

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041322\
 Data File : VW025529.D
 Acq On : 14 Apr 2022 06:25
 Operator : SY/MD
 Sample : N2357-12MSD
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAZ18MSD

Quant Time: Apr 14 06:56:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 14 05:22:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	85750	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	83340	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	41918	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	35024	4.393	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.574	69	37664	4.441	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.114	63	65288	4.088	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.800%
20) 2-Butanone-d5	3.902	46	78192	80.631	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	161.260%#
24) Chloroform-d	4.355	84	68127	5.655	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.200%
26) 1,2-Dichloroethane-d4	5.037	65	34548	6.656	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	133.200%#
32) Benzene-d6	5.053	84	118613	4.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.072	67	39626	5.892	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.800%
41) Toluene-d8	7.317	98	92978	4.155	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	7.625	79	10261	4.540	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.088	63	55170	69.544	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	139.080%#
56) 1,1,2,2-Tetrachloroeth...	10.214	84	30120	7.089	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	141.800%#
66) 1,2-Dichlorobenzene-d4	11.622	152	33247	4.731	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	28801	3.718	ug/L	98
3) Chloromethane	1.246	50	69982	8.314	ug/L	98
5) Vinyl chloride	1.317	62	59024	6.206	ug/L	98
6) Bromomethane	1.526	94	40582	5.917	ug/L	99
8) Chloroethane	1.590	64	44864	6.111	ug/L	99
9) Trichlorofluoromethane	1.761	101	56743	4.247	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.124	101	22225	2.961	ug/L	97
12) 1,1-Dichloroethene	2.124	96	36971	4.971	ug/L	84
13) Acetone	2.195	43	60348	91.685	ug/L	96
14) Carbon disulfide	2.301	76	79627	4.473	ug/L	99
15) Methyl Acetate	2.449	43	5220	3.568	ug/L	89
16) Methylene chloride	2.513	84	50024	6.937	ug/L	98
17) Methyl tert-butyl Ether	2.773	73	95271	8.278	ug/L	99
18) trans-1,2-Dichloroethene	2.767	96	34832	5.589	ug/L	97
19) 1,1-Dichloroethane	3.195	63	77897	7.379	ug/L	97
21) 2-Butanone	3.986	43	85628	94.148	ug/L	94
22) cis-1,2-Dichloroethene	3.918	96	44075	6.718	ug/L	91
23) Bromochloromethane	4.259	128	20909	7.676	ug/L	98
25) Chloroform	4.378	83	80130	7.192	ug/L	99

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 Response via : Initial Calibration

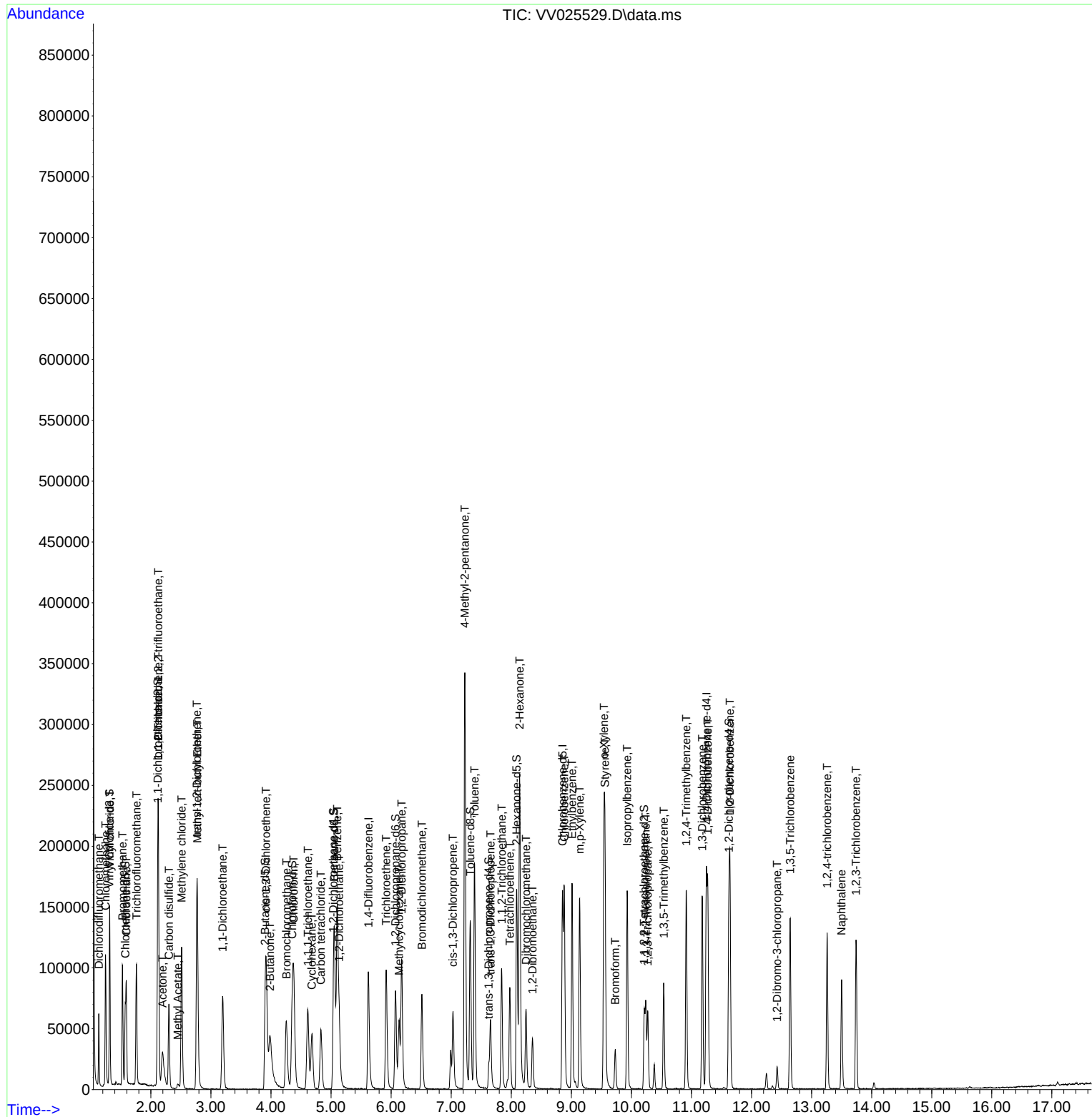
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	48354	8.225	ug/L	98
29) 1,1,1-Trichloroethane	4.616	97	52465	5.338	ug/L	99
30) Cyclohexane	4.680	56	22945	2.567	ug/L	96
31) Carbon tetrachloride	4.831	117	36469	4.387	ug/L	98
33) Benzene	5.105	78	154446	6.274	ug/L	100
34) Trichloroethene	5.918	95	35251	5.393	ug/L	98
35) Methylcyclohexane	6.133	83	21776	2.088	ug/L	95
37) 1,2-Dichloropropane	6.175	63	39802	6.989	ug/L	99
38) Bromodichloromethane	6.513	83	52555	7.433	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	40538	5.431	ug/L	95
40) 4-Methyl-2-pentanone	7.227	43	220589	96.732	ug/L	96
42) Toluene	7.387	91	139107	5.195	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	32629	5.627	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	30735	8.059	ug/L	98
47) Tetrachloroethene	7.979	164	18310	3.578	ug/L	96
48) 2-Hexanone	8.140	43	162084	101.990	ug/L	94
49) Dibromochloromethane	8.246	129	30840	7.366	ug/L	100
50) 1,2-Dibromoethane	8.352	107	27054	7.552	ug/L	93
51) Chlorobenzene	8.883	112	89743	5.248	ug/L	97
52) Ethylbenzene	9.011	91	118798	4.159	ug/L	97
53) m,p-Xylene	9.140	106	45079	4.151	ug/L	95
54) o-Xylene	9.545	106	51039	4.839	ug/L	100
55) Styrene	9.561	104	89153	5.198	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.239	83	32460	8.518	ug/L	97
59) Bromoform	9.731	173	13814	7.983	ug/L	95
60) Isopropylbenzene	9.931	105	103301	3.981	ug/L	98
61) 1,2,3-Trichloropropane	10.272	75	25294	9.162	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	47187	4.078	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	89328	4.285	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	63237	5.221	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	63322	5.150	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	62132	5.793	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	4619	9.677	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	41203	4.471	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	36524	5.142	ug/L	98
71) Naphthalene	13.500	128	72809	6.987	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	34475	5.861	ug/L	98

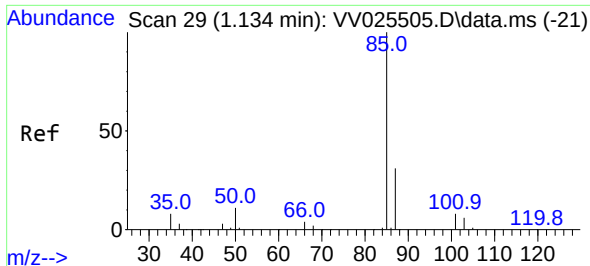
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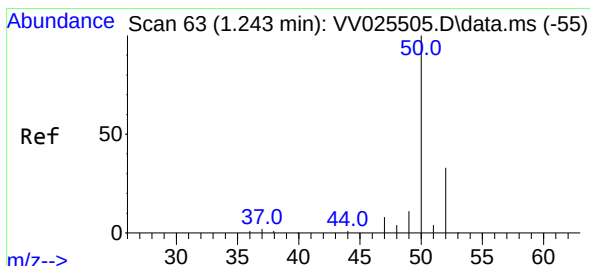
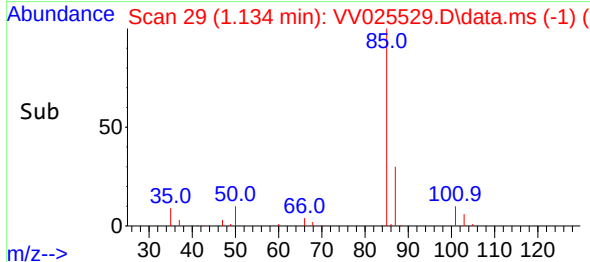
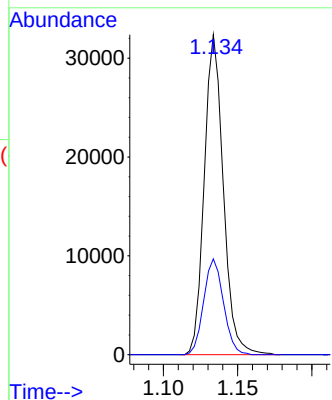
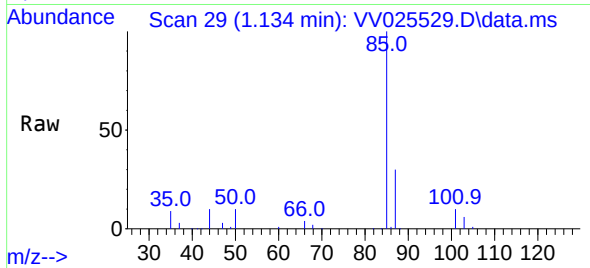




#2
Dichlorodifluoromethane
Concen: 3.718 ug/L
RT: 1.134 min Scan# 29
Delta R.T. -0.000 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

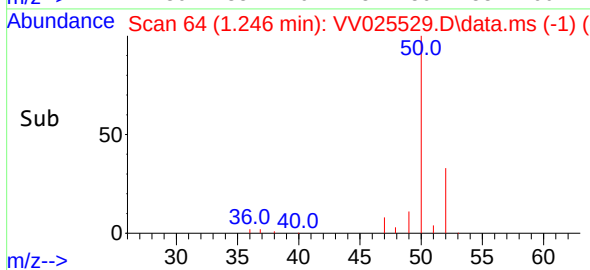
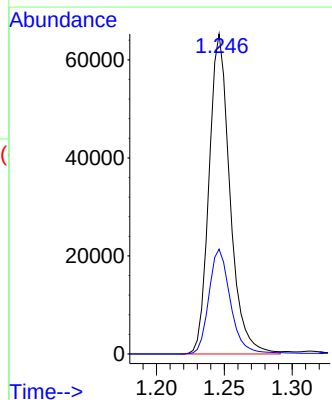
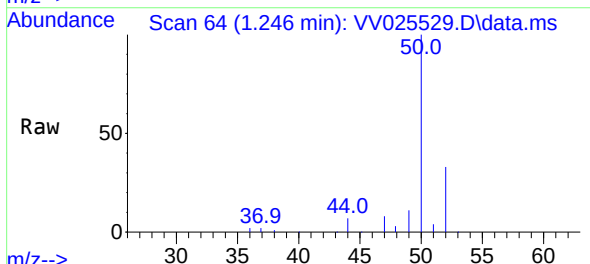
Instrument :
MSVOA_V
ClientSampleId :
YAZ18MSD

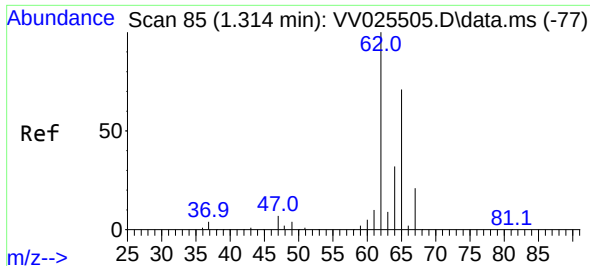
Tgt Ion: 85 Resp: 28801
Ion Ratio Lower Upper
85 100
87 31.1 25.6 38.4



#3
Chloromethane
Concen: 8.314 ug/L
RT: 1.246 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

Tgt Ion: 50 Resp: 69982
Ion Ratio Lower Upper
50 100
52 32.7 23.7 43.9

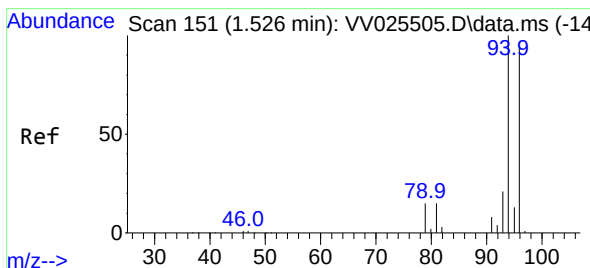
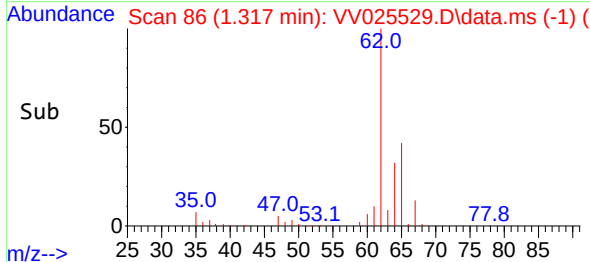
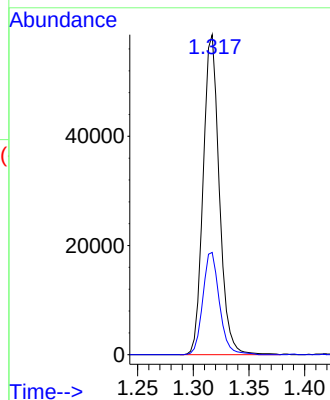
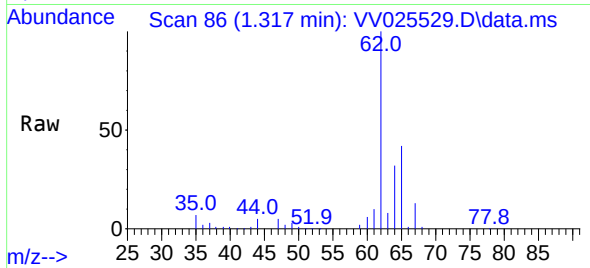




#5
 Vinyl chloride
 Concen: 6.206 ug/L
 RT: 1.317 min Scan# 85
 Delta R.T. 0.003 min
 Lab File: VV025529.D
 Acq: 14 Apr 2022 06:25

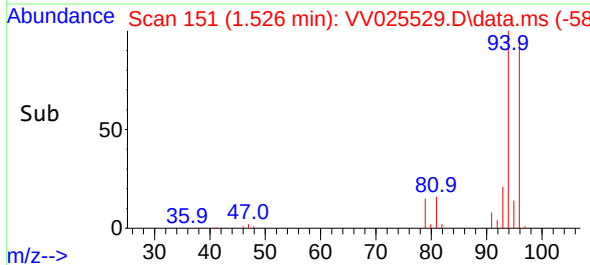
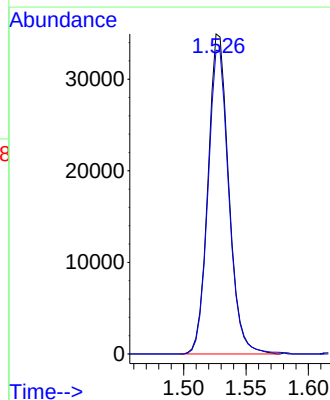
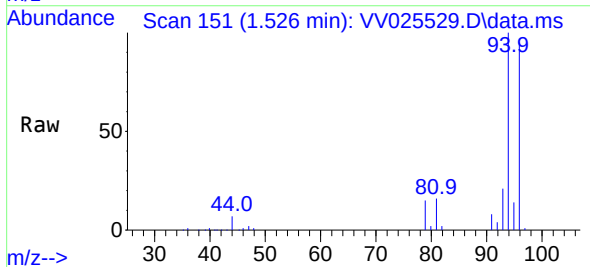
Instrument :
 MSVOA_V
 ClientSampleId :
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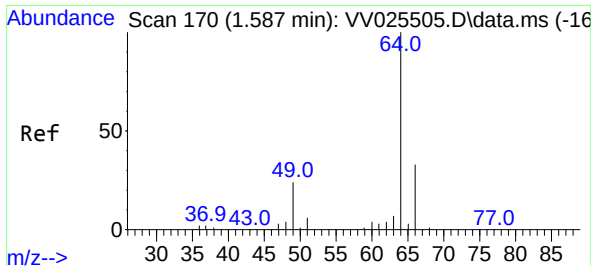
Tgt Ion: 62 Resp: 59024
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.2 43.2



#6
 Bromomethane
 Concen: 5.917 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: VV025529.D
 Acq: 14 Apr 2022 06:25

Tgt Ion: 94 Resp: 40582
 Ion Ratio Lower Upper
 94 100
 96 94.9 66.1 122.7

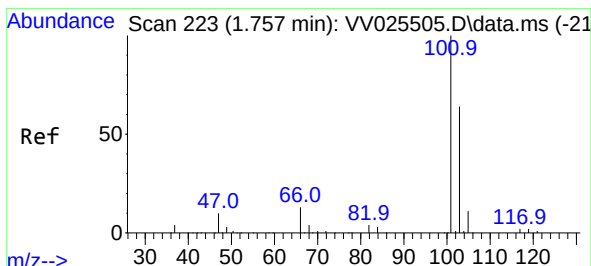
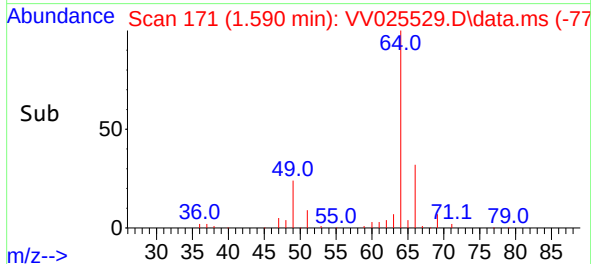
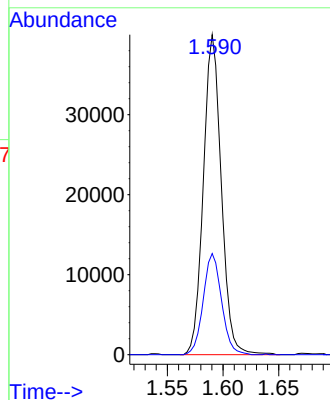
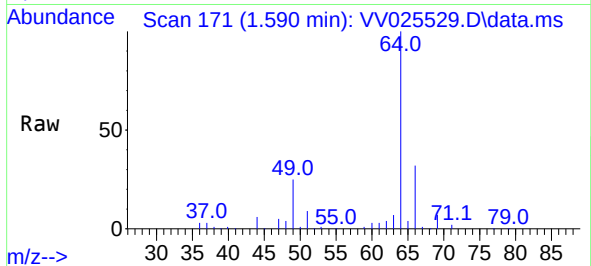




#8
Chloroethane
Concen: 6.111 ug/L
RT: 1.590 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

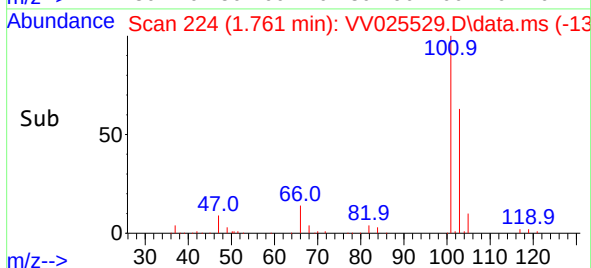
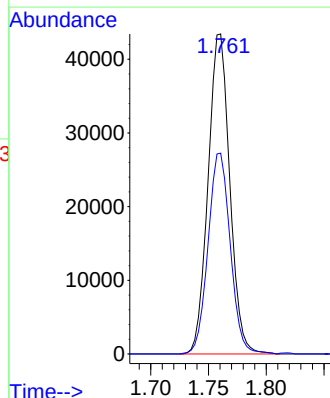
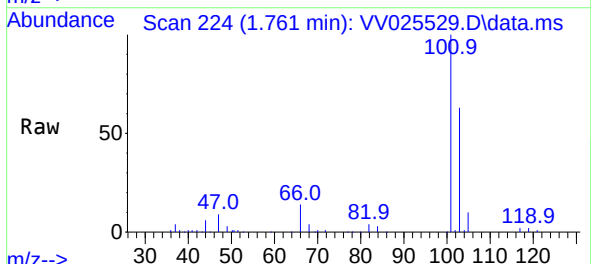
Instrument :
MSVOA_V
ClientSampleId :
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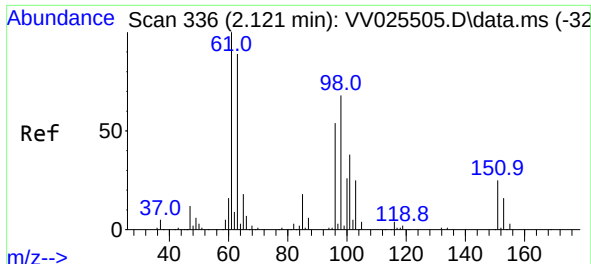
Tgt Ion: 64 Resp: 44864
Ion Ratio Lower Upper
64 100
66 31.6 21.8 40.6



#9
Trichlorofluoromethane
Concen: 4.247 ug/L
RT: 1.761 min Scan# 224
Delta R.T. 0.003 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

Tgt Ion: 101 Resp: 56743
Ion Ratio Lower Upper
101 100
103 64.3 51.9 77.9

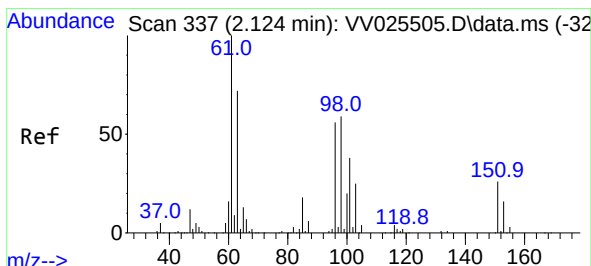
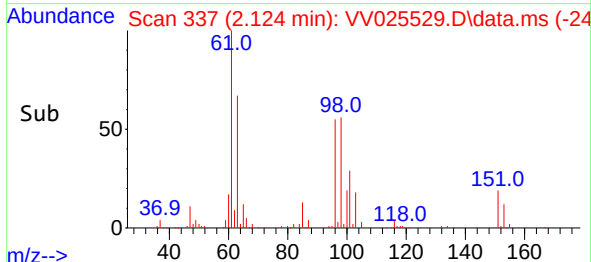
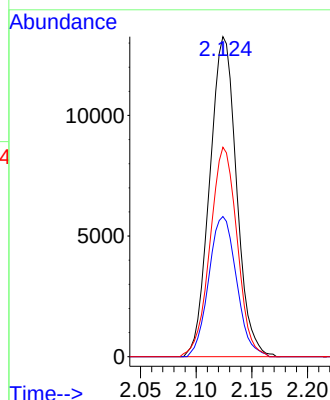
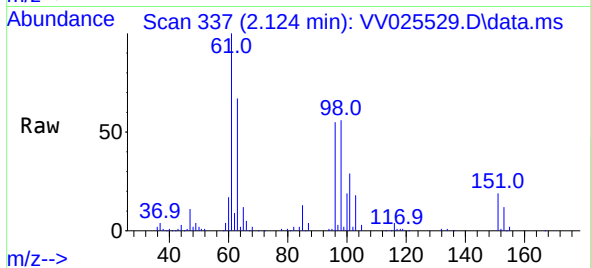




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.961 ug/L
RT: 2.124 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

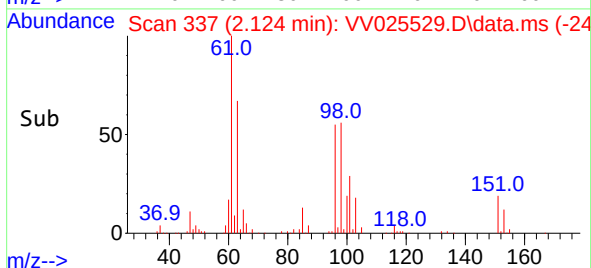
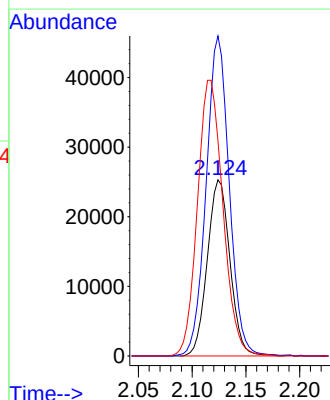
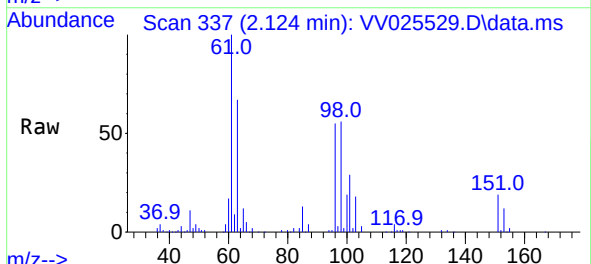
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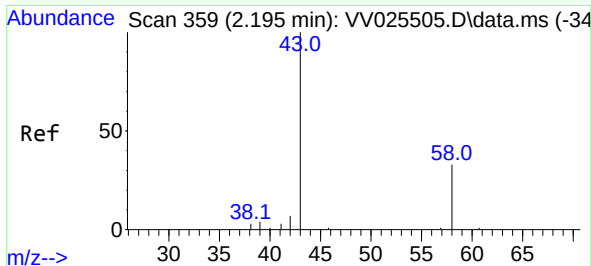
Tgt Ion:	101	Resp:	22225
Ion	Ratio	Lower	Upper
101	100		
85	45.3	35.9	53.9
151	66.1	56.0	84.0



#12
1,1-Dichloroethene
Concen: 4.971 ug/L
RT: 2.124 min Scan# 337
Delta R.T. -0.000 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

Tgt Ion:	96	Resp:	36971
Ion	Ratio	Lower	Upper
96	100		
61	181.6	125.2	232.4
63	122.2	114.4	212.4





#13

Acetone

Concen: 91.685 ug/L

RT: 2.195 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV025529.D

Acq: 14 Apr 2022 06:25

Instrument :

MSVOA_V

ClientSampleId :

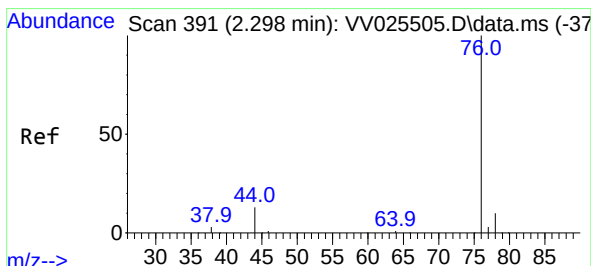
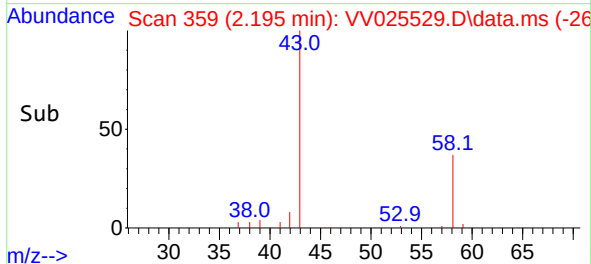
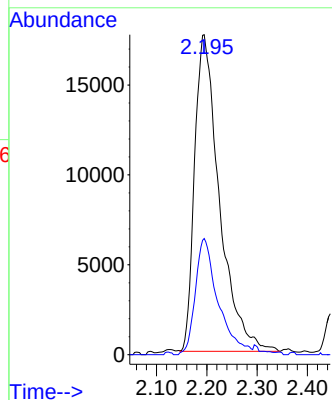
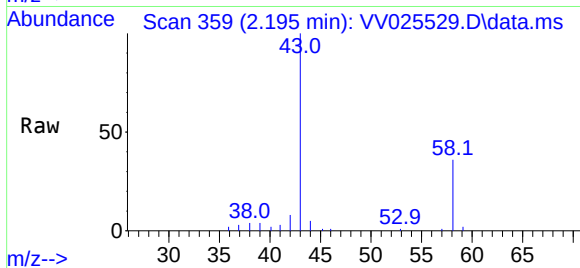
YAZ18MSD

Tgt Ion: 43 Resp: 60348

Ion Ratio Lower Upper

43 100

58 33.7 0.0 72.2



#14

Carbon disulfide

Concen: 4.473 ug/L

RT: 2.301 min Scan# 392

Delta R.T. 0.003 min

Lab File: VV025529.D

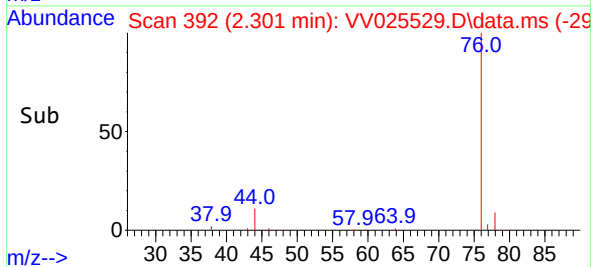
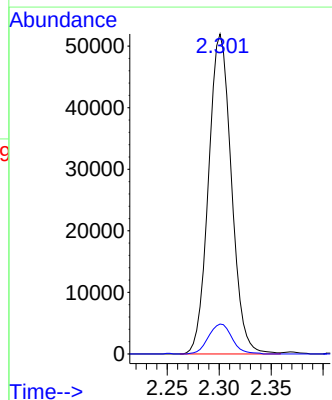
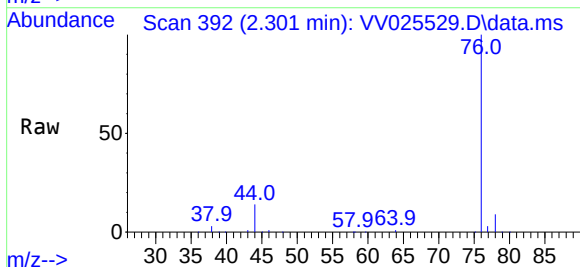
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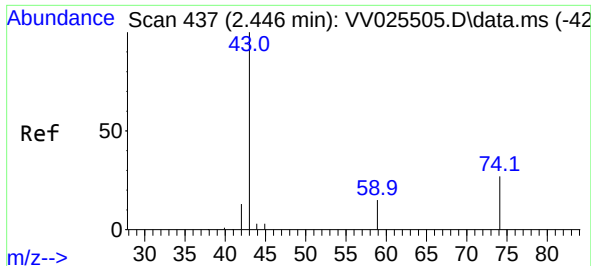
Tgt Ion: 76 Resp: 79627

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9

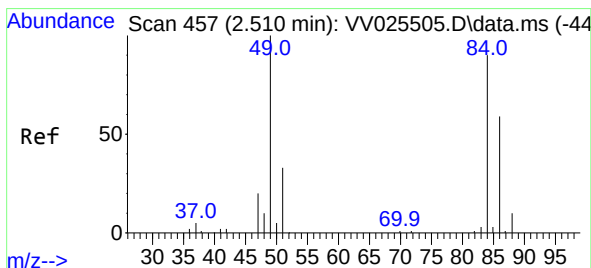
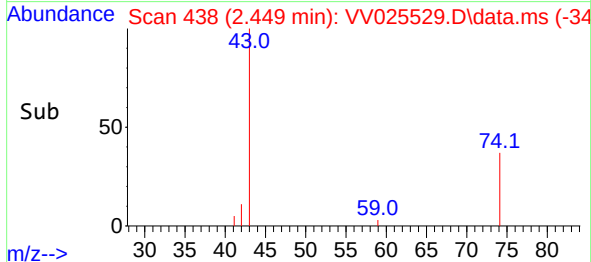
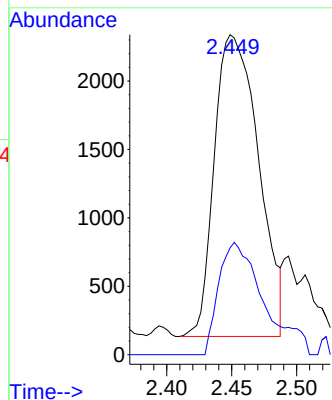
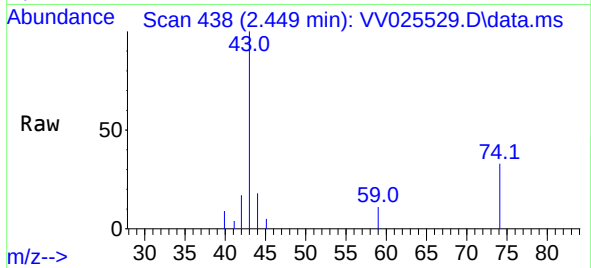




#15
Methyl Acetate
Concen: 3.568 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

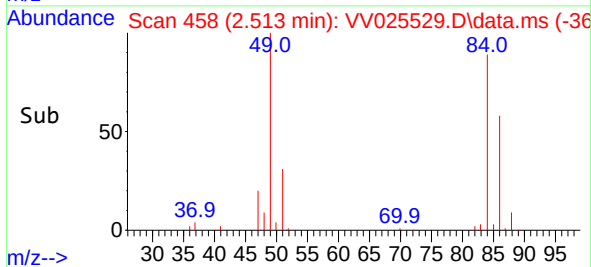
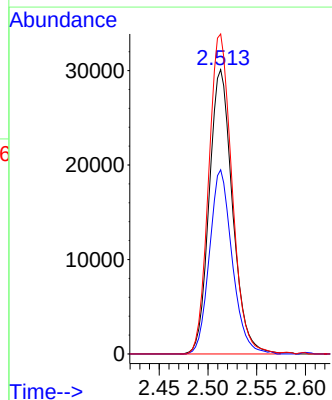
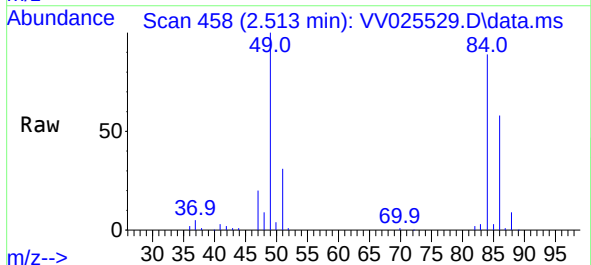
Instrument :
MSVOA_V
ClientSampleId :
YAZ18MSD

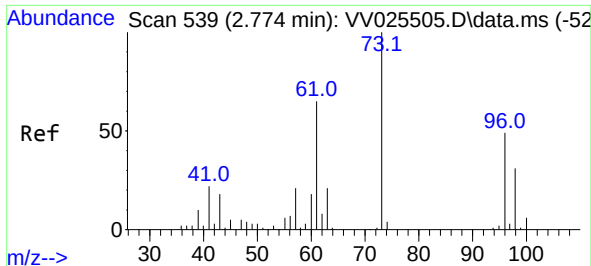
Tgt Ion: 43 Resp: 5220
Ion Ratio Lower Upper
43 100
74 37.8 25.2 37.8



#16
Methylene chloride
Concen: 6.937 ug/L
RT: 2.513 min Scan# 458
Delta R.T. 0.003 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

Tgt Ion: 84 Resp: 50024
Ion Ratio Lower Upper
84 100
86 64.8 45.9 85.3
49 112.5 76.6 142.3

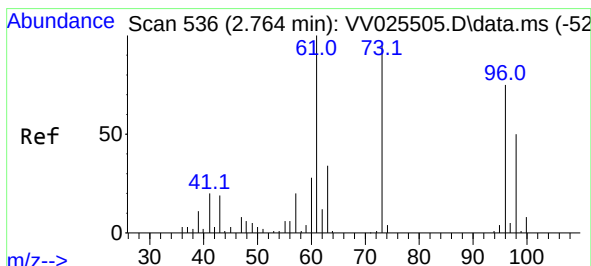
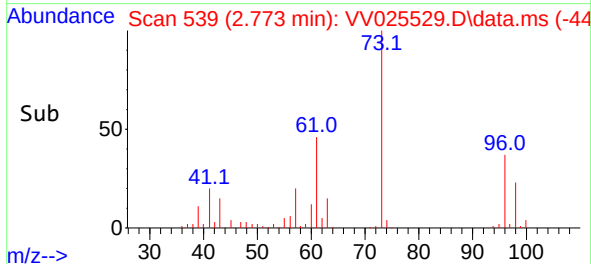
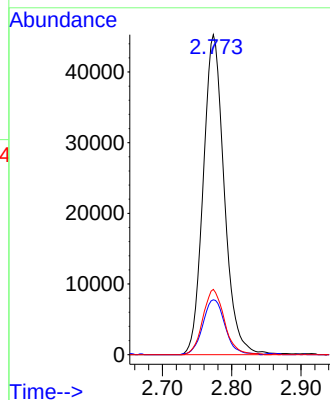
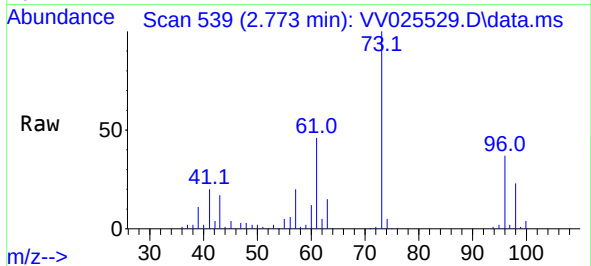




#17
Methyl tert-butyl Ether
Concen: 8.278 ug/L
RT: 2.773 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

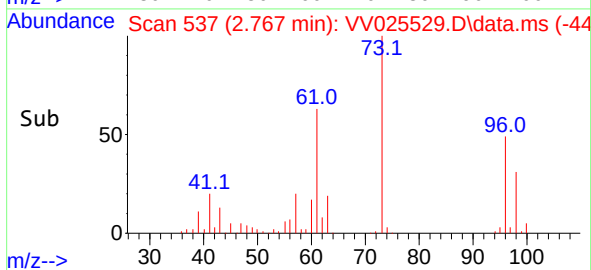
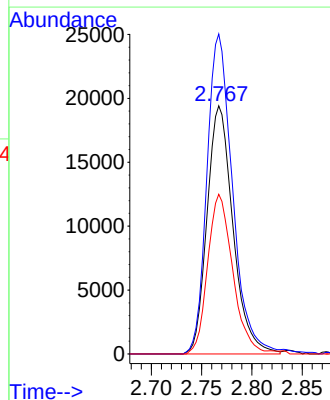
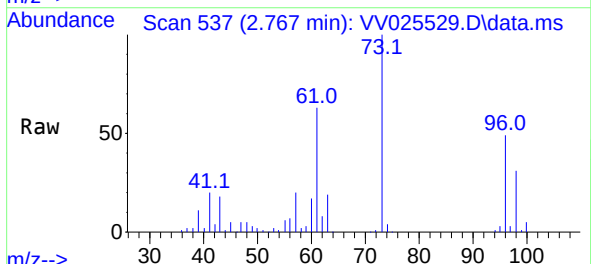
Instrument :
MSVOA_V
ClientSampleId :
YAZ18MSD

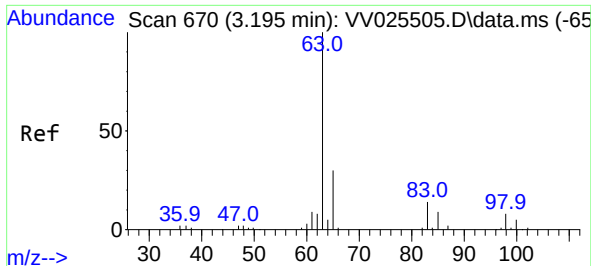
Tgt Ion: 73 Resp: 95271
Ion Ratio Lower Upper
73 100
43 18.2 14.2 21.4
57 20.9 16.1 24.1



#18
trans-1,2-Dichloroethene
Concen: 5.589 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

Tgt Ion: 96 Resp: 34832
Ion Ratio Lower Upper
96 100
61 129.0 92.1 171.1
98 64.4 47.5 88.1

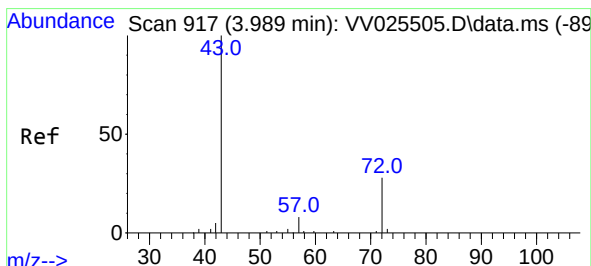
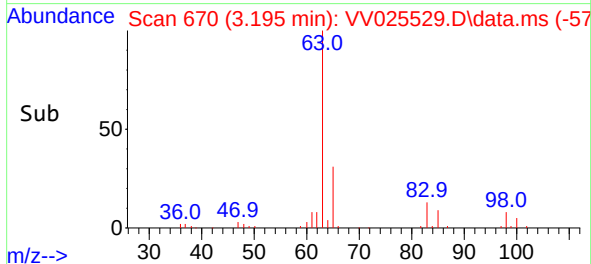
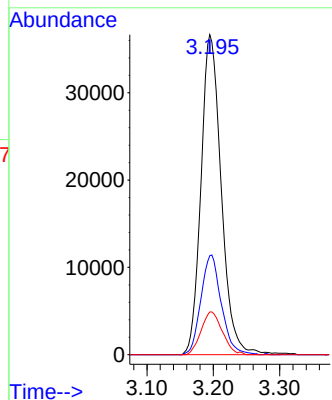
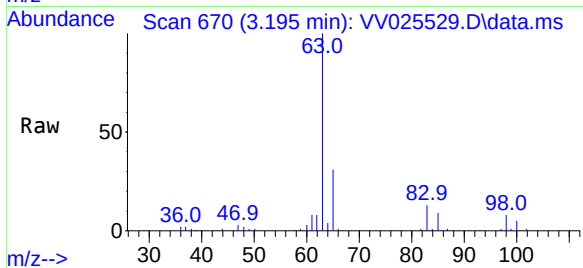




#19
1,1-Dichloroethane
Concen: 7.379 ug/L
RT: 3.195 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

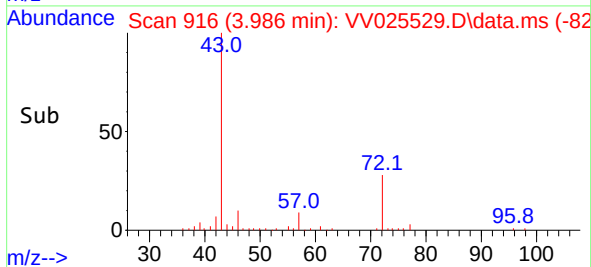
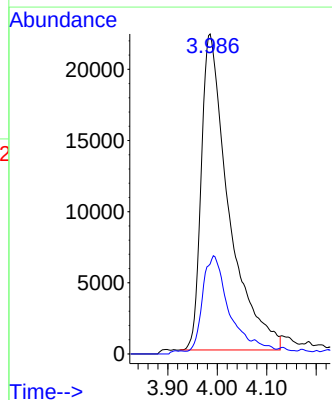
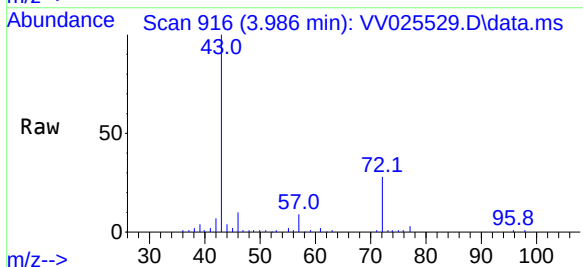
Instrument :
MSVOA_V
ClientSampleId :
YAZ18MSD

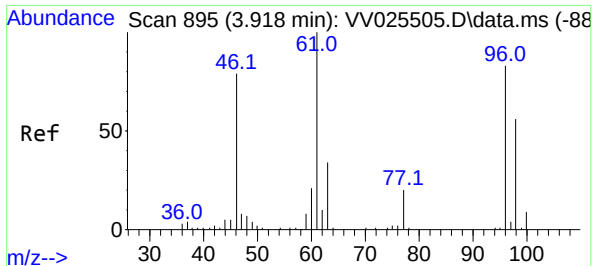
Tgt Ion: 63 Resp: 77897
Ion Ratio Lower Upper
63 100
65 30.9 23.2 43.0
83 13.3 9.0 16.8



#21
2-Butanone
Concen: 94.148 ug/L
RT: 3.986 min Scan# 916
Delta R.T. -0.003 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

Tgt Ion: 43 Resp: 85628
Ion Ratio Lower Upper
43 100
72 27.4 15.2 45.6

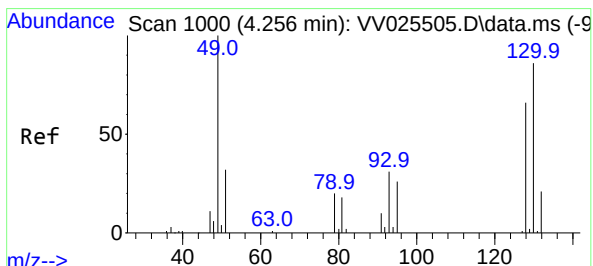
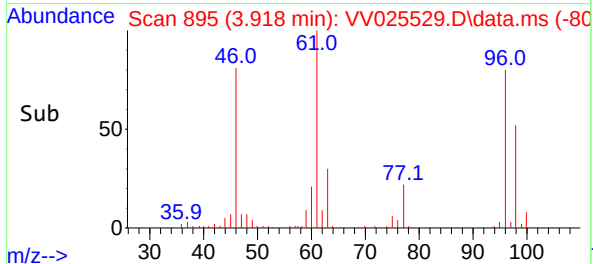
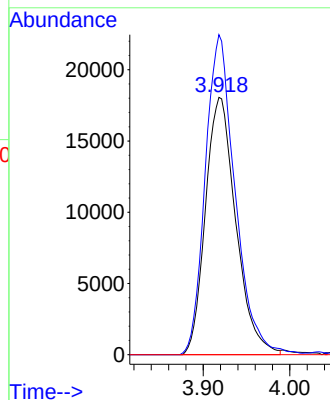
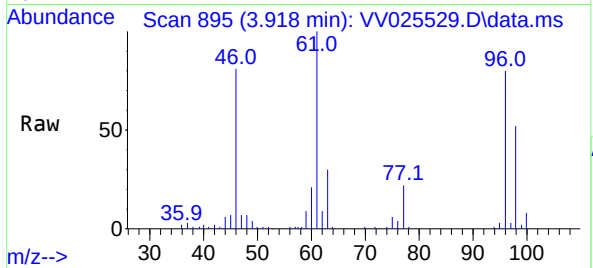




#22
cis-1,2-Dichloroethene
Concen: 6.718 ug/L
RT: 3.918 min Scan# 895
Delta R.T. -0.000 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

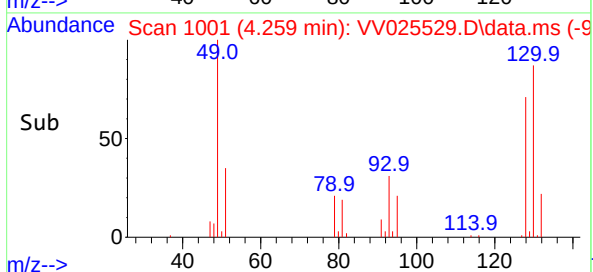
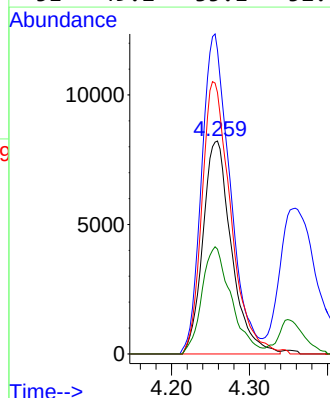
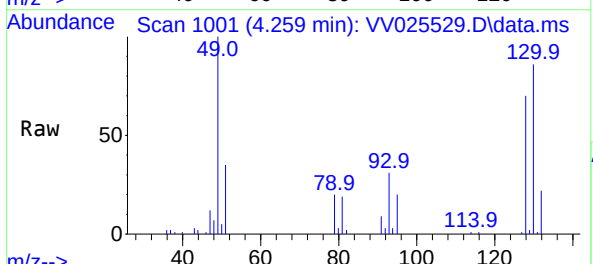
Instrument :
MSVOA_V
ClientSampleId :
YAZ18MSD

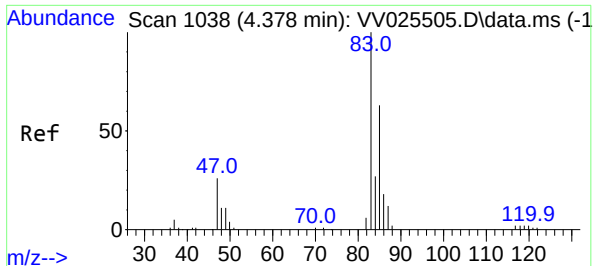
Tgt Ion: 96 Resp: 44075
Ion Ratio Lower Upper
96 100
61 124.4 80.0 148.6
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 7.676 ug/L
RT: 4.259 min Scan# 1001
Delta R.T. 0.003 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

Tgt Ion: 128 Resp: 20909
Ion Ratio Lower Upper
128 100
49 142.7 100.5 186.7
130 122.7 87.8 163.0
51 49.2 35.1 52.7





#25

Chloroform

Concen: 7.192 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VV025529.D

Acq: 14 Apr 2022 06:25

Instrument :

MSVOA_V

ClientSampleId :

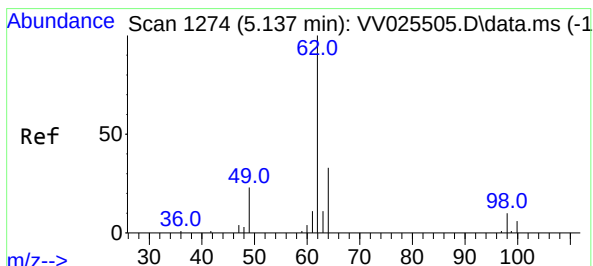
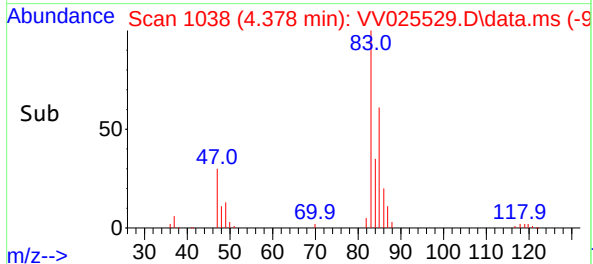
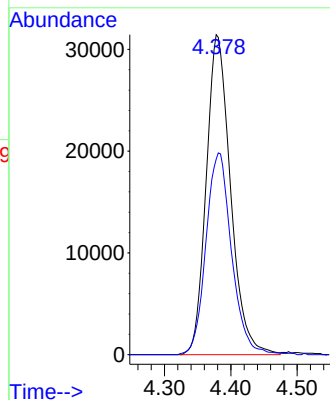
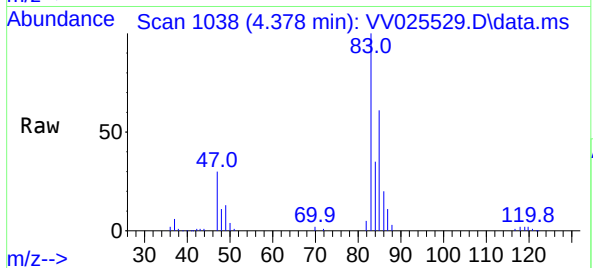
YAZ18MSD

Tgt Ion: 83 Resp: 80130

Ion Ratio Lower Upper

83 100

85 61.1 43.5 80.7



#27

1,2-Dichloroethane

Concen: 8.225 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. -0.000 min

Lab File: VV025529.D

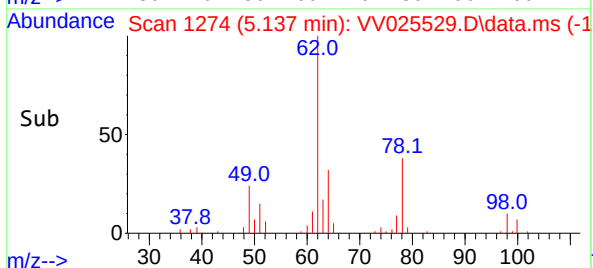
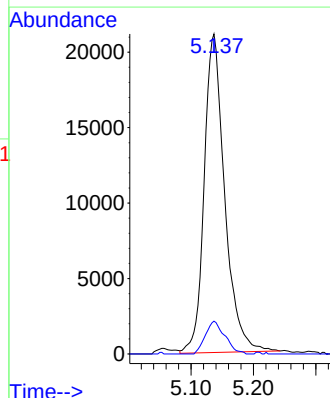
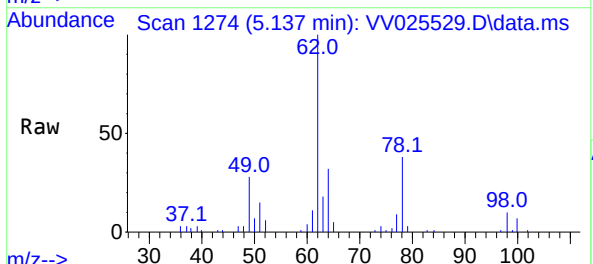
Acq: 14 Apr 2022 06:25

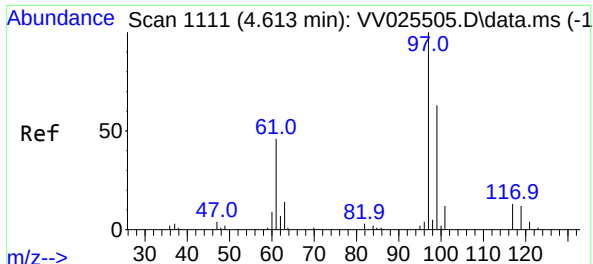
Tgt Ion: 62 Resp: 48354

Ion Ratio Lower Upper

62 100

98 10.2 8.8 13.2



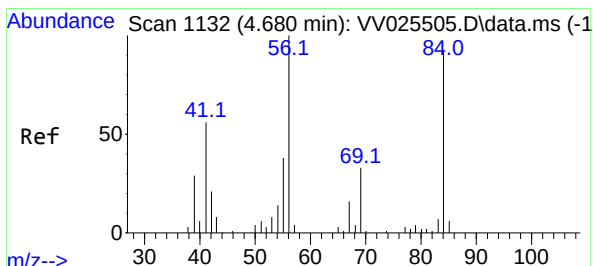
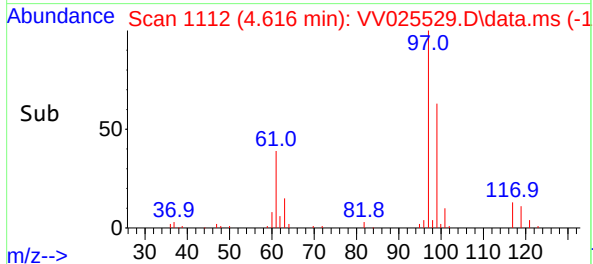
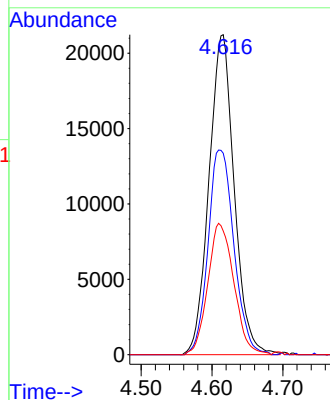
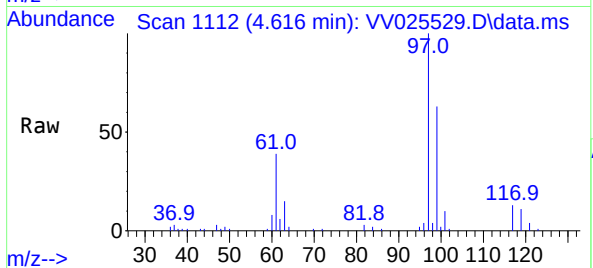


#29
1,1,1-Trichloroethane
Concen: 5.338 ug/L
RT: 4.616 min Scan# 1111
Delta R.T. 0.003 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

Instrument :
MSVOA_V
ClientSampleId :
YAZ18MSD

Tgt Ion: 97 Resp: 52465

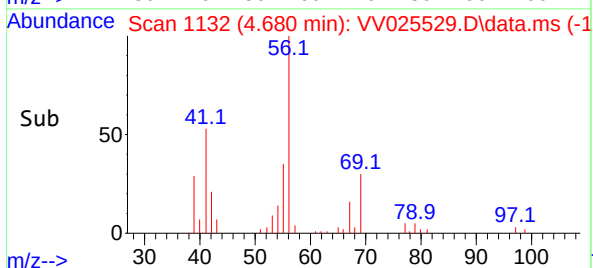
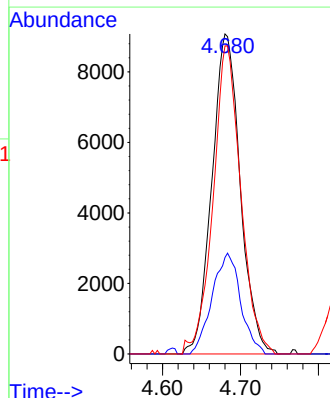
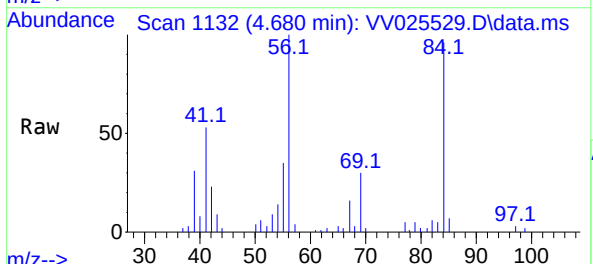
Ion	Ratio	Lower	Upper
97	100		
99	65.8	51.5	77.3
61	42.4	34.3	51.5

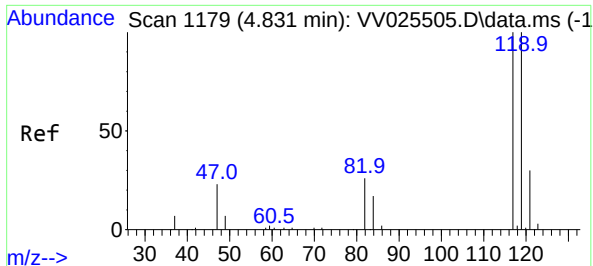


#30
Cyclohexane
Concen: 2.567 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

Tgt Ion: 56 Resp: 22945

Ion	Ratio	Lower	Upper
56	100		
69	31.7	26.1	39.1
84	94.0	78.6	118.0

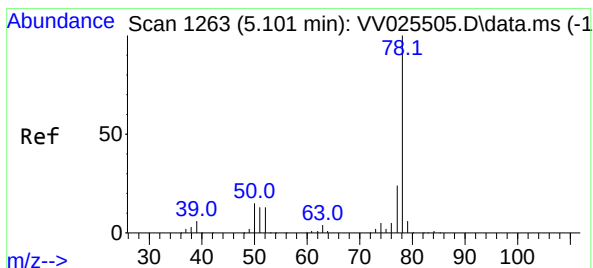
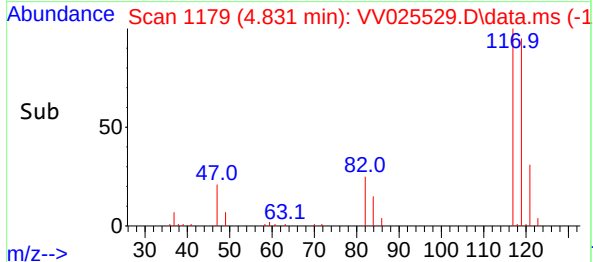
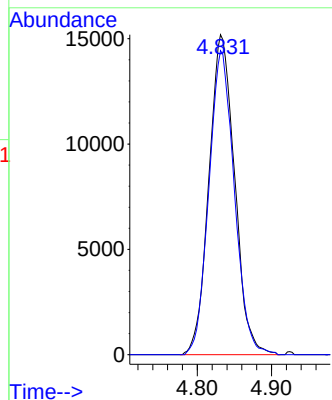
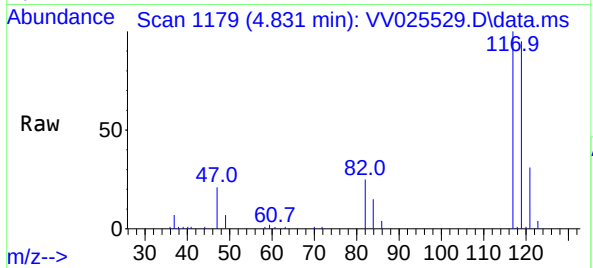




#31
Carbon tetrachloride
Concen: 4.387 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

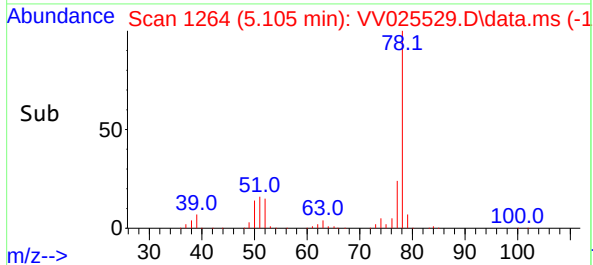
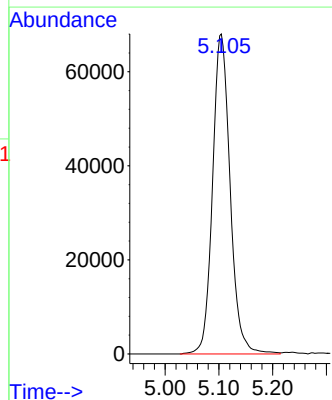
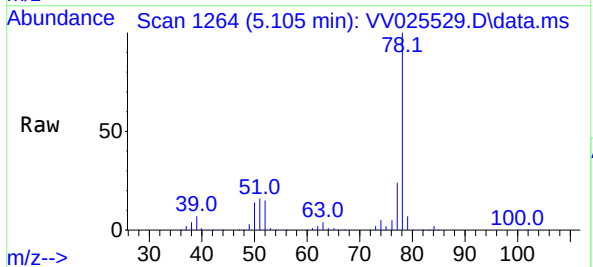
Instrument :
MSVOA_V
ClientSampleId :
YAZ18MSD

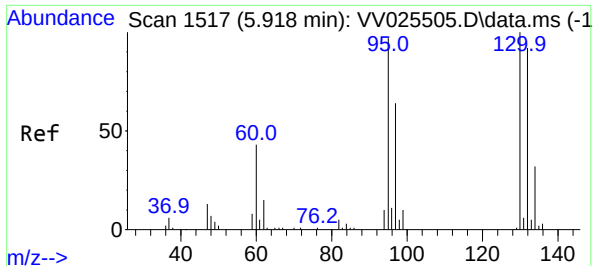
Tgt Ion:117 Resp: 36469
Ion Ratio Lower Upper
117 100
119 94.2 76.6 114.8



#33
Benzene
Concen: 6.274 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

Tgt Ion: 78 Resp: 154446

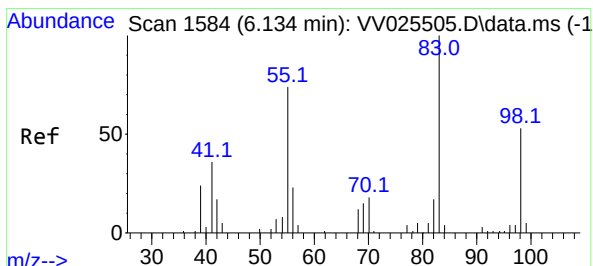
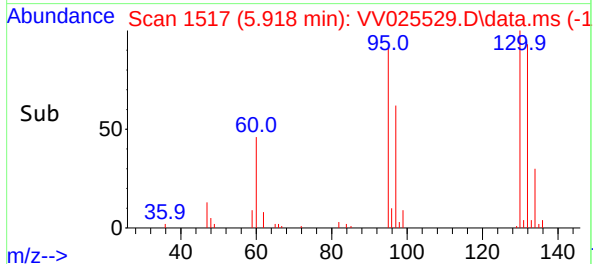
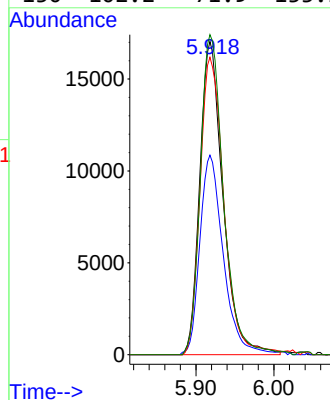
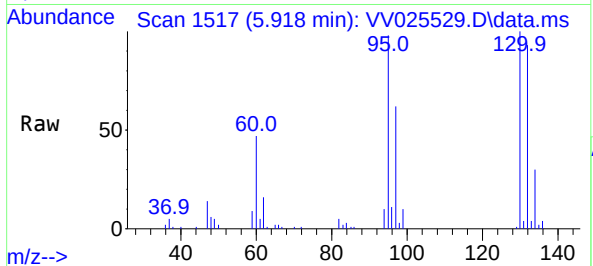




#34
Trichloroethene
Concen: 5.393 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

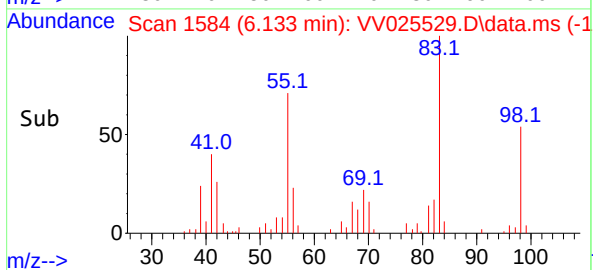
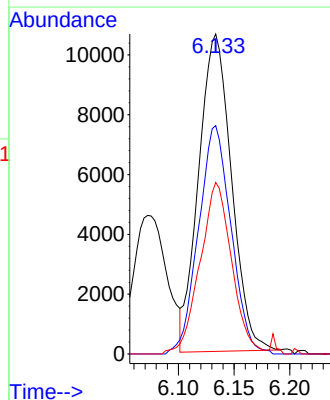
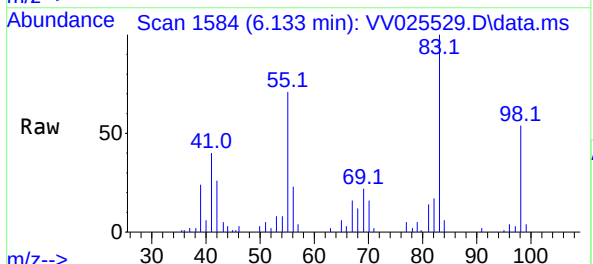
Instrument :
MSVOA_V
ClientSampleId :
YAZ18MSD

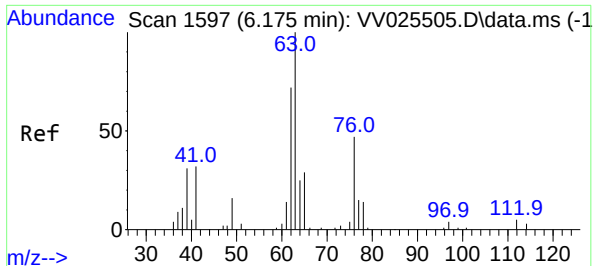
Tgt Ion: 95 Resp: 35251
Ion Ratio Lower Upper
95 100
97 63.7 45.8 85.2
132 95.0 68.0 126.4
130 102.2 71.9 133.5



#35
Methylcyclohexane
Concen: 2.088 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

Tgt Ion: 83 Resp: 21776
Ion Ratio Lower Upper
83 100
55 71.4 53.7 80.5
98 52.1 39.6 59.4

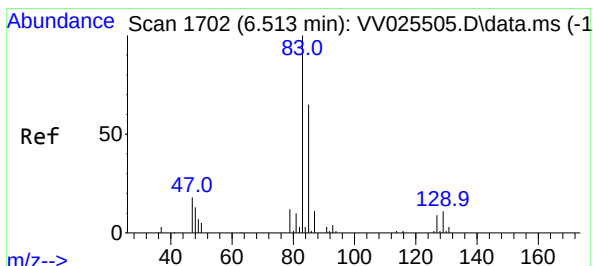
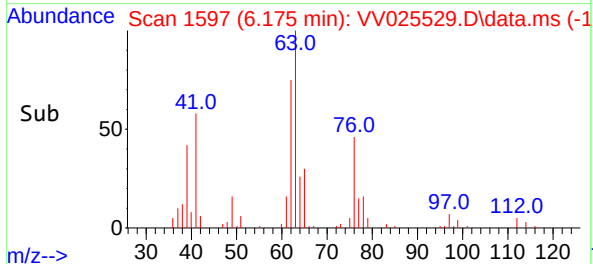
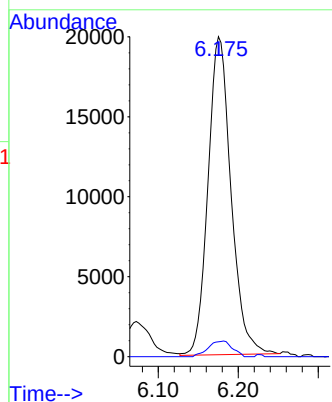
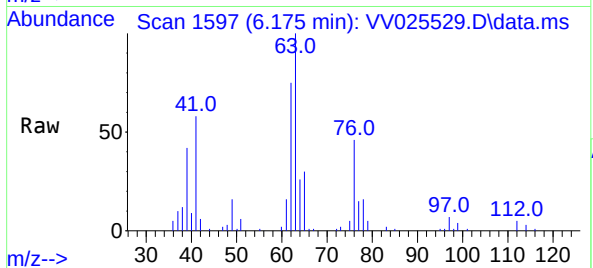




#37
1,2-Dichloropropane
Concen: 6.989 ug/L
RT: 6.175 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

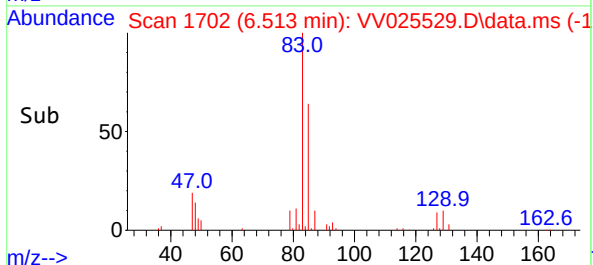
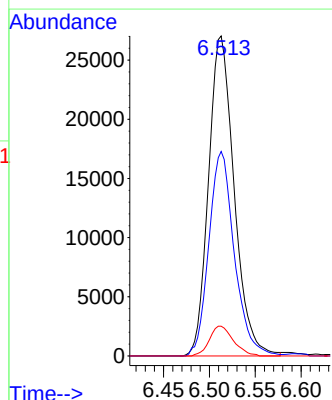
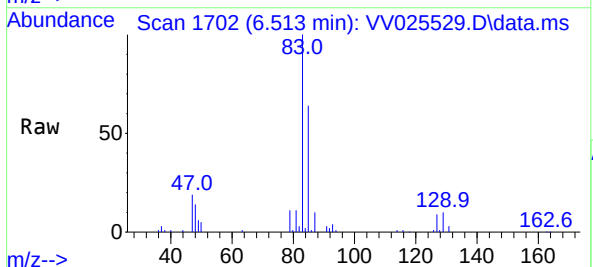
Instrument :
MSVOA_V
ClientSampleId :
YAZ18MSD

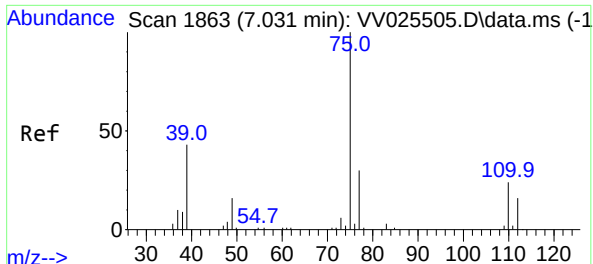
Tgt Ion: 63 Resp: 39802
Ion Ratio Lower Upper
63 100
112 5.1 3.8 5.8



#38
Bromodichloromethane
Concen: 7.433 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

Tgt Ion: 83 Resp: 52555
Ion Ratio Lower Upper
83 100
85 63.9 44.4 82.4
127 9.3 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.431 ug/L

RT: 7.030 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV025529.D

Acq: 14 Apr 2022 06:25

Instrument :

MSVOA_V

ClientSampleId :

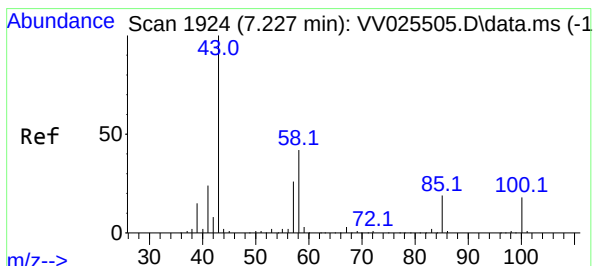
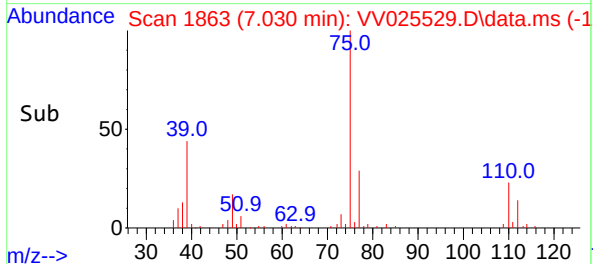
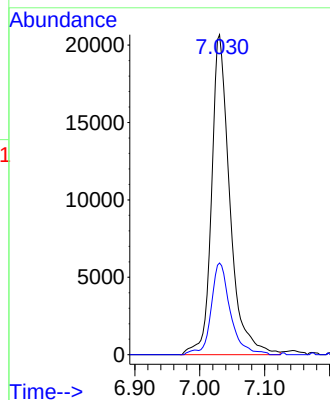
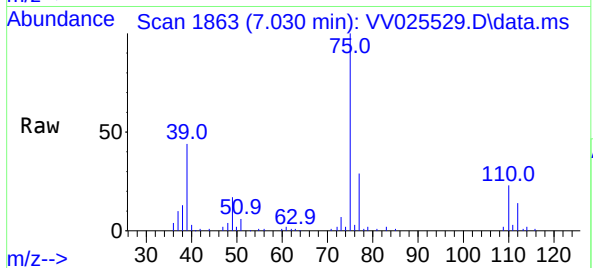
YAZ18MSD

Tgt Ion: 75 Resp: 40538

Ion Ratio Lower Upper

75 100

77 28.7 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 96.732 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV025529.D

Acq: 14 Apr 2022 06:25

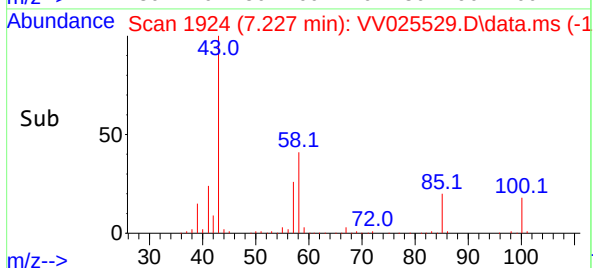
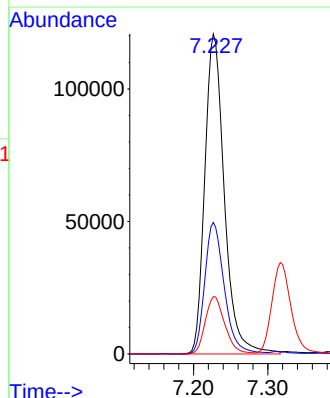
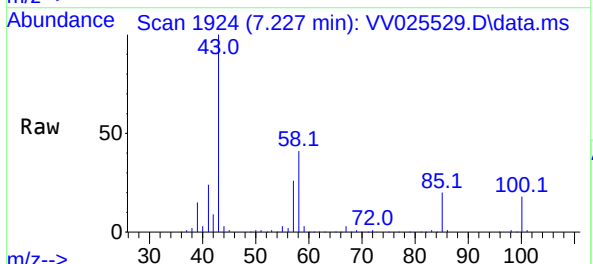
Tgt Ion: 43 Resp: 220589

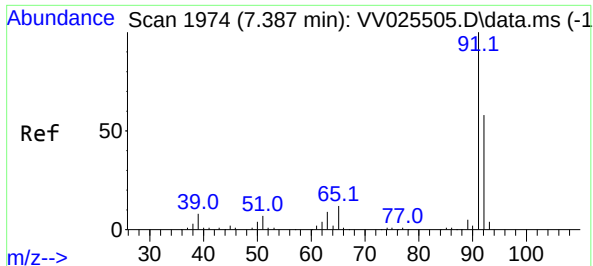
Ion Ratio Lower Upper

43 100

58 41.1 35.1 52.7

100 17.9 15.3 22.9





#42

Toluene

Concen: 5.195 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV025529.D

Acq: 14 Apr 2022 06:25

Instrument :

MSVOA_V

ClientSampleId :

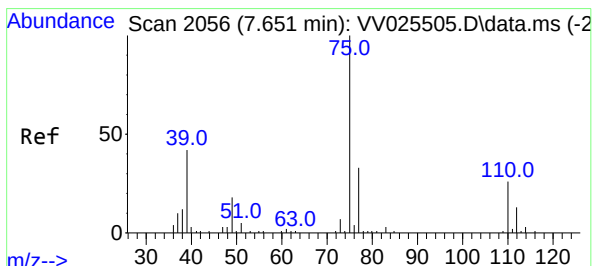
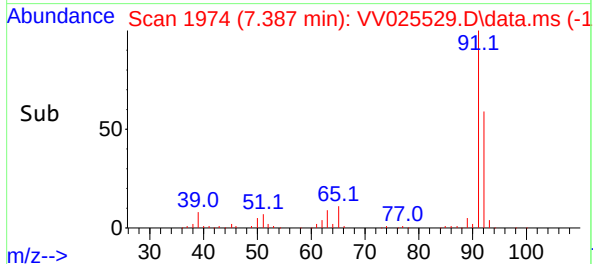
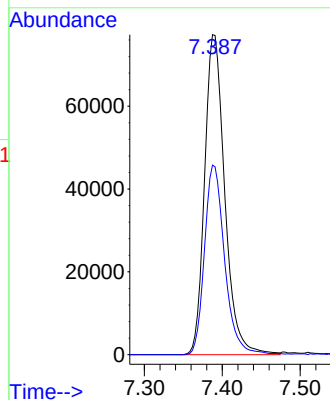
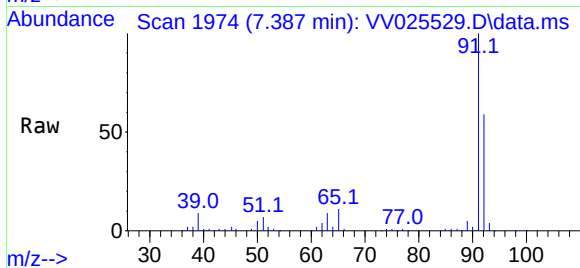
YAZ18MSD

Tgt Ion: 91 Resp: 139107

Ion Ratio Lower Upper

91 100

92 59.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.627 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV025529.D

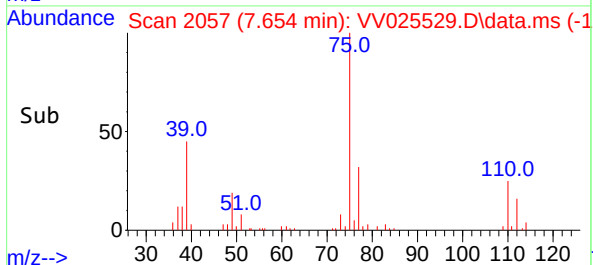
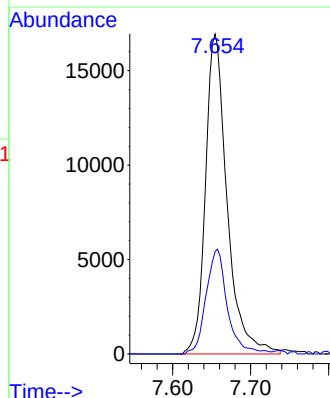
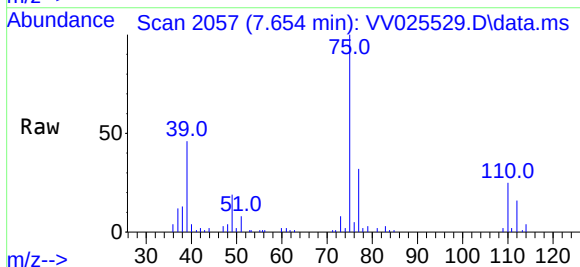
Acq: 14 Apr 2022 06:25

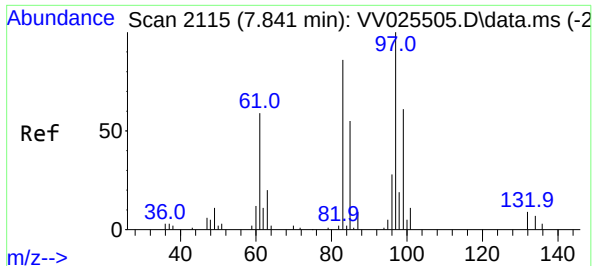
Tgt Ion: 75 Resp: 32629

Ion Ratio Lower Upper

75 100

77 32.0 21.7 40.3



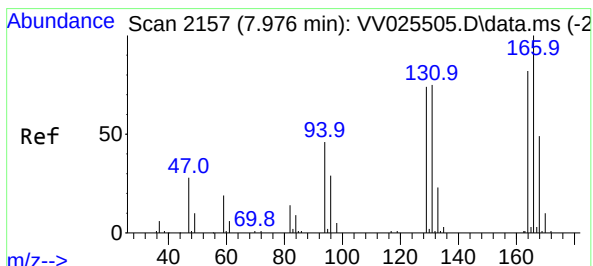
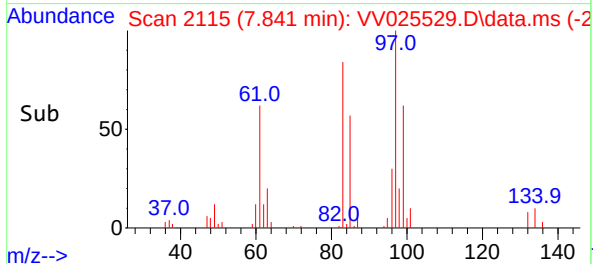
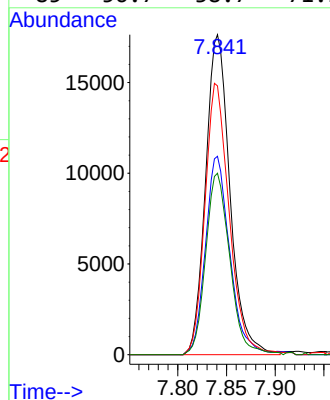
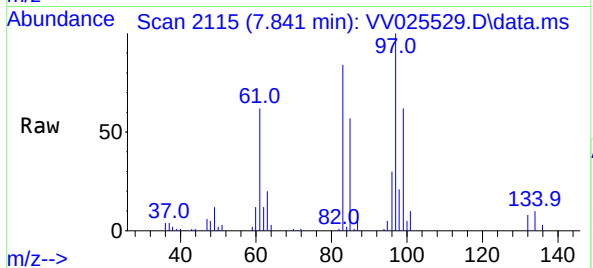


#45
1,1,2-Trichloroethane
Concen: 8.059 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

Instrument :
MSVOA_V
ClientSampleId :
YAZ18MSD

Tgt Ion: 97 Resp: 30735

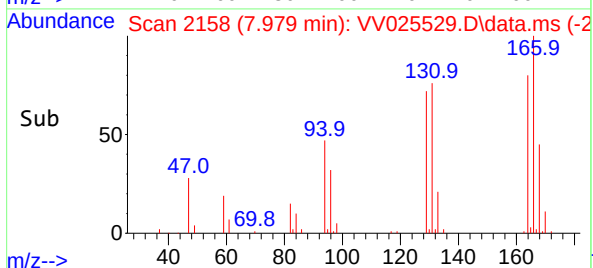
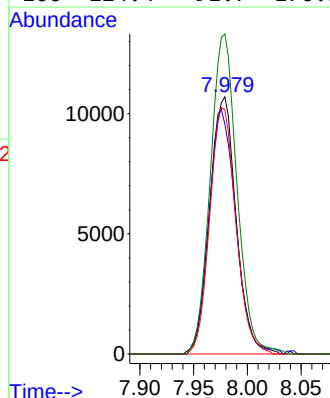
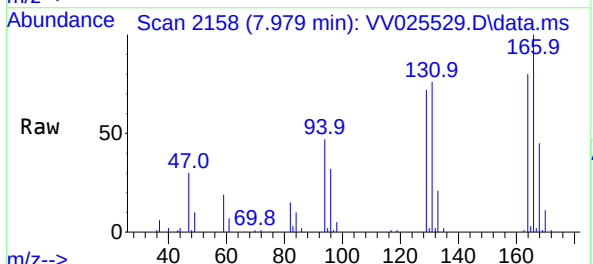
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.8	81.4
83	84.0	60.3	112.1
85	56.7	38.7	71.9

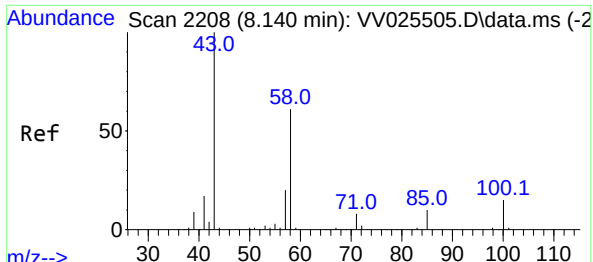


#47
Tetrachloroethene
Concen: 3.578 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

Tgt Ion: 164 Resp: 18310

Ion	Ratio	Lower	Upper
164	100		
129	89.4	66.8	124.2
131	95.0	66.4	123.4
166	124.4	91.7	170.3



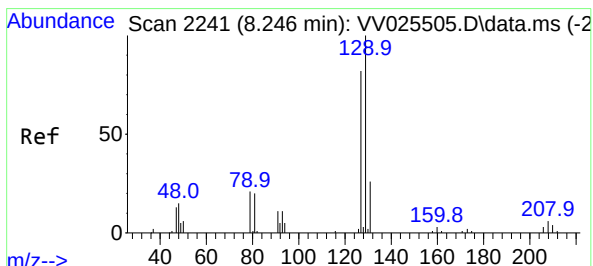
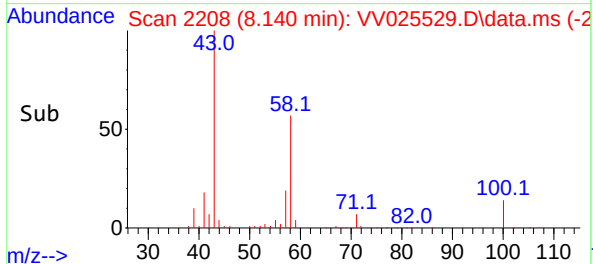
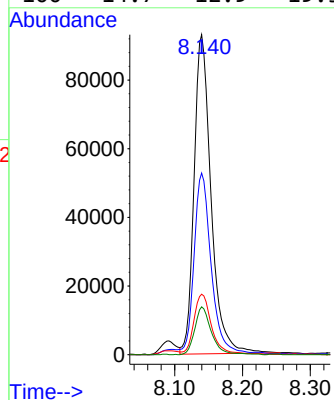
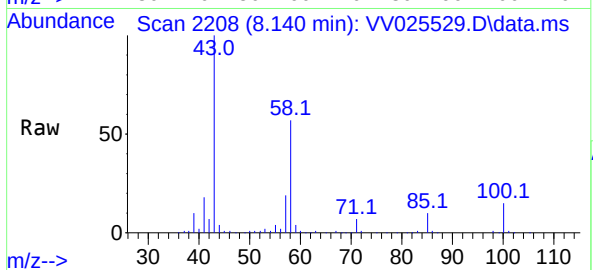


#48
2-Hexanone
Concen: 101.990 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

Instrument :
MSVOA_V
ClientSampleId :
YAZ18MSD

Tgt Ion: 43 Resp: 162084

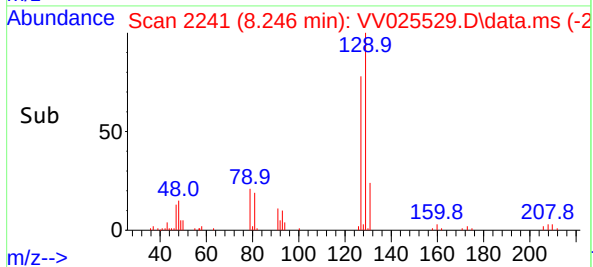
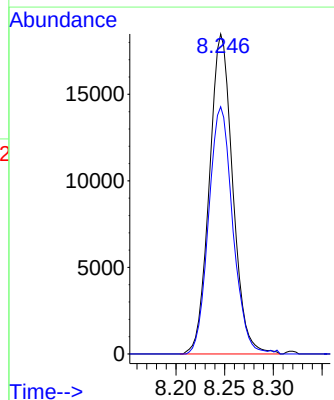
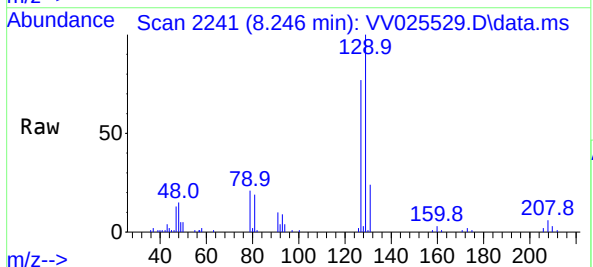
Ion	Ratio	Lower	Upper
43	100		
58	55.9	49.7	74.5
57	19.0	16.4	24.6
100	14.7	12.9	19.3

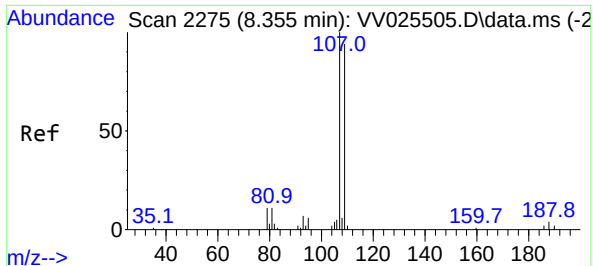


#49
Dibromochloromethane
Concen: 7.366 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

Tgt Ion: 129 Resp: 30840

Ion	Ratio	Lower	Upper
129	100		
127	77.3	53.8	100.0

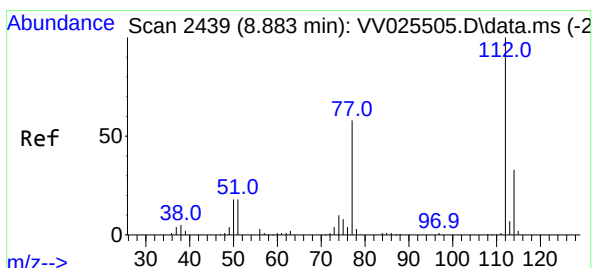
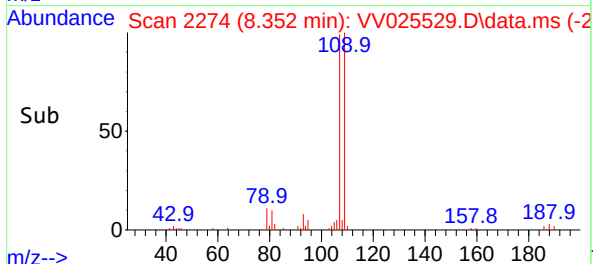
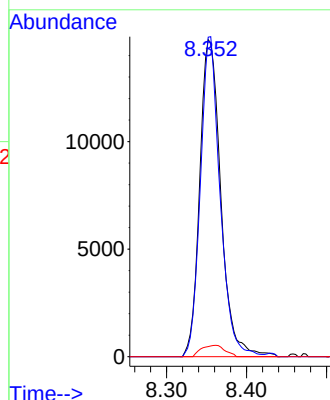
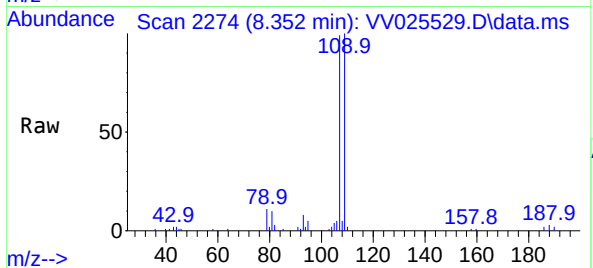




#50
1,2-Dibromoethane
Concen: 7.552 ug/L
RT: 8.352 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

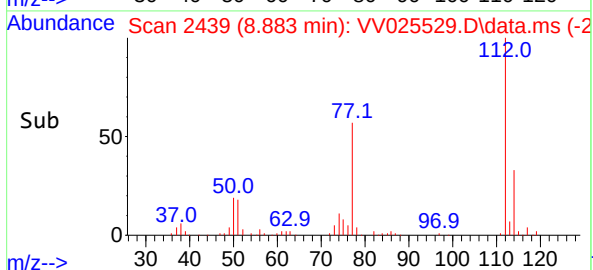
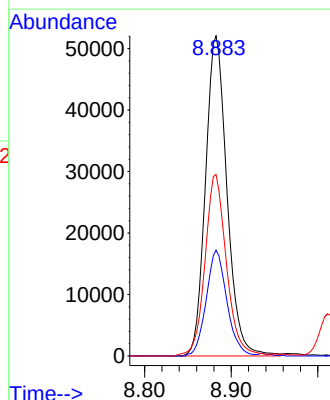
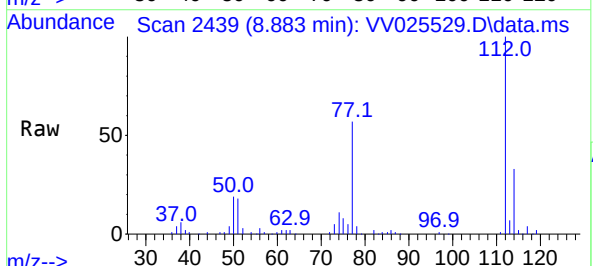
Instrument :
MSVOA_V
ClientSampleId :
YAZ18MSD

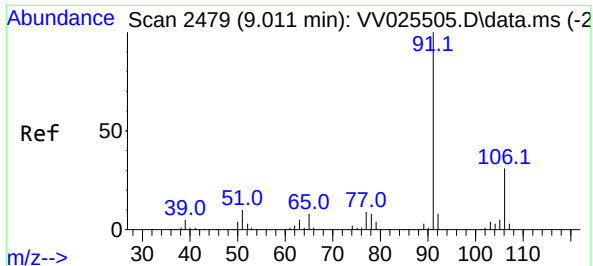
Tgt Ion:	107	Resp:	27054
Ion	Ratio	Lower	Upper
107	100		
109	100.8	65.9	122.3
188	3.2	2.7	4.1



#51
Chlorobenzene
Concen: 5.248 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

Tgt Ion:	112	Resp:	89743
Ion	Ratio	Lower	Upper
112	100		
114	33.0	22.4	41.6
77	56.7	43.7	65.5

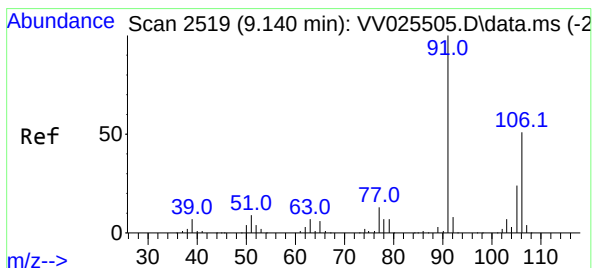
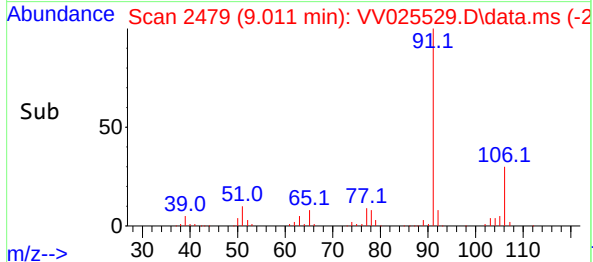
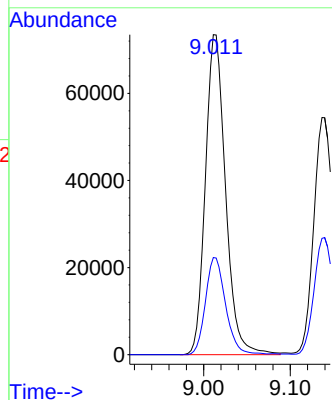
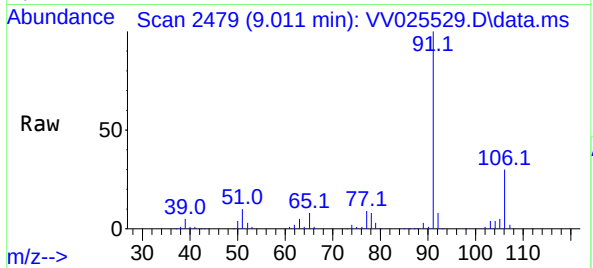




#52
Ethylbenzene
Concen: 4.159 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

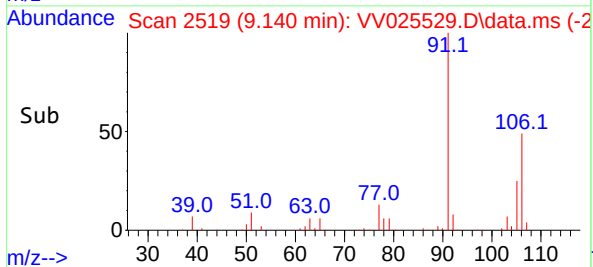
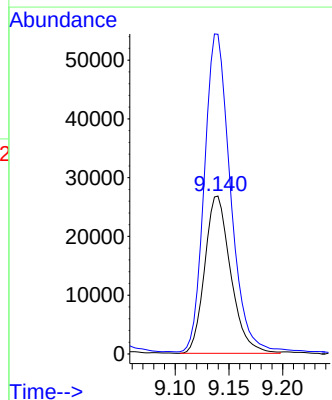
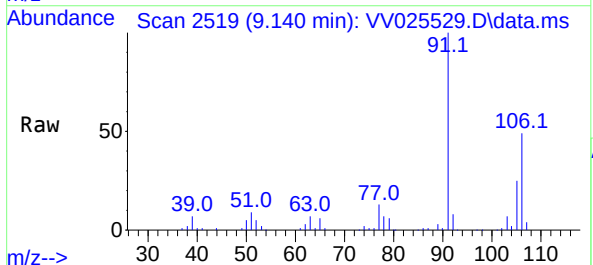
Instrument :
MSVOA_V
ClientSampleId :
YAZ18MSD

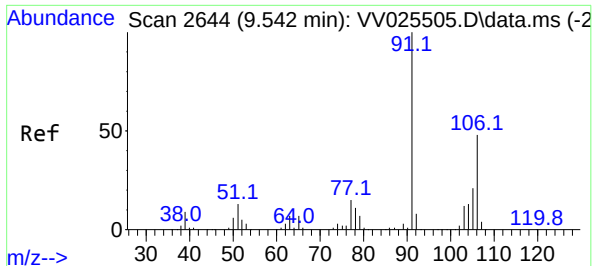
Tgt Ion: 91 Resp: 118798
Ion Ratio Lower Upper
91 100
106 30.4 22.3 41.3



#53
m,p-Xylene
Concen: 4.151 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

Tgt Ion: 106 Resp: 45079
Ion Ratio Lower Upper
106 100
91 202.3 136.4 253.4

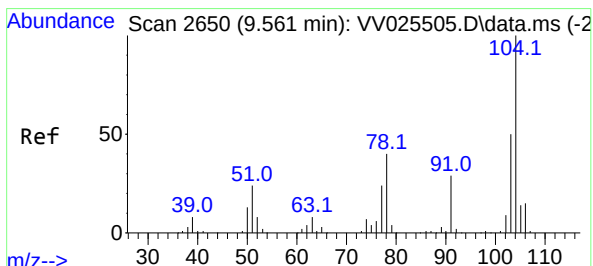
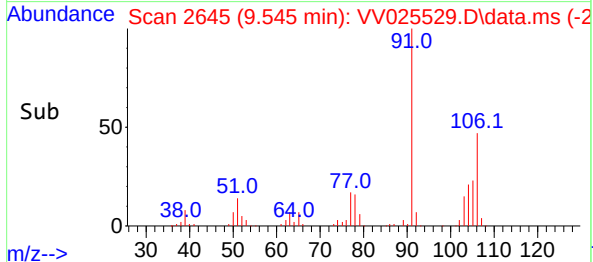
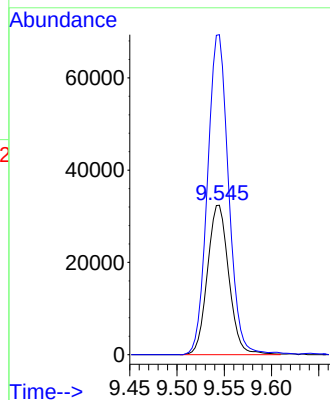
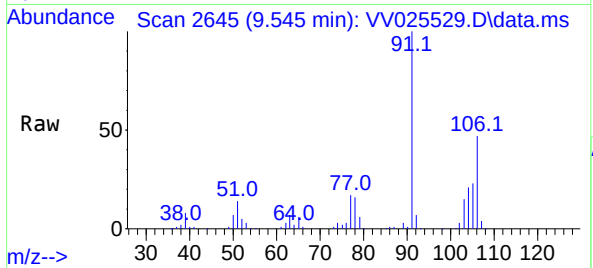




#54
o-Xylene
Concen: 4.839 ug/L
RT: 9.545 min Scan# 2644
Delta R.T. 0.003 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

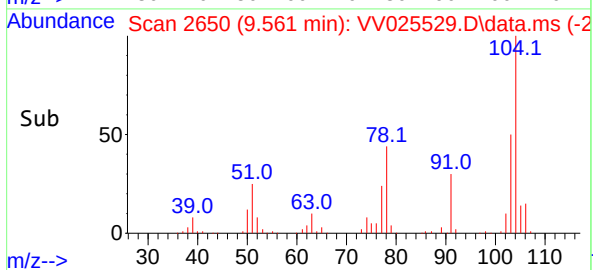
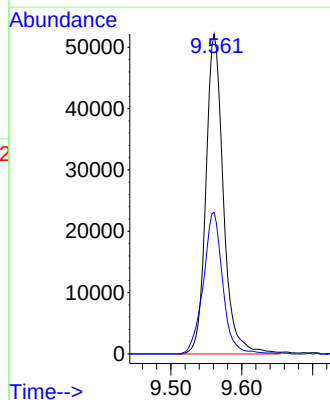
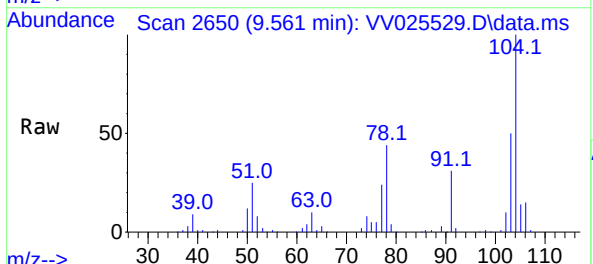
Instrument :
MSVOA_V
ClientSampleId :
YAZ18MSD

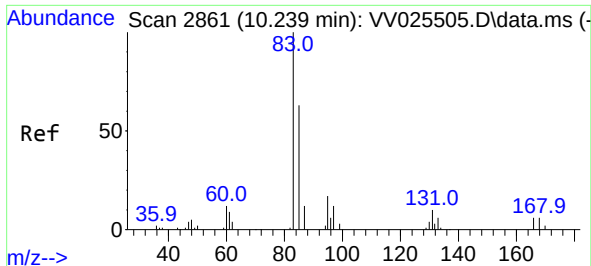
Tgt Ion:106 Resp: 51039
Ion Ratio Lower Upper
106 100
91 214.2 150.4 279.2



#55
Styrene
Concen: 5.198 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

Tgt Ion:104 Resp: 89153
Ion Ratio Lower Upper
104 100
78 44.2 28.3 52.7

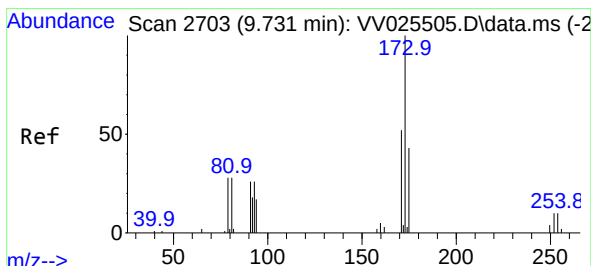
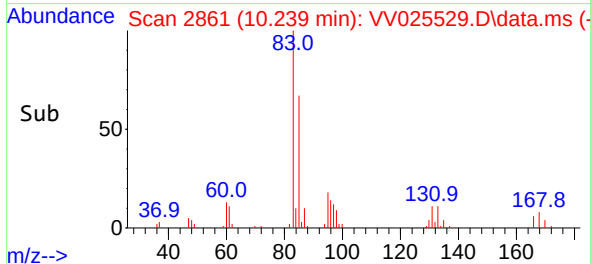
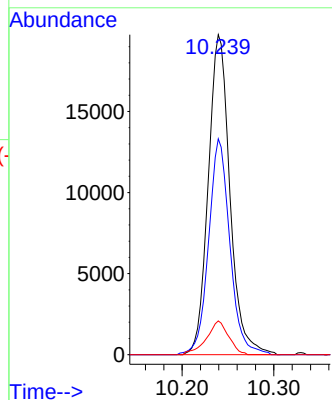
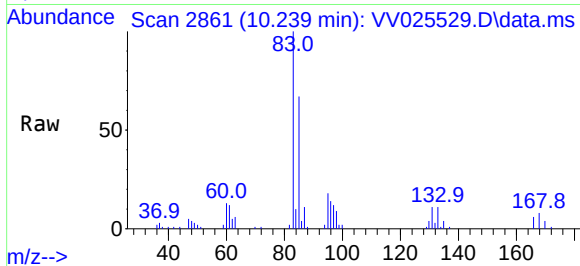




#57
1,1,2-Tetrachloroethane
Concen: 8.518 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

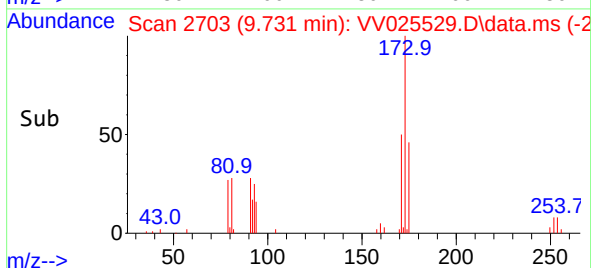
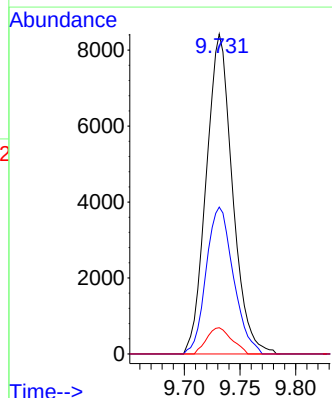
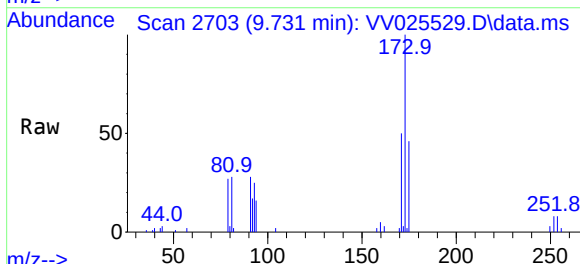
Instrument :
MSVOA_V
ClientSampleId :
YAZ18MSD

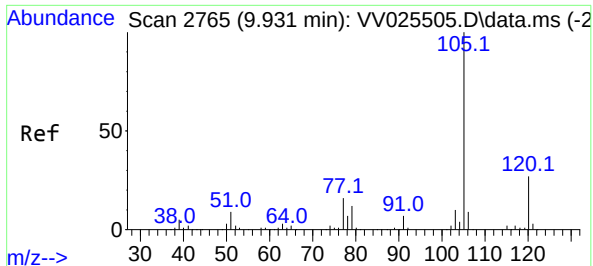
Tgt Ion: 83 Resp: 32460
Ion Ratio Lower Upper
83 100
85 67.4 45.1 83.9
131 10.6 7.9 11.9



#59
Bromoform
Concen: 7.983 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

Tgt Ion: 173 Resp: 13814
Ion Ratio Lower Upper
173 100
175 47.6 40.8 61.2
254 7.8 7.0 10.6

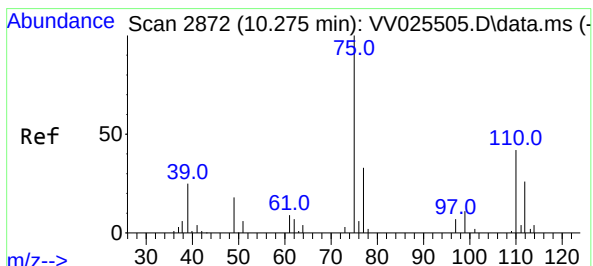
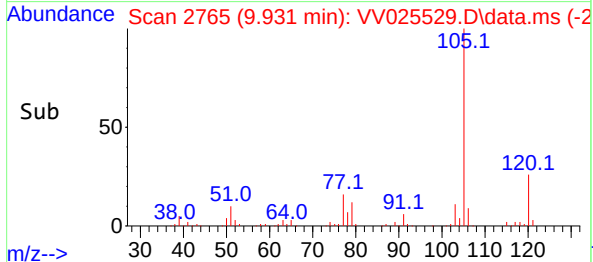
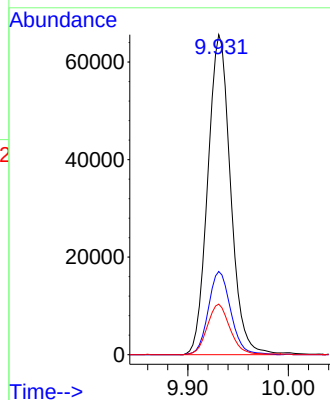
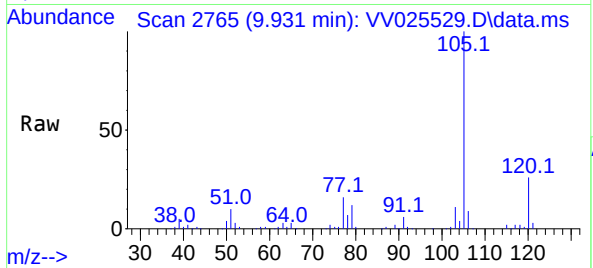




#60
Isopropylbenzene
Concen: 3.981 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

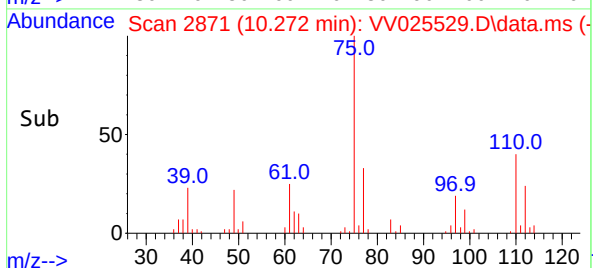
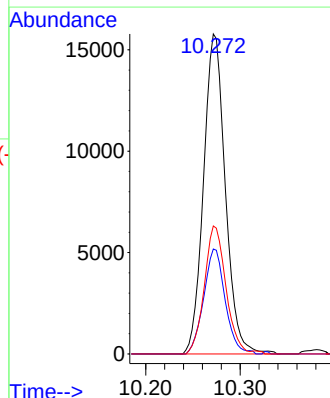
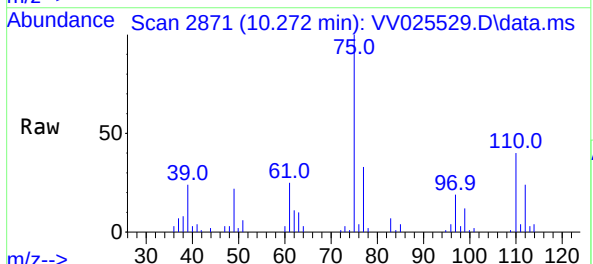
Instrument :
MSVOA_V
ClientSampleId :
YAZ18MSD

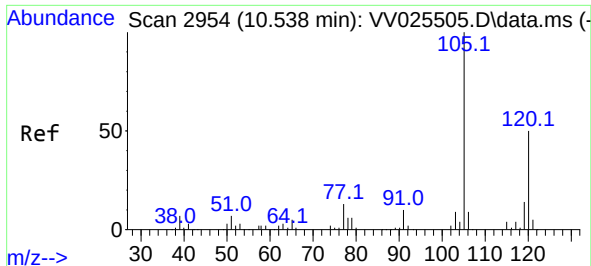
Tgt Ion:105 Resp: 103301
Ion Ratio Lower Upper
105 100
120 25.6 21.2 31.8
77 15.8 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 9.162 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

Tgt Ion: 75 Resp: 25294
Ion Ratio Lower Upper
75 100
77 32.3 25.6 38.4
110 39.4 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 4.078 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV025529.D

Acq: 14 Apr 2022 06:25

Instrument :

MSVOA_V

ClientSampleId :

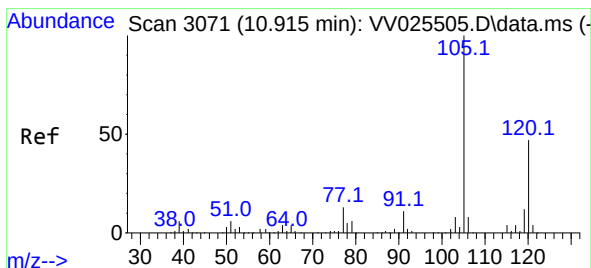
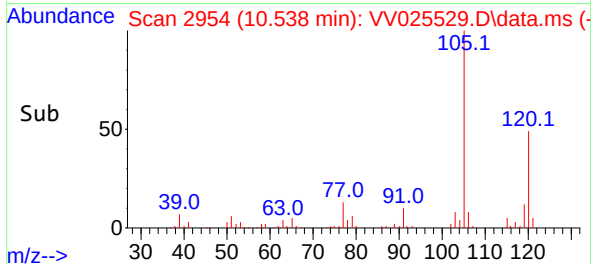
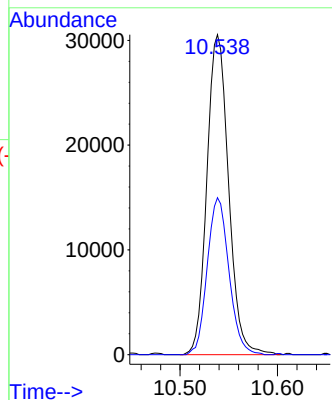
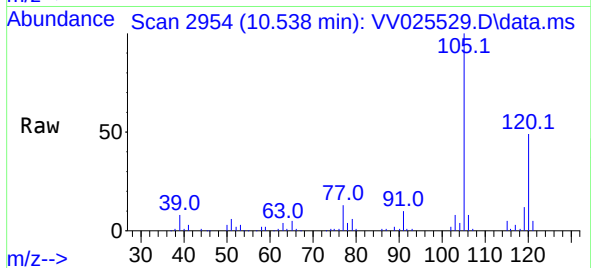
YAZ18MSD

Tgt Ion:105 Resp: 47187

Ion Ratio Lower Upper

105 100

120 49.1 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 4.285 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV025529.D

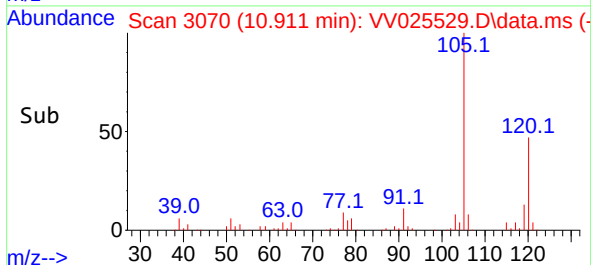
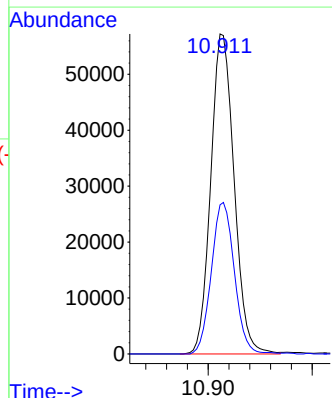
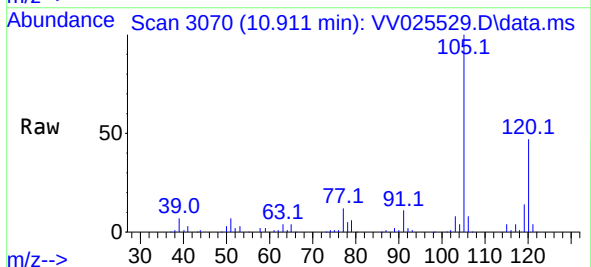
Acq: 14 Apr 2022 06:25

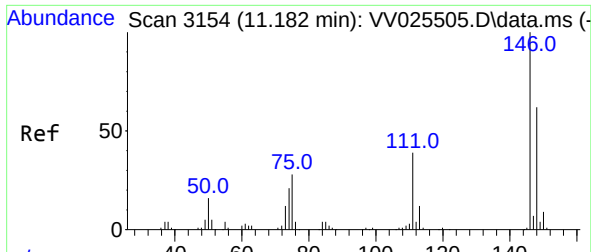
Tgt Ion:105 Resp: 89328

Ion Ratio Lower Upper

105 100

120 46.6 36.6 55.0

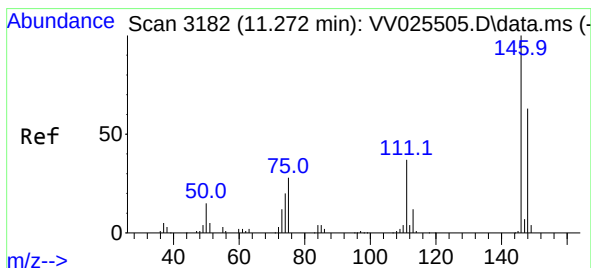
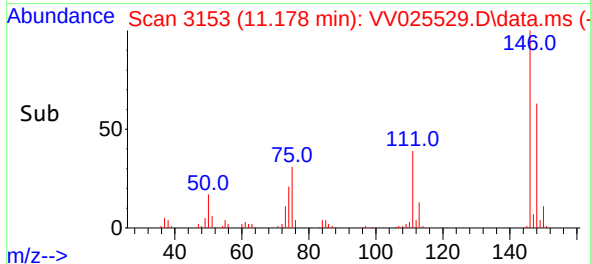
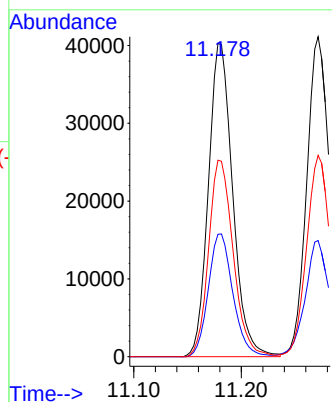
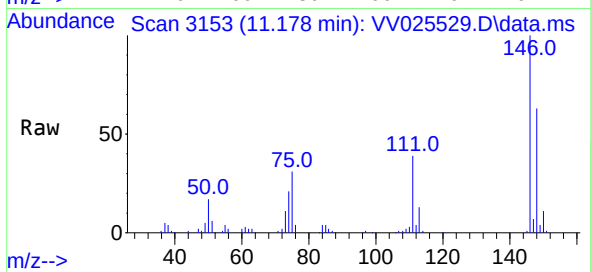




#64
1,3-Dichlorobenzene
Concen: 5.221 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.003 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

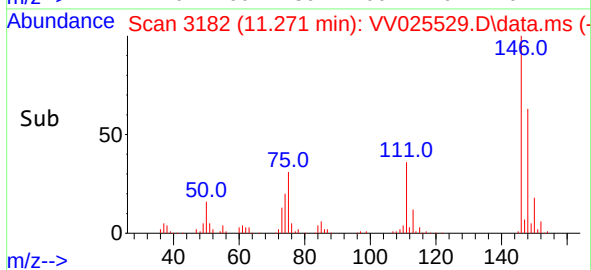
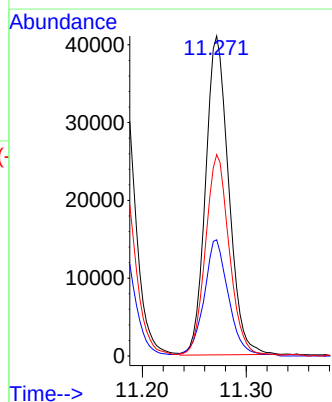
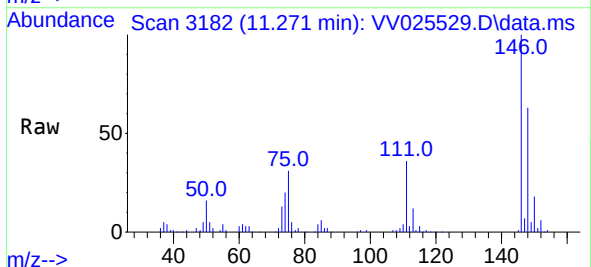
Instrument :
MSVOA_V
ClientSampleId :
YAZ18MSD

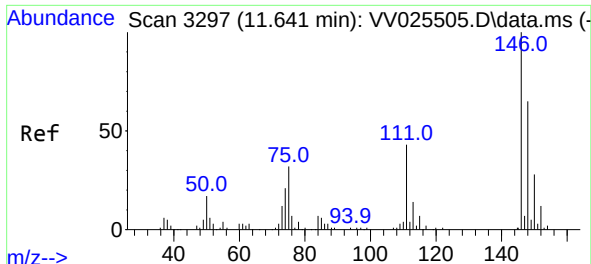
Tgt Ion:146 Resp: 63237
Ion Ratio Lower Upper
146 100
111 39.1 27.4 50.8
148 62.7 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 5.150 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

Tgt Ion:146 Resp: 63322
Ion Ratio Lower Upper
146 100
111 36.3 26.7 49.7
148 62.9 42.8 79.6



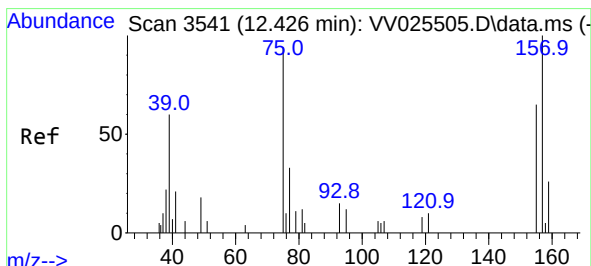
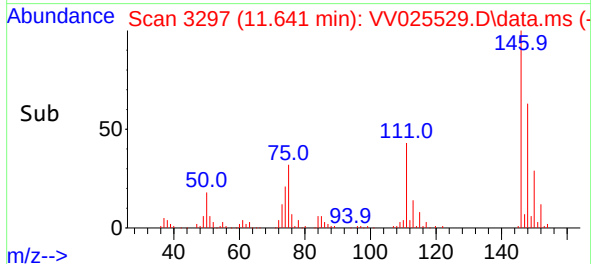
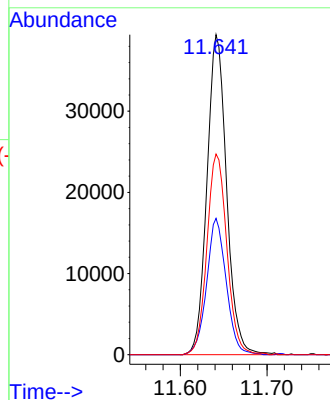
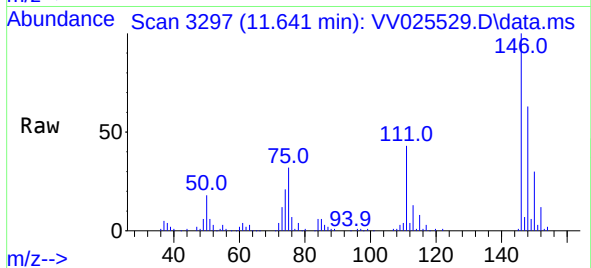


#67
1,2-Dichlorobenzene
Concen: 5.793 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

Instrument : MSVOA_V
ClientSampleId : YAZ18MSD

Tgt Ion:146 Resp: 62132

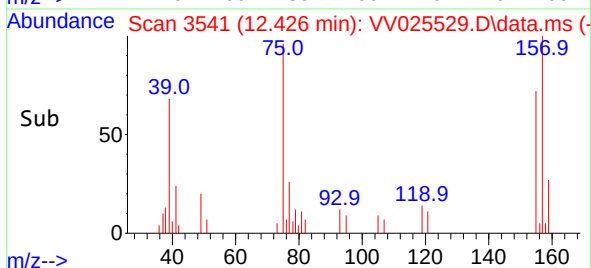
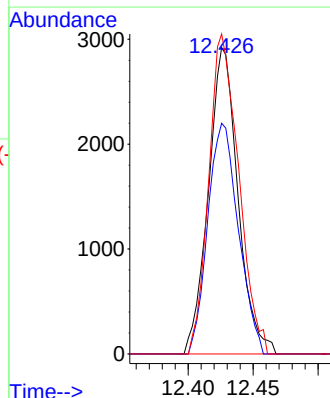
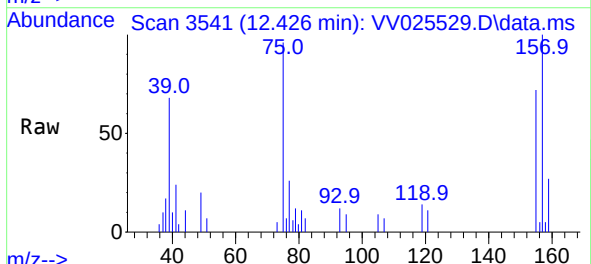
Ion	Ratio	Lower	Upper
146	100		
111	42.6	33.6	50.4
148	62.7	50.0	75.0

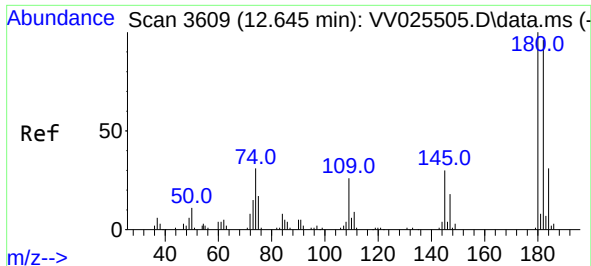


#68
1,2-Dibromo-3-chloropropane
Concen: 9.677 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

Tgt Ion: 75 Resp: 4619

Ion	Ratio	Lower	Upper
75	100		
155	75.3	65.8	98.8
157	104.4	86.6	130.0



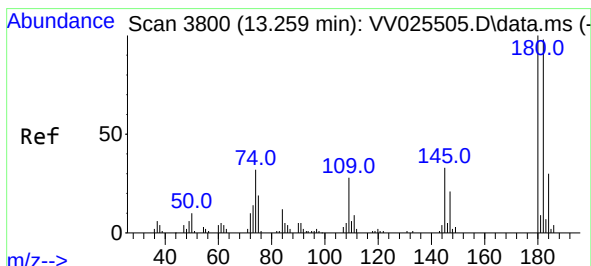
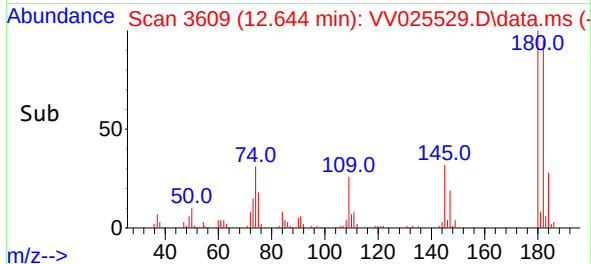
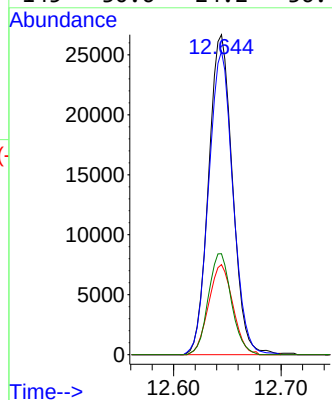
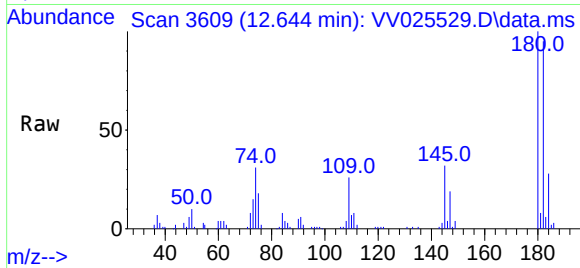


#69
 1,3,5-Trichlorobenzene
 Concen: 4.471 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV025529.D
 Acq: 14 Apr 2022 06:25

Instrument :
 MSVOA_V
 ClientSampleId :
 YAZ18MSD

Tgt Ion:180 Resp: 41203

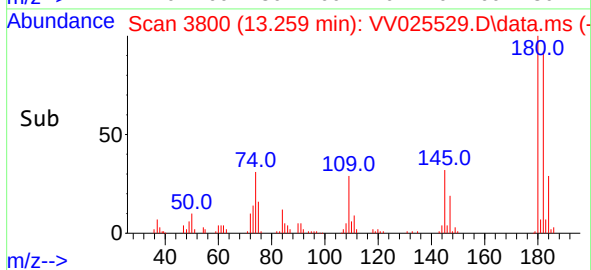
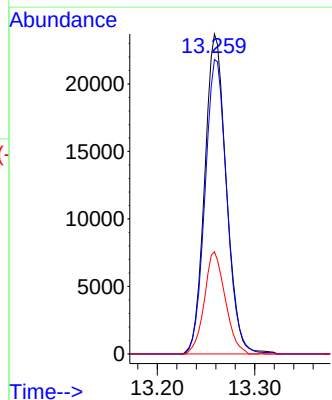
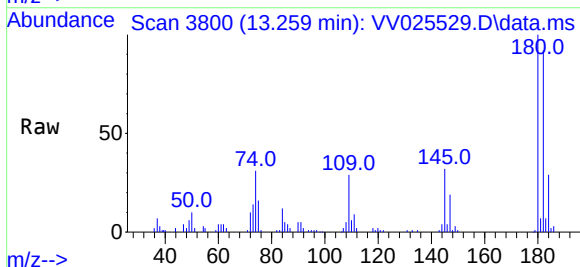
Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.3	112.9
184	28.5	23.4	35.2
145	30.6	24.2	36.4

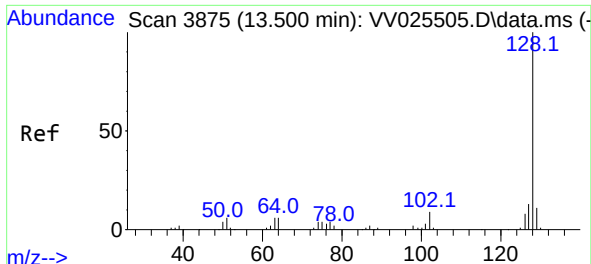


#70
 1,2,4-trichlorobenzene
 Concen: 5.142 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV025529.D
 Acq: 14 Apr 2022 06:25

Tgt Ion:180 Resp: 36524

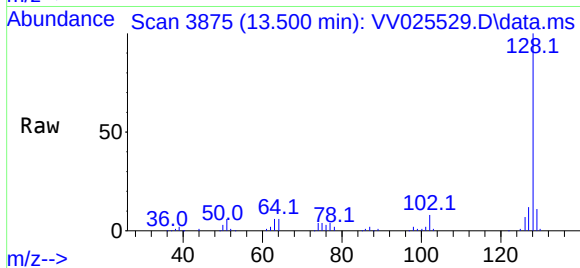
Ion	Ratio	Lower	Upper
180	100		
182	93.0	76.6	114.8
145	30.8	24.6	36.8





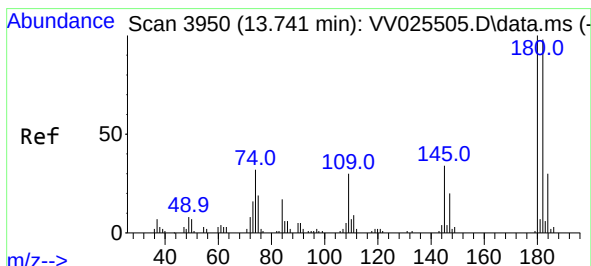
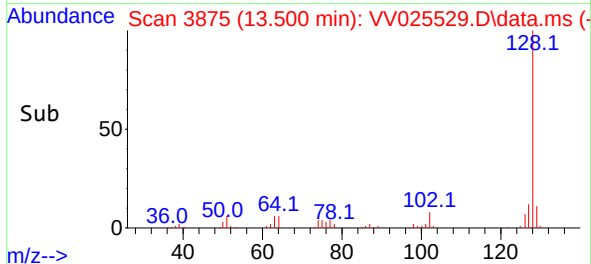
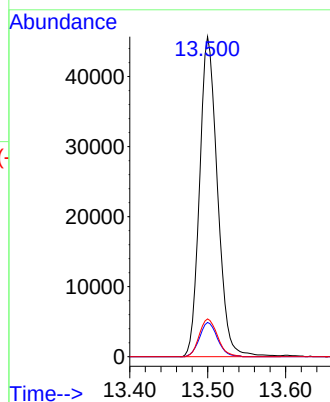
#71
Naphthalene
Concen: 6.987 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

Instrument :
MSVOA_V
ClientSampleId :
YAZ18MSD



Tgt Ion:128 Resp: 72809

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	12.1	10.4	15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.861 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV025529.D
Acq: 14 Apr 2022 06:25

Tgt Ion:180 Resp: 34475

Ion	Ratio	Lower	Upper
180	100		
182	94.7	77.7	116.5
145	33.6	27.4	41.2

