

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101422\
 Data File : VV028546.D
 Acq On : 14 Oct 2022 11:41
 Operator : SY/MD
 Sample : VSTD0.558
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5258

Quant Time: Oct 15 01:42:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 15 01:39:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.600	114	262983	5.000	ug/L	0.01
28) Chlorobenzene-d5	8.844	117	224241	5.000	ug/L	-0.01
58) 1,4-Dichlorobenzene-d4	11.239	152	108711	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	10840	0.541	ug/L	0.00
7) Chloroethane-d5	1.555	69	8447	0.503	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.095	63	18122	0.489	ug/L	0.00
20) 2-Butanone-d5	3.931	46	26306	7.073	ug/L	-0.01
24) Chloroform-d	4.333	84	15733	0.446	ug/L	-0.01
26) 1,2-Dichloroethane-d4	5.021	65	8845	0.514	ug/L	-0.01
32) Benzene-d6	5.031	84	30922	0.470	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.056	67	10348	0.546	ug/L	0.00
41) Toluene-d8	7.304	98	23371	0.410	ug/L	-0.02
43) trans-1,3-Dichloroprop...	7.616	79	3765	0.541	ug/L	-0.02
46) 2-Hexanone-d5	8.108	63	14084	4.860	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.211	84	6260	0.462	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.619	152	7701	0.412	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	6479	0.340	ug/L	96
3) Chloromethane	1.230	50	12809	0.629	ug/L	98
5) Vinyl chloride	1.298	62	10841	0.492	ug/L	86
6) Bromomethane	1.510	94	4647	0.449	ug/L	92
8) Chloroethane	1.571	64	7142	0.492	ug/L	88
9) Trichlorofluoromethane	1.738	101	12210	0.386	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.102	101	6995	0.395	ug/L	94
12) 1,1-Dichloroethene	2.102	96	6833	0.388	ug/L	83
13) Acetone	2.220	43	14389	6.150	ug/L	75
14) Carbon disulfide	2.278	76	21524	0.395	ug/L	95
15) Methyl Acetate	2.442	43	3580	0.541	ug/L #	82
16) Methylene chloride	2.494	84	18151	0.873	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	20642	0.535	ug/L	99
18) trans-1,2-Dichloroethene	2.741	96	7606	0.410	ug/L	93
19) 1,1-Dichloroethane	3.172	63	17914	0.534	ug/L	98
21) 2-Butanone	4.018	43	25748	7.045	ug/L	84
22) cis-1,2-Dichloroethene	3.892	96	8767	0.455	ug/L #	97
23) Bromochloromethane	4.224	128	3499	0.429	ug/L	90
25) Chloroform	4.359	83	18134	0.509	ug/L	100
27) 1,2-Dichloroethane	5.121	62	10194	0.511	ug/L	98
29) 1,1,1-Trichloroethane	4.584	97	13788	0.482	ug/L	94
30) Cyclohexane	4.648	56	14361	0.535	ug/L #	90
31) Carbon tetrachloride	4.802	117	10981	0.435	ug/L	97
33) Benzene	5.079	78	33107	0.474	ug/L	100
34) Trichloroethene	5.892	95	8021	0.476	ug/L	94
35) Methylcyclohexane	6.101	83	13108	0.472	ug/L	99
37) 1,2-Dichloropropane	6.159	63	8535	0.532	ug/L #	95
38) Bromodichloromethane	6.497	83	9071	0.426	ug/L	88
39) cis-1,3-Dichloropropene	7.018	75	9962	0.439	ug/L	94
40) 4-Methyl-2-pentanone	7.243	43	48922	6.252	ug/L	98
42) Toluene	7.375	91	30670	0.438	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	8515	0.448	ug/L	97

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

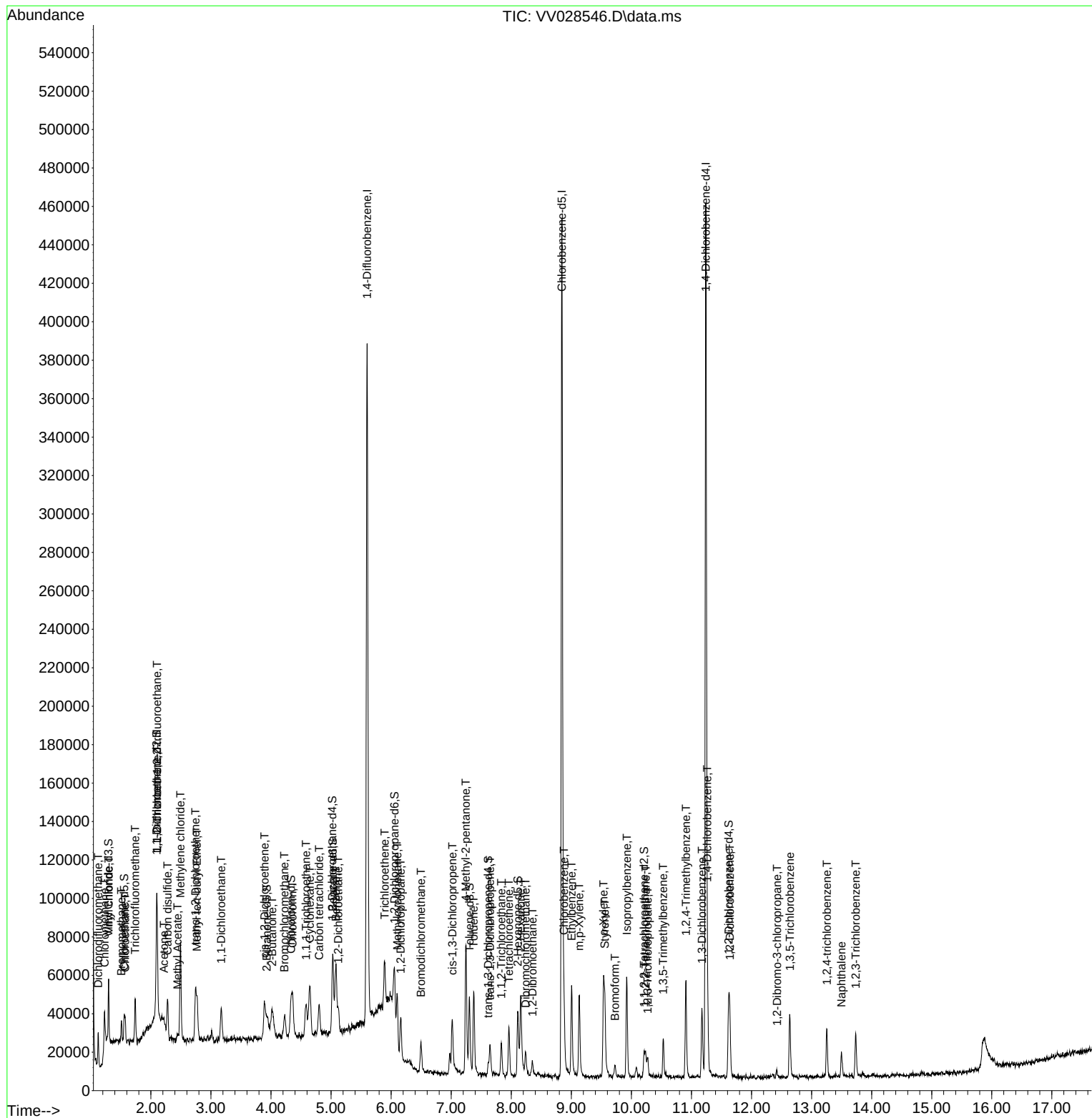
45) 1,1,2-Trichloroethane	7.834	97	4808	0.425	ug/L	94
47) Tetrachloroethene	7.960	164	5263	0.379	ug/L	89
48) 2-Hexanone	8.159	43	29731	5.567	ug/L	97
49) Dibromochloromethane	8.240	129	5239	0.383	ug/L	89
50) 1,2-Dibromoethane	8.352	107	4499	0.450	ug/L #	96
51) Chlorobenzene	8.876	112	18854	0.412	ug/L	97
52) Ethylbenzene	9.005	91	32205	0.435	ug/L	99
53) m,p-Xylene	9.133	106	11936	0.414	ug/L	96
54) o-Xylene	9.535	106	11648	0.421	ug/L	92
55) Styrene	9.558	104	19017	0.406	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	5475	0.428	ug/L	91
59) Bromoform	9.728	173	2361	0.356	ug/L #	97
60) Isopropylbenzene	9.924	105	31874	0.473	ug/L	98
61) 1,2,3-Trichloropropane	10.272	75	4680	0.555	ug/L	93
62) 1,3,5-Trimethylbenzene	10.529	105	9969	0.511	ug/L	99
63) 1,2,4-Trimethylbenzene	10.908	105	25221	0.460	ug/L	98
64) 1,3-Dichlorobenzene	11.175	146	13247	0.414	ug/L	96
65) 1,4-Dichlorobenzene	11.265	146	13668	0.429	ug/L	97
67) 1,2-Dichlorobenzene	11.638	146	12162	0.418	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	880	0.458	ug/L	85
69) 1,3,5-Trichlorobenzene	12.638	180	9322	0.370	ug/L	99
70) 1,2,4-trichlorobenzene	13.255	180	6073	0.315	ug/L	89
71) Naphthalene	13.497	128	9318	0.305	ug/L	96
72) 1,2,3-Trichlorobenzene	13.734	180	5845	0.341	ug/L	94

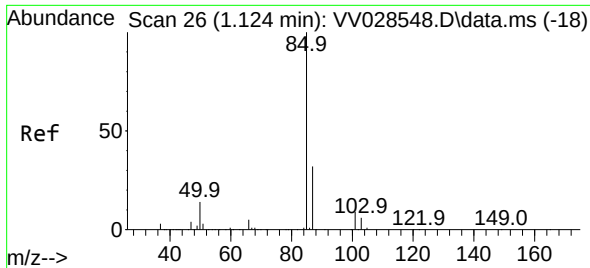
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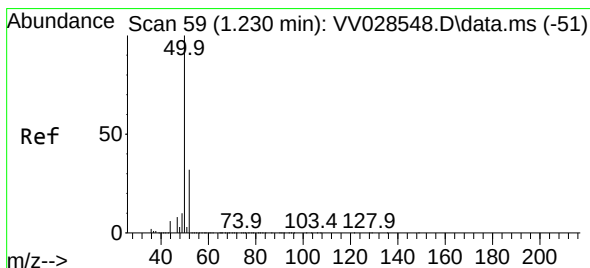
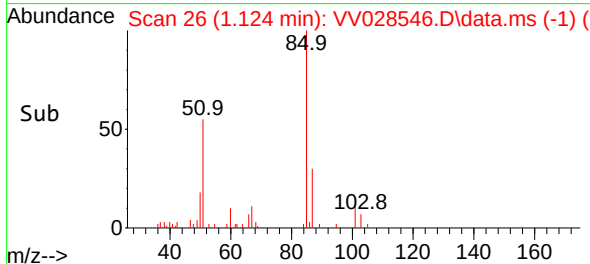
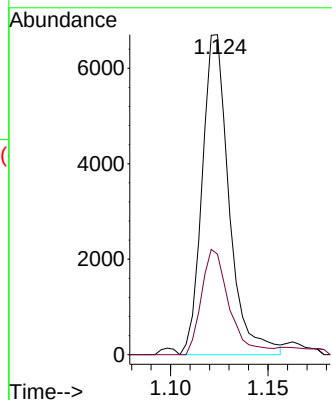
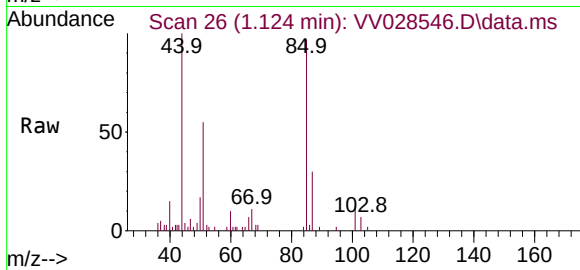




#2
 Dichlorodifluoromethane
 Concen: 0.340 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV028546.D
 Acq: 14 Oct 2022 11:41

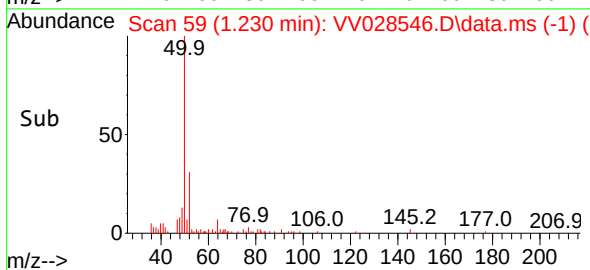
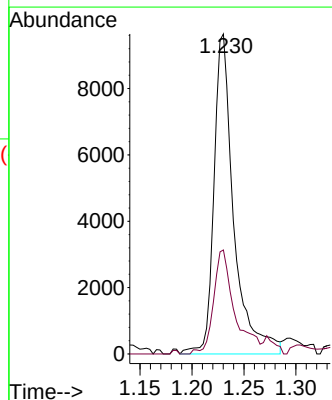
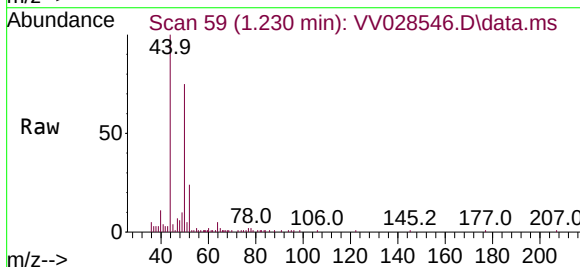
Instrument :
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 ClientSampleId :
 VSTD0.5258

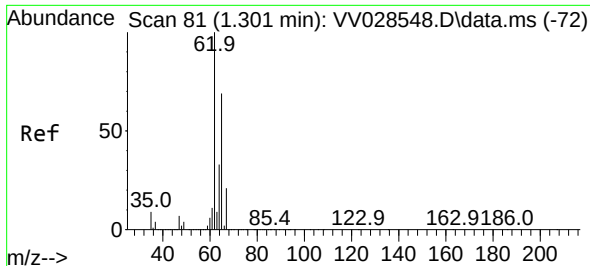
Tgt Ion: 85 Resp: 6479
 Ion Ratio Lower Upper
 85 100
 87 34.1 25.4 38.2



#3
 Chloromethane
 Concen: 0.629 ug/L
 RT: 1.230 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VV028546.D
 Acq: 14 Oct 2022 11:41

Tgt Ion: 50 Resp: 12809
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.0 41.0

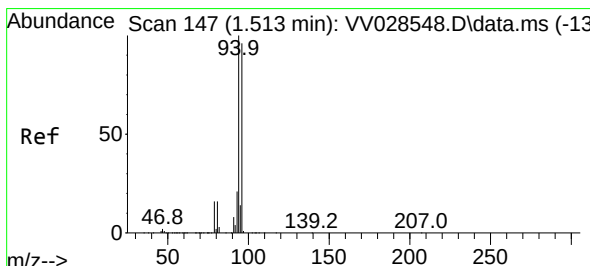
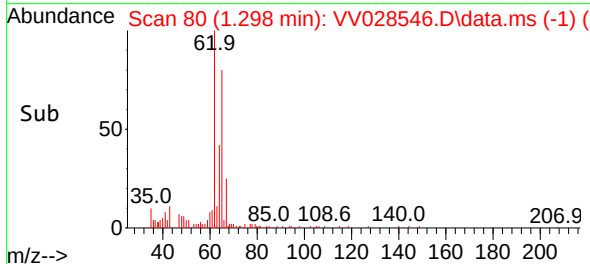
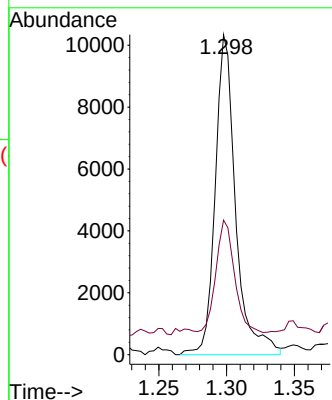
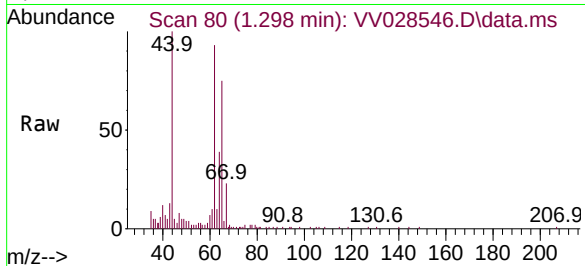




#5
 Vinyl chloride
 Concen: 0.492 ug/L
 RT: 1.298 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: VV028546.D
 Acq: 14 Oct 2022 11:41

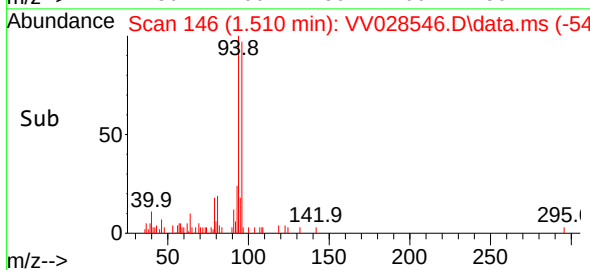
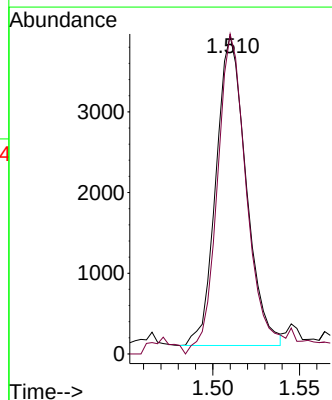
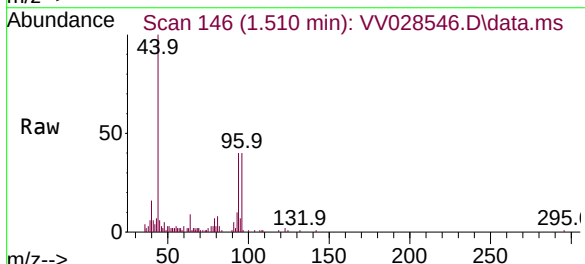
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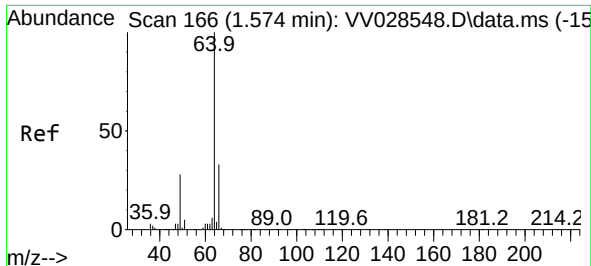
Tgt Ion: 62 Resp: 10841
 Ion Ratio Lower Upper
 62 100
 64 42.1 23.7 44.1



#6
 Bromomethane
 Concen: 0.449 ug/L
 RT: 1.510 min Scan# 146
 Delta R.T. -0.003 min
 Lab File: VV028546.D
 Acq: 14 Oct 2022 11:41

Tgt Ion: 94 Resp: 4647
 Ion Ratio Lower Upper
 94 100
 96 104.0 67.0 124.4

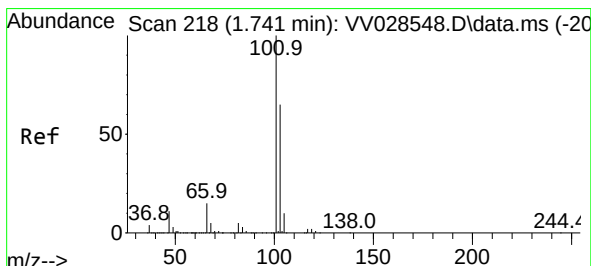
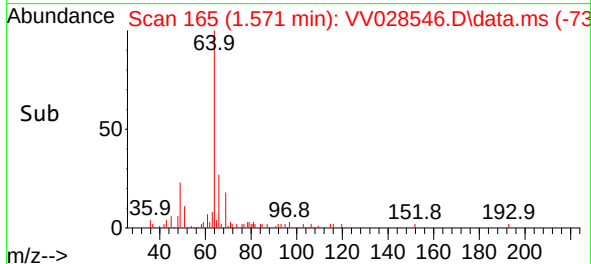
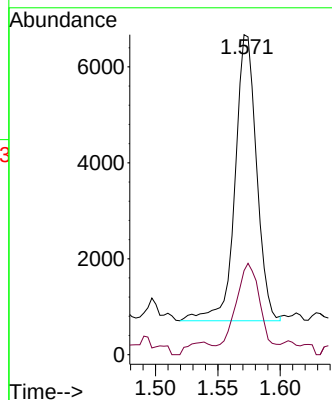
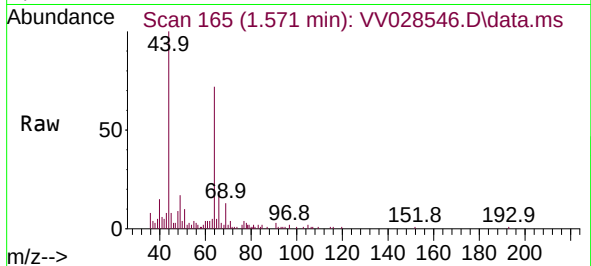




#8
Chloroethane
Concen: 0.492 ug/L
RT: 1.571 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV028546.D
Acq: 14 Oct 2022 11:41

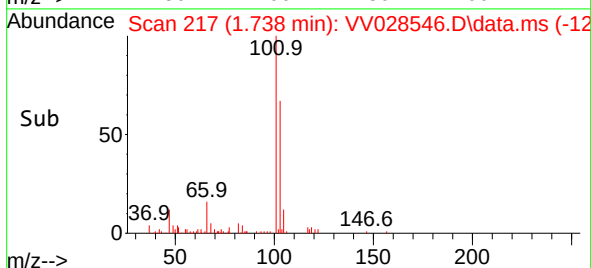
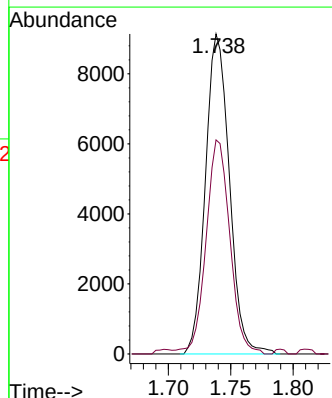
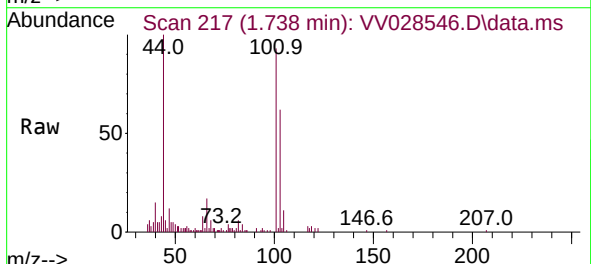
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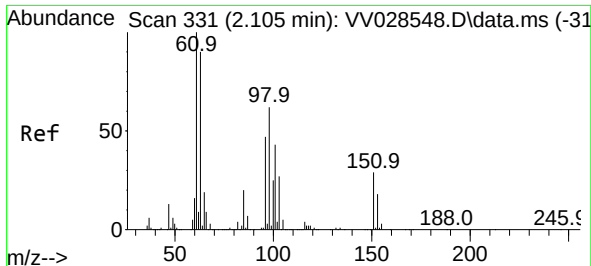
Tgt Ion: 64 Resp: 7142
Ion Ratio Lower Upper
64 100
66 26.2 23.0 42.8



#9
Trichlorofluoromethane
Concen: 0.386 ug/L
RT: 1.738 min Scan# 217
Delta R.T. -0.003 min
Lab File: VV028546.D
Acq: 14 Oct 2022 11:41

Tgt Ion:101 Resp: 12210
Ion Ratio Lower Upper
101 100
103 66.8 51.6 77.4

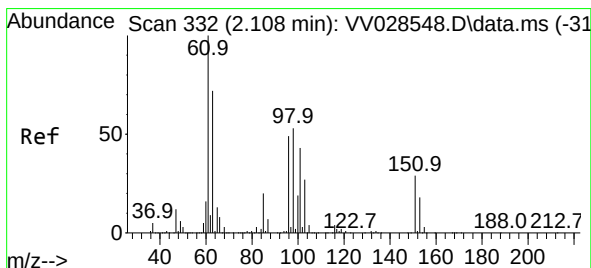
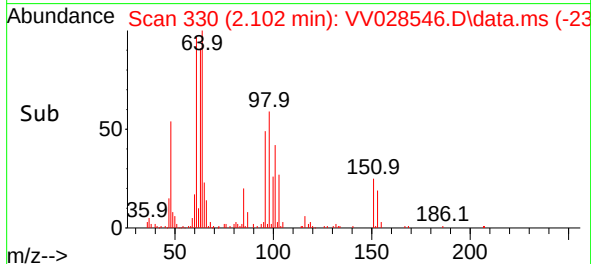
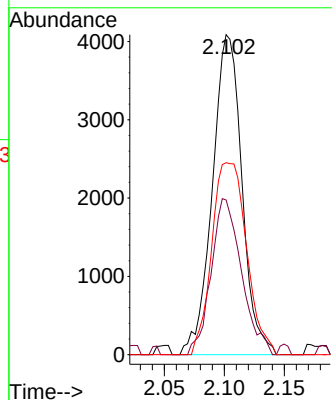
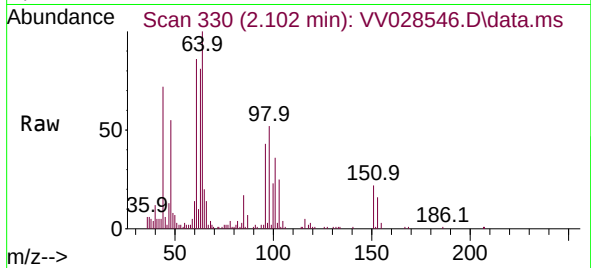




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.395 ug/L
RT: 2.102 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV028546.D
Acq: 14 Oct 2022 11:41

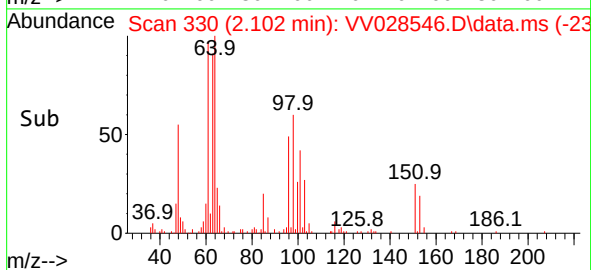
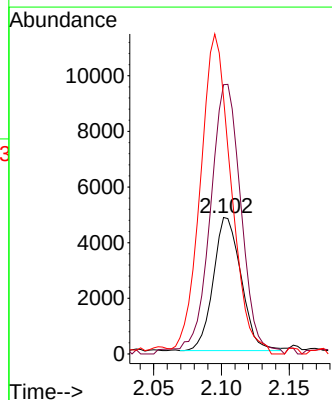
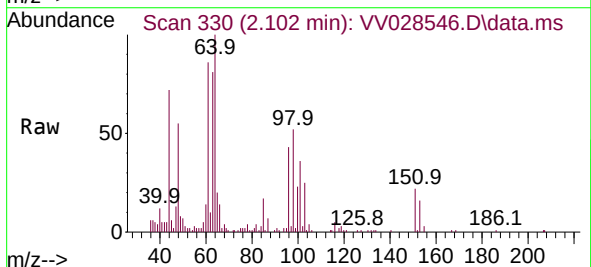
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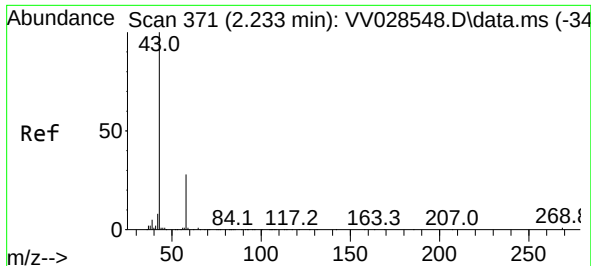
Tgt Ion:101 Resp: 6995
Ion Ratio Lower Upper
101 100
85 50.2 37.3 55.9
151 70.6 52.8 79.2



#12
1,1-Dichloroethene
Concen: 0.388 ug/L
RT: 2.102 min Scan# 330
Delta R.T. -0.006 min
Lab File: VV028546.D
Acq: 14 Oct 2022 11:41

Tgt Ion: 96 Resp: 6833
Ion Ratio Lower Upper
96 100
61 197.4 142.9 265.5
63 187.9 102.3 190.1

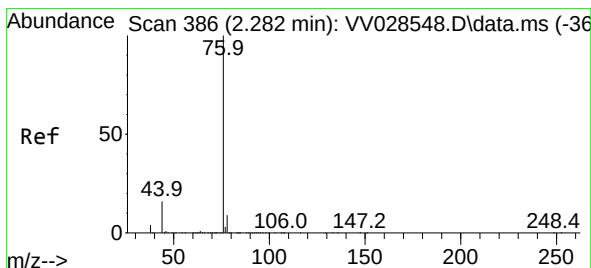
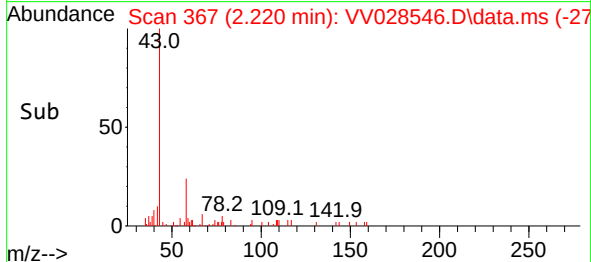
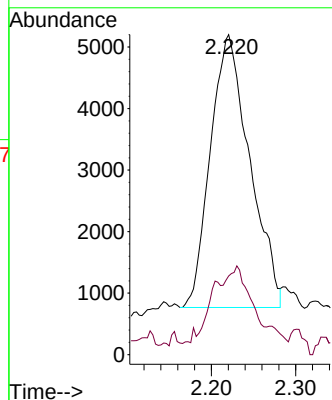
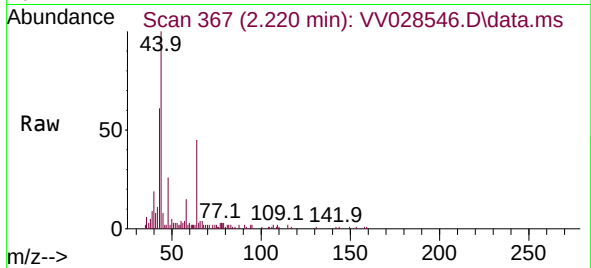




#13
Acetone
Concen: 6.150 ug/L
RT: 2.220 min Scan# 30
Delta R.T. -0.013 min
Lab File: VV028546.D
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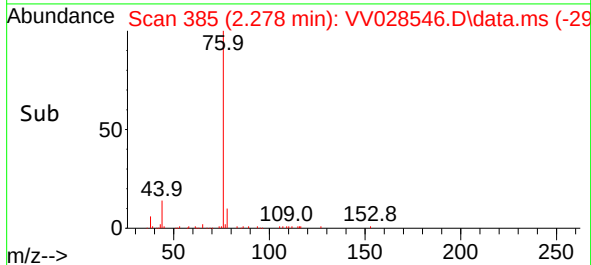
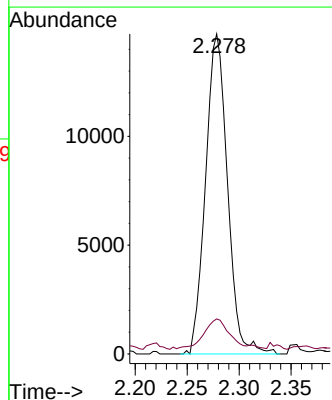
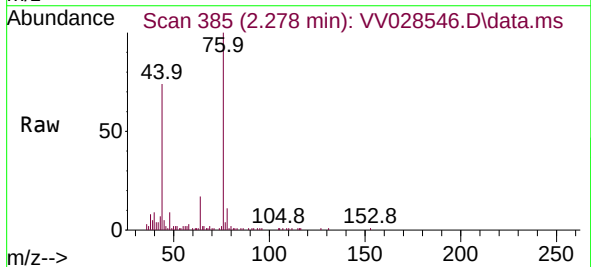
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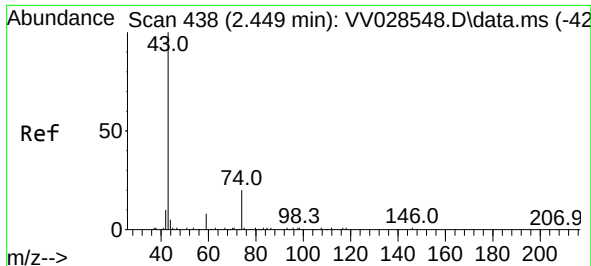
Tgt Ion: 43 Resp: 14389
Ion Ratio Lower Upper
43 100
58 11.9 0.0 48.6



#14
Carbon disulfide
Concen: 0.395 ug/L
RT: 2.278 min Scan# 385
Delta R.T. -0.003 min
Lab File: VV028546.D
Acq: 14 Oct 2022 11:41

Tgt Ion: 76 Resp: 21524
Ion Ratio Lower Upper
76 100
78 11.0 7.4 11.0

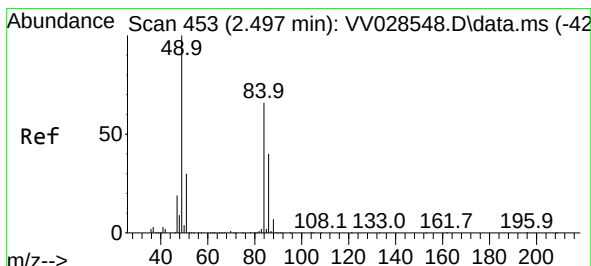
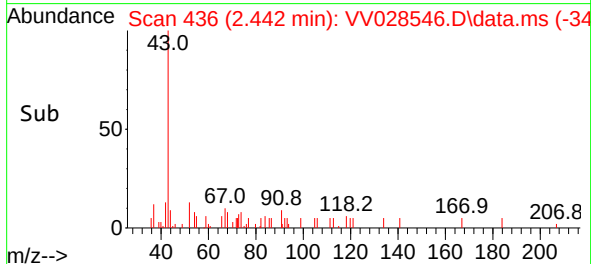
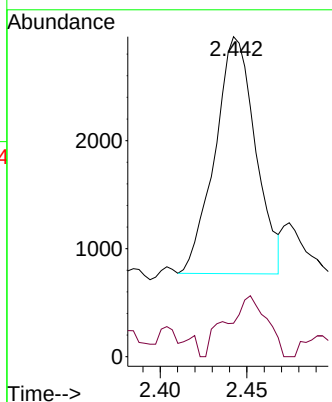
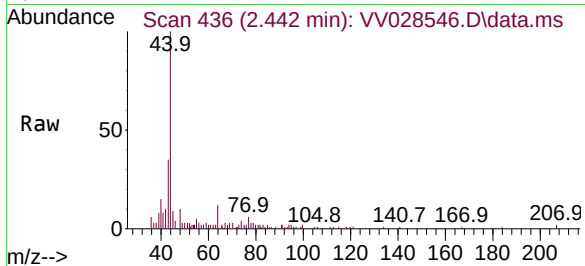




#15
Methyl Acetate
Concen: 0.541 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV028546.D
Acq: 14 Oct 2022 11:41

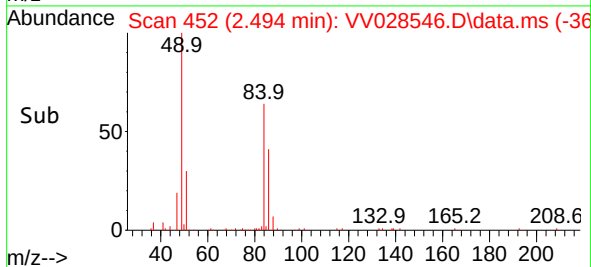
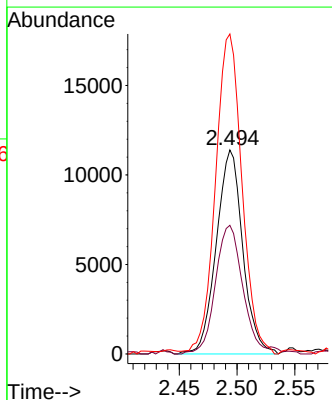
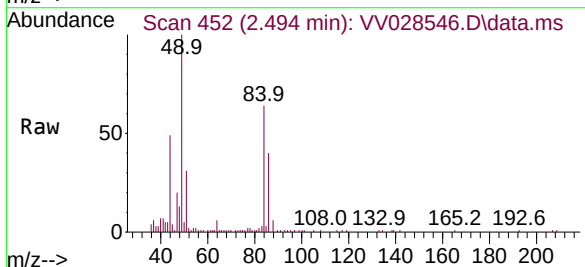
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5258

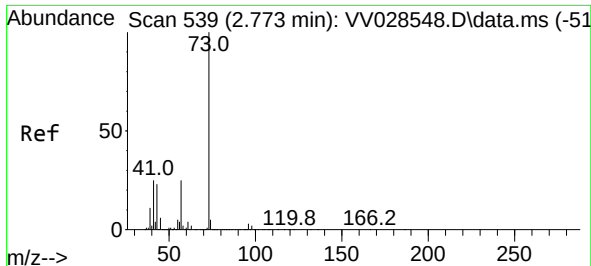
Tgt Ion: 43 Resp: 3580
Ion Ratio Lower Upper
43 100
74 25.1 13.8 20.6#



#16
Methylene chloride
Concen: 0.873 ug/L
RT: 2.494 min Scan# 452
Delta R.T. -0.003 min
Lab File: VV028546.D
Acq: 14 Oct 2022 11:41

Tgt Ion: 84 Resp: 18151
Ion Ratio Lower Upper
84 100
86 63.1 42.8 79.6
49 156.9 106.4 197.6





#17

Methyl tert-butyl Ether

Concen: 0.535 ug/L

RT: 2.767 min Scan# 51

Delta R.T. -0.006 min

Lab File: VV028546.D

Acq: 14 Oct 2022 11:41

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5258

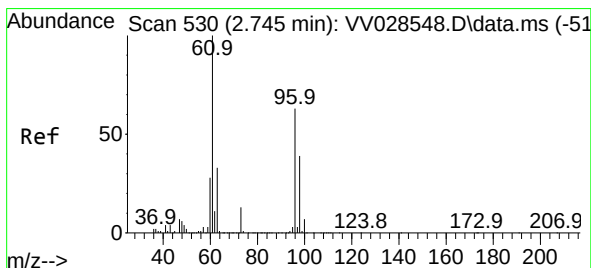
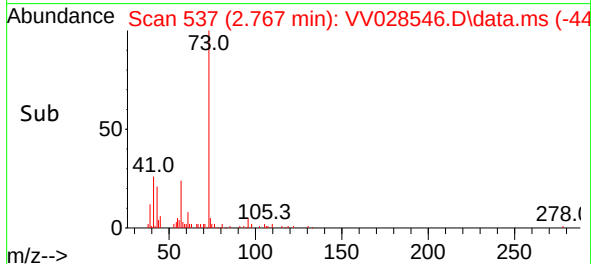
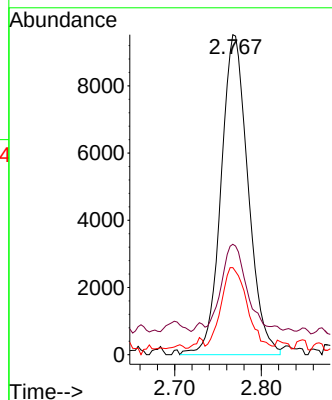
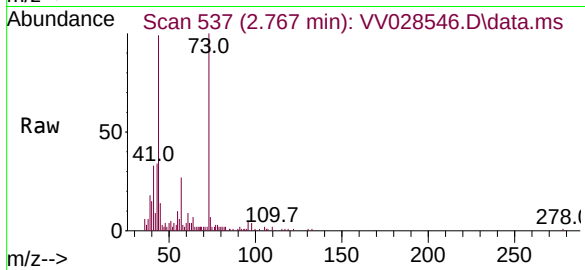
Tgt Ion: 73 Resp: 20642

Ion Ratio Lower Upper

73 100

43 22.8 18.2 27.2

57 23.5 19.5 29.3



#18

trans-1,2-Dichloroethene

Concen: 0.410 ug/L

RT: 2.741 min Scan# 529

Delta R.T. -0.003 min

Lab File: VV028546.D

Acq: 14 Oct 2022 11:41

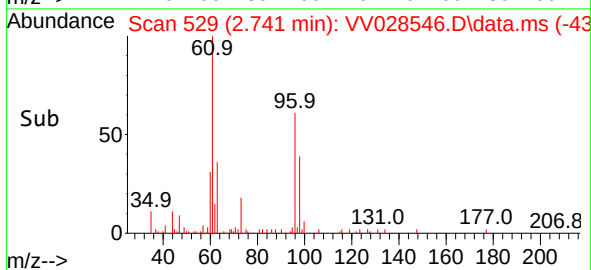
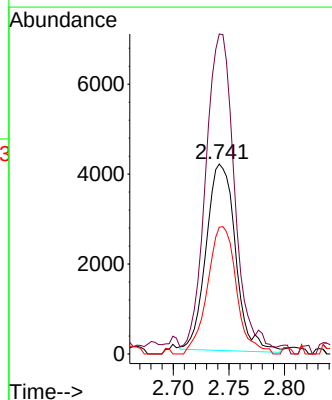
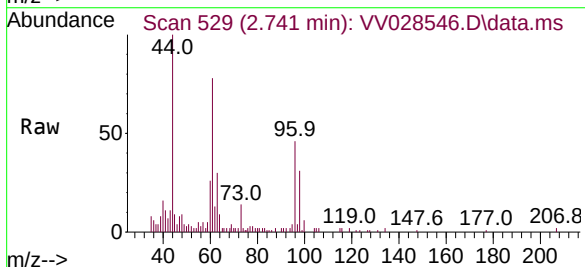
Tgt Ion: 96 Resp: 7606

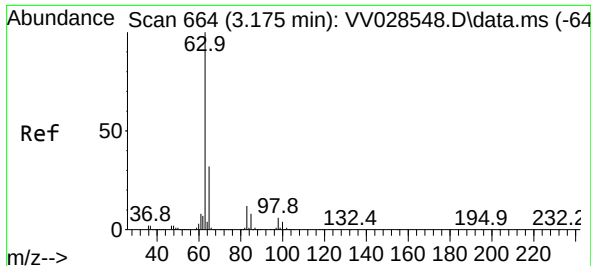
Ion Ratio Lower Upper

96 100

61 168.6 111.2 206.6

98 66.8 42.9 79.7

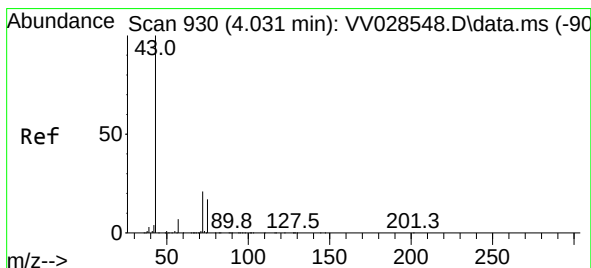
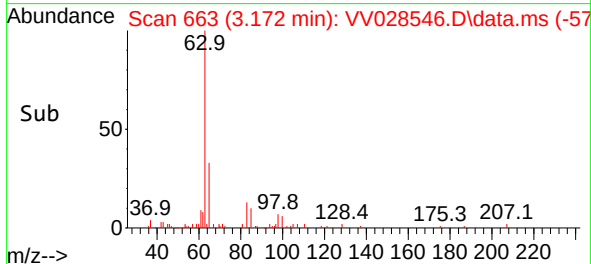
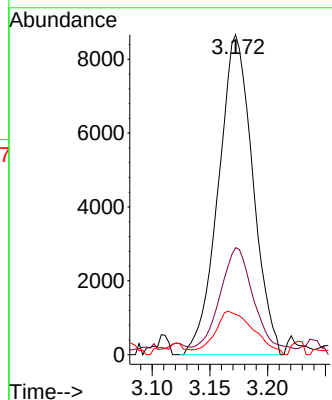
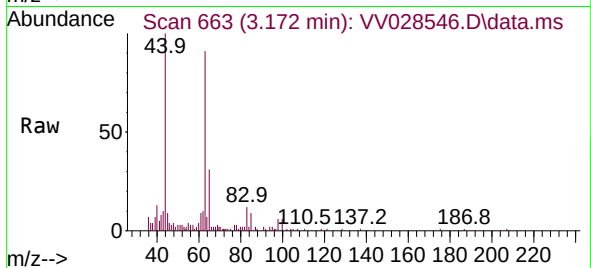




#19
1,1-Dichloroethane
Concen: 0.534 ug/L
RT: 3.172 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV028546.D
Acq: 14 Oct 2022 11:41

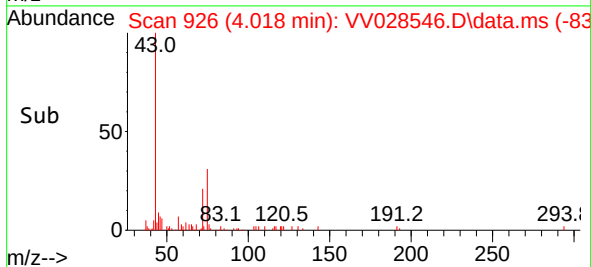
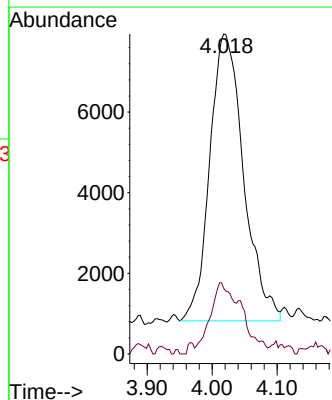
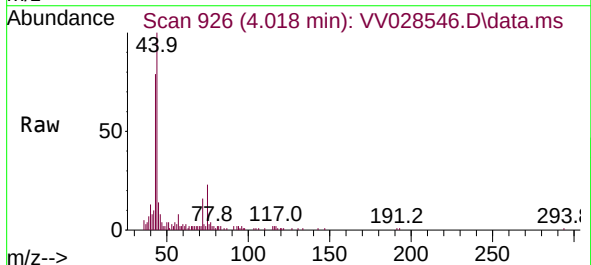
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5258

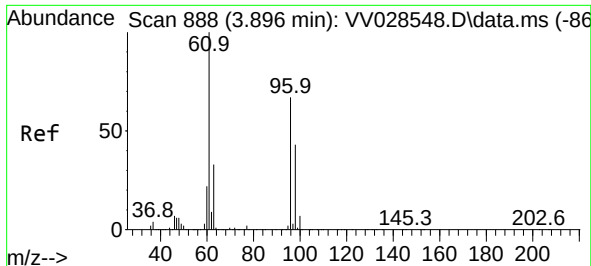
Tgt Ion: 63 Resp: 17914
Ion Ratio Lower Upper
63 100
65 30.9 22.3 41.5
83 11.7 8.5 15.7



#21
2-Butanone
Concen: 7.045 ug/L
RT: 4.018 min Scan# 926
Delta R.T. -0.013 min
Lab File: VV028546.D
Acq: 14 Oct 2022 11:41

Tgt Ion: 43 Resp: 25748
Ion Ratio Lower Upper
43 100
72 14.4 11.1 33.3

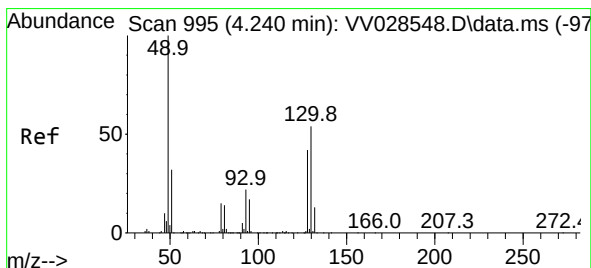
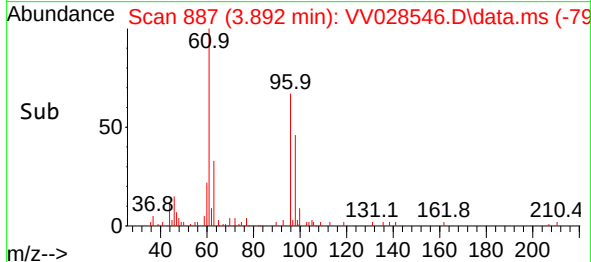
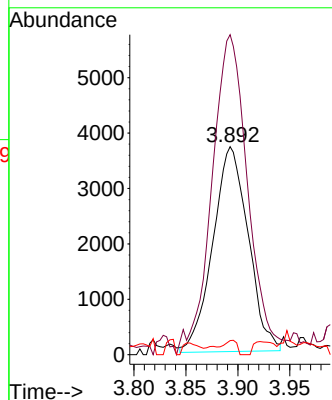
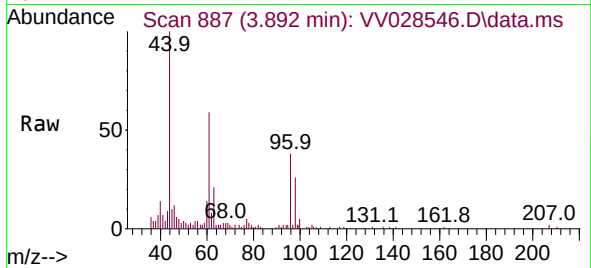




#22
cis-1,2-Dichloroethene
Concen: 0.455 ug/L
RT: 3.892 min Scan# 888
Delta R.T. -0.003 min
Lab File: VV028546.D
Acq: 14 Oct 2022 11:41

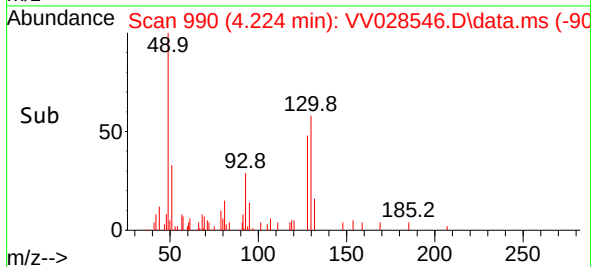
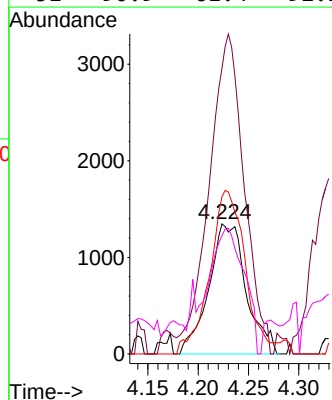
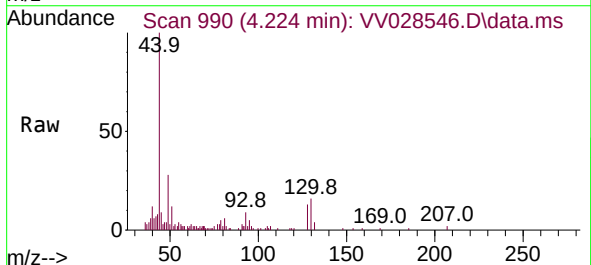
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5258

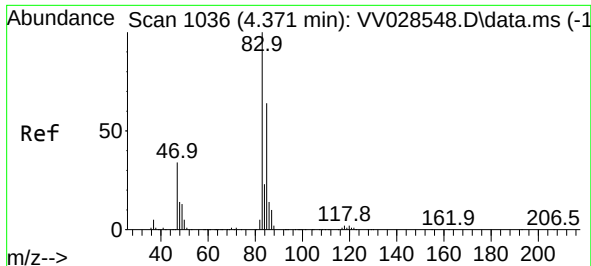
Tgt Ion: 96 Resp: 8767
Ion Ratio Lower Upper
96 100
61 153.8 105.1 195.3
68 6.8 0.5 0.9#



#23
Bromochloromethane
Concen: 0.429 ug/L
RT: 4.224 min Scan# 990
Delta R.T. -0.016 min
Lab File: VV028546.D
Acq: 14 Oct 2022 11:41

Tgt Ion: 128 Resp: 3499
Ion Ratio Lower Upper
128 100
49 219.5 165.8 308.0
130 120.9 88.8 165.0
51 90.9 61.4 92.2

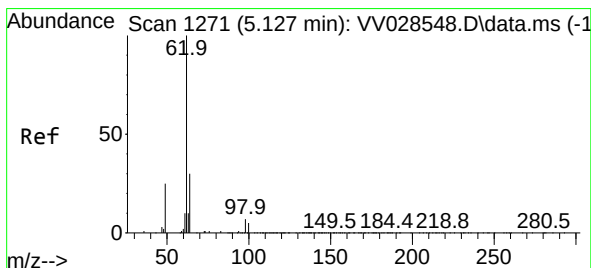
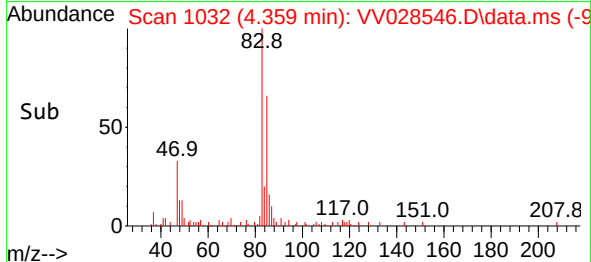
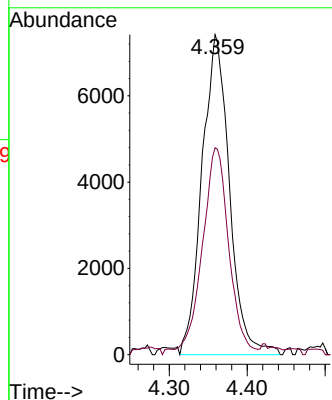
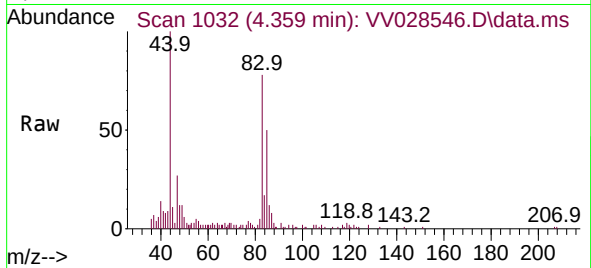




#25
Chloroform
Concen: 0.509 ug/L
RT: 4.359 min Scan# 1032
Delta R.T. -0.013 min
Lab File: VV028546.D
Acq: 14 Oct 2022 11:41

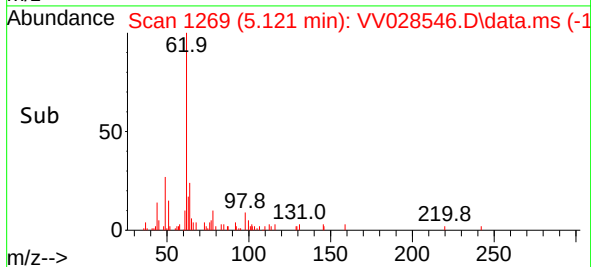
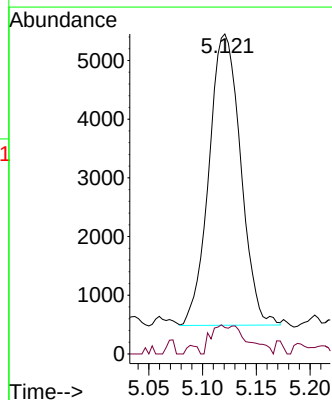
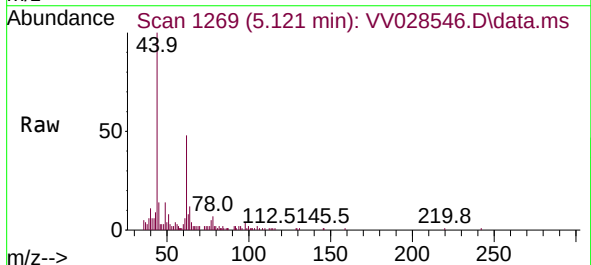
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5258

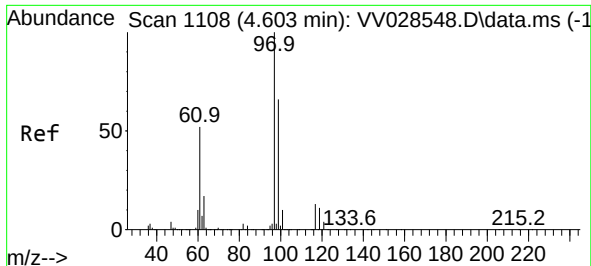
Tgt Ion: 83 Resp: 18134
Ion Ratio Lower Upper
83 100
85 64.6 45.1 83.9



#27
1,2-Dichloroethane
Concen: 0.511 ug/L
RT: 5.121 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VV028546.D
Acq: 14 Oct 2022 11:41

Tgt Ion: 62 Resp: 10194
Ion Ratio Lower Upper
62 100
98 8.2 5.9 8.9





#29

1,1,1-Trichloroethane

Concen: 0.482 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. -0.019 min

Lab File: VV028546.D

Acq: 14 Oct 2022 11:41

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5258

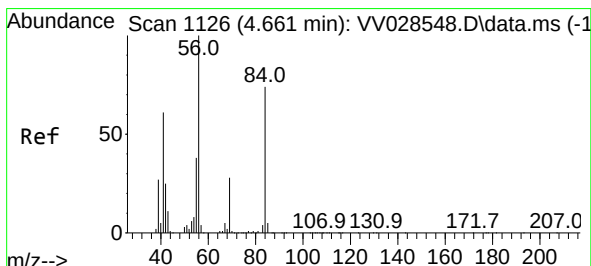
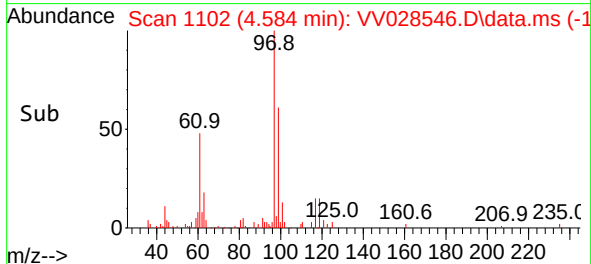
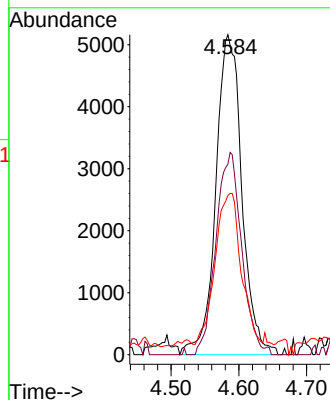
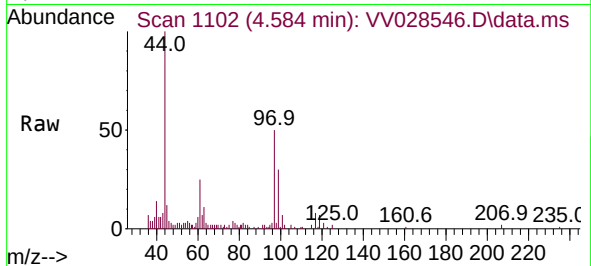
Tgt Ion: 97 Resp: 13788

Ion Ratio Lower Upper

97 100

99 62.6 52.6 78.8

61 46.7 42.1 63.1



#30

Cyclohexane

Concen: 0.535 ug/L

RT: 4.648 min Scan# 1122

Delta R.T. -0.013 min

Lab File: VV028546.D

Acq: 14 Oct 2022 11:41

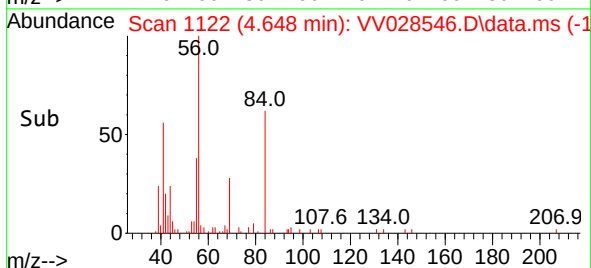
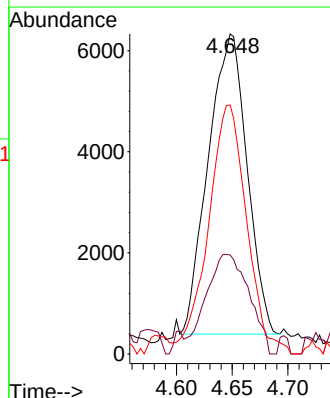
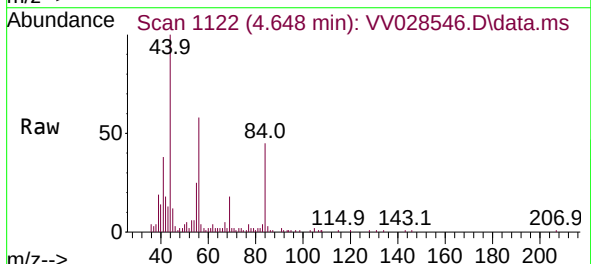
Tgt Ion: 56 Resp: 14361

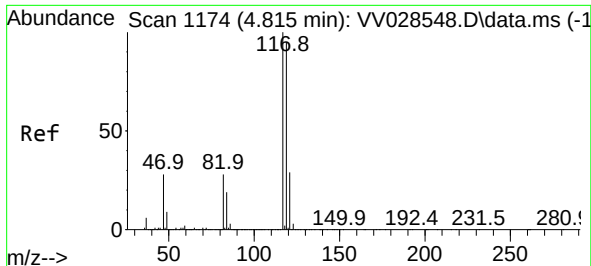
Ion Ratio Lower Upper

56 100

69 36.5 22.4 33.6#

84 82.1 60.1 90.1

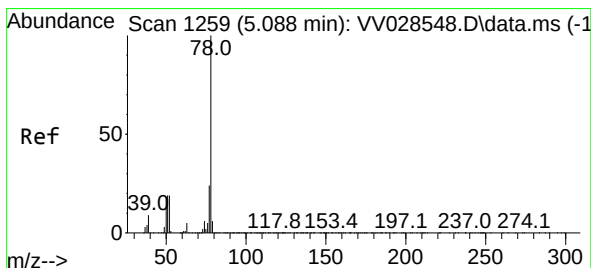
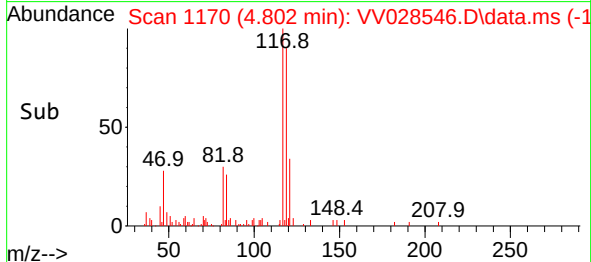
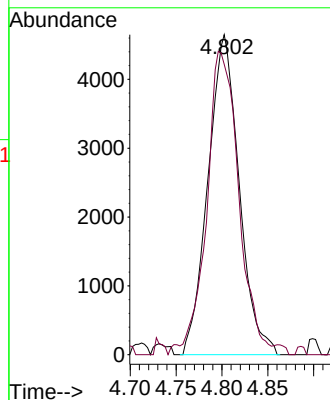
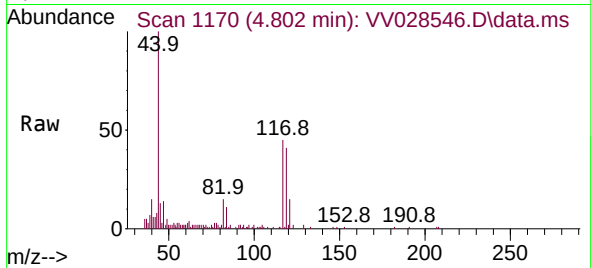




#31
Carbon tetrachloride
Concen: 0.435 ug/L
RT: 4.802 min Scan# 1174
Delta R.T. -0.013 min
Lab File: VV028546.D
Acq: 14 Oct 2022 11:41

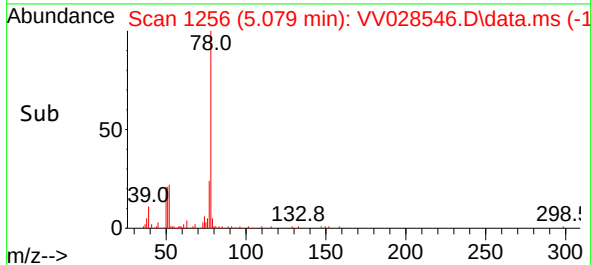
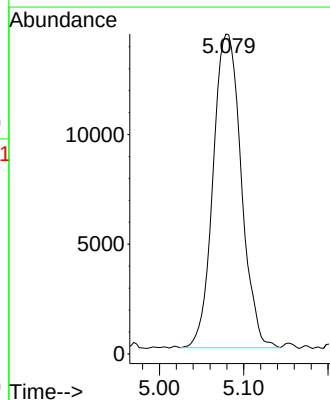
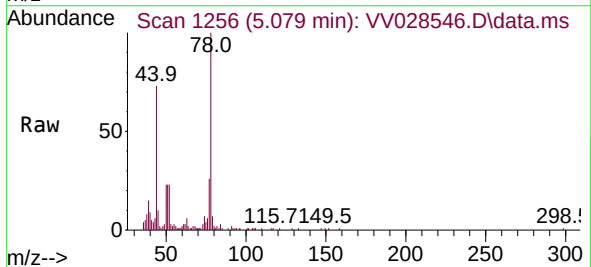
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5258

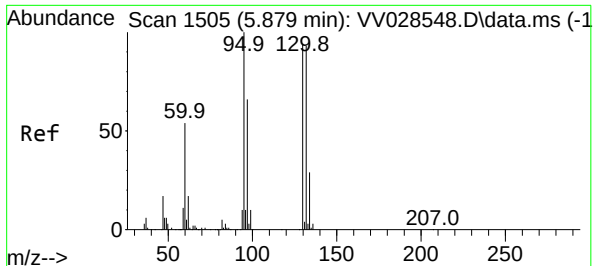
Tgt Ion:117 Resp: 10981
Ion Ratio Lower Upper
117 100
119 97.2 75.5 113.3



#33
Benzene
Concen: 0.474 ug/L
RT: 5.079 min Scan# 1256
Delta R.T. -0.010 min
Lab File: VV028546.D
Acq: 14 Oct 2022 11:41

Tgt Ion: 78 Resp: 33107

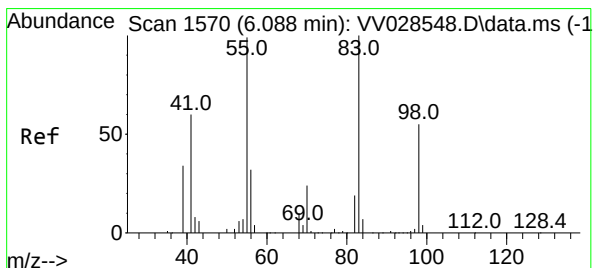
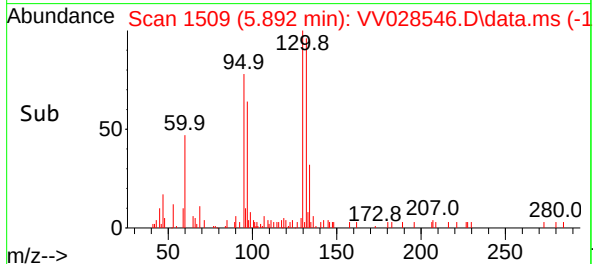
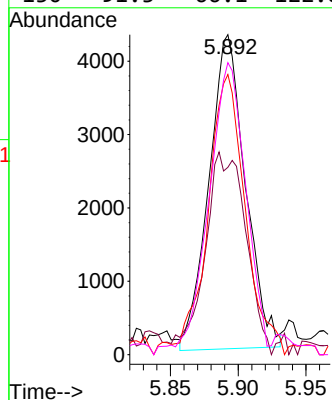
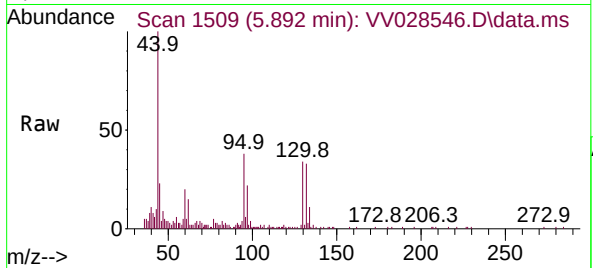




#34
Trichloroethene
Concen: 0.476 ug/L
RT: 5.892 min Scan# 1509
Delta R.T. 0.013 min
Lab File: VV028546.D
Acq: 14 Oct 2022 11:41

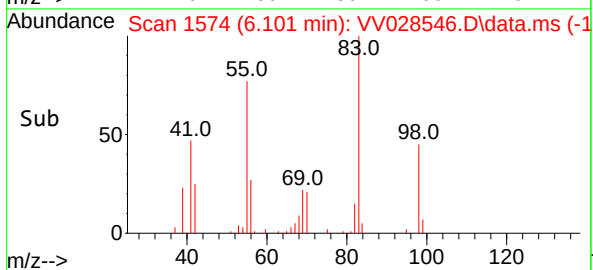
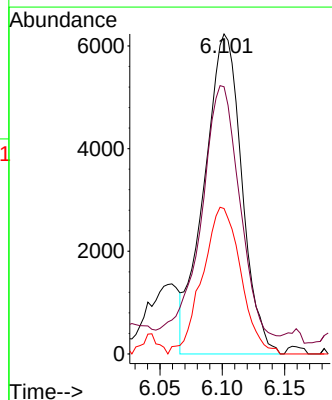
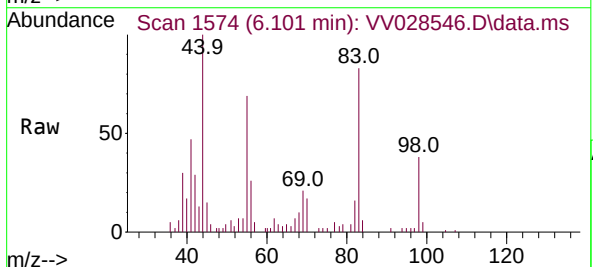
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5258

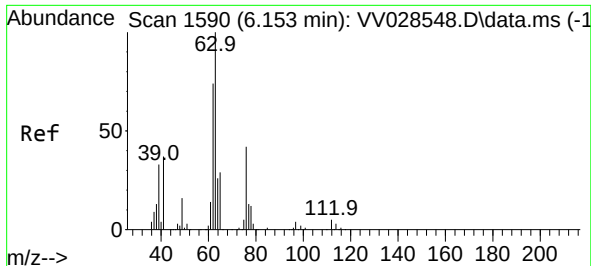
Tgt Ion:	95	Resp:	8021
Ion	Ratio	Lower	Upper
95	100		
97	58.6	46.2	85.8
132	87.6	65.1	120.9
130	91.3	66.1	122.8



#35
Methylcyclohexane
Concen: 0.472 ug/L
RT: 6.101 min Scan# 1574
Delta R.T. 0.013 min
Lab File: VV028546.D
Acq: 14 Oct 2022 11:41

Tgt Ion:	83	Resp:	13108
Ion	Ratio	Lower	Upper
83	100		
55	80.4	65.0	97.6
98	46.7	36.4	54.6





#37

1,2-Dichloropropane

Concen: 0.532 ug/L

RT: 6.159 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV028546.D

Acq: 14 Oct 2022 11:41

Instrument :

MSVOA_V

ClientSampleId :

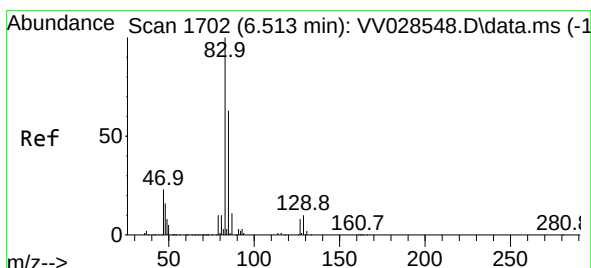
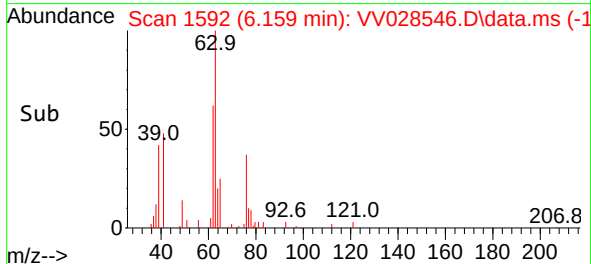
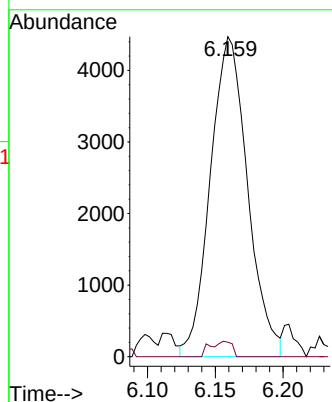
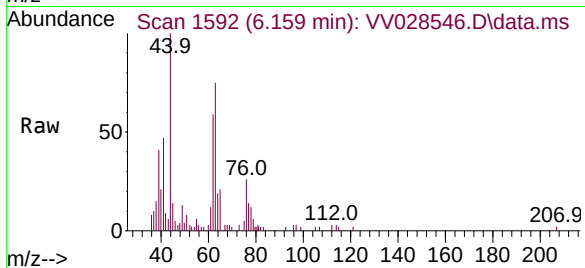
VSTD0.5258

Tgt Ion: 63 Resp: 8535

Ion Ratio Lower Upper

63 100

112 2.8 3.4 5.2#



#38

Bromodichloromethane

Concen: 0.426 ug/L

RT: 6.497 min Scan# 1697

Delta R.T. -0.016 min

Lab File: VV028546.D

Acq: 14 Oct 2022 11:41

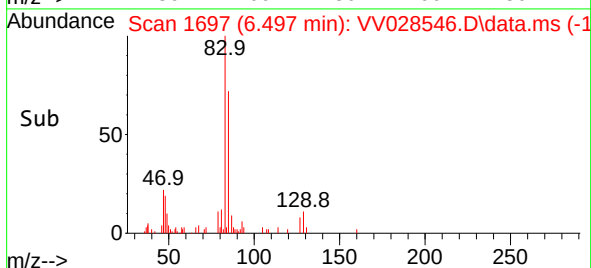
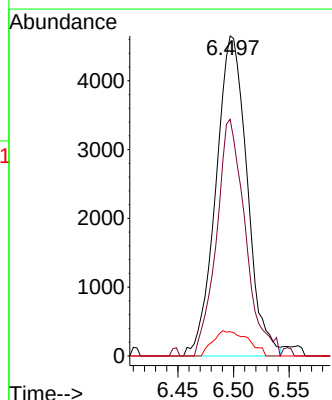
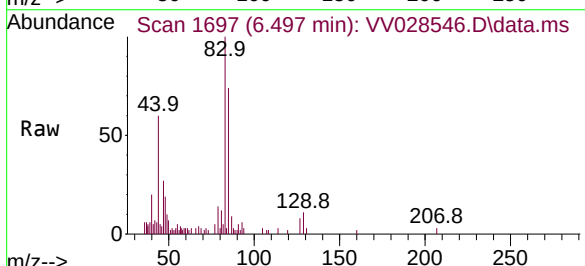
Tgt Ion: 83 Resp: 9071

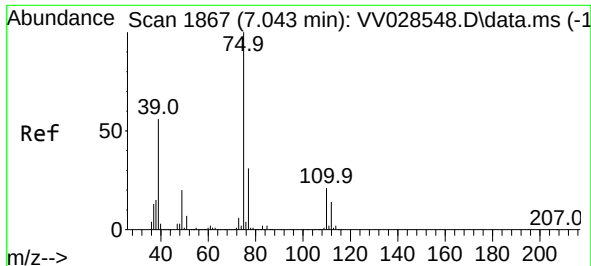
Ion Ratio Lower Upper

83 100

85 74.0 44.2 82.0

127 7.6 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 0.439 ug/L

RT: 7.018 min Scan# 11

Delta R.T. -0.026 min

Lab File: VV028546.D

Acq: 14 Oct 2022 11:41

Instrument :

MSVOA_V

ClientSampleId :

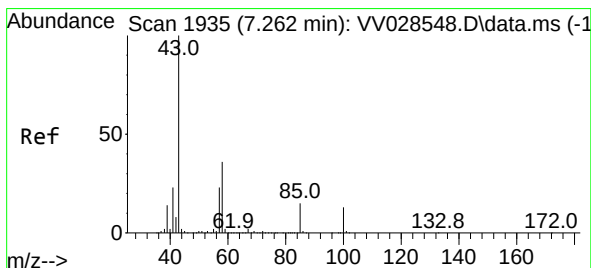
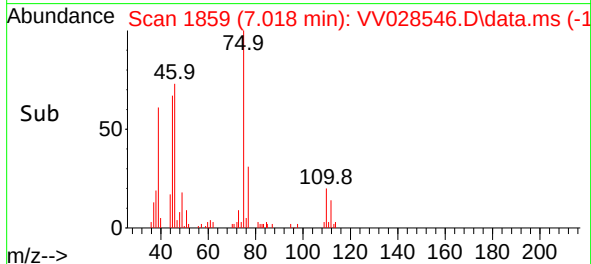
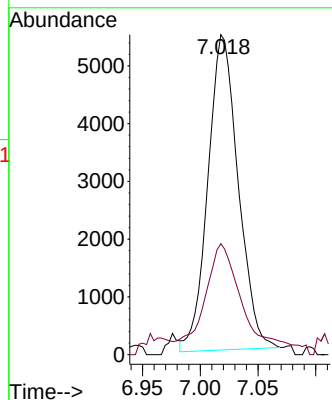
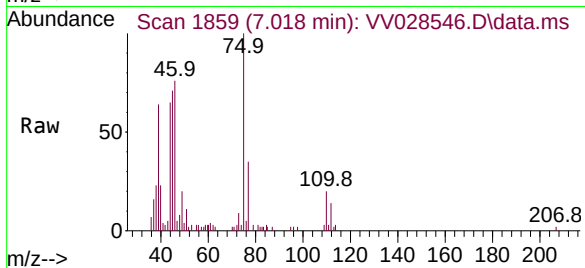
VSTD0.5258

Tgt Ion: 75 Resp: 9962

Ion Ratio Lower Upper

75 100

77 34.7 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 6.252 ug/L

RT: 7.243 min Scan# 1929

Delta R.T. -0.019 min

Lab File: VV028546.D

Acq: 14 Oct 2022 11:41

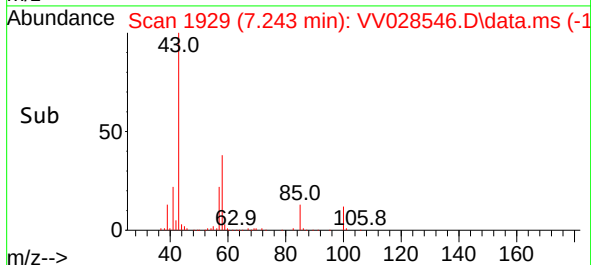
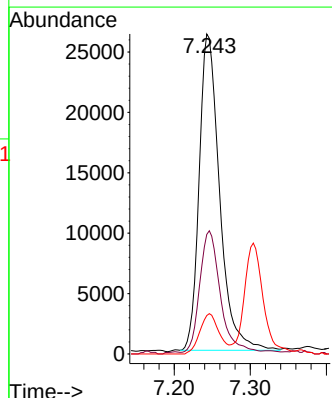
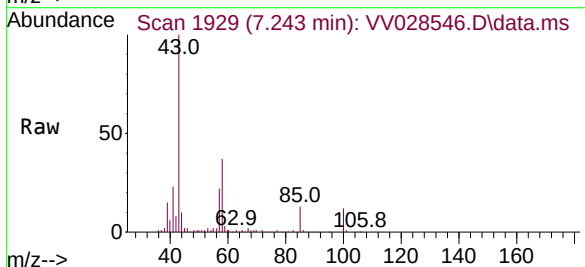
Tgt Ion: 43 Resp: 48922

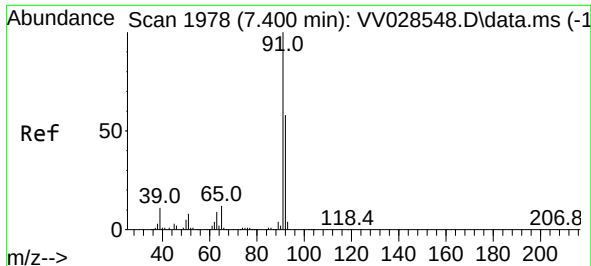
Ion Ratio Lower Upper

43 100

58 38.2 29.3 43.9

100 12.0 10.0 15.0





#42

Toluene

Concen: 0.438 ug/L

RT: 7.375 min Scan# 1978

Delta R.T. -0.026 min

Lab File: VV028546.D

Acq: 14 Oct 2022 11:41

Instrument :

MSVOA_V

ClientSampleId :

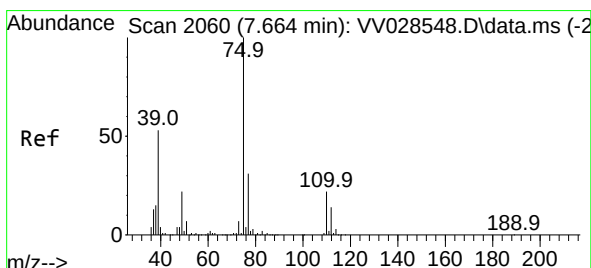
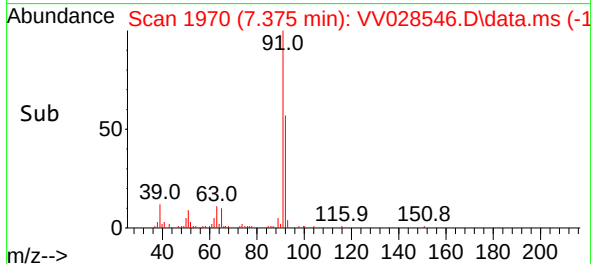
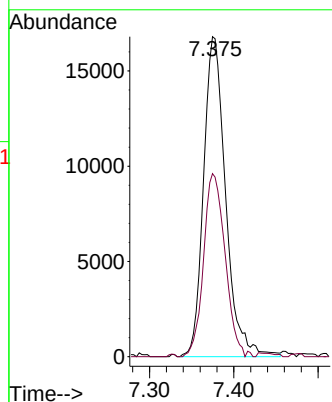
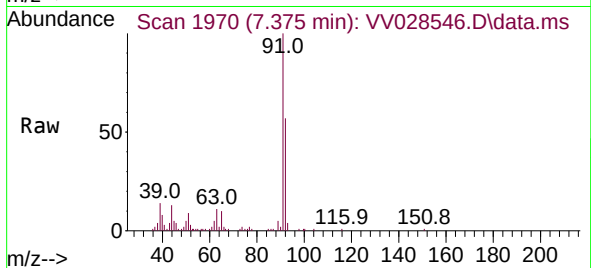
VSTD0.5258

Tgt Ion: 91 Resp: 30670

Ion Ratio Lower Upper

91 100

92 57.2 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 0.448 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.016 min

Lab File: VV028546.D

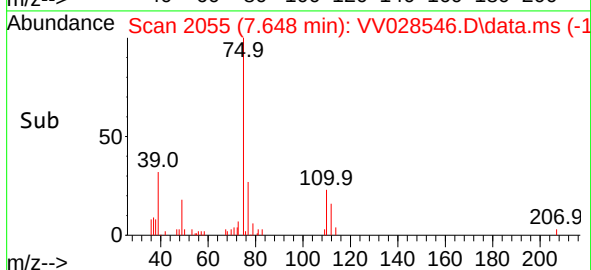
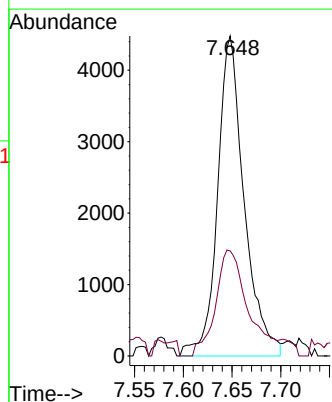
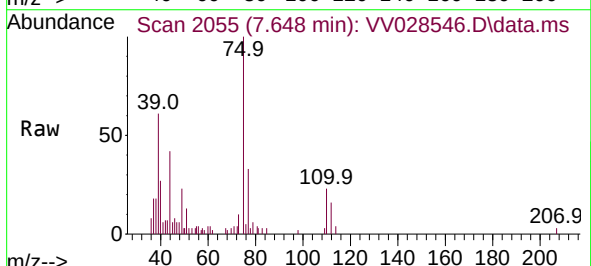
Acq: 14 Oct 2022 11:41

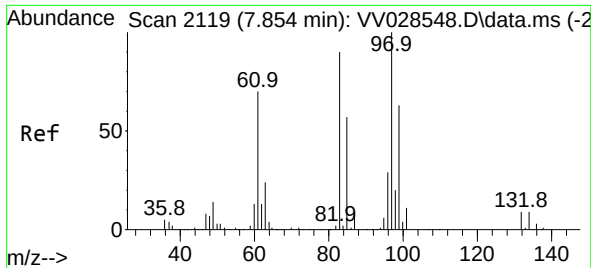
Tgt Ion: 75 Resp: 8515

Ion Ratio Lower Upper

75 100

77 32.9 21.7 40.3

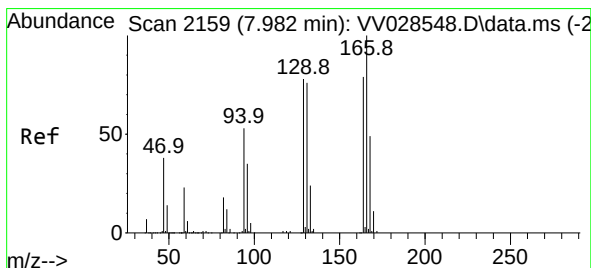
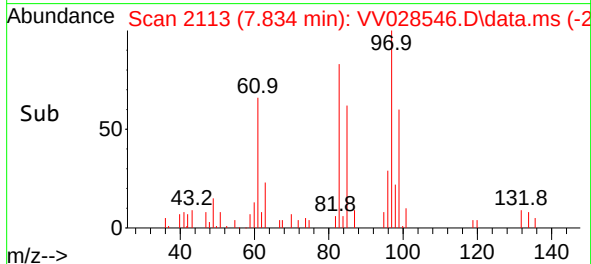
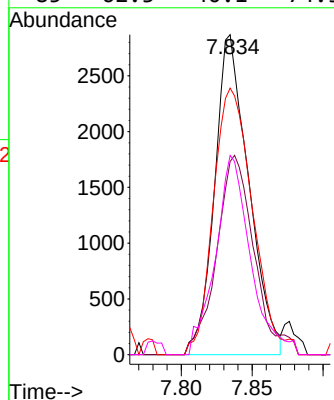
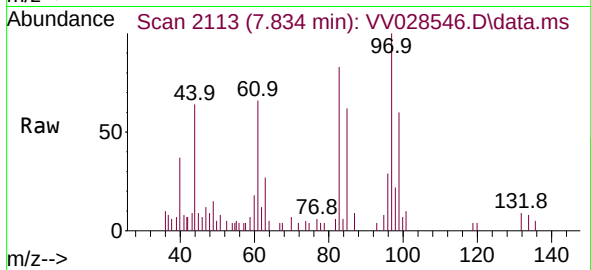




#45
1,1,2-Trichloroethane
Concen: 0.425 ug/L
RT: 7.834 min Scan# 2119
Delta R.T. -0.019 min
Lab File: VV028546.D
Acq: 14 Oct 2022 11:41

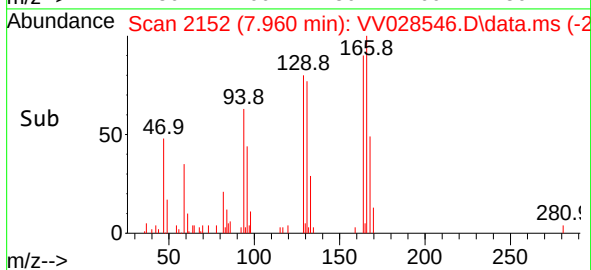
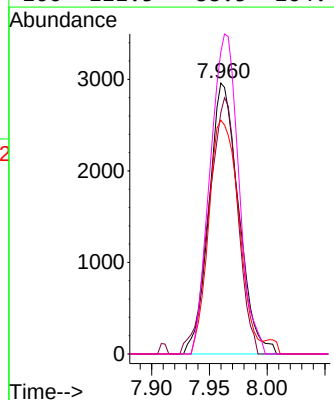
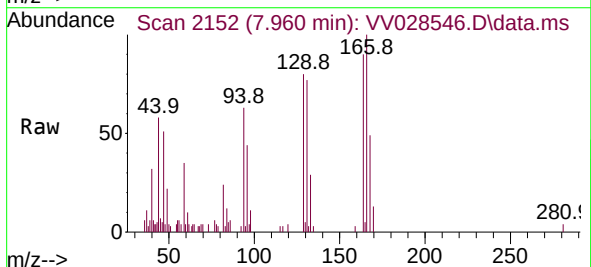
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5258

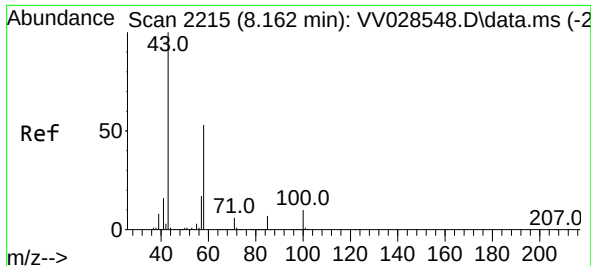
Tgt Ion:	97	Resp:	4808
Ion	Ratio	Lower	Upper
97	100		
99	60.3	44.4	82.4
83	83.3	63.1	117.1
85	62.3	40.1	74.5



#47
Tetrachloroethene
Concen: 0.379 ug/L
RT: 7.960 min Scan# 2152
Delta R.T. -0.022 min
Lab File: VV028546.D
Acq: 14 Oct 2022 11:41

Tgt Ion:	164	Resp:	5263
Ion	Ratio	Lower	Upper
164	100		
129	89.1	69.3	128.7
131	86.3	67.3	125.1
166	111.5	88.5	164.4

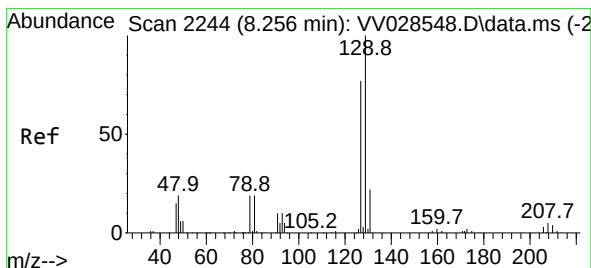
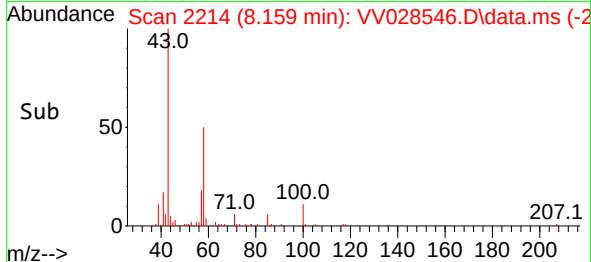
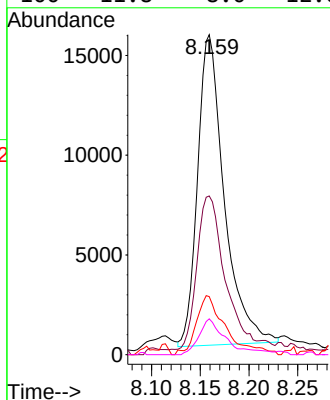
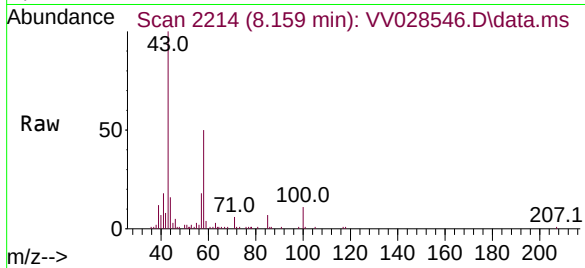




#48
2-Hexanone
Concen: 5.567 ug/L
RT: 8.159 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV028546.D
Acq: 14 Oct 2022 11:41

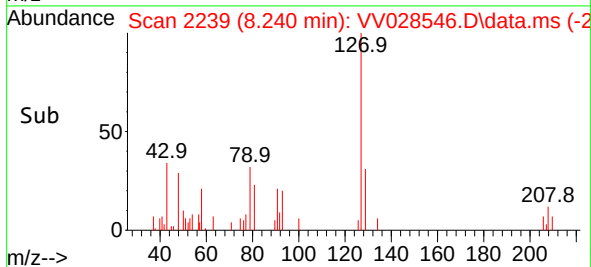
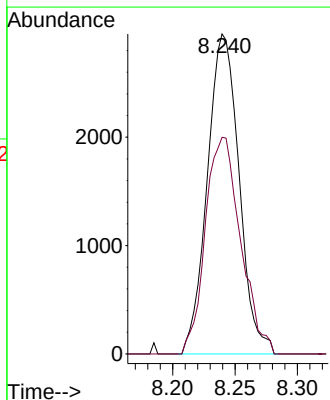
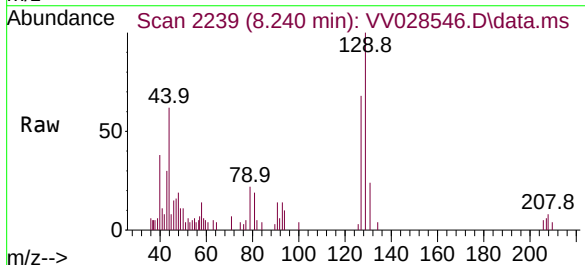
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5258

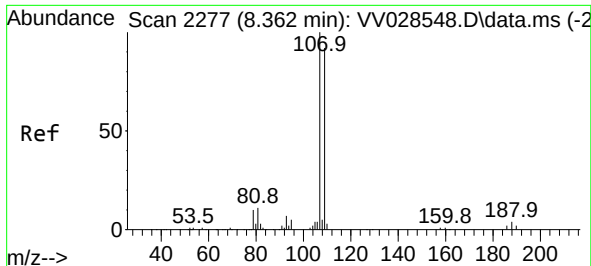
Tgt Ion:	43	Resp:	29731
Ion	Ratio	Lower	Upper
43	100		
58	51.6	42.5	63.7
57	20.9	14.5	21.7
100	11.8	8.0	12.0



#49
Dibromochloromethane
Concen: 0.383 ug/L
RT: 8.240 min Scan# 2239
Delta R.T. -0.016 min
Lab File: VV028546.D
Acq: 14 Oct 2022 11:41

Tgt Ion:	129	Resp:	5239
Ion	Ratio	Lower	Upper
129	100		
127	67.7	53.8	100.0





#50

1,2-Dibromoethane

Concen: 0.450 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.010 min

Lab File: VV028546.D

Acq: 14 Oct 2022 11:41

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5258

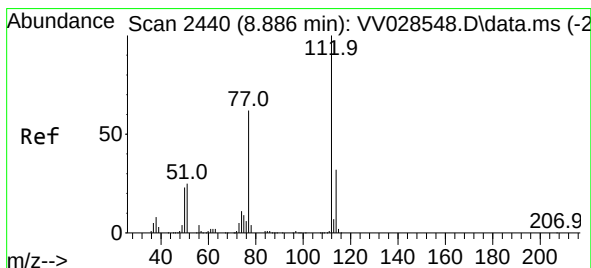
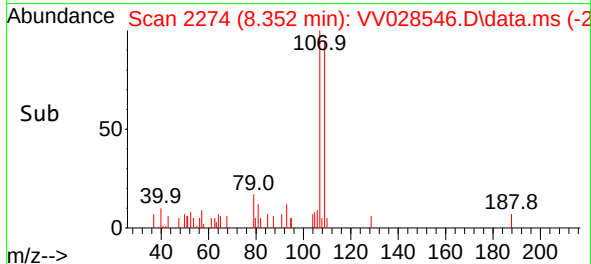
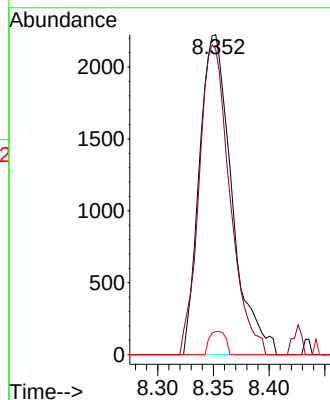
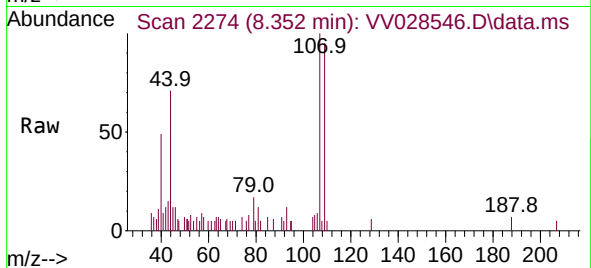
Tgt Ion:107 Resp: 4499

Ion Ratio Lower Upper

107 100

109 95.5 64.1 119.1

188 7.2 3.3 4.9#



#51

Chlorobenzene

Concen: 0.412 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. -0.010 min

Lab File: VV028546.D

Acq: 14 Oct 2022 11:41

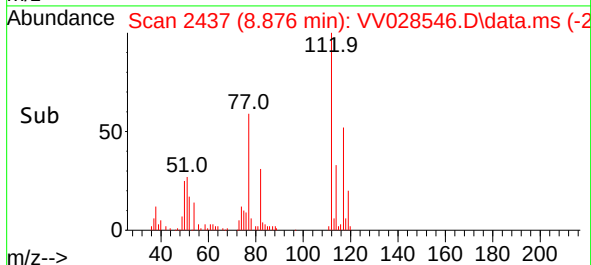
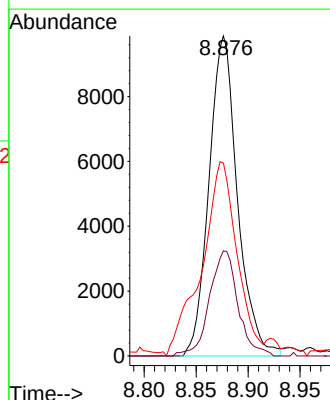
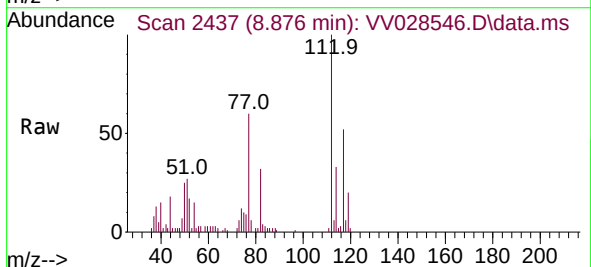
Tgt Ion:112 Resp: 18854

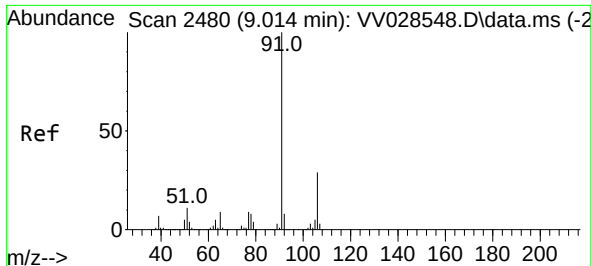
Ion Ratio Lower Upper

112 100

114 32.8 22.4 41.6

77 60.3 50.2 75.2

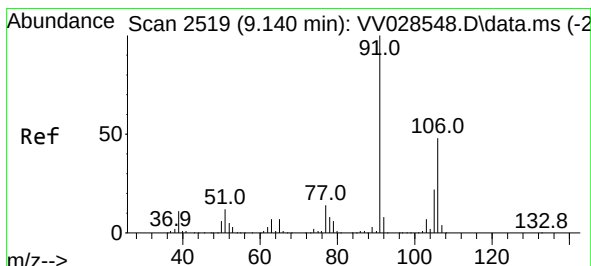
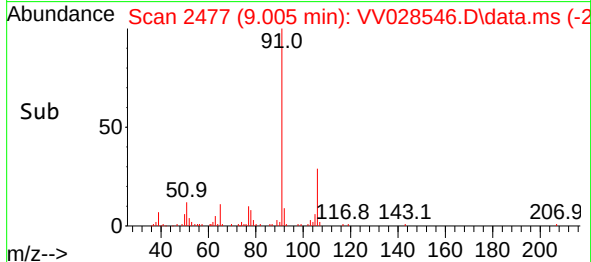
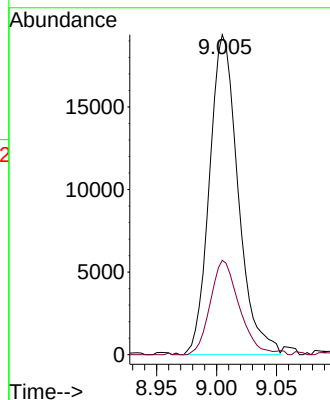
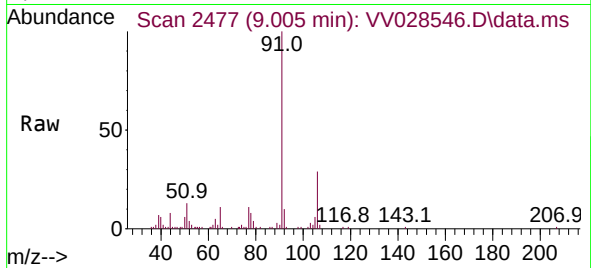




#52
Ethylbenzene
Concen: 0.435 ug/L
RT: 9.005 min Scan# 2480
Delta R.T. -0.010 min
Lab File: VV028546.D
Acq: 14 Oct 2022 11:41

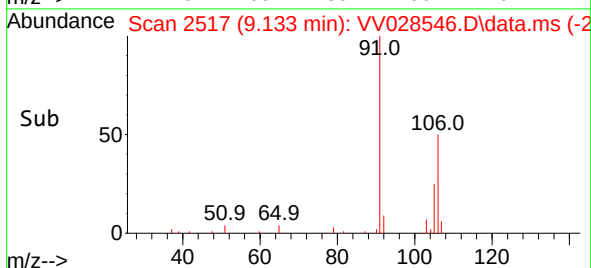
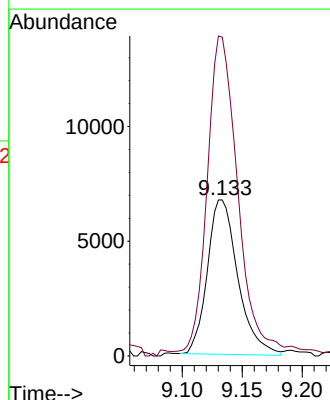
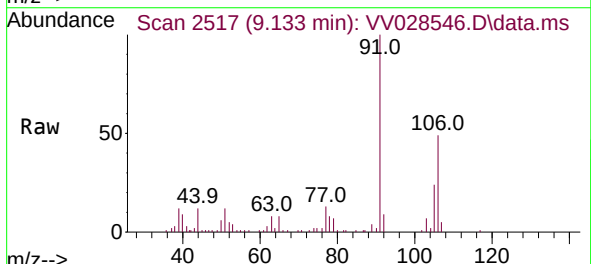
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5258

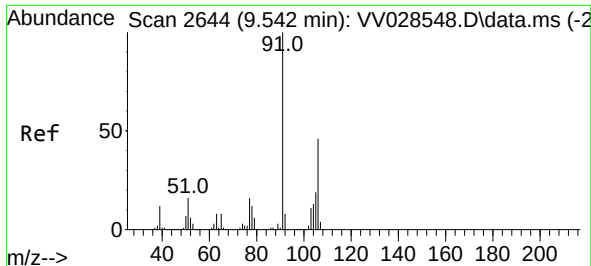
Tgt Ion: 91 Resp: 32205
Ion Ratio Lower Upper
91 100
106 29.5 20.3 37.7



#53
m,p-Xylene
Concen: 0.414 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. -0.006 min
Lab File: VV028546.D
Acq: 14 Oct 2022 11:41

Tgt Ion: 106 Resp: 11936
Ion Ratio Lower Upper
106 100
91 204.3 146.9 272.9

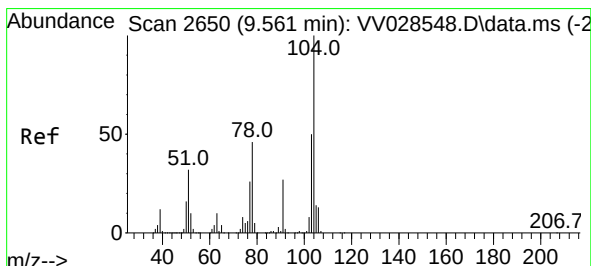
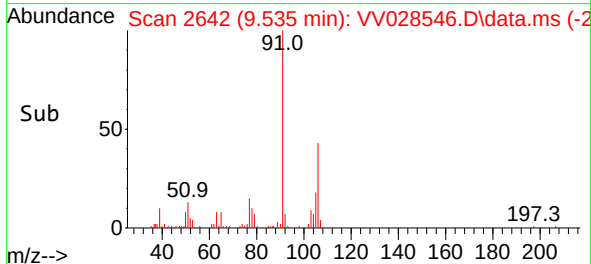
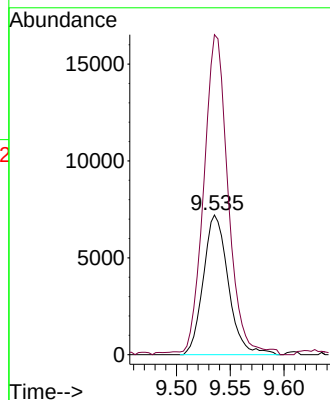
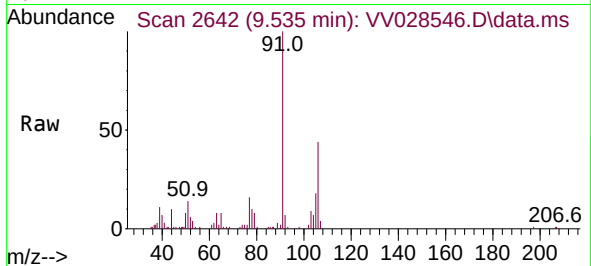




#54
o-Xylene
Concen: 0.421 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.006 min
Lab File: VV028546.D
Acq: 14 Oct 2022 11:41

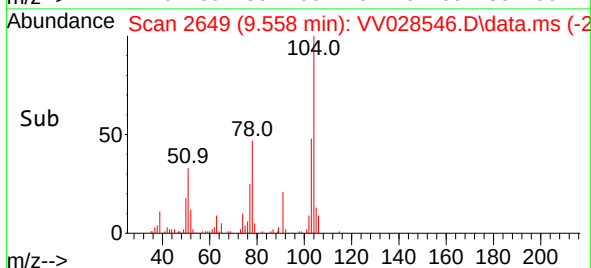
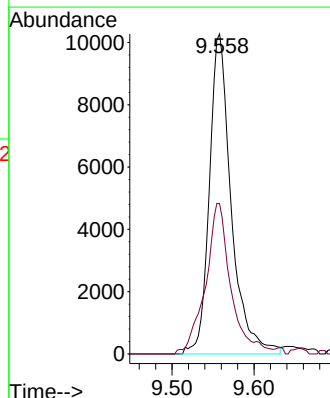
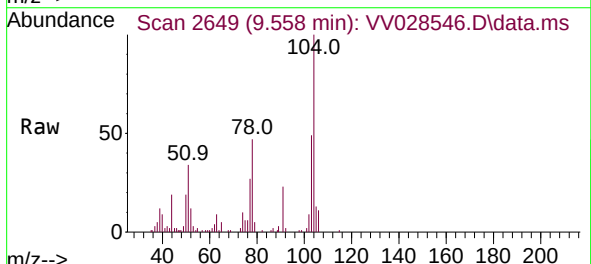
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5258

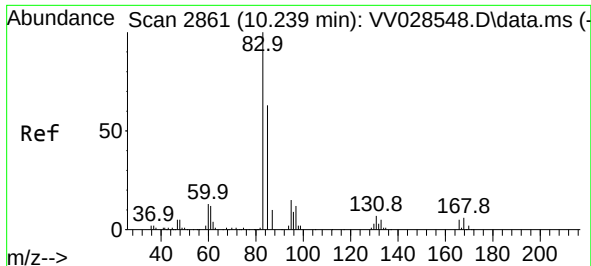
Tgt Ion:106 Resp: 11648
Ion Ratio Lower Upper
106 100
91 229.1 151.4 281.2



#55
Styrene
Concen: 0.406 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV028546.D
Acq: 14 Oct 2022 11:41

Tgt Ion:104 Resp: 19017
Ion Ratio Lower Upper
104 100
78 47.0 32.3 60.1

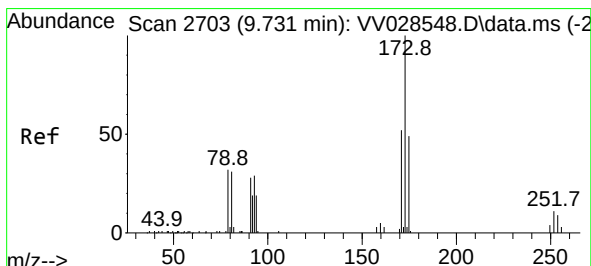
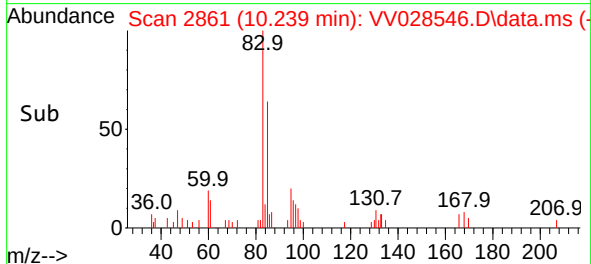
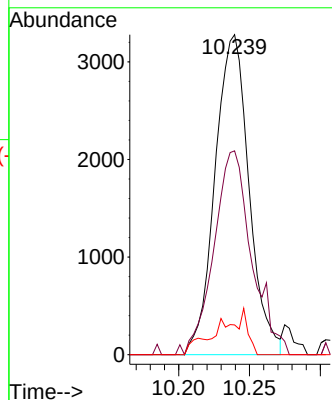
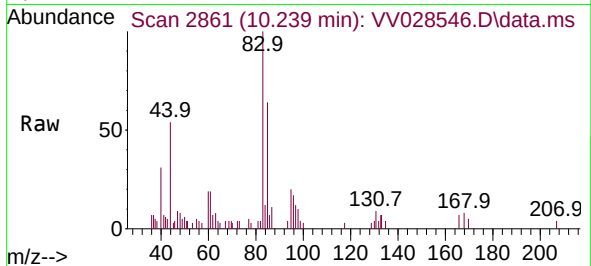




#57
1,1,2,2-Tetrachloroethane
Concen: 0.428 ug/L
RT: 10.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028546.D
Acq: 14 Oct 2022 11:41

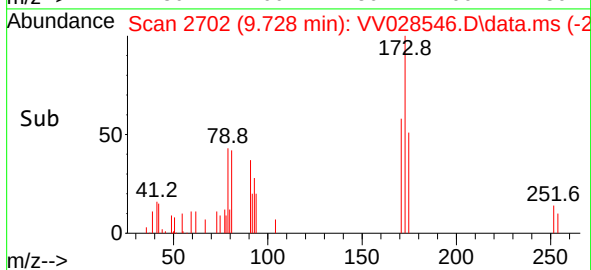
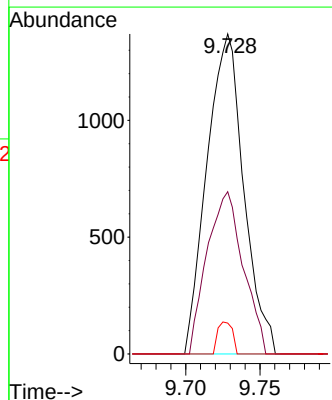
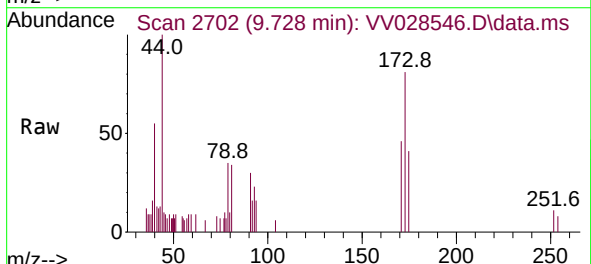
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5258

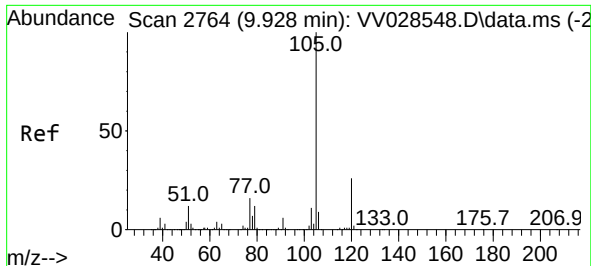
Tgt Ion:	83	Resp:	5475
Ion	Ratio	Lower	Upper
83	100		
85	71.2	44.3	82.3
131	9.3	6.4	9.6



#59
Bromoform
Concen: 0.356 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.003 min
Lab File: VV028546.D
Acq: 14 Oct 2022 11:41

Tgt Ion:	173	Resp:	2361
Ion	Ratio	Lower	Upper
173	100		
175	49.9	39.4	59.0
254	4.0	7.4	11.2

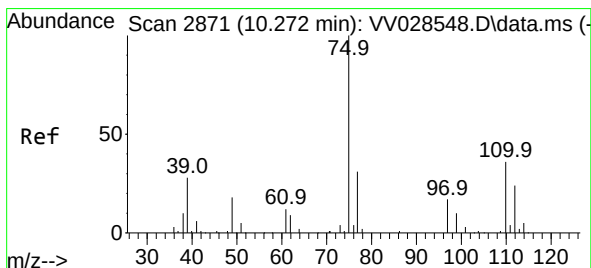
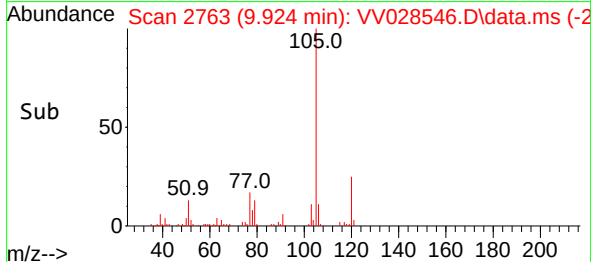
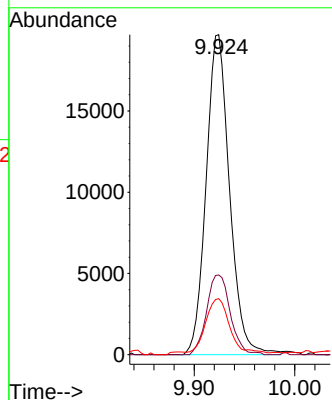
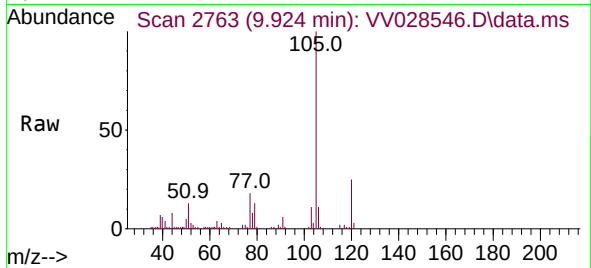




#60
Isopropylbenzene
Concen: 0.473 ug/L
RT: 9.924 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV028546.D
Acq: 14 Oct 2022 11:41

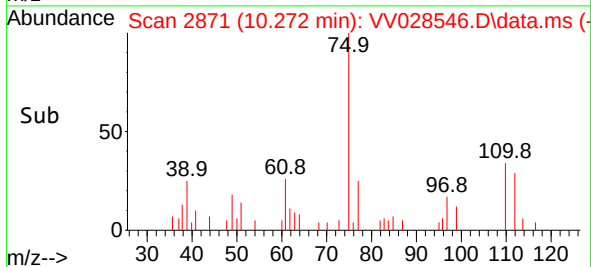
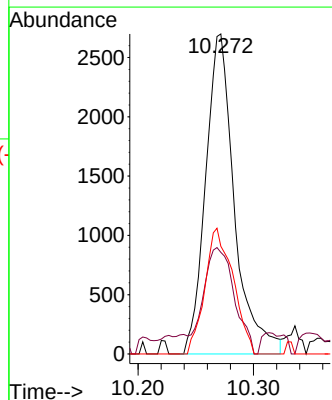
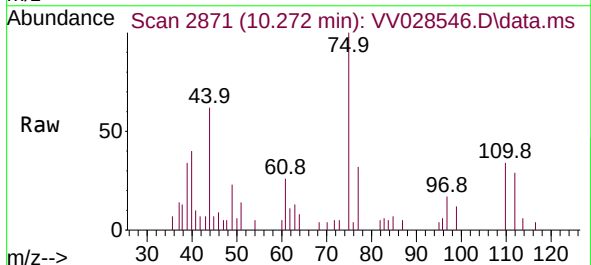
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5258

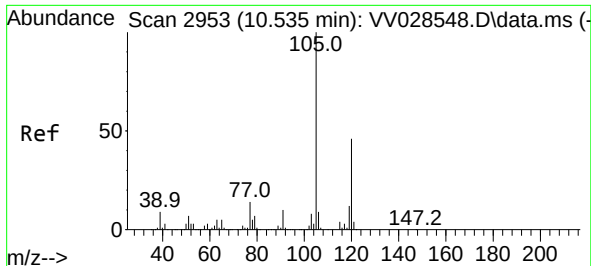
Tgt Ion:	105	Resp:	31874
Ion Ratio	Lower	Upper	
105	100		
120	25.1	20.7	31.1
77	17.1	13.1	19.7



#61
1,2,3-Trichloropropane
Concen: 0.555 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV028546.D
Acq: 14 Oct 2022 11:41

Tgt Ion:	75	Resp:	4680
Ion Ratio	Lower	Upper	
75	100		
77	35.9	24.6	37.0
110	38.4	28.3	42.5





#62

1,3,5-Trimethylbenzene

Concen: 0.511 ug/L

RT: 10.529 min Scan# 2953

Delta R.T. -0.006 min

Lab File: VV028546.D

Acq: 14 Oct 2022 11:41

Instrument :

MSVOA_V

ClientSampleId :

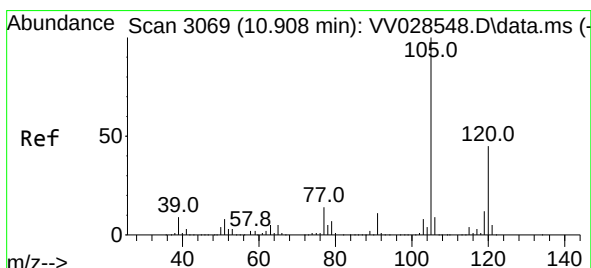
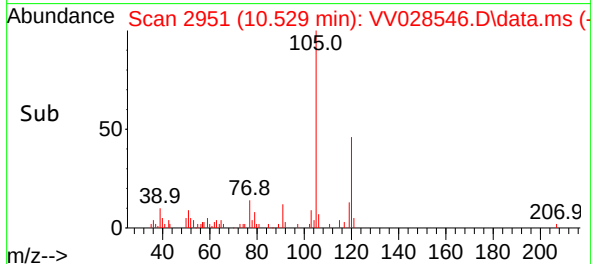
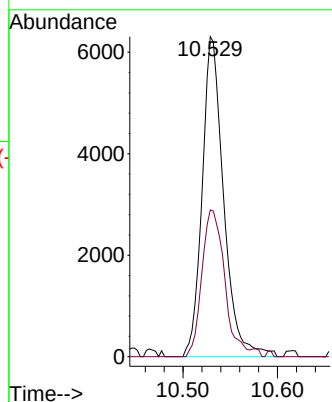
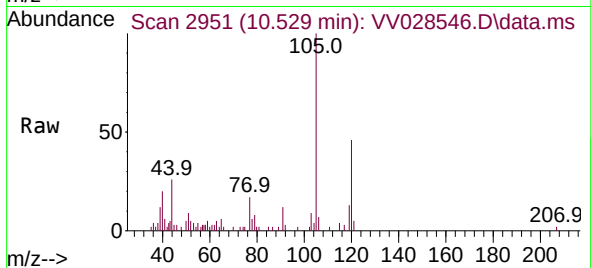
VSTD0.5258

Tgt Ion:105 Resp: 9969

Ion Ratio Lower Upper

105 100

120 48.3 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 0.460 ug/L

RT: 10.908 min Scan# 3069

Delta R.T. 0.000 min

Lab File: VV028546.D

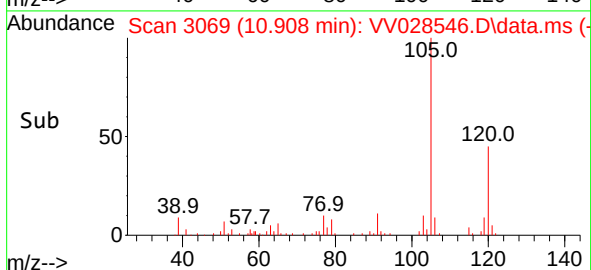
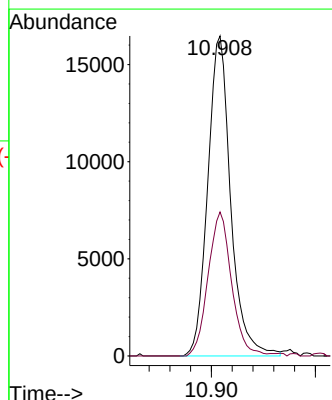
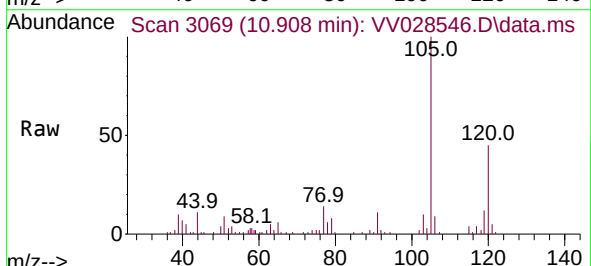
Acq: 14 Oct 2022 11:41

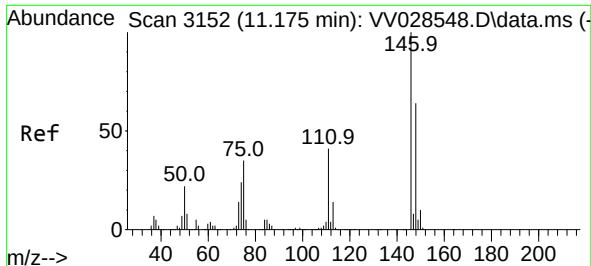
Tgt Ion:105 Resp: 25221

Ion Ratio Lower Upper

105 100

120 46.0 35.6 53.4

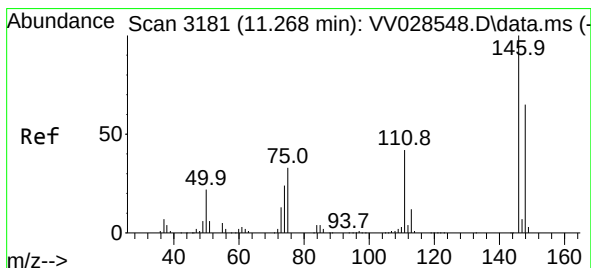
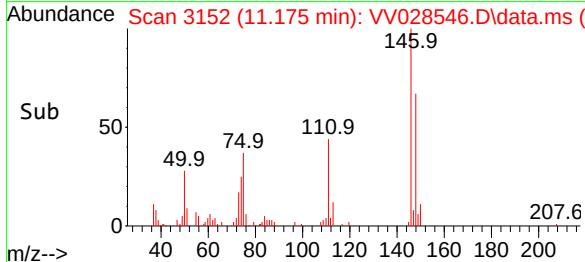
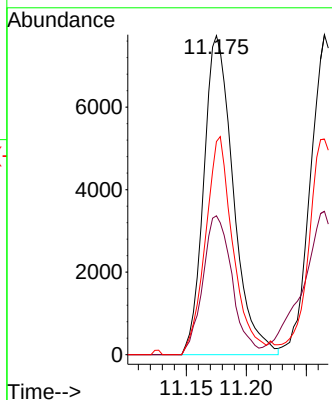
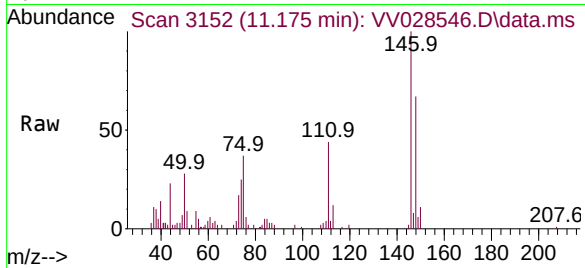




#64
1,3-Dichlorobenzene
Concen: 0.414 ug/L
RT: 11.175 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VV028546.D
Acq: 14 Oct 2022 11:41

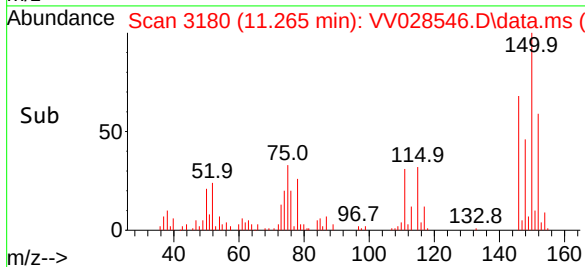
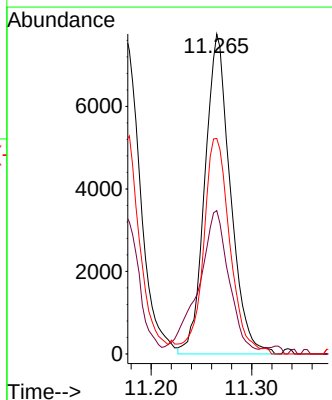
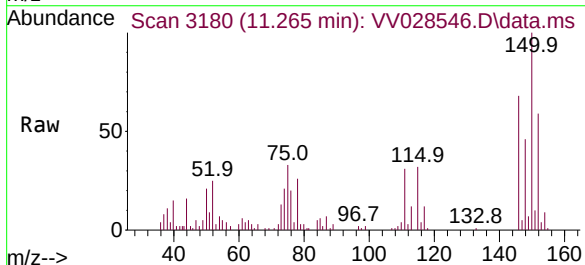
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5258

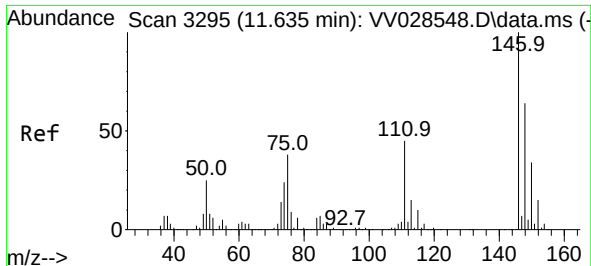
Tgt Ion:146 Resp: 13247
Ion Ratio Lower Upper
146 100
111 43.5 28.5 52.9
148 66.8 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 0.429 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. -0.003 min
Lab File: VV028546.D
Acq: 14 Oct 2022 11:41

Tgt Ion:146 Resp: 13668
Ion Ratio Lower Upper
146 100
111 44.8 29.4 54.6
148 67.4 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 0.418 ug/L

RT: 11.638 min Scan# 3295

Delta R.T. 0.003 min

Lab File: VV028546.D

Acq: 14 Oct 2022 11:41

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5258

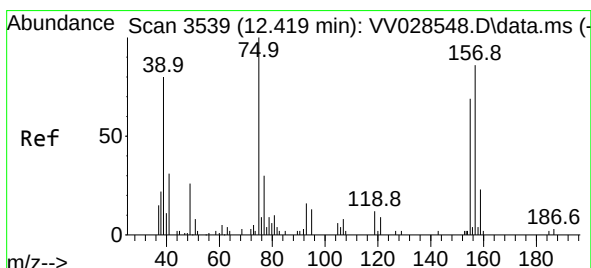
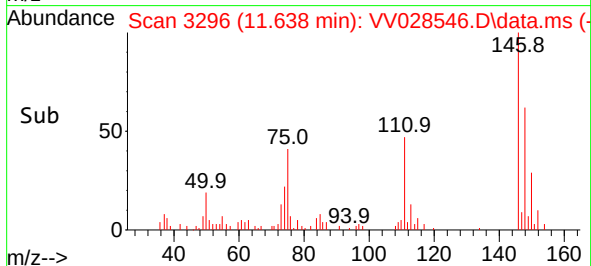
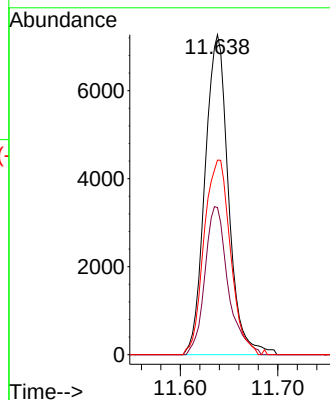
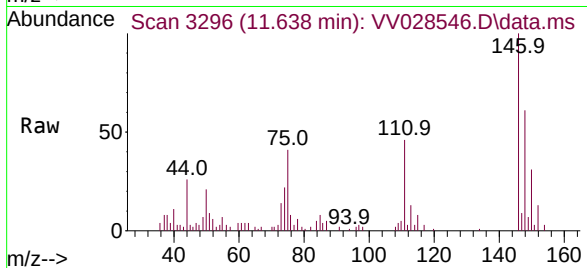
Tgt Ion:146 Resp: 12162

Ion Ratio Lower Upper

146 100

111 46.0 35.7 53.5

148 60.8 51.0 76.6



#68

1,2-Dibromo-3-chloropropane

Concen: 0.458 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.006 min

Lab File: VV028546.D

Acq: 14 Oct 2022 11:41

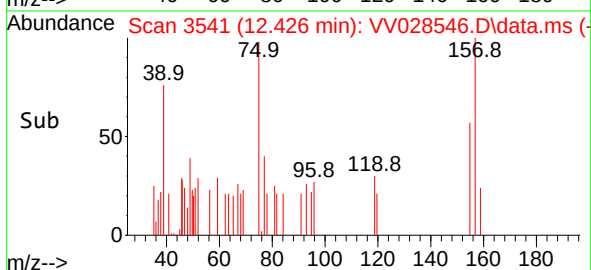
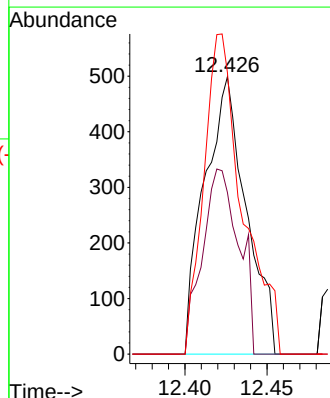
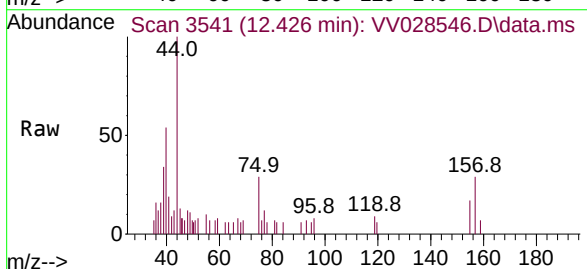
Tgt Ion: 75 Resp: 880

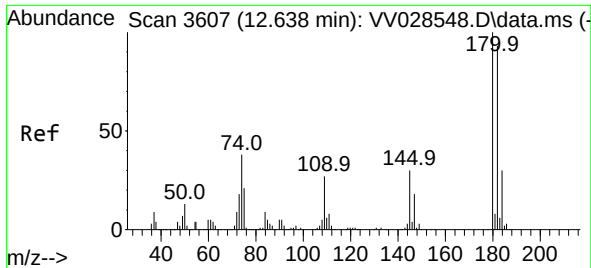
Ion Ratio Lower Upper

75 100

155 58.3 55.2 82.8

157 101.6 68.6 103.0

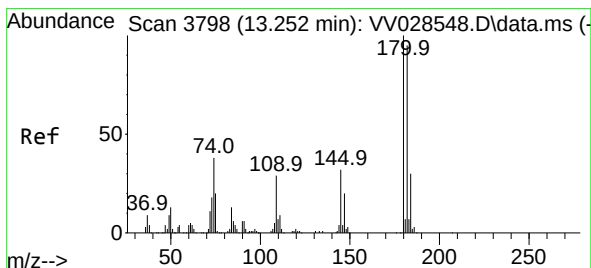
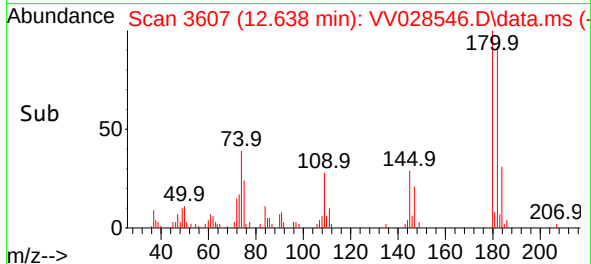
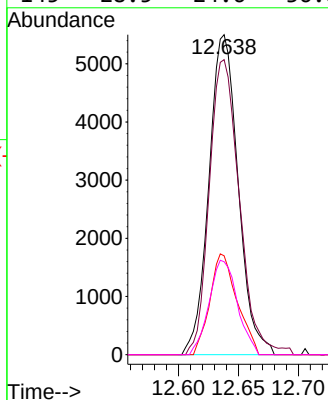
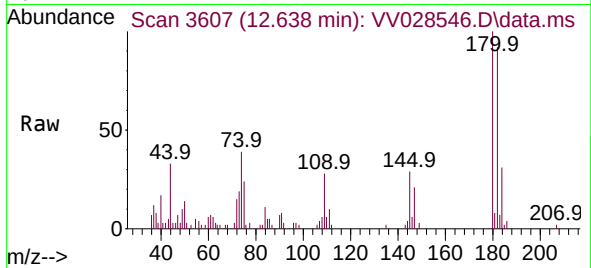




#69
 1,3,5-Trichlorobenzene
 Concen: 0.370 ug/L
 RT: 12.638 min Scan# 3607
 Delta R.T. 0.000 min
 Lab File: VV028546.D
 Acq: 14 Oct 2022 11:41

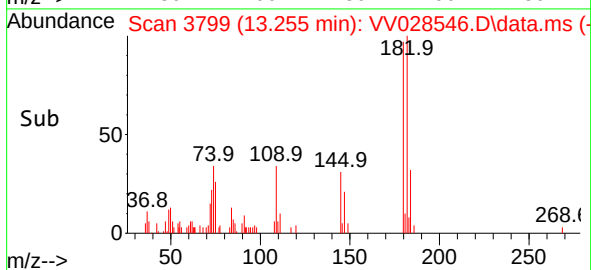
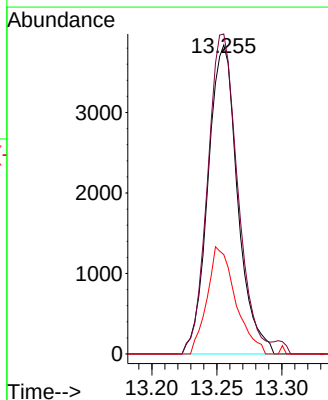
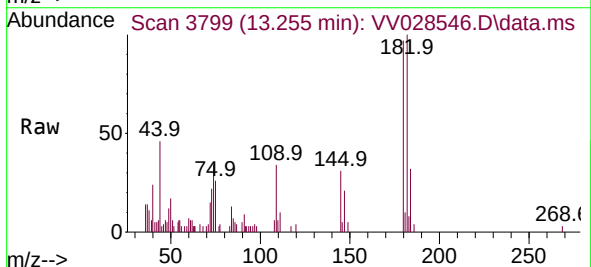
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5258

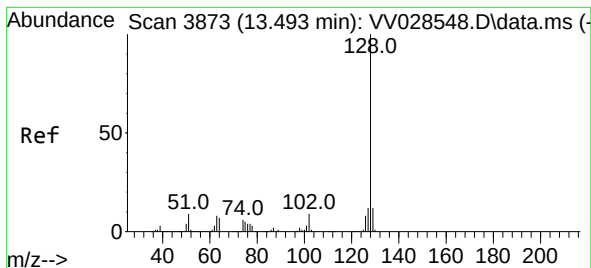
Tgt Ion:	180	Resp:	9322
Ion Ratio	Lower	Upper	
180	100		
182	94.6	75.6	113.4
184	29.4	23.8	35.8
145	28.5	24.6	36.8



#70
 1,2,4-trichlorobenzene
 Concen: 0.315 ug/L
 RT: 13.255 min Scan# 3799
 Delta R.T. 0.003 min
 Lab File: VV028546.D
 Acq: 14 Oct 2022 11:41

Tgt Ion:	180	Resp:	6073
Ion Ratio	Lower	Upper	
180	100		
182	105.2	74.2	111.2
145	33.3	25.3	37.9





#71

Naphthalene

Concen: 0.305 ug/L

RT: 13.497 min Scan# 3873

Delta R.T. 0.003 min

Lab File: VV028546.D

Acq: 14 Oct 2022 11:41

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5258

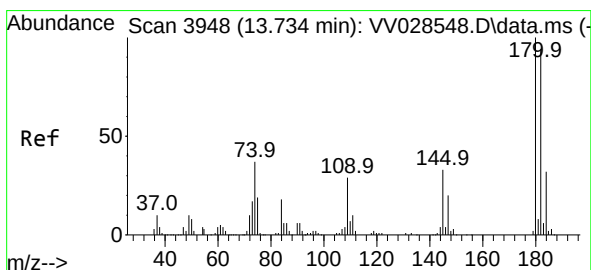
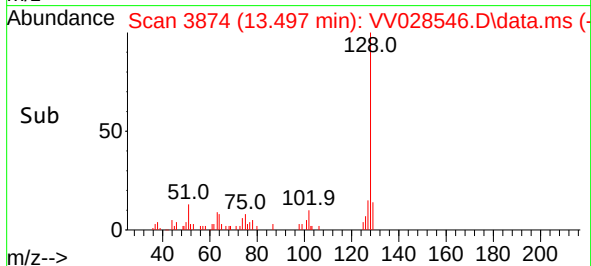
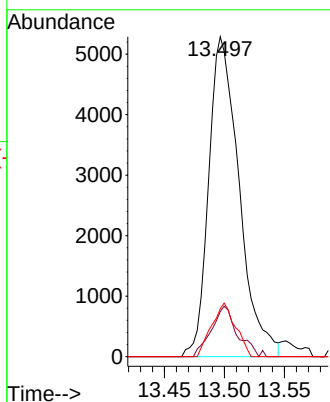
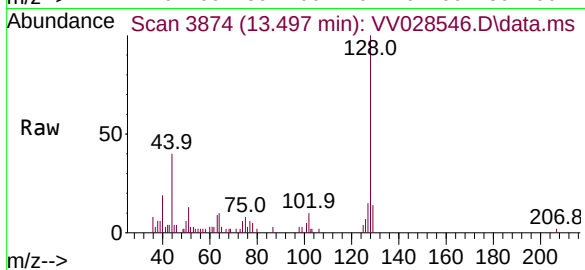
Tgt Ion:128 Resp: 9318

Ion Ratio Lower Upper

128 100

129 13.5 9.0 13.6

127 13.2 10.1 15.1



#72

1,2,3-Trichlorobenzene

Concen: 0.341 ug/L

RT: 13.734 min Scan# 3948

Delta R.T. 0.000 min

Lab File: VV028546.D

Acq: 14 Oct 2022 11:41

Tgt Ion:180 Resp: 5845

Ion Ratio Lower Upper

180 100

182 88.3 76.3 114.5

145 33.8 25.8 38.8

