

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092222\
 Data File : VV028070.D
 Acq On : 22 Sep 2022 19:26
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 23 04:33:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 23 04:15:29 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	197010	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	196725	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	100970	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	99218	4.858	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.200%	
7) Chloroethane-d5	1.561	69	78324	4.823	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.400%	
11) 1,1-Dichloroethene-d2	2.101	63	162239	4.580	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.600%	
20) 2-Butanone-d5	3.886	46	158654	46.011	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	92.020%	
24) Chloroform-d	4.339	84	160875	4.936	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.800%	
26) 1,2-Dichloroethane-d4	5.027	65	76060	4.904	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.000%	
32) Benzene-d6	5.043	84	315082	4.885	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.600%	
36) 1,2-Dichloropropane-d6	6.063	67	96928	4.820	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.400%	
41) Toluene-d8	7.310	98	290037	4.968	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.400%	
43) trans-1,3-Dichloroprop...	7.619	79	35458	4.881	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	97.600%	
46) 2-Hexanone-d5	8.085	63	154535	50.973	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.940%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	61410	4.468	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	96604	4.878	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	70991	4.825	ug/L	92
3) Chloromethane	1.236	50	69997	3.592	ug/L	94
5) Vinyl chloride	1.304	62	77982	5.104	ug/L	99
6) Bromomethane	1.516	94	47845	4.809	ug/L	98
8) Chloroethane	1.577	64	49628	4.844	ug/L	99
9) Trichlorofluoromethane	1.744	101	118054	4.867	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	64647	4.625	ug/L	99
12) 1,1-Dichloroethene	2.111	96	58857	4.323	ug/L	93
13) Acetone	2.175	43	88562	33.344	ug/L	100
14) Carbon disulfide	2.285	76	130002	4.976	ug/L	98
15) Methyl Acetate	2.432	43	22957	4.453	ug/L	95
16) Methylene chloride	2.500	84	101829	6.700	ug/L	98
17) Methyl tert-butyl Ether	2.764	73	151022	5.156	ug/L	99
18) trans-1,2-Dichloroethene	2.751	96	61047	5.122	ug/L	97
19) 1,1-Dichloroethane	3.182	63	135711	5.220	ug/L	97
21) 2-Butanone	3.969	43	138401	42.090	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	71329	4.561	ug/L	97
23) Bromochloromethane	4.239	128	30823	4.922	ug/L	96
25) Chloroform	4.368	83	139338	4.994	ug/L	98

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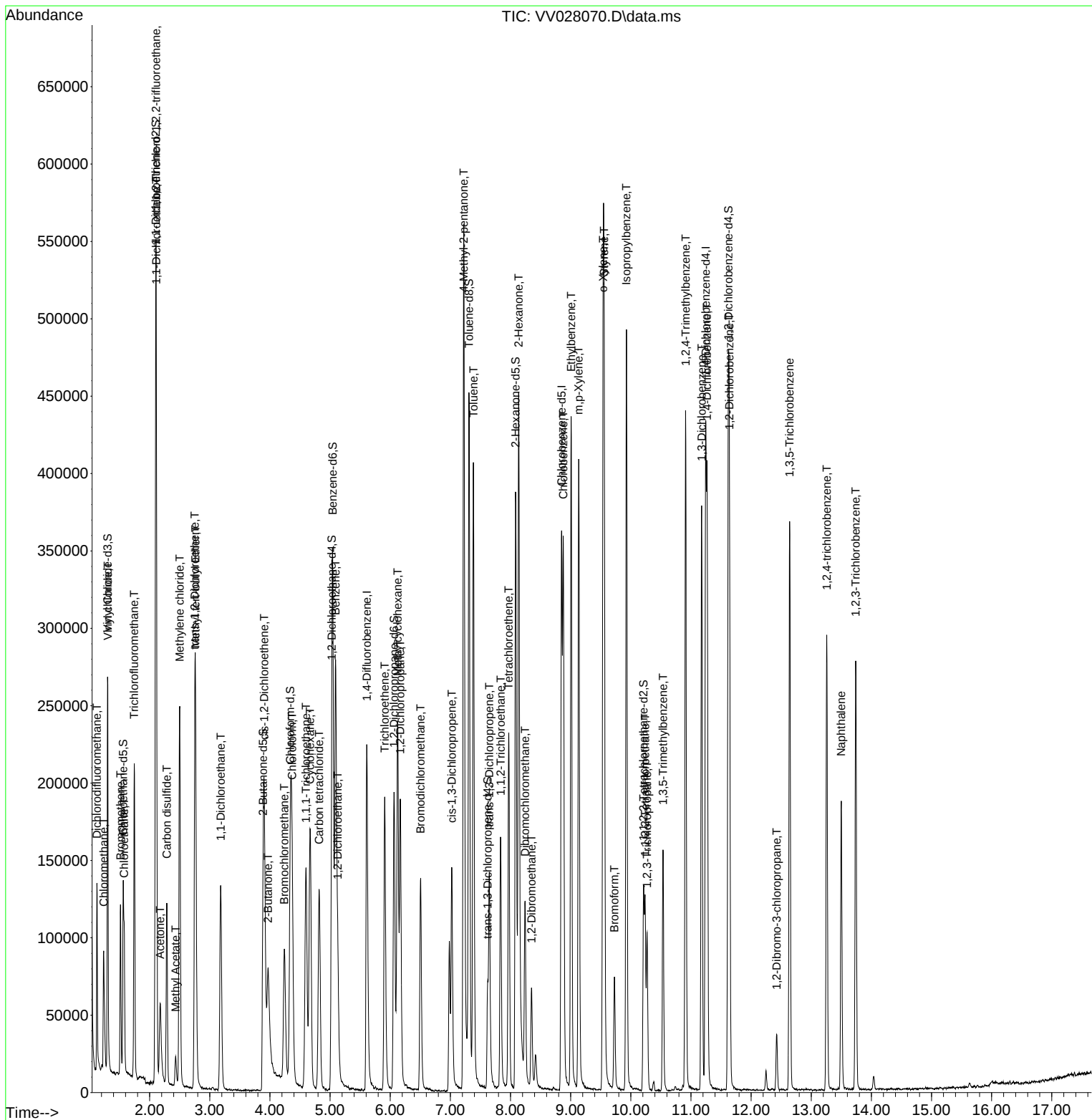
Instrument :
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 ClientSampleId :

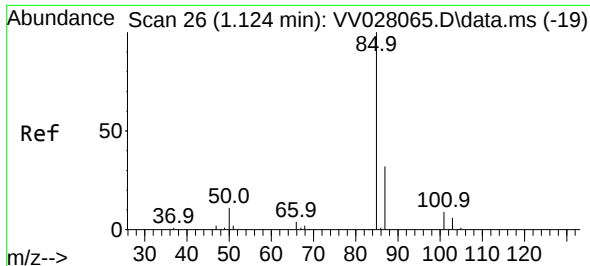
Quant Time: Sep 23 04:33:35 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 23 04:15:29 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	77186	5.188	ug/L #	95
29) 1,1,1-Trichloroethane	4.600	97	117721	4.870	ug/L	99
30) Cyclohexane	4.667	56	89407	5.114	ug/L	97
31) Carbon tetrachloride	4.818	117	97866	4.920	ug/L	99
33) Benzene	5.092	78	277835	5.086	ug/L	100
34) Trichloroethene	5.908	95	67045	4.930	ug/L	99
35) Methylcyclohexane	6.124	83	92700	4.971	ug/L	99
37) 1,2-Dichloropropane	6.169	63	74085	4.838	ug/L	100
38) Bromodichloromethane	6.506	83	93200	4.929	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	93617	4.921	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	411201	55.292	ug/L	97
42) Toluene	7.384	91	295337	5.183	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	80333	4.910	ug/L	95
45) 1,1,2-Trichloroethane	7.837	97	52535	5.118	ug/L	96
47) Tetrachloroethene	7.969	164	52328	4.821	ug/L	98
48) 2-Hexanone	8.136	43	304521	53.939	ug/L	98
49) Dibromochloromethane	8.243	129	61285	4.965	ug/L	98
50) 1,2-Dibromoethane	8.349	107	42736	4.790	ug/L	99
51) Chlorobenzene	8.879	112	187078	4.895	ug/L	97
52) Ethylbenzene	9.008	91	299140	4.962	ug/L	100
53) m,p-Xylene	9.133	106	115382	4.994	ug/L	99
54) o-Xylene	9.541	106	114203	5.006	ug/L	99
55) Styrene	9.558	104	203251	5.141	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	56960	4.762	ug/L	98
59) Bromoform	9.728	173	32993	5.147	ug/L	99
60) Isopropylbenzene	9.927	105	306971	5.180	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	42014	4.961	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	82236	4.926	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	236115	5.060	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	153080	5.191	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	150919	5.115	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	142724	5.123	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	9682	5.216	ug/L	87
69) 1,3,5-Trichlorobenzene	12.641	180	116287	4.982	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	91832	4.919	ug/L	99
71) Naphthalene	13.500	128	145736	4.767	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	86080	5.098	ug/L	98

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

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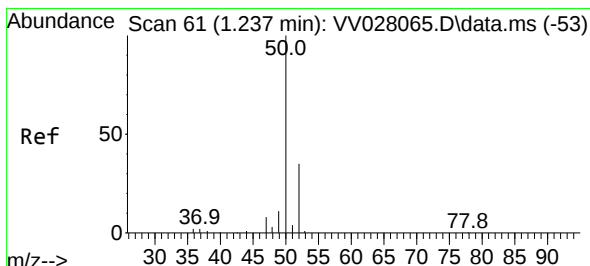
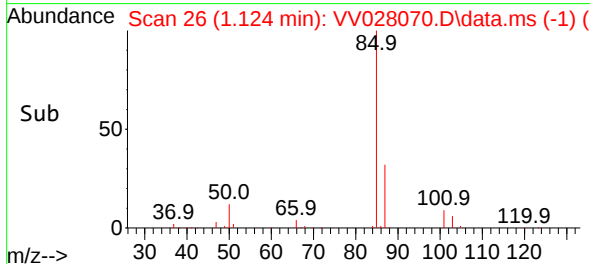
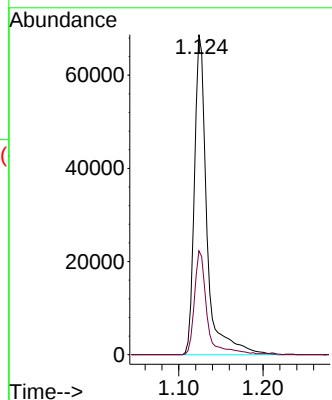
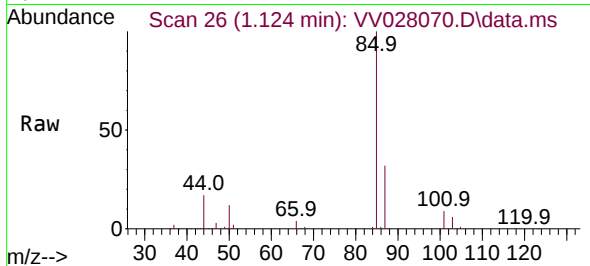




#2
 Dichlorodifluoromethane
 Concen: 4.825 ug/L
 RT: 1.124 min Scan# 26
 Delta R.T. -0.000 min
 Lab File: VV028070.D
 Acq: 22 Sep 2022 19:26

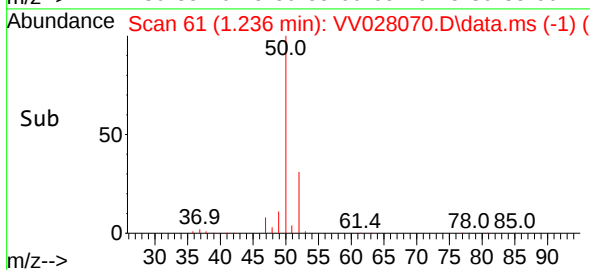
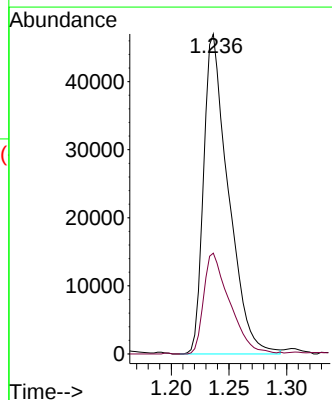
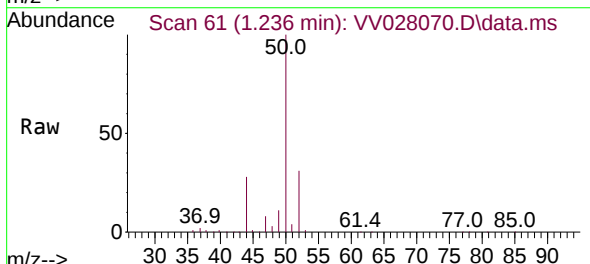
Instrument :
 MSVOA_V
 ClientSampleId :

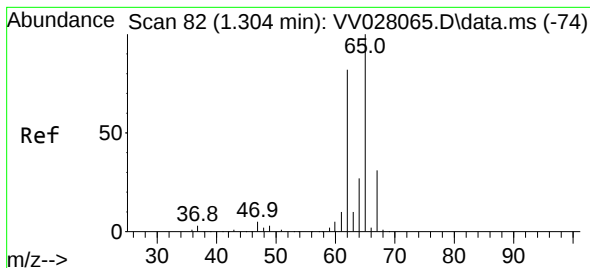
Tgt Ion: 85 Resp: 70991
 Ion Ratio Lower Upper
 85 100
 87 32.9 22.8 34.2



#3
 Chloromethane
 Concen: 3.592 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV028070.D
 Acq: 22 Sep 2022 19:26

Tgt Ion: 50 Resp: 69997
 Ion Ratio Lower Upper
 50 100
 52 31.5 24.4 45.2





#5

Vinyl chloride

Concen: 5.104 ug/L

RT: 1.304 min Scan# 82

Delta R.T. -0.000 min

Lab File: VV028070.D

Acq: 22 Sep 2022 19:26

Instrument :

MSVOA_V

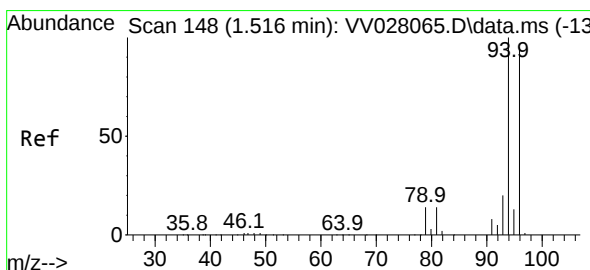
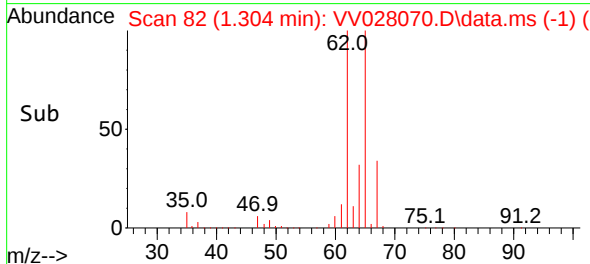
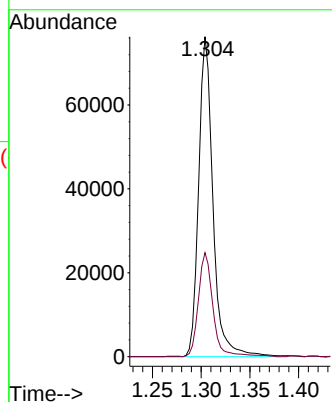
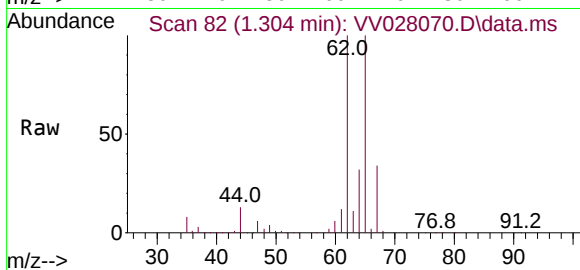
ClientSampleId :

Tgt Ion: 62 Resp: 77982

Ion Ratio Lower Upper

62 100

64 32.5 23.0 42.8



#6

Bromomethane

Concen: 4.809 ug/L

RT: 1.516 min Scan# 148

Delta R.T. -0.000 min

Lab File: VV028070.D

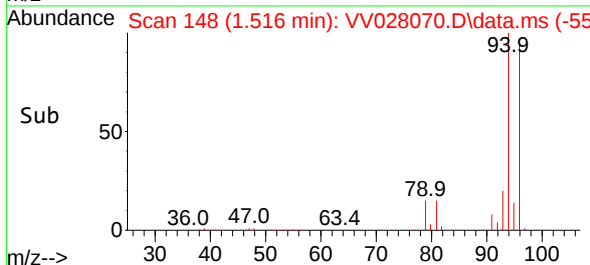
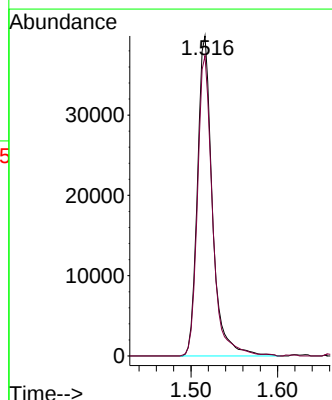
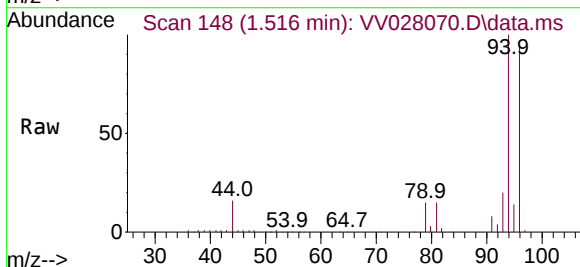
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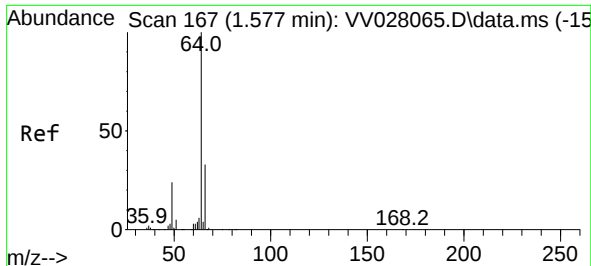
Tgt Ion: 94 Resp: 47845

Ion Ratio Lower Upper

94 100

96 93.8 66.7 123.9

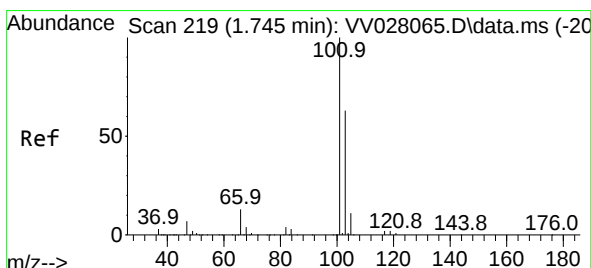
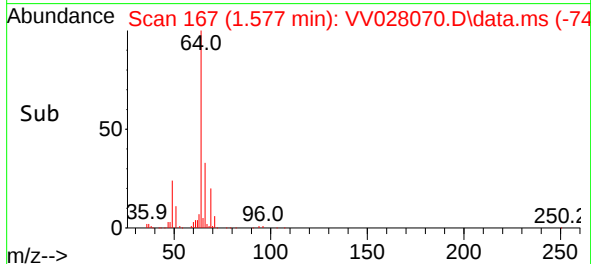
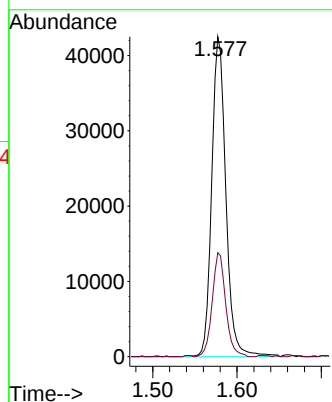
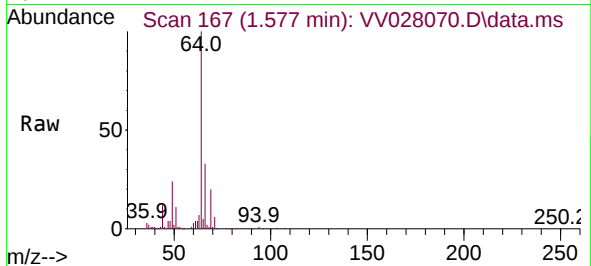




#8
Chloroethane
Concen: 4.844 ug/L
RT: 1.577 min Scan# 167
Delta R.T. -0.000 min
Lab File: VV028070.D
Acq: 22 Sep 2022 19:26

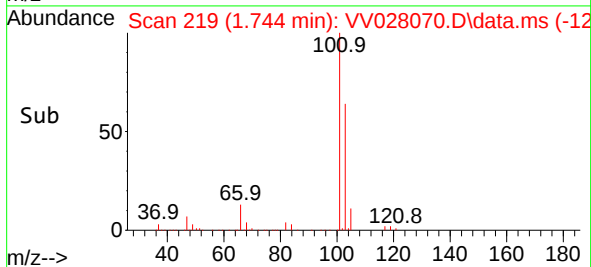
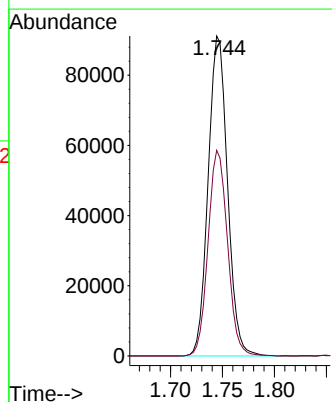
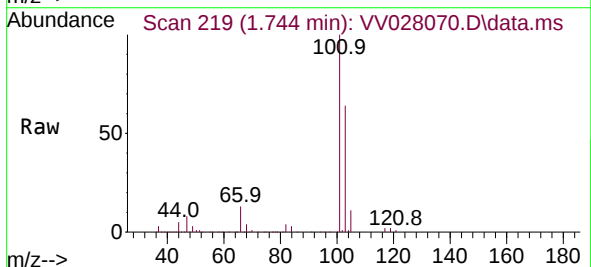
Instrument :
MSVOA_V
ClientSampleId :

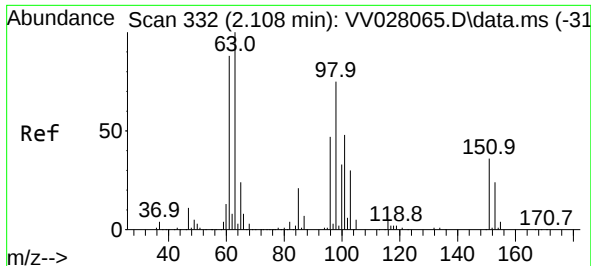
Tgt Ion: 64 Resp: 49628
Ion Ratio Lower Upper
64 100
66 32.5 23.0 42.8



#9
Trichlorofluoromethane
Concen: 4.867 ug/L
RT: 1.744 min Scan# 219
Delta R.T. -0.000 min
Lab File: VV028070.D
Acq: 22 Sep 2022 19:26

Tgt Ion:101 Resp: 118054
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.0

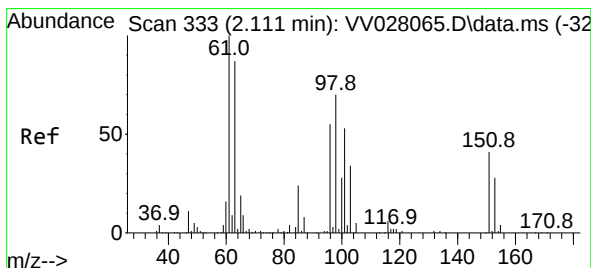
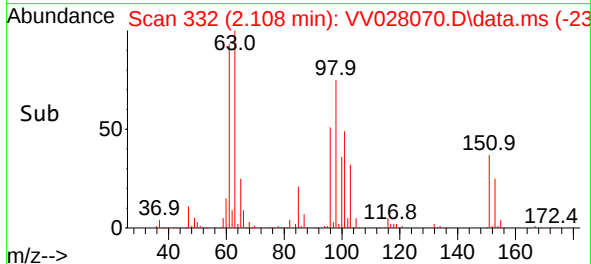
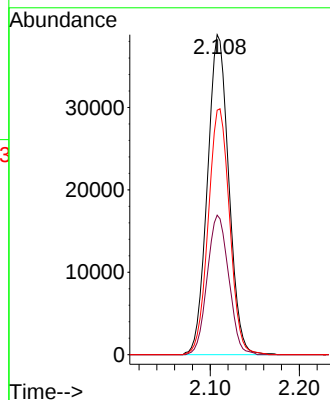
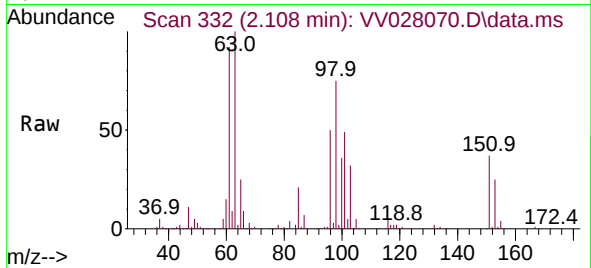




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.625 ug/L
 RT: 2.108 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VV028070.D
 Acq: 22 Sep 2022 19:26

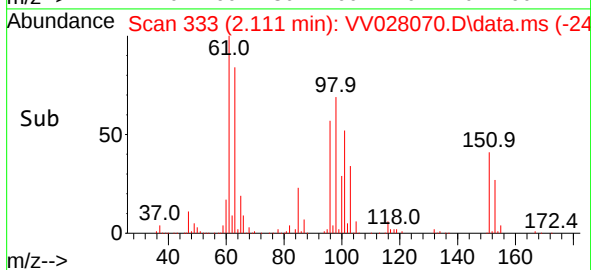
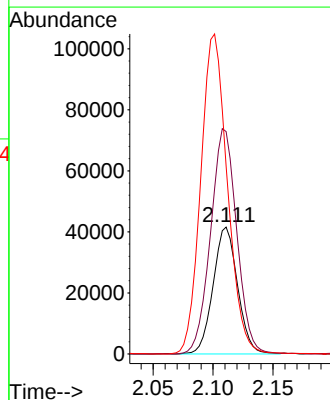
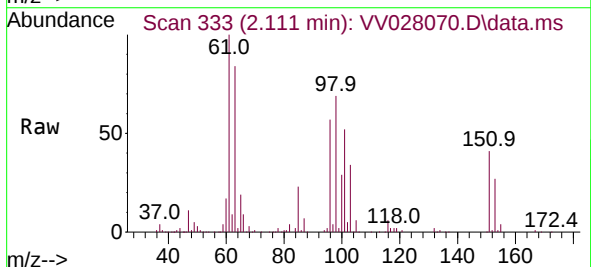
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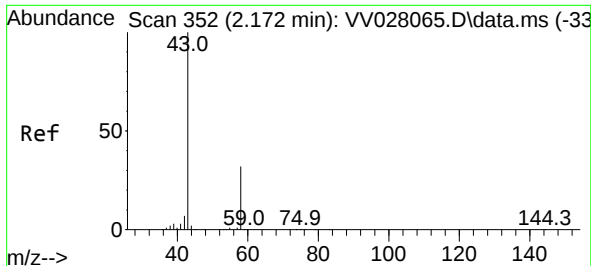
Tgt Ion:101 Resp: 64647
 Ion Ratio Lower Upper
 101 100
 85 43.8 34.4 51.6
 151 76.9 61.1 91.7



#12
 1,1-Dichloroethene
 Concen: 4.323 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VV028070.D
 Acq: 22 Sep 2022 19:26

Tgt Ion: 96 Resp: 58857
 Ion Ratio Lower Upper
 96 100
 61 175.4 128.3 238.3
 63 148.2 112.7 209.3





#13

Acetone

Concen: 33.344 ug/L

RT: 2.175 min Scan# 352

Delta R.T. 0.003 min

Lab File: VV028070.D

Acq: 22 Sep 2022 19:26

Instrument :

MSVOA_V

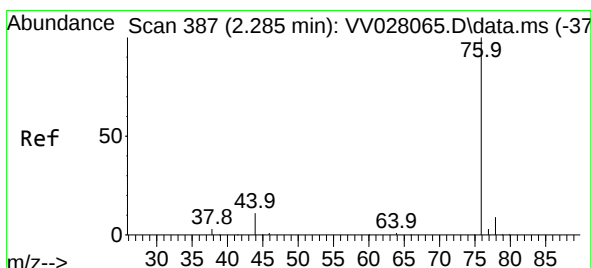
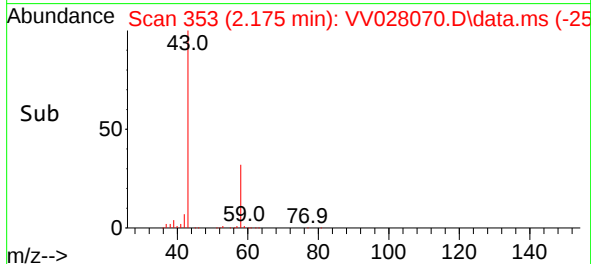
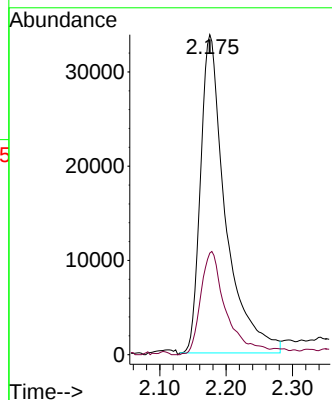
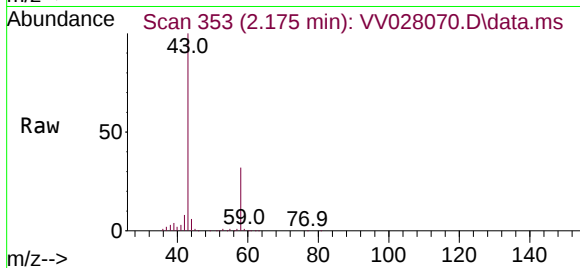
ClientSampleId :

Tgt Ion: 43 Resp: 88562

Ion Ratio Lower Upper

43 100

58 33.0 0.0 65.6



#14

Carbon disulfide

Concen: 4.976 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.000 min

Lab File: VV028070.D

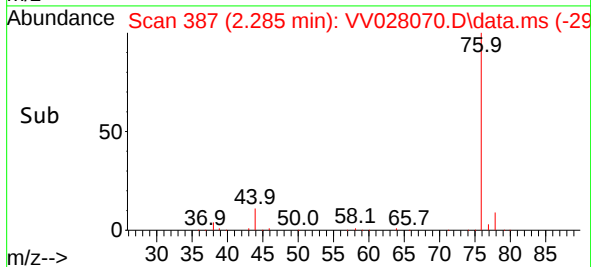
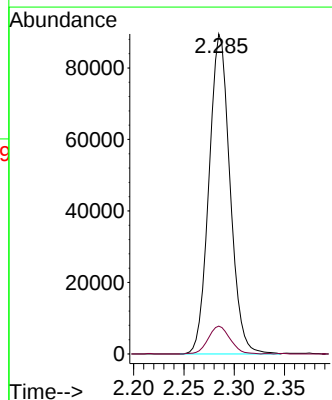
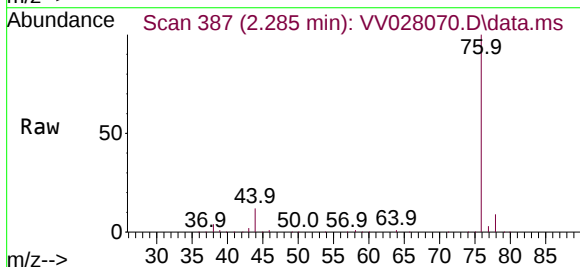
Acq: 22 Sep 2022 19:26

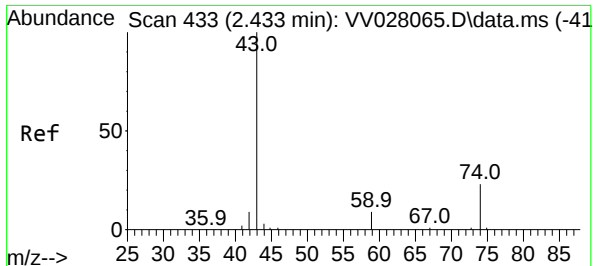
Tgt Ion: 76 Resp: 130002

Ion Ratio Lower Upper

76 100

78 8.7 7.6 11.4





#15

Methyl Acetate

Concen: 4.453 ug/L

RT: 2.432 min Scan# 41

Delta R.T. -0.000 min

Lab File: VV028070.D

Acq: 22 Sep 2022 19:26

Instrument :

MSVOA_V

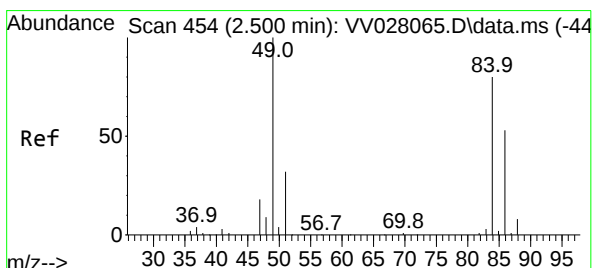
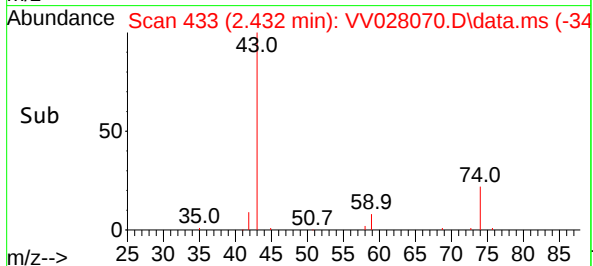
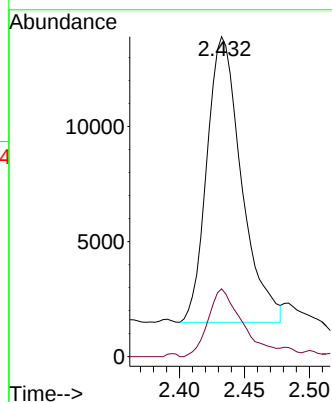
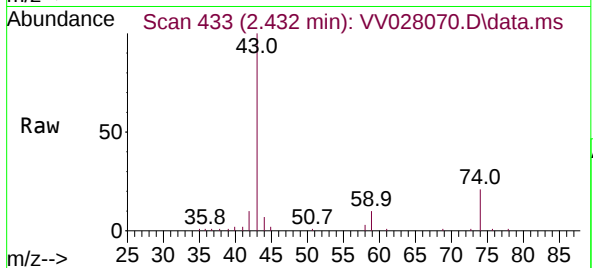
ClientSampleId :

Tgt Ion: 43 Resp: 22957

Ion Ratio Lower Upper

43 100

74 23.4 16.9 25.3



#16

Methylene chloride

Concen: 6.700 ug/L

RT: 2.500 min Scan# 454

Delta R.T. -0.000 min

Lab File: VV028070.D

Acq: 22 Sep 2022 19:26

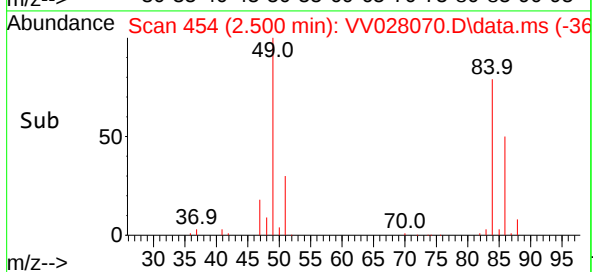
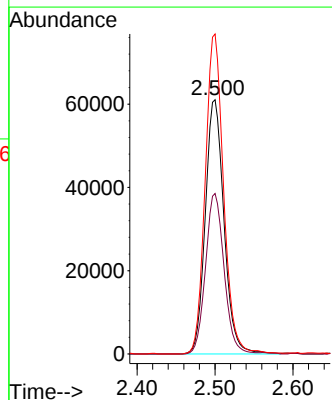
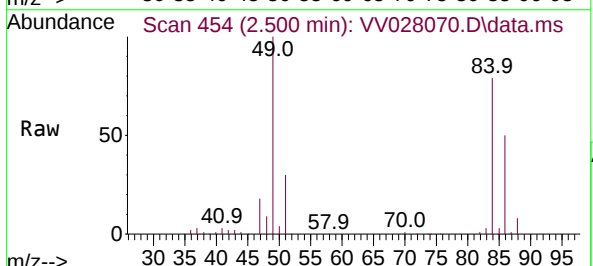
Tgt Ion: 84 Resp: 101829

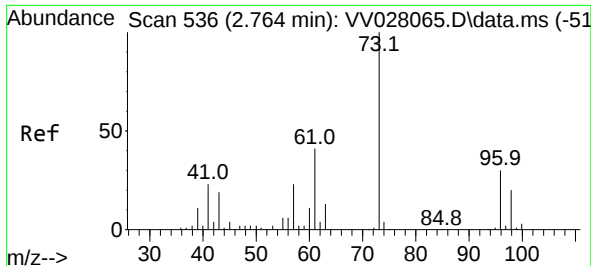
Ion Ratio Lower Upper

84 100

86 63.1 46.8 86.8

49 125.9 87.5 162.5

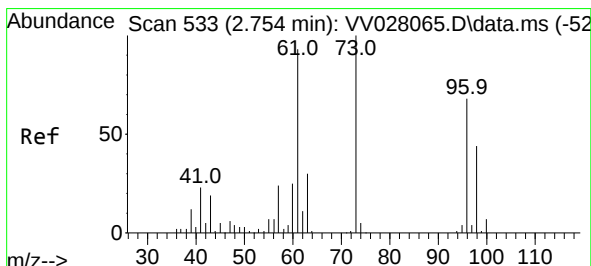
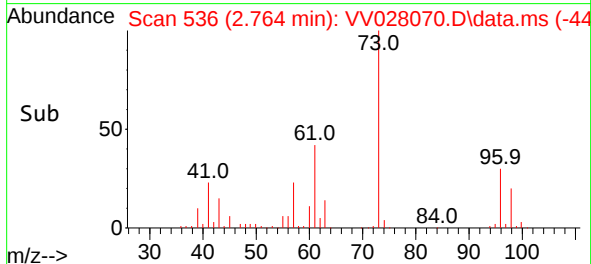
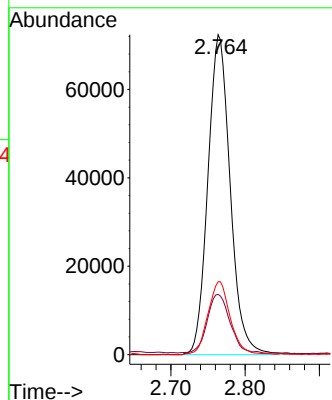
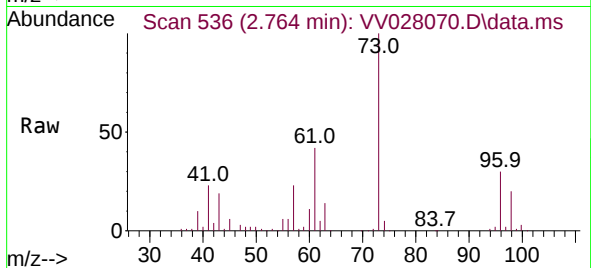




#17
Methyl tert-butyl Ether
Concen: 5.156 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV028070.D
Acq: 22 Sep 2022 19:26

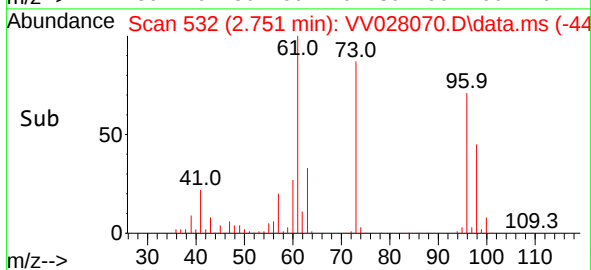
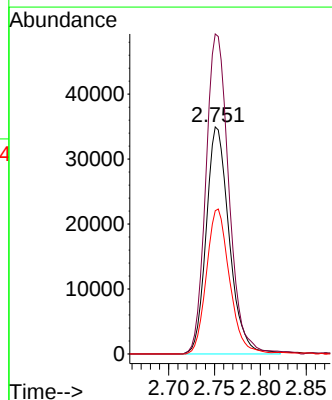
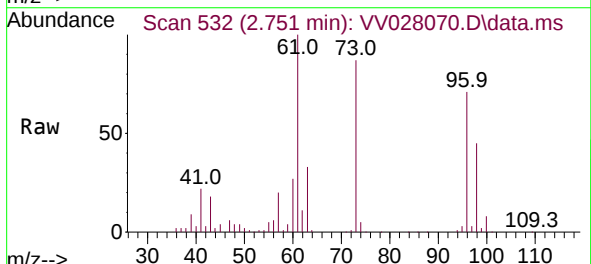
Instrument :
MSVOA_V
ClientSampleId :

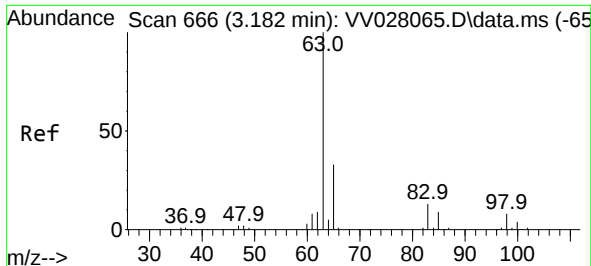
Tgt Ion: 73 Resp: 151022
Ion Ratio Lower Upper
73 100
43 18.8 15.7 23.5
57 22.9 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.122 ug/L
RT: 2.751 min Scan# 532
Delta R.T. -0.003 min
Lab File: VV028070.D
Acq: 22 Sep 2022 19:26

Tgt Ion: 96 Resp: 61047
Ion Ratio Lower Upper
96 100
61 140.9 96.2 178.6
98 63.0 45.7 84.9





#19

1,1-Dichloroethane

Concen: 5.220 ug/L

RT: 3.182 min Scan# 666

Delta R.T. -0.000 min

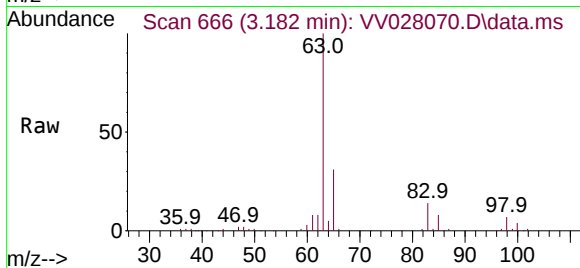
Lab File: VV028070.D

Acq: 22 Sep 2022 19:26

Instrument :

MSVOA_V

ClientSampleId :



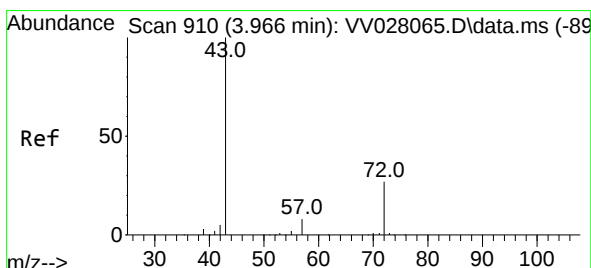
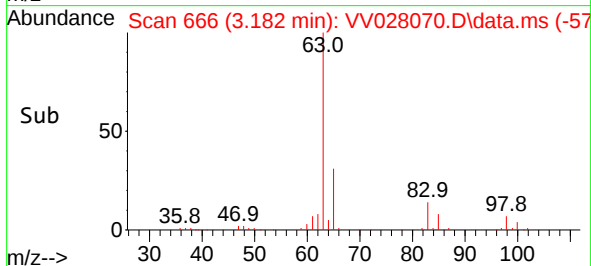
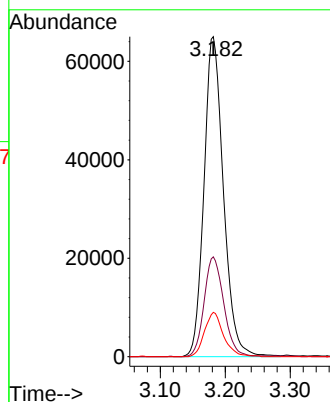
Tgt Ion: 63 Resp: 135711

Ion Ratio Lower Upper

63 100

65 31.2 23.0 42.8

83 13.8 9.2 17.2



#21

2-Butanone

Concen: 42.090 ug/L

RT: 3.969 min Scan# 911

Delta R.T. 0.003 min

Lab File: VV028070.D

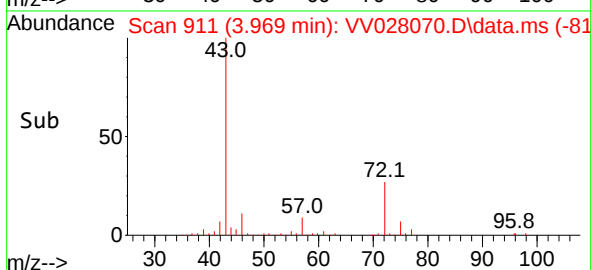
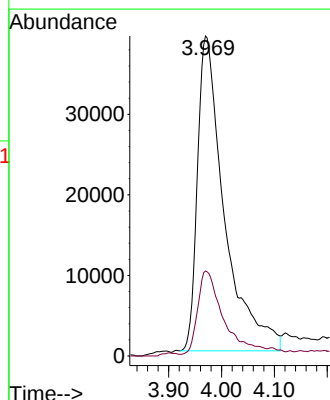
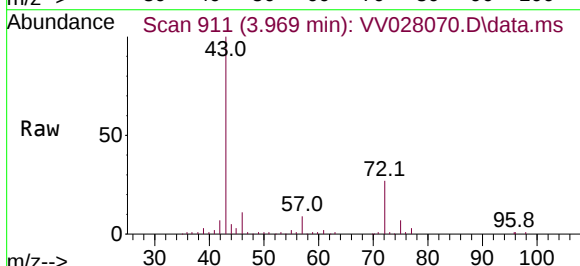
Acq: 22 Sep 2022 19:26

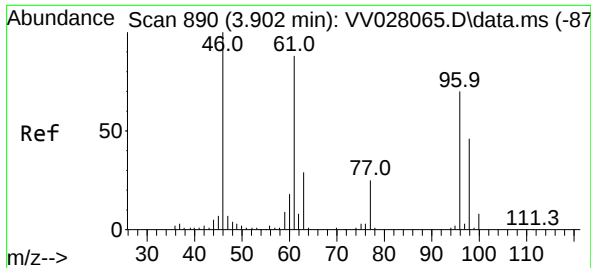
Tgt Ion: 43 Resp: 138401

Ion Ratio Lower Upper

43 100

72 25.7 12.7 38.1

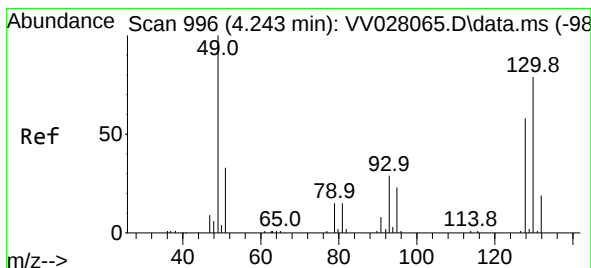
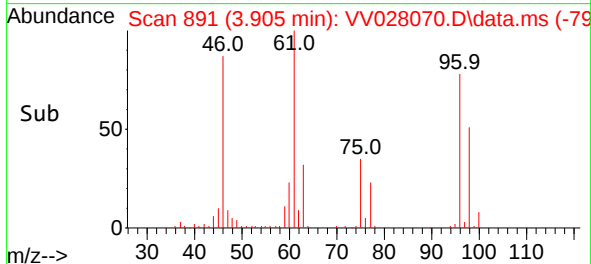
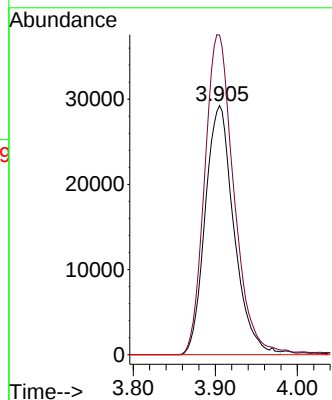
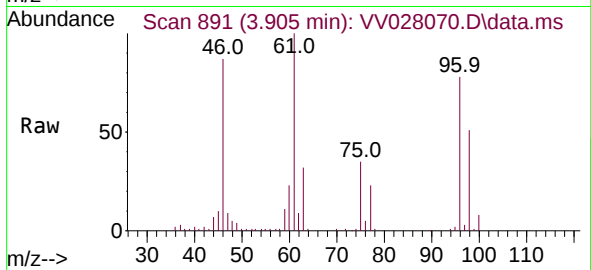




#22
 cis-1,2-Dichloroethene
 Concen: 4.561 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV028070.D
 Acq: 22 Sep 2022 19:26

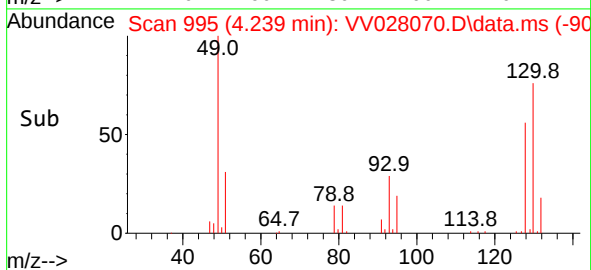
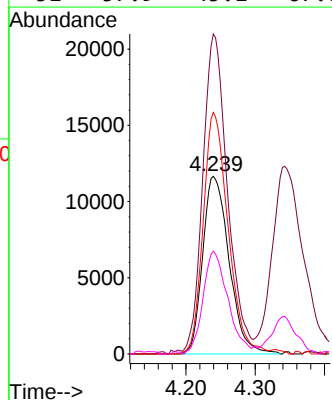
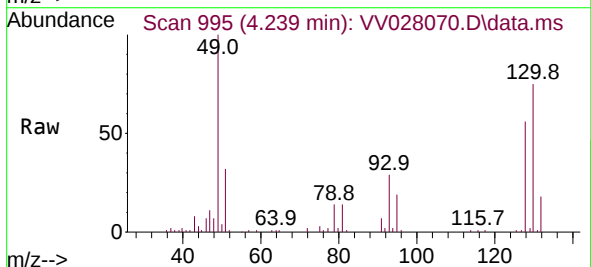
Instrument :
 MSVOA_V
 ClientSampleId :

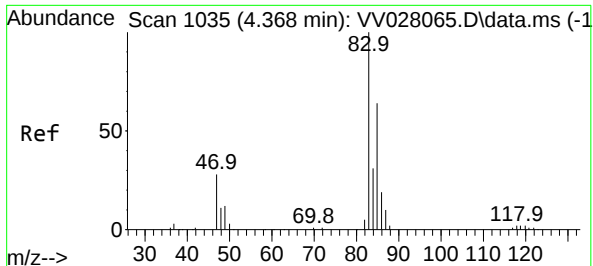
Tgt Ion: 96 Resp: 71329
 Ion Ratio Lower Upper
 96 100
 61 128.2 87.2 161.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.922 ug/L
 RT: 4.239 min Scan# 995
 Delta R.T. -0.003 min
 Lab File: VV028070.D
 Acq: 22 Sep 2022 19:26

Tgt Ion: 128 Resp: 30823
 Ion Ratio Lower Upper
 128 100
 49 180.2 119.9 222.7
 130 136.0 94.6 175.8
 51 57.9 45.1 67.7





#25

Chloroform

Concen: 4.994 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VV028070.D

Acq: 22 Sep 2022 19:26

Instrument :

MSVOA_V

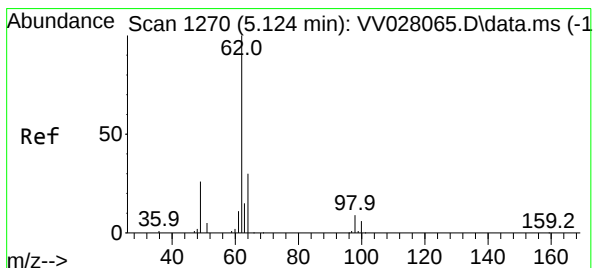
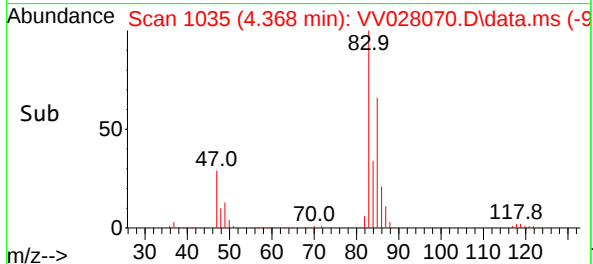
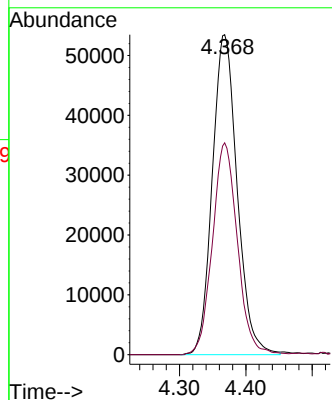
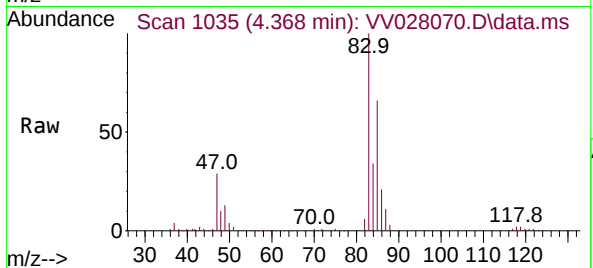
ClientSampleId :

Tgt Ion: 83 Resp: 139338

Ion Ratio Lower Upper

83 100

85 66.2 45.1 83.7



#27

1,2-Dichloroethane

Concen: 5.188 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.003 min

Lab File: VV028070.D

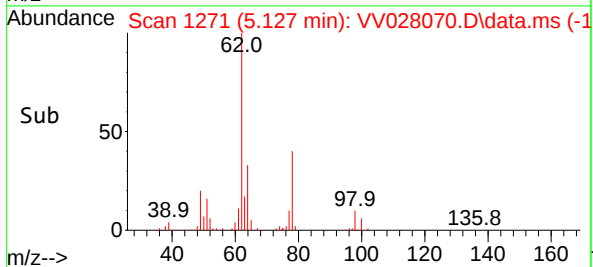
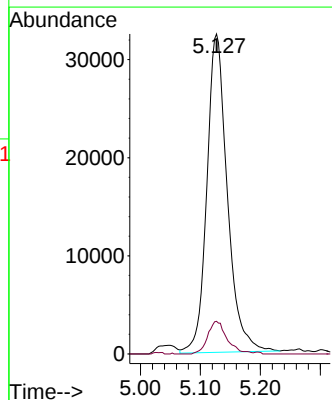
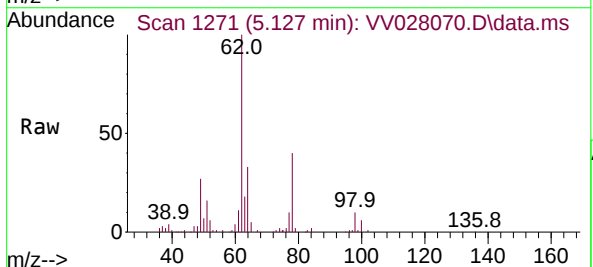
Acq: 22 Sep 2022 19:26

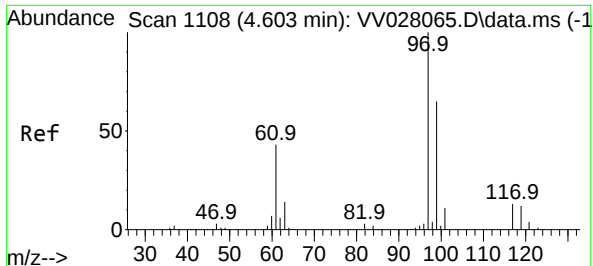
Tgt Ion: 62 Resp: 77186

Ion Ratio Lower Upper

62 100

98 10.2 6.7 10.1#





#29

1,1,1-Trichloroethane

Concen: 4.870 ug/L

RT: 4.600 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV028070.D

Acq: 22 Sep 2022 19:26

Instrument :

MSVOA_V

ClientSampleId :

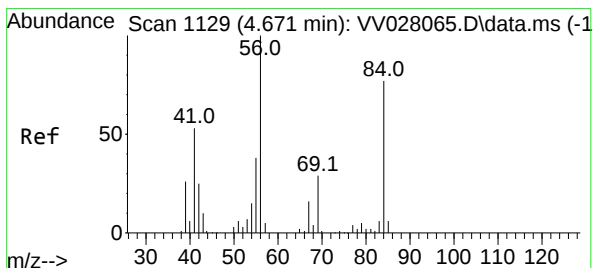
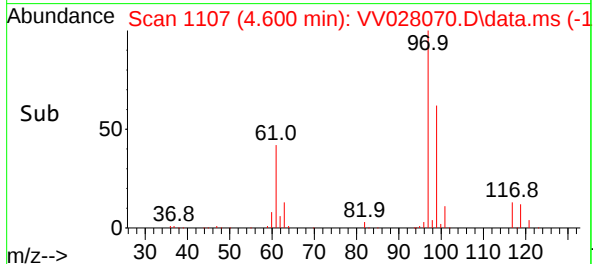
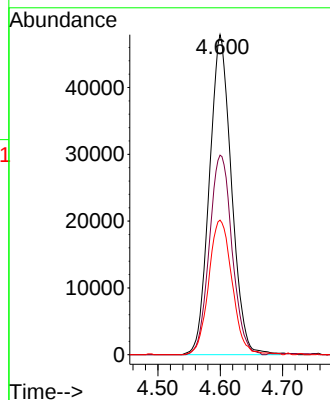
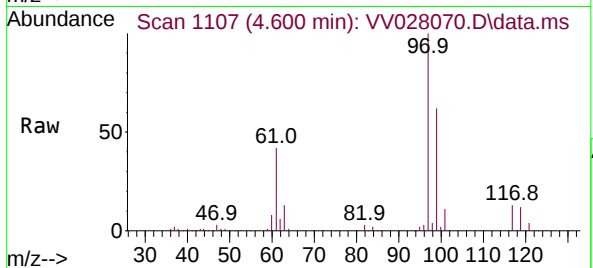
Tgt Ion: 97 Resp: 117721

Ion Ratio Lower Upper

97 100

99 64.2 51.9 77.9

61 44.7 34.8 52.2



#30

Cyclohexane

Concen: 5.114 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.003 min

Lab File: VV028070.D

Acq: 22 Sep 2022 19:26

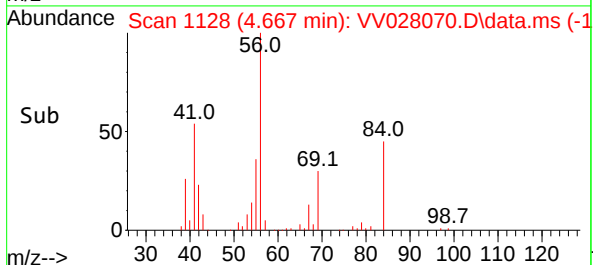
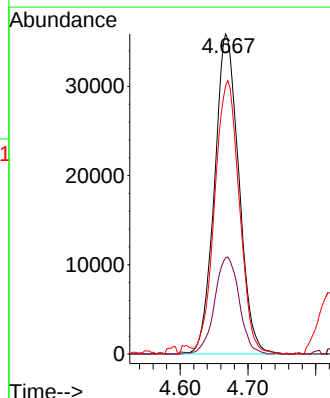
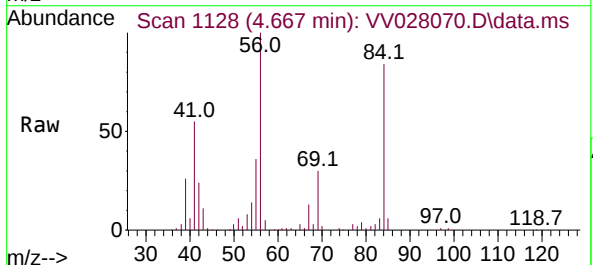
Tgt Ion: 56 Resp: 89407

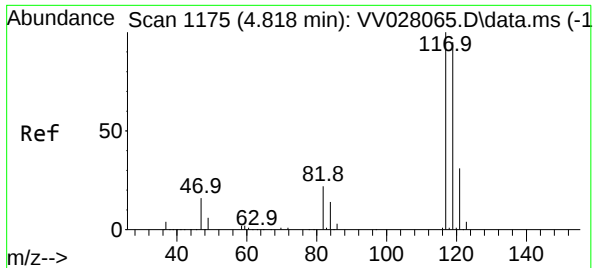
Ion Ratio Lower Upper

56 100

69 30.5 23.7 35.5

84 86.8 67.3 100.9

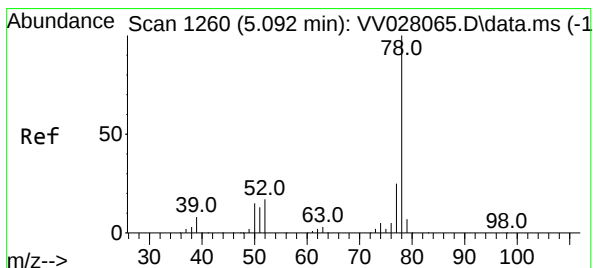
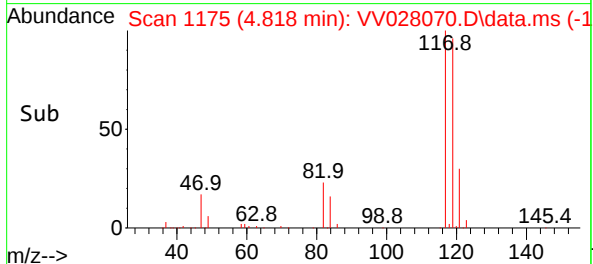
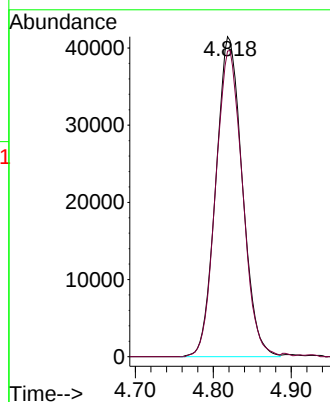
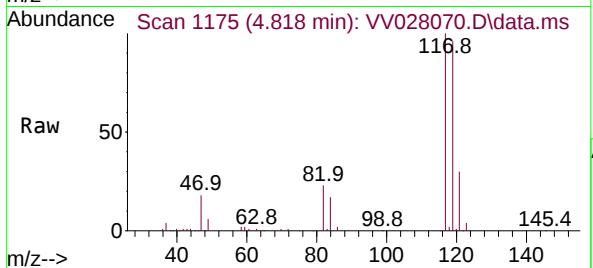




#31
Carbon tetrachloride
Concen: 4.920 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. -0.000 min
Lab File: VV028070.D
Acq: 22 Sep 2022 19:26

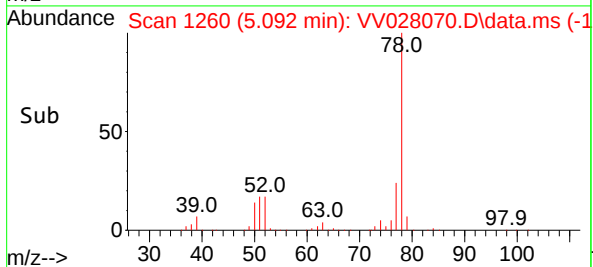
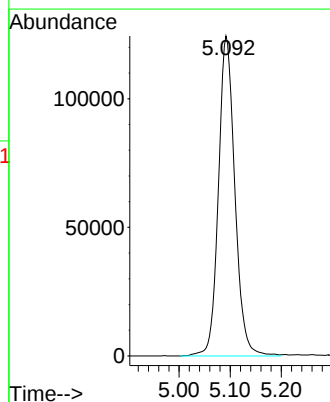
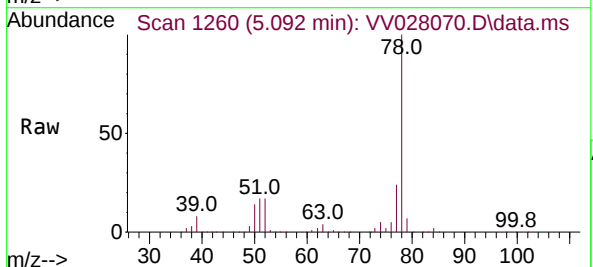
Instrument :
MSVOA_V
ClientSampleId :

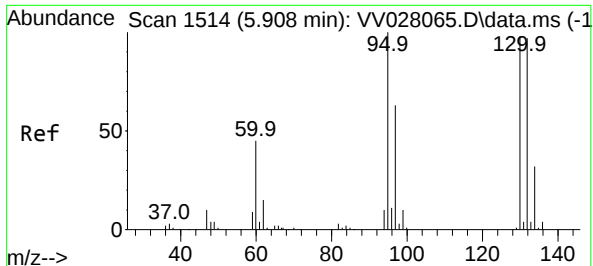
Tgt Ion:117 Resp: 97866
Ion Ratio Lower Upper
117 100
119 96.8 76.9 115.3



#33
Benzene
Concen: 5.086 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VV028070.D
Acq: 22 Sep 2022 19:26

Tgt Ion: 78 Resp: 277835

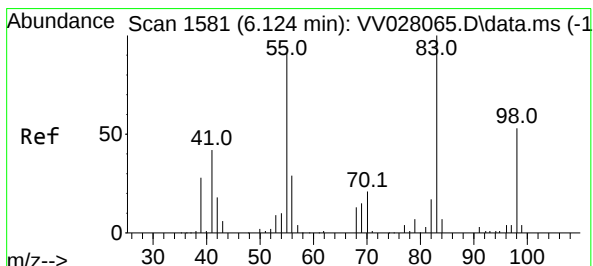
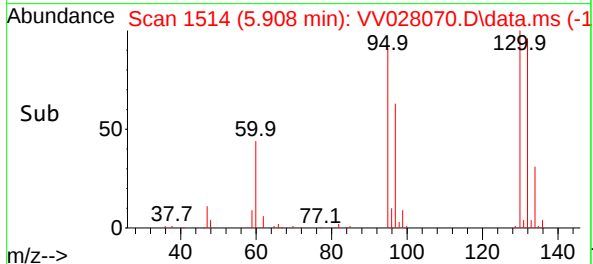
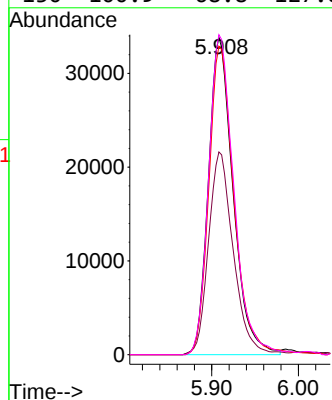
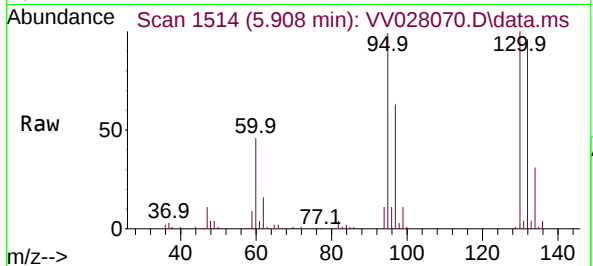




#34
Trichloroethene
Concen: 4.930 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VV028070.D
Acq: 22 Sep 2022 19:26

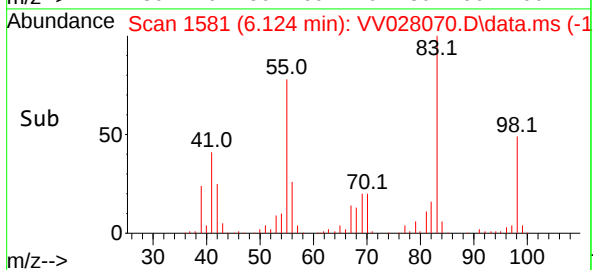
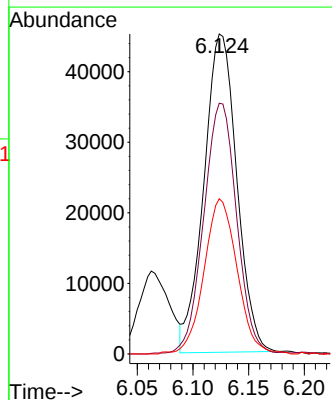
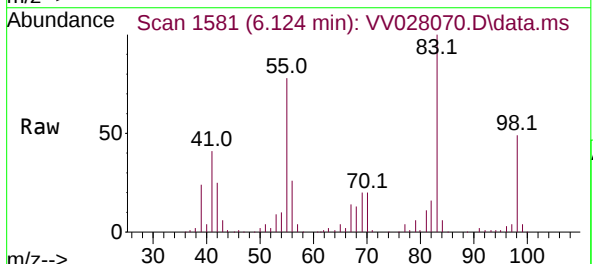
Instrument :
MSVOA_V
ClientSampleId :

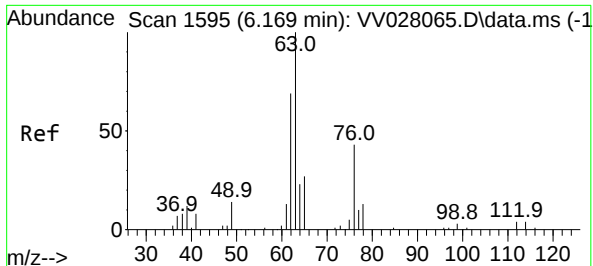
Tgt Ion: 95 Resp: 67045
Ion Ratio Lower Upper
95 100
97 63.9 44.2 82.0
132 97.3 67.8 126.0
130 100.9 68.8 127.8



#35
Methylcyclohexane
Concen: 4.971 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.000 min
Lab File: VV028070.D
Acq: 22 Sep 2022 19:26

Tgt Ion: 83 Resp: 92700
Ion Ratio Lower Upper
83 100
55 79.2 64.7 97.1
98 49.1 39.5 59.3





#37

1,2-Dichloropropane

Concen: 4.838 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV028070.D

Acq: 22 Sep 2022 19:26

Instrument :

MSVOA_V

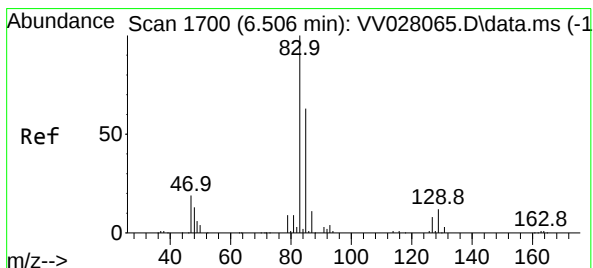
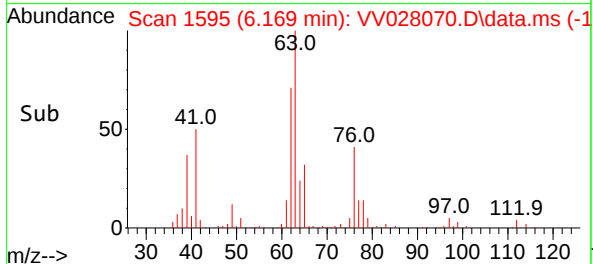
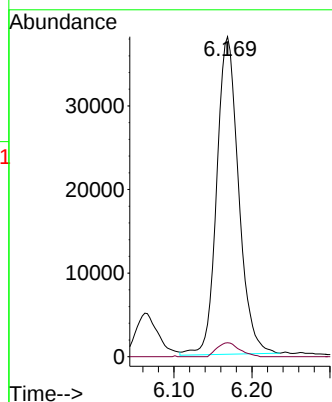
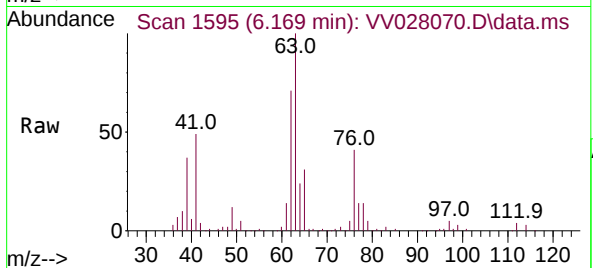
ClientSampleId :

Tgt Ion: 63 Resp: 74085

Ion Ratio Lower Upper

63 100

112 4.5 3.5 5.3



#38

Bromodichloromethane

Concen: 4.929 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VV028070.D

Acq: 22 Sep 2022 19:26

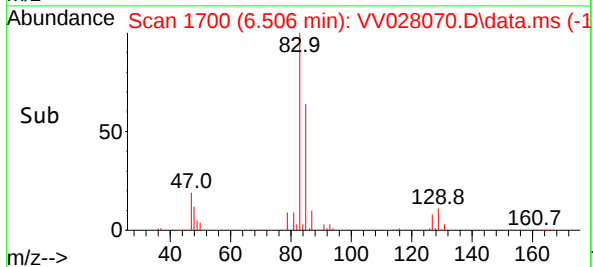
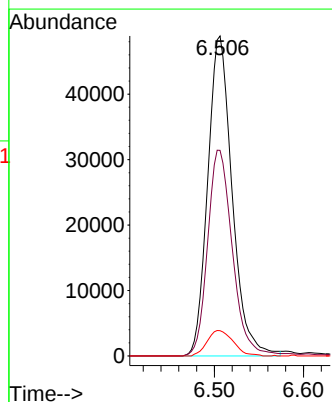
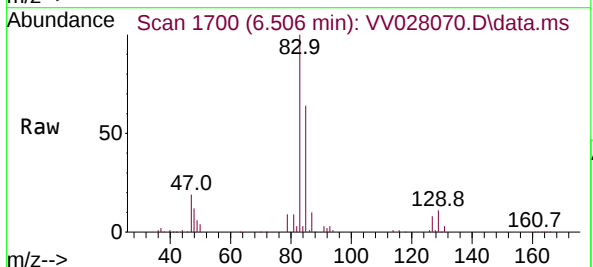
Tgt Ion: 83 Resp: 93200

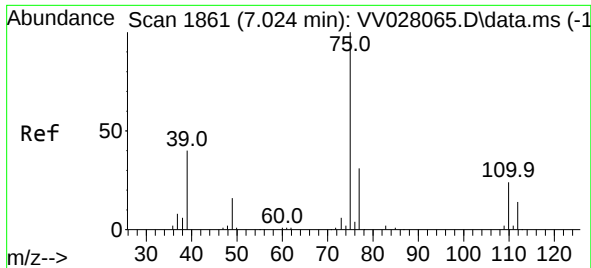
Ion Ratio Lower Upper

83 100

85 64.2 43.8 81.4

127 7.9 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.921 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV028070.D

Acq: 22 Sep 2022 19:26

Instrument :

MSVOA_V

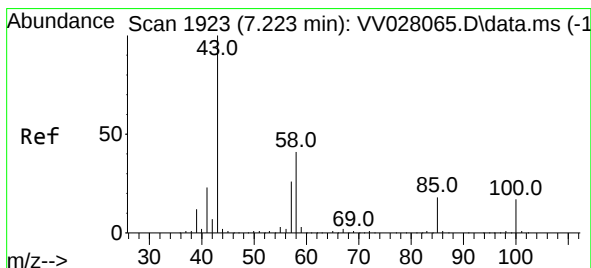
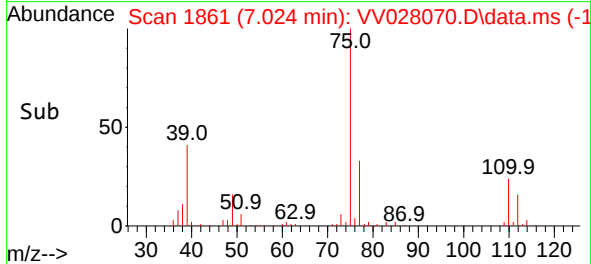
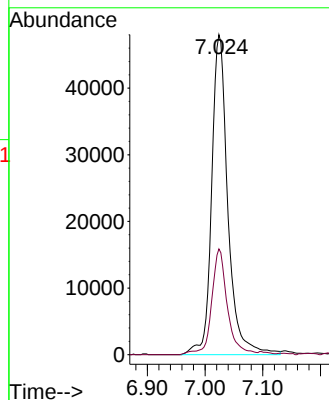
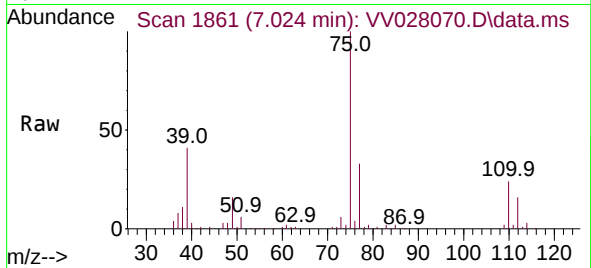
ClientSampleId :

Tgt Ion: 75 Resp: 93617

Ion Ratio Lower Upper

75 100

77 33.1 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 55.292 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV028070.D

Acq: 22 Sep 2022 19:26

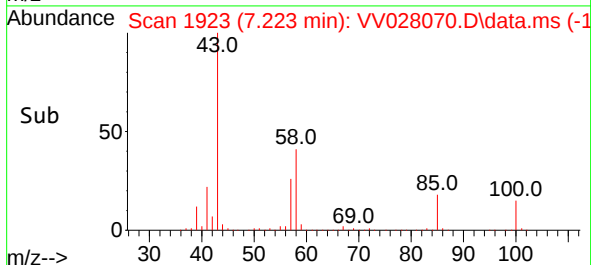
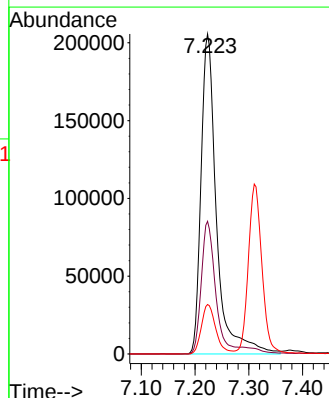
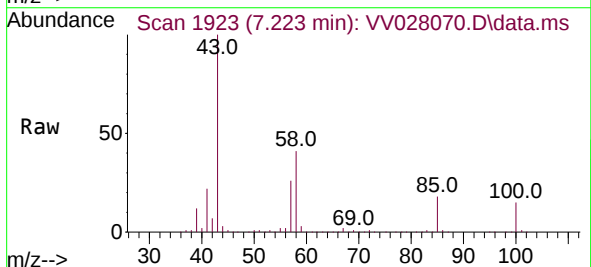
Tgt Ion: 43 Resp: 411201

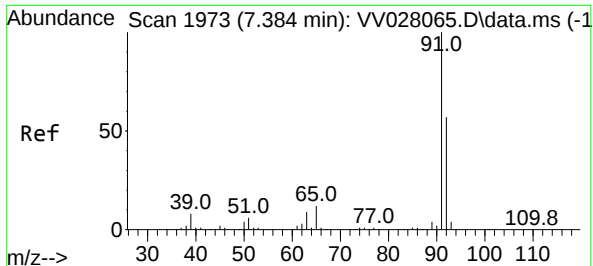
Ion Ratio Lower Upper

43 100

58 38.3 32.2 48.4

100 14.5 12.7 19.1





#42

Toluene

Concen: 5.183 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV028070.D

Acq: 22 Sep 2022 19:26

Instrument :

MSVOA_V

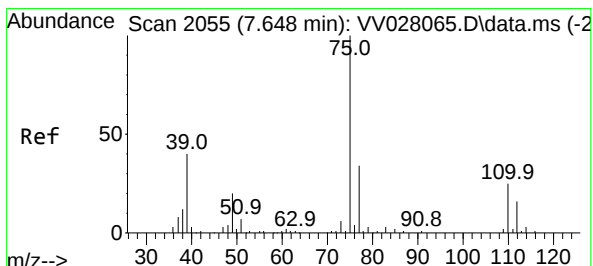
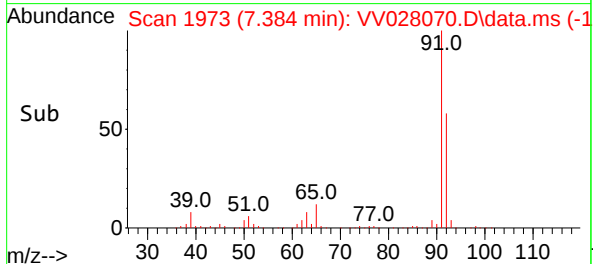
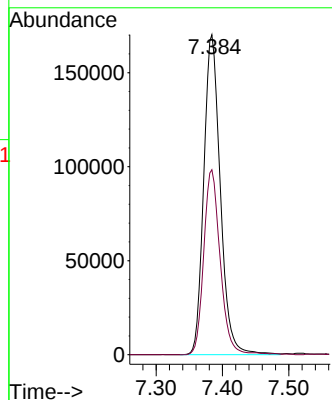
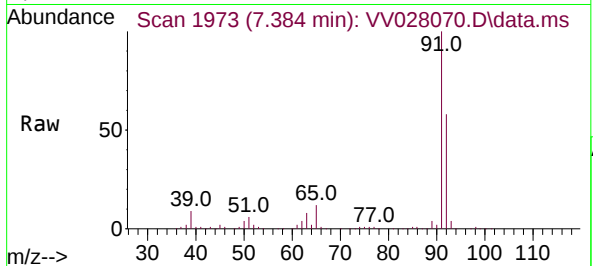
ClientSampleId :

Tgt Ion: 91 Resp: 295337

Ion Ratio Lower Upper

91 100

92 57.8 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 4.910 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VV028070.D

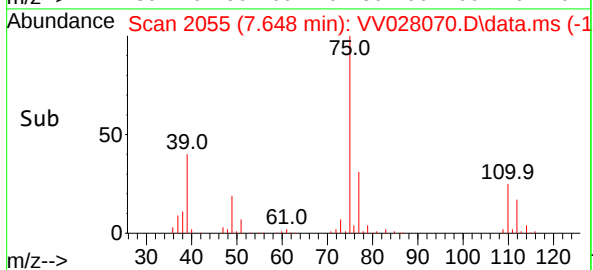
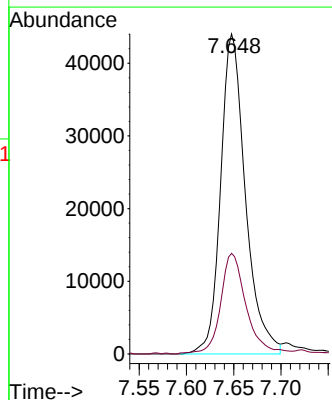
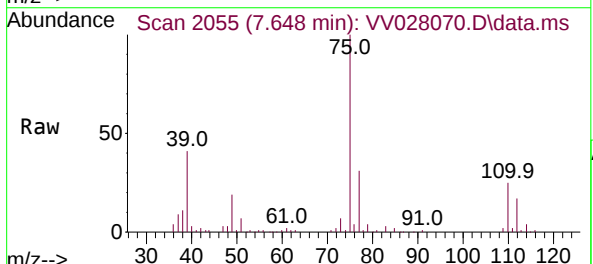
Acq: 22 Sep 2022 19:26

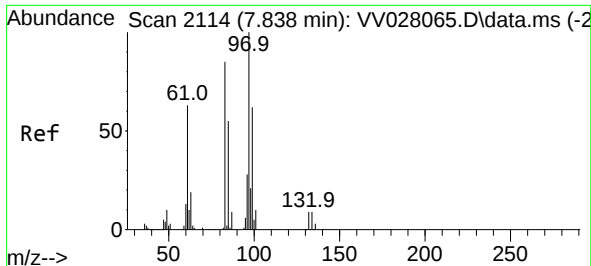
Tgt Ion: 75 Resp: 80333

Ion Ratio Lower Upper

75 100

77 31.5 23.9 44.3

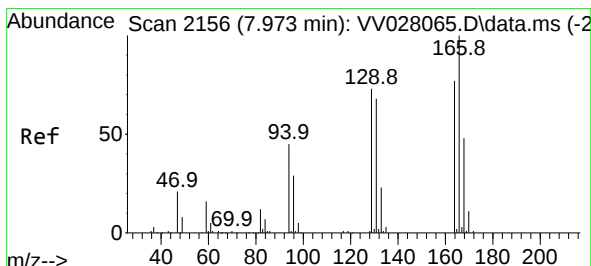
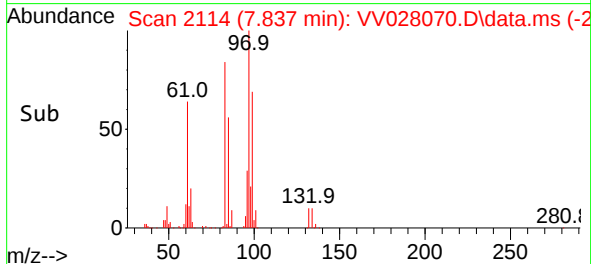
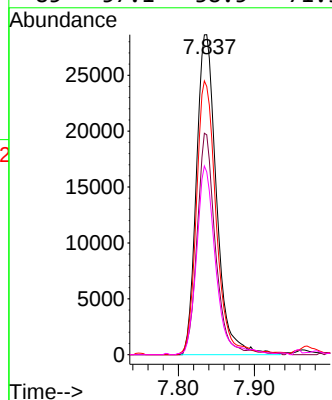
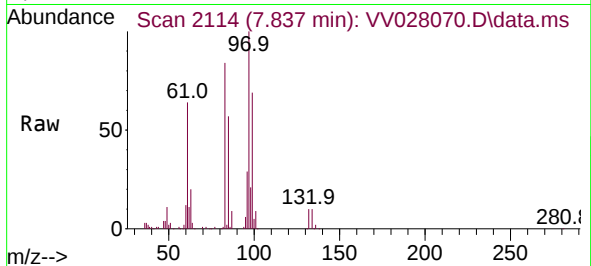




#45
1,1,2-Trichloroethane
Concen: 5.118 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VV028070.D
Acq: 22 Sep 2022 19:26

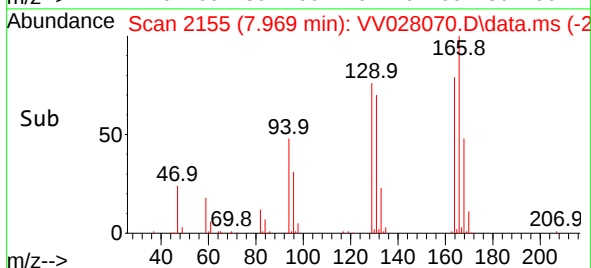
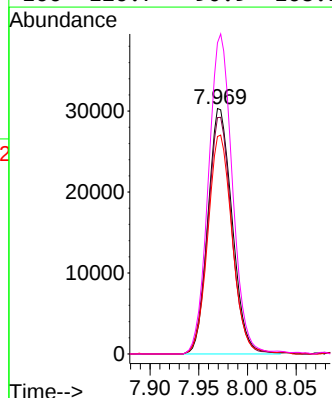
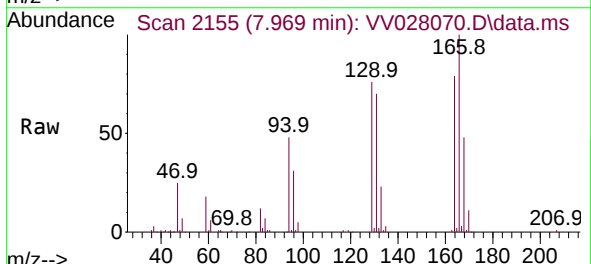
Instrument :
MSVOA_V
ClientSampleId :

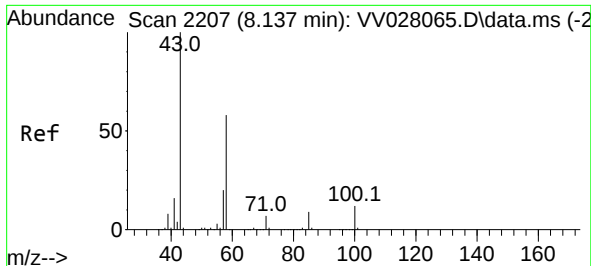
Tgt Ion:	97	Resp:	52535
Ion	Ratio	Lower	Upper
97	100		
99	68.7	43.2	80.2
83	83.8	59.1	109.9
85	57.1	38.5	71.5



#47
Tetrachloroethene
Concen: 4.821 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.003 min
Lab File: VV028070.D
Acq: 22 Sep 2022 19:26

Tgt Ion:	164	Resp:	52328
Ion	Ratio	Lower	Upper
164	100		
129	96.3	66.7	123.9
131	88.6	61.7	114.5
166	126.7	90.9	168.9

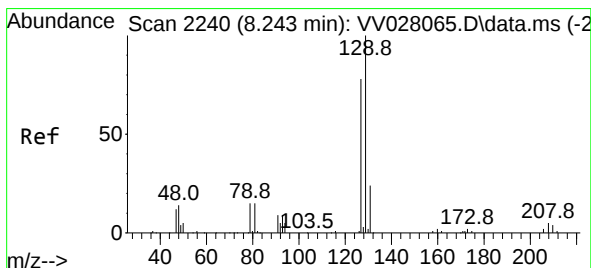
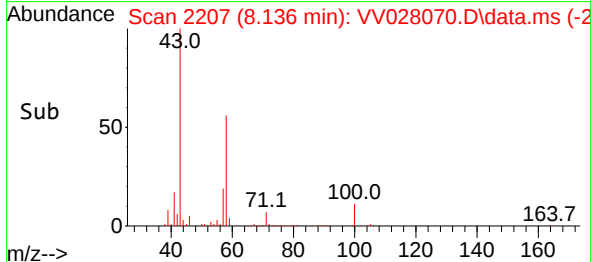
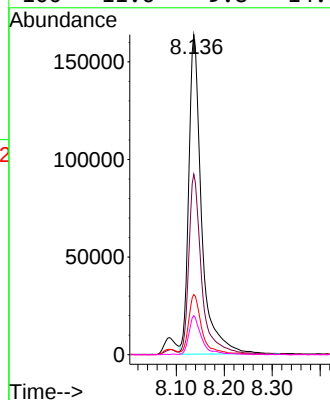
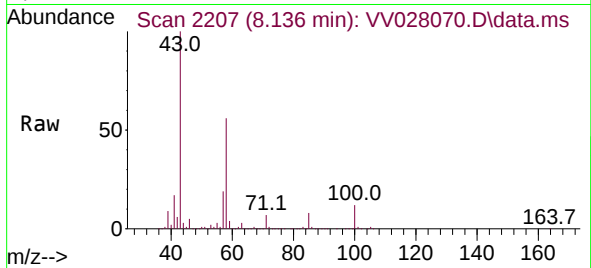




#48
2-Hexanone
Concen: 53.939 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028070.D
Acq: 22 Sep 2022 19:26

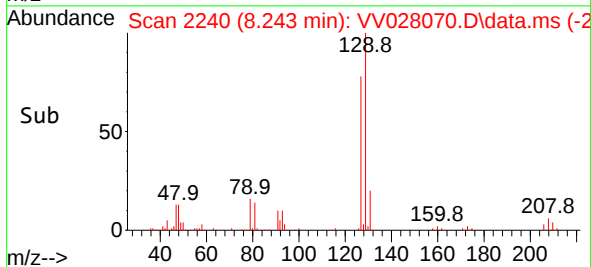
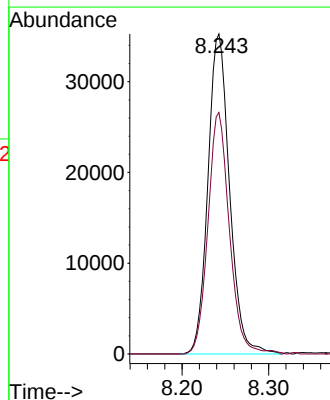
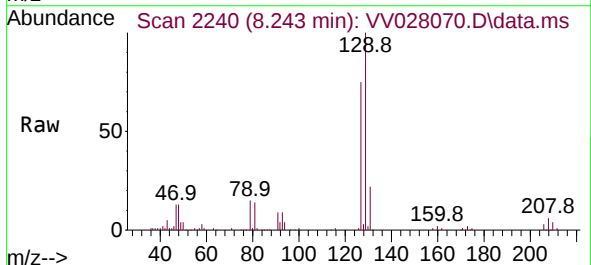
Instrument :
MSVOA_V
ClientSampleId :

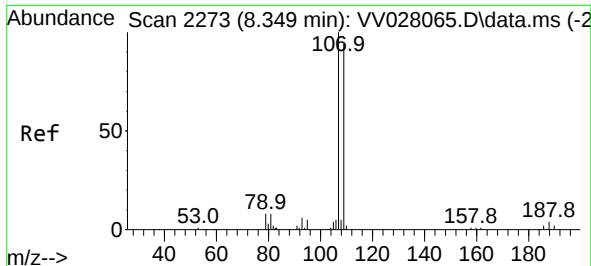
Tgt Ion: 43 Resp: 304521
Ion Ratio Lower Upper
43 100
58 55.6 45.7 68.5
57 18.4 15.5 23.3
100 11.6 9.8 14.6



#49
Dibromochloromethane
Concen: 4.965 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV028070.D
Acq: 22 Sep 2022 19:26

Tgt Ion: 129 Resp: 61285
Ion Ratio Lower Upper
129 100
127 75.4 54.3 100.9





#50

1,2-Dibromoethane

Concen: 4.790 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

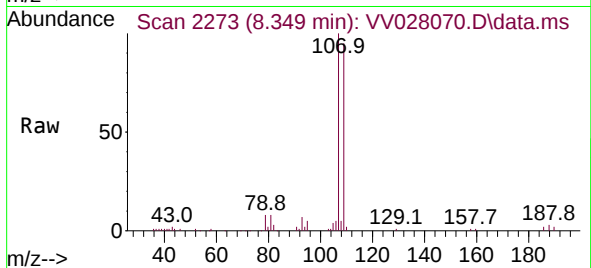
Lab File: VV028070.D

Acq: 22 Sep 2022 19:26

Instrument :

MSVOA_V

ClientSampleId :



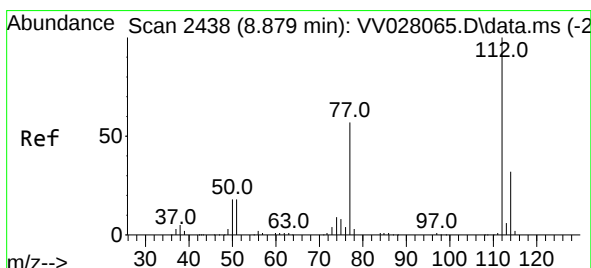
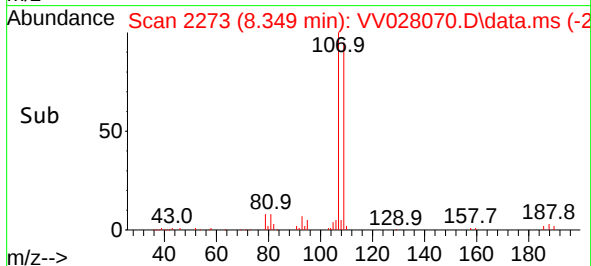
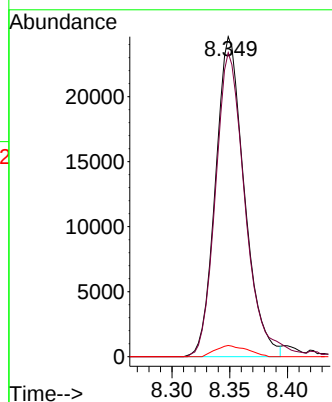
Tgt Ion:107 Resp: 42736

Ion Ratio Lower Upper

107 100

109 95.0 65.9 122.5

188 3.5 3.4 5.0



#51

Chlorobenzene

Concen: 4.895 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV028070.D

Acq: 22 Sep 2022 19:26

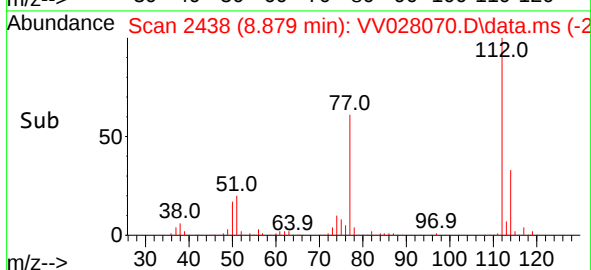
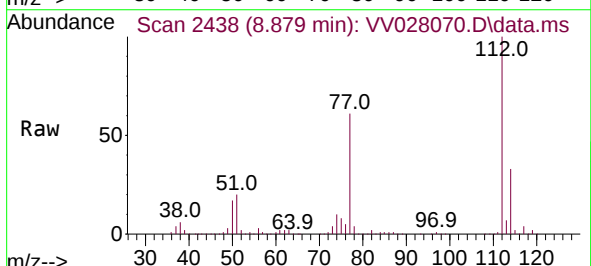
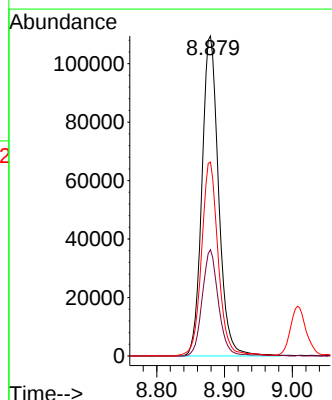
Tgt Ion:112 Resp: 187078

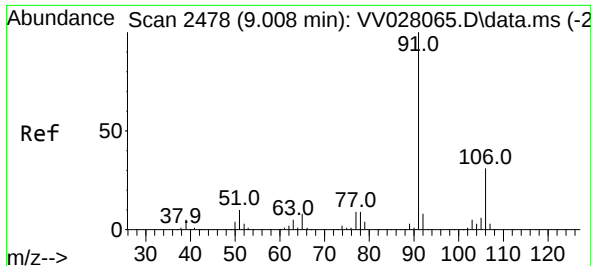
Ion Ratio Lower Upper

112 100

114 33.2 22.5 41.7

77 60.6 46.1 69.1

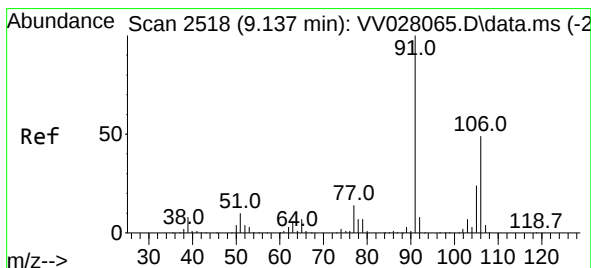
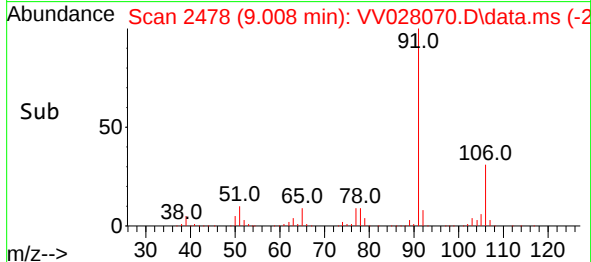
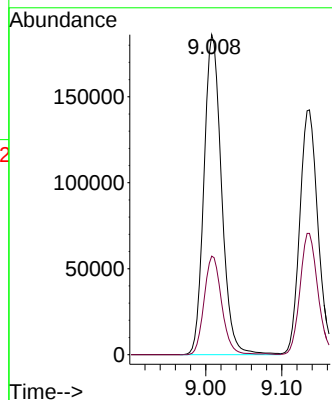
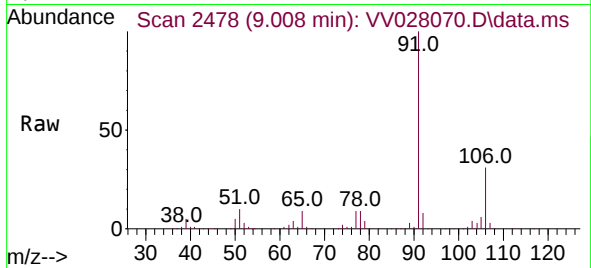




#52
Ethylbenzene
Concen: 4.962 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.000 min
Lab File: VV028070.D
Acq: 22 Sep 2022 19:26

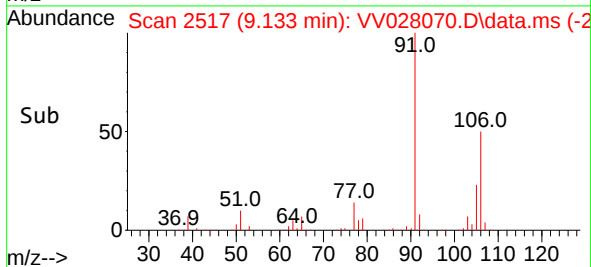
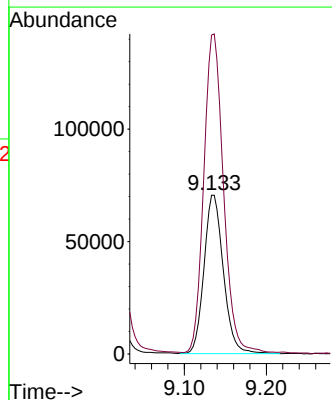
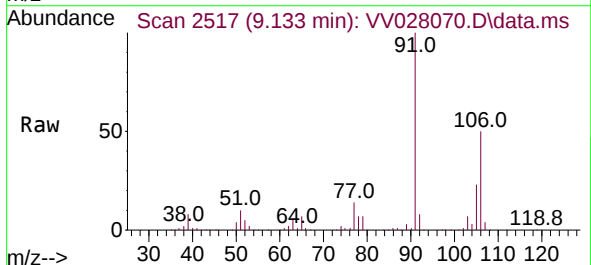
Instrument :
MSVOA_V
ClientSampleId :

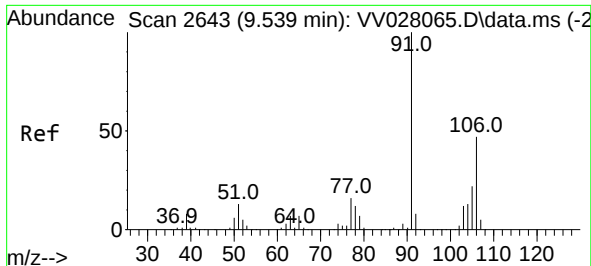
Tgt Ion: 91 Resp: 299140
Ion Ratio Lower Upper
91 100
106 30.8 21.5 39.9



#53
m,p-Xylene
Concen: 4.994 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. -0.003 min
Lab File: VV028070.D
Acq: 22 Sep 2022 19:26

Tgt Ion: 106 Resp: 115382
Ion Ratio Lower Upper
106 100
91 201.0 141.9 263.5

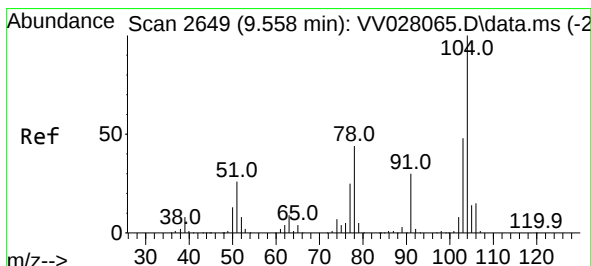
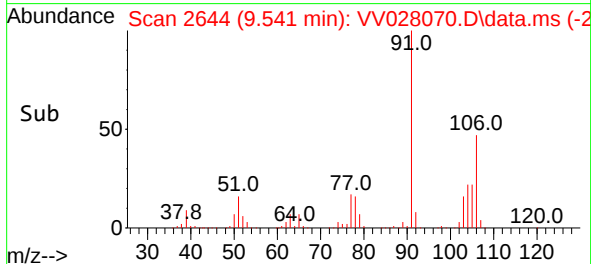
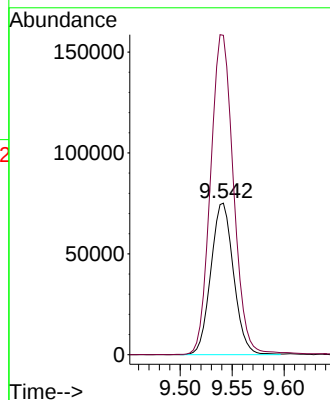
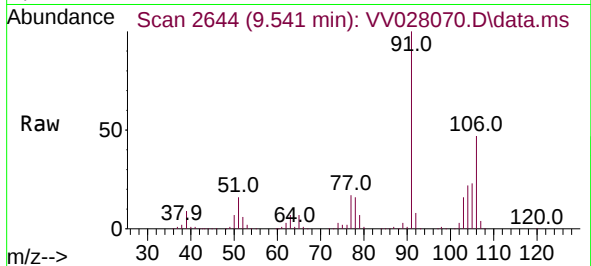




#54
o-Xylene
Concen: 5.006 ug/L
RT: 9.541 min Scan# 2643
Delta R.T. 0.003 min
Lab File: VV028070.D
Acq: 22 Sep 2022 19:26

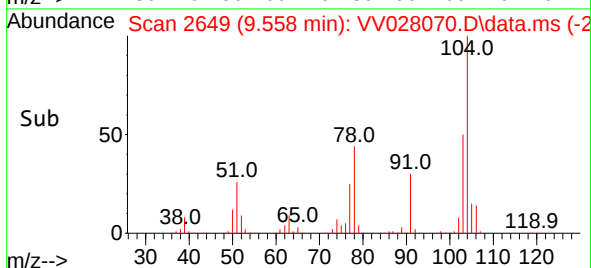
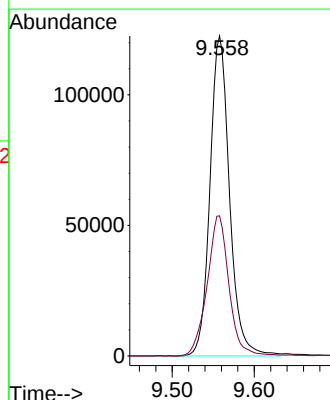
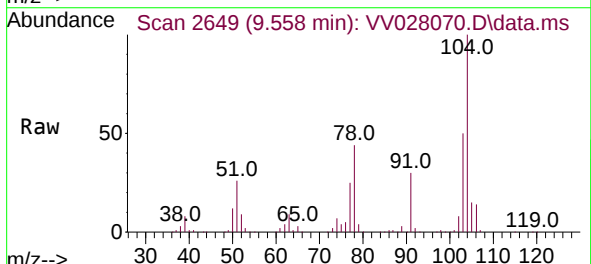
Instrument :
MSVOA_V
ClientSampleId :

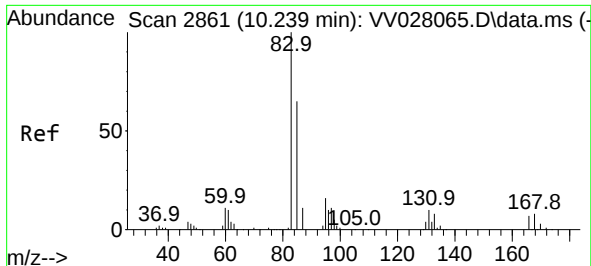
Tgt Ion:106 Resp: 114203
Ion Ratio Lower Upper
106 100
91 210.7 148.1 275.0



#55
Styrene
Concen: 5.141 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV028070.D
Acq: 22 Sep 2022 19:26

Tgt Ion:104 Resp: 203251
Ion Ratio Lower Upper
104 100
78 43.8 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 4.762 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV028070.D

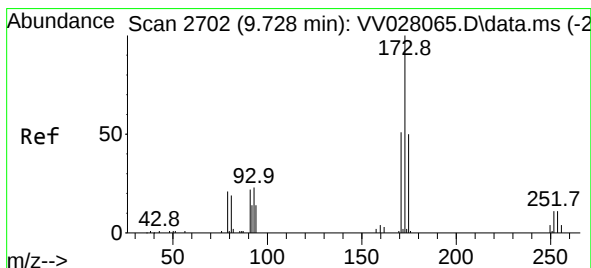
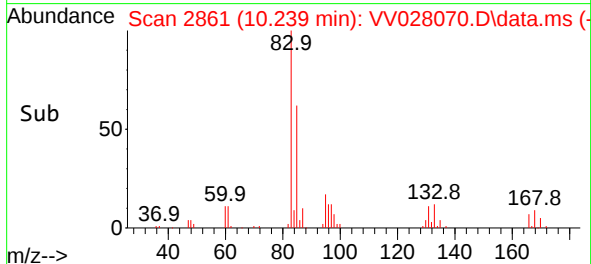
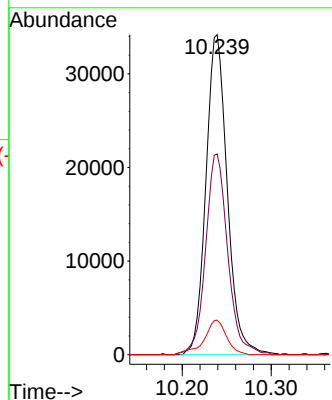
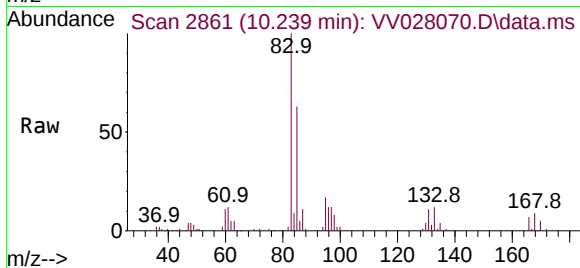
Acq: 22 Sep 2022 19:26

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	56960
Ion	Ratio	Lower	Upper
83	100		
85	62.7	45.2	84.0
131	10.8	7.8	11.8



#59

Bromoform

Concen: 5.147 ug/L

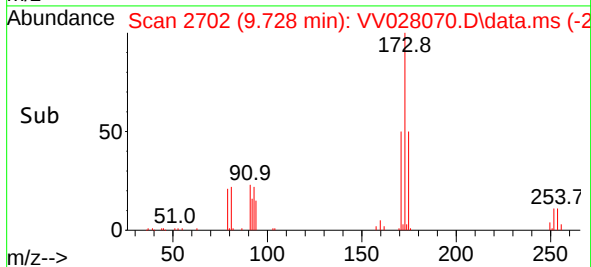
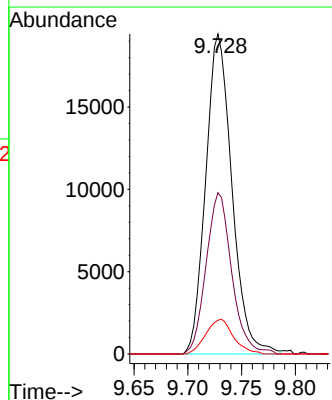
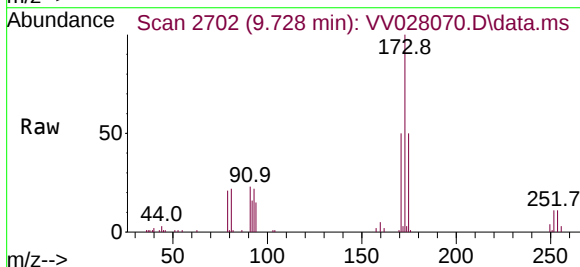
RT: 9.728 min Scan# 2702

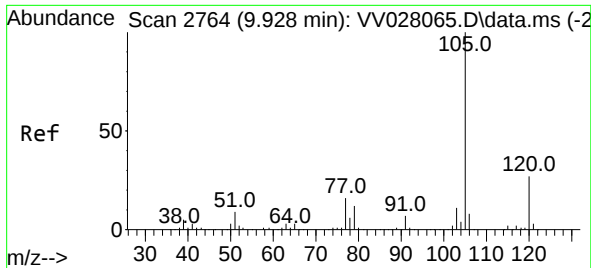
Delta R.T. -0.000 min

Lab File: VV028070.D

Acq: 22 Sep 2022 19:26

Tgt Ion:	173	Resp:	32993
Ion	Ratio	Lower	Upper
173	100		
175	49.2	39.0	58.4
254	11.4	8.7	13.1

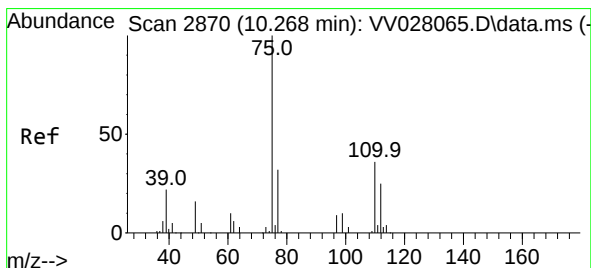
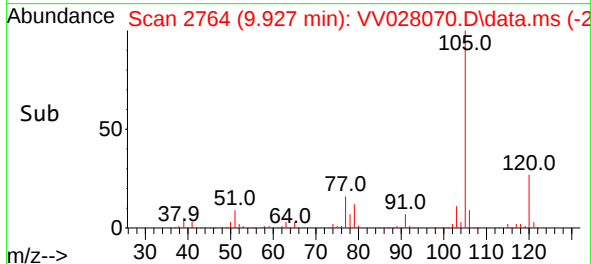
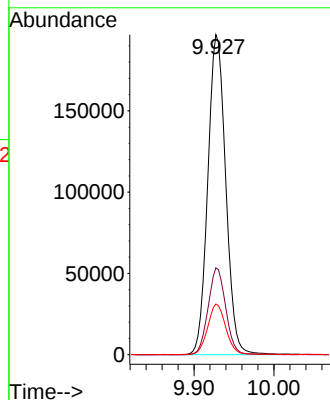
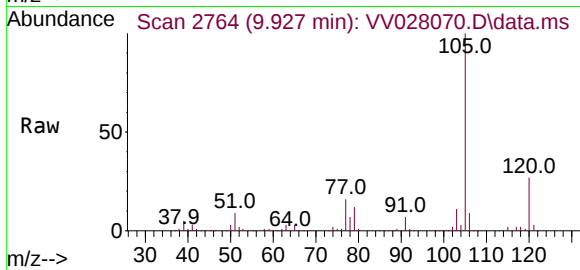




#60
Isopropylbenzene
Concen: 5.180 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028070.D
Acq: 22 Sep 2022 19:26

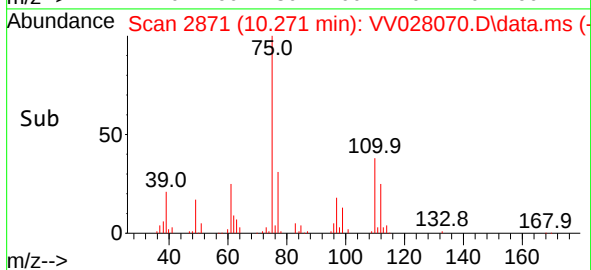
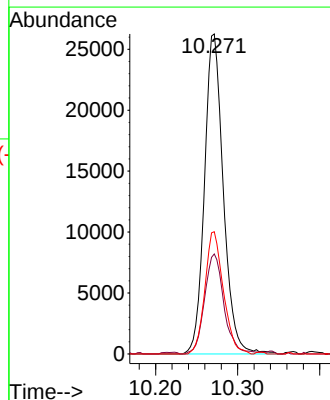
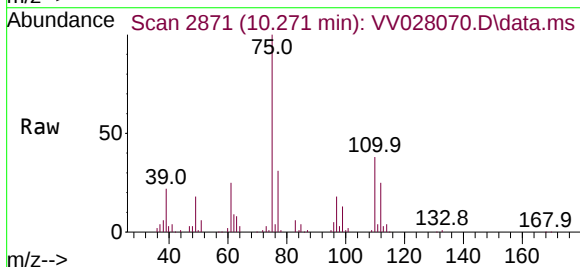
Instrument :
MSVOA_V
ClientSampleId :

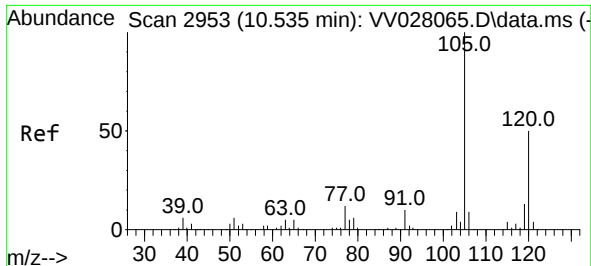
Tgt Ion:105 Resp: 306971
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.0
77 16.1 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.961 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV028070.D
Acq: 22 Sep 2022 19:26

Tgt Ion: 75 Resp: 42014
Ion Ratio Lower Upper
75 100
77 32.3 26.7 40.1
110 37.4 30.1 45.1





#62

1,3,5-Trimethylbenzene

Concen: 4.926 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. -0.000 min

Lab File: VV028070.D

Acq: 22 Sep 2022 19:26

Instrument :

MSVOA_V

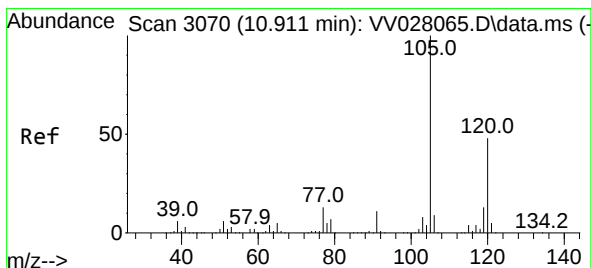
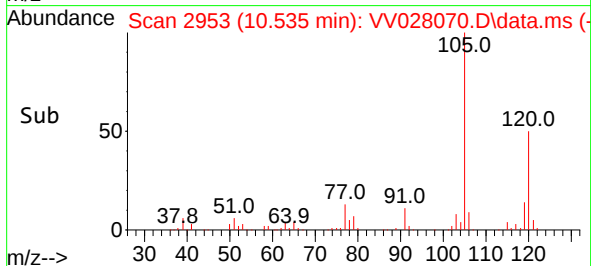
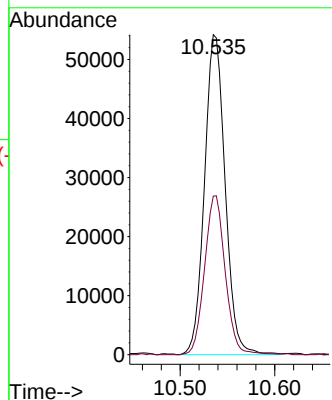
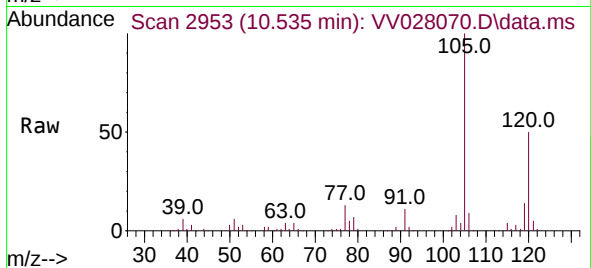
ClientSampleId :

Tgt Ion:105 Resp: 82236

Ion Ratio Lower Upper

105 100

120 49.7 40.6 61.0



#63

1,2,4-Trimethylbenzene

Concen: 5.060 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV028070.D

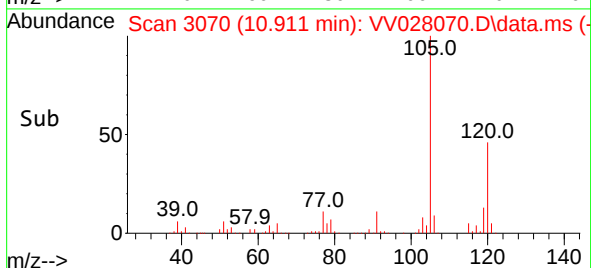
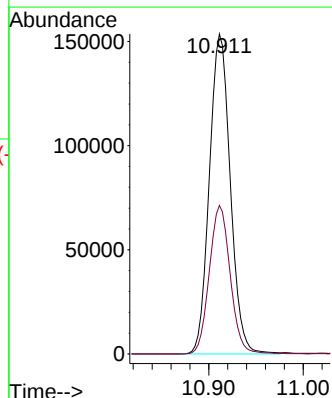
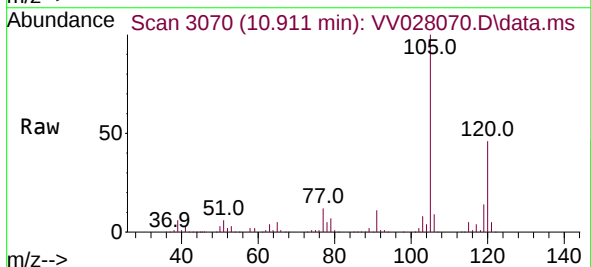
Acq: 22 Sep 2022 19:26

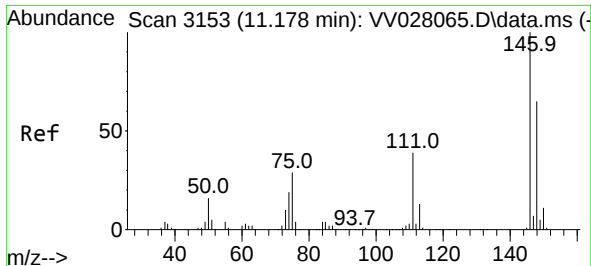
Tgt Ion:105 Resp: 236115

Ion Ratio Lower Upper

105 100

120 46.4 37.8 56.8

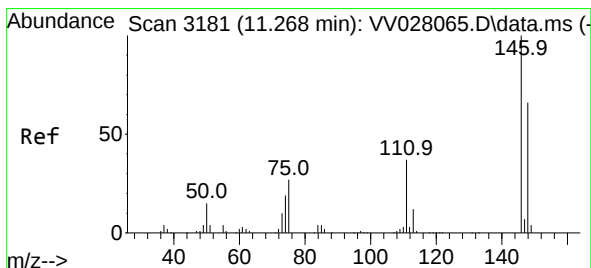
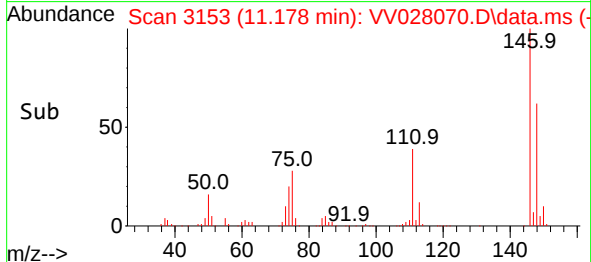
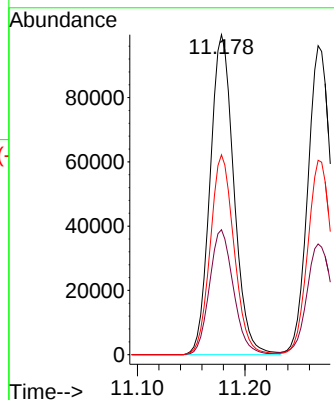
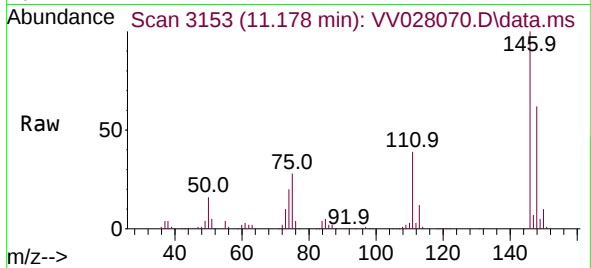




#64
1,3-Dichlorobenzene
Concen: 5.191 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV028070.D
Acq: 22 Sep 2022 19:26

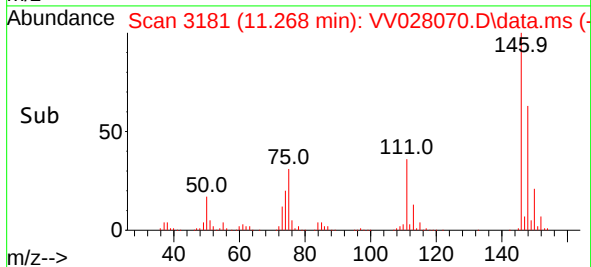
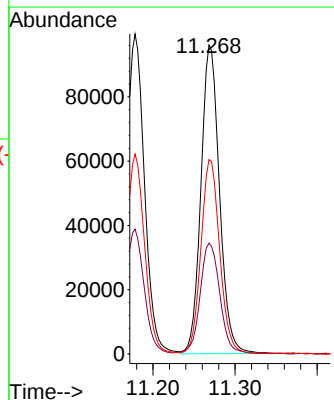
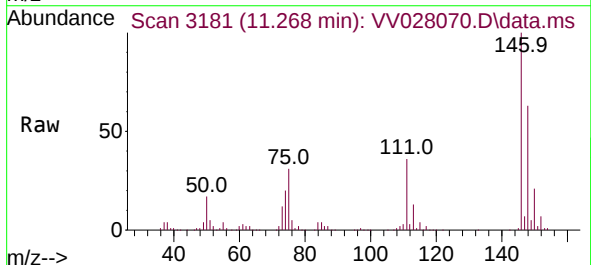
Instrument :
MSVOA_V
ClientSampleId :

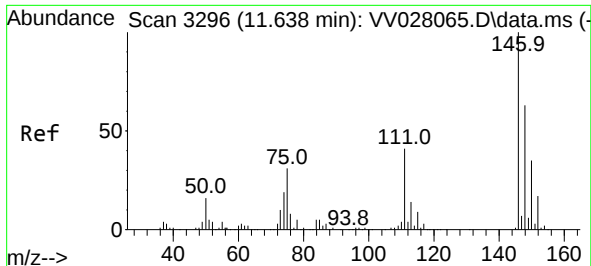
Tgt Ion:146 Resp: 153080
Ion Ratio Lower Upper
146 100
111 39.0 27.1 50.3
148 62.5 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 5.115 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.000 min
Lab File: VV028070.D
Acq: 22 Sep 2022 19:26

Tgt Ion:146 Resp: 150919
Ion Ratio Lower Upper
146 100
111 35.9 26.2 48.8
148 62.9 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 5.123 ug/L

RT: 11.641 min Scan# 3296

Delta R.T. 0.003 min

Lab File: VV028070.D

Acq: 22 Sep 2022 19:26

Instrument :

MSVOA_V

ClientSampleId :

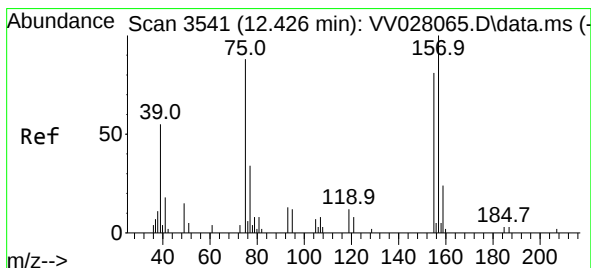
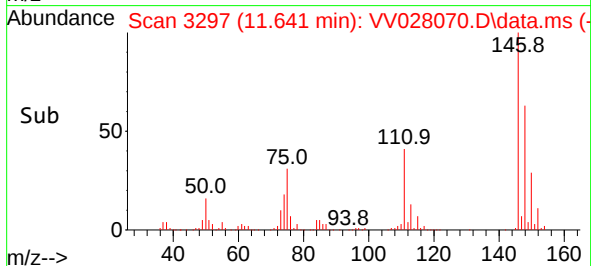
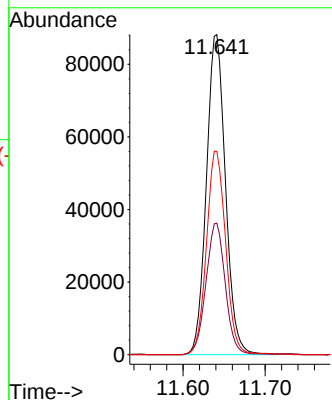
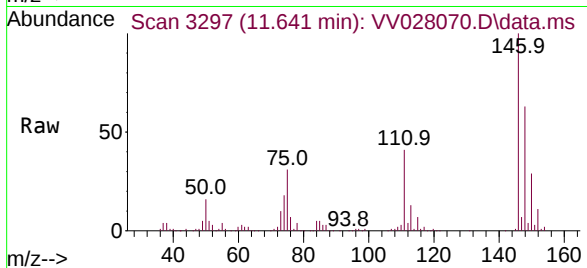
Tgt Ion:146 Resp: 142724

Ion Ratio Lower Upper

146 100

111 41.1 32.6 49.0

148 63.5 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 5.216 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VV028070.D

Acq: 22 Sep 2022 19:26

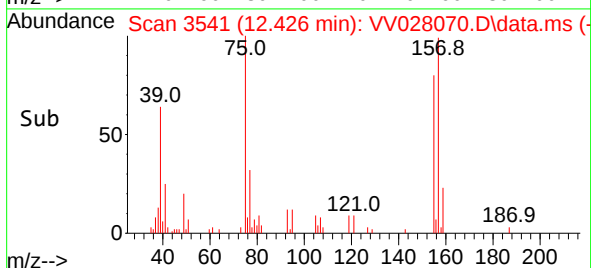
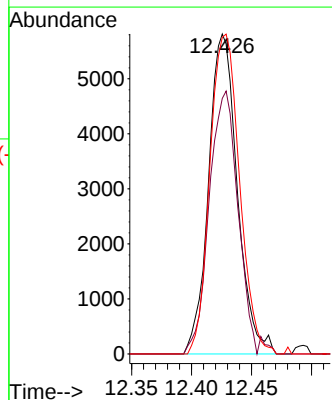
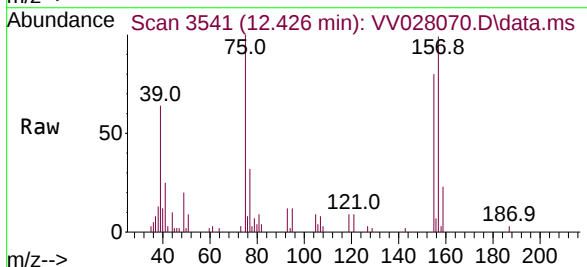
Tgt Ion: 75 Resp: 9682

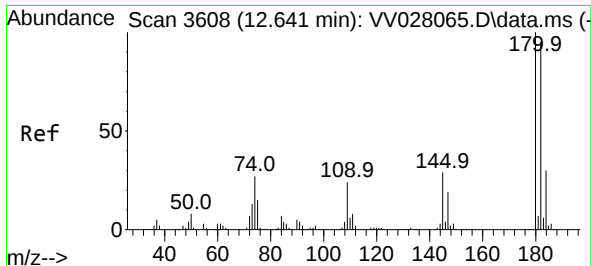
Ion Ratio Lower Upper

75 100

155 79.8 73.6 110.4

157 98.9 90.7 136.1





#69

1,3,5-Trichlorobenzene

Concen: 4.982 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. -0.000 min

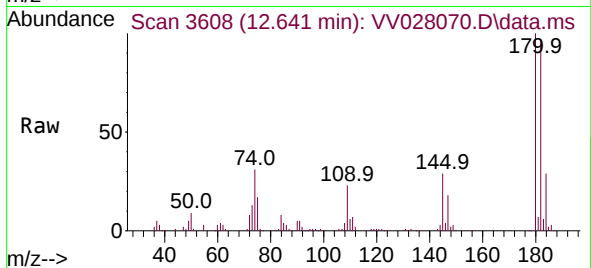
Lab File: VV028070.D

Acq: 22 Sep 2022 19:26

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 116287

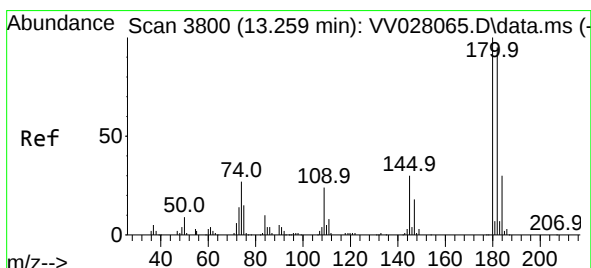
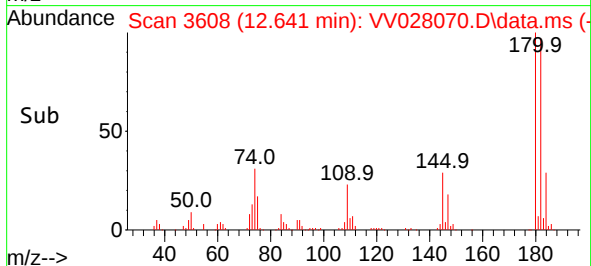
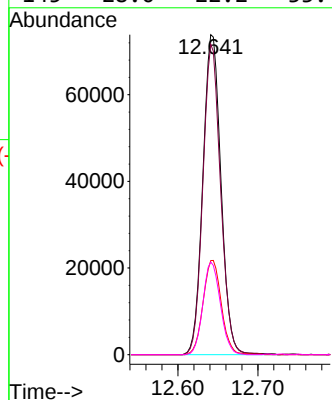
Ion Ratio Lower Upper

180 100

182 94.9 75.5 113.3

184 29.8 23.7 35.5

145 28.0 22.2 33.4



#70

1,2,4-trichlorobenzene

Concen: 4.919 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV028070.D

Acq: 22 Sep 2022 19:26

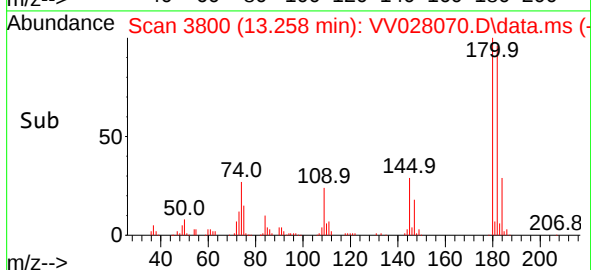
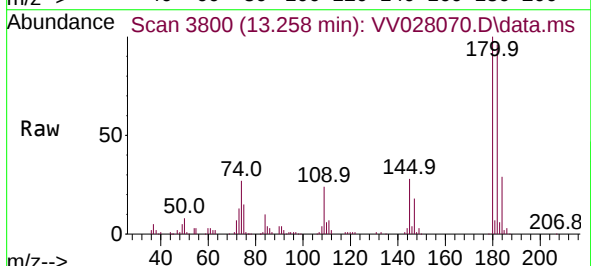
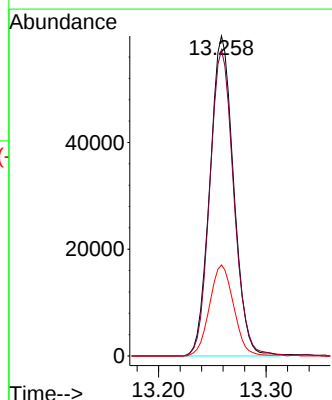
Tgt Ion:180 Resp: 91832

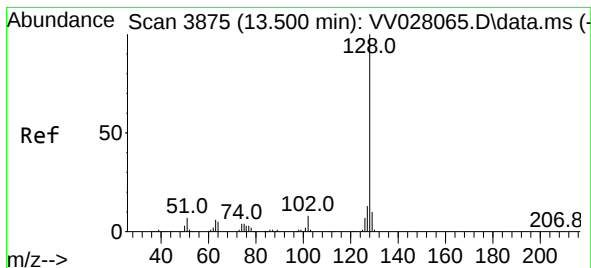
Ion Ratio Lower Upper

180 100

182 96.4 76.3 114.5

145 28.8 22.9 34.3





#71

Naphthalene

Concen: 4.767 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

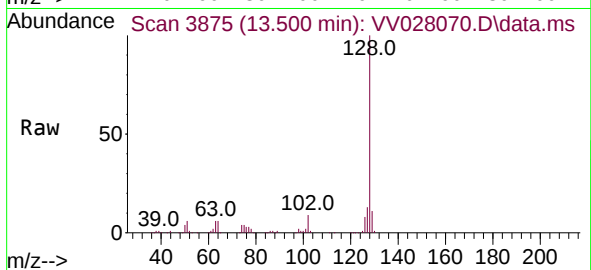
Lab File: VV028070.D

Acq: 22 Sep 2022 19:26

Instrument :

MSVOA_V

ClientSampleId :



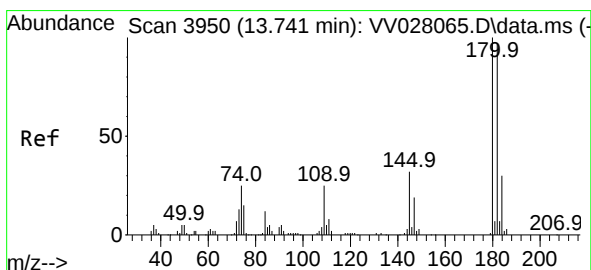
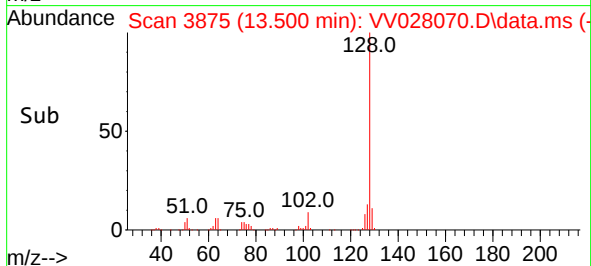
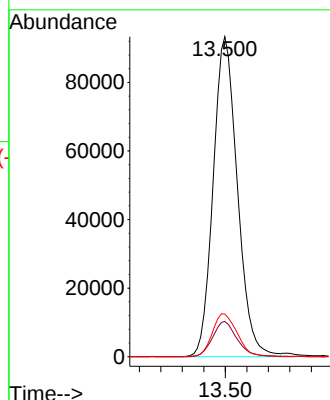
Tgt Ion:128 Resp: 145736

Ion Ratio Lower Upper

128 100

129 11.2 8.2 12.2

127 13.8 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.098 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV028070.D

Acq: 22 Sep 2022 19:26

Tgt Ion:180 Resp: 86080

Ion Ratio Lower Upper

180 100

182 94.3 77.4 116.0

145 31.4 24.6 36.8

