

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
 Data File : VV028241.D
 Acq On : 30 Sep 2022 21:08
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005313

Quant Time: Sep 30 23:04:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	158290	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	166352	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	91504	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	67912	4.138	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.561	69	60056	4.603	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.101	63	122717	4.312	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	3.899	46	130168	46.984	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.960%
24) Chloroform-d	4.339	84	124015	4.736	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.027	65	55465	4.451	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	5.043	84	246627	4.522	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.063	67	65660	3.861	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.200%
41) Toluene-d8	7.310	98	219086	4.437	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	7.619	79	24226	3.944	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.085	63	115778	45.161	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.320%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	50009	4.302	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	85790	4.780	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	53635	4.537	ug/L	93
3) Chloromethane	1.236	50	47402	3.028	ug/L	100
5) Vinyl chloride	1.304	62	57807	4.709	ug/L	98
6) Bromomethane	1.516	94	26215	3.280	ug/L	99
8) Chloroethane	1.577	64	39745	4.829	ug/L	88
9) Trichlorofluoromethane	1.748	101	100453	5.154	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	60361	5.374	ug/L	96
12) 1,1-Dichloroethene	2.111	96	53609	4.901	ug/L	78
13) Acetone	2.195	43	88000	41.237	ug/L	98
14) Carbon disulfide	2.285	76	99311	4.731	ug/L	98
15) Methyl Acetate	2.436	43	18754	4.527	ug/L #	78
16) Methylene chloride	2.500	84	65434	5.358	ug/L	89
17) Methyl tert-butyl Ether	2.764	73	130173	5.532	ug/L	97
18) trans-1,2-Dichloroethene	2.751	96	51275	5.355	ug/L	98
19) 1,1-Dichloroethane	3.182	63	109970	5.264	ug/L	98
21) 2-Butanone	3.982	43	116700	44.172	ug/L	92
22) cis-1,2-Dichloroethene	3.902	96	61320	4.880	ug/L	96
23) Bromochloromethane	4.243	128	27808	5.527	ug/L #	80
25) Chloroform	4.368	83	117245	5.230	ug/L	99

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Instrument :
 MSVOA_V
 ClientSampleId :
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Quant Time: Sep 30 23:04:00 2022
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 Quant Title : TRACE VOA SFAM1.0
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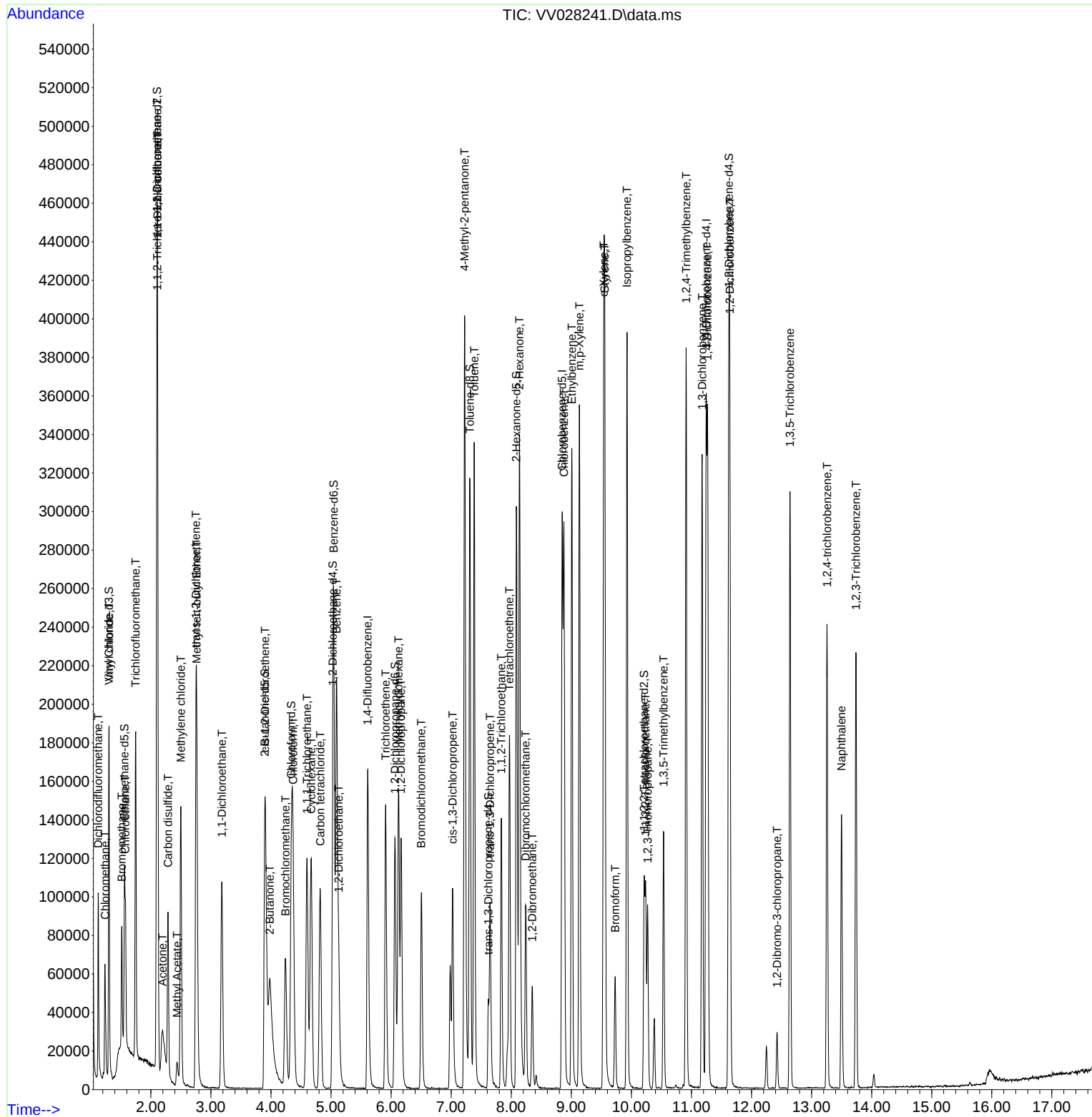
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	58806	4.920	ug/L #	90
29) 1,1,1-Trichloroethane	4.600	97	98698	4.829	ug/L	97
30) Cyclohexane	4.670	56	62244	4.211	ug/L	88
31) Carbon tetrachloride	4.821	117	81636	4.854	ug/L	100
33) Benzene	5.092	78	221021	4.785	ug/L	100
34) Trichloroethene	5.908	95	52774	4.590	ug/L	94
35) Methylcyclohexane	6.124	83	64196	4.071	ug/L	94
37) 1,2-Dichloropropane	6.165	63	52962	4.090	ug/L #	97
38) Bromodichloromethane	6.503	83	72041	4.506	ug/L #	94
39) cis-1,3-Dichloropropene	7.024	75	68196	4.240	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	267566	42.547	ug/L #	93
42) Toluene	7.384	91	240883	4.999	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	59974	4.335	ug/L	94
45) 1,1,2-Trichloroethane	7.834	97	43624	5.025	ug/L	96
47) Tetrachloroethene	7.969	164	44590	4.858	ug/L	99
48) 2-Hexanone	8.136	43	213843	44.793	ug/L #	94
49) Dibromochloromethane	8.239	129	49527	4.745	ug/L	99
50) 1,2-Dibromoethane	8.349	107	36453	4.832	ug/L	98
51) Chlorobenzene	8.876	112	166415	5.149	ug/L	99
52) Ethylbenzene	9.008	91	237848	4.666	ug/L	97
53) m,p-Xylene	9.136	106	105666	5.409	ug/L	96
54) o-Xylene	9.538	106	93277	4.835	ug/L	98
55) Styrene	9.558	104	168566	5.043	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.236	83	49975	4.941	ug/L	99
59) Bromoform	9.731	173	27952	4.811	ug/L	97
60) Isopropylbenzene	9.927	105	255466	4.756	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	36916	4.810	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	69361	4.585	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	211193	4.994	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	142867	5.346	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	140167	5.242	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	133442	5.286	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	7344	4.366	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	103790	4.906	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	82188	4.858	ug/L	98
71) Naphthalene	13.496	128	120738	4.358	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	75820	4.955	ug/L	98

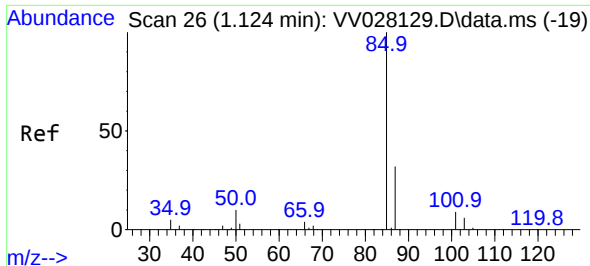
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Instrument :
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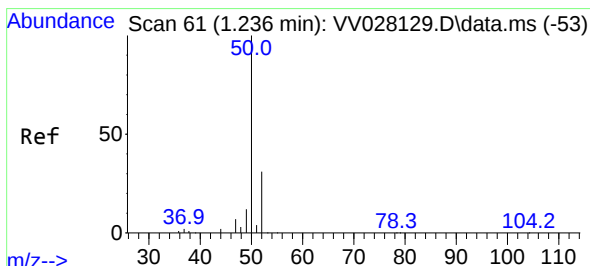
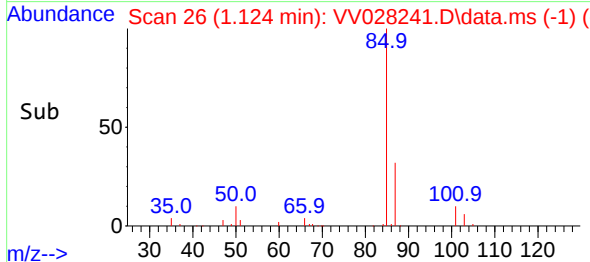
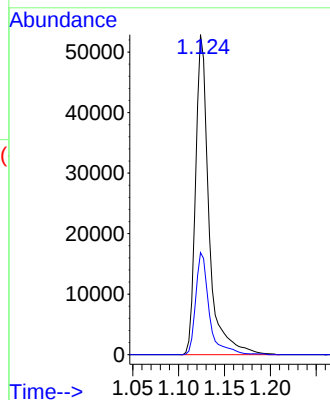
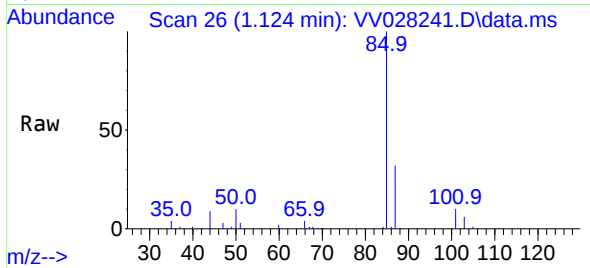




#2
Dichlorodifluoromethane
Concen: 4.537 ug/L
RT: 1.124 min Scan# 26
Delta R.T. -0.000 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

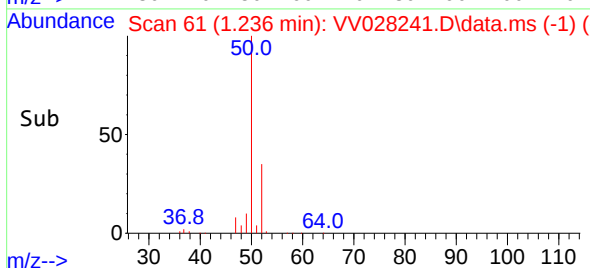
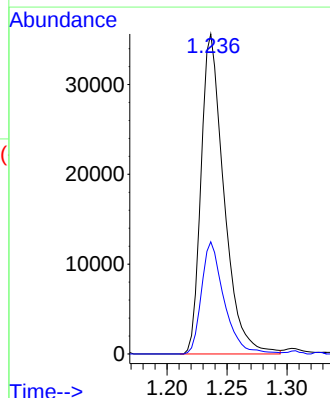
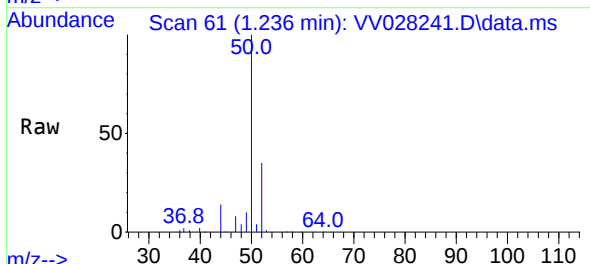
Instrument : MSVOA_V
ClientSampleId : VSTD005313

Tgt Ion: 85 Resp: 53635
Ion Ratio Lower Upper
85 100
87 32.5 22.8 34.2

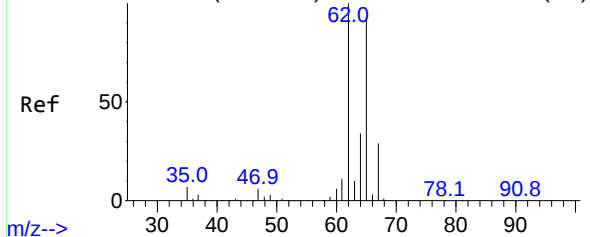


#3
Chloromethane
Concen: 3.028 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

Tgt Ion: 50 Resp: 47402
Ion Ratio Lower Upper
50 100
52 35.0 24.4 45.2



Abundance Scan 82 (1.304 min): VV028129.D\data.ms (-74)



#5

Vinyl chloride

Concen: 4.709 ug/L

RT: 1.304 min Scan# 81

Delta R.T. -0.000 min

Lab File: VV028241.D

Acq: 30 Sep 2022 21:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD005313

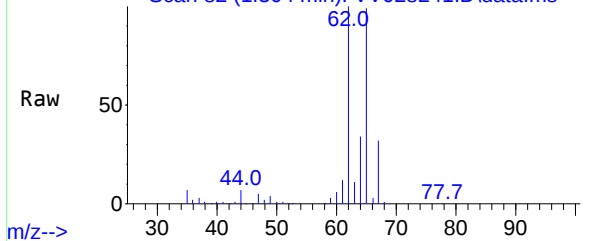
Tgt Ion: 62 Resp: 57807

Ion Ratio Lower Upper

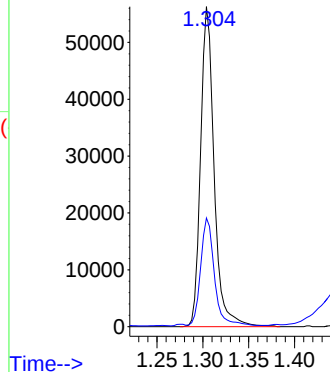
62 100

64 34.0 23.0 42.8

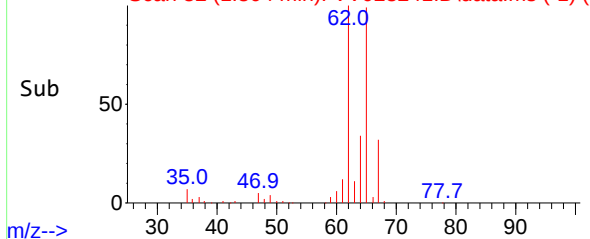
Abundance Scan 82 (1.304 min): VV028241.D\data.ms



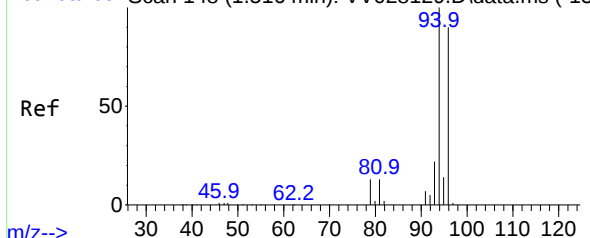
Abundance



Abundance Scan 82 (1.304 min): VV028241.D\data.ms (-1)



Abundance Scan 148 (1.516 min): VV028129.D\data.ms (-13)



#6

Bromomethane

Concen: 3.280 ug/L

RT: 1.516 min Scan# 148

Delta R.T. -0.000 min

Lab File: VV028241.D

Acq: 30 Sep 2022 21:08

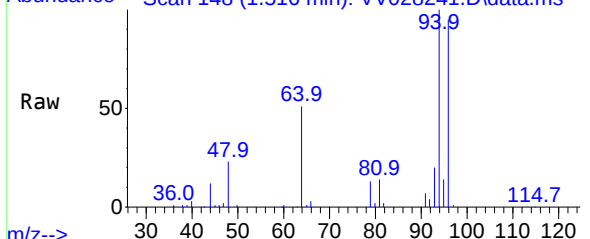
Tgt Ion: 94 Resp: 26215

Ion Ratio Lower Upper

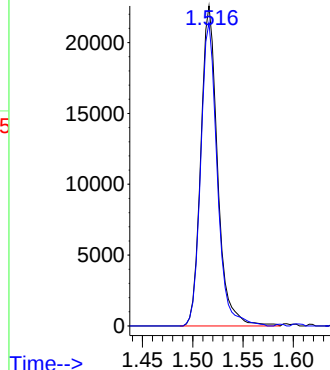
94 100

96 94.8 66.7 123.9

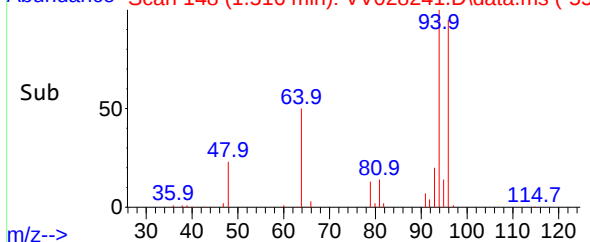
Abundance Scan 148 (1.516 min): VV028241.D\data.ms

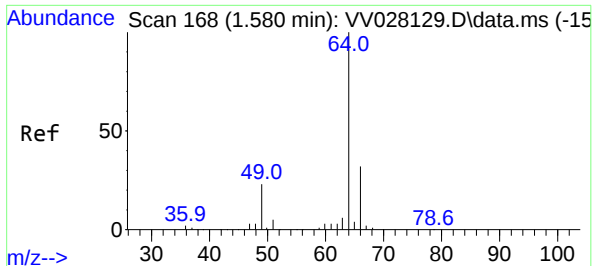


Abundance



Abundance Scan 148 (1.516 min): VV028241.D\data.ms (-55)

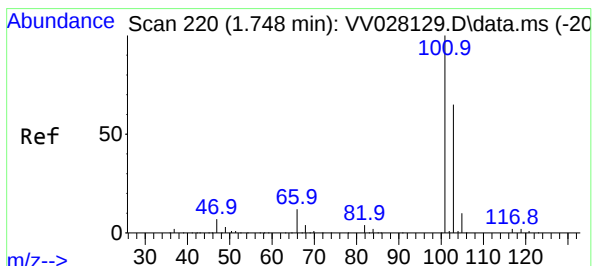
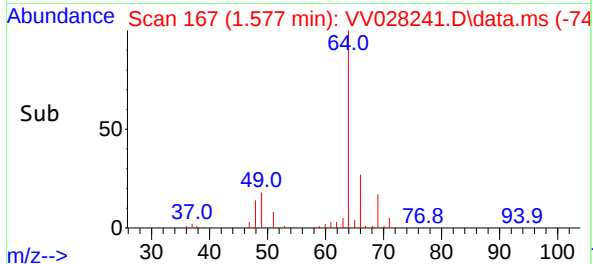
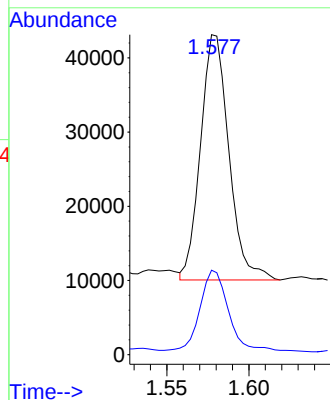
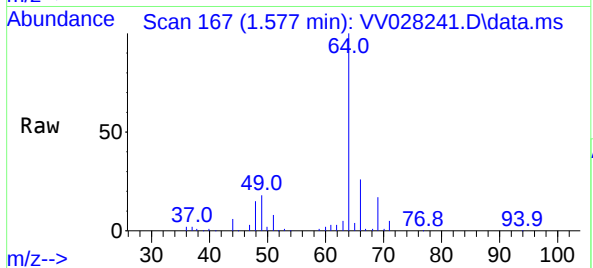




#8
Chloroethane
Concen: 4.829 ug/L
RT: 1.577 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

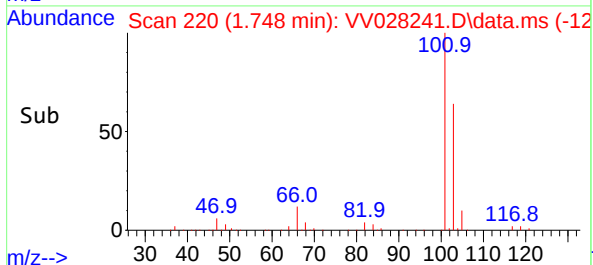
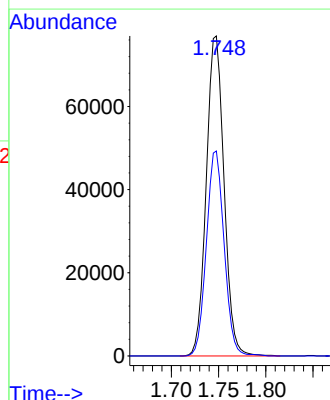
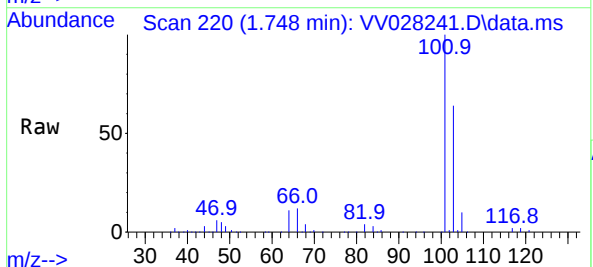
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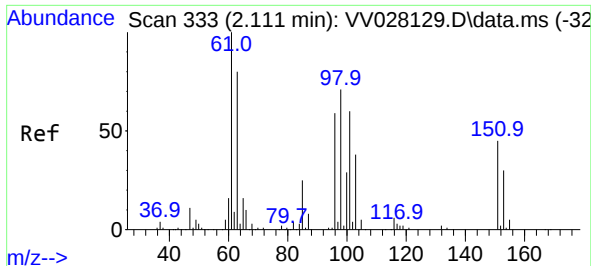
Tgt Ion: 64 Resp: 39745
Ion Ratio Lower Upper
64 100
66 26.4 23.0 42.8



#9
Trichlorofluoromethane
Concen: 5.154 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.003 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

Tgt Ion:101 Resp: 100453
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.0

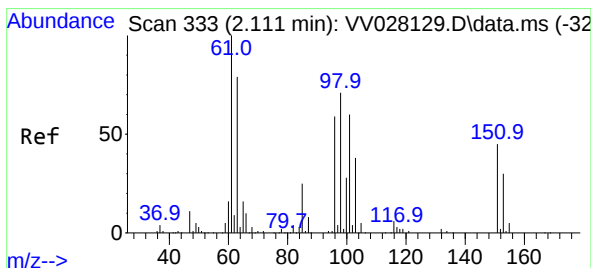
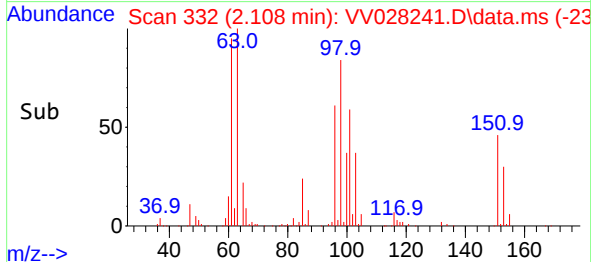
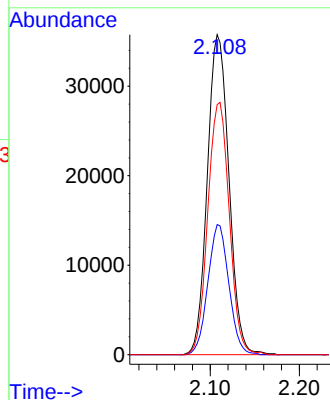
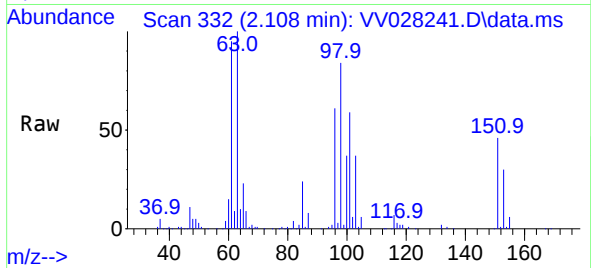




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.374 ug/L
RT: 2.108 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

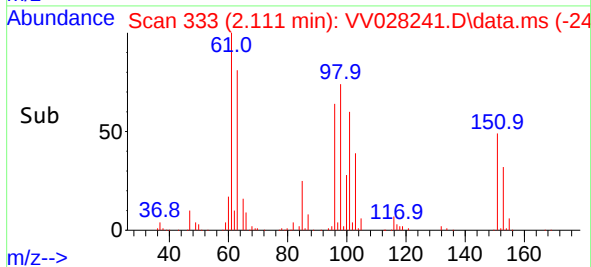
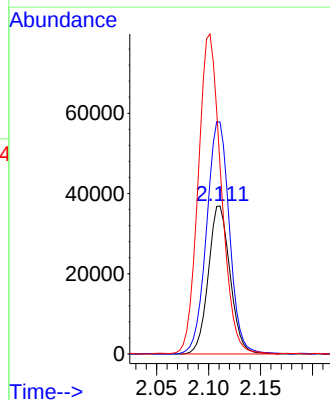
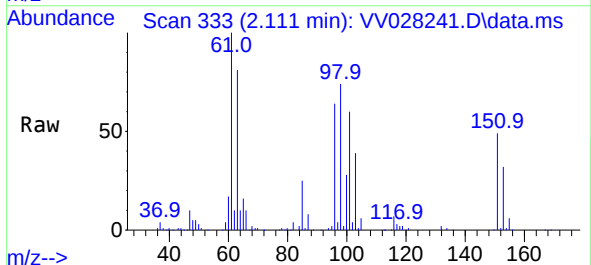
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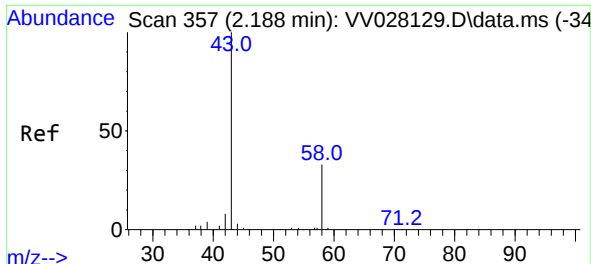
Tgt Ion:101 Resp: 60361
Ion Ratio Lower Upper
101 100
85 39.4 34.4 51.6
151 78.4 61.1 91.7



#12
1,1-Dichloroethene
Concen: 4.901 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.000 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

Tgt Ion: 96 Resp: 53609
Ion Ratio Lower Upper
96 100
61 156.6 128.3 238.3
63 127.2 112.7 209.3





#13

Acetone

Concen: 41.237 ug/L

RT: 2.195 min Scan# 3

Delta R.T. 0.006 min

Lab File: VV028241.D

Acq: 30 Sep 2022 21:08

Instrument :

MSVOA_V

ClientSampleId :

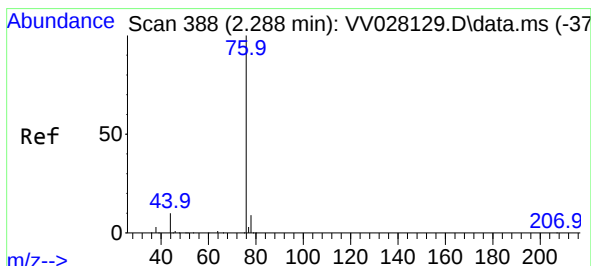
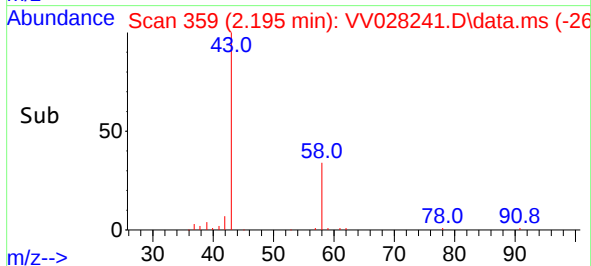
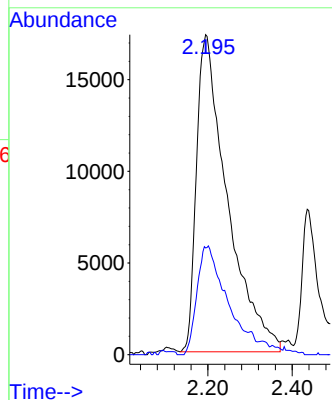
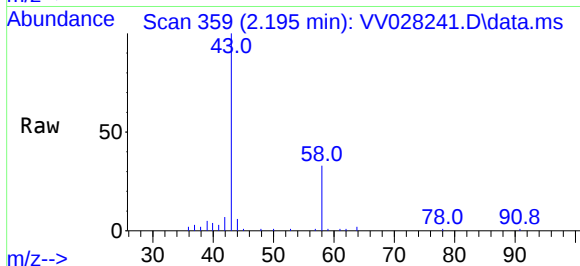
VSTD005313

Tgt Ion: 43 Resp: 88000

Ion Ratio Lower Upper

43 100

58 31.9 0.0 65.6



#14

Carbon disulfide

Concen: 4.731 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.000 min

Lab File: VV028241.D

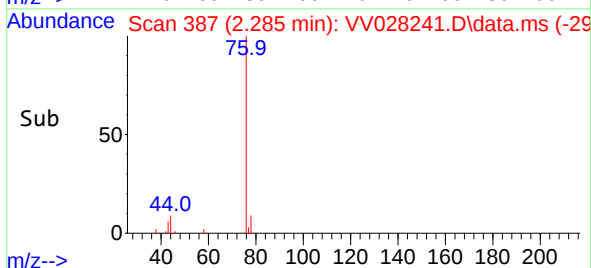
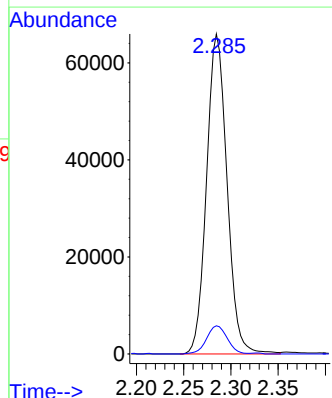
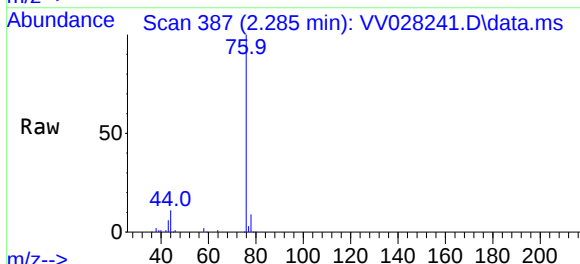
Acq: 30 Sep 2022 21:08

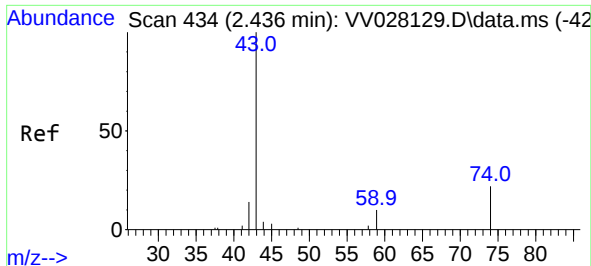
Tgt Ion: 76 Resp: 99311

Ion Ratio Lower Upper

76 100

78 8.8 7.6 11.4

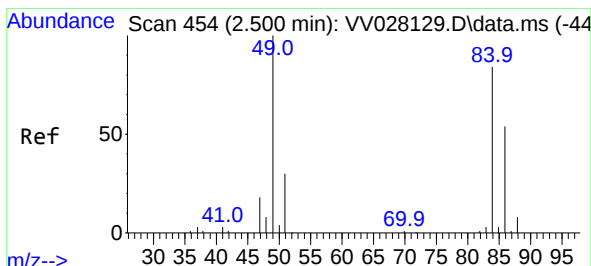
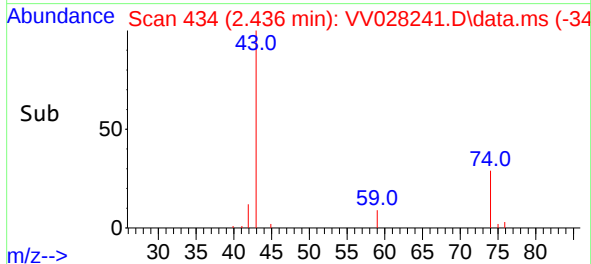
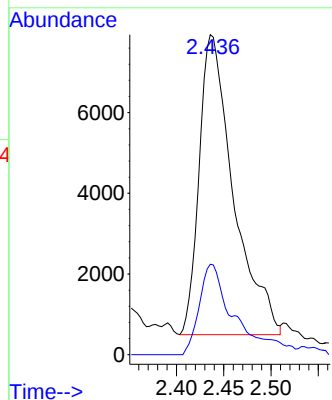
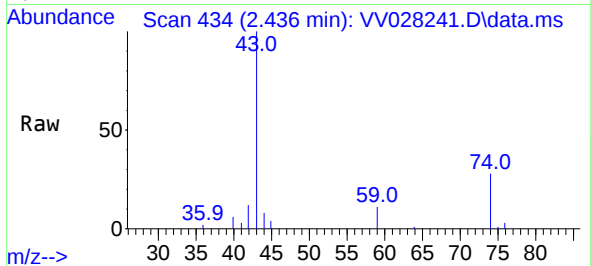




#15
Methyl Acetate
Concen: 4.527 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

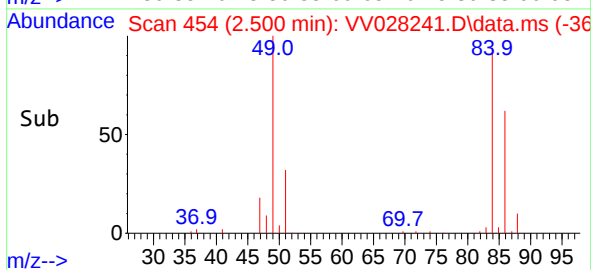
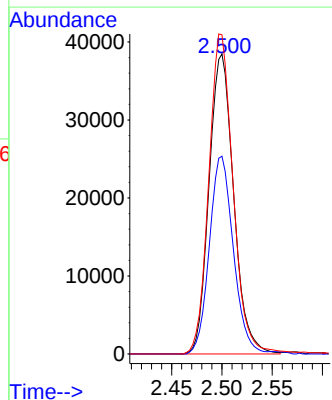
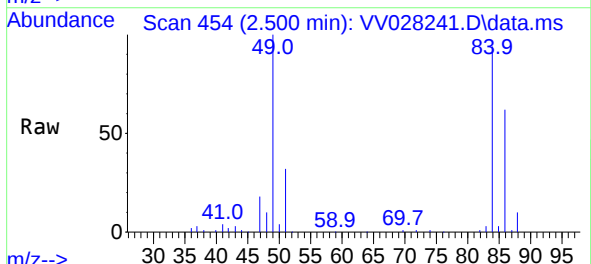
Instrument :
MSVOA_V
ClientSampleId :
VSTD005313

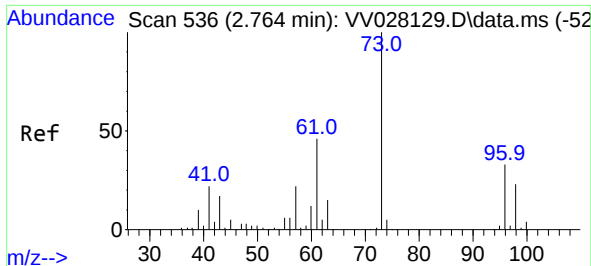
Tgt Ion: 43 Resp: 18754
Ion Ratio Lower Upper
43 100
74 31.2 16.9 25.3#



#16
Methylene chloride
Concen: 5.358 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

Tgt Ion: 84 Resp: 65434
Ion Ratio Lower Upper
84 100
86 66.0 46.8 86.8
49 106.4 87.5 162.5

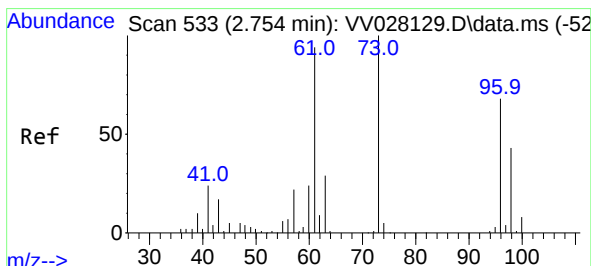
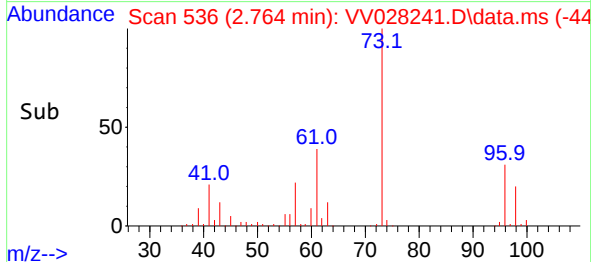
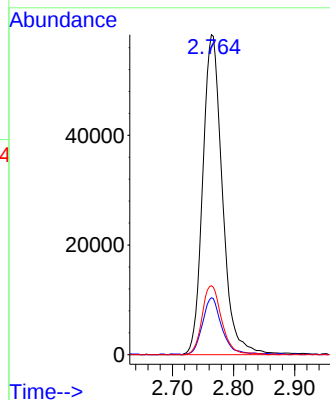
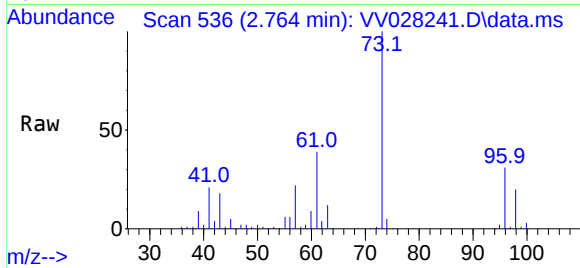




#17
Methyl tert-butyl Ether
Concen: 5.532 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

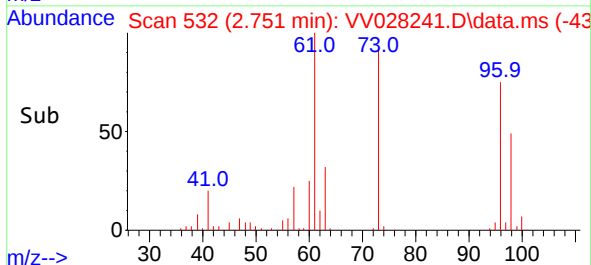
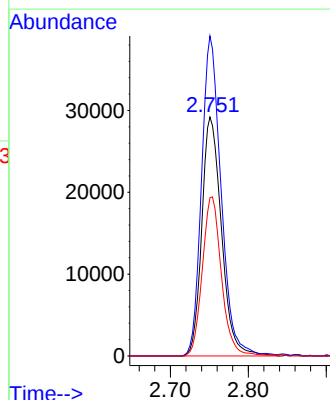
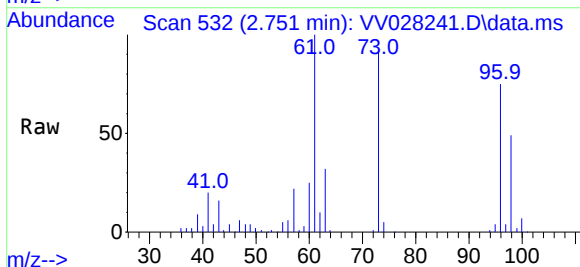
Instrument :
MSVOA_V
ClientSampleId :
VSTD005313

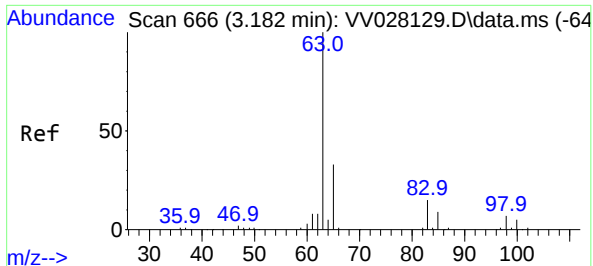
Tgt Ion: 73 Resp: 130173
Ion Ratio Lower Upper
73 100
43 17.4 15.7 23.5
57 21.6 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.355 ug/L
RT: 2.751 min Scan# 532
Delta R.T. -0.000 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

Tgt Ion: 96 Resp: 51275
Ion Ratio Lower Upper
96 100
61 134.0 96.2 178.6
98 66.3 45.7 84.9

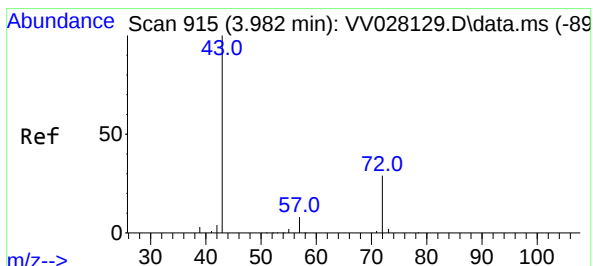
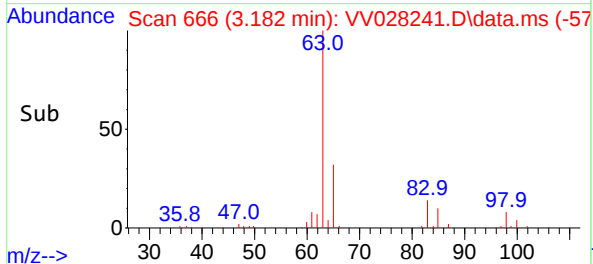
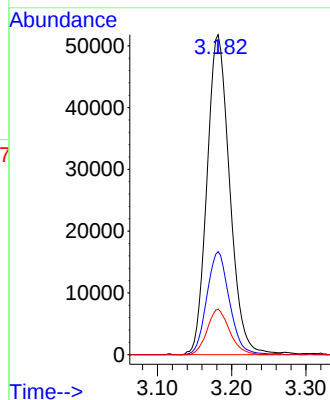
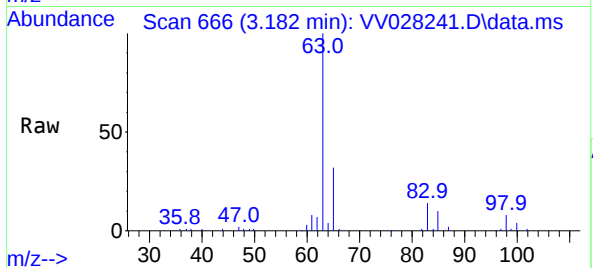




#19
1,1-Dichloroethane
Concen: 5.264 ug/L
RT: 3.182 min Scan# 666
Delta R.T. -0.000 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

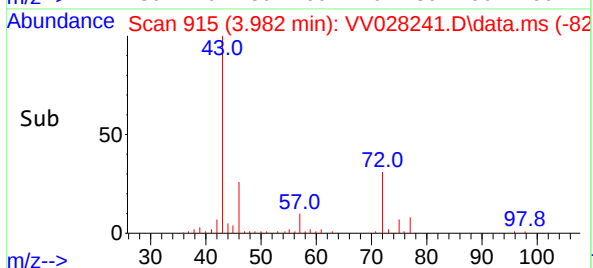
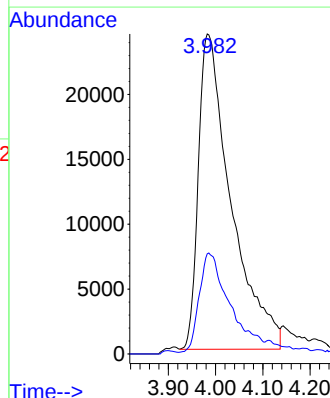
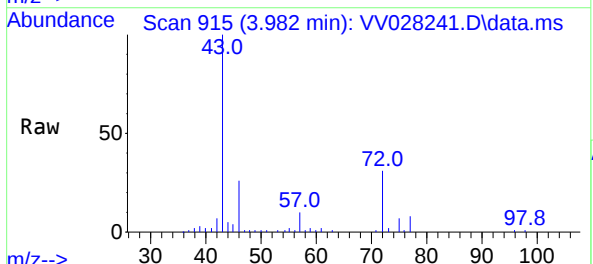
Instrument :
MSVOA_V
ClientSampleId :
VSTD005313

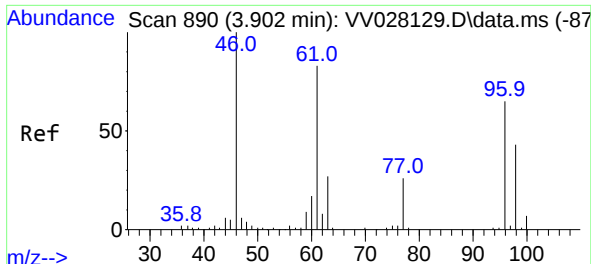
Tgt Ion: 63 Resp: 109970
Ion Ratio Lower Upper
63 100
65 32.2 23.0 42.8
83 14.3 9.2 17.2



#21
2-Butanone
Concen: 44.172 ug/L
RT: 3.982 min Scan# 915
Delta R.T. 0.006 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

Tgt Ion: 43 Resp: 116700
Ion Ratio Lower Upper
43 100
72 29.7 12.7 38.1



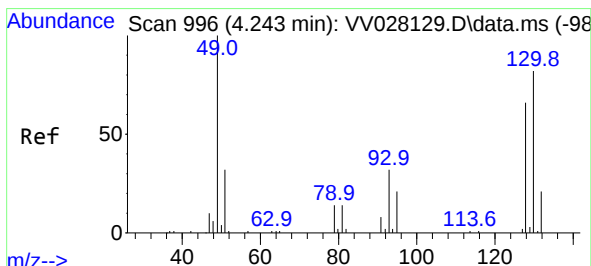
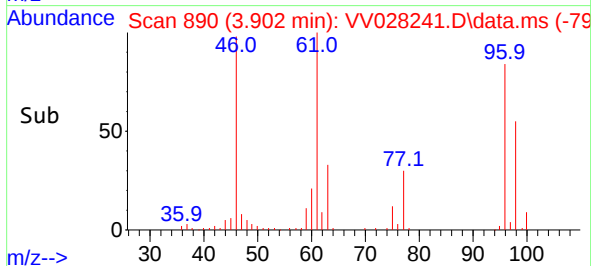
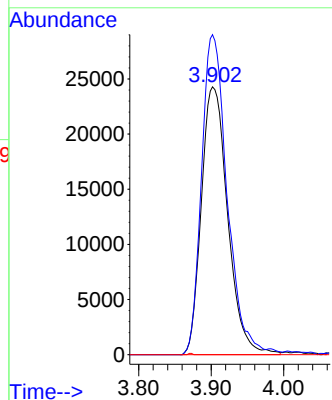
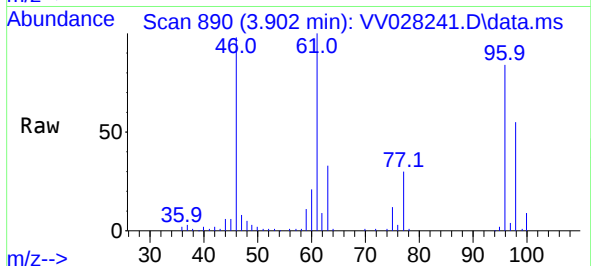


#22
 cis-1,2-Dichloroethene
 Concen: 4.880 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. 0.003 min
 Lab File: VV028241.D
 Acq: 30 Sep 2022 21:08

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005313

Tgt Ion: 96 Resp: 61320

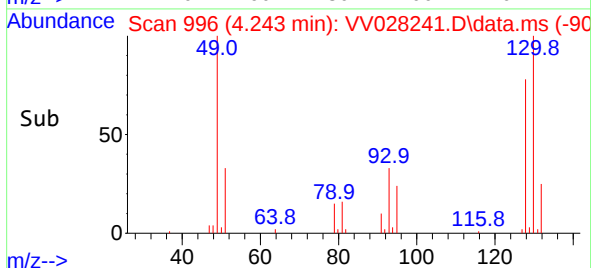
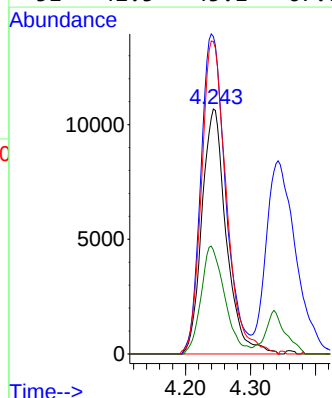
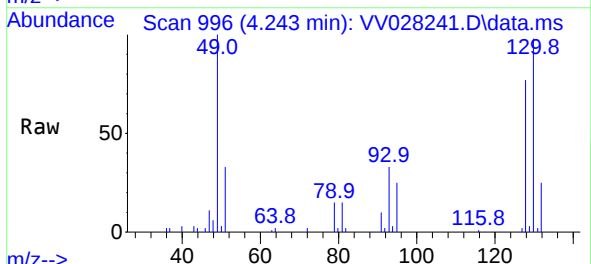
Ion	Ratio	Lower	Upper
96	100		
61	119.5	87.2	161.9
68	0.0	0.0	0.0

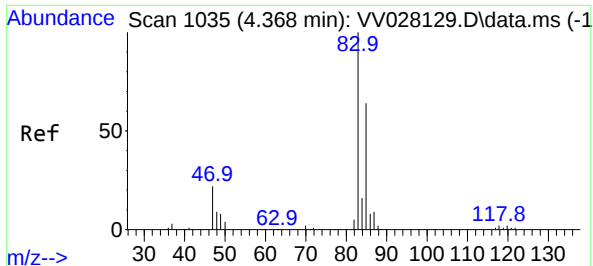


#23
 Bromochloromethane
 Concen: 5.527 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.003 min
 Lab File: VV028241.D
 Acq: 30 Sep 2022 21:08

Tgt Ion: 128 Resp: 27808

Ion	Ratio	Lower	Upper
128	100		
49	129.7	119.9	222.7
130	127.6	94.6	175.8
51	42.5	45.1	67.7





#25

Chloroform

Concen: 5.230 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VV028241.D

Acq: 30 Sep 2022 21:08

Instrument :

MSVOA_V

ClientSampleId :

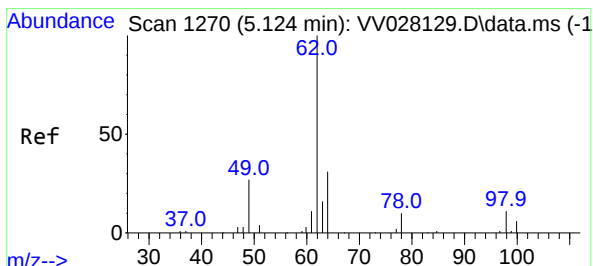
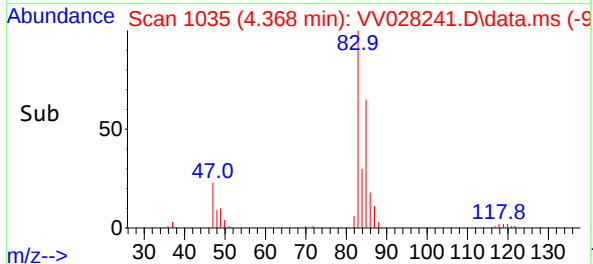
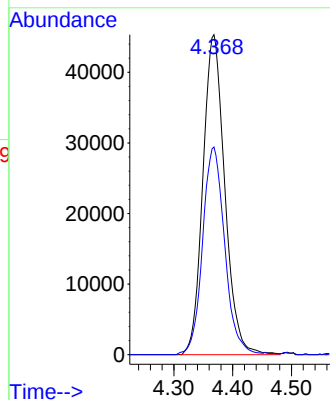
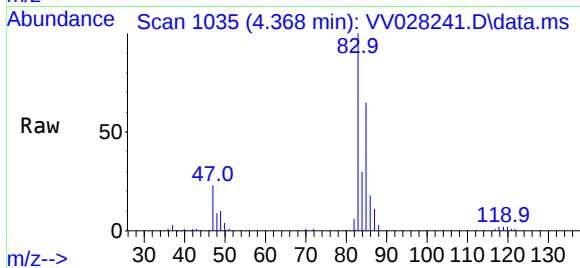
VSTD005313

Tgt Ion: 83 Resp: 117245

Ion Ratio Lower Upper

83 100

85 64.9 45.1 83.7



#27

1,2-Dichloroethane

Concen: 4.920 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.003 min

Lab File: VV028241.D

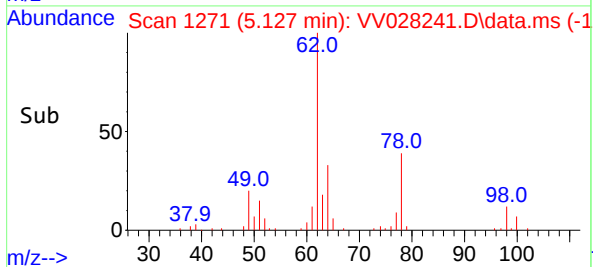
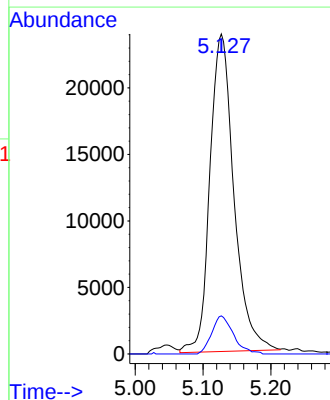
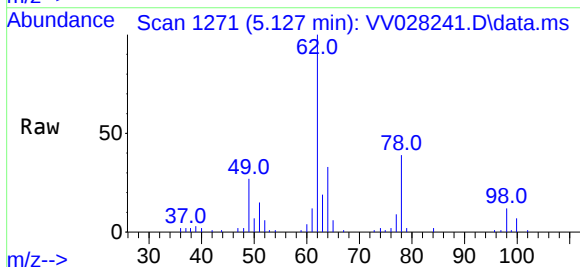
Acq: 30 Sep 2022 21:08

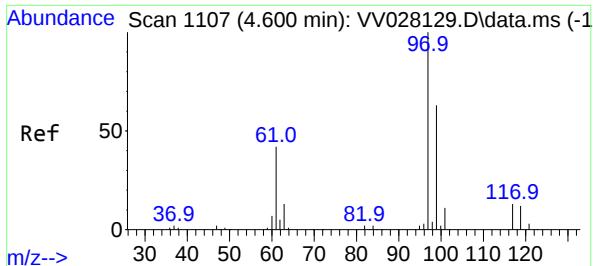
Tgt Ion: 62 Resp: 58806

Ion Ratio Lower Upper

62 100

98 11.9 6.7 10.1#



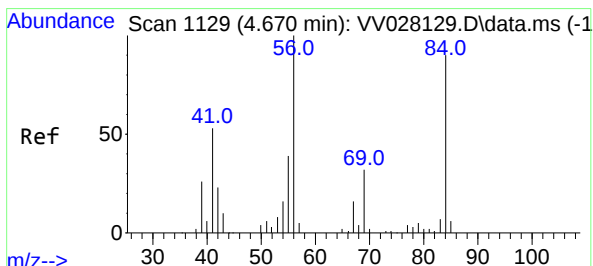
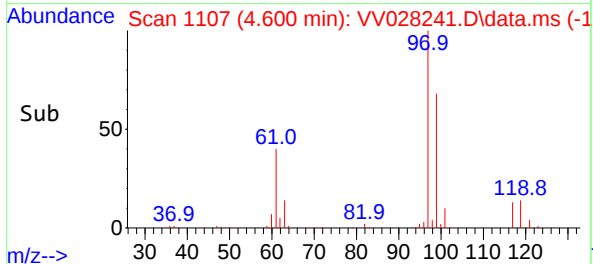
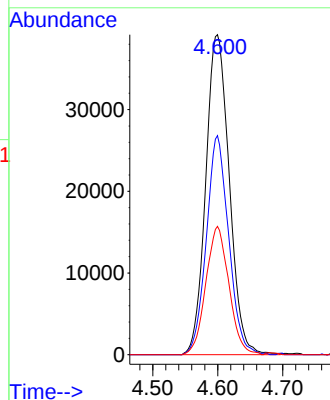
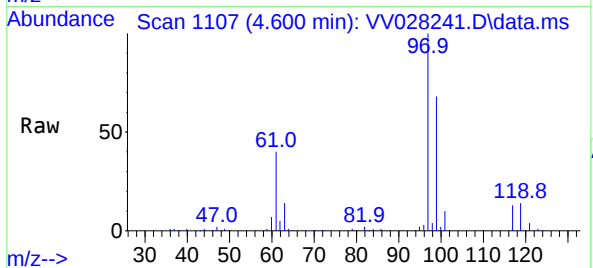


#29
1,1,1-Trichloroethane
Concen: 4.829 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD005313

Tgt Ion: 97 Resp: 98698

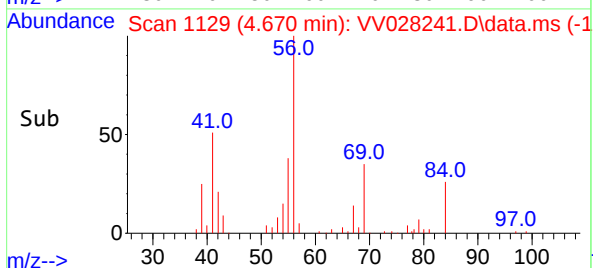
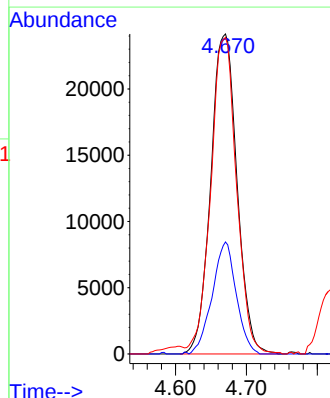
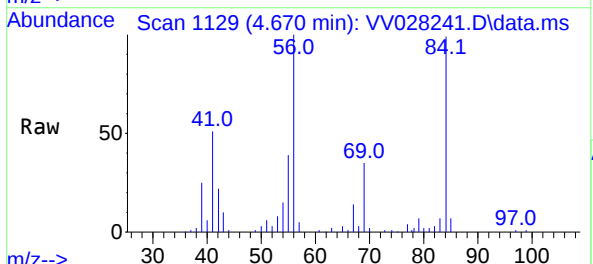
Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.9	77.9
61	39.3	34.8	52.2

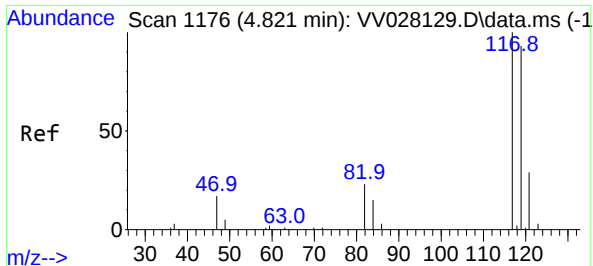


#30
Cyclohexane
Concen: 4.211 ug/L
RT: 4.670 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

Tgt Ion: 56 Resp: 62244

Ion	Ratio	Lower	Upper
56	100		
69	32.0	23.7	35.5
84	97.0	67.3	100.9

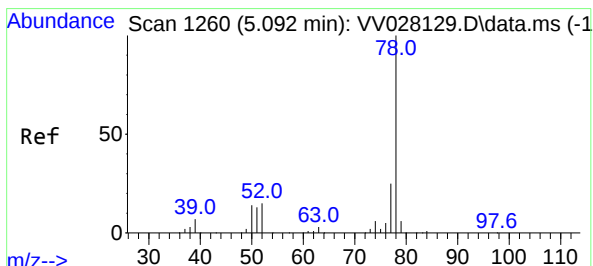
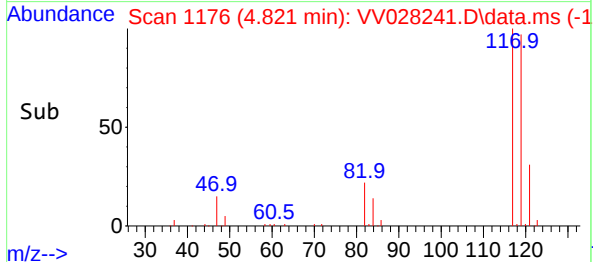
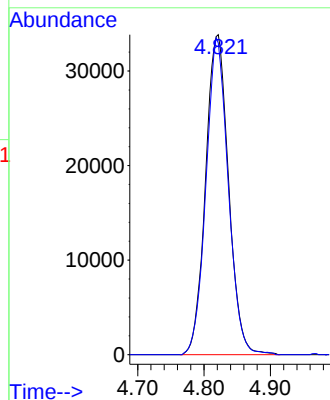
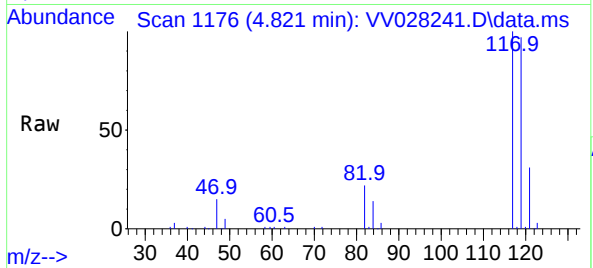




#31
Carbon tetrachloride
Concen: 4.854 ug/L
RT: 4.821 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

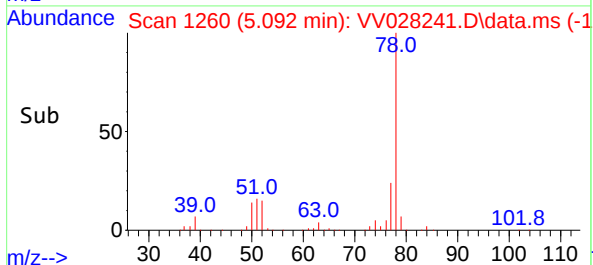
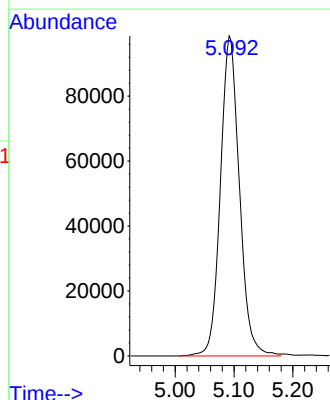
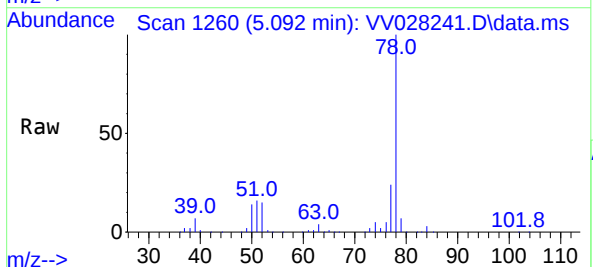
Instrument :
MSVOA_V
ClientSampleId :
VSTD005313

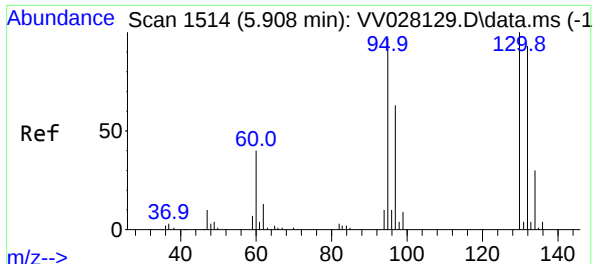
Tgt Ion:117 Resp: 81636
Ion Ratio Lower Upper
117 100
119 95.9 76.9 115.3



#33
Benzene
Concen: 4.785 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

Tgt Ion: 78 Resp: 221021

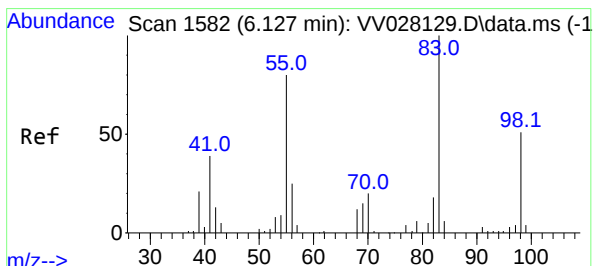
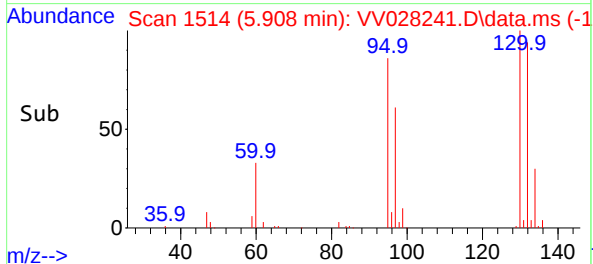
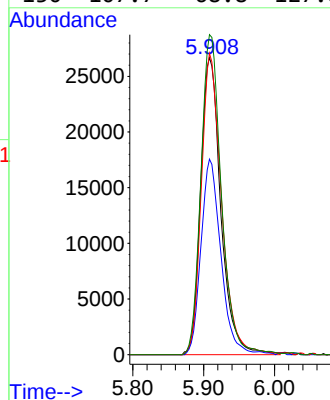
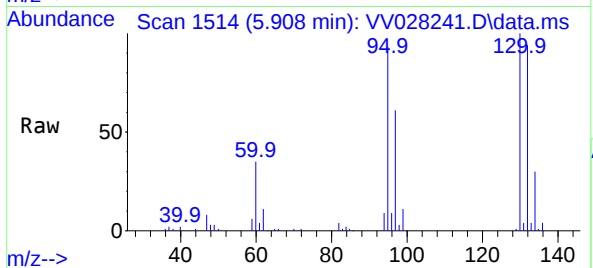




#34
Trichloroethene
Concen: 4.590 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.003 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

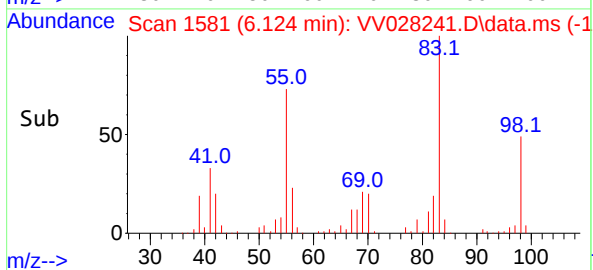
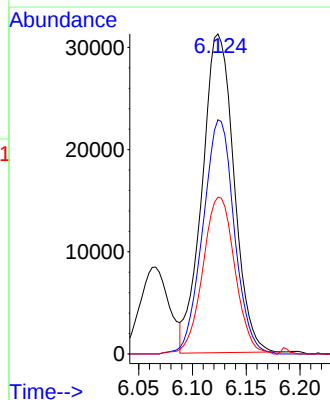
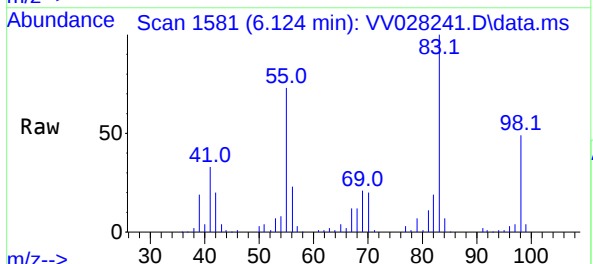
Instrument :
MSVOA_V
ClientSampleId :
VSTD005313

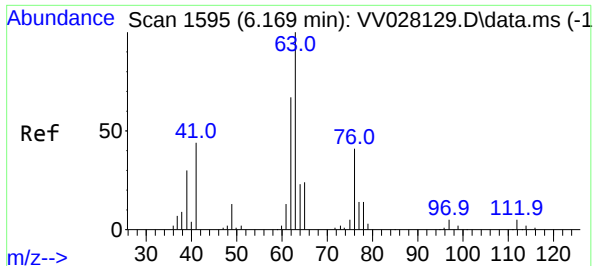
Tgt Ion: 95 Resp: 52774
Ion Ratio Lower Upper
95 100
97 65.8 44.2 82.0
132 101.4 67.8 126.0
130 107.7 68.8 127.8



#35
Methylcyclohexane
Concen: 4.071 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.003 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

Tgt Ion: 83 Resp: 64196
Ion Ratio Lower Upper
83 100
55 72.8 64.7 97.1
98 49.6 39.5 59.3

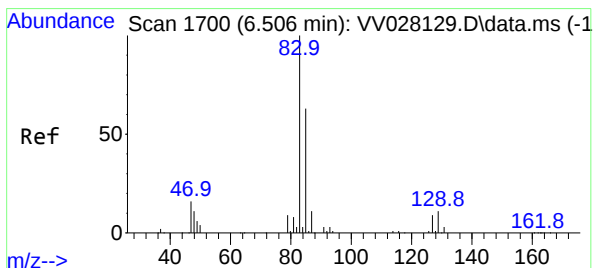
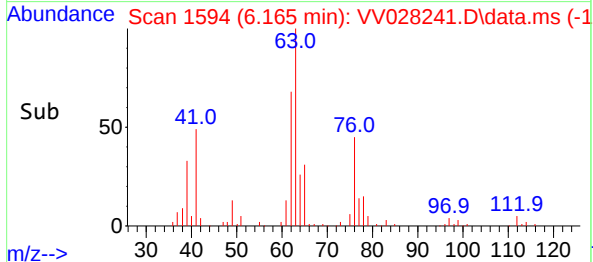
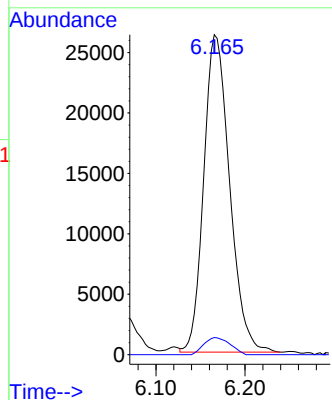
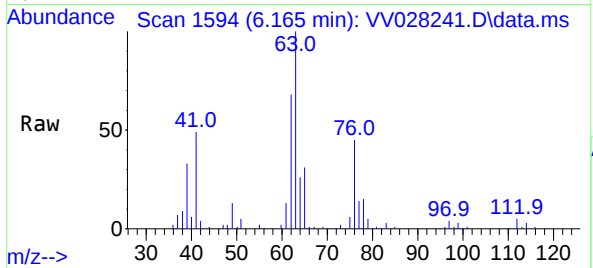




#37
1,2-Dichloropropane
Concen: 4.090 ug/L
RT: 6.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

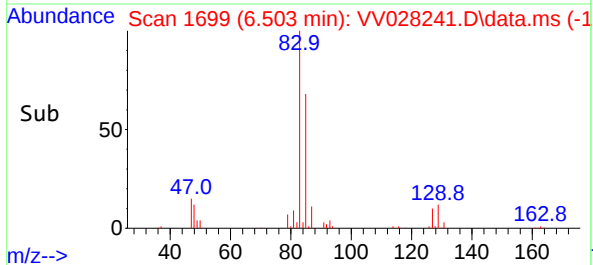
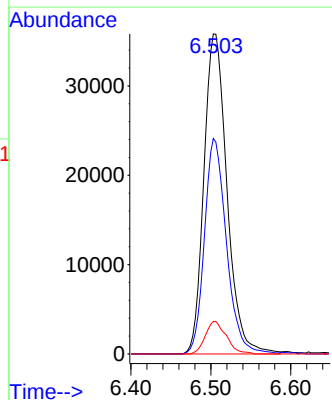
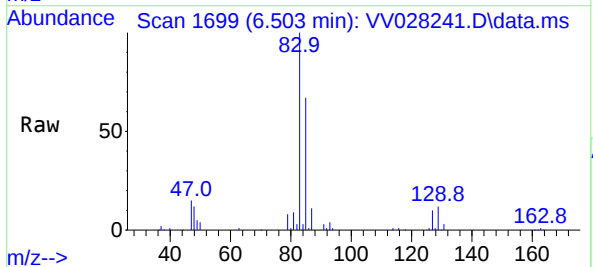
Instrument :
MSVOA_V
ClientSampleId :
VSTD005313

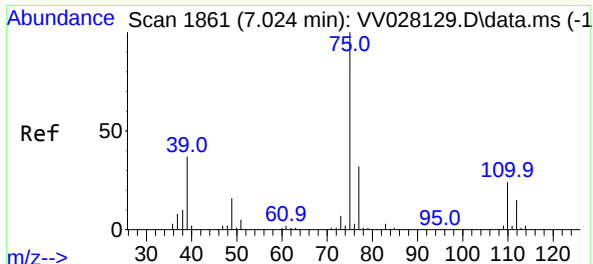
Tgt Ion: 63 Resp: 52962
Ion Ratio Lower Upper
63 100
112 5.5 3.5 5.3#



#38
Bromodichloromethane
Concen: 4.506 ug/L
RT: 6.503 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

Tgt Ion: 83 Resp: 72041
Ion Ratio Lower Upper
83 100
85 67.3 43.8 81.4
127 10.2 6.3 9.5#





#39

cis-1,3-Dichloropropene

Concen: 4.240 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV028241.D

Acq: 30 Sep 2022 21:08

Instrument :

MSVOA_V

ClientSampleId :

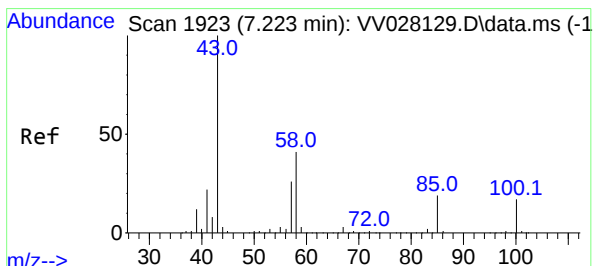
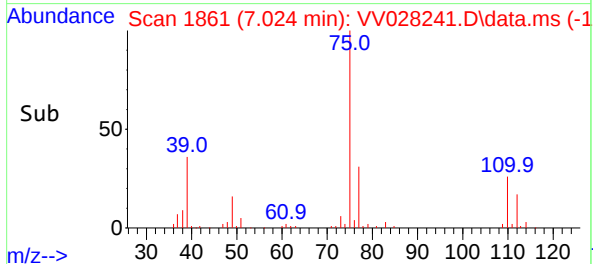
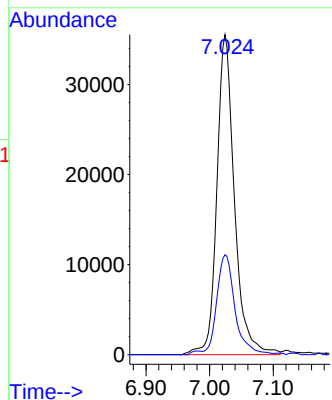
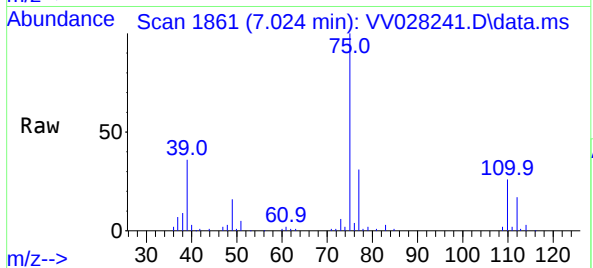
VSTD005313

Tgt Ion: 75 Resp: 68196

Ion Ratio Lower Upper

75 100

77 31.2 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 42.547 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV028241.D

Acq: 30 Sep 2022 21:08

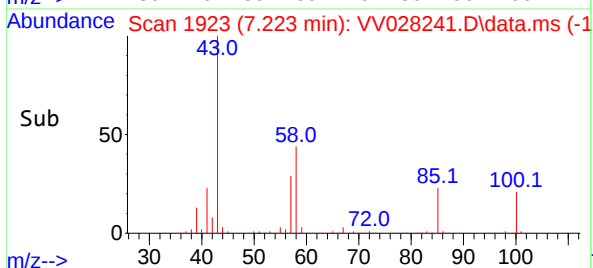
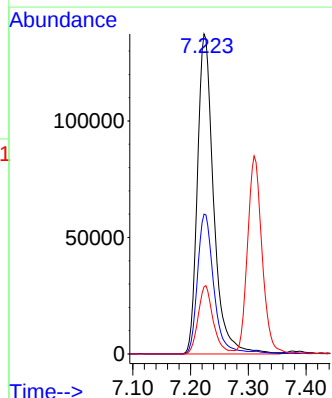
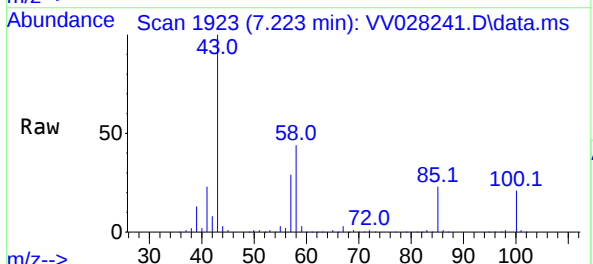
Tgt Ion: 43 Resp: 267566

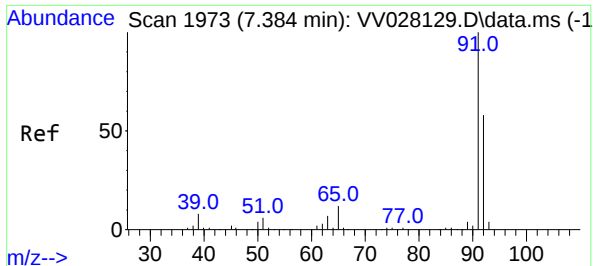
Ion Ratio Lower Upper

43 100

58 43.8 32.2 48.4

100 19.9 12.7 19.1#

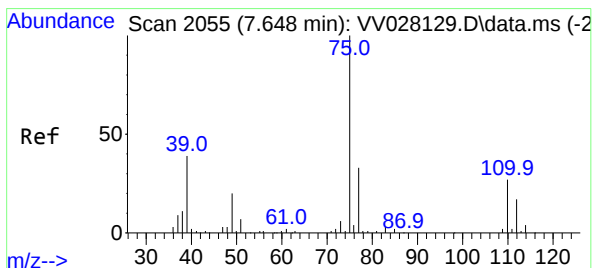
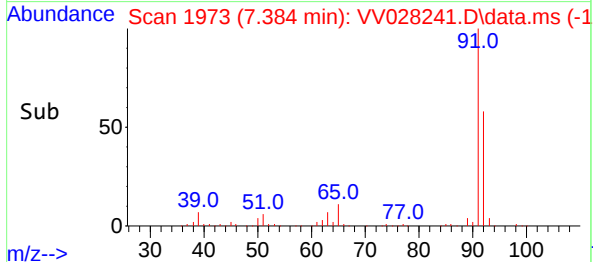
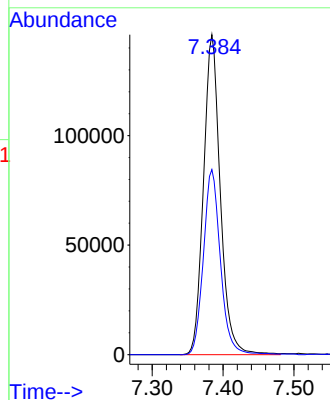
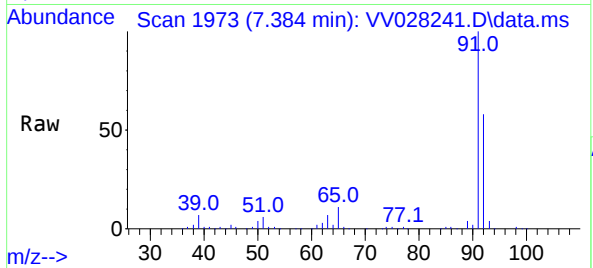




#42
Toluene
Concen: 4.999 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. 0.003 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

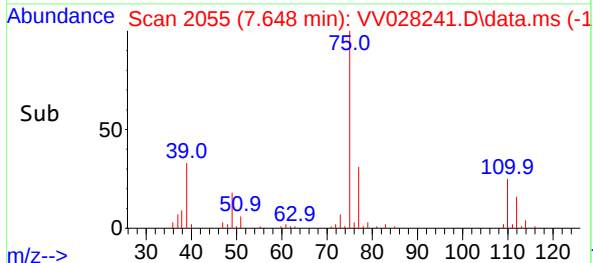
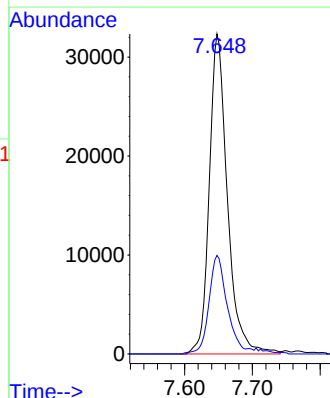
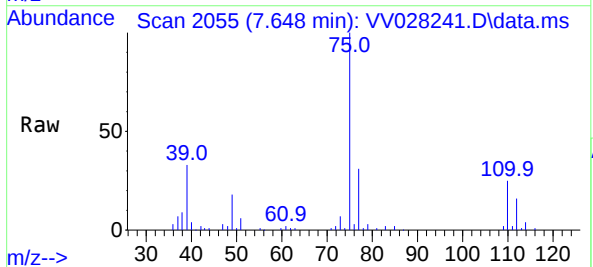
Instrument :
MSVOA_V
ClientSampleId :
VSTD005313

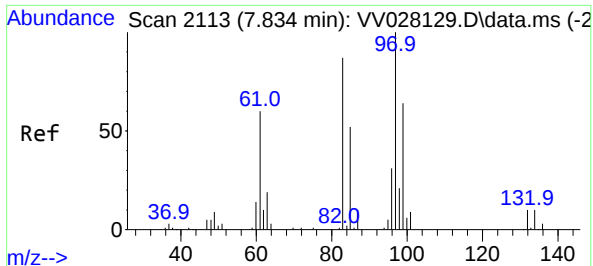
Tgt Ion: 91 Resp: 240883
Ion Ratio Lower Upper
91 100
92 57.8 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 4.335 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. 0.003 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

Tgt Ion: 75 Resp: 59974
Ion Ratio Lower Upper
75 100
77 30.8 23.9 44.3



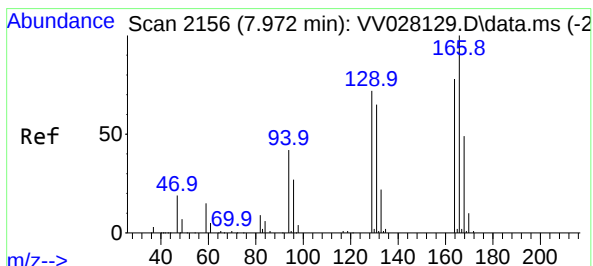
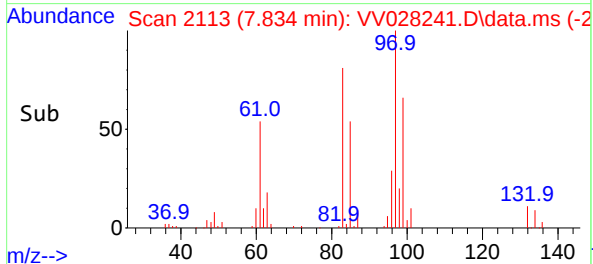
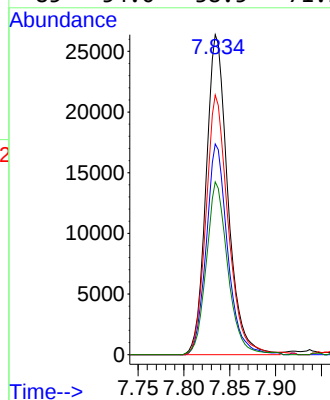
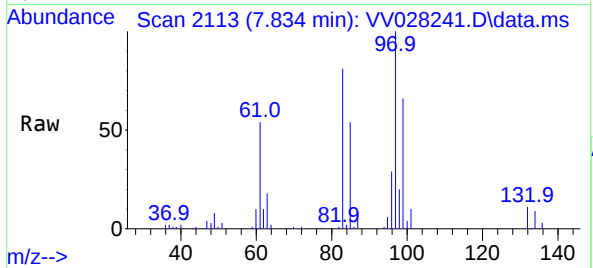


#45
1,1,2-Trichloroethane
Concen: 5.025 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD005313

Tgt Ion: 97 Resp: 43624

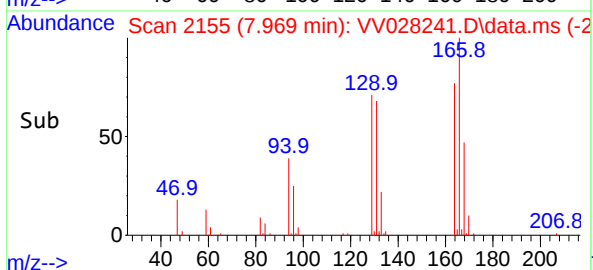
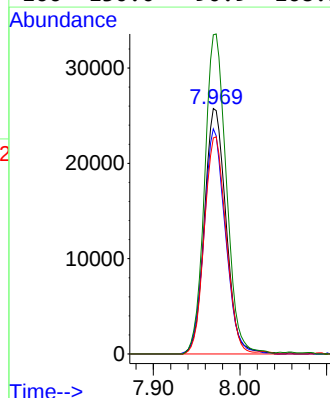
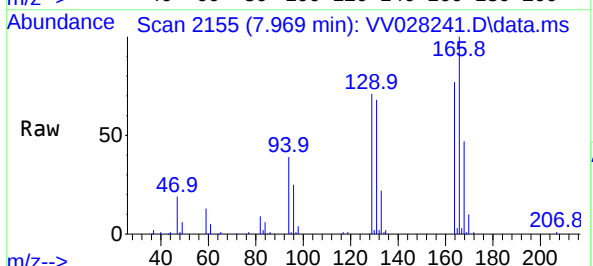
Ion	Ratio	Lower	Upper
97	100		
99	65.8	43.2	80.2
83	81.2	59.1	109.9
85	54.0	38.5	71.5

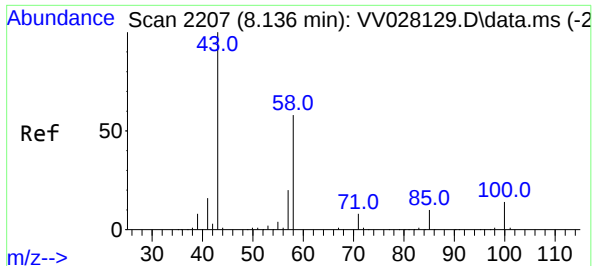


#47
Tetrachloroethene
Concen: 4.858 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.000 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

Tgt Ion: 164 Resp: 44590

Ion	Ratio	Lower	Upper
164	100		
129	91.7	66.7	123.9
131	88.0	61.7	114.5
166	130.0	90.9	168.9

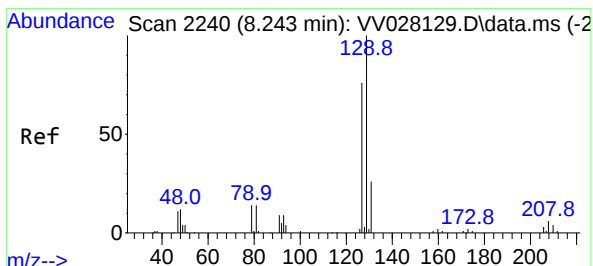
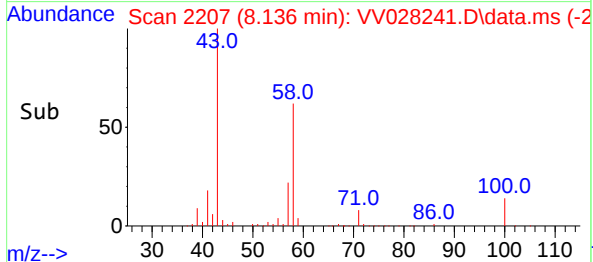
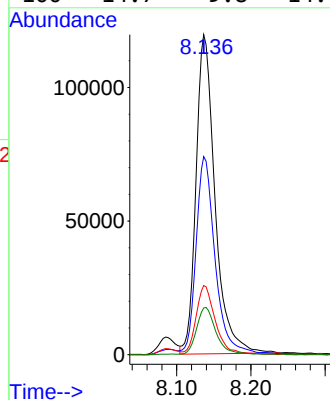
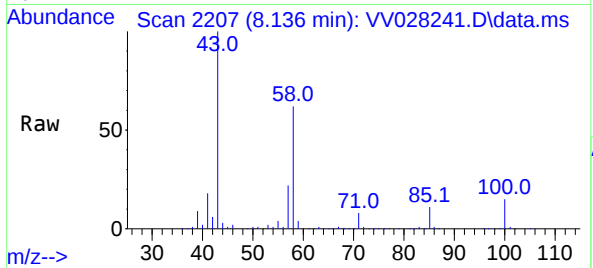




#48
2-Hexanone
Concen: 44.793 ug/L
RT: 8.136 min Scan# 213843
Delta R.T. 0.003 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

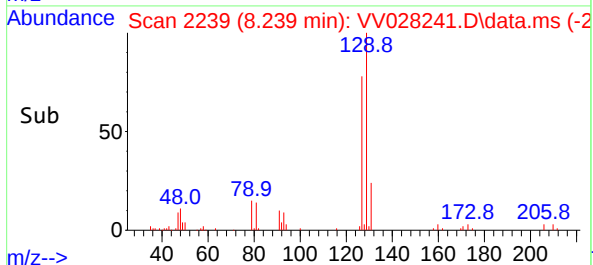
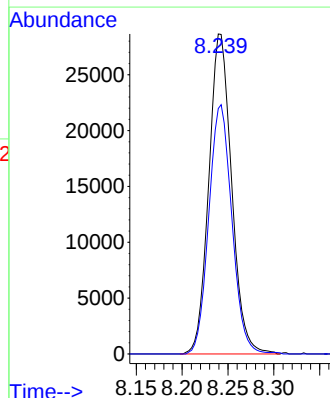
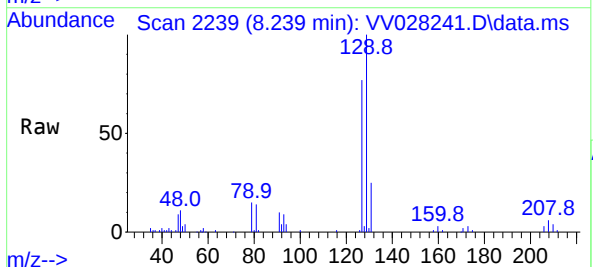
Instrument :
MSVOA_V
ClientSampleId :
VSTD005313

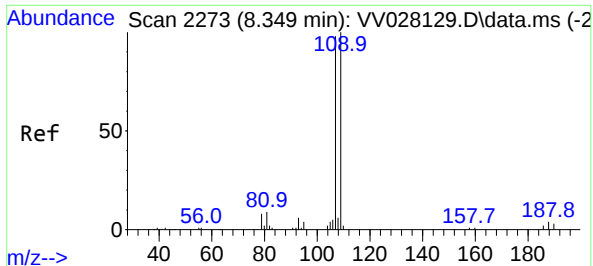
Tgt Ion: 43 Resp: 213843
Ion Ratio Lower Upper
43 100
58 62.2 45.7 68.5
57 21.6 15.5 23.3
100 14.7 9.8 14.6#



#49
Dibromochloromethane
Concen: 4.745 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

Tgt Ion: 129 Resp: 49527
Ion Ratio Lower Upper
129 100
127 76.7 54.3 100.9





#50

1,2-Dibromoethane

Concen: 4.832 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV028241.D

Acq: 30 Sep 2022 21:08

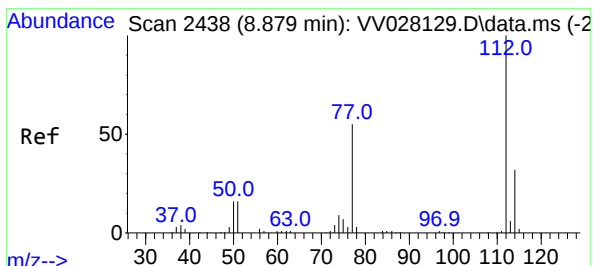
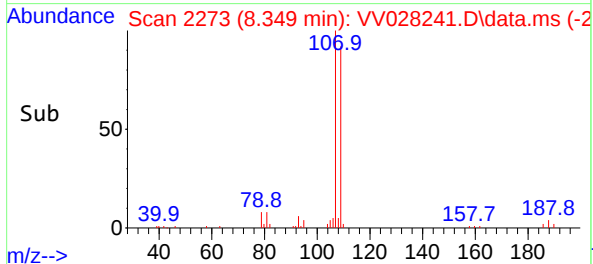
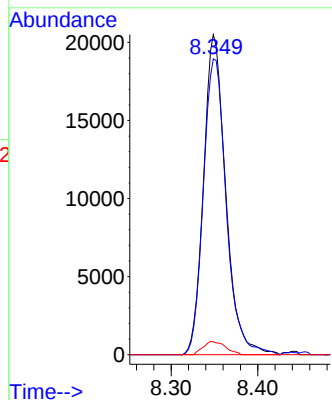
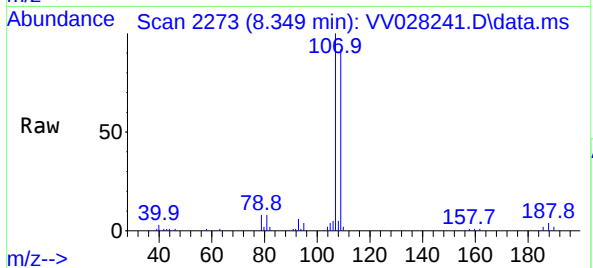
Instrument :

MSVOA_V

ClientSampleId :

VSTD005313

Tgt Ion:107	Resp:	36453
Ion Ratio	Lower	Upper
107	100	
109	92.5	65.9 122.5
188	4.0	3.4 5.0



#51

Chlorobenzene

Concen: 5.149 ug/L

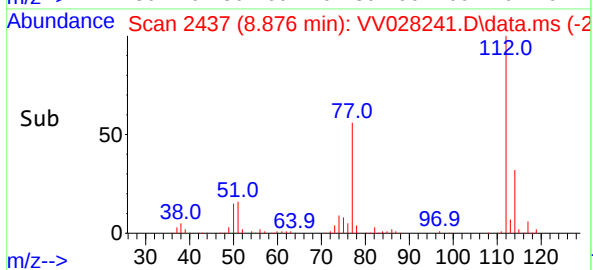
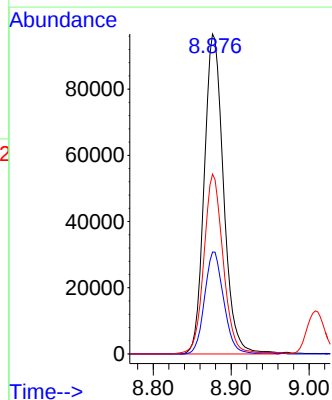
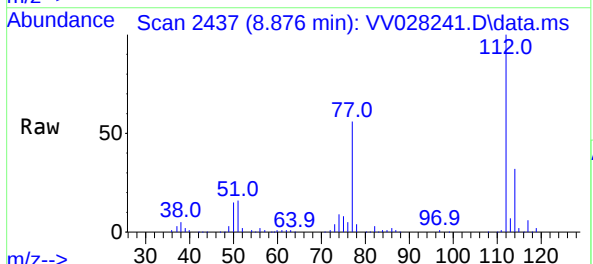
RT: 8.876 min Scan# 2437

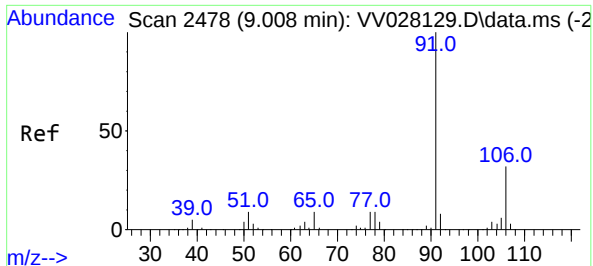
Delta R.T. -0.000 min

Lab File: VV028241.D

Acq: 30 Sep 2022 21:08

Tgt Ion:112	Resp:	166415
Ion Ratio	Lower	Upper
112	100	
114	31.9	22.5 41.7
77	56.2	46.1 69.1

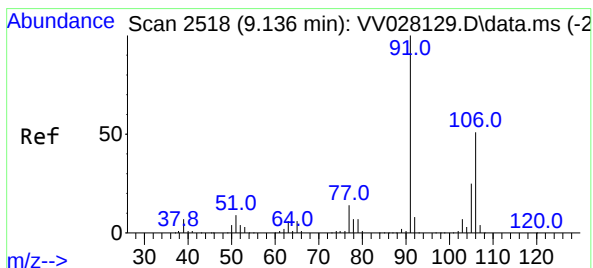
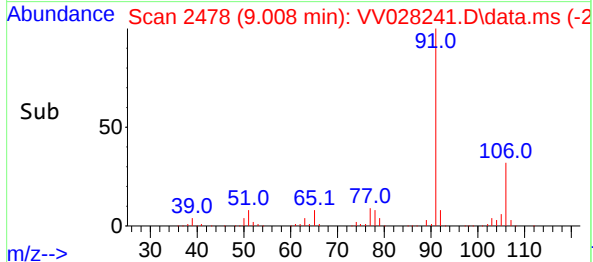
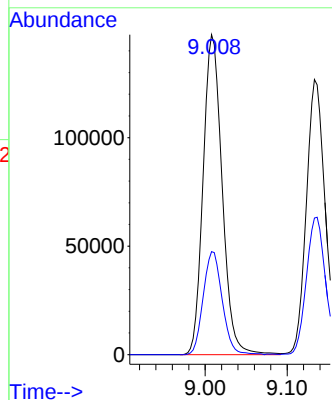
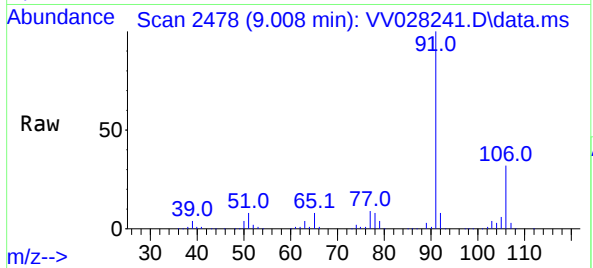




#52
Ethylbenzene
Concen: 4.666 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.000 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

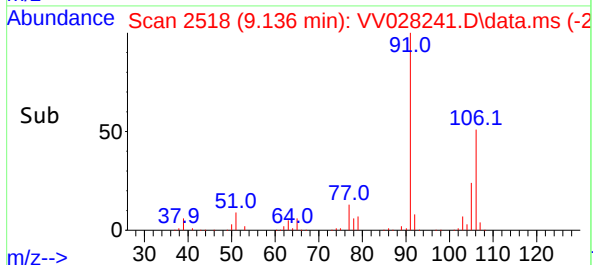
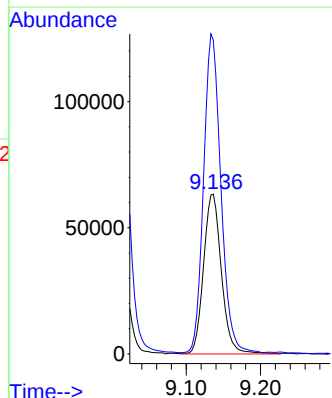
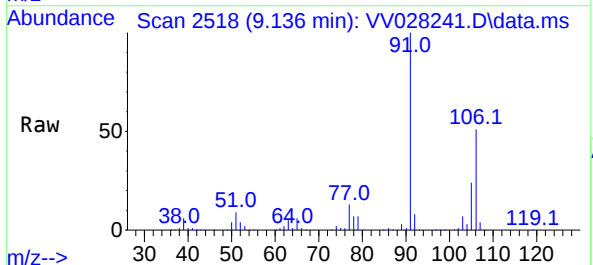
Instrument :
MSVOA_V
ClientSampleId :
VSTD005313

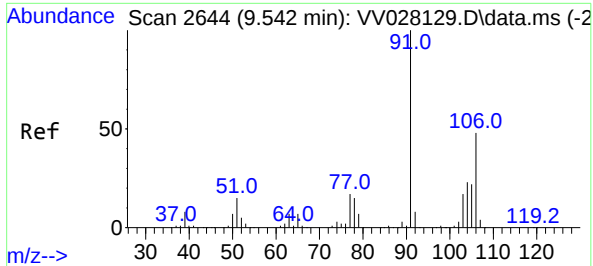
Tgt Ion: 91 Resp: 237848
Ion Ratio Lower Upper
91 100
106 32.2 21.5 39.9



#53
m,p-Xylene
Concen: 5.409 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

Tgt Ion: 106 Resp: 105666
Ion Ratio Lower Upper
106 100
91 196.2 141.9 263.5

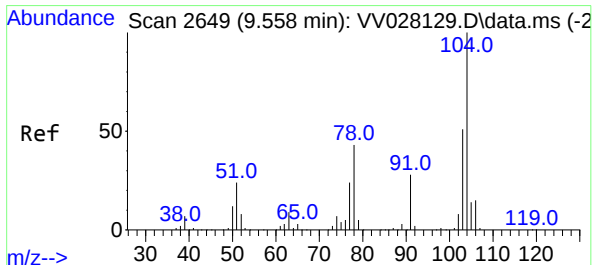
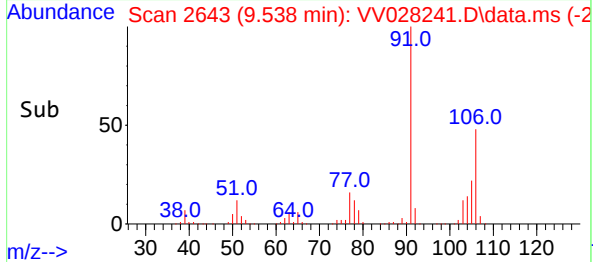
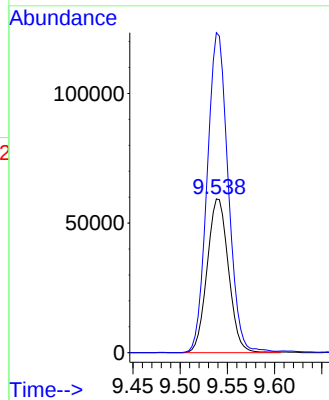
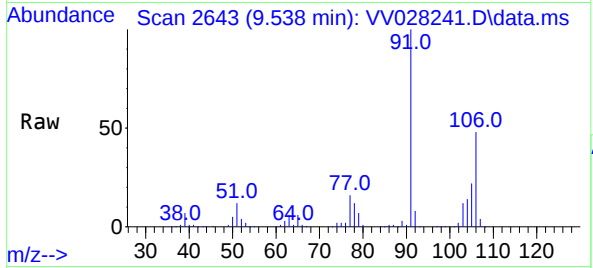




#54
o-Xylene
Concen: 4.835 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. -0.000 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

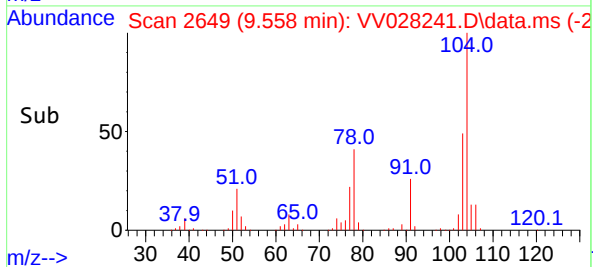
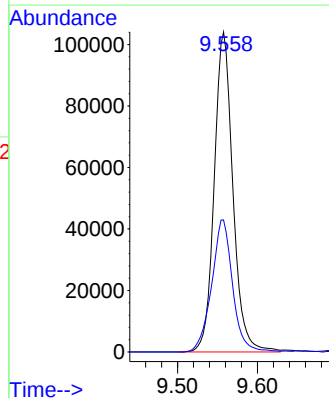
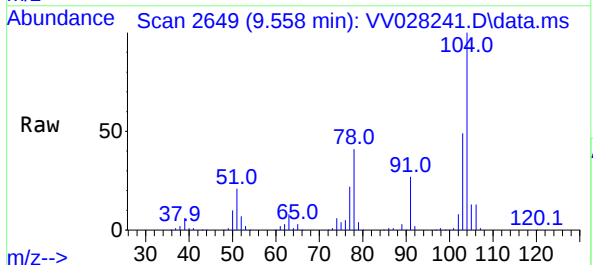
Instrument :
MSVOA_V
ClientSampleId :
VSTD005313

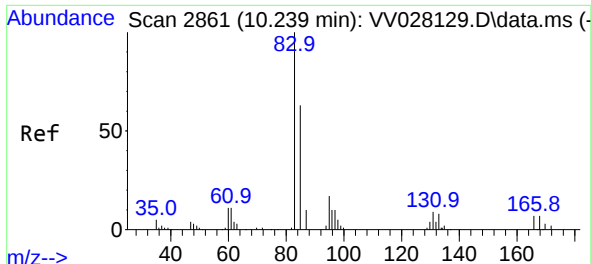
Tgt Ion:106 Resp: 93277
Ion Ratio Lower Upper
106 100
91 208.1 148.1 275.0



#55
Styrene
Concen: 5.043 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.003 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

Tgt Ion:104 Resp: 168566
Ion Ratio Lower Upper
104 100
78 41.3 31.0 57.6

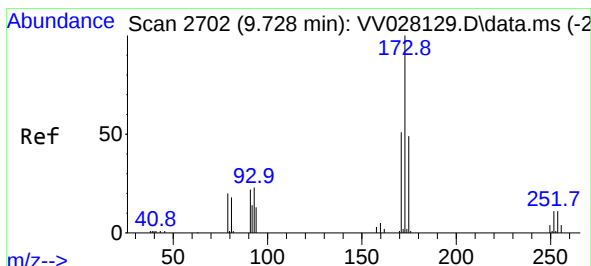
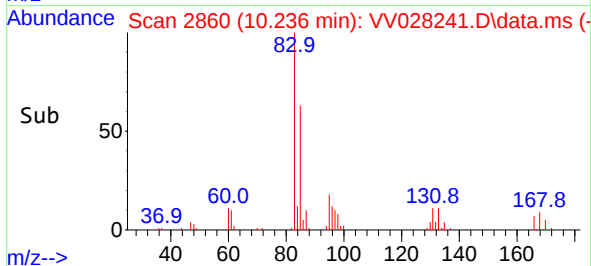
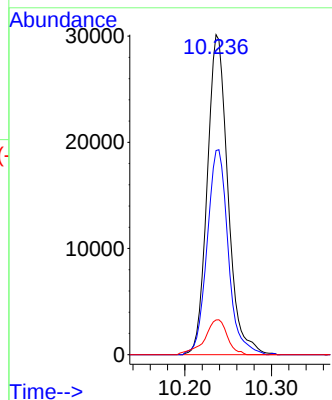
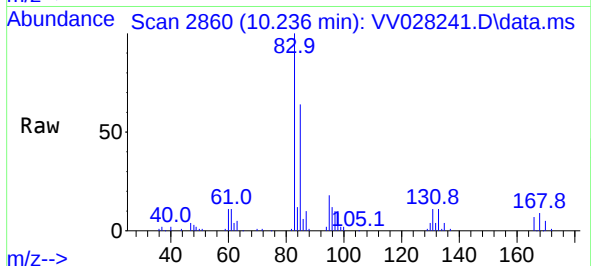




#57
1,1,2,2-Tetrachloroethane
Concen: 4.941 ug/L
RT: 10.236 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

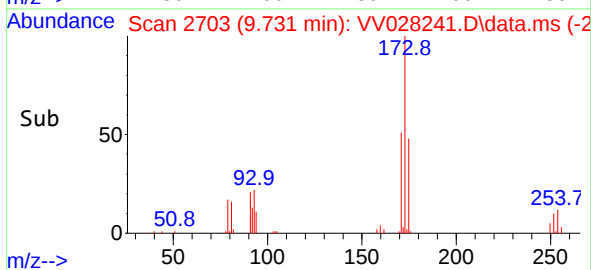
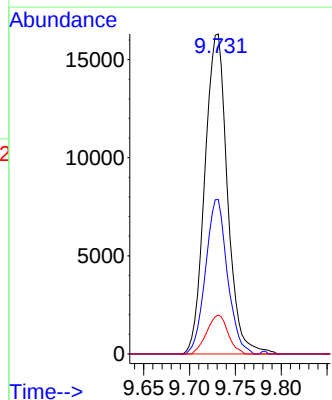
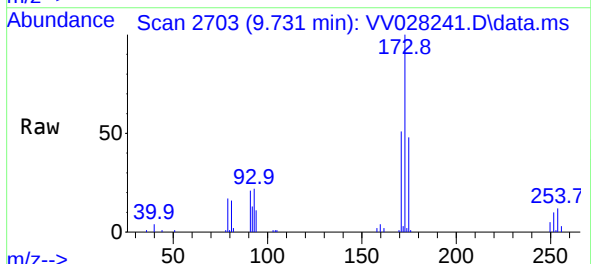
Instrument :
MSVOA_V
ClientSampleId :
VSTD005313

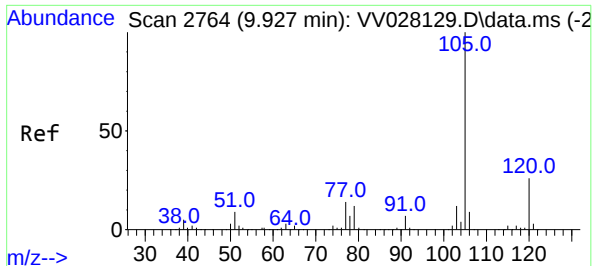
Tgt Ion: 83 Resp: 49975
Ion Ratio Lower Upper
83 100
85 63.8 45.2 84.0
131 10.9 7.8 11.8



#59
Bromoform
Concen: 4.811 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

Tgt Ion: 173 Resp: 27952
Ion Ratio Lower Upper
173 100
175 46.6 39.0 58.4
254 11.4 8.7 13.1

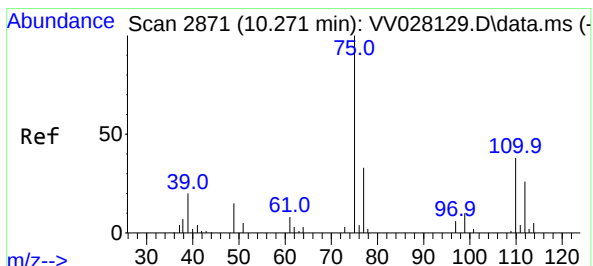
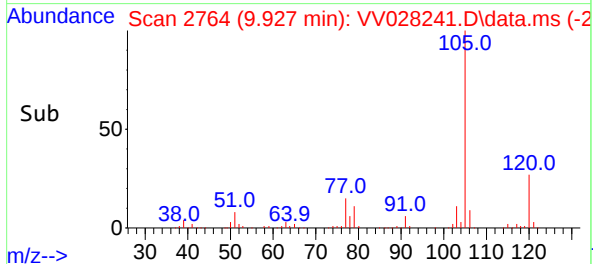
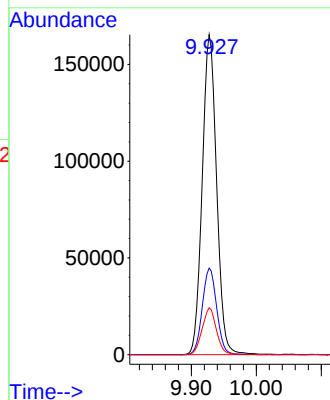
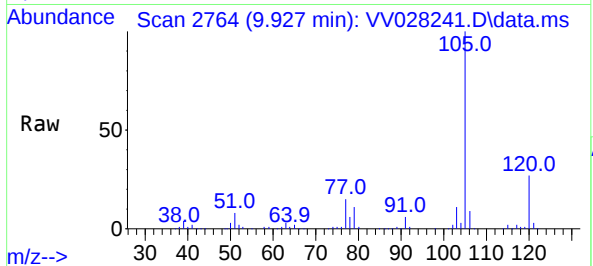




#60
Isopropylbenzene
Concen: 4.756 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

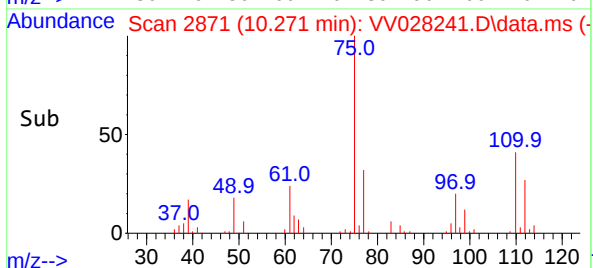
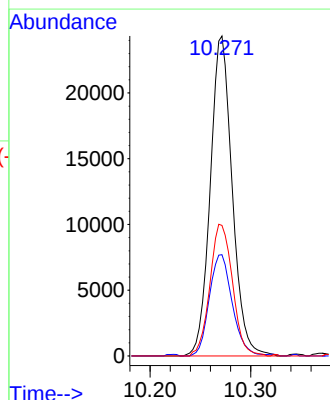
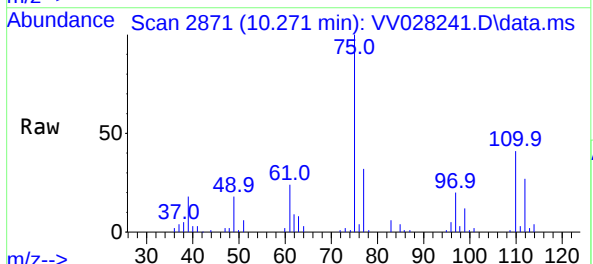
Instrument :
MSVOA_V
ClientSampleId :
VSTD005313

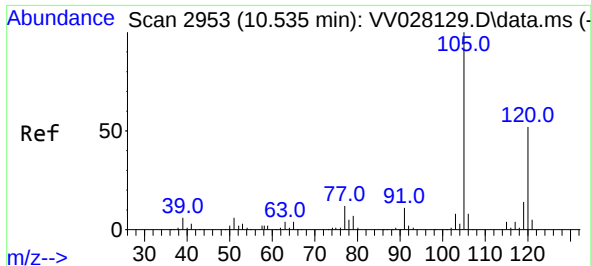
Tgt Ion:105 Resp: 255466
Ion Ratio Lower Upper
105 100
120 27.1 21.4 32.0
77 14.6 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.810 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

Tgt Ion: 75 Resp: 36916
Ion Ratio Lower Upper
75 100
77 33.1 26.7 40.1
110 42.4 30.1 45.1

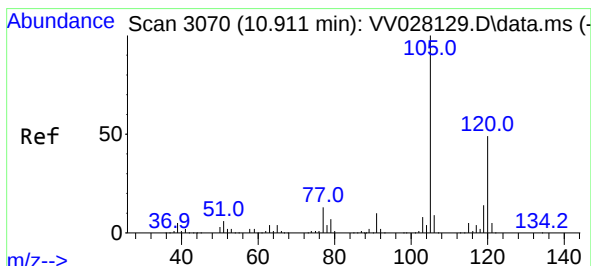
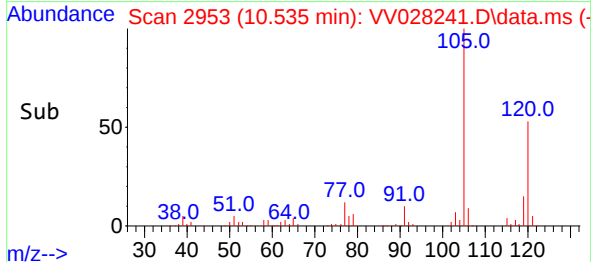
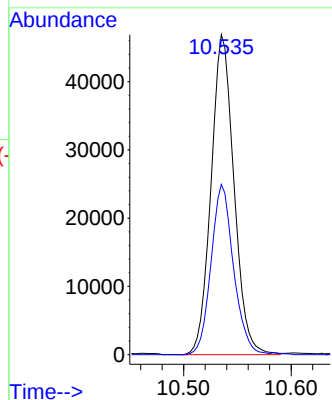
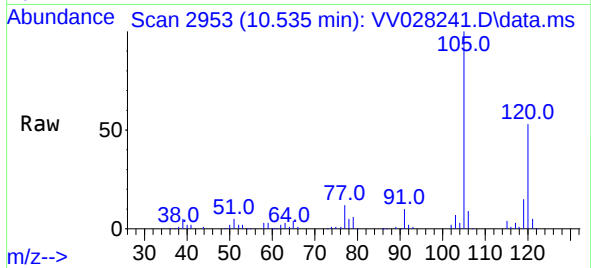




#62
1,3,5-Trimethylbenzene
Concen: 4.585 ug/L
RT: 10.535 min Scan# 2953
Delta R.T. -0.000 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

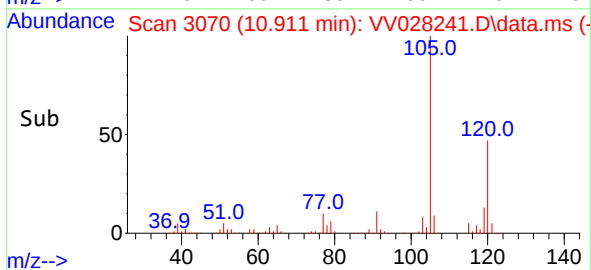
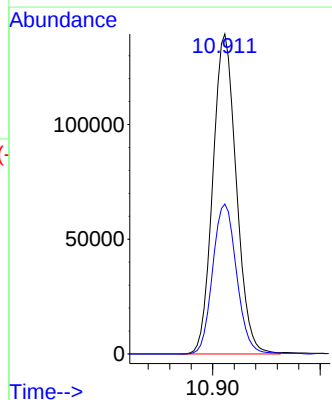
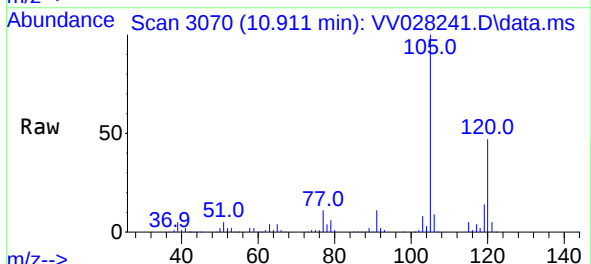
Instrument :
MSVOA_V
ClientSampleId :
VSTD005313

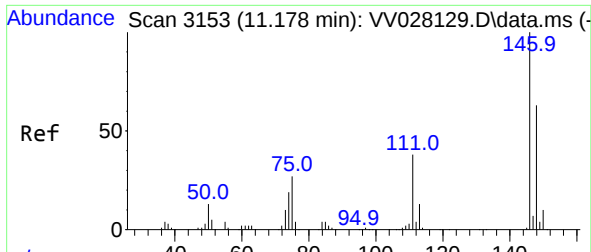
Tgt Ion:105 Resp: 69361
Ion Ratio Lower Upper
105 100
120 52.1 40.6 61.0



#63
1,2,4-Trimethylbenzene
Concen: 4.994 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. -0.000 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

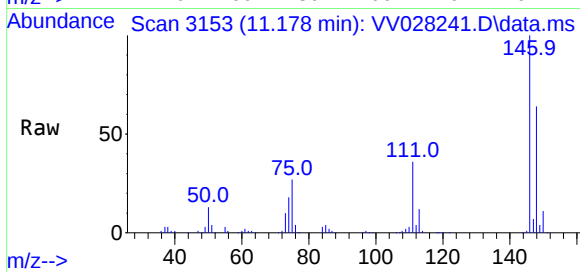
Tgt Ion:105 Resp: 211193
Ion Ratio Lower Upper
105 100
120 47.8 37.8 56.8



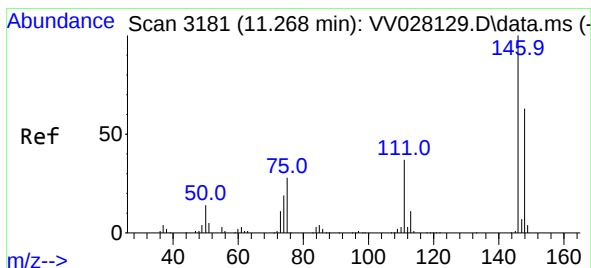
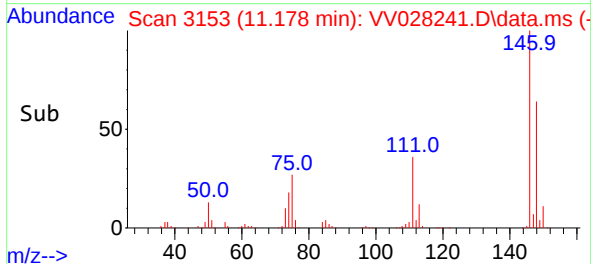
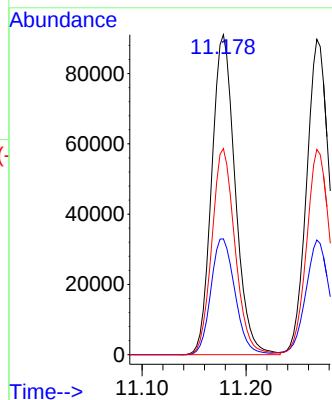


#64
1,3-Dichlorobenzene
Concen: 5.346 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD005313

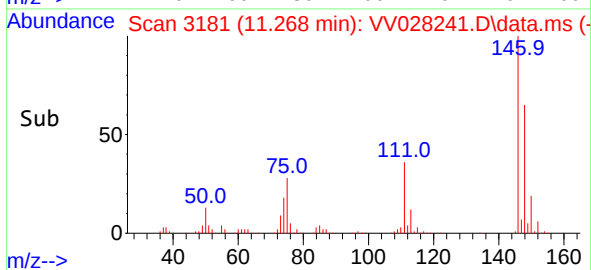
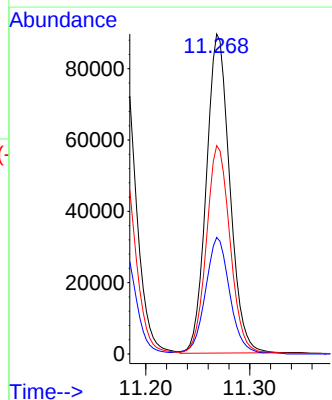
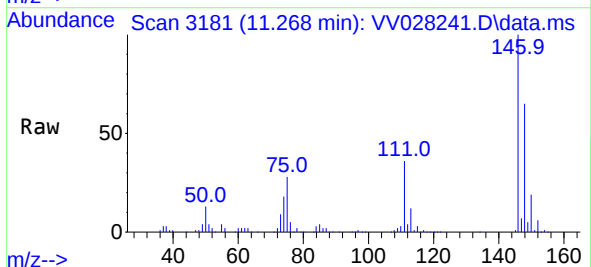


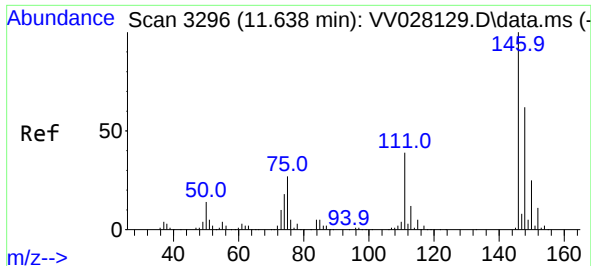
Tgt Ion:146 Resp: 142867
Ion Ratio Lower Upper
146 100
111 36.2 27.1 50.3
148 64.4 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 5.242 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.000 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

Tgt Ion:146 Resp: 140167
Ion Ratio Lower Upper
146 100
111 36.4 26.2 48.8
148 65.1 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 5.286 ug/L

RT: 11.638 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV028241.D

Acq: 30 Sep 2022 21:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD005313

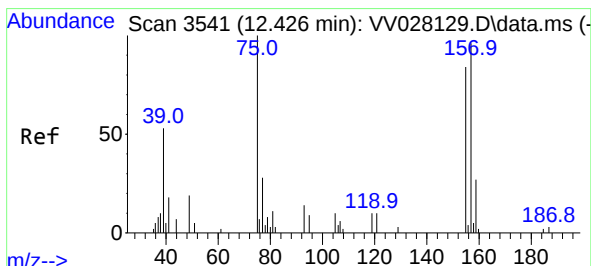
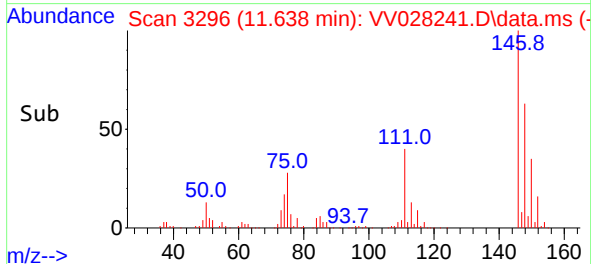
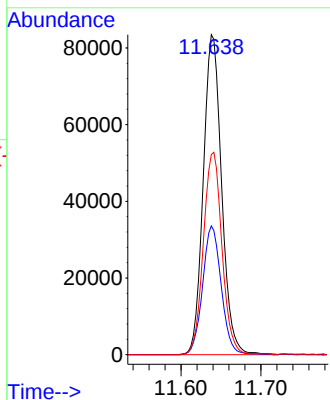
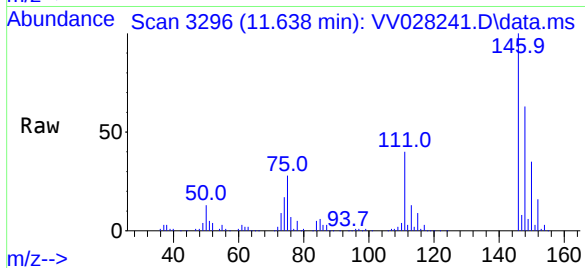
Tgt Ion:146 Resp: 133442

Ion Ratio Lower Upper

146 100

111 40.2 32.6 49.0

148 62.6 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 4.366 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.003 min

Lab File: VV028241.D

Acq: 30 Sep 2022 21:08

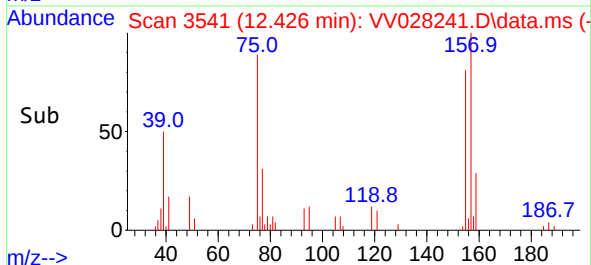
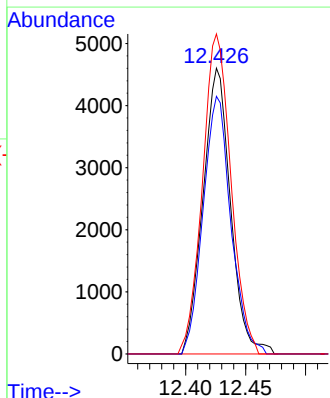
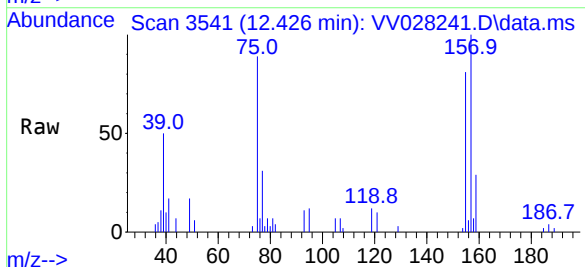
Tgt Ion: 75 Resp: 7344

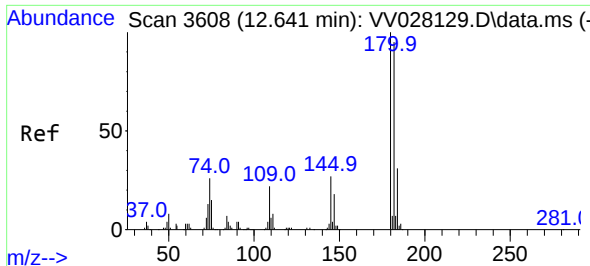
Ion Ratio Lower Upper

75 100

155 90.2 73.6 110.4

157 112.0 90.7 136.1



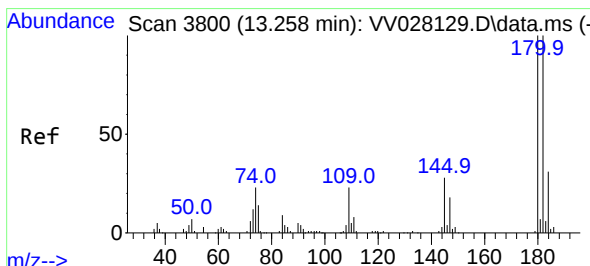
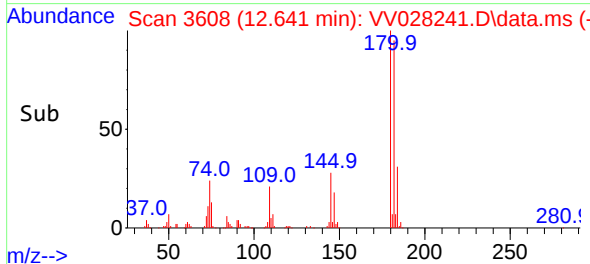
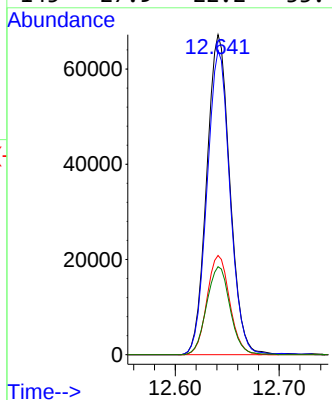
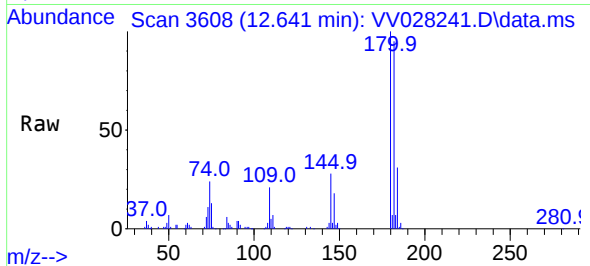


#69
 1,3,5-Trichlorobenzene
 Concen: 4.906 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. -0.000 min
 Lab File: VV028241.D
 Acq: 30 Sep 2022 21:08

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005313

Tgt Ion:180 Resp: 103790

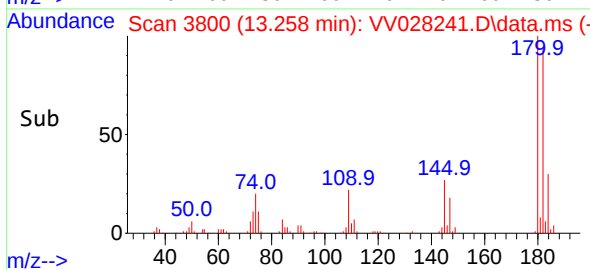
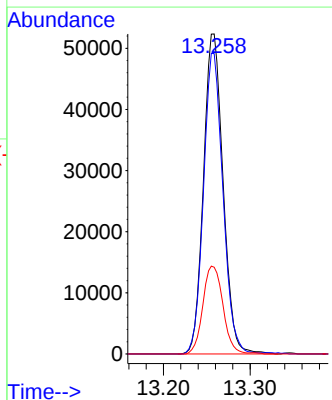
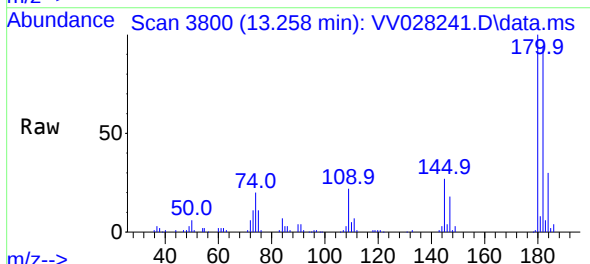
Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.5	113.3
184	30.4	23.7	35.5
145	27.9	22.2	33.4

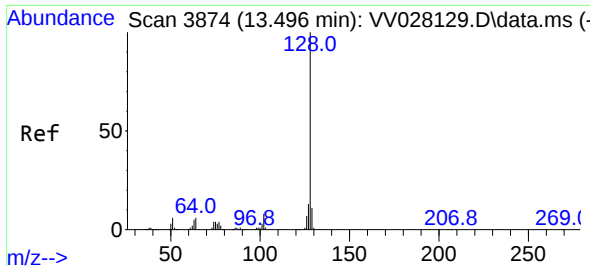


#70
 1,2,4-trichlorobenzene
 Concen: 4.858 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. 0.003 min
 Lab File: VV028241.D
 Acq: 30 Sep 2022 21:08

Tgt Ion:180 Resp: 82188

Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.3	114.5
145	28.1	22.9	34.3



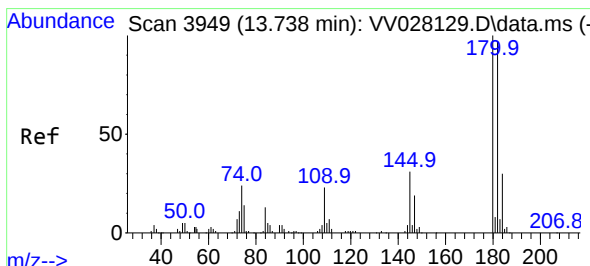
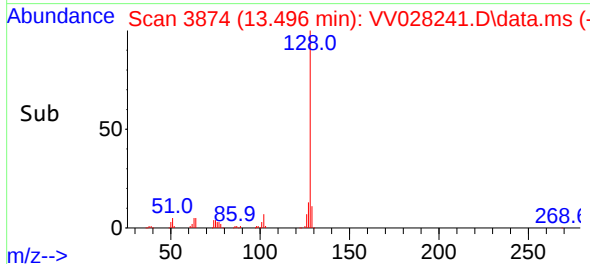
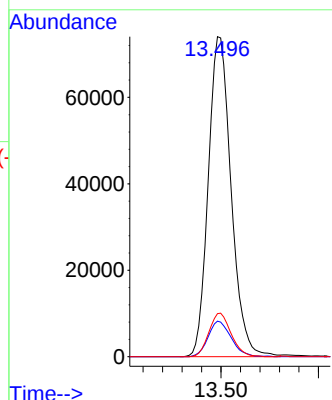
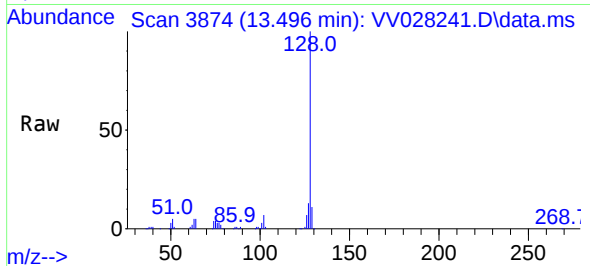


#71
Naphthalene
Concen: 4.358 ug/L
RT: 13.496 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD005313

Tgt Ion:128 Resp: 120738

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.2	12.2
127	13.2	10.4	15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.955 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV028241.D
Acq: 30 Sep 2022 21:08

Tgt Ion:180 Resp: 75820

Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.4	116.0
145	29.6	24.6	36.8

