

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092722\
 Data File : VW028147.D
 Acq On : 27 Sep 2022 18:18
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005306

Quant Time: Sep 28 03:13:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 28 03:08:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	179512	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	179390	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	97072	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	61238	3.290	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.800%
7) Chloroethane-d5	1.561	69	56492	3.818	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.400%
11) 1,1-Dichloroethene-d2	2.101	63	110022	3.409	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.200%
20) 2-Butanone-d5	3.889	46	185376	59.001	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.000%
24) Chloroform-d	4.343	84	138929	4.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.027	65	64790	4.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.043	84	246152	4.185	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	6.063	67	80427	4.386	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.310	98	216256	4.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	7.619	79	28318	4.275	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.085	63	156777	56.709	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.420%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	64194	5.121	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	88153	4.630	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	61942	4.620	ug/L	91
3) Chloromethane	1.237	50	58758	3.309	ug/L	93
5) Vinyl chloride	1.304	62	65588	4.712	ug/L	98
6) Bromomethane	1.516	94	36548	4.032	ug/L	96
8) Chloroethane	1.577	64	48348	5.179	ug/L	90
9) Trichlorofluoromethane	1.745	101	106492	4.818	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	61134	4.800	ug/L	98
12) 1,1-Dichloroethene	2.111	96	55359	4.462	ug/L	79
13) Acetone	2.182	43	93757	38.741	ug/L	96
14) Carbon disulfide	2.285	76	107991	4.536	ug/L	99
15) Methyl Acetate	2.436	43	22344	4.756	ug/L #	88
16) Methylene chloride	2.500	84	70143	5.065	ug/L	94
17) Methyl tert-butyl Ether	2.764	73	137515	5.153	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	54998	5.064	ug/L	98
19) 1,1-Dichloroethane	3.182	63	119176	5.031	ug/L	99
21) 2-Butanone	3.973	43	140923	47.034	ug/L	95
22) cis-1,2-Dichloroethene	3.905	96	65959	4.629	ug/L	98
23) Bromochloromethane	4.243	128	29318	5.138	ug/L	86
25) Chloroform	4.368	83	128150	5.041	ug/L	96

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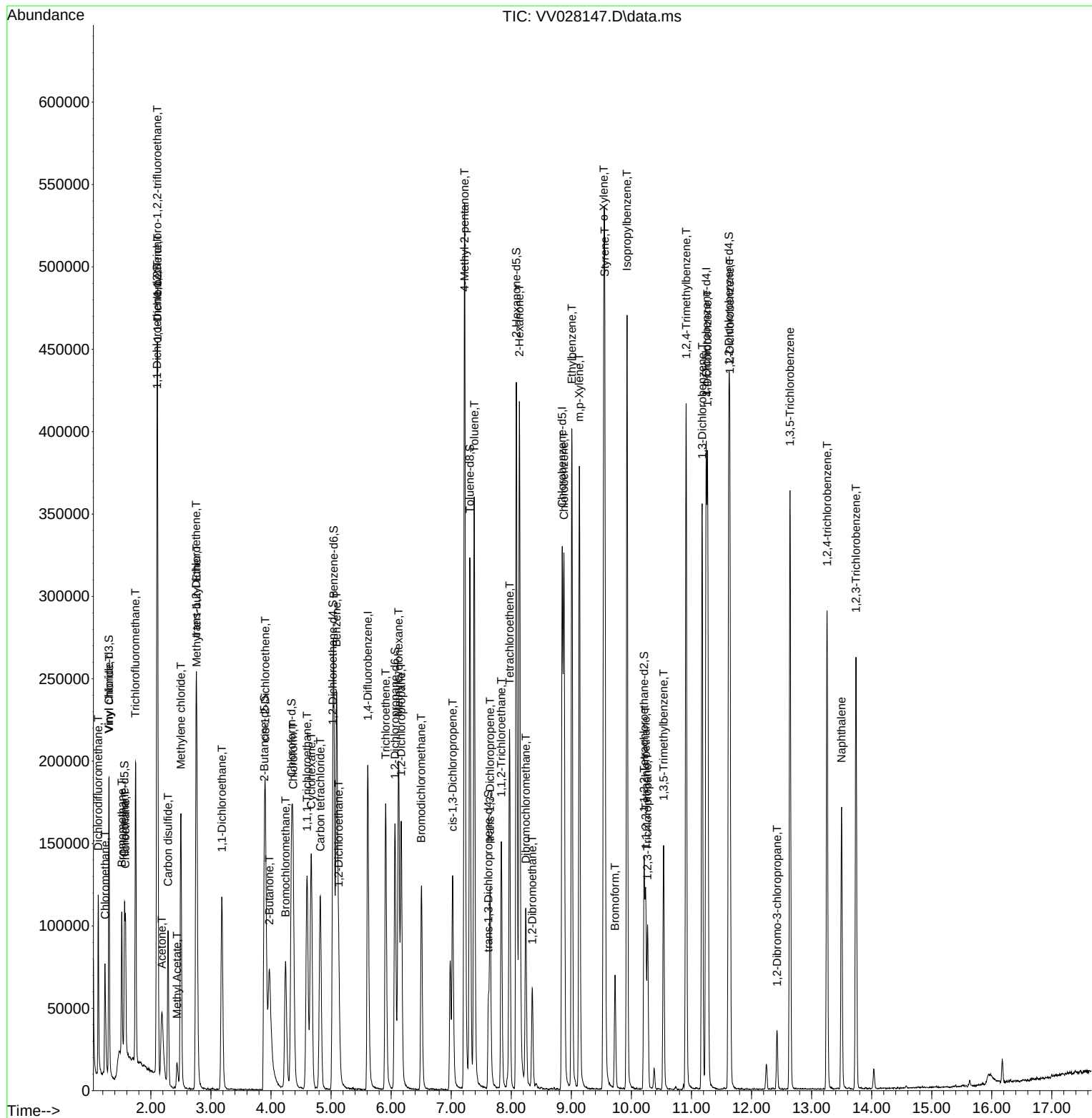
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	69019	5.092	ug/L #	91
29) 1,1,1-Trichloroethane	4.600	97	107359	4.871	ug/L	99
30) Cyclohexane	4.670	56	75184	4.716	ug/L	95
31) Carbon tetrachloride	4.822	117	91276	5.032	ug/L	100
33) Benzene	5.092	78	250038	5.019	ug/L	100
34) Trichloroethene	5.908	95	62165	5.013	ug/L	97
35) Methylcyclohexane	6.124	83	82350	4.843	ug/L	95
37) 1,2-Dichloropropane	6.169	63	64571	4.624	ug/L	98
38) Bromodichloromethane	6.503	83	86065	4.992	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	84602	4.877	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	345469	50.942	ug/L	96
42) Toluene	7.384	91	268627	5.170	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	72677	4.871	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	48607	5.193	ug/L	98
47) Tetrachloroethene	7.973	164	50747	5.127	ug/L	99
48) 2-Hexanone	8.137	43	257015	49.923	ug/L	98
49) Dibromochloromethane	8.243	129	57891	5.143	ug/L	97
50) 1,2-Dibromoethane	8.349	107	41737	5.130	ug/L	96
51) Chlorobenzene	8.879	112	178291	5.116	ug/L	99
52) Ethylbenzene	9.008	91	281706	5.125	ug/L	99
53) m,p-Xylene	9.133	106	110946	5.266	ug/L	99
54) o-Xylene	9.542	106	109021	5.240	ug/L	98
55) Styrene	9.558	104	193719	5.374	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	56510	5.181	ug/L	99
59) Bromoform	9.728	173	32332	5.246	ug/L	99
60) Isopropylbenzene	9.927	105	295992	5.195	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	40672	4.996	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	78600	4.897	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	227750	5.077	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	149581	5.276	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	150982	5.322	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	137987	5.152	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	9227	5.170	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	116903	5.209	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	95291	5.310	ug/L	100
71) Naphthalene	13.500	128	142061	4.834	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	84712	5.218	ug/L	97

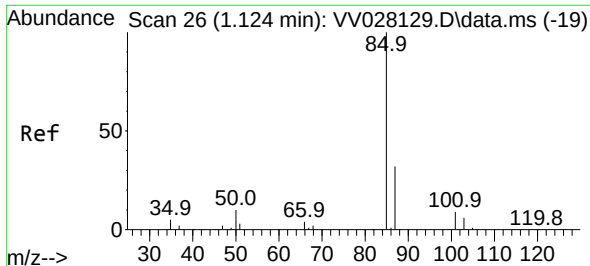
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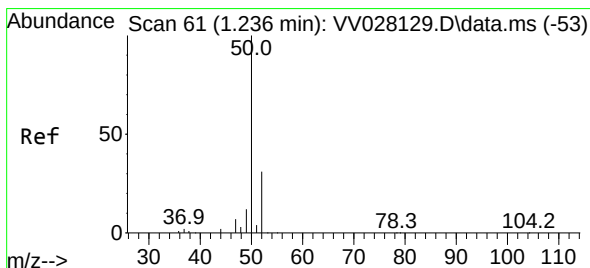
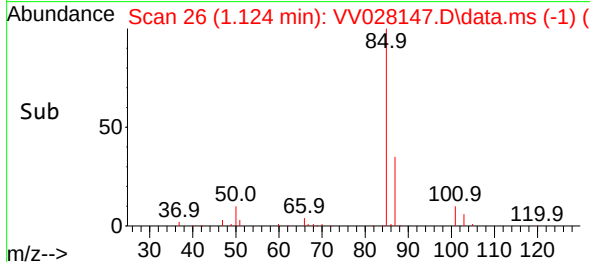
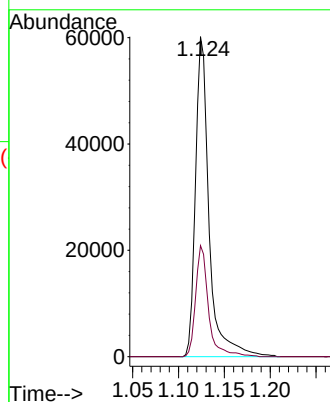
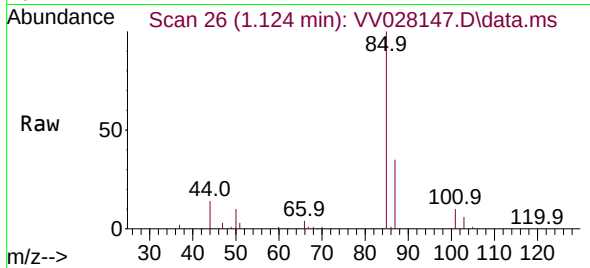




#2
 Dichlorodifluoromethane
 Concen: 4.620 ug/L
 RT: 1.124 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: VV028147.D
 Acq: 27 Sep 2022 18:18

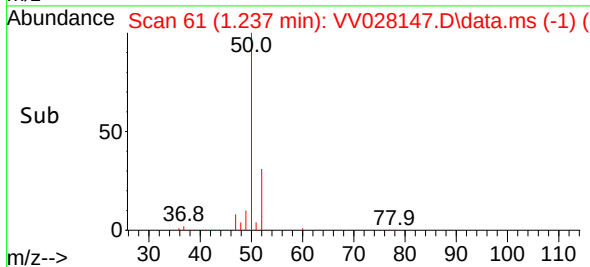
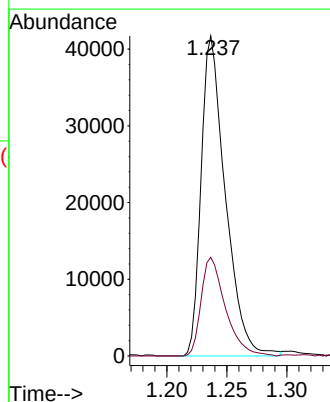
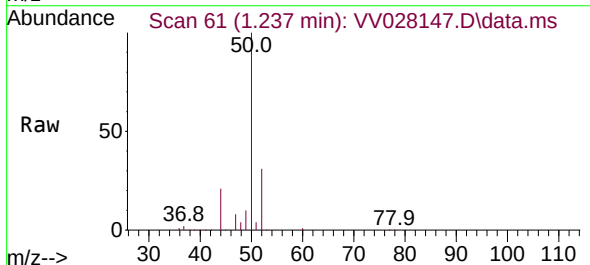
Instrument :
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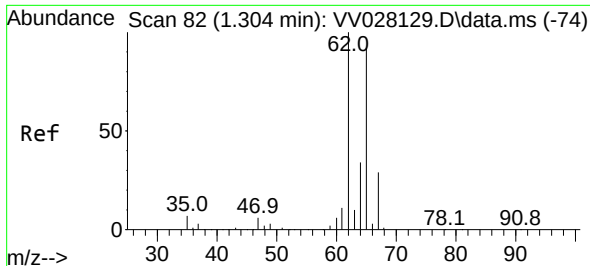
Tgt Ion: 85 Resp: 61942
 Ion Ratio Lower Upper
 85 100
 87 33.1 22.8 34.2



#3
 Chloromethane
 Concen: 3.309 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV028147.D
 Acq: 27 Sep 2022 18:18

Tgt Ion: 50 Resp: 58758
 Ion Ratio Lower Upper
 50 100
 52 30.9 24.4 45.2

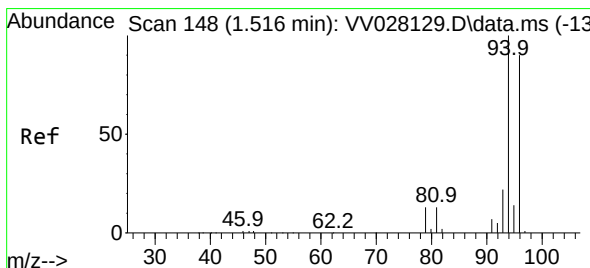
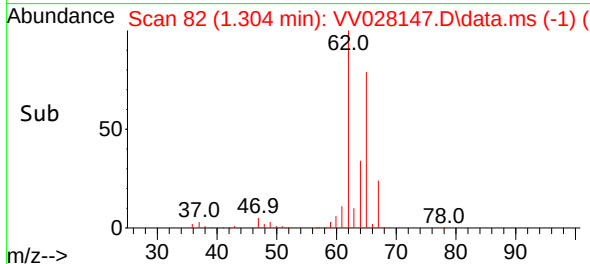
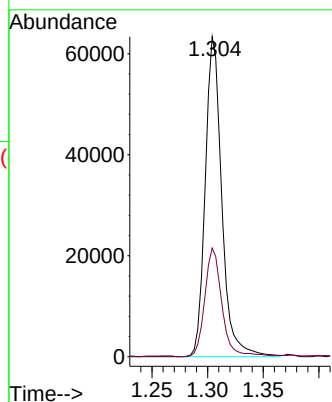
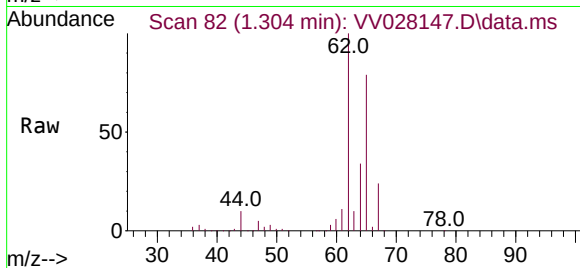




#5
 Vinyl chloride
 Concen: 4.712 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV028147.D
 Acq: 27 Sep 2022 18:18

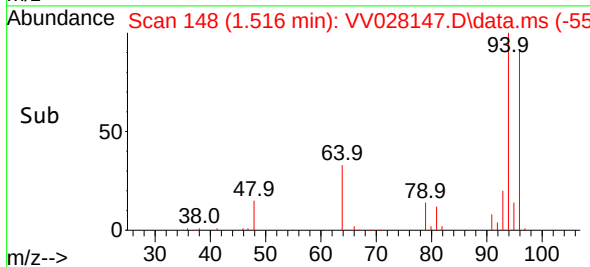
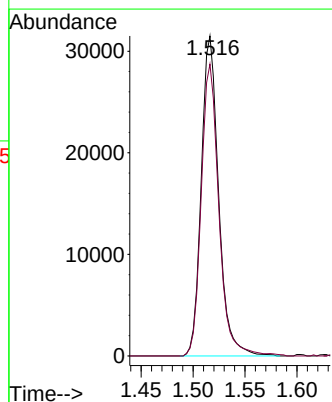
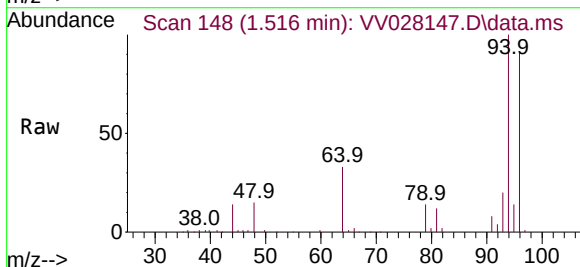
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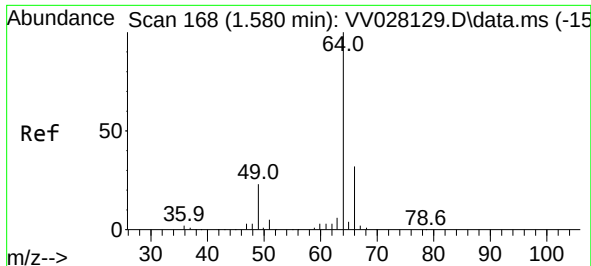
Tgt Ion: 62 Resp: 65588
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.0 42.8



#6
 Bromomethane
 Concen: 4.032 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV028147.D
 Acq: 27 Sep 2022 18:18

Tgt Ion: 94 Resp: 36548
 Ion Ratio Lower Upper
 94 100
 96 91.2 66.7 123.9

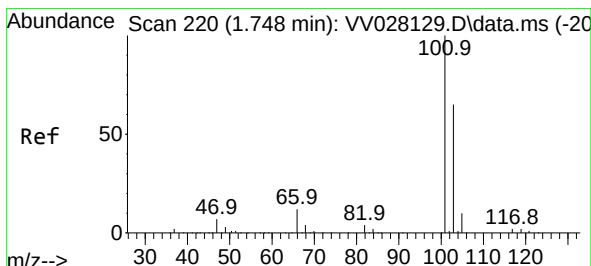
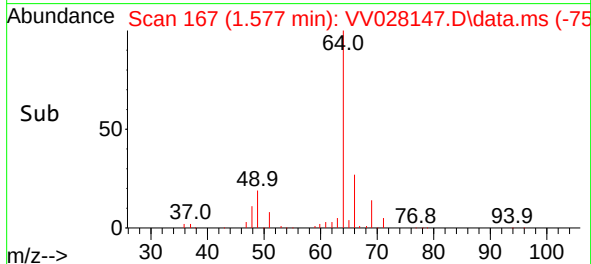
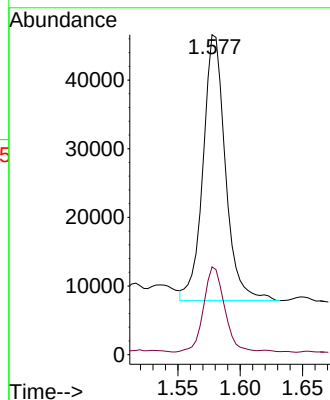
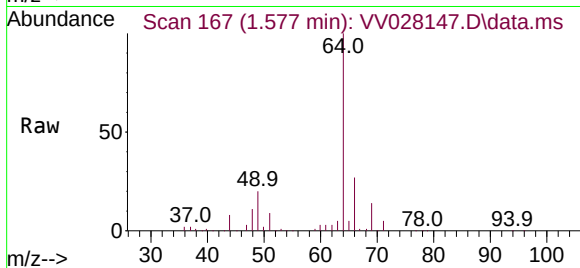




#8
Chloroethane
Concen: 5.179 ug/L
RT: 1.577 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV028147.D
Acq: 27 Sep 2022 18:18

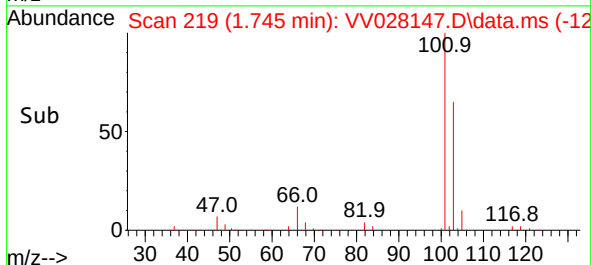
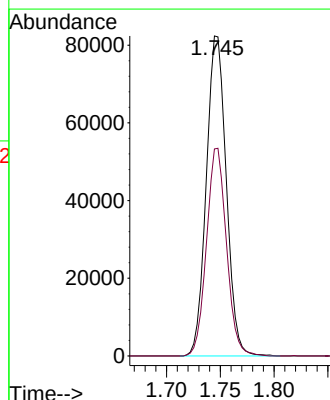
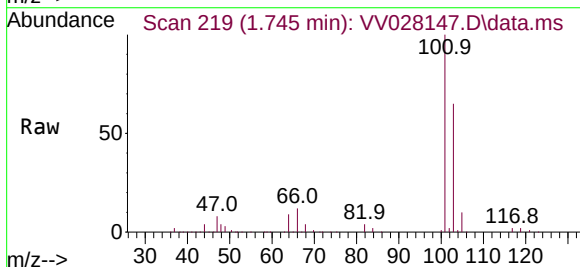
Instrument :
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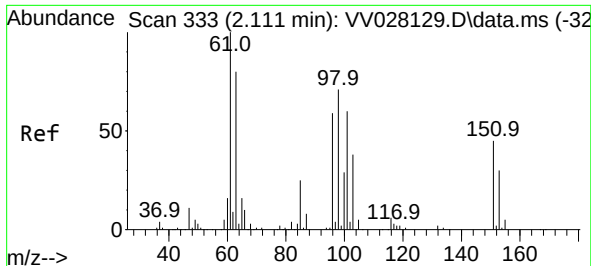
Tgt Ion: 64 Resp: 48348
Ion Ratio Lower Upper
64 100
66 27.5 23.0 42.8



#9
Trichlorofluoromethane
Concen: 4.818 ug/L
RT: 1.745 min Scan# 219
Delta R.T. -0.003 min
Lab File: VV028147.D
Acq: 27 Sep 2022 18:18

Tgt Ion:101 Resp: 106492
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.0

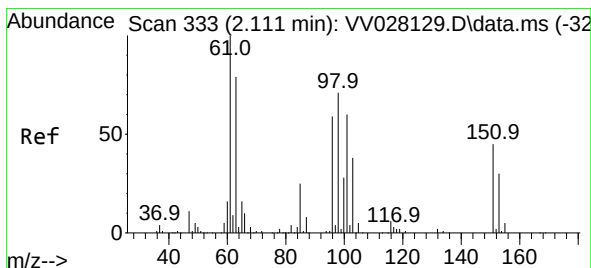
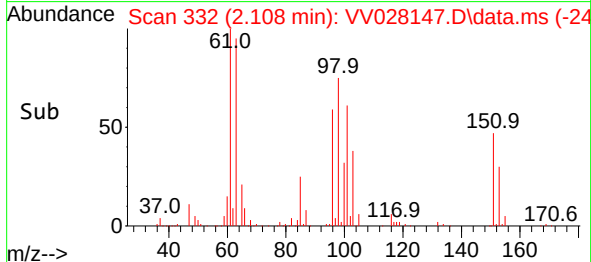
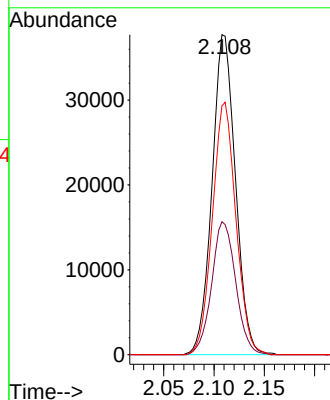
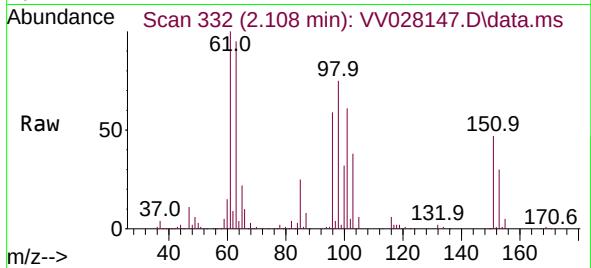




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.800 ug/L
 RT: 2.108 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV028147.D
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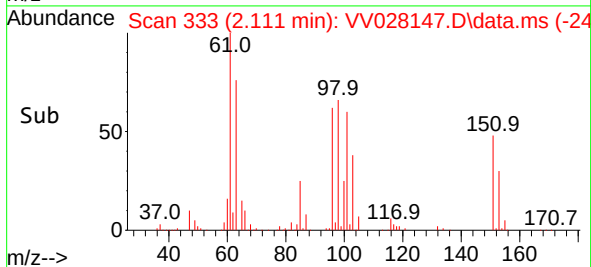
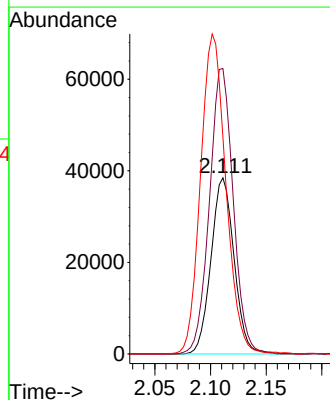
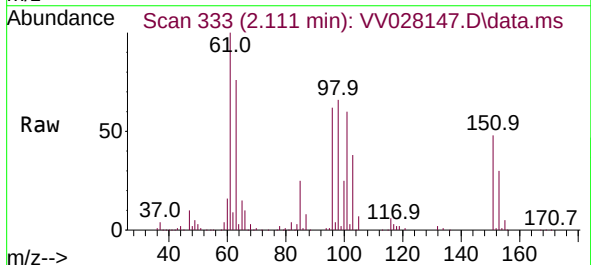
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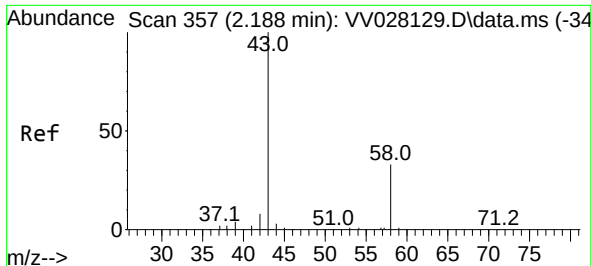
Tgt Ion:101 Resp: 61134
 Ion Ratio Lower Upper
 101 100
 85 42.7 34.4 51.6
 151 79.4 61.1 91.7



#12
 1,1-Dichloroethene
 Concen: 4.462 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV028147.D
 Acq: 27 Sep 2022 18:18

Tgt Ion: 96 Resp: 55359
 Ion Ratio Lower Upper
 96 100
 61 162.0 128.3 238.3
 63 123.1 112.7 209.3

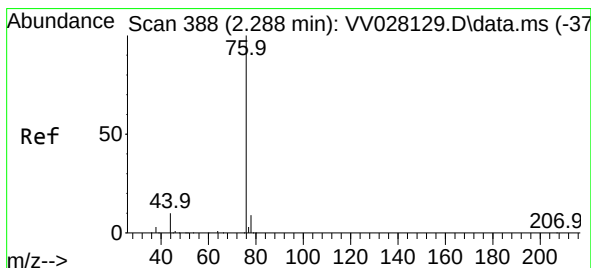
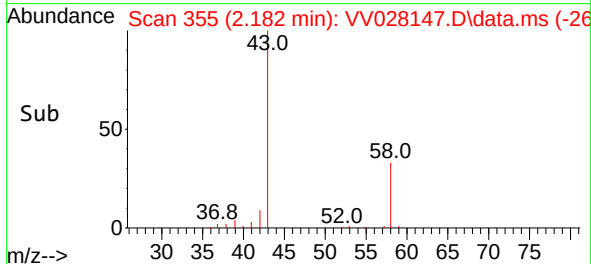
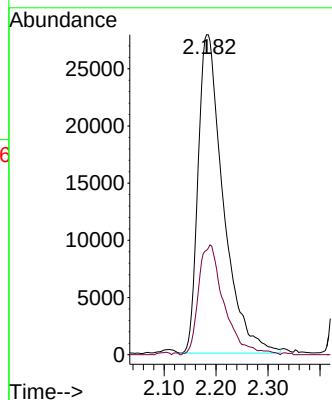
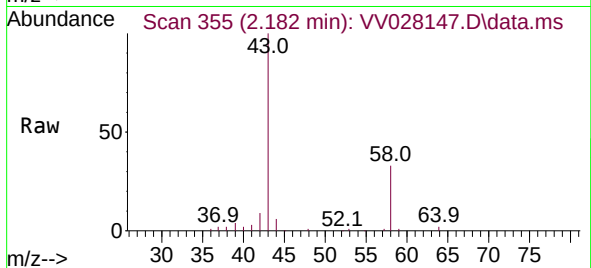




#13
Acetone
Concen: 38.741 ug/L
RT: 2.182 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV028147.D
Acq: 27 Sep 2022 18:18

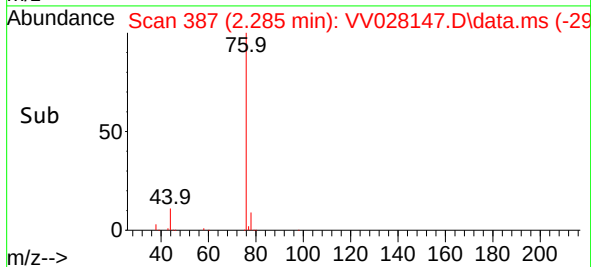
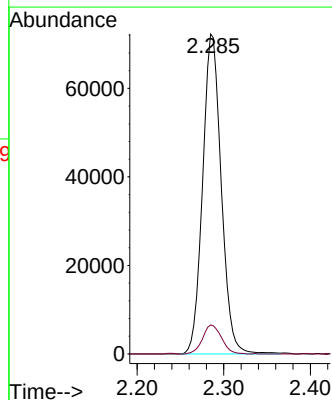
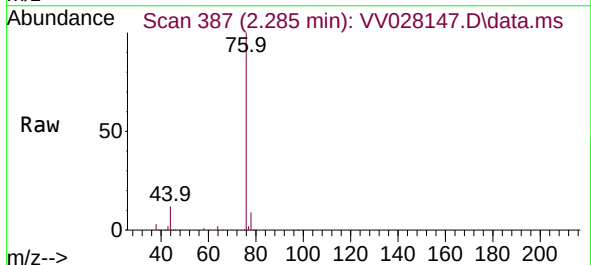
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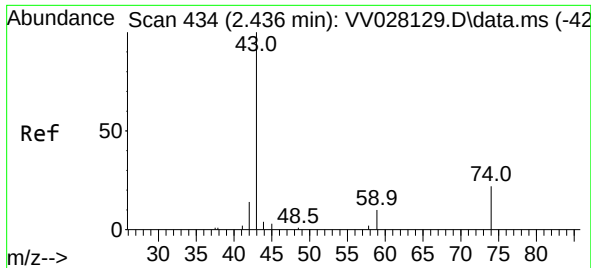
Tgt Ion: 43 Resp: 93757
Ion Ratio Lower Upper
43 100
58 34.9 0.0 65.6



#14
Carbon disulfide
Concen: 4.536 ug/L
RT: 2.285 min Scan# 387
Delta R.T. -0.003 min
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Tgt Ion: 76 Resp: 107991
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4

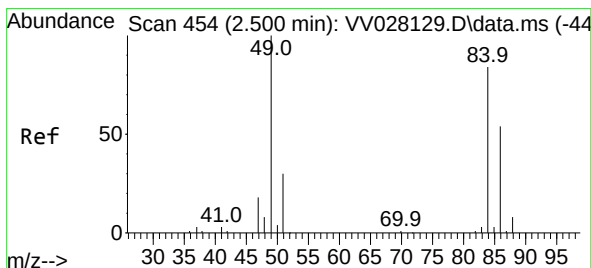
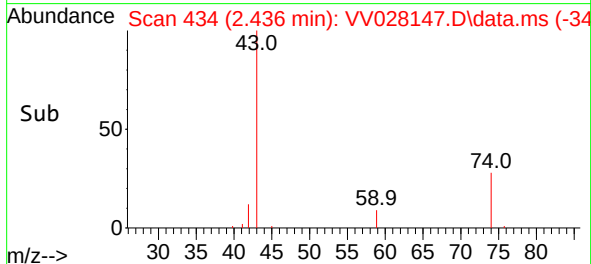
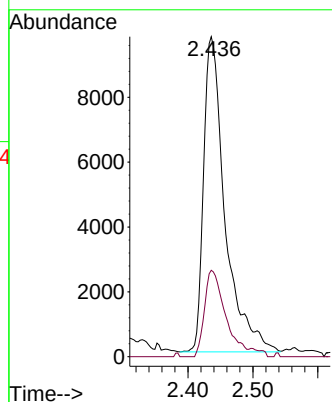
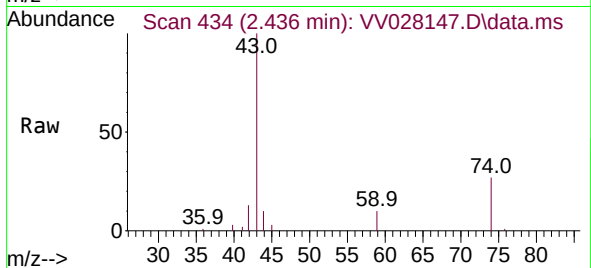




#15
Methyl Acetate
Concen: 4.756 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV028147.D
Acq: 27 Sep 2022 18:18

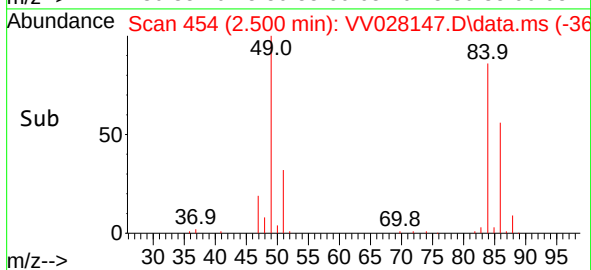
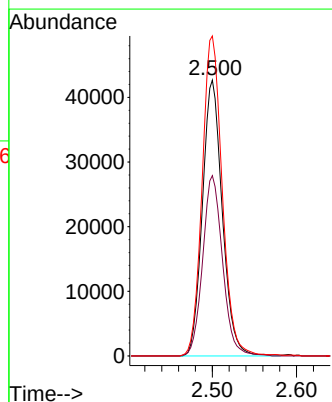
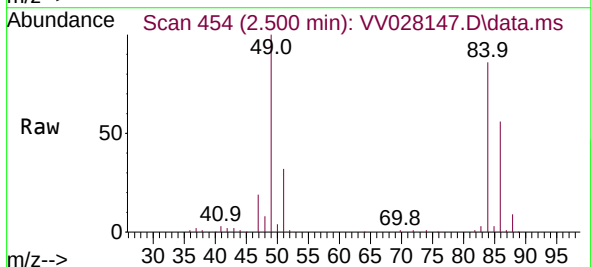
Instrument :
MSVOA_V
ClientSampleId :
VSTD005306

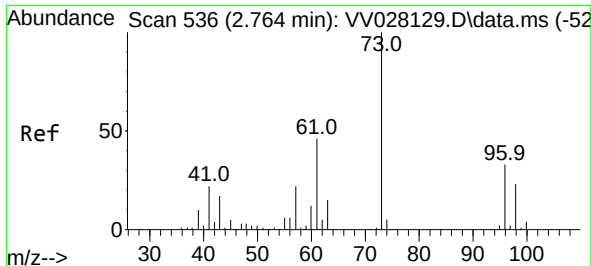
Tgt Ion: 43 Resp: 22344
Ion Ratio Lower Upper
43 100
74 26.5 16.9 25.3#



#16
Methylene chloride
Concen: 5.065 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV028147.D
Acq: 27 Sep 2022 18:18

Tgt Ion: 84 Resp: 70143
Ion Ratio Lower Upper
84 100
86 65.4 46.8 86.8
49 116.0 87.5 162.5

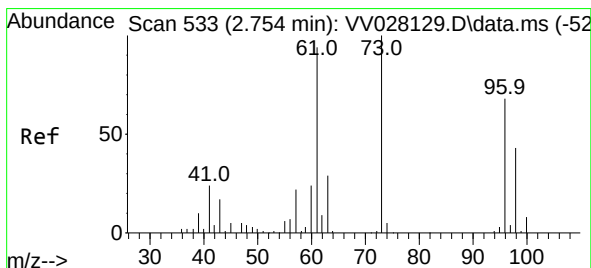
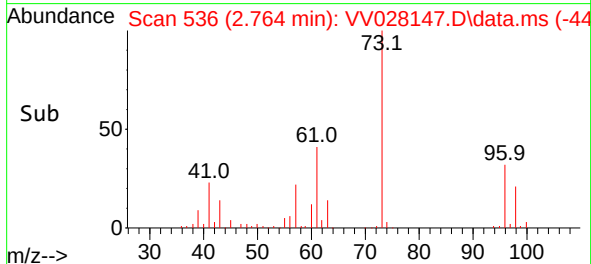
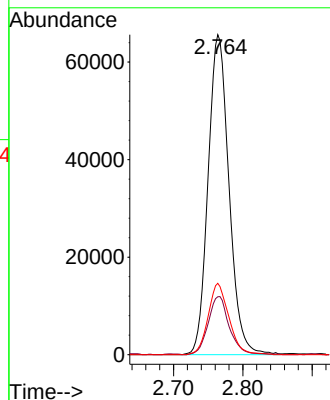
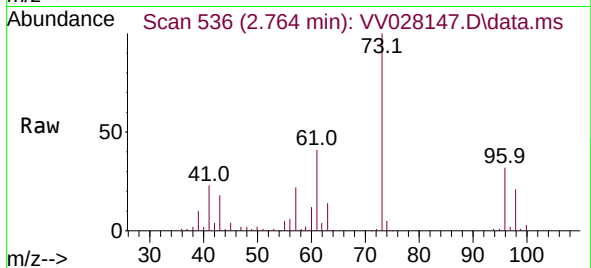




#17
Methyl tert-butyl Ether
Concen: 5.153 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV028147.D
Acq: 27 Sep 2022 18:18

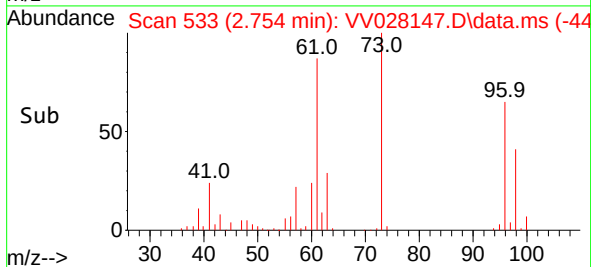
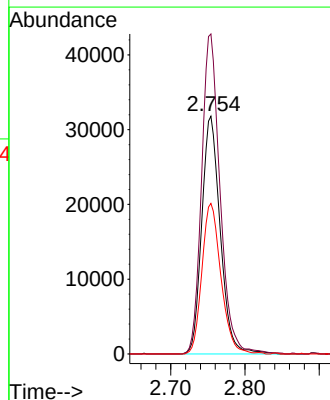
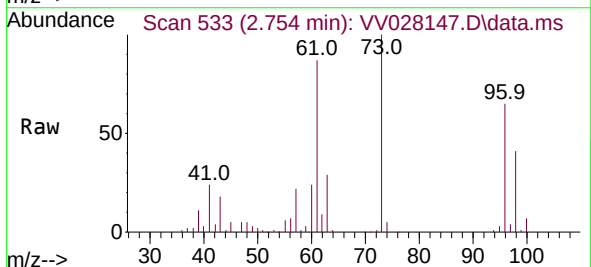
Instrument :
MSVOA_V
ClientSampleId :
VSTD005306

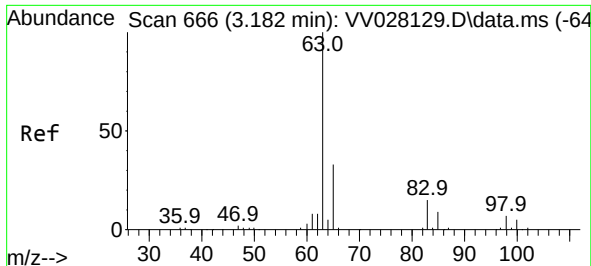
Tgt Ion: 73 Resp: 137515
Ion Ratio Lower Upper
73 100
43 18.2 15.7 23.5
57 22.1 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.064 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.000 min
Lab File: VV028147.D
Acq: 27 Sep 2022 18:18

Tgt Ion: 96 Resp: 54998
Ion Ratio Lower Upper
96 100
61 134.6 96.2 178.6
98 63.3 45.7 84.9





#19

1,1-Dichloroethane

Concen: 5.031 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV028147.D

Acq: 27 Sep 2022 18:18

Instrument :

MSVOA_V

ClientSampleId :

VSTD005306

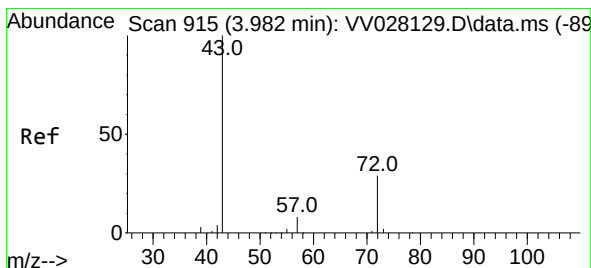
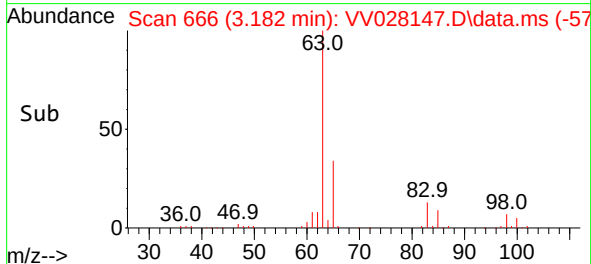
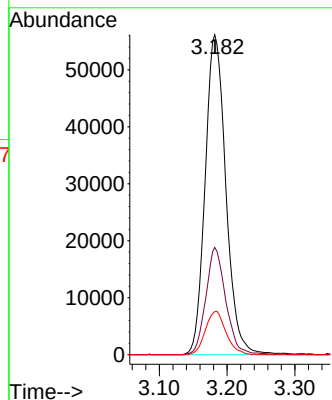
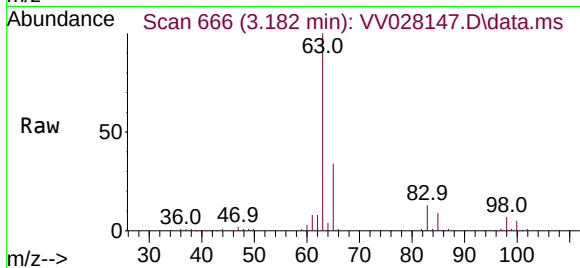
Tgt Ion: 63 Resp: 119176

Ion Ratio Lower Upper

63 100

65 33.5 23.0 42.8

83 13.5 9.2 17.2



#21

2-Butanone

Concen: 47.034 ug/L

RT: 3.973 min Scan# 912

Delta R.T. -0.010 min

Lab File: VV028147.D

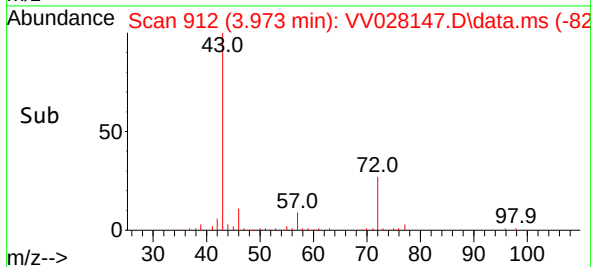
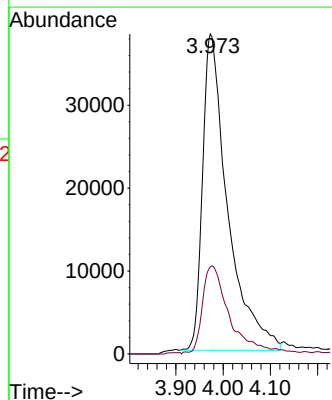
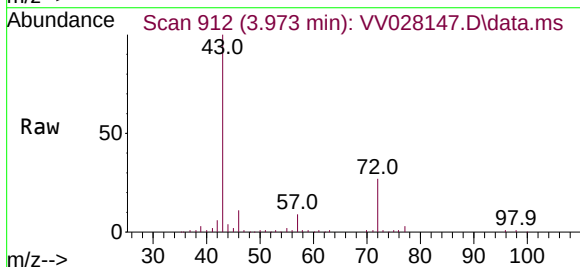
Acq: 27 Sep 2022 18:18

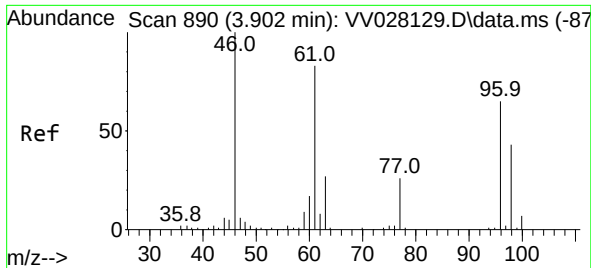
Tgt Ion: 43 Resp: 140923

Ion Ratio Lower Upper

43 100

72 27.7 12.7 38.1

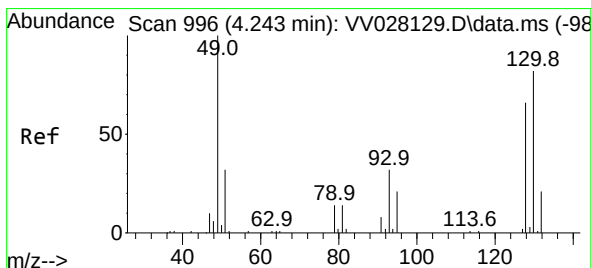
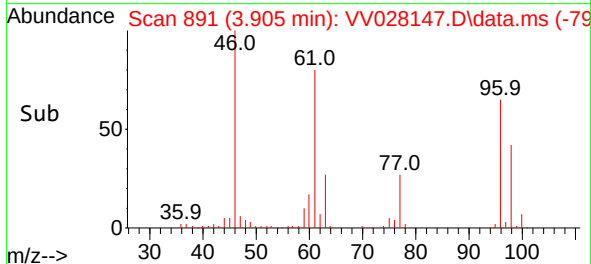
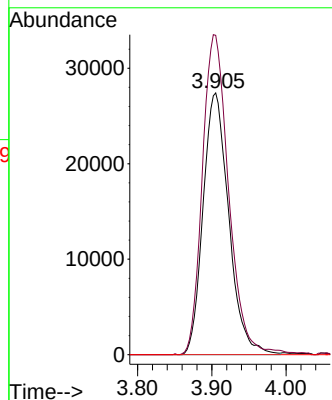
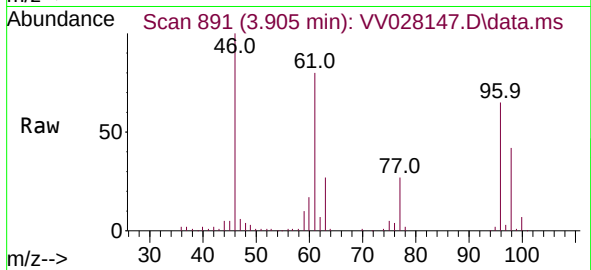




#22
 cis-1,2-Dichloroethene
 Concen: 4.629 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV028147.D
 Acq: 27 Sep 2022 18:18

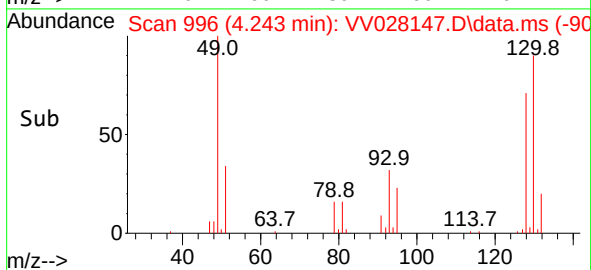
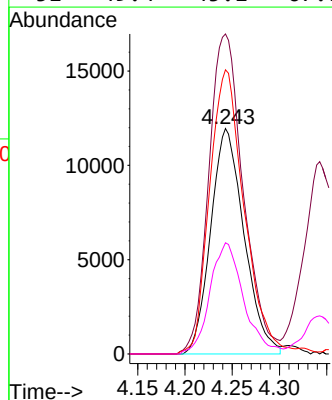
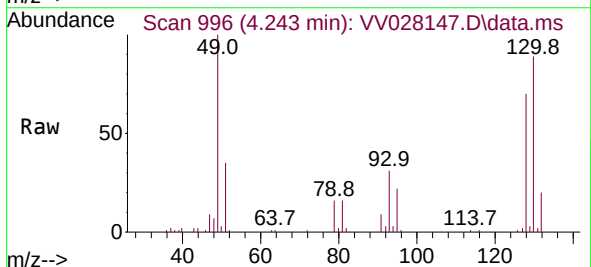
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005306

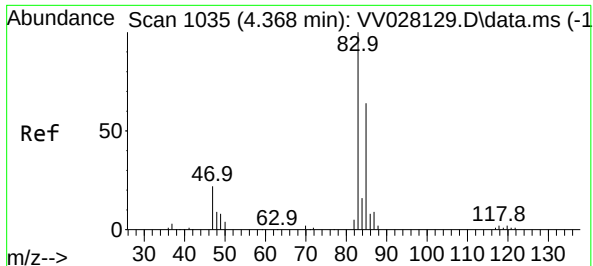
Tgt Ion: 96 Resp: 65959
 Ion Ratio Lower Upper
 96 100
 61 122.0 87.2 161.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.138 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VV028147.D
 Acq: 27 Sep 2022 18:18

Tgt Ion: 128 Resp: 29318
 Ion Ratio Lower Upper
 128 100
 49 141.9 119.9 222.7
 130 126.1 94.6 175.8
 51 49.4 45.1 67.7





#25

Chloroform

Concen: 5.041 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VV028147.D

Acq: 27 Sep 2022 18:18

Instrument :

MSVOA_V

ClientSampleId :

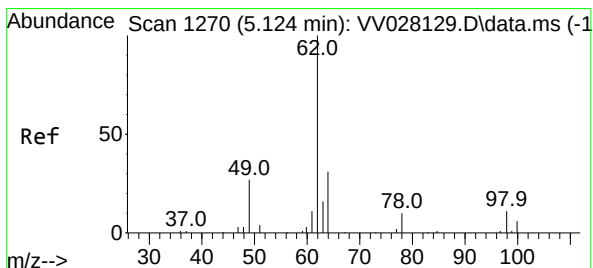
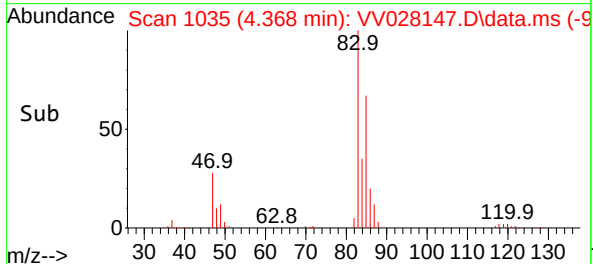
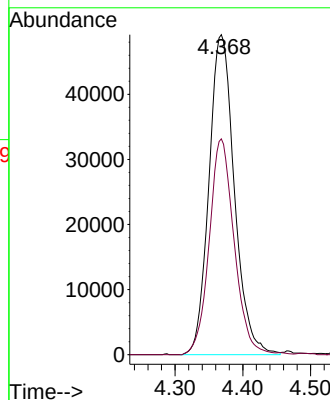
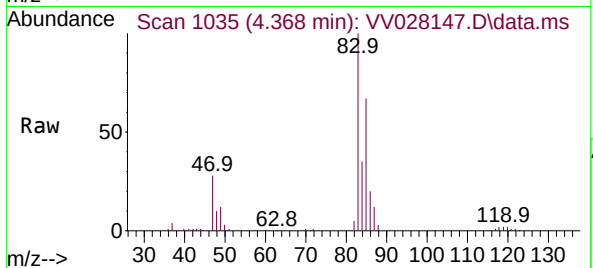
VSTD005306

Tgt Ion: 83 Resp: 128150

Ion Ratio Lower Upper

83 100

85 67.4 45.1 83.7



#27

1,2-Dichloroethane

Concen: 5.092 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.003 min

Lab File: VV028147.D

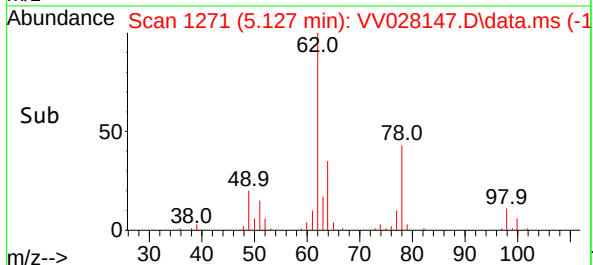
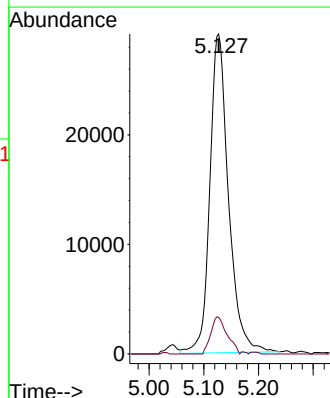
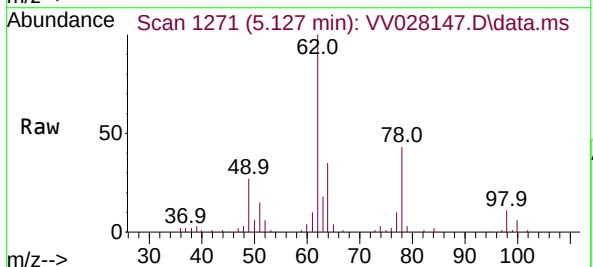
Acq: 27 Sep 2022 18:18

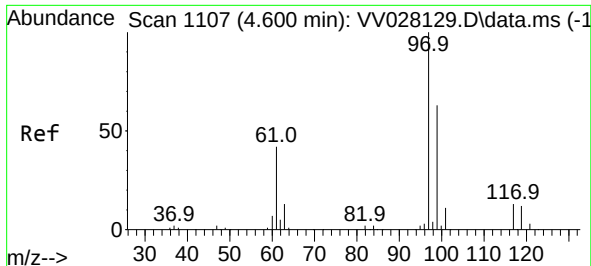
Tgt Ion: 62 Resp: 69019

Ion Ratio Lower Upper

62 100

98 11.5 6.7 10.1#





#29

1,1,1-Trichloroethane

Concen: 4.871 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VV028147.D

Acq: 27 Sep 2022 18:18

Instrument :

MSVOA_V

ClientSampleId :

VSTD005306

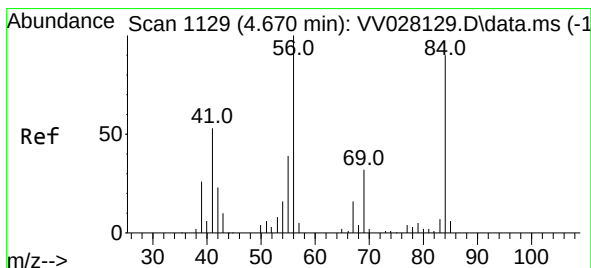
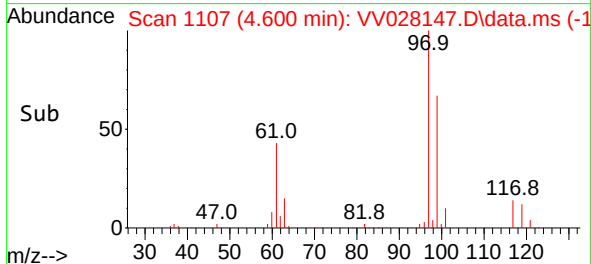
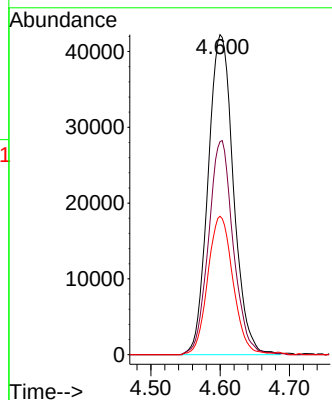
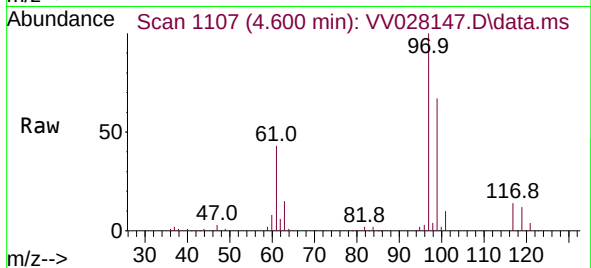
Tgt Ion: 97 Resp: 107359

Ion Ratio Lower Upper

97 100

99 65.4 51.9 77.9

61 43.1 34.8 52.2



#30

Cyclohexane

Concen: 4.716 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VV028147.D

Acq: 27 Sep 2022 18:18

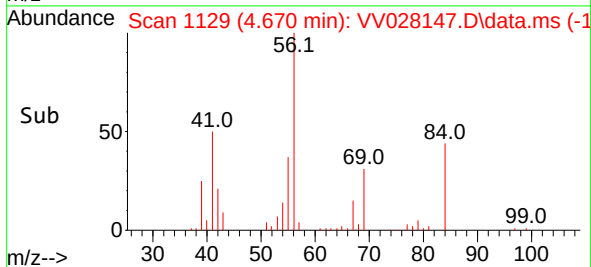
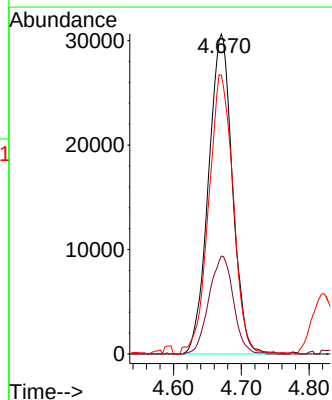
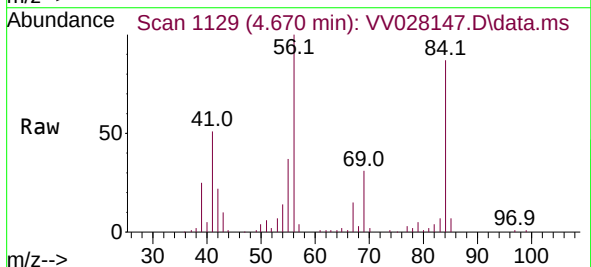
Tgt Ion: 56 Resp: 75184

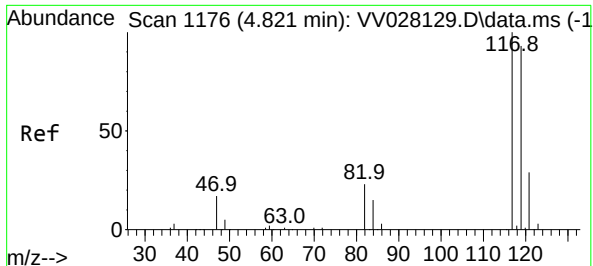
Ion Ratio Lower Upper

56 100

69 31.1 23.7 35.5

84 89.4 67.3 100.9

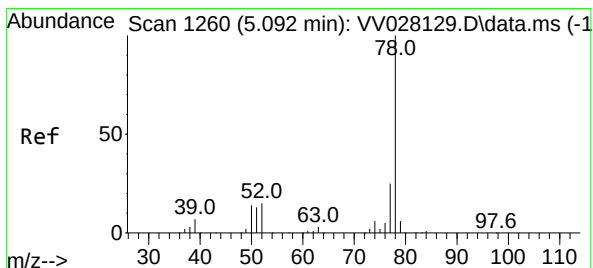
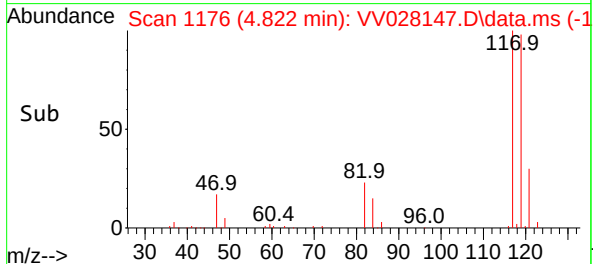
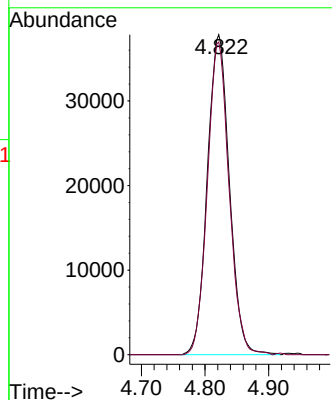
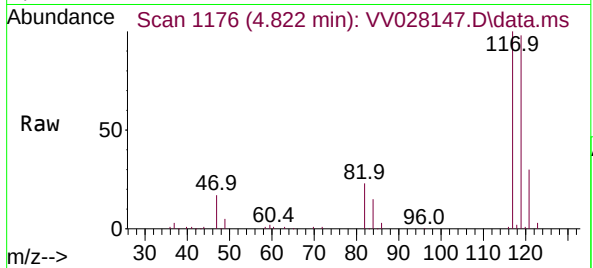




#31
Carbon tetrachloride
Concen: 5.032 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VV028147.D
Acq: 27 Sep 2022 18:18

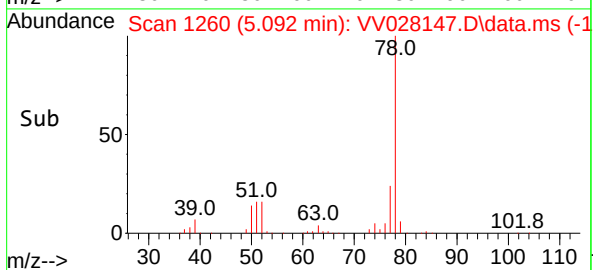
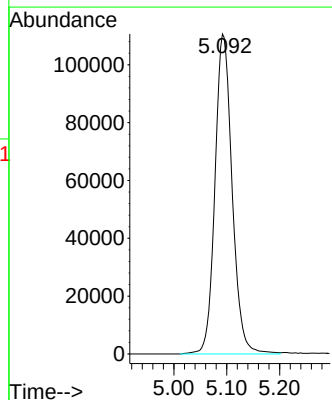
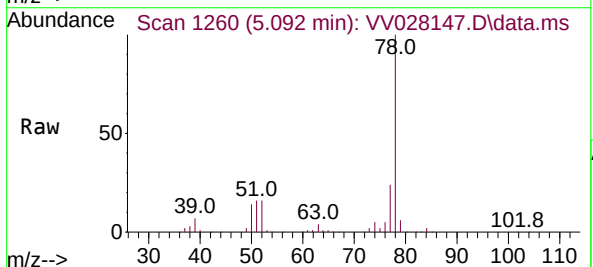
Instrument :
MSVOA_V
ClientSampleId :
VSTD005306

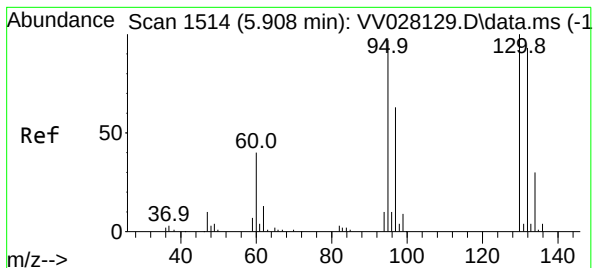
Tgt Ion:117 Resp: 91276
Ion Ratio Lower Upper
117 100
119 96.0 76.9 115.3



#33
Benzene
Concen: 5.019 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VV028147.D
Acq: 27 Sep 2022 18:18

Tgt Ion: 78 Resp: 250038





#34

Trichloroethene

Concen: 5.013 ug/L

RT: 5.908 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV028147.D

Acq: 27 Sep 2022 18:18

Instrument :

MSVOA_V

ClientSampleId :

VSTD005306

Tgt Ion: 95 Resp: 62165

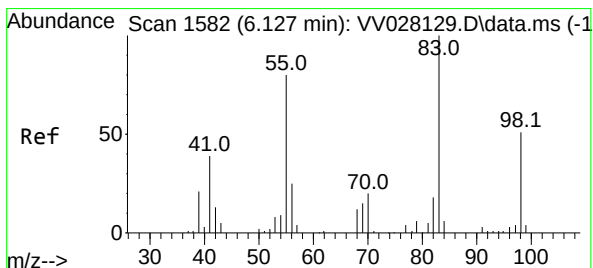
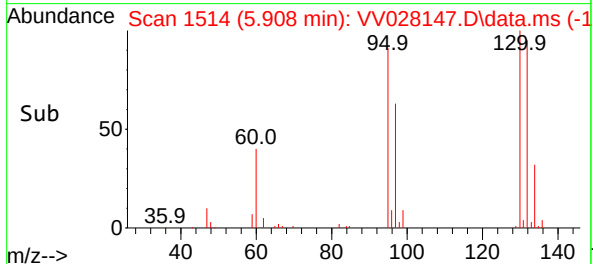
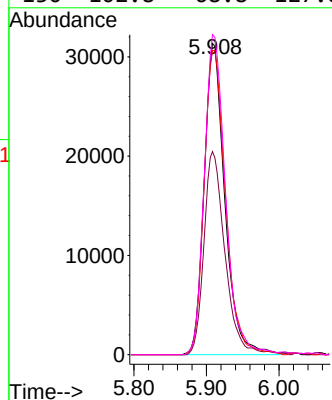
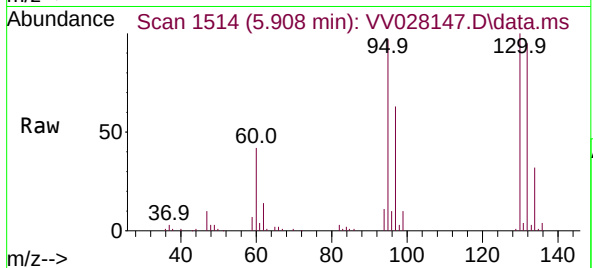
Ion Ratio Lower Upper

95 100

97 65.2 44.2 82.0

132 97.8 67.8 126.0

130 102.8 68.8 127.8



#35

Methylcyclohexane

Concen: 4.843 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. -0.003 min

Lab File: VV028147.D

Acq: 27 Sep 2022 18:18

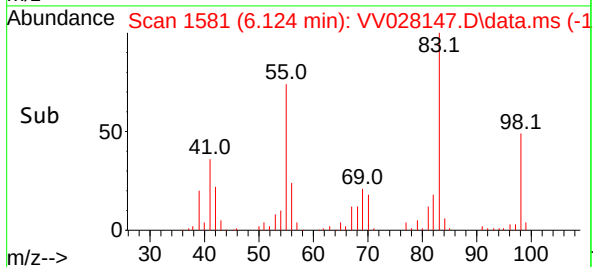
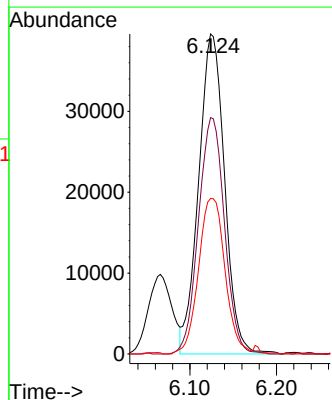
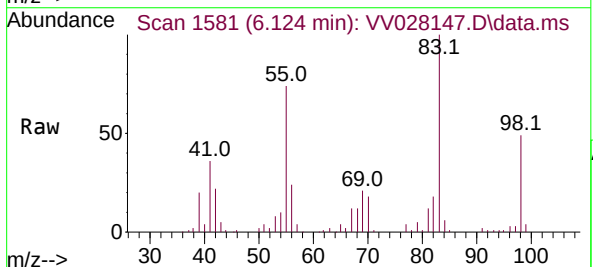
Tgt Ion: 83 Resp: 82350

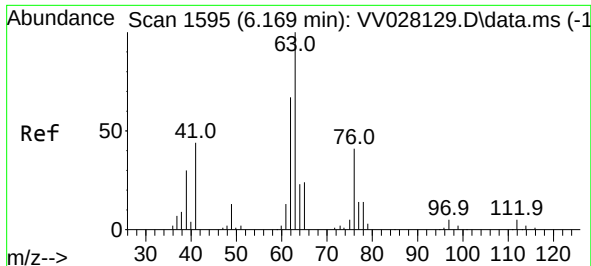
Ion Ratio Lower Upper

83 100

55 74.1 64.7 97.1

98 49.6 39.5 59.3





#37

1,2-Dichloropropane

Concen: 4.624 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV028147.D

Acq: 27 Sep 2022 18:18

Instrument :

MSVOA_V

ClientSampleId :

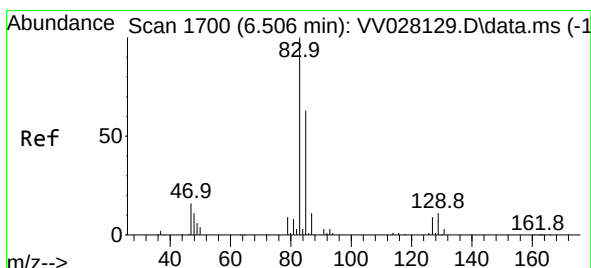
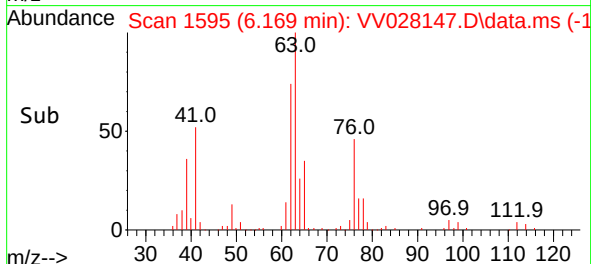
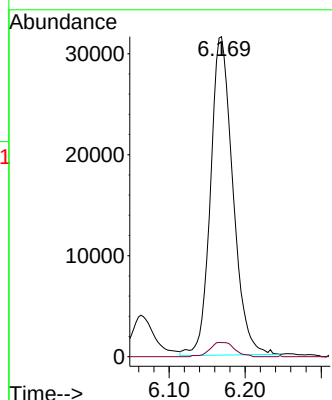
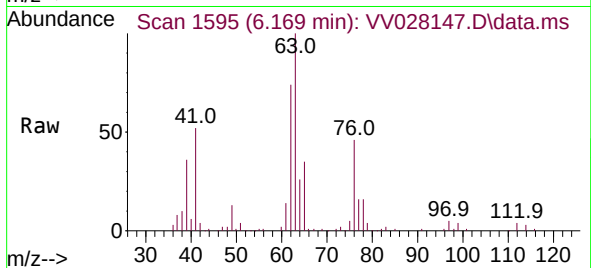
VSTD005306

Tgt Ion: 63 Resp: 64571

Ion Ratio Lower Upper

63 100

112 4.9 3.5 5.3



#38

Bromodichloromethane

Concen: 4.992 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VV028147.D

Acq: 27 Sep 2022 18:18

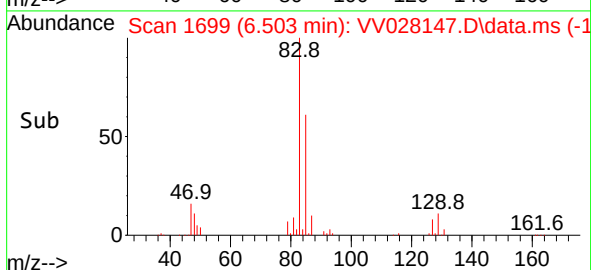
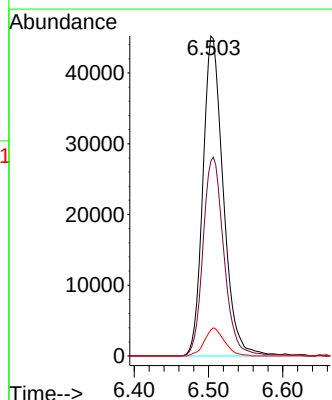
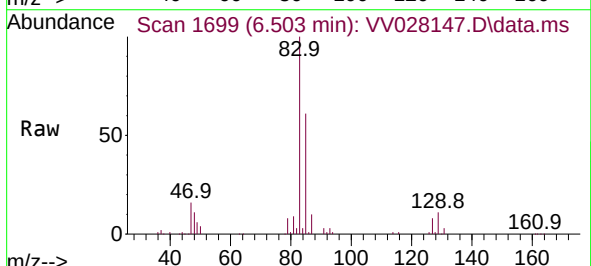
Tgt Ion: 83 Resp: 86065

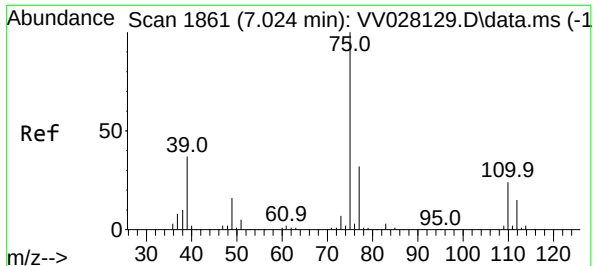
Ion Ratio Lower Upper

83 100

85 61.0 43.8 81.4

127 8.2 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.877 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV028147.D

Acq: 27 Sep 2022 18:18

Instrument :

MSVOA_V

ClientSampleId :

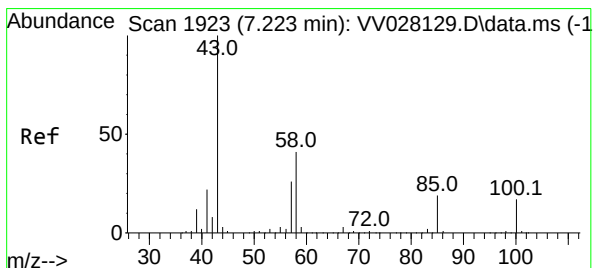
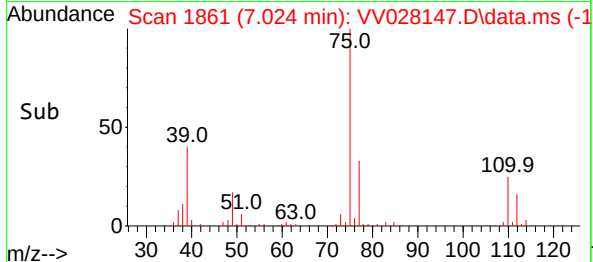
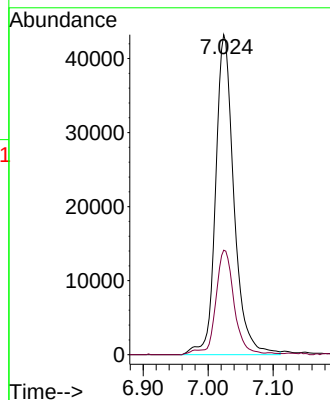
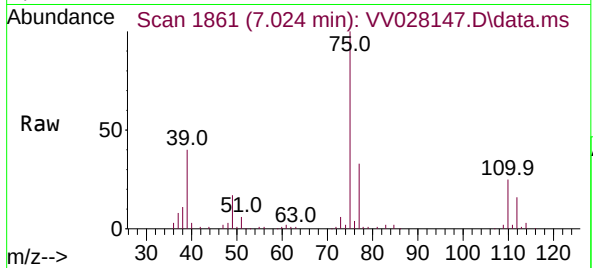
VSTD005306

Tgt Ion: 75 Resp: 84602

Ion Ratio Lower Upper

75 100

77 32.6 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 50.942 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV028147.D

Acq: 27 Sep 2022 18:18

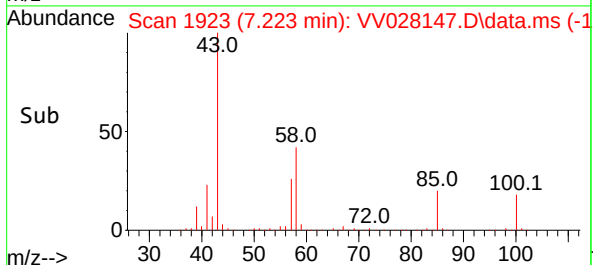
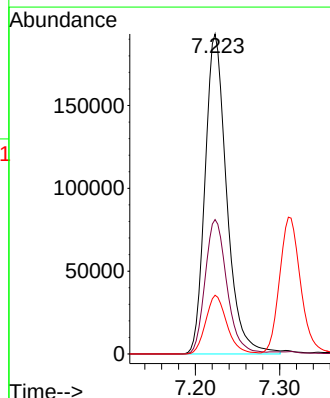
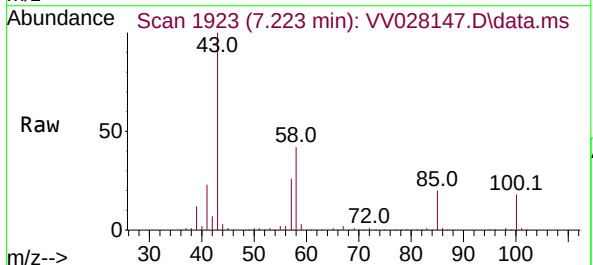
Tgt Ion: 43 Resp: 345469

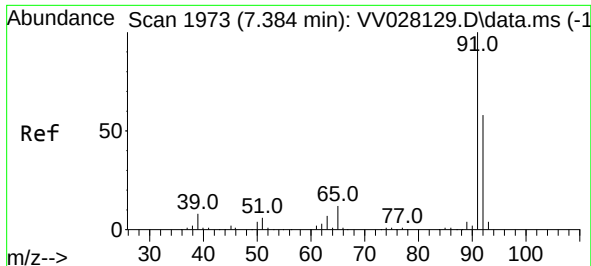
Ion Ratio Lower Upper

43 100

58 42.5 32.2 48.4

100 18.0 12.7 19.1





#42

Toluene

Concen: 5.170 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV028147.D

Acq: 27 Sep 2022 18:18

Instrument :

MSVOA_V

ClientSampleId :

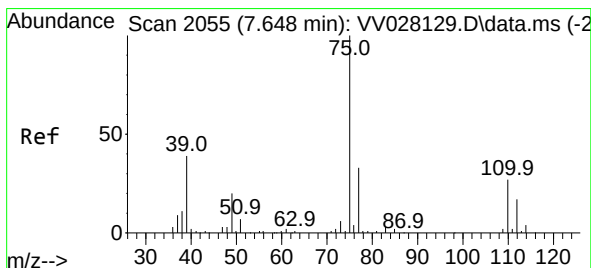
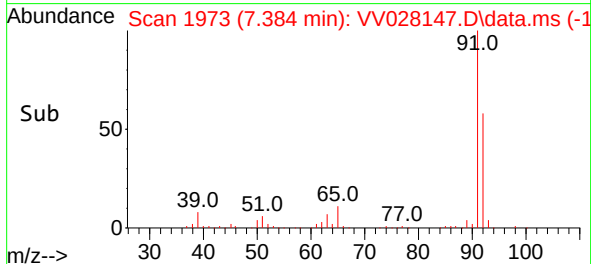
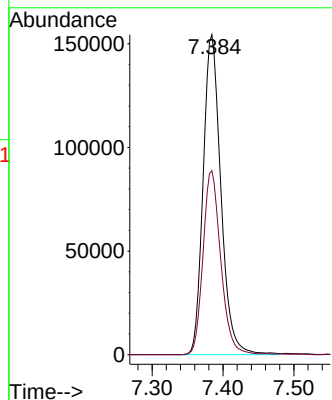
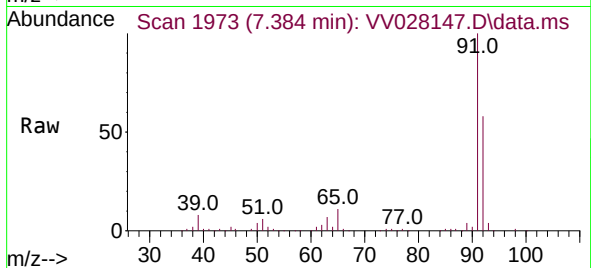
VSTD005306

Tgt Ion: 91 Resp: 268627

Ion Ratio Lower Upper

91 100

92 57.5 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 4.871 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV028147.D

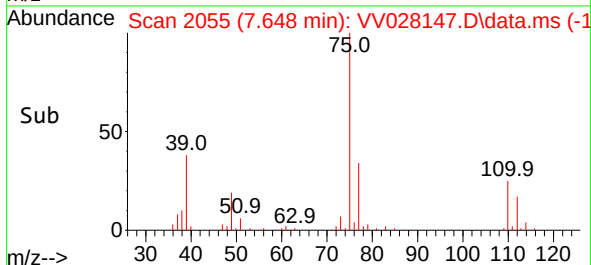
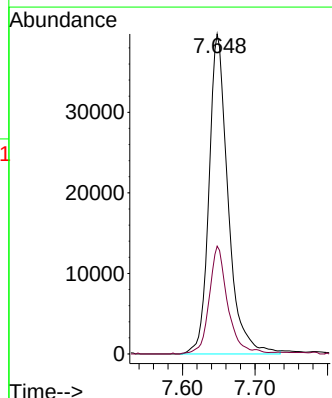
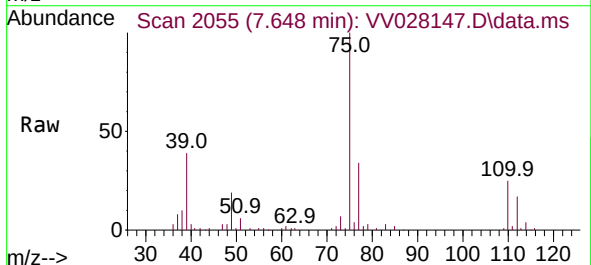
Acq: 27 Sep 2022 18:18

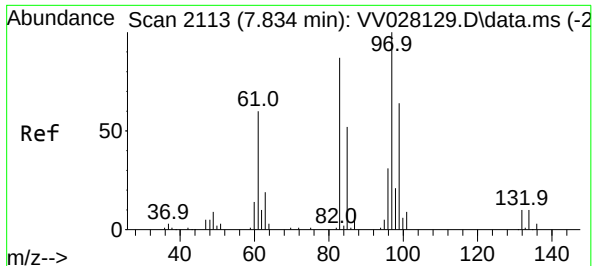
Tgt Ion: 75 Resp: 72677

Ion Ratio Lower Upper

75 100

77 33.7 23.9 44.3

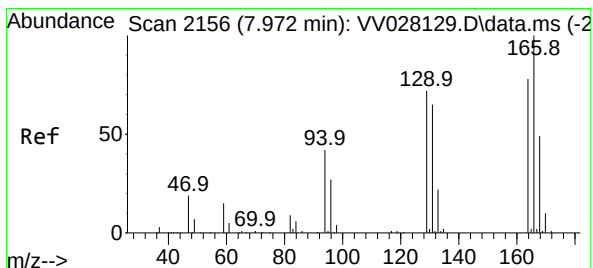
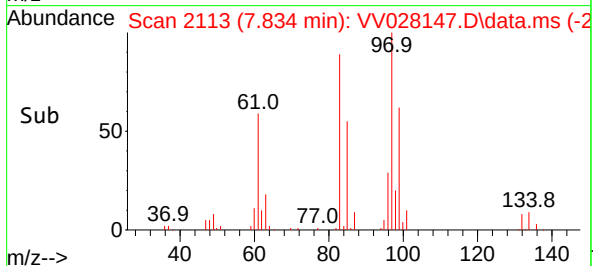
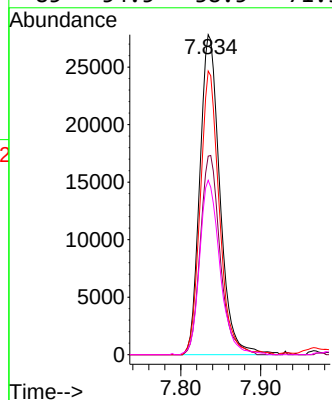
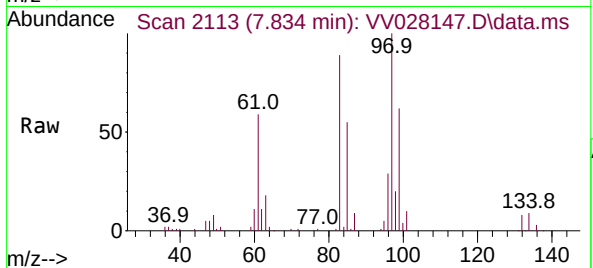




#45
1,1,2-Trichloroethane
Concen: 5.193 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VV028147.D
Acq: 27 Sep 2022 18:18

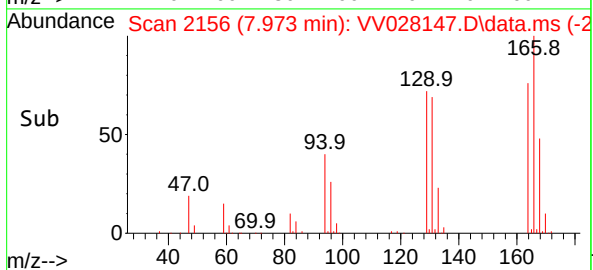
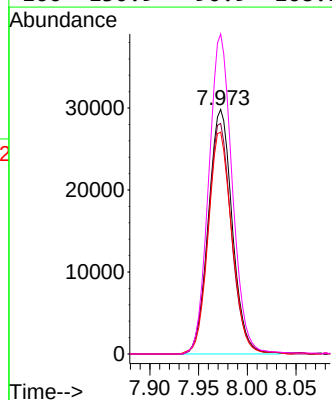
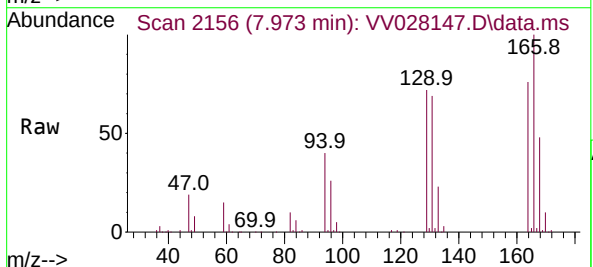
Instrument :
MSVOA_V
ClientSampleId :
VSTD005306

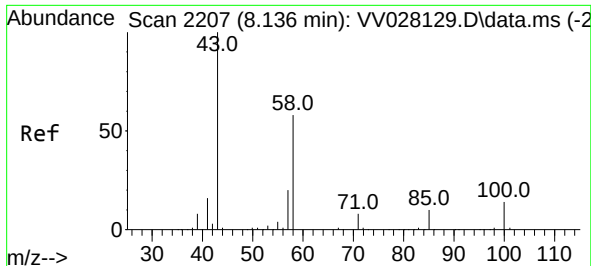
Tgt Ion:	97	Resp:	48607
Ion	Ratio	Lower	Upper
97	100		
99	62.1	43.2	80.2
83	88.7	59.1	109.9
85	54.5	38.5	71.5



#47
Tetrachloroethene
Concen: 5.127 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV028147.D
Acq: 27 Sep 2022 18:18

Tgt Ion:	164	Resp:	50747
Ion	Ratio	Lower	Upper
164	100		
129	94.3	66.7	123.9
131	90.7	61.7	114.5
166	130.9	90.9	168.9



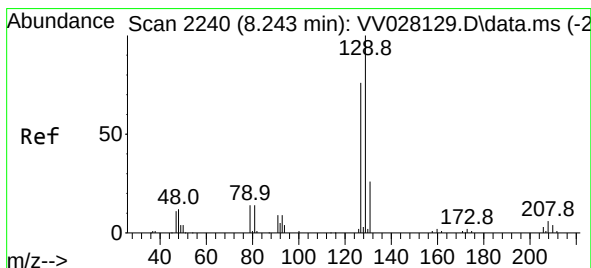
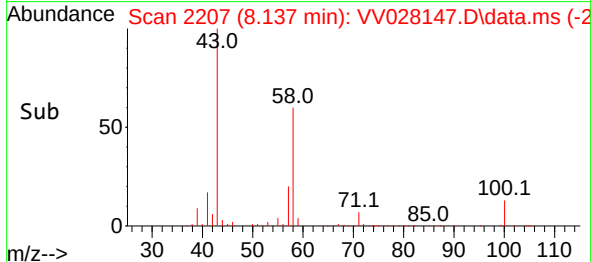
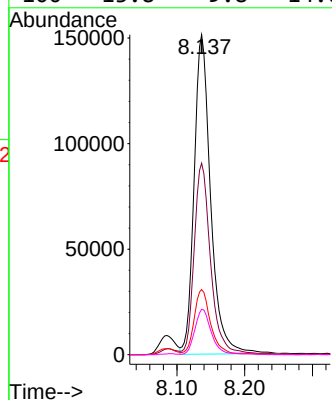
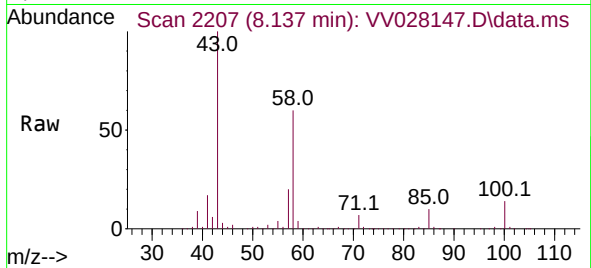


#48
2-Hexanone
Concen: 49.923 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028147.D
Acq: 27 Sep 2022 18:18

Instrument :
MSVOA_V
ClientSampleId :
VSTD005306

Tgt Ion: 43 Resp: 257015

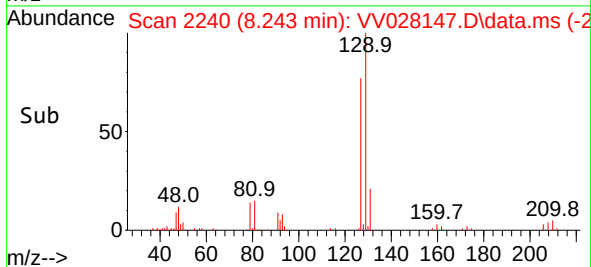
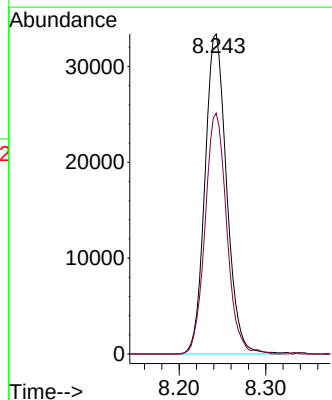
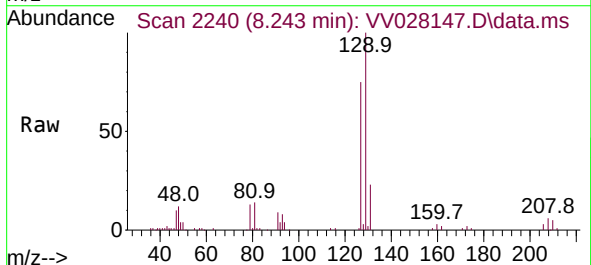
Ion	Ratio	Lower	Upper
43	100		
58	58.5	45.7	68.5
57	20.3	15.5	23.3
100	13.8	9.8	14.6

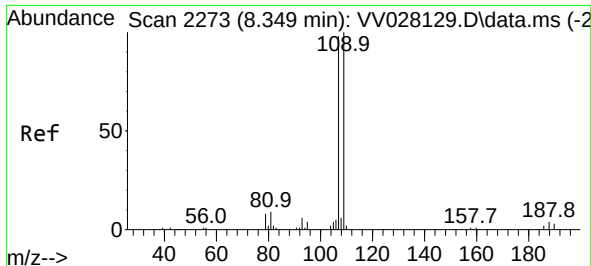


#49
Dibromochloromethane
Concen: 5.143 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV028147.D
Acq: 27 Sep 2022 18:18

Tgt Ion: 129 Resp: 57891

Ion	Ratio	Lower	Upper
129	100		
127	75.2	54.3	100.9





#50

1,2-Dibromoethane

Concen: 5.130 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV028147.D

Acq: 27 Sep 2022 18:18

Instrument :

MSVOA_V

ClientSampleId :

VSTD005306

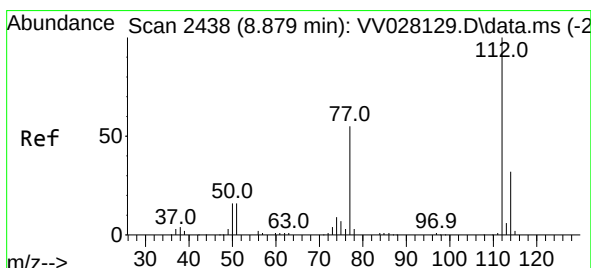
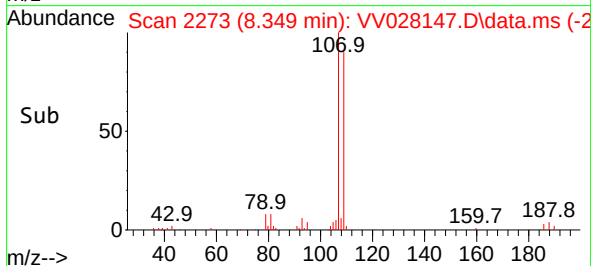
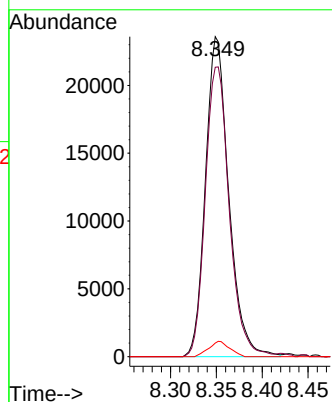
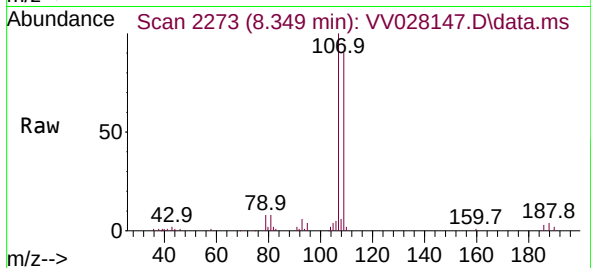
Tgt Ion:107 Resp: 41737

Ion Ratio Lower Upper

107 100

109 90.4 65.9 122.5

188 4.2 3.4 5.0



#51

Chlorobenzene

Concen: 5.116 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV028147.D

Acq: 27 Sep 2022 18:18

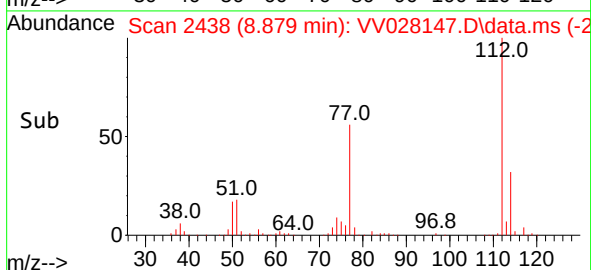
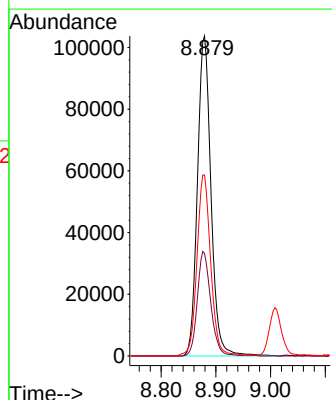
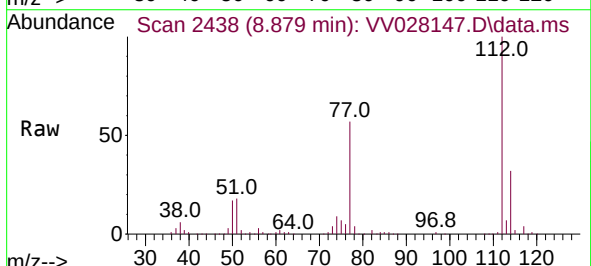
Tgt Ion:112 Resp: 178291

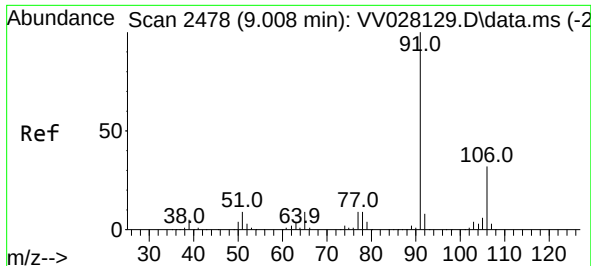
Ion Ratio Lower Upper

112 100

114 32.1 22.5 41.7

77 56.5 46.1 69.1

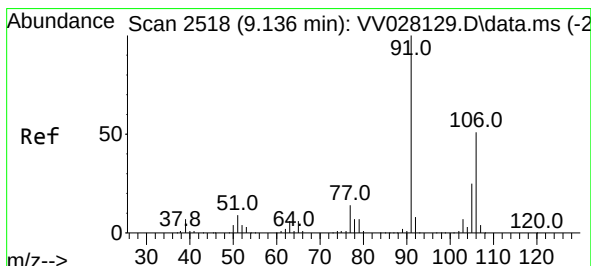
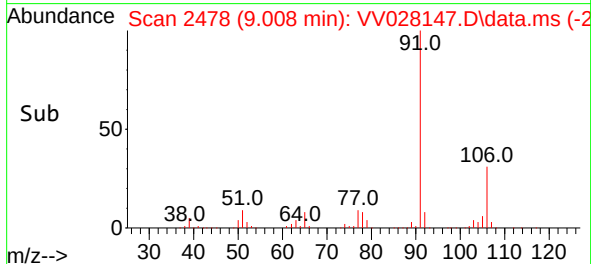
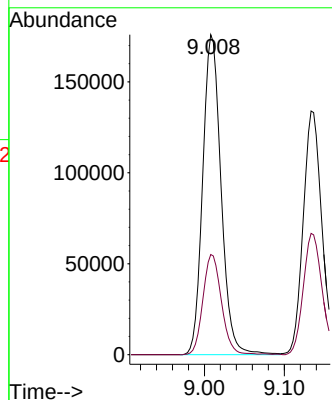
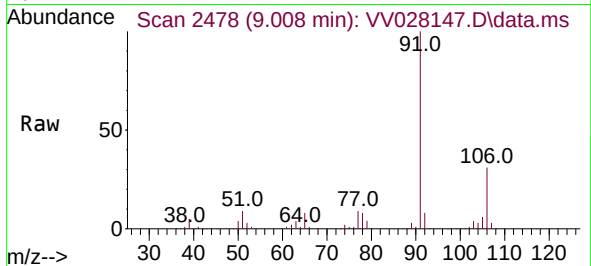




#52
Ethylbenzene
Concen: 5.125 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.000 min
Lab File: VV028147.D
Acq: 27 Sep 2022 18:18

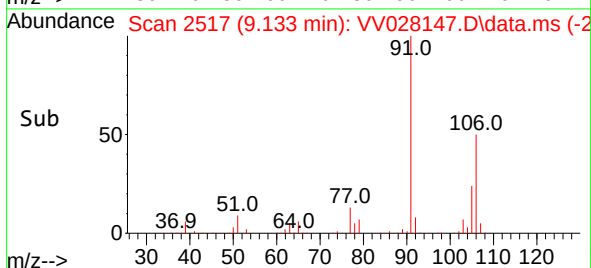
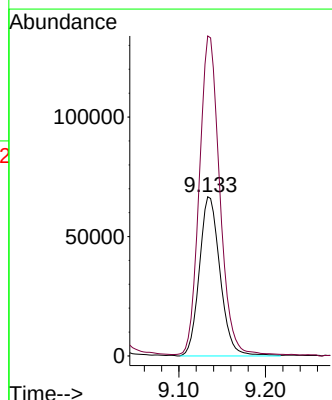
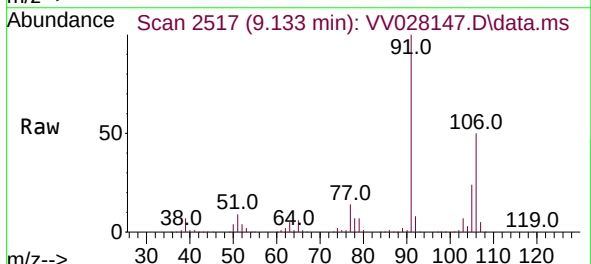
Instrument :
MSVOA_V
ClientSampleId :
VSTD005306

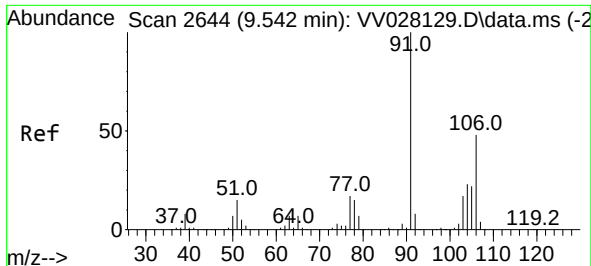
Tgt Ion: 91 Resp: 281706
Ion Ratio Lower Upper
91 100
106 31.3 21.5 39.9



#53
m,p-Xylene
Concen: 5.266 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. -0.003 min
Lab File: VV028147.D
Acq: 27 Sep 2022 18:18

Tgt Ion: 106 Resp: 110946
Ion Ratio Lower Upper
106 100
91 201.0 141.9 263.5

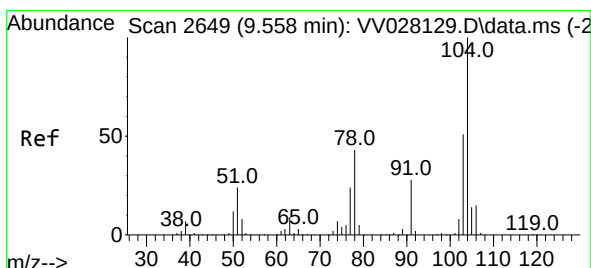
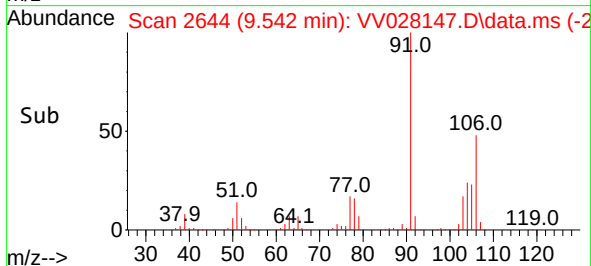
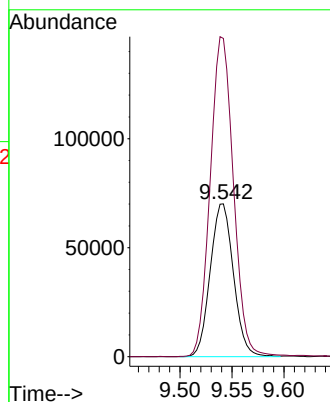
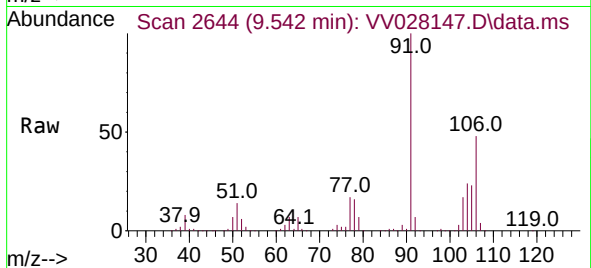




#54
o-Xylene
Concen: 5.240 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV028147.D
Acq: 27 Sep 2022 18:18

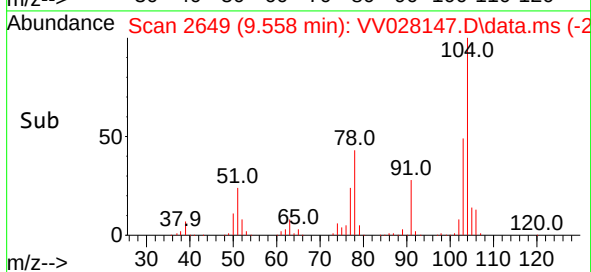
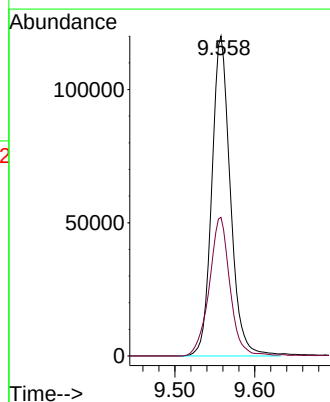
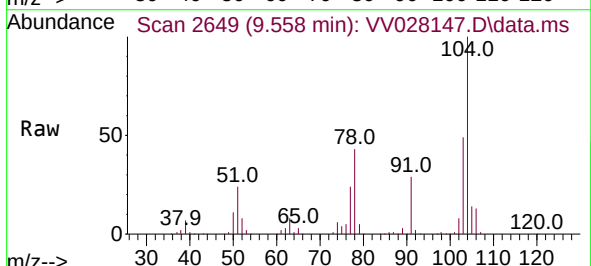
Instrument :
MSVOA_V
ClientSampleId :
VSTD005306

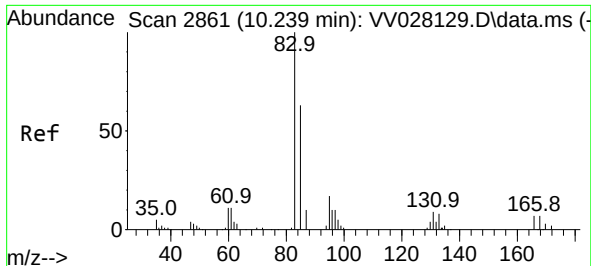
Tgt Ion:106 Resp: 109021
Ion Ratio Lower Upper
106 100
91 208.3 148.1 275.0



#55
Styrene
Concen: 5.374 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV028147.D
Acq: 27 Sep 2022 18:18

Tgt Ion:104 Resp: 193719
Ion Ratio Lower Upper
104 100
78 43.3 31.0 57.6

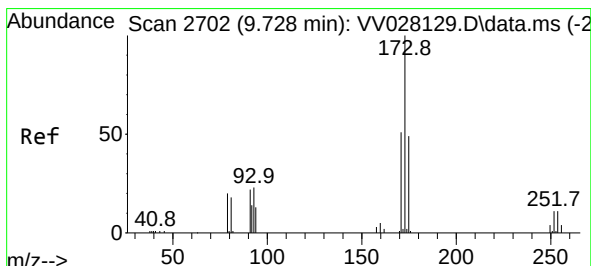
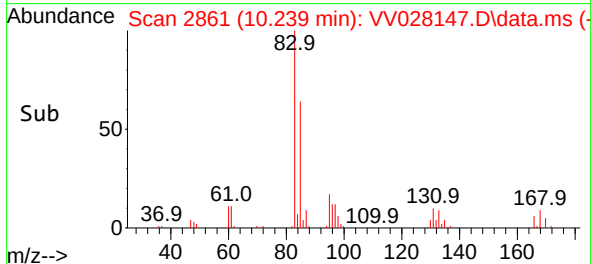
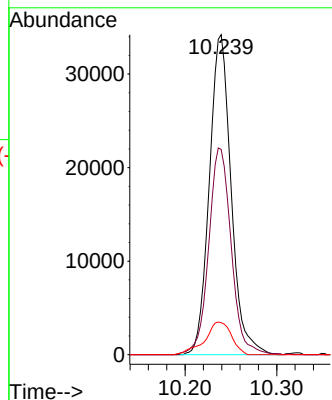
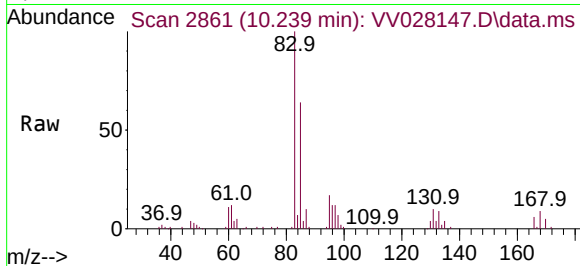




#57
1,1,2,2-Tetrachloroethane
Concen: 5.181 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV028147.D
Acq: 27 Sep 2022 18:18

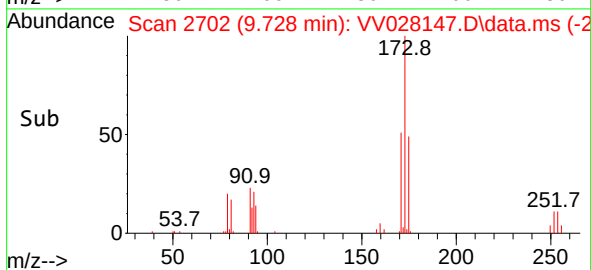
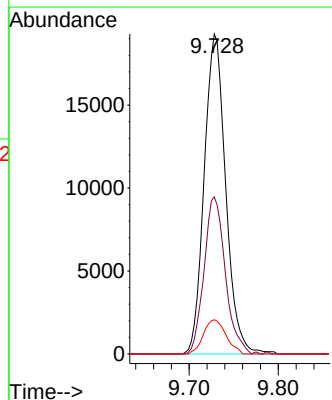
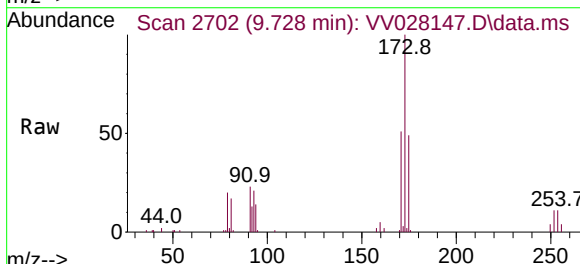
Instrument :
MSVOA_V
ClientSampleId :
VSTD005306

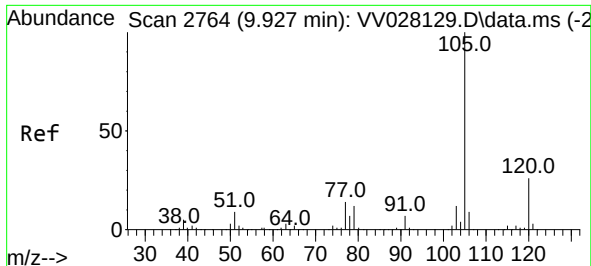
Tgt Ion: 83 Resp: 56510
Ion Ratio Lower Upper
83 100
85 64.1 45.2 84.0
131 10.0 7.8 11.8



#59
Bromoform
Concen: 5.246 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.000 min
Lab File: VV028147.D
Acq: 27 Sep 2022 18:18

Tgt Ion: 173 Resp: 32332
Ion Ratio Lower Upper
173 100
175 48.3 39.0 58.4
254 11.2 8.7 13.1

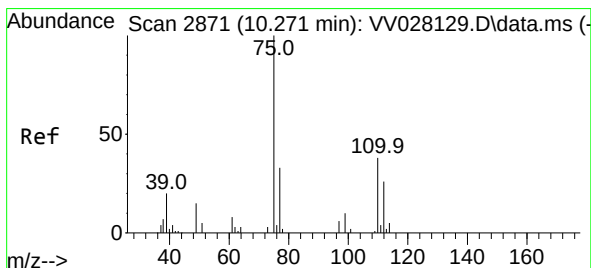
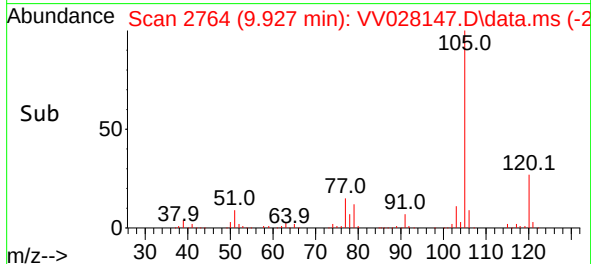
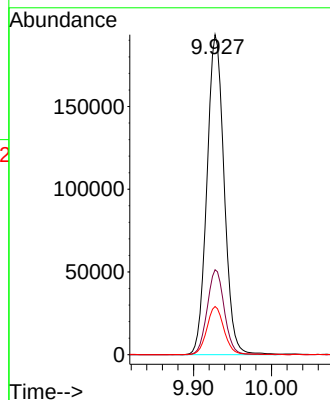
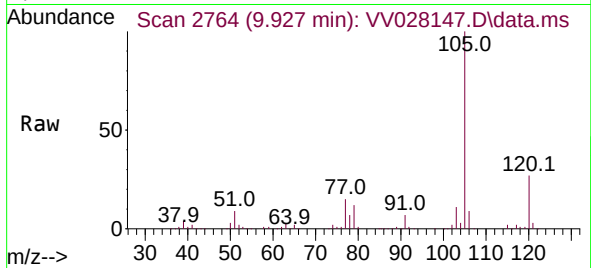




#60
Isopropylbenzene
Concen: 5.195 ug/L
RT: 9.927 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028147.D
Acq: 27 Sep 2022 18:18

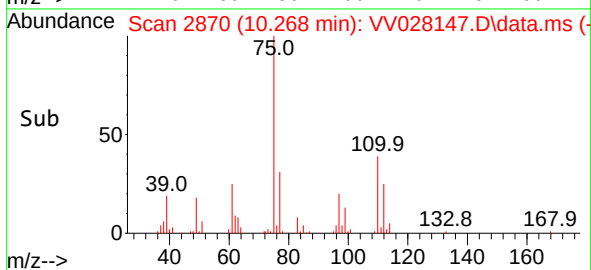
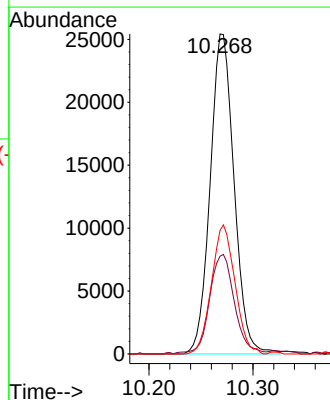
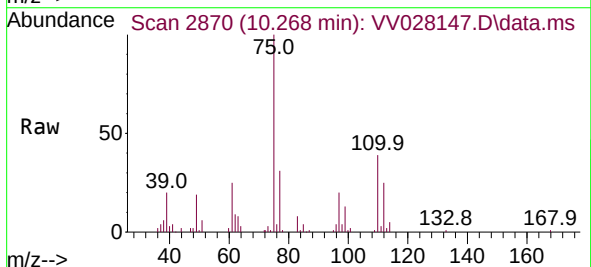
Instrument :
MSVOA_V
ClientSampleId :
VSTD005306

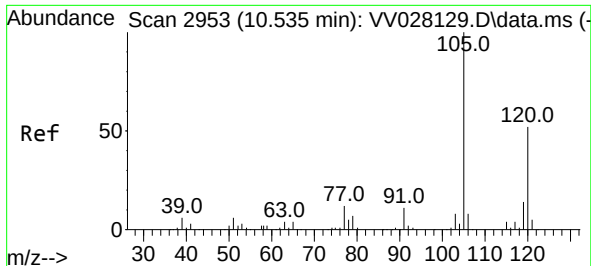
Tgt Ion:105 Resp: 295992
Ion Ratio Lower Upper
105 100
120 26.4 21.4 32.0
77 15.1 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.996 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.003 min
Lab File: VV028147.D
Acq: 27 Sep 2022 18:18

Tgt Ion: 75 Resp: 40672
Ion Ratio Lower Upper
75 100
77 32.3 26.7 40.1
110 39.7 30.1 45.1





#62

1,3,5-Trimethylbenzene

Concen: 4.897 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VV028147.D

Acq: 27 Sep 2022 18:18

Instrument :

MSVOA_V

ClientSampleId :

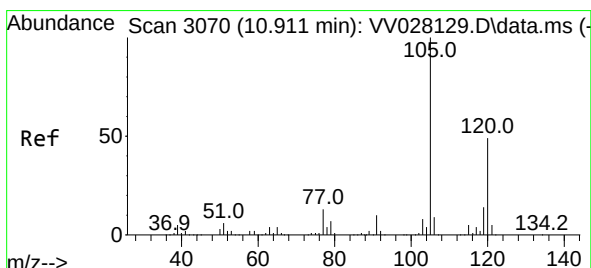
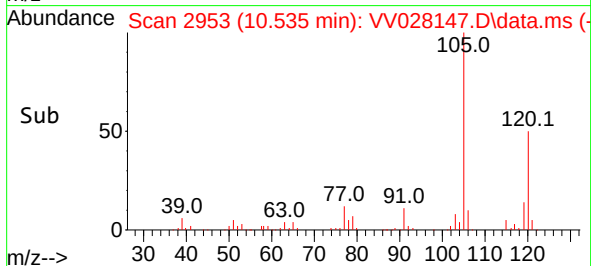
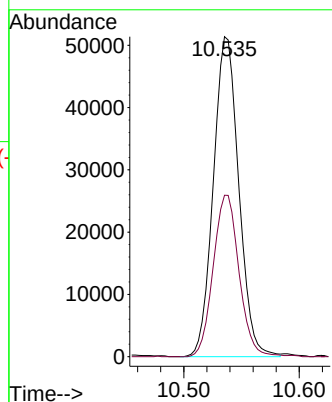
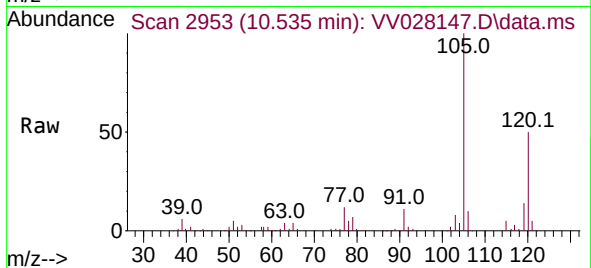
VSTD005306

Tgt Ion:105 Resp: 78600

Ion Ratio Lower Upper

105 100

120 51.4 40.6 61.0



#63

1,2,4-Trimethylbenzene

Concen: 5.077 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV028147.D

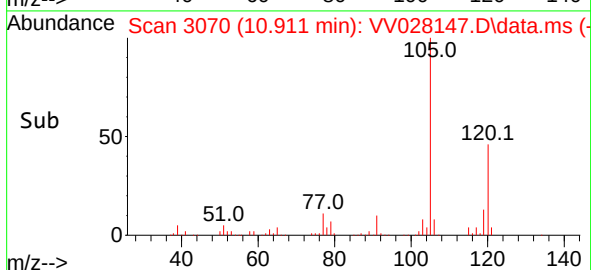
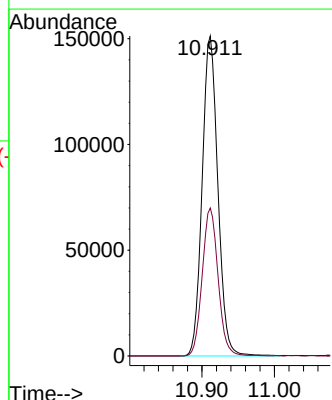
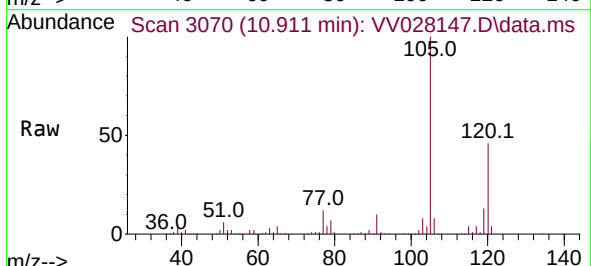
Acq: 27 Sep 2022 18:18

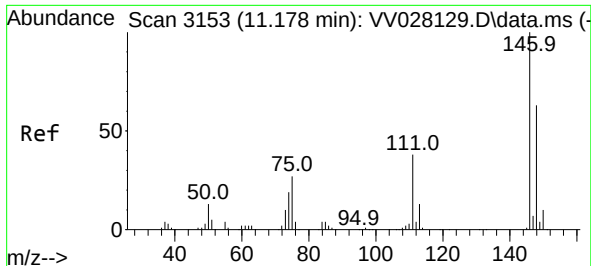
Tgt Ion:105 Resp: 227750

Ion Ratio Lower Upper

105 100

120 46.7 37.8 56.8

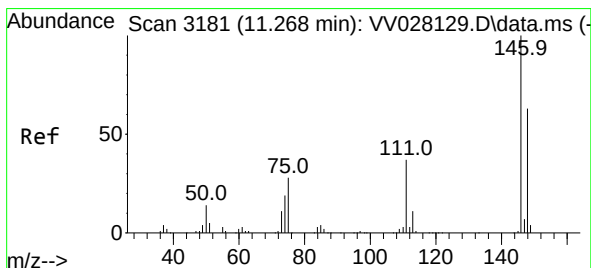
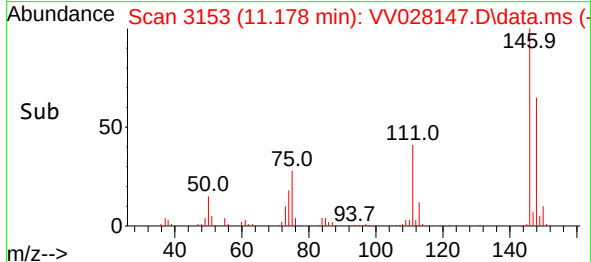
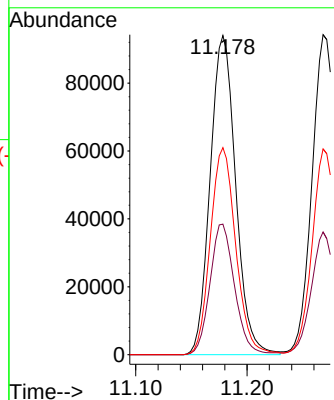
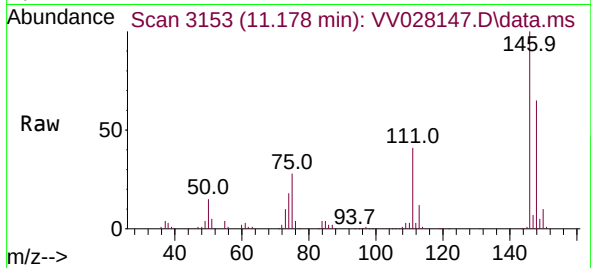




#64
1,3-Dichlorobenzene
Concen: 5.276 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV028147.D
Acq: 27 Sep 2022 18:18

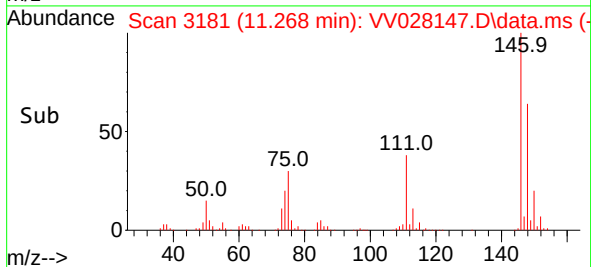
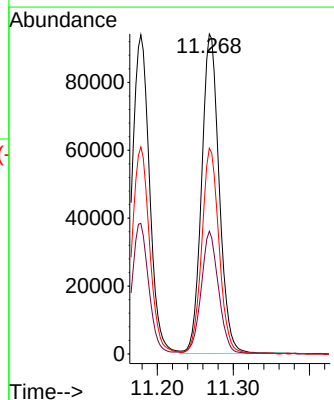
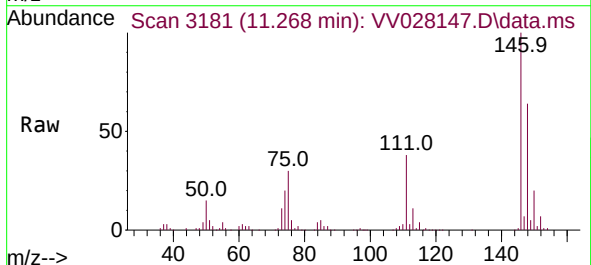
Instrument :
MSVOA_V
ClientSampleId :
VSTD005306

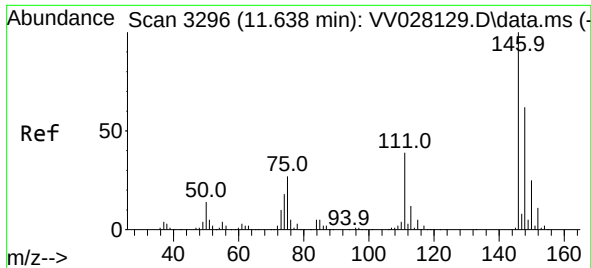
Tgt Ion:146 Resp: 149581
Ion Ratio Lower Upper
146 100
111 40.9 27.1 50.3
148 64.9 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 5.322 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV028147.D
Acq: 27 Sep 2022 18:18

Tgt Ion:146 Resp: 150982
Ion Ratio Lower Upper
146 100
111 38.4 26.2 48.8
148 64.3 45.8 85.2

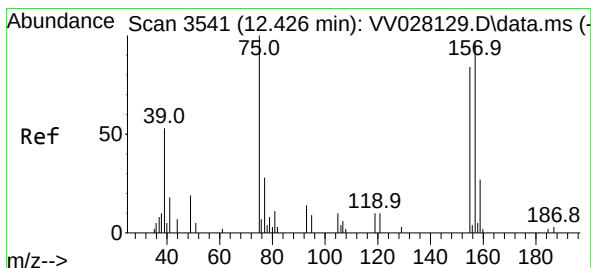
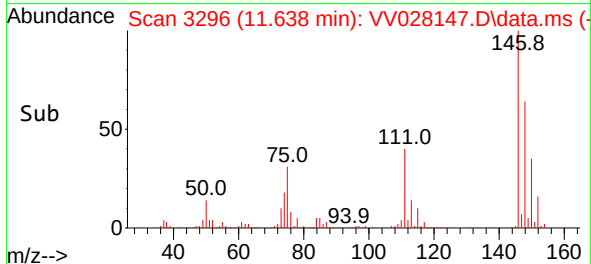
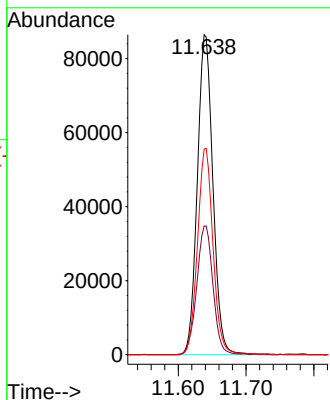
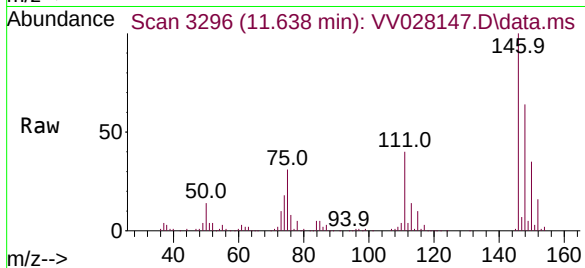




#67
1,2-Dichlorobenzene
Concen: 5.152 ug/L
RT: 11.638 min Scan# 3296
Delta R.T. 0.000 min
Lab File: VV028147.D
Acq: 27 Sep 2022 18:18

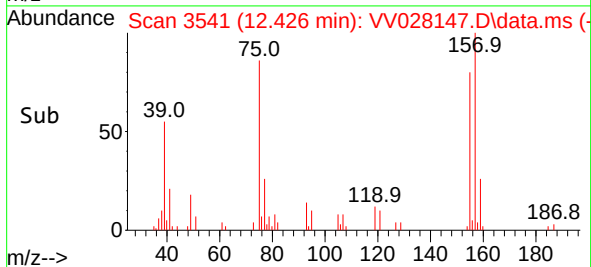
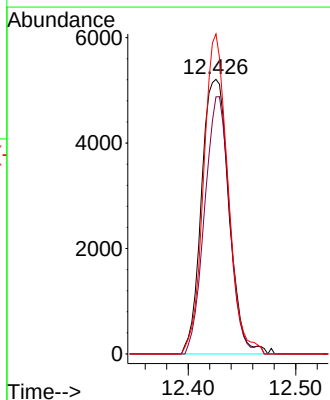
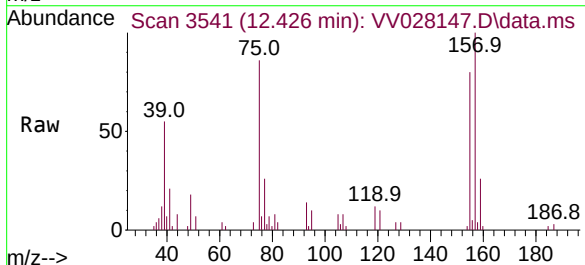
Instrument :
MSVOA_V
ClientSampleId :
VSTD005306

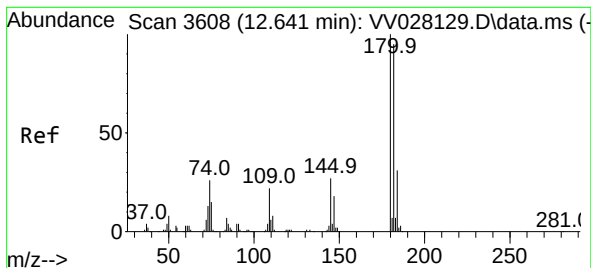
Tgt Ion:146 Resp: 137987
Ion Ratio Lower Upper
146 100
111 40.2 32.6 49.0
148 64.2 50.1 75.1



#68
1,2-Dibromo-3-chloropropane
Concen: 5.170 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV028147.D
Acq: 27 Sep 2022 18:18

Tgt Ion: 75 Resp: 9227
Ion Ratio Lower Upper
75 100
155 93.6 73.6 110.4
157 116.5 90.7 136.1





#69

1,3,5-Trichlorobenzene

Concen: 5.209 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. 0.000 min

Lab File: VV028147.D

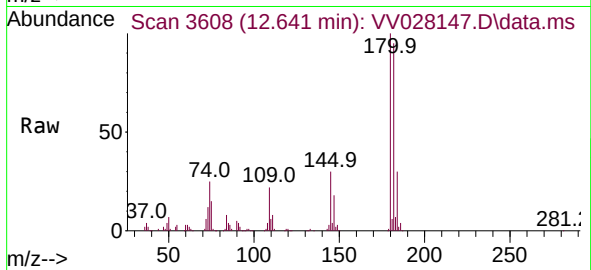
Acq: 27 Sep 2022 18:18

Instrument :

MSVOA_V

ClientSampleId :

VSTD005306



Tgt Ion:180 Resp: 116903

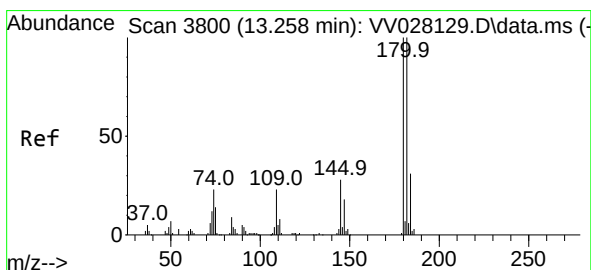
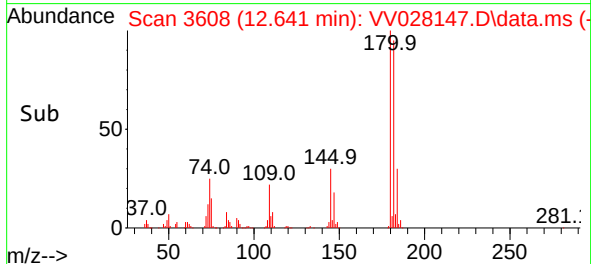
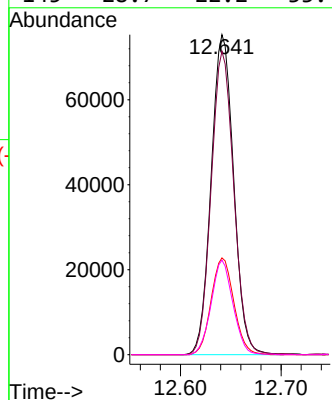
Ion Ratio Lower Upper

180 100

182 95.2 75.5 113.3

184 30.6 23.7 35.5

145 28.7 22.2 33.4



#70

1,2,4-trichlorobenzene

Concen: 5.310 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV028147.D

Acq: 27 Sep 2022 18:18

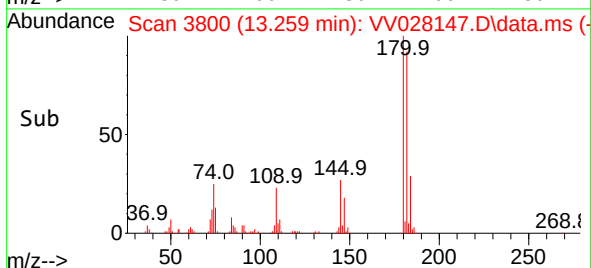
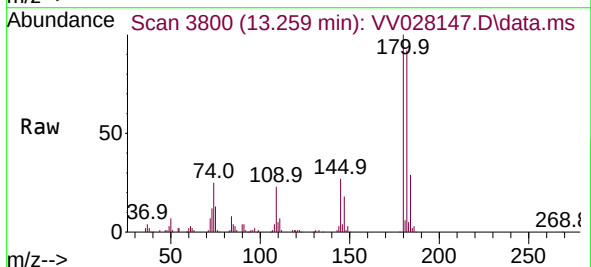
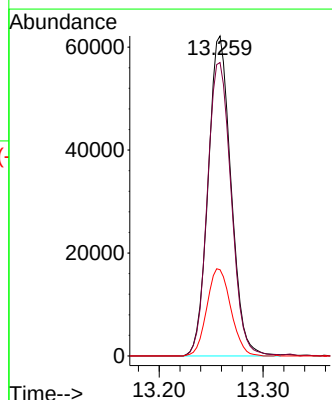
Tgt Ion:180 Resp: 95291

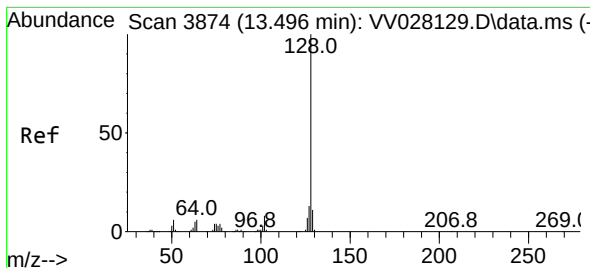
Ion Ratio Lower Upper

180 100

182 94.9 76.3 114.5

145 28.4 22.9 34.3





#71

Naphthalene

Concen: 4.834 ug/L

RT: 13.500 min Scan# 3950

Delta R.T. 0.003 min

Lab File: VV028147.D

Acq: 27 Sep 2022 18:18

Instrument :

MSVOA_V

ClientSampleId :

VSTD005306

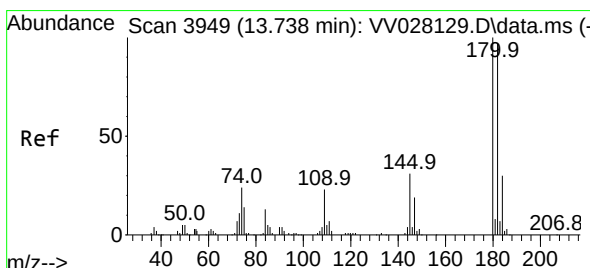
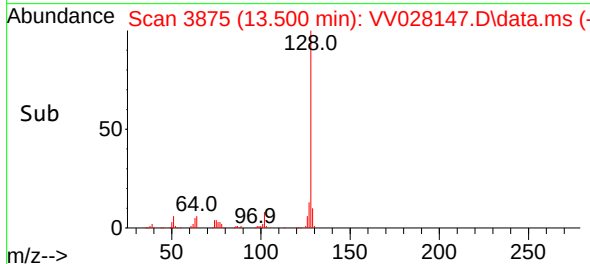
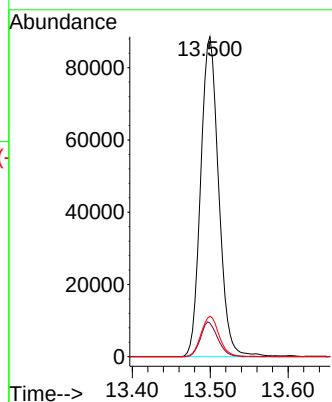
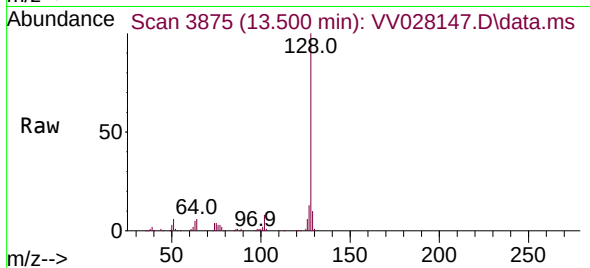
Tgt Ion:128 Resp: 142061

Ion Ratio Lower Upper

128 100

129 10.3 8.2 12.2

127 12.7 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.218 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.003 min

Lab File: VV028147.D

Acq: 27 Sep 2022 18:18

Tgt Ion:180 Resp: 84712

Ion Ratio Lower Upper

180 100

182 93.5 77.4 116.0

145 30.8 24.6 36.8

