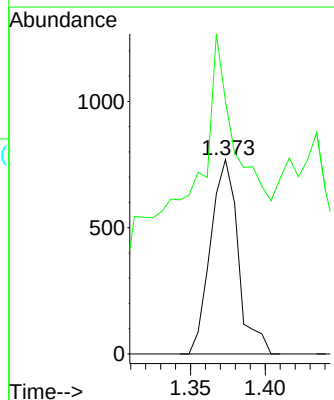
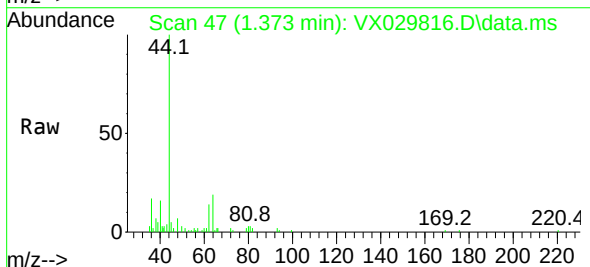
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MSVOA_X
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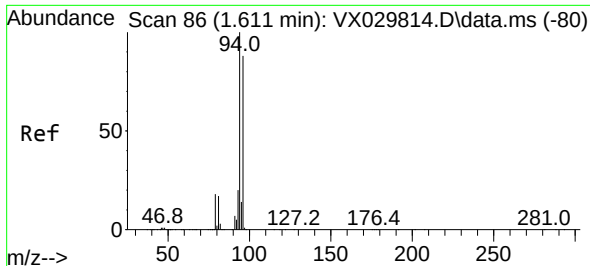
Tgt Ion: 50 Resp: 981
Ion Ratio Lower Upper
50 100
52 38.3 26.4 39.6



#4
Vinyl Chloride
Concen: 0.352 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

Tgt Ion: 62 Resp: 993
Ion Ratio Lower Upper
62 100
64 50.8 25.5 38.3

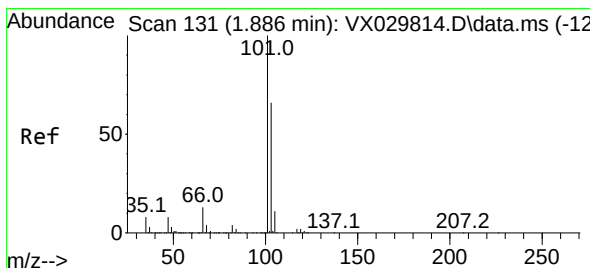
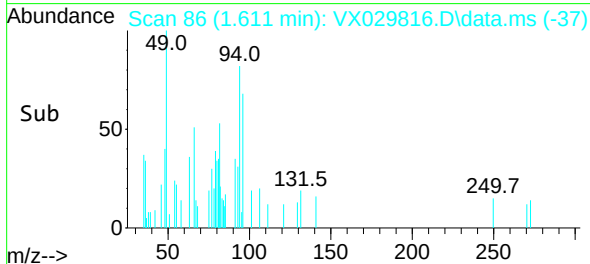
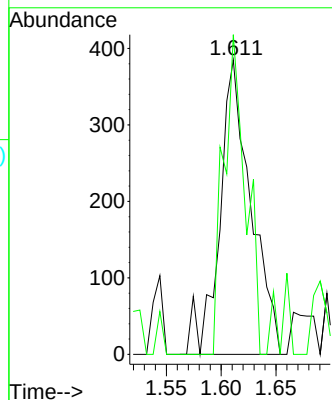
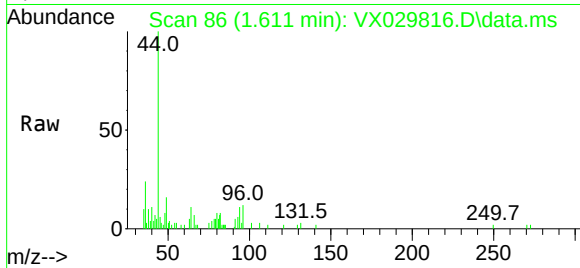




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

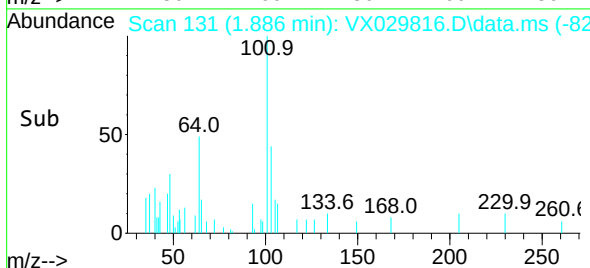
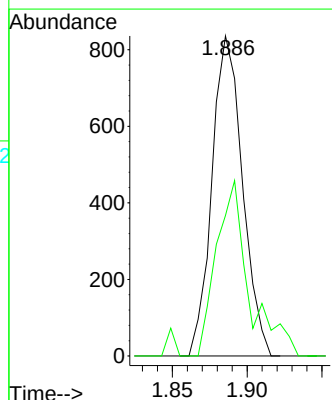
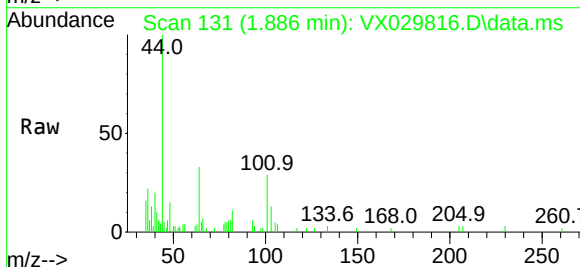
Instrument :
MSVOA_X
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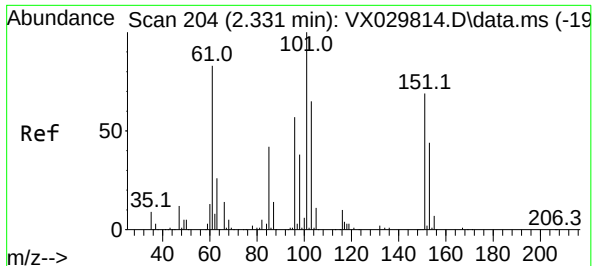
Tgt Ion: 94 Resp: 767
Ion Ratio Lower Upper
94 100
96 108.6 75.3 112.9



#7
Trichlorofluoromethane
Concen: 0.370 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

Tgt Ion:101 Resp: 1186
Ion Ratio Lower Upper
101 100
103 43.9 50.5 75.7#

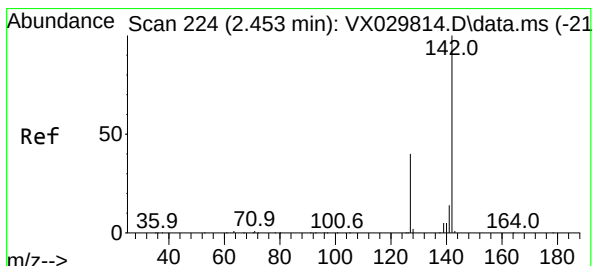
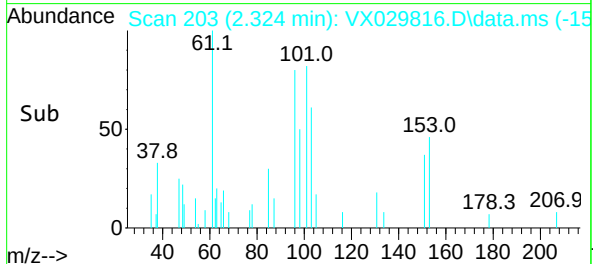
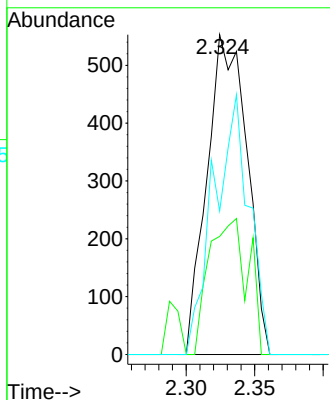
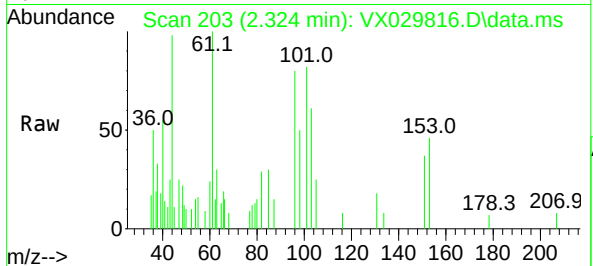




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.493 ug/l
RT: 2.324 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

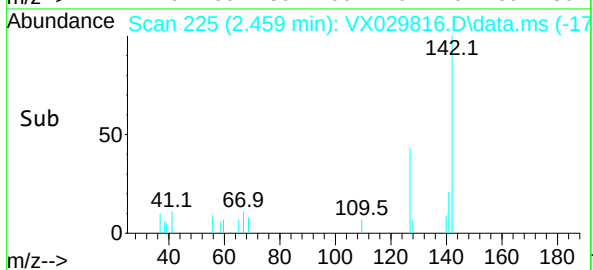
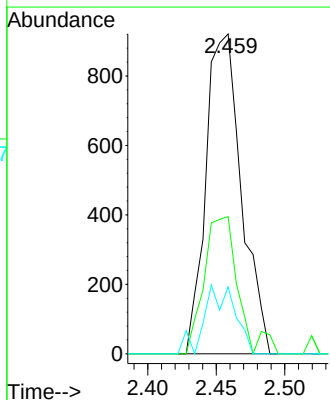
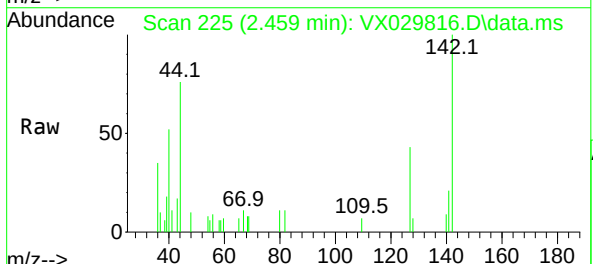
Instrument :
MSVOA_X
ClientSampleId :

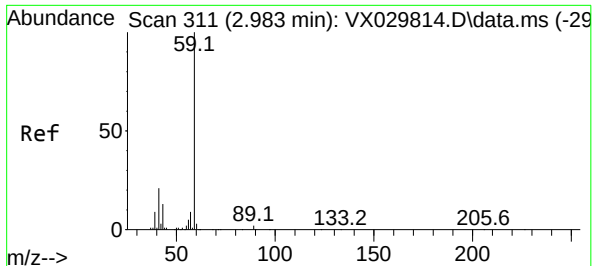
Tgt Ion:101	Resp:	1121
Ion	Ratio	Lower Upper
101	100	
85	41.5	33.5 50.3
151	71.9	61.8 92.6



#10
Methyl Iodide
Concen: 0.636 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

Tgt Ion:142	Resp:	1659
Ion	Ratio	Lower Upper
142	100	
127	41.2	33.9 50.9
141	18.6	11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.946 min Scan# 30

Delta R.T. -0.037 min

Lab File: VX029816.D

Acq: 27 Jun 2022 13:45

Instrument :

MSVOA_X

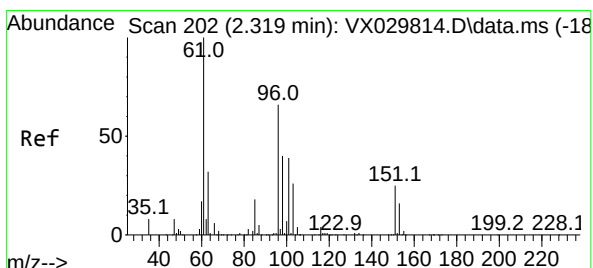
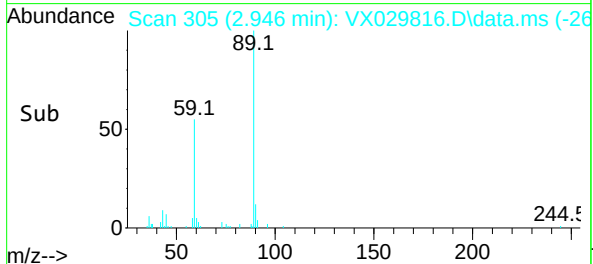
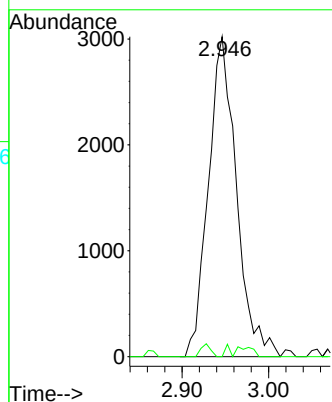
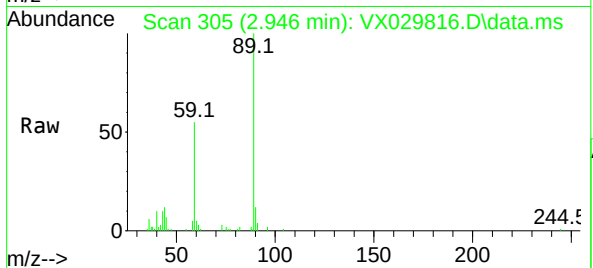
ClientSampleId :

Tgt Ion: 59 Resp: 6796

Ion Ratio Lower Upper

59 100

57 0.6 8.3 12.5#



#12

1,1-Dichloroethene

Concen: 0.361 ug/l

RT: 2.324 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX029816.D

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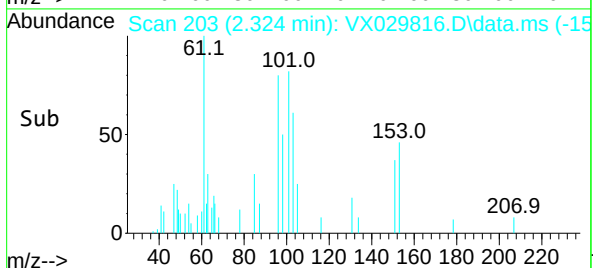
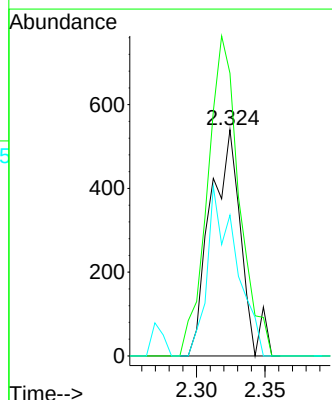
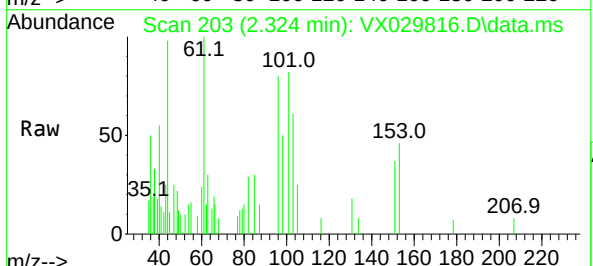
Tgt Ion: 96 Resp: 844

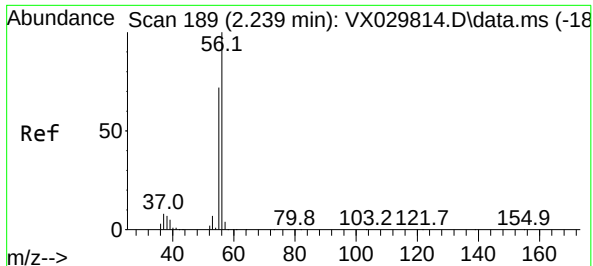
Ion Ratio Lower Upper

96 100

61 125.0 124.6 187.0

98 62.2 51.0 76.4

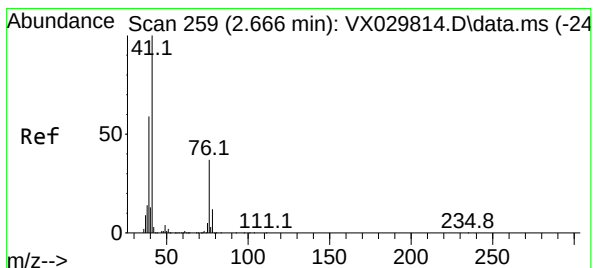
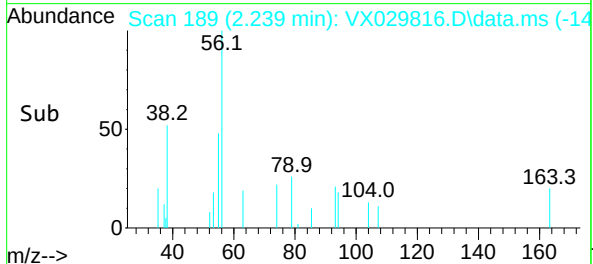
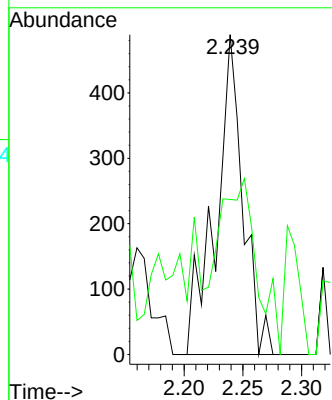
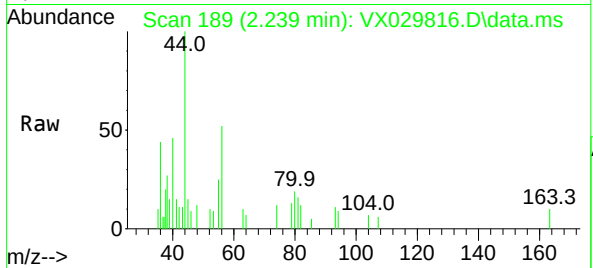




#13
Acrolein
Concen: 1.508 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

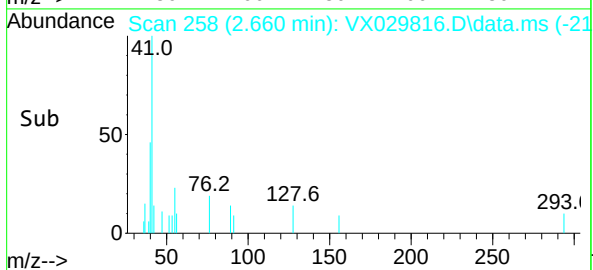
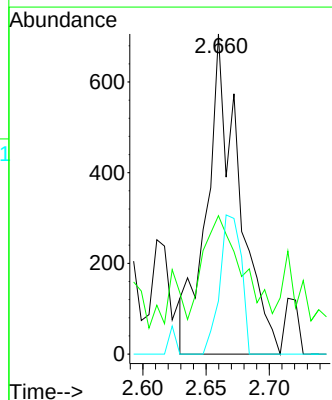
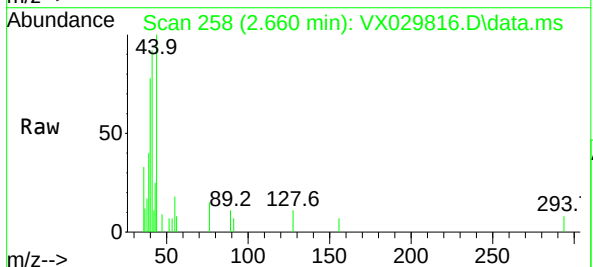
Instrument :
MSVOA_X
ClientSampleId :

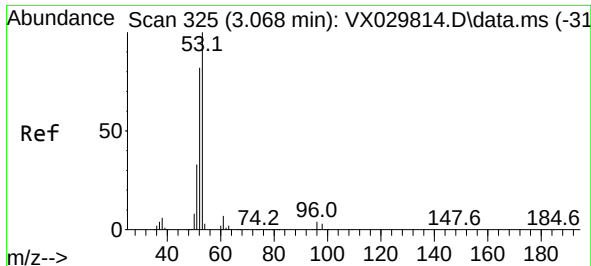
Tgt Ion: 56 Resp: 785
Ion Ratio Lower Upper
56 100
55 58.5 55.0 82.6



#14
Allyl chloride
Concen: 0.292 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

Tgt Ion: 41 Resp: 1248
Ion Ratio Lower Upper
41 100
39 37.7 50.4 75.6#
76 28.9 32.7 49.1#





#15

Acrylonitrile

Concen: 1.124 ug/l

RT: 3.080 min Scan# 31

Delta R.T. 0.012 min

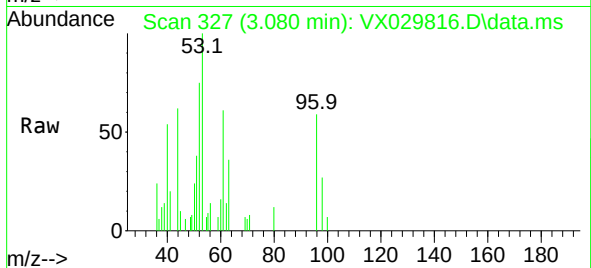
Lab File: VX029816.D

Acq: 27 Jun 2022 13:45

Instrument :

MSVOA_X

ClientSampleId :



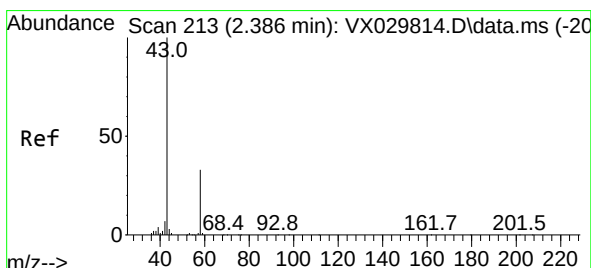
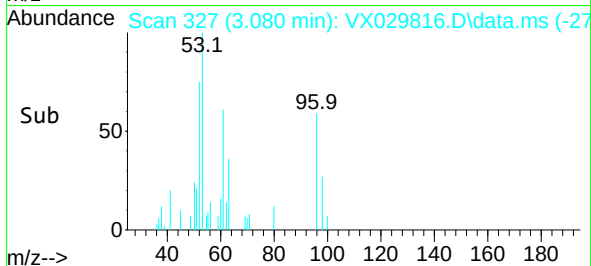
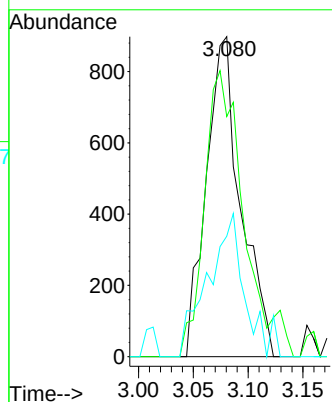
Tgt Ion: 53 Resp: 1967

Ion Ratio Lower Upper

53 100

52 101.9 65.7 98.5#

51 47.8 28.4 42.6#



#16

Acetone

Concen: 1.654 ug/l

RT: 2.385 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX029816.D

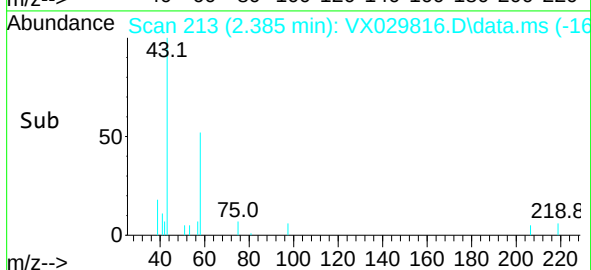
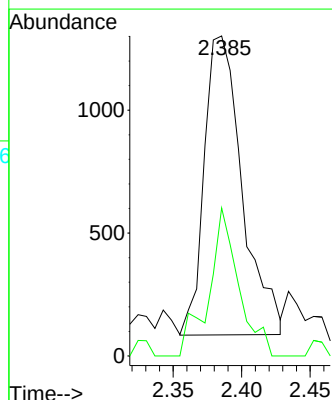
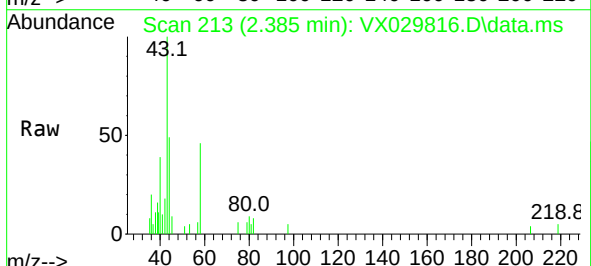
Acq: 27 Jun 2022 13:45

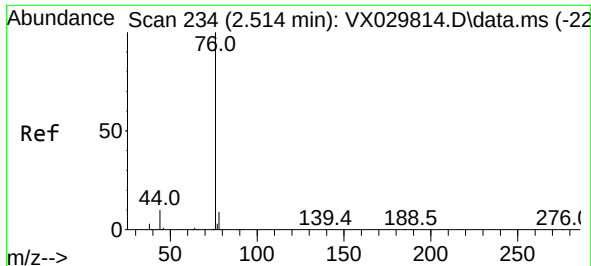
Tgt Ion: 43 Resp: 2346

Ion Ratio Lower Upper

43 100

58 49.5 28.8 43.2#

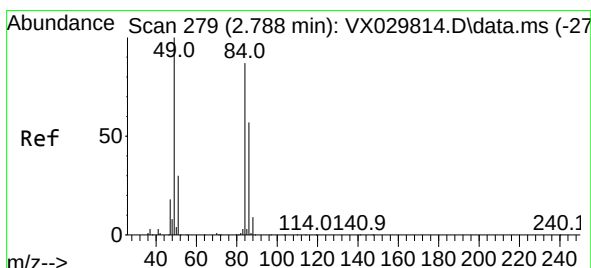
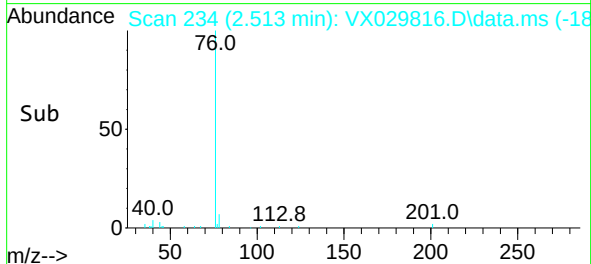
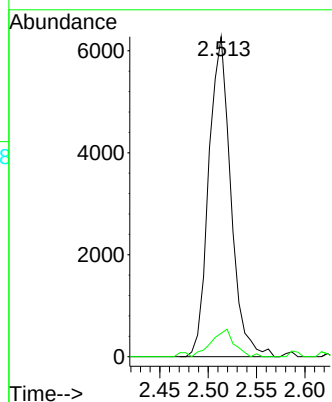
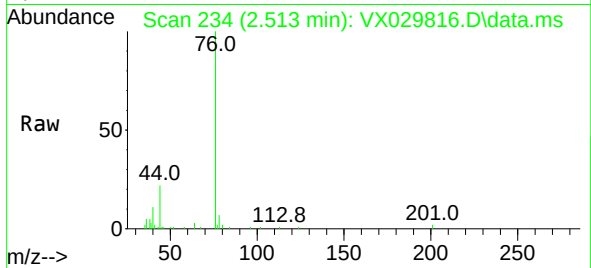




#17
Carbon Disulfide
Concen: 1.650 ug/l
RT: 2.513 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

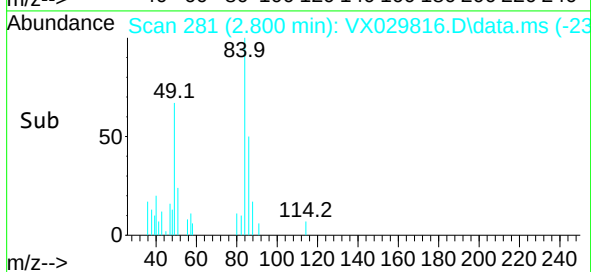
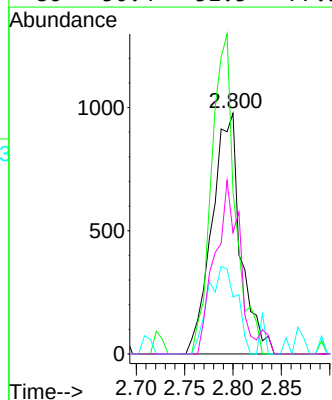
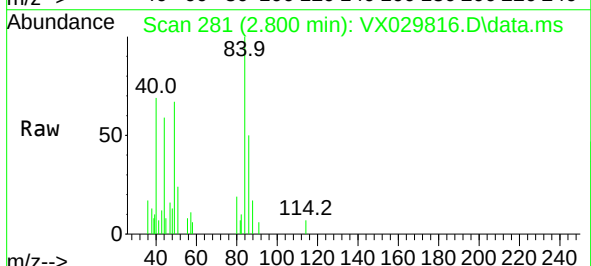
Instrument :
MSVOA_X
ClientSampleId :

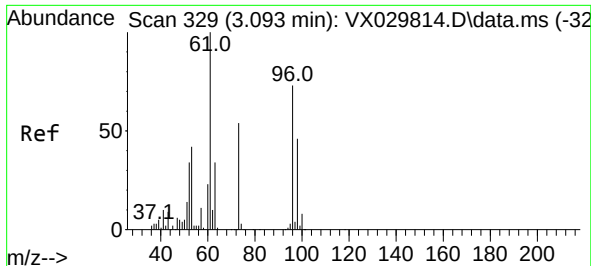
Tgt Ion: 76 Resp: 9940
Ion Ratio Lower Upper
76 100
78 7.3 7.2 10.8



#20
Methylene Chloride
Concen: 0.690 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

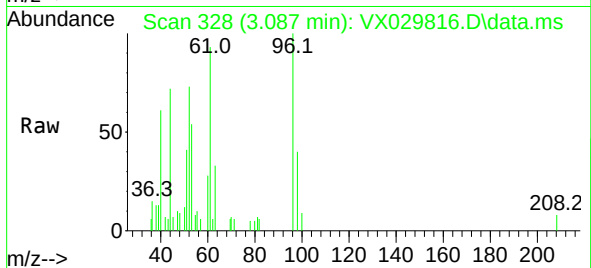
Tgt Ion: 84 Resp: 2024
Ion Ratio Lower Upper
84 100
49 67.5 85.5 128.3#
51 23.6 26.6 39.8#
86 50.4 51.5 77.3#



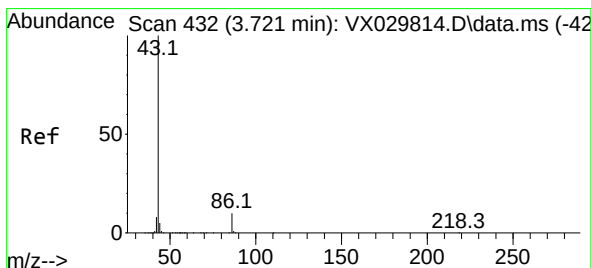
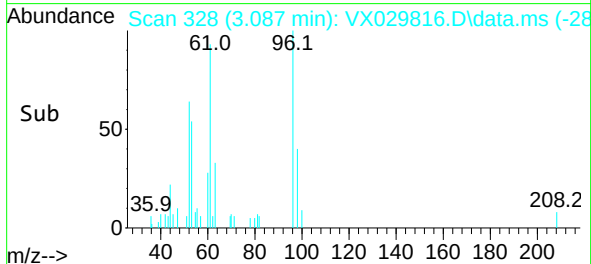
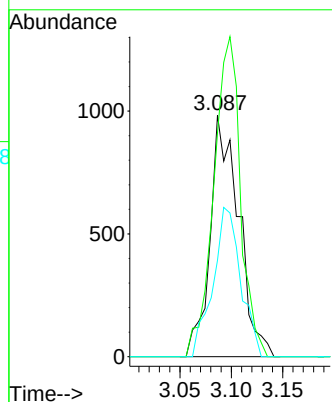


#21
trans-1,2-Dichloroethene
Concen: 0.759 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

Instrument :
MSVOA_X
ClientSampleId :

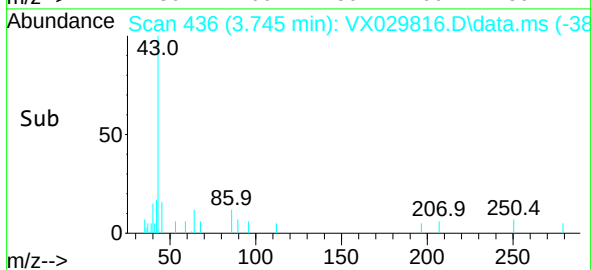
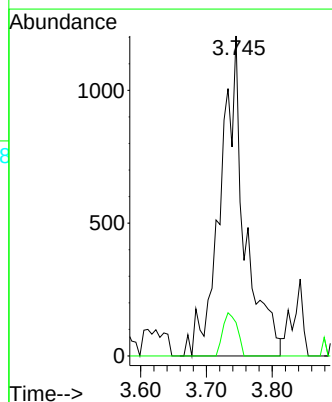
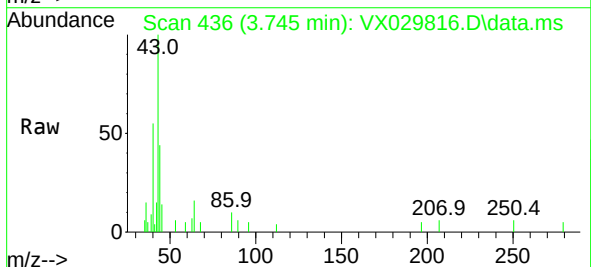


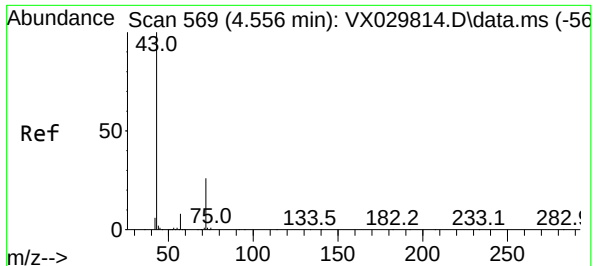
Tgt Ion: 96 Resp: 1902
Ion Ratio Lower Upper
96 100
61 92.7 105.4 158.2#
98 39.9 50.0 75.0#



#23
Vinyl Acetate
Concen: 0.421 ug/l
RT: 3.745 min Scan# 436
Delta R.T. 0.024 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

Tgt Ion: 43 Resp: 3125
Ion Ratio Lower Upper
43 100
86 10.5 10.8 16.2#





#25

2-Butanone

Concen: 0.957 ug/l

RT: 4.592 min Scan# 51

Delta R.T. 0.036 min

Lab File: VX029816.D

Acq: 27 Jun 2022 13:45

Instrument :

MSVOA_X

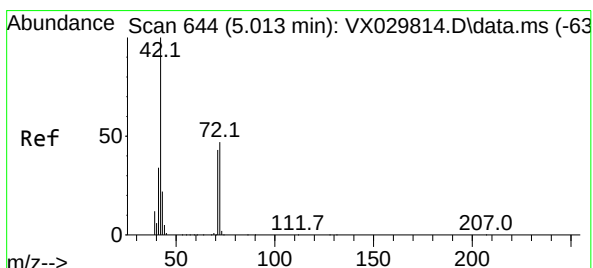
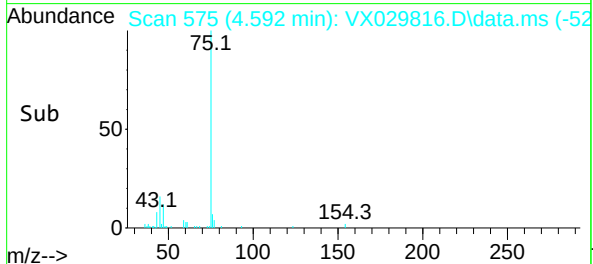
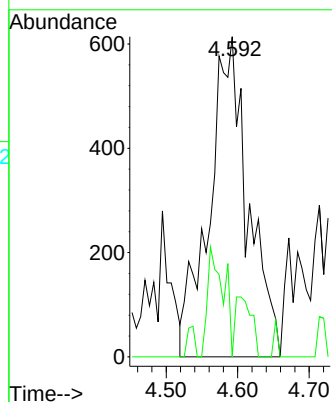
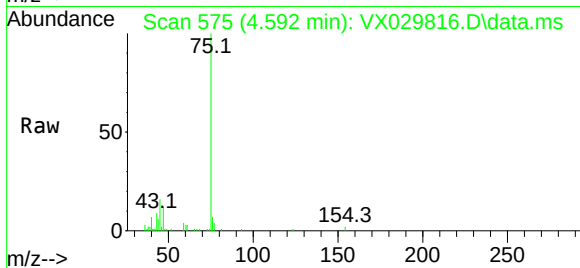
ClientSampleId :

Tgt Ion: 43 Resp: 2304

Ion Ratio Lower Upper

43 100

72 0.0 24.4 36.6#



#29

Tetrahydrofuran

Concen: 0.308 ug/l

RT: 5.037 min Scan# 648

Delta R.T. 0.024 min

Lab File: VX029816.D

Acq: 27 Jun 2022 13:45

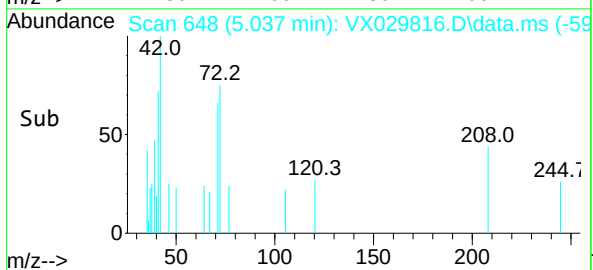
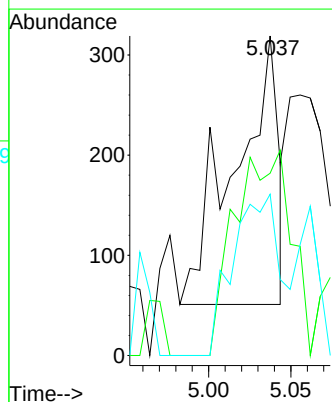
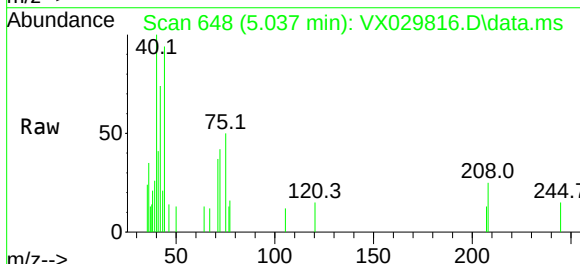
Tgt Ion: 42 Resp: 494

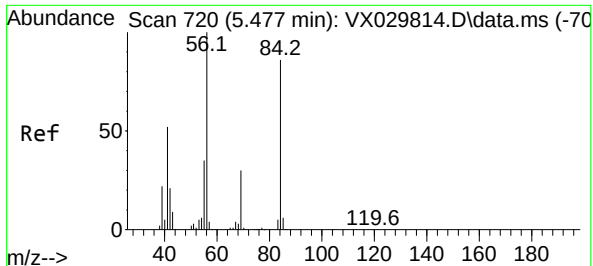
Ion Ratio Lower Upper

42 100

72 98.8 44.1 66.1#

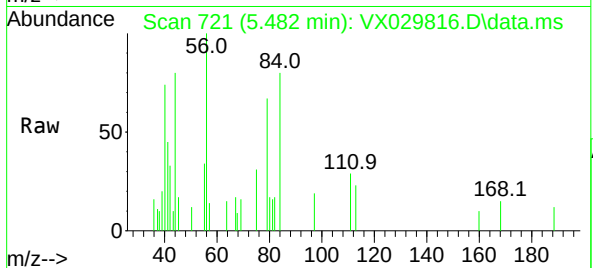
71 65.6 40.5 60.7#



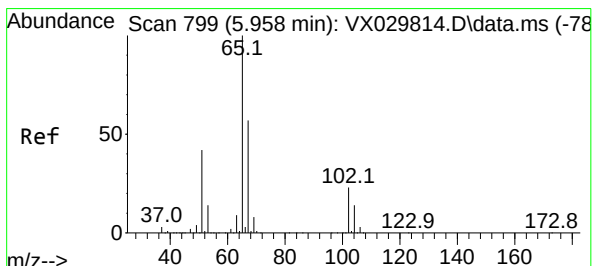
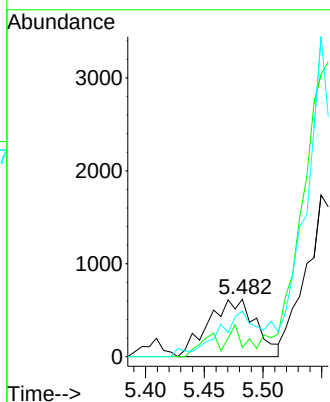
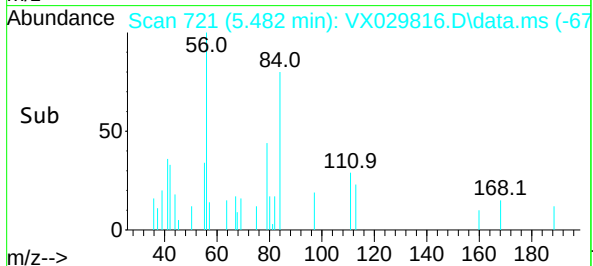


#31
Cyclohexane
Concen: 0.394 ug/l
RT: 5.482 min Scan# 721
Delta R.T. 0.006 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

Instrument :
MSVOA_X
ClientSampleId :

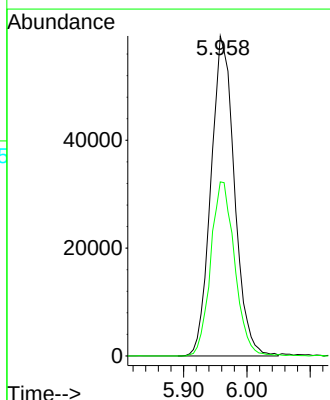
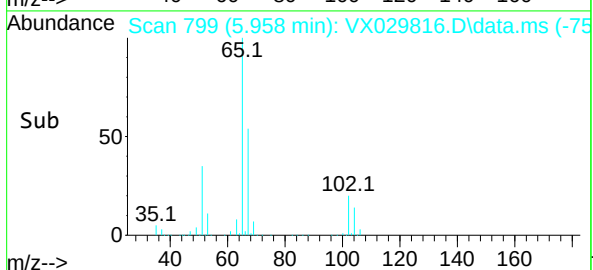
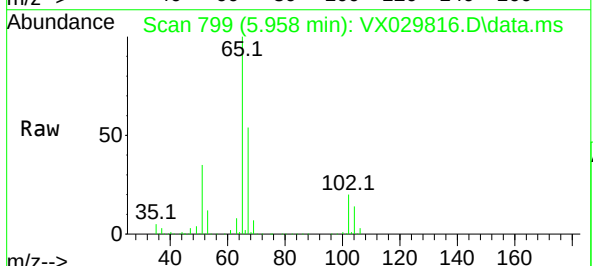


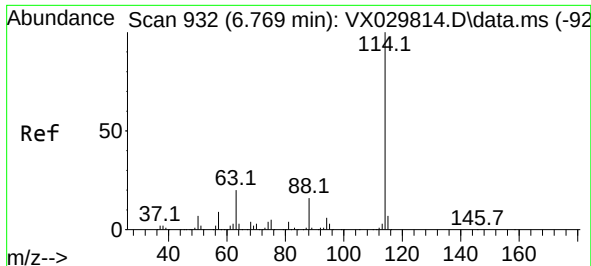
Tgt Ion: 56 Resp: 1744
Ion Ratio Lower Upper
56 100
69 19.6 26.7 40.1#
84 77.9 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 51.483 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

Tgt Ion: 65 Resp: 153126
Ion Ratio Lower Upper
65 100
67 55.5 0.0 107.4

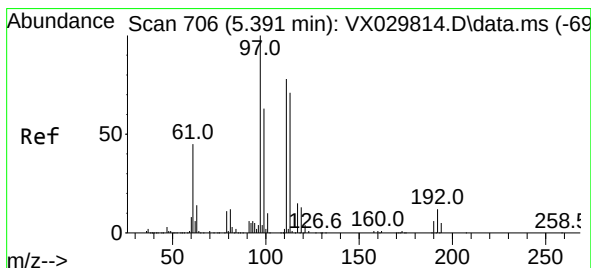
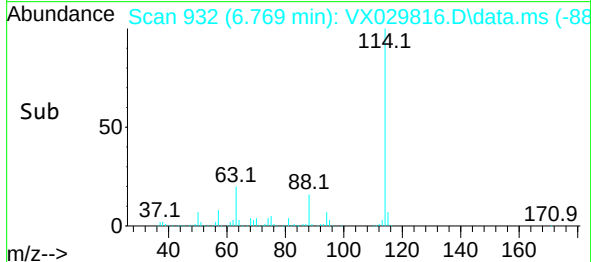
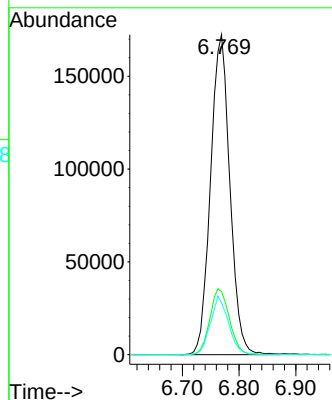
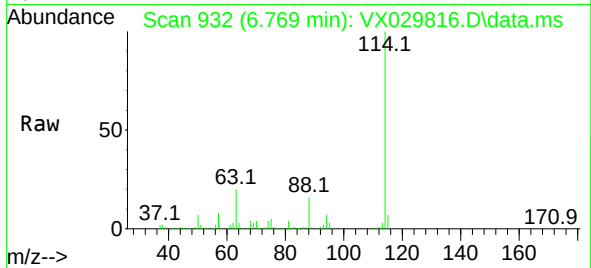




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

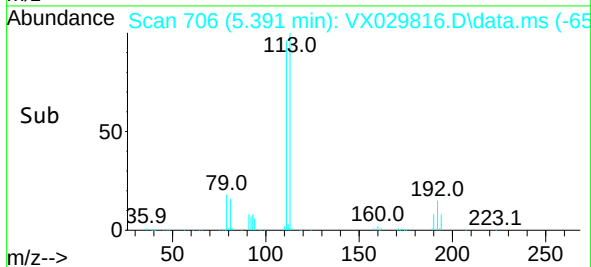
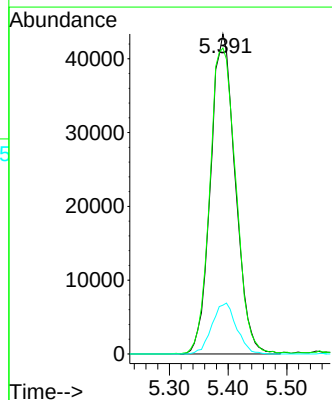
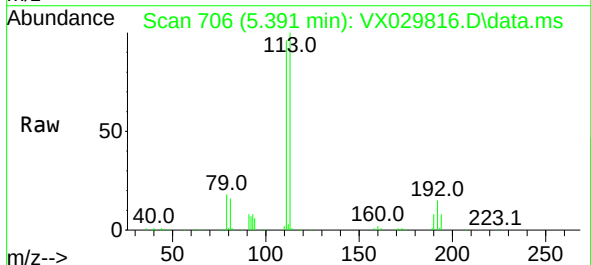
Instrument :
MSVOA_X
ClientSampleId :

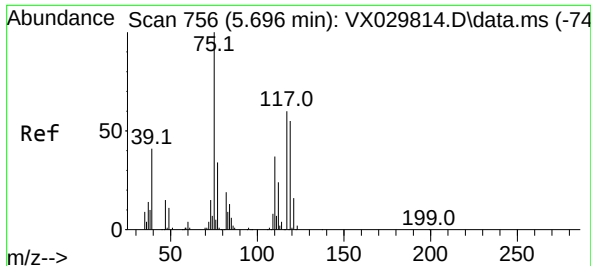
Tgt Ion:114 Resp: 408294
Ion Ratio Lower Upper
114 100
63 19.7 0.0 36.8
88 16.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 48.357 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

Tgt Ion:113 Resp: 126835
Ion Ratio Lower Upper
113 100
111 100.7 82.8 124.2
192 15.8 16.9 25.3#

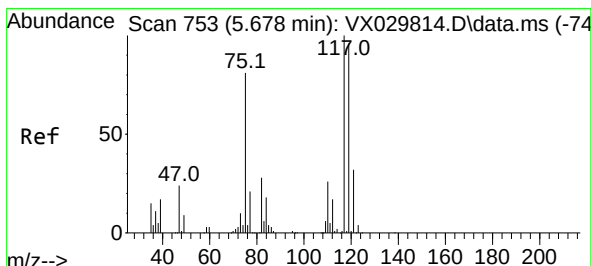
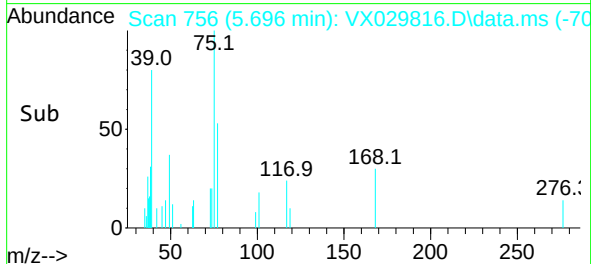
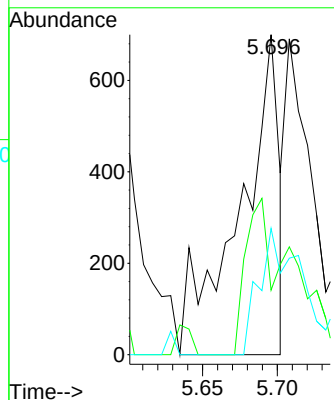
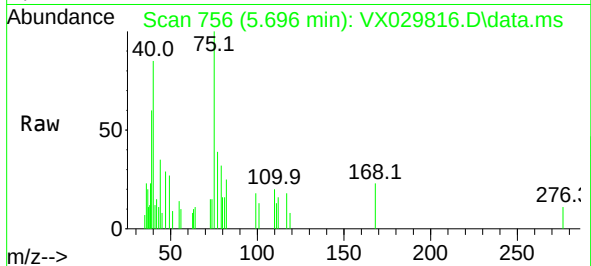




#36
1,1-Dichloropropene
Concen: 0.329 ug/l
RT: 5.696 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

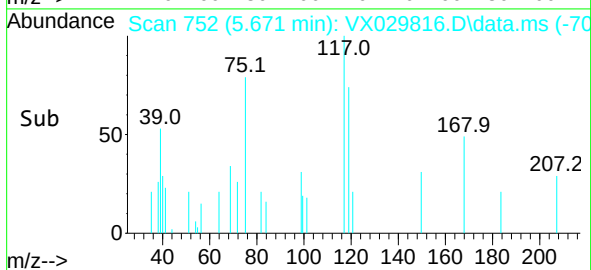
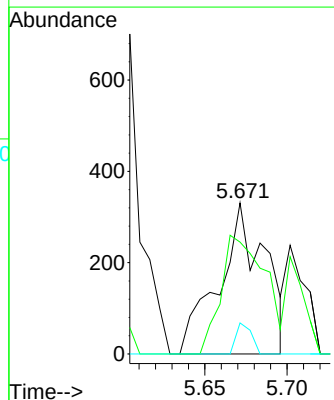
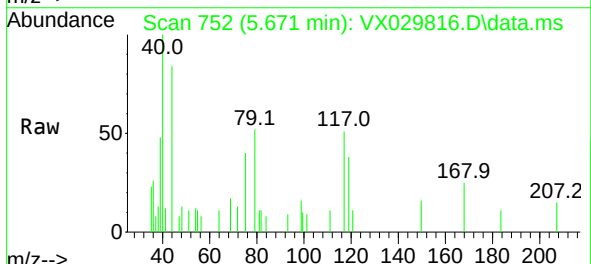
Instrument :
MSVOA_X
ClientSampleId :

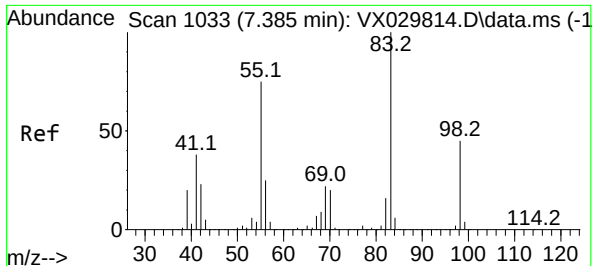
Tgt Ion: 75 Resp: 1265
Ion Ratio Lower Upper
75 100
110 34.5 18.3 54.8
77 41.9 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 0.208 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

Tgt Ion: 117 Resp: 647
Ion Ratio Lower Upper
117 100
119 74.0 77.3 115.9#
121 20.5 24.2 36.2#





#39

Methylcyclohexane

Concen: 0.419 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX029816.D

Acq: 27 Jun 2022 13:45

Instrument :

MSVOA_X

ClientSampleId :

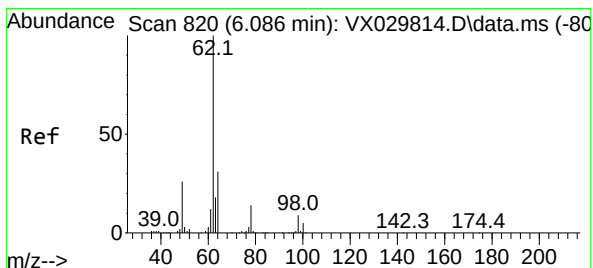
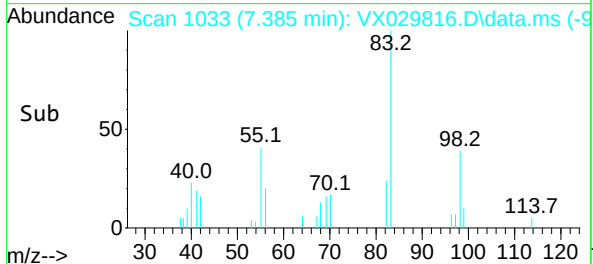
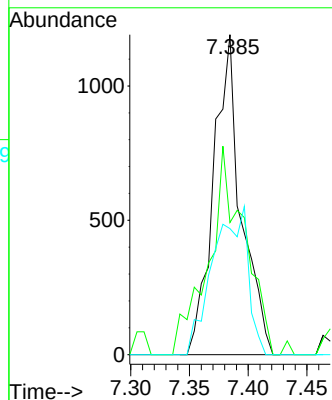
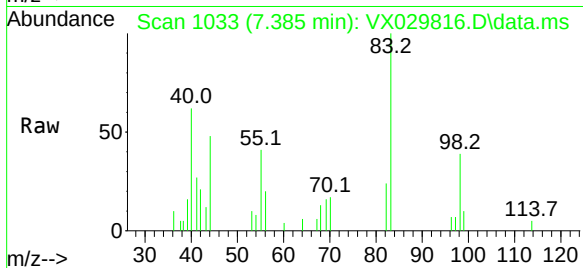
Tgt Ion: 83 Resp: 1954

Ion Ratio Lower Upper

83 100

55 41.3 54.6 81.8#

98 39.4 37.4 56.2



#42

1,2-Dichloroethane

Concen: 0.208 ug/l

RT: 6.098 min Scan# 822

Delta R.T. 0.012 min

Lab File: VX029816.D

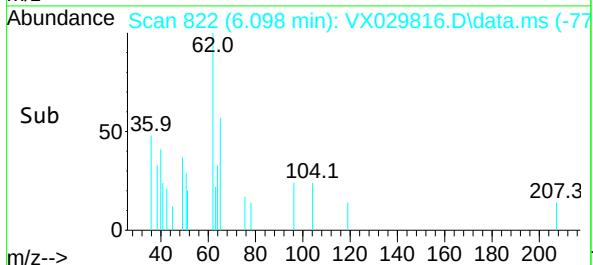
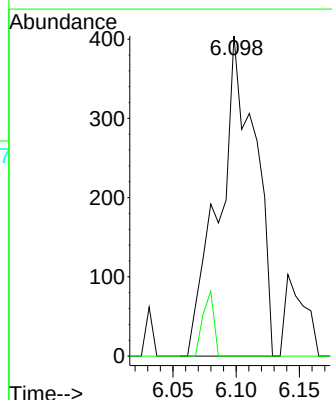
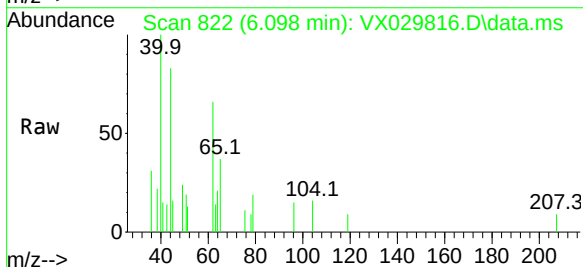
Acq: 27 Jun 2022 13:45

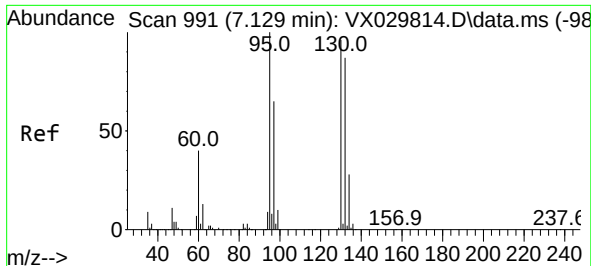
Tgt Ion: 62 Resp: 809

Ion Ratio Lower Upper

62 100

98 6.1 0.0 20.4

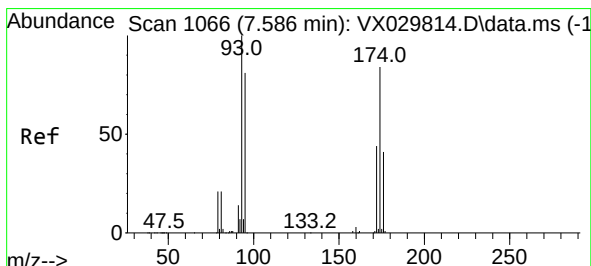
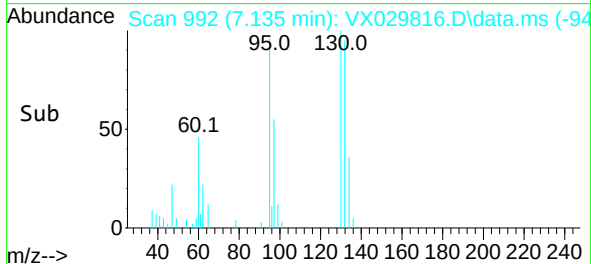
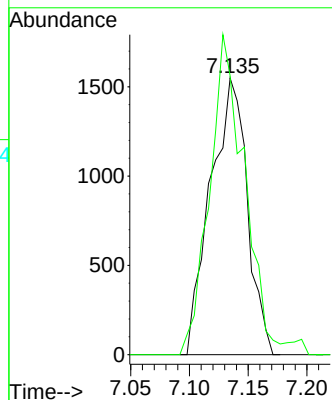
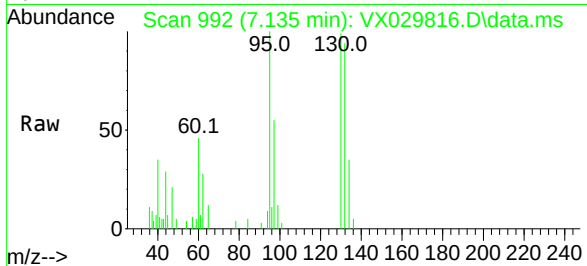




#44
Trichloroethene
Concen: 1.137 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

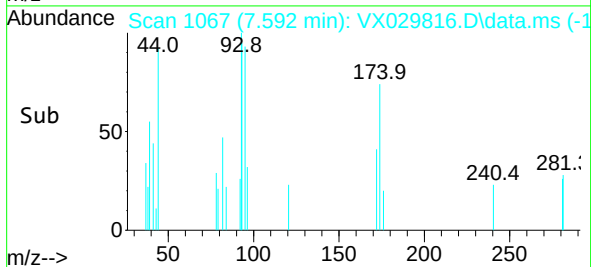
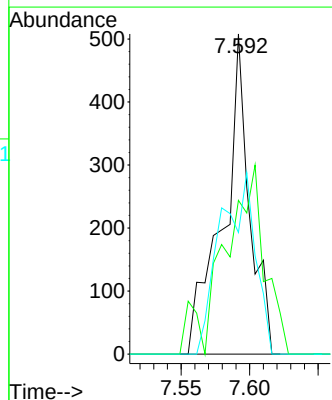
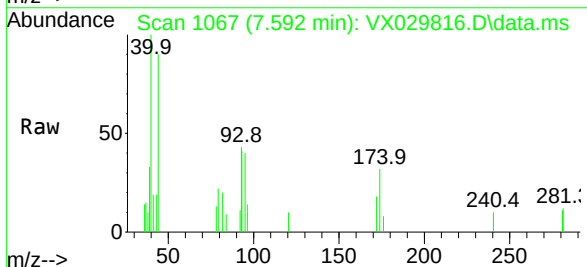
Instrument :
MSVOA_X
ClientSampleId :

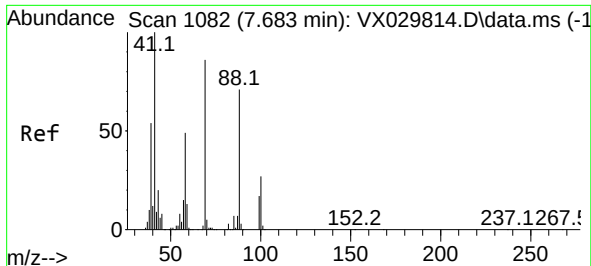
Tgt Ion:130 Resp: 3364
Ion Ratio Lower Upper
130 100
95 100.8 0.0 188.8



#46
Dibromomethane
Concen: 0.335 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

Tgt Ion: 93 Resp: 683
Ion Ratio Lower Upper
93 100
95 90.5 65.8 98.6
174 74.5 85.4 128.2#





#49

1,4-Dioxane

Concen: 0.382 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.018 min

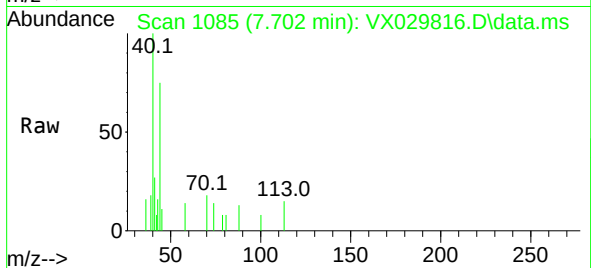
Lab File: VX029816.D

Acq: 27 Jun 2022 13:45

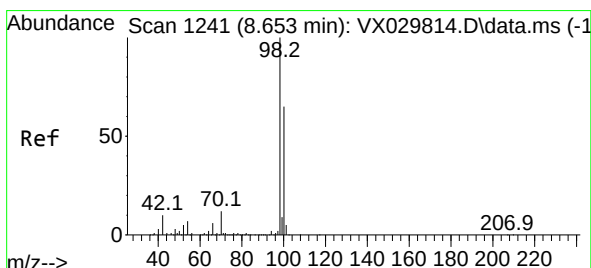
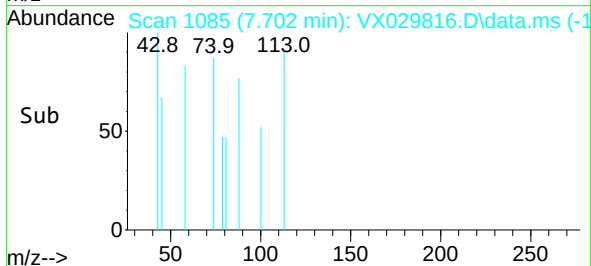
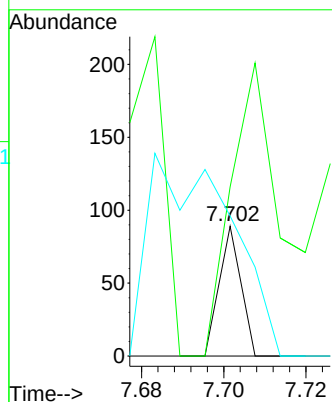
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 88	Resp: 33
Ion Ratio	Lower Upper
88	100
43	521.2 21.9 32.9#
58	0.0 53.7 80.5#



#50

Toluene-d8

Concen: 49.349 ug/l

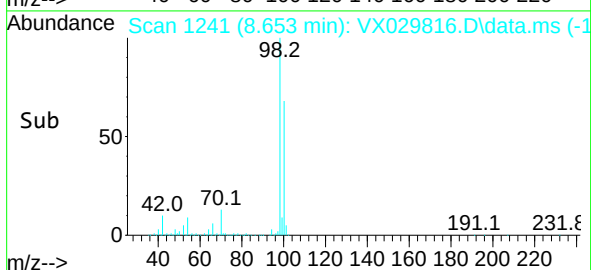
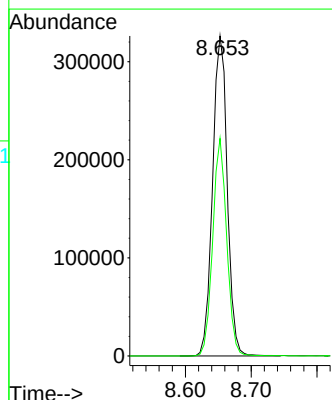
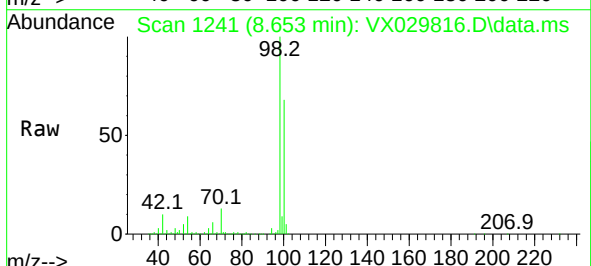
RT: 8.653 min Scan# 1241

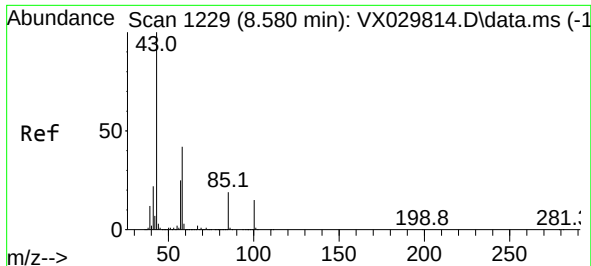
Delta R.T. -0.000 min

Lab File: VX029816.D

Acq: 27 Jun 2022 13:45

Tgt Ion: 98	Resp: 506880
Ion Ratio	Lower Upper
98	100
100	64.8 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.204 ug/l

RT: 8.573 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX029816.D

Acq: 27 Jun 2022 13:45

Instrument :

MSVOA_X

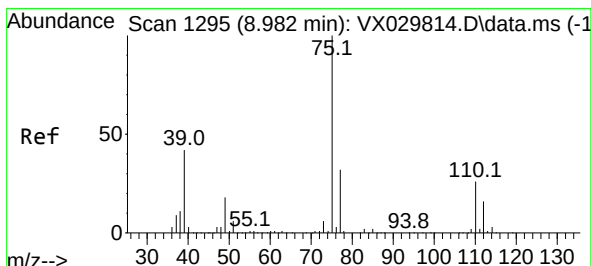
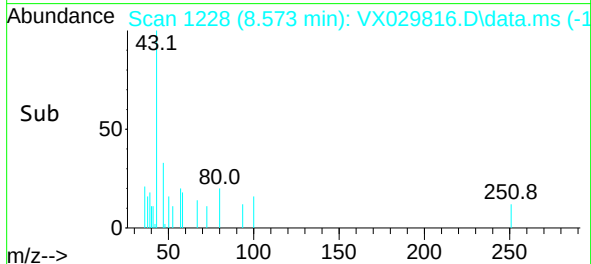
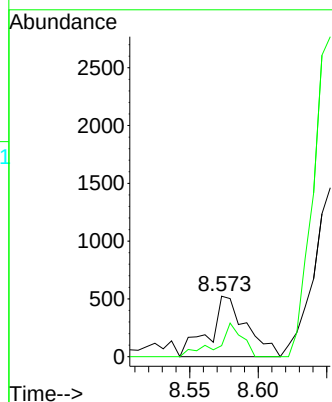
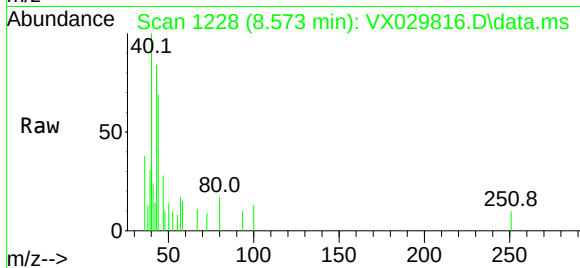
ClientSampleId :

Tgt Ion: 43 Resp: 973

Ion Ratio Lower Upper

43 100

58 37.3 36.1 54.1



#53

t-1,3-Dichloropropene

Concen: 0.285 ug/l

RT: 8.988 min Scan# 1296

Delta R.T. 0.006 min

Lab File: VX029816.D

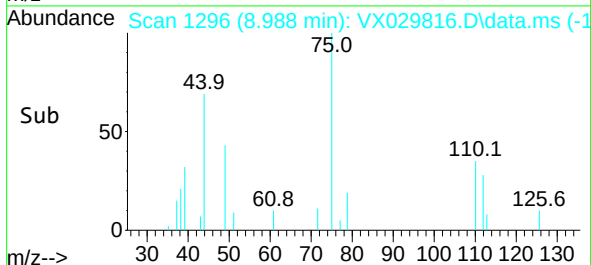
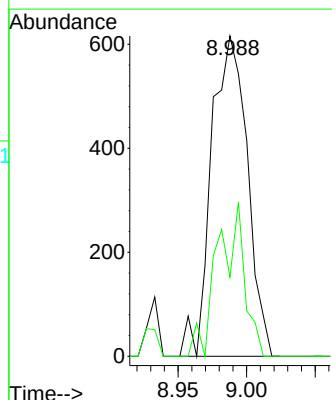
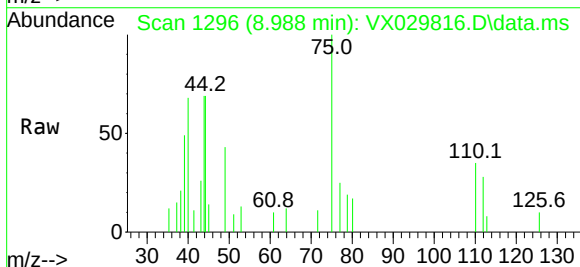
Acq: 27 Jun 2022 13:45

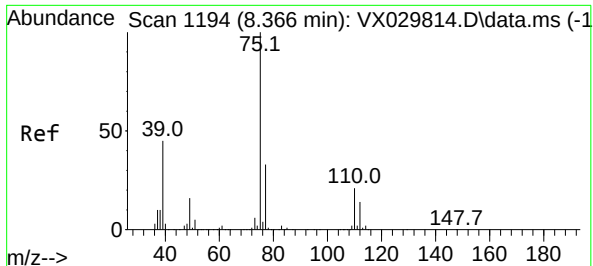
Tgt Ion: 75 Resp: 1122

Ion Ratio Lower Upper

75 100

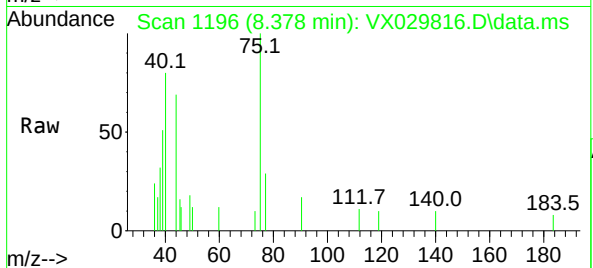
77 24.7 25.4 38.0#



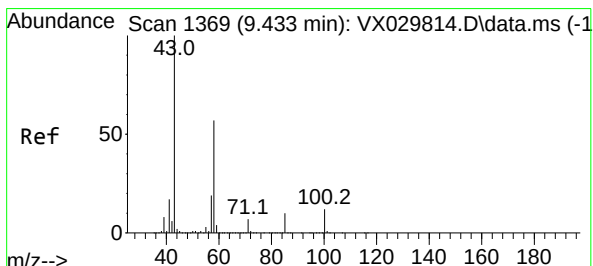
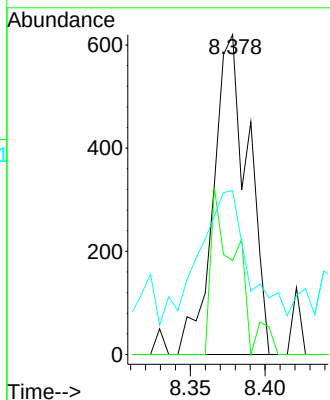
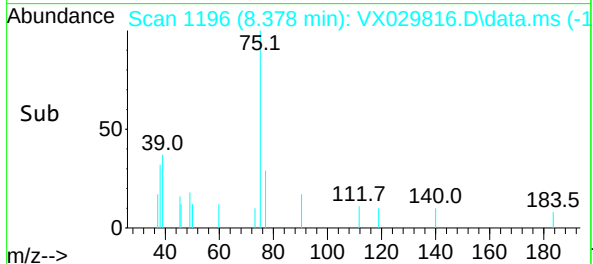


#54
 cis-1,3-Dichloropropene
 Concen: 0.218 ug/l
 RT: 8.378 min Scan# 1196
 Delta R.T. 0.012 min
 Lab File: VX029816.D
 Acq: 27 Jun 2022 13:45

Instrument :
 MSVOA_X
 ClientSampleId :

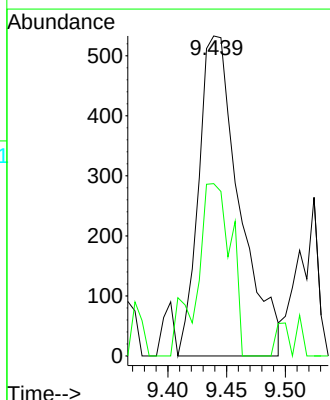
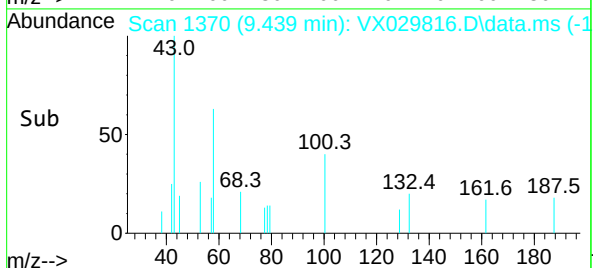
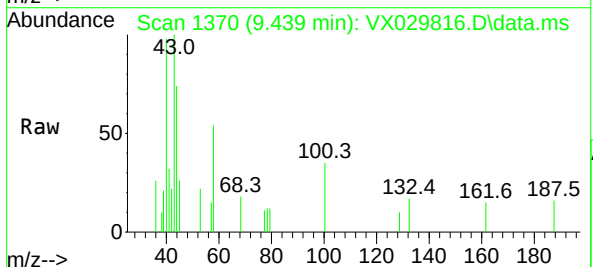


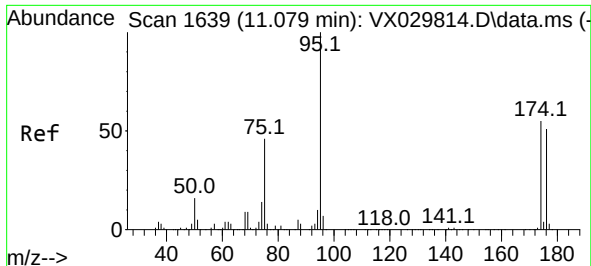
Tgt Ion:	75	Resp:	1006
Ion	Ratio	Lower	Upper
75	100		
77	29.4	24.8	37.2
39	37.6	29.6	44.4



#59
 2-Hexanone
 Concen: 0.347 ug/l
 RT: 9.439 min Scan# 1370
 Delta R.T. 0.006 min
 Lab File: VX029816.D
 Acq: 27 Jun 2022 13:45

Tgt Ion:	43	Resp:	1286
Ion	Ratio	Lower	Upper
43	100		
58	45.5	31.9	95.7





#62

4-Bromofluorobenzene

Concen: 44.343 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX029816.D

Acq: 27 Jun 2022 13:45

Instrument :

MSVOA_X

ClientSampleId :

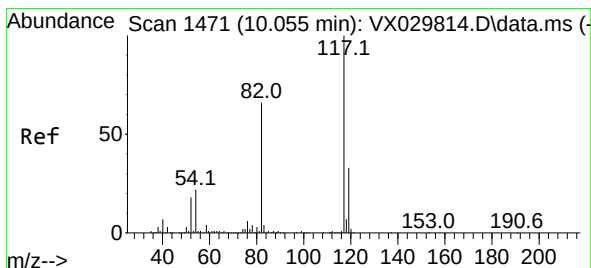
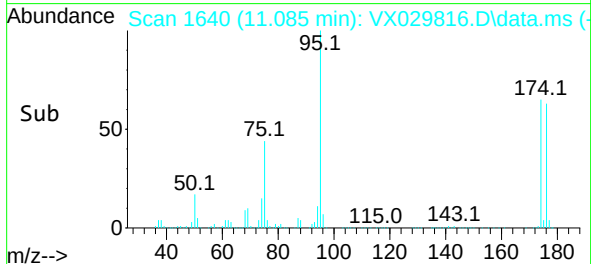
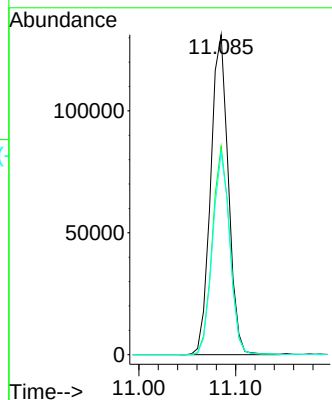
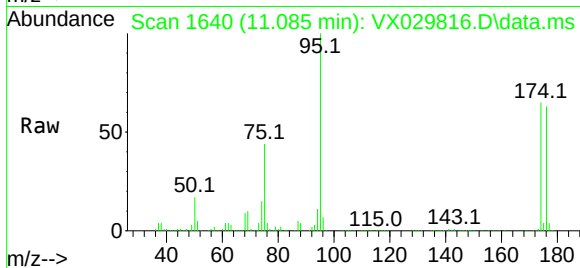
Tgt Ion: 95 Resp: 166564

Ion Ratio Lower Upper

95 100

174 64.1 0.0 163.0

176 62.1 0.0 155.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX029816.D

Acq: 27 Jun 2022 13:45

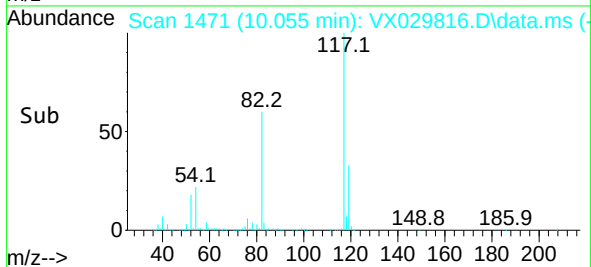
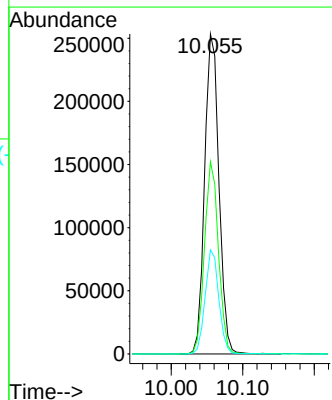
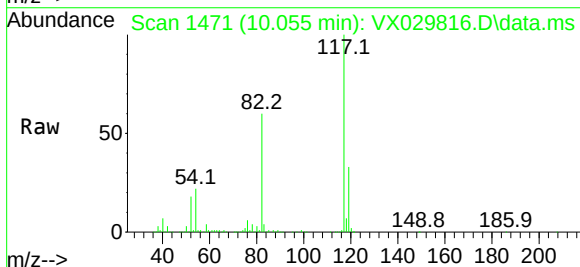
Tgt Ion: 117 Resp: 352186

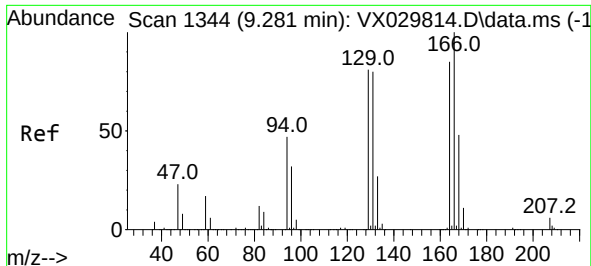
Ion Ratio Lower Upper

117 100

82 60.0 41.8 62.8

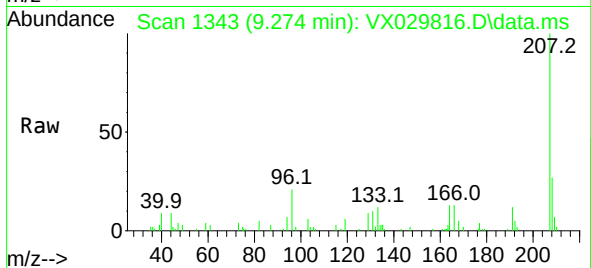
119 32.6 24.8 37.2



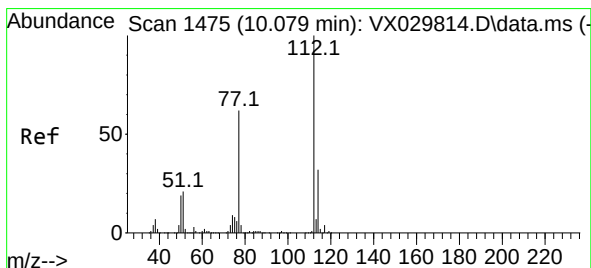
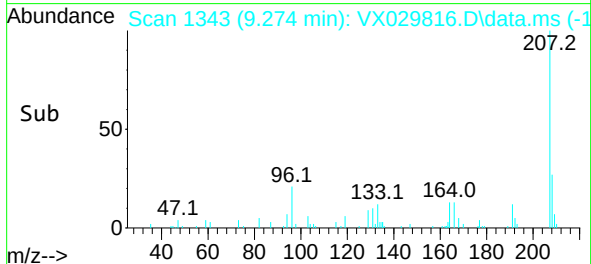
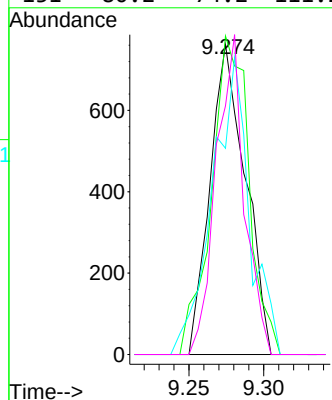


#64
Tetrachloroethene
Concen: 0.616 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

Instrument :
MSVOA_X
ClientSampleId :

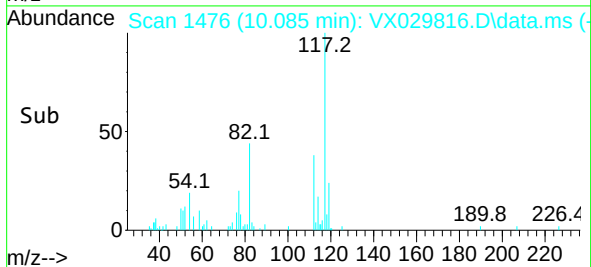
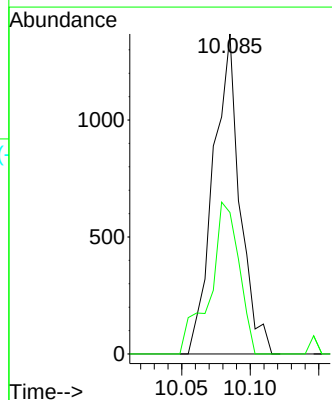
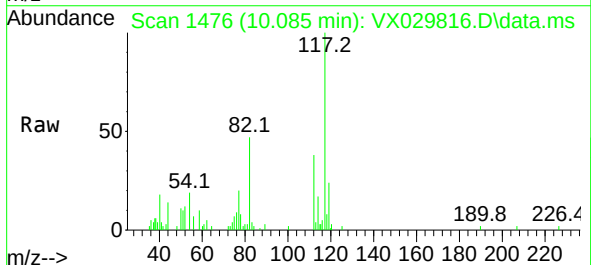


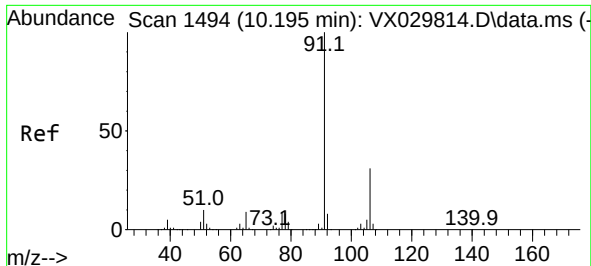
Tgt Ion:164 Resp: 1252
Ion Ratio Lower Upper
164 100
166 102.8 101.2 151.8
129 66.5 73.0 109.4#
131 80.2 74.2 111.2



#65
Chlorobenzene
Concen: 0.250 ug/l
RT: 10.085 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

Tgt Ion:112 Resp: 1853
Ion Ratio Lower Upper
112 100
114 44.2 25.8 38.8#





#67

Ethyl Benzene

Concen: 0.252 ug/l

RT: 10.201 min Scan# 1495

Delta R.T. 0.006 min

Lab File: VX029816.D

Acq: 27 Jun 2022 13:45

Instrument :

MSVOA_X

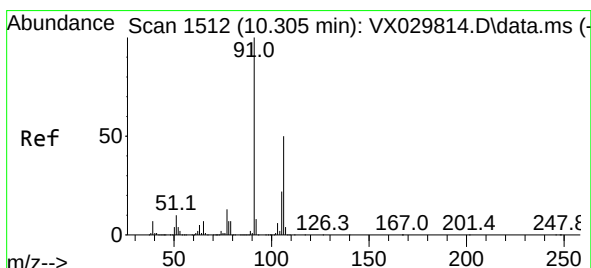
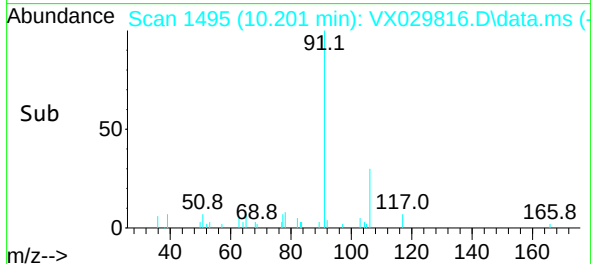
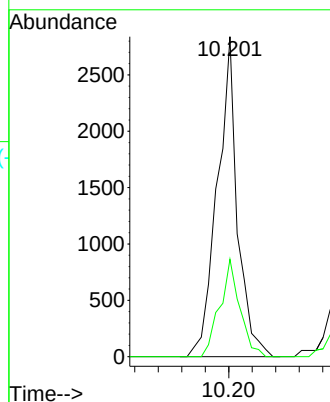
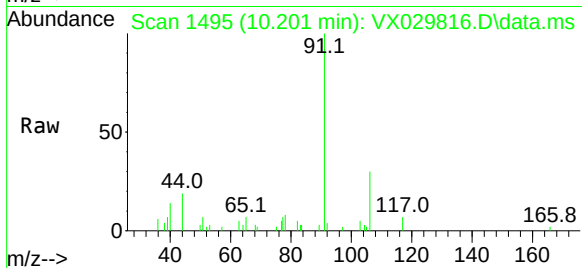
ClientSampleId :

Tgt Ion: 91 Resp: 3387

Ion Ratio Lower Upper

91 100

106 30.4 24.6 36.8



#68

m/p-Xylenes

Concen: 0.520 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX029816.D

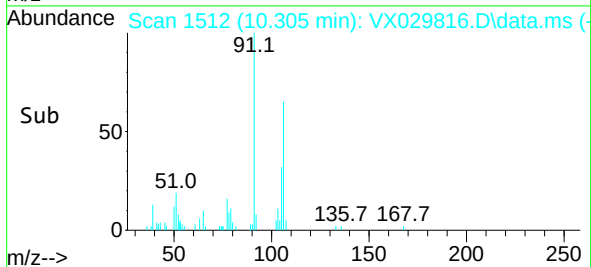
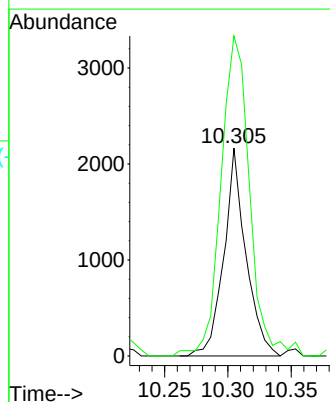
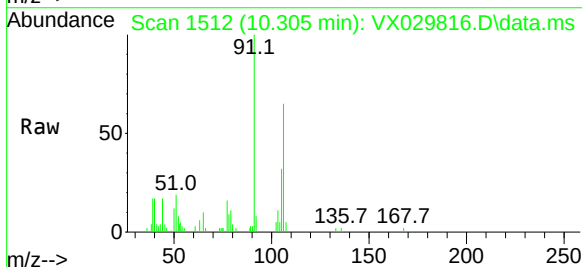
Acq: 27 Jun 2022 13:45

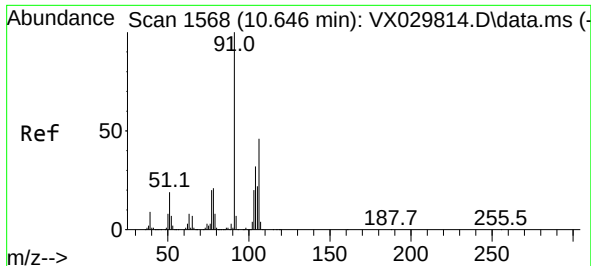
Tgt Ion: 106 Resp: 2623

Ion Ratio Lower Upper

106 100

91 200.3 160.4 240.6





#69

o-Xylene

Concen: 0.208 ug/l

RT: 10.646 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VX029816.D

Acq: 27 Jun 2022 13:45

Instrument :

MSVOA_X

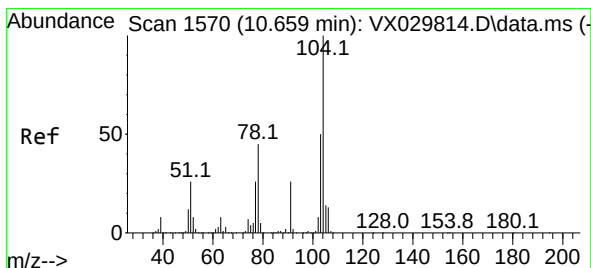
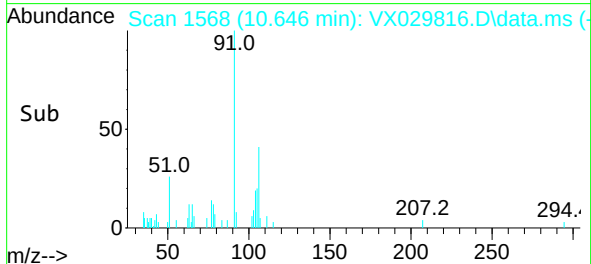
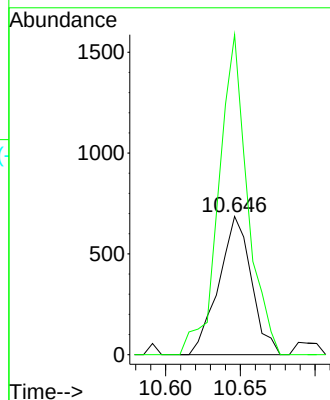
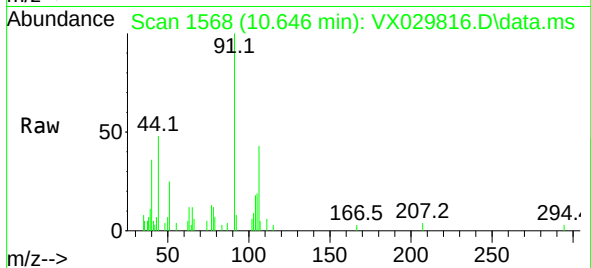
ClientSampleId :

Tgt Ion:106 Resp: 1040

Ion Ratio Lower Upper

106 100

91 204.2 106.1 318.1



#70

Styrene

Concen: 0.269 ug/l

RT: 10.658 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX029816.D

Acq: 27 Jun 2022 13:45

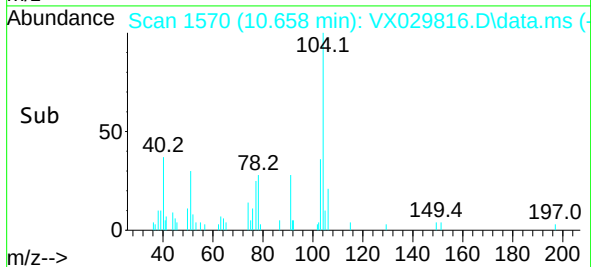
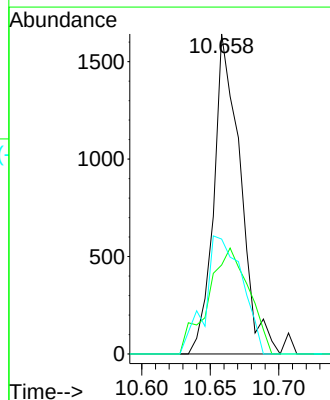
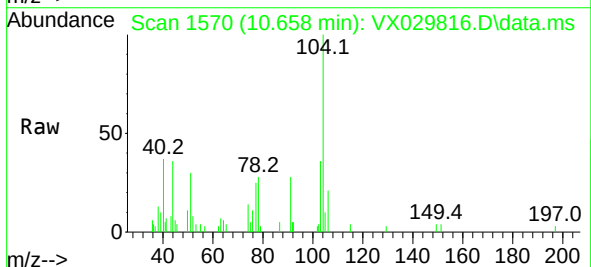
Tgt Ion:104 Resp: 2206

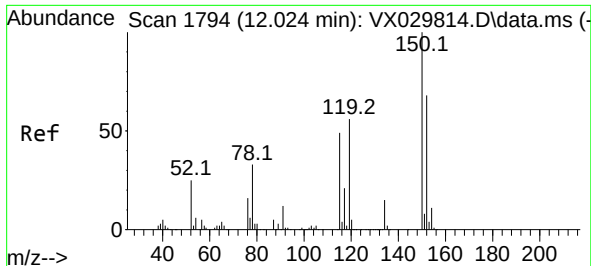
Ion Ratio Lower Upper

104 100

78 51.5 38.6 57.8

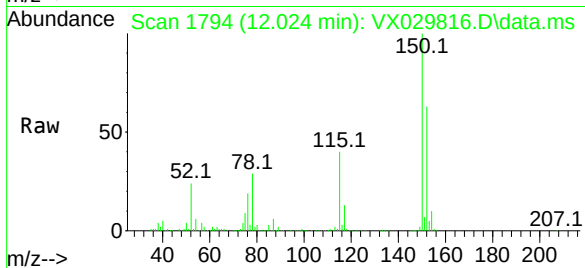
103 51.7 43.8 65.8



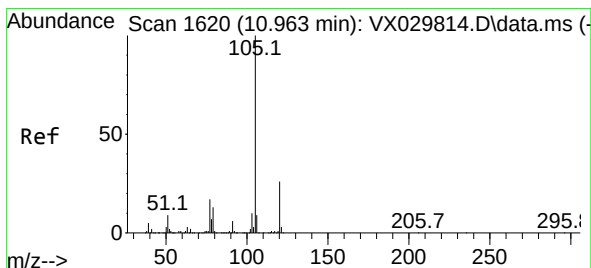
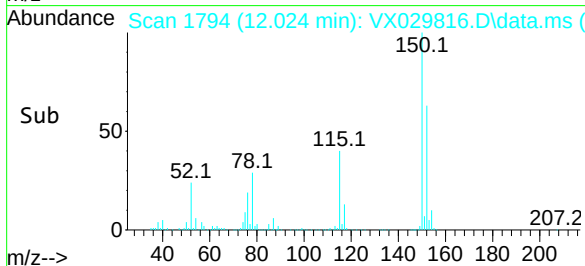
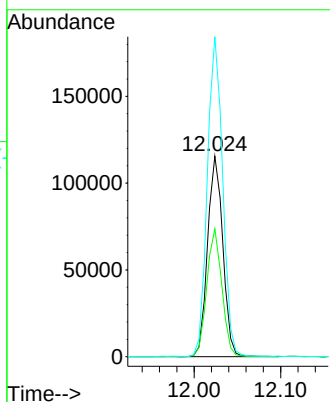


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

Instrument :
MSVOA_X
ClientSampleId :

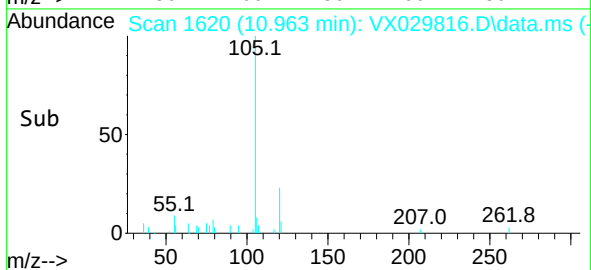
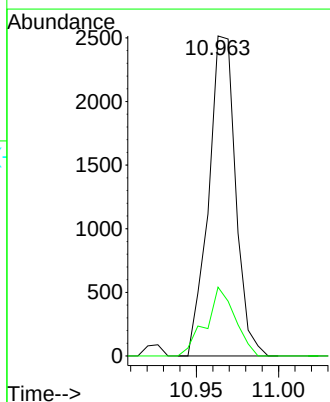
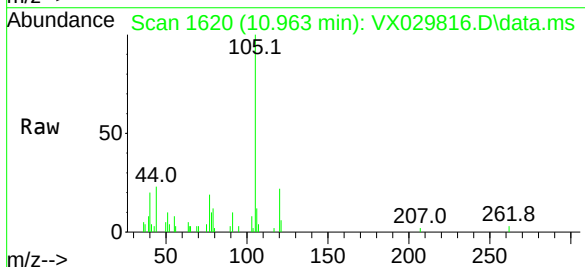


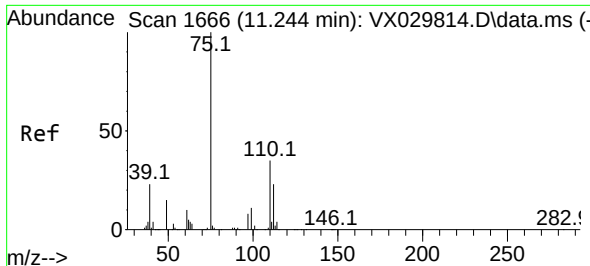
Tgt Ion:152 Resp: 141515
Ion Ratio Lower Upper
152 100
115 63.1 37.5 112.7
150 159.6 0.0 338.2



#73
Isopropylbenzene
Concen: 0.245 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

Tgt Ion:105 Resp: 2877
Ion Ratio Lower Upper
105 100
120 23.3 13.5 40.5

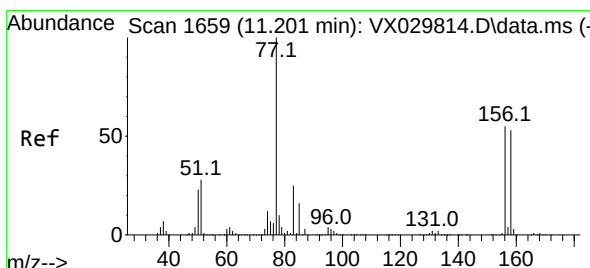
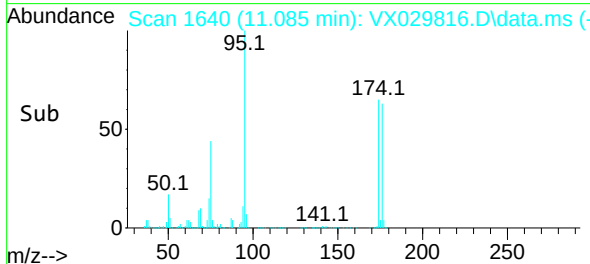
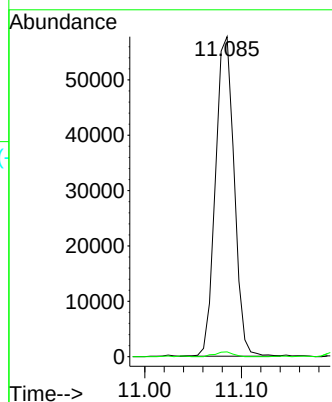
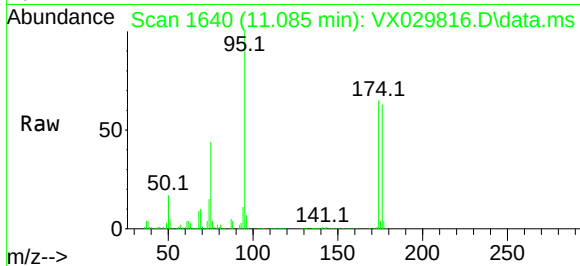




#76
1,2,3-Trichloropropane
Concen: 19.323 ug/l
RT: 11.085 min Scan# 11085
Delta R.T. -0.159 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

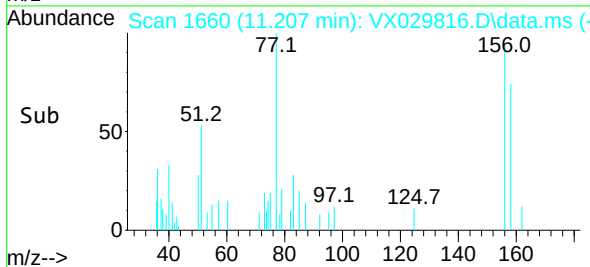
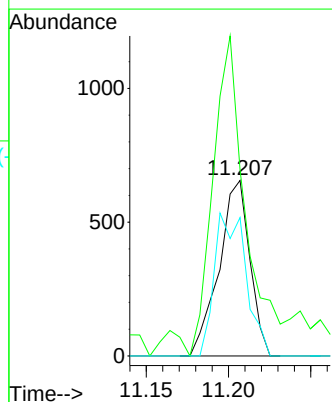
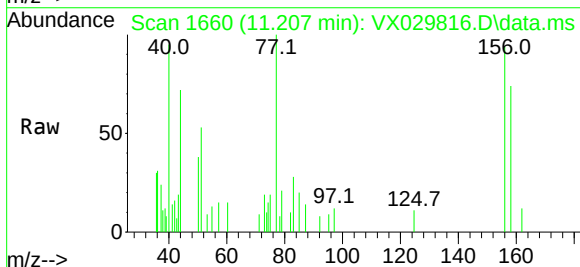
Instrument :
MSVOA_X
ClientSampleId :

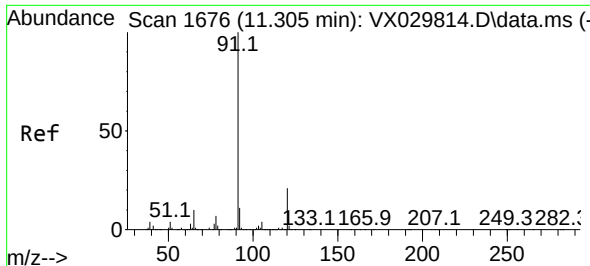
Tgt Ion: 75 Resp: 77517
Ion Ratio Lower Upper
75 100
77 1.4 19.4 58.2#



#77
Bromobenzene
Concen: 0.331 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.006 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

Tgt Ion:156 Resp: 854
Ion Ratio Lower Upper
156 100
77 197.5 78.5 235.3
158 83.0 50.2 150.7

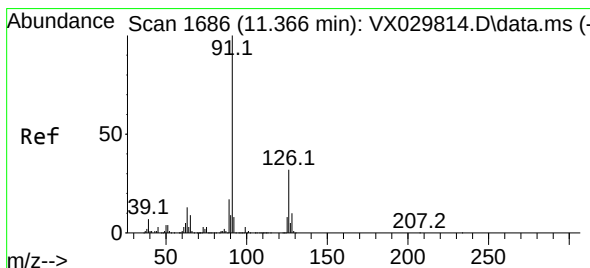
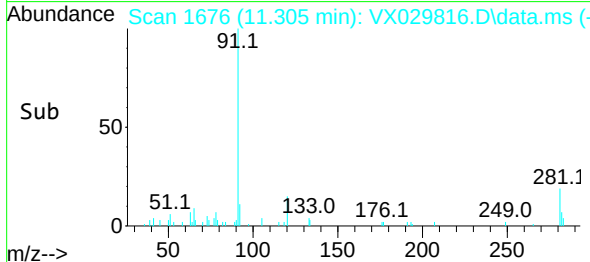
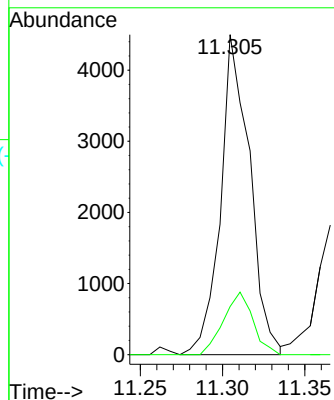
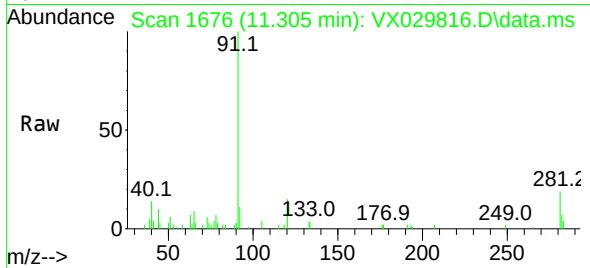




#78
n-propylbenzene
Concen: 0.390 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

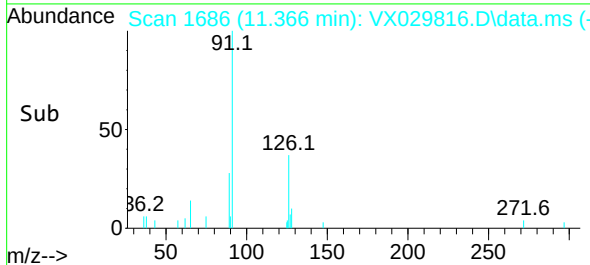
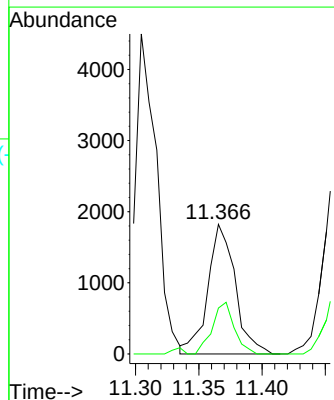
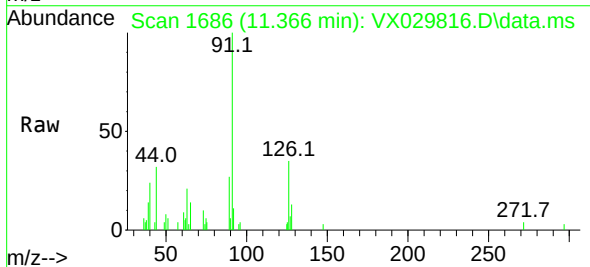
Instrument :
MSVOA_X
ClientSampleId :

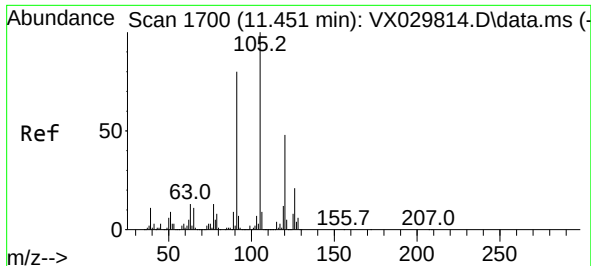
Tgt Ion: 91 Resp: 5543
Ion Ratio Lower Upper
91 100
120 19.7 11.6 34.8



#79
2-Chlorotoluene
Concen: 0.320 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

Tgt Ion: 91 Resp: 2736
Ion Ratio Lower Upper
91 100
126 32.0 17.3 51.9

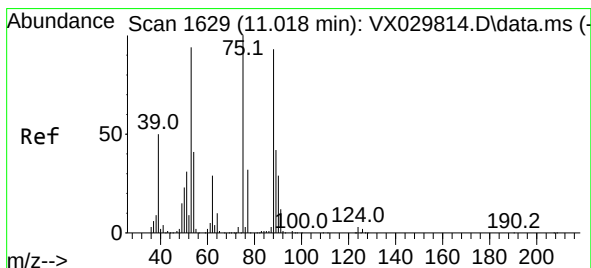
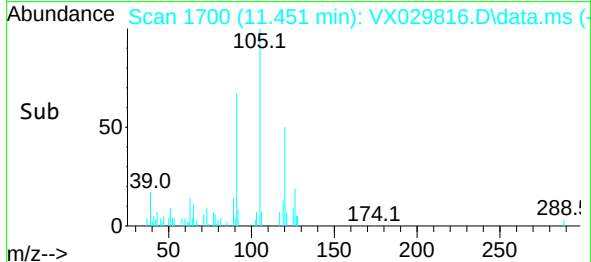
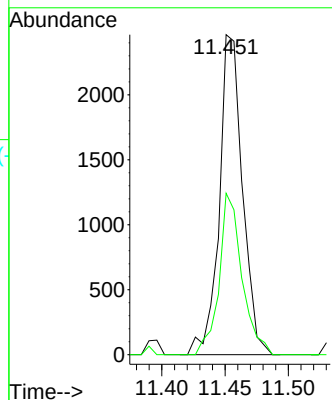
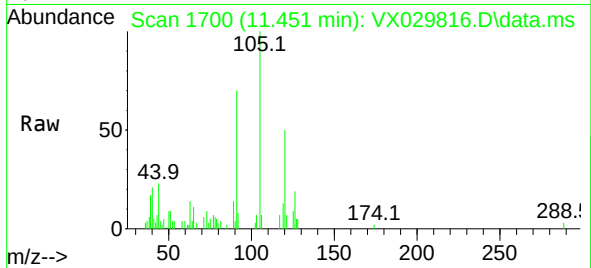




#80
1,3,5-Trimethylbenzene
Concen: 0.320 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

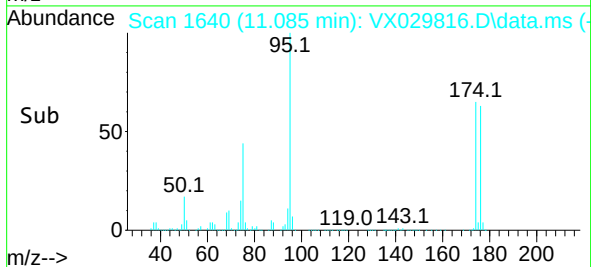
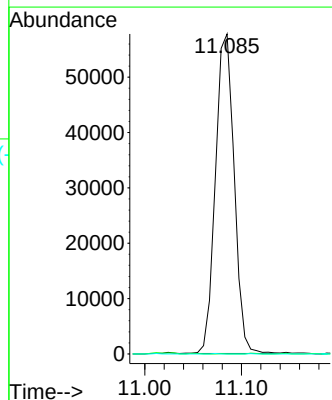
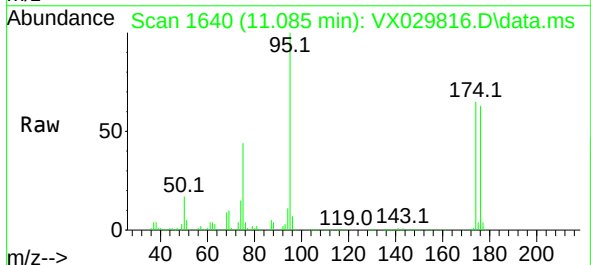
Instrument :
MSVOA_X
ClientSampleId :

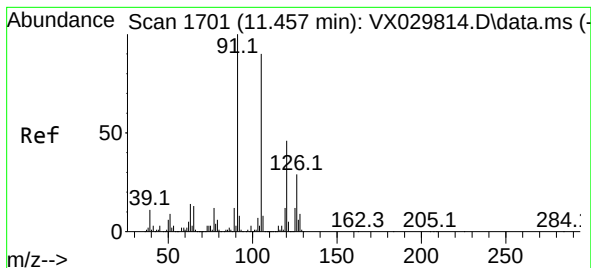
Tgt Ion:105 Resp: 3139
Ion Ratio Lower Upper
105 100
120 49.5 24.3 72.9



#81
trans-1,4-Dichloro-2-butene
Concen: 58.769 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

Tgt Ion: 75 Resp: 77517
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

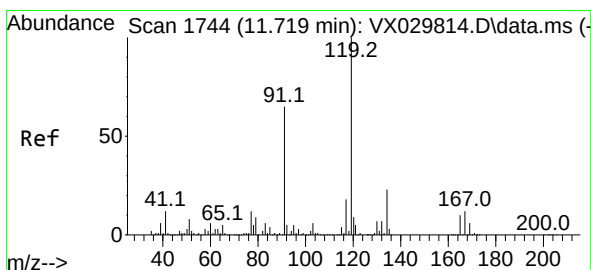
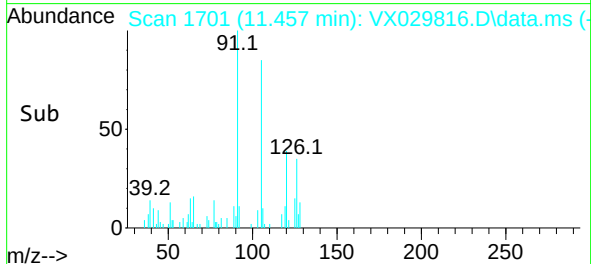
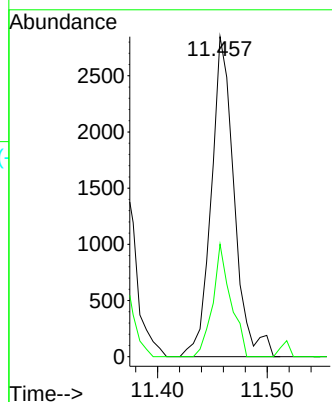
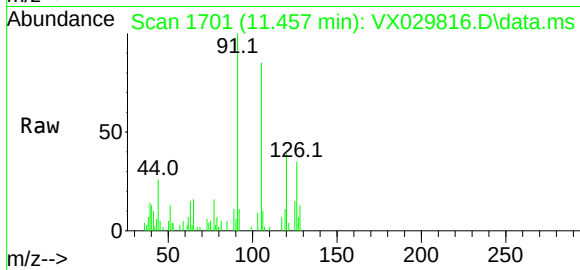




#82
4-Chlorotoluene
Concen: 0.424 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

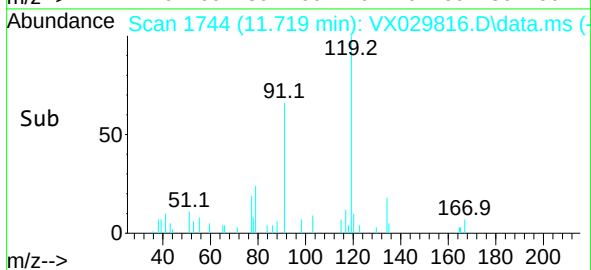
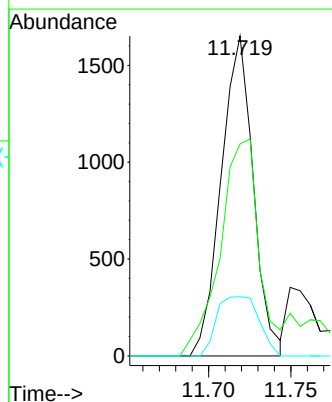
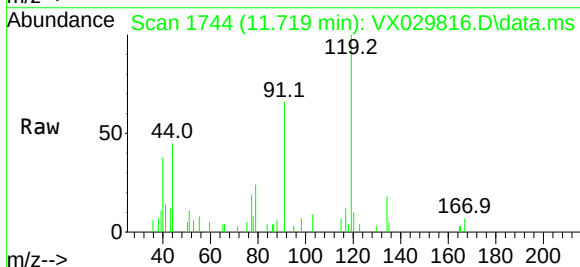
Instrument :
MSVOA_X
ClientSampleId :

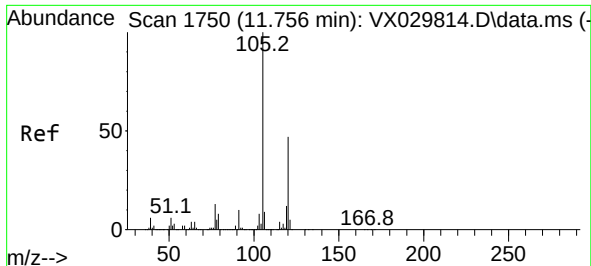
Tgt Ion: 91 Resp: 4139
Ion Ratio Lower Upper
91 100
126 27.7 14.9 44.5



#83
tert-Butylbenzene
Concen: 0.236 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

Tgt Ion: 119 Resp: 2246
Ion Ratio Lower Upper
119 100
91 81.4 26.9 80.6#
134 24.2 11.4 34.2

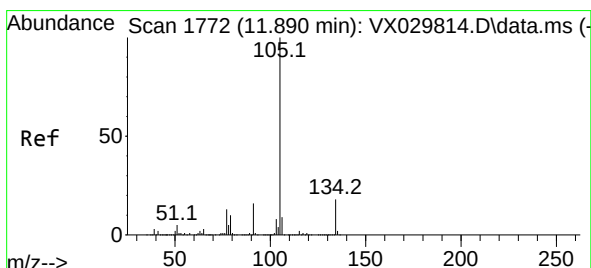
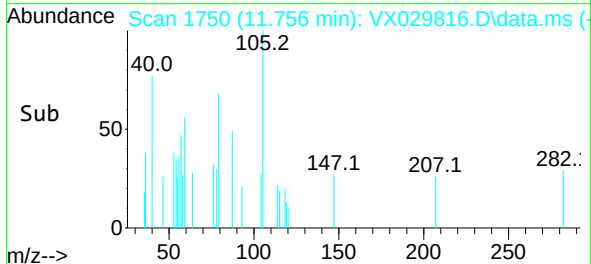
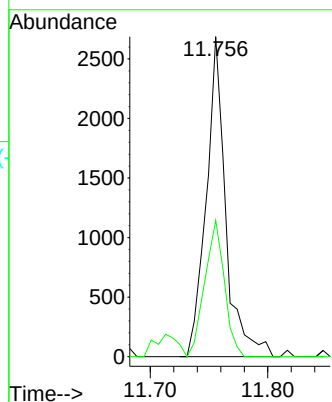
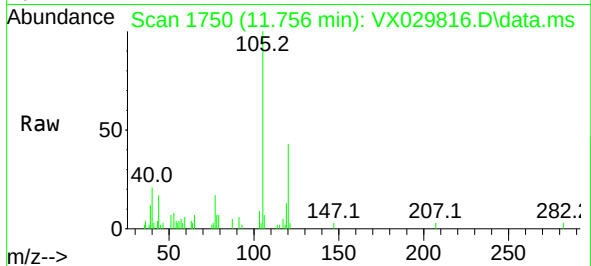




#84
1,2,4-Trimethylbenzene
Concen: 0.313 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

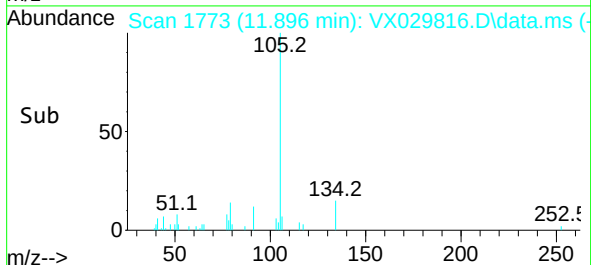
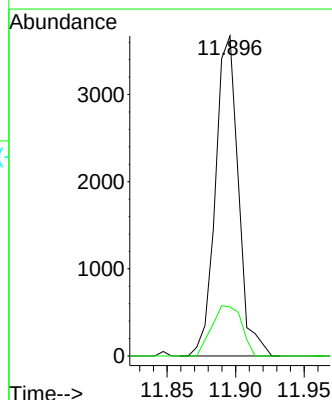
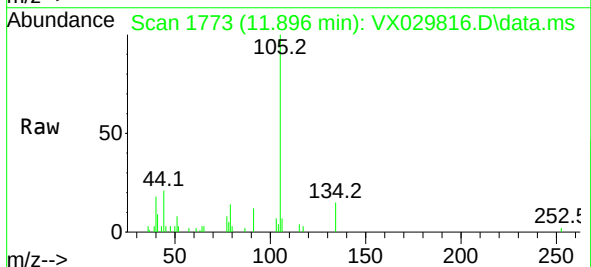
Instrument :
MSVOA_X
ClientSampleId :

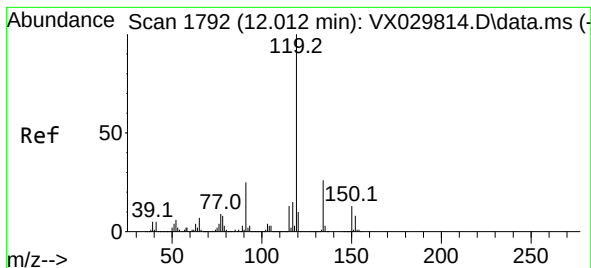
Tgt Ion:105 Resp: 3099
Ion Ratio Lower Upper
105 100
120 42.7 22.6 67.8



#85
sec-Butylbenzene
Concen: 0.346 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

Tgt Ion:105 Resp: 4275
Ion Ratio Lower Upper
105 100
134 20.4 10.2 30.4





#86

p-Isopropyltoluene

Concen: 0.375 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VX029816.D

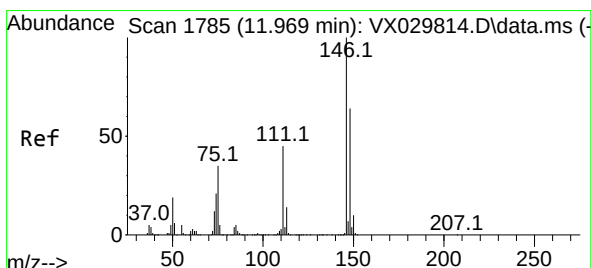
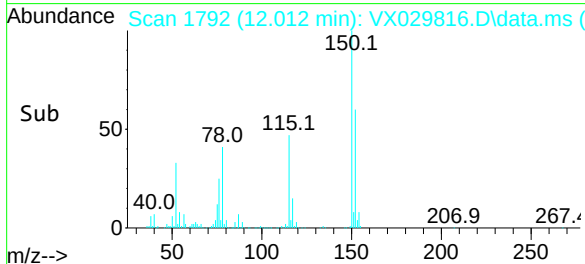
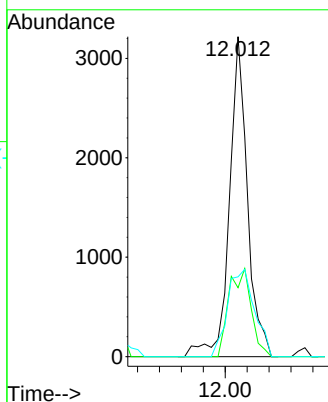
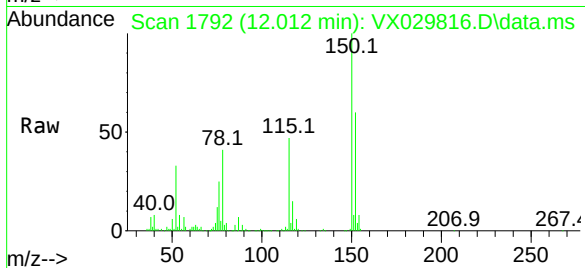
Acq: 27 Jun 2022 13:45

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:119	Resp:	3671
Ion Ratio	Lower	Upper
119	100	
134	33.9	13.0 39.0
91	40.9	11.3 33.9#



#87

1,3-Dichlorobenzene

Concen: 0.501 ug/l

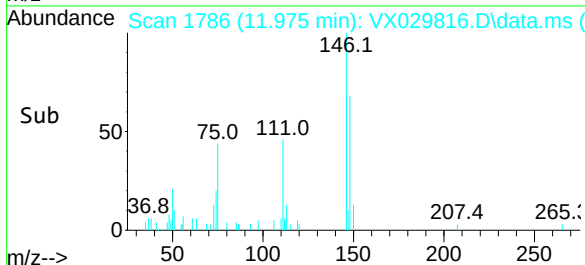
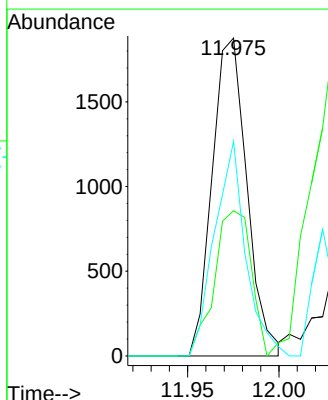
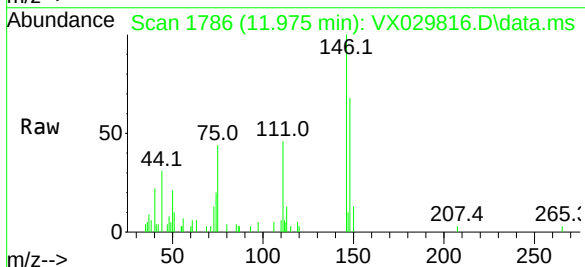
RT: 11.975 min Scan# 1786

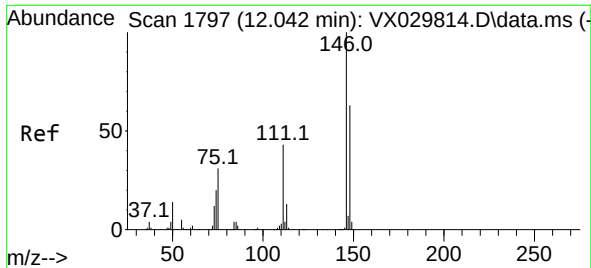
Delta R.T. 0.006 min

Lab File: VX029816.D

Acq: 27 Jun 2022 13:45

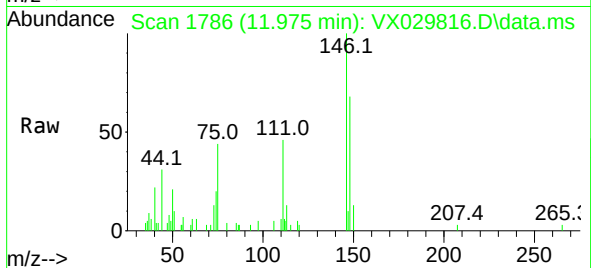
Tgt Ion:146	Resp:	2480
Ion Ratio	Lower	Upper
146	100	
111	48.2	19.7 59.1
148	60.6	31.6 94.7



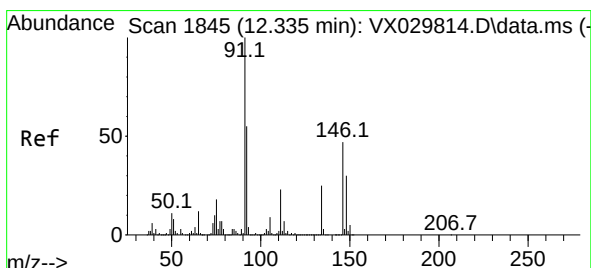
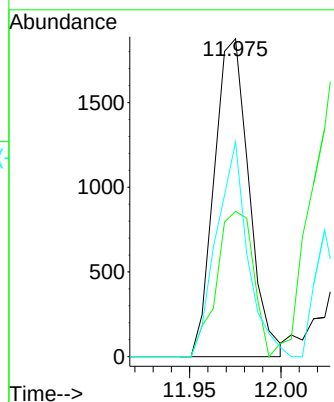
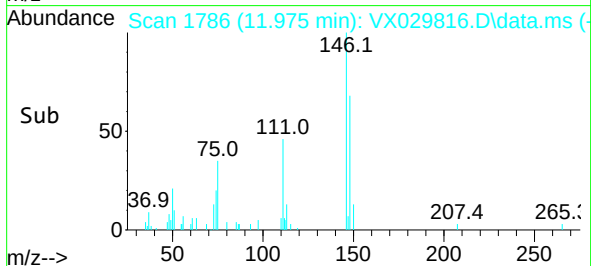


#88
1,4-Dichlorobenzene
Concen: 0.494 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. -0.067 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

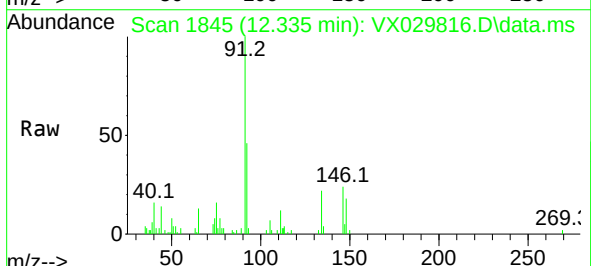
Instrument :
MSVOA_X
ClientSampleId :



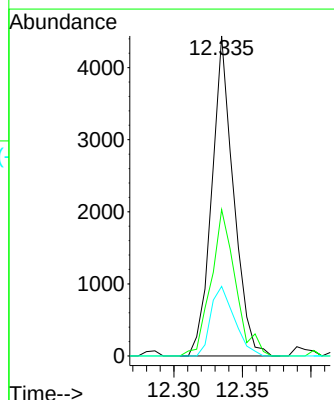
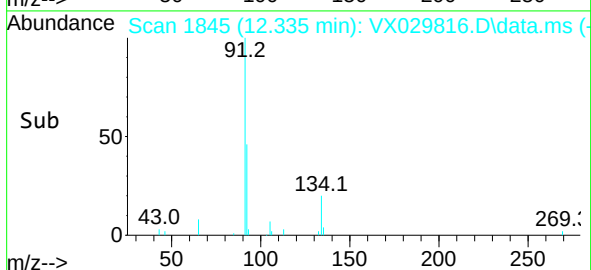
Tgt Ion:146 Resp: 2480
Ion Ratio Lower Upper
146 100
111 48.2 19.2 57.6
148 60.6 32.3 96.9

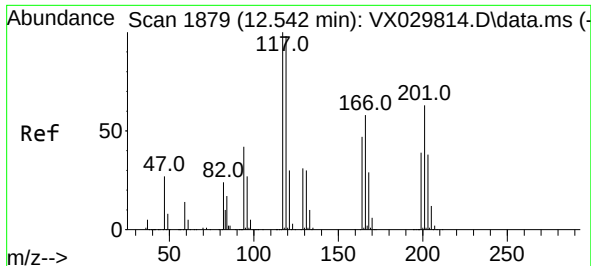


#89
n-Butylbenzene
Concen: 0.534 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45



Tgt Ion: 91 Resp: 4893
Ion Ratio Lower Upper
91 100
92 51.3 27.8 83.3
134 23.5 13.3 39.8

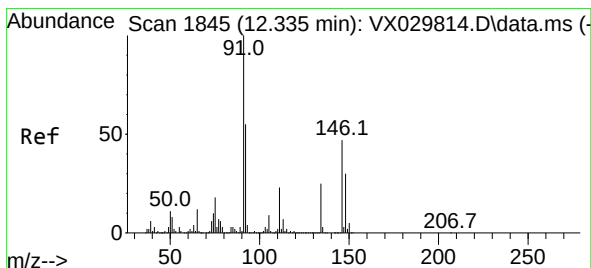
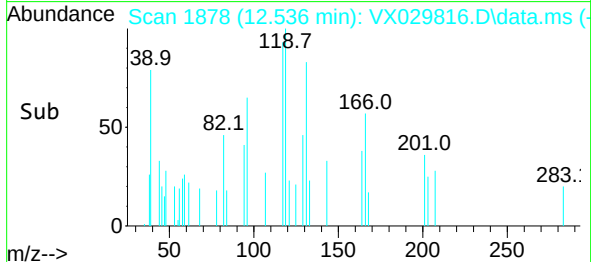
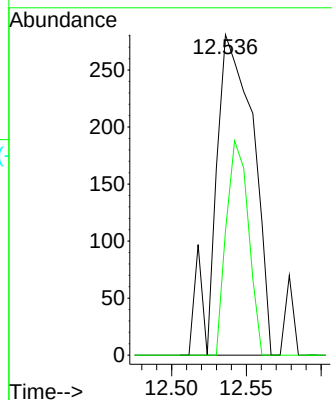
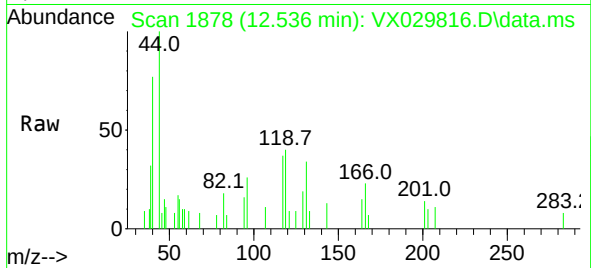




#90
Hexachloroethane
Concen: 0.336 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

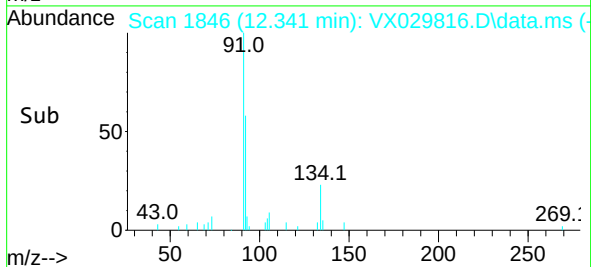
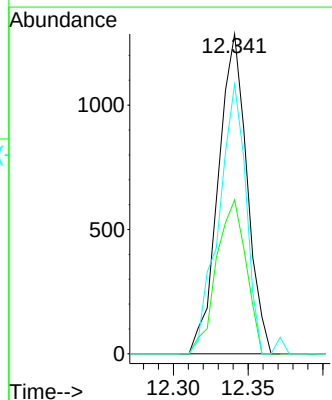
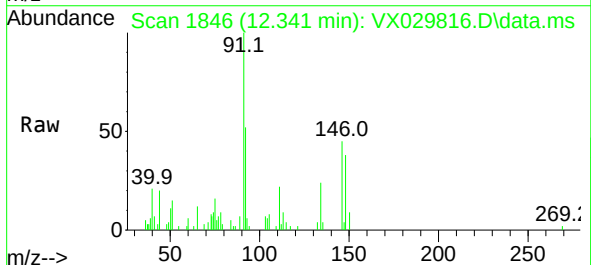
Instrument :
MSVOA_X
ClientSampleId :

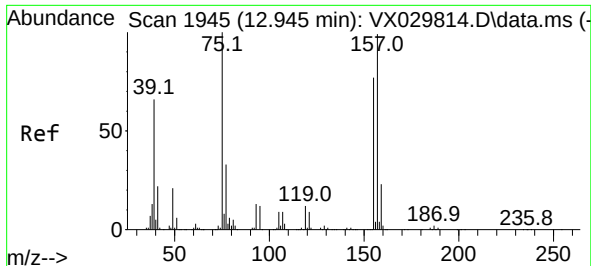
Tgt Ion:117 Resp: 497
Ion Ratio Lower Upper
117 100
201 38.8 39.5 118.5#



#91
1,2-Dichlorobenzene
Concen: 0.348 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX029816.D
Acq: 27 Jun 2022 13:45

Tgt Ion:146 Resp: 1716
Ion Ratio Lower Upper
146 100
111 49.5 21.0 63.0
148 79.8 32.6 97.7

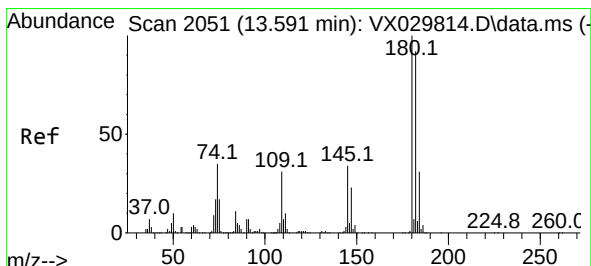
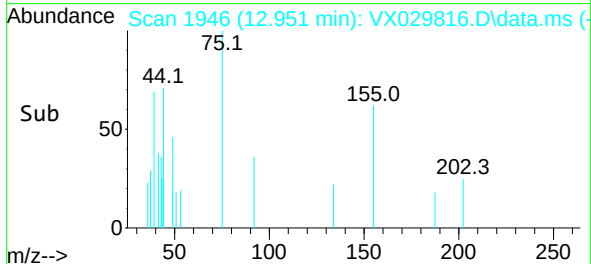
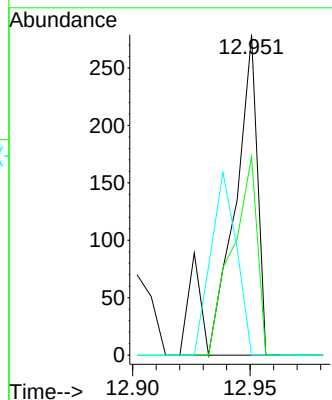
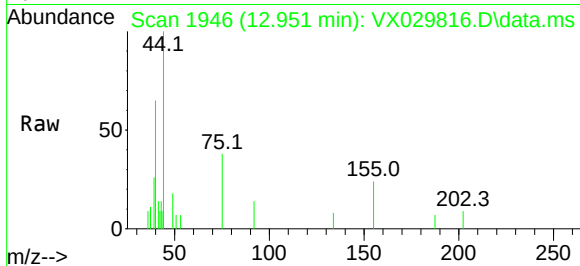




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.202 ug/l
 RT: 12.951 min Scan# 1946
 Delta R.T. 0.006 min
 Lab File: VX029816.D
 Acq: 27 Jun 2022 13:45

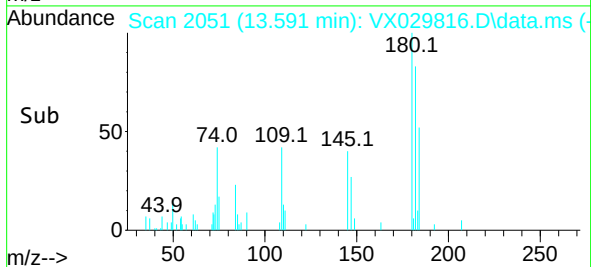
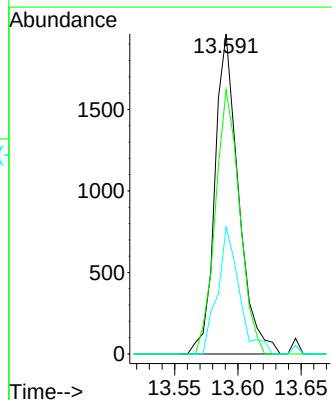
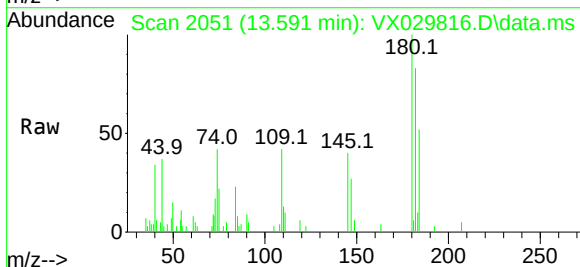
Instrument :
 MSVOA_X
 ClientSampleId :

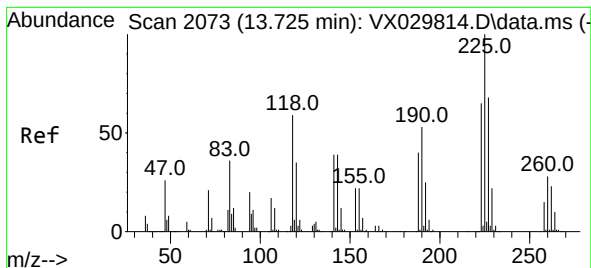
Tgt Ion: 75 Resp: 211
 Ion Ratio Lower Upper
 75 100
 155 60.7 47.0 141.2
 157 56.9 57.9 173.6#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.894 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: VX029816.D
 Acq: 27 Jun 2022 13:45

Tgt Ion: 180 Resp: 2549
 Ion Ratio Lower Upper
 180 100
 182 84.6 47.7 143.1
 145 36.3 15.2 45.5





#94

Hexachlorobutadiene

Concen: 1.908 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

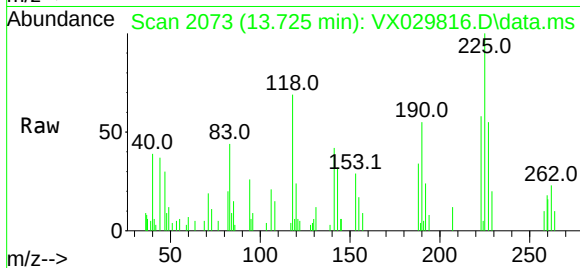
Lab File: VX029816.D

Acq: 27 Jun 2022 13:45

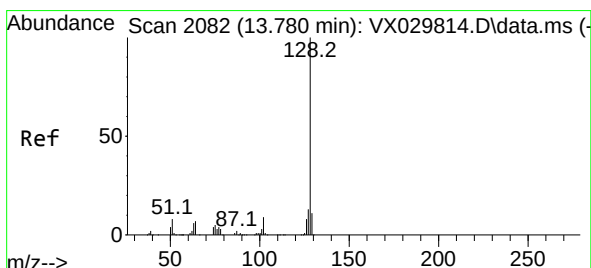
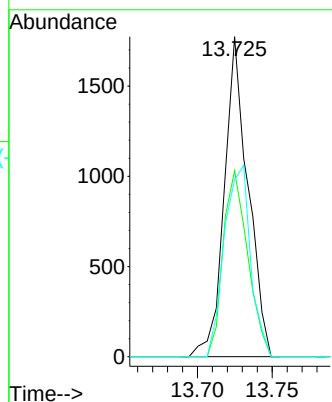
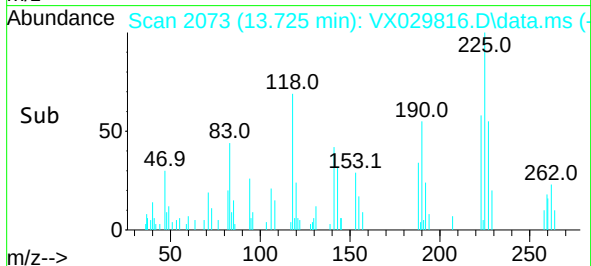
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	225	Resp:	1954
Ion Ratio	Lower	Upper	
225	100		
223	60.0	34.2	102.5
227	66.0	33.9	101.7



#95

Naphthalene

Concen: 0.625 ug/l

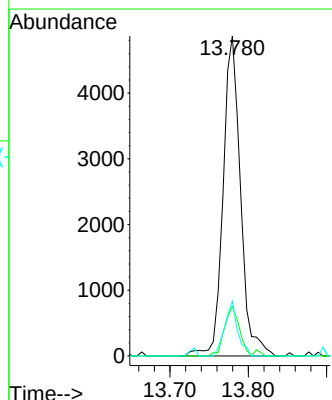
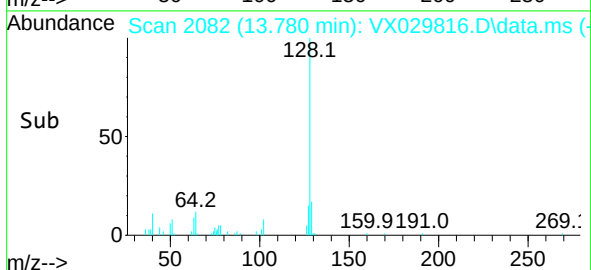
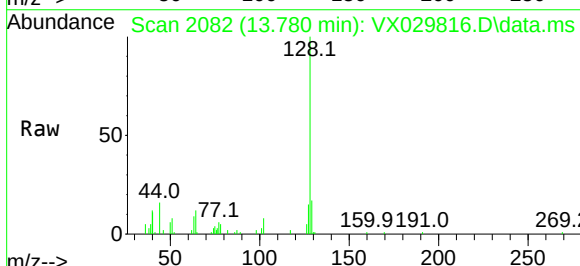
RT: 13.780 min Scan# 2082

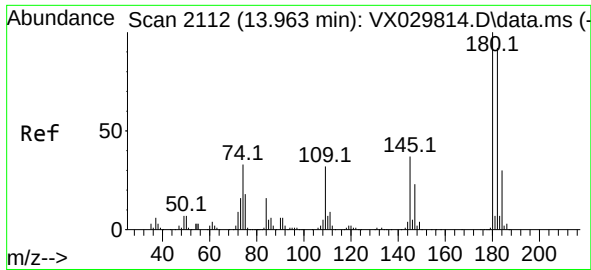
Delta R.T. -0.000 min

Lab File: VX029816.D

Acq: 27 Jun 2022 13:45

Tgt Ion:	128	Resp:	7553
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.2	15.4
129	12.7	8.7	13.1





#96

1,2,3-Trichlorobenzene

Concen: 0.811 ug/l

RT: 13.963 min Scan# 21

Delta R.T. -0.000 min

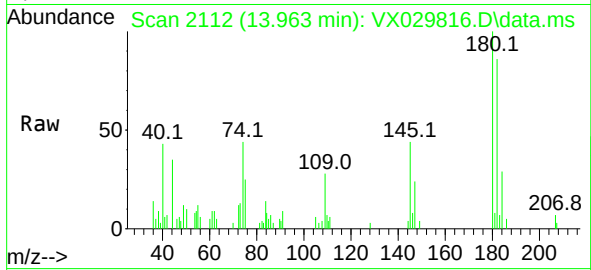
Lab File: VX029816.D

Acq: 27 Jun 2022 13:45

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 2337

Ion Ratio Lower Upper

180 100

182 94.1 50.0 149.8

145 42.4 16.2 48.5

