

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120822\
 Data File : VW029467.D
 Acq On : 08 Dec 2022 13:05
 Operator : SY/MD
 Sample : MDL04
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04

Quant Time: Dec 09 02:00:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 01:48:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	501437	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	467199	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	247966	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	111699	36.377	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.760%
7) Chloroethane-d5	1.561	69	94905	40.533	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.060%
11) 1,1-Dichloroethene-d2	2.105	63	146850	30.662	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.320%
21) 2-Butanone-d5	3.870	46	198524	105.985	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.980%
24) Chloroform-d	4.343	84	250798	43.404	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.024	65	153184	46.417	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.840%
32) Benzene-d6	5.043	84	528585	42.818	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.640%
36) 1,2-Dichloropropane-d6	6.063	67	169184	44.867	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.740%
41) Toluene-d8	7.310	98	484910	41.689	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.380%
43) trans-1,3-Dichloroprop...	7.612	79	79427	41.713	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.420%
47) 2-Hexanone-d5	8.082	63	163802	101.726	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.730%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	248197	46.061	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.120%
66) 1,2-Dichlorobenzene-d4	11.612	152	208273	44.123	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	9059	2.294	ug/L	96
3) Chloromethane	1.240	50	10447	2.320	ug/L	99
5) Vinyl chloride	1.307	62	9549	2.534	ug/L #	75
6) Bromomethane	1.516	94	4539	2.994	ug/L	98
8) Chloroethane	1.581	64	5582	2.661	ug/L	98
9) Trichlorofluoromethane	1.751	101	11355	2.407	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	7773	2.966	ug/L	85
12) 1,1-Dichloroethene	2.114	96	7829	2.921	ug/L #	1
13) Acetone	2.159	43	8230	6.744	ug/L	100
14) Carbon disulfide	2.291	76	21351	2.394	ug/L	99
15) Methyl Acetate	2.429	43	6966	2.506	ug/L #	75
16) Methylene chloride	2.503	84	9708	2.913	ug/L	94
17) trans-1,2-Dichloroethene	2.761	96	7561	2.448	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	23781	2.513	ug/L	98
19) 1,1-Dichloroethane	3.185	63	13469	2.546	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	8627	2.540	ug/L	83
23) Bromochloromethane	4.246	128	4333	2.478	ug/L	94
25) Chloroform	4.371	83	13994	2.551	ug/L	97
27) 1,2-Dichloroethane	5.133	62	9683	2.499	ug/L #	92

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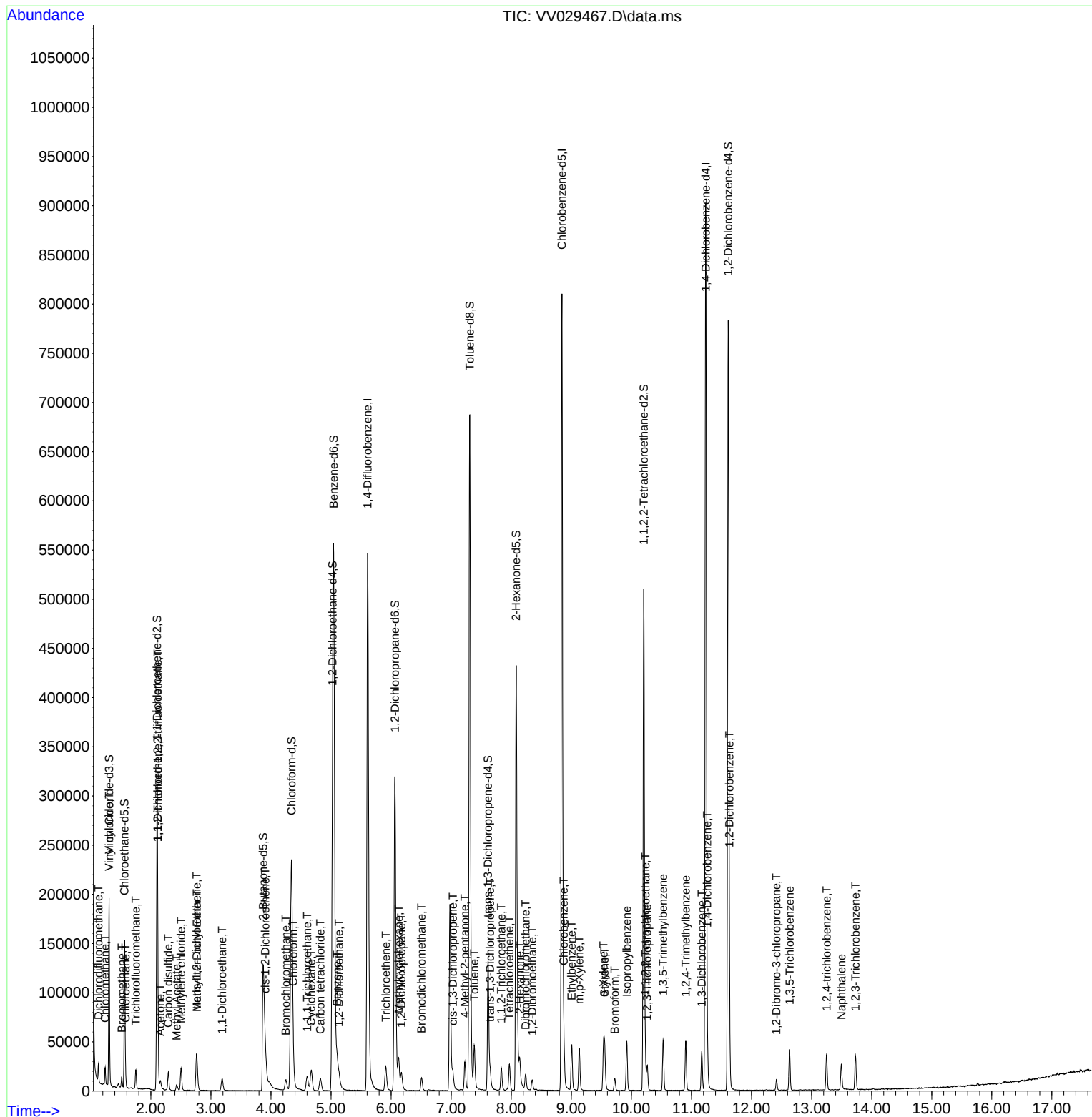
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.667	56	11594	2.291	ug/L	97
30) 1,1,1-Trichloroethane	4.603	97	12425	2.441	ug/L	97
31) Carbon tetrachloride	4.822	117	10088	2.270	ug/L	97
33) Benzene	5.098	78	30029	2.280	ug/L	100
34) Trichloroethene	5.912	95	7966	2.414	ug/L	97
35) Methylcyclohexane	6.127	83	13331	2.379	ug/L	98
37) 1,2-Dichloropropane	6.172	63	7402	2.329	ug/L #	96
38) Bromodichloromethane	6.506	83	9908	2.258	ug/L	88
39) cis-1,3-Dichloropropene	7.027	75	10593	2.026	ug/L	95
40) 4-Methyl-2-pentanone	7.227	43	18216	4.807	ug/L	99
42) Toluene	7.384	91	33449	2.360	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	11223	2.267	ug/L	96
45) 1,1,2-Trichloroethane	7.834	97	7800	2.375	ug/L	95
46) Tetrachloroethene	7.969	164	6742	2.541	ug/L	94
48) 2-Hexanone	8.143	43	15175	5.241	ug/L #	90
49) Dibromochloromethane	8.239	129	8331	2.298	ug/L	94
50) 1,2-Dibromoethane	8.349	107	8033	2.375	ug/L #	99
51) Chlorobenzene	8.873	112	22454	2.502	ug/L	99
52) Ethylbenzene	9.005	91	34233	2.297	ug/L	98
53) m,p-Xylene	9.133	106	13252	2.247	ug/L	98
54) o-Xylene	9.535	106	12980	2.225	ug/L	95
55) Styrene	9.555	104	22281	2.198	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.233	83	13298	2.532	ug/L #	92
59) Bromoform	9.722	173	6147	2.244	ug/L	97
60) Isopropylbenzene	9.924	105	33771	2.320	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	10319	2.696	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	28794	2.237	ug/L	98
63) 1,2,4-Trimethylbenzene	10.905	105	27959	2.191	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	17028	2.392	ug/L	98
65) 1,4-Dichlorobenzene	11.262	146	18386	2.541	ug/L	94
67) 1,2-Dichlorobenzene	11.632	146	18777	2.580	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	2834	2.382	ug/L	87
69) 1,3,5-Trichlorobenzene	12.635	180	13392	2.364	ug/L	98
70) 1,2,4-trichlorobenzene	13.252	180	12034	2.389	ug/L	98
71) Naphthalene	13.496	128	23643	2.069	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	11262	2.283	ug/L	97

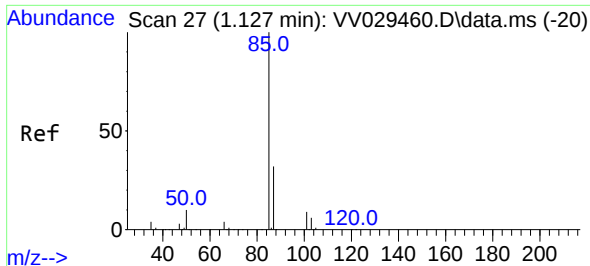
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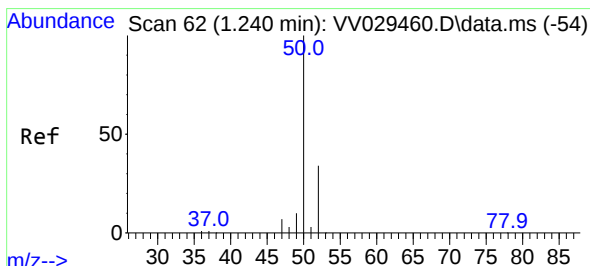
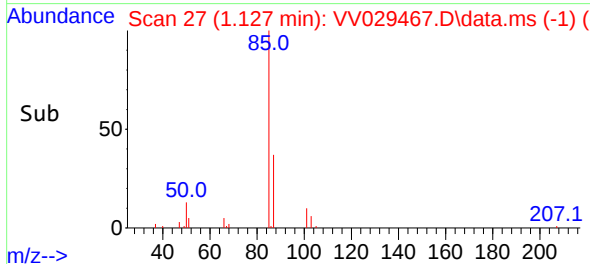
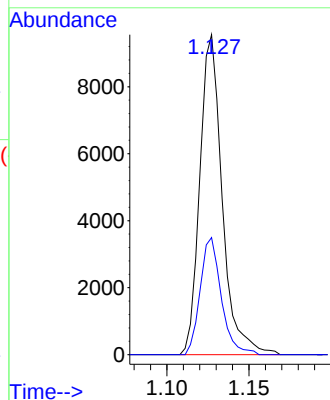
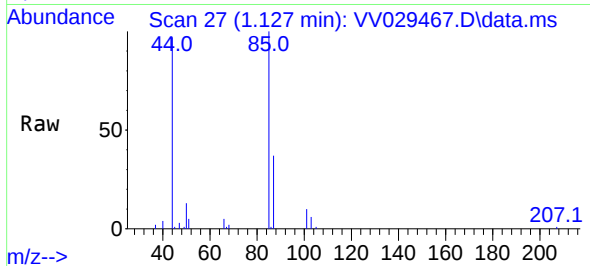




#2
Dichlorodifluoromethane
Concen: 2.294 ug/L
RT: 1.127 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

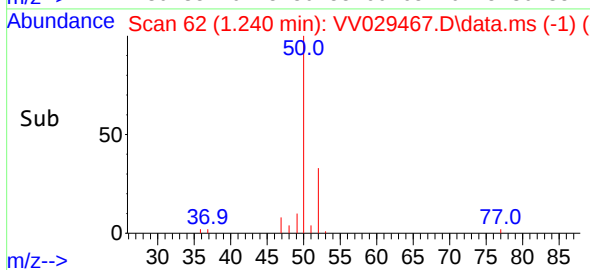
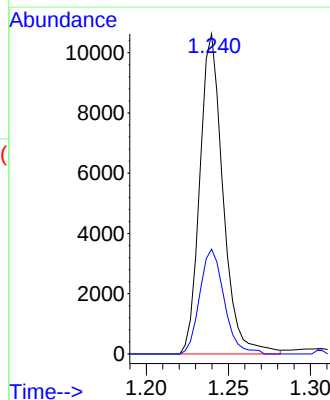
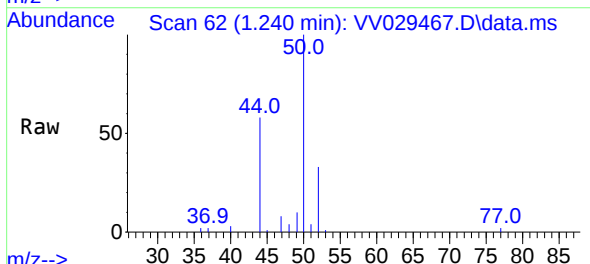
Instrument :
MSVOA_V
ClientSampleId :
MDL04

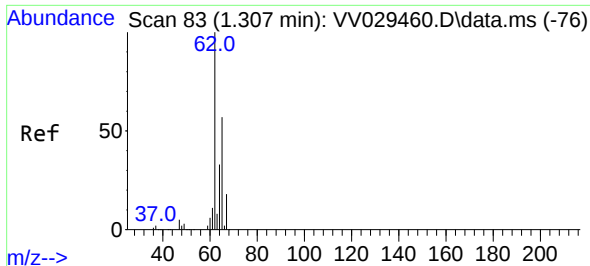
Tgt Ion: 85 Resp: 9059
Ion Ratio Lower Upper
85 100
87 34.5 25.9 38.9



#3
Chloromethane
Concen: 2.320 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

Tgt Ion: 50 Resp: 10447
Ion Ratio Lower Upper
50 100
52 32.7 23.3 43.3

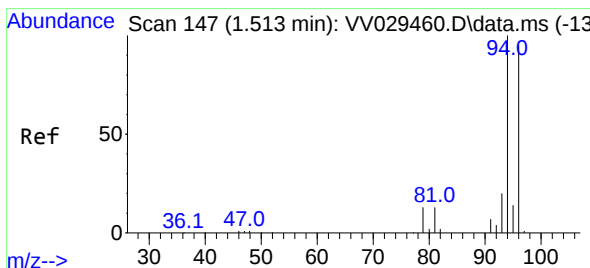
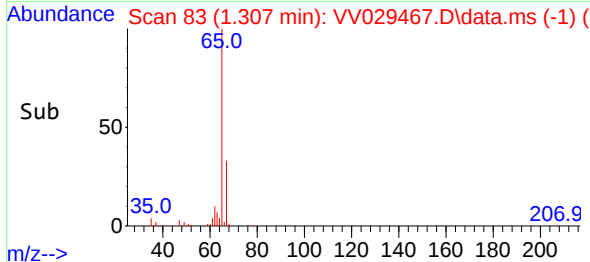
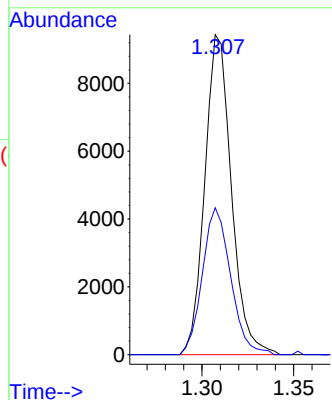
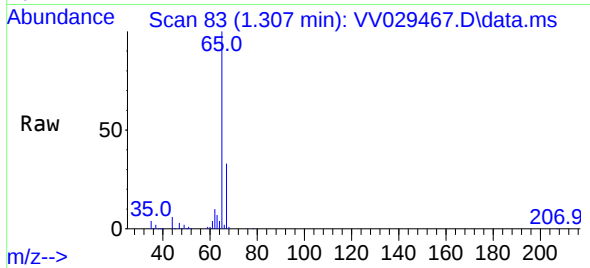




#5
 Vinyl chloride
 Concen: 2.534 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV029467.D
 Acq: 08 Dec 2022 13:05

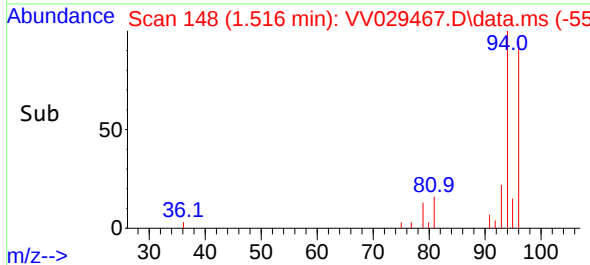
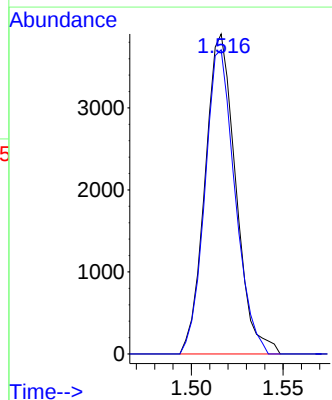
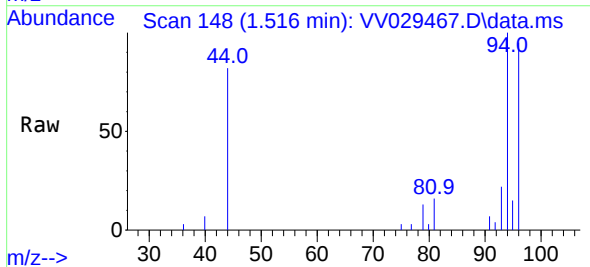
Instrument :
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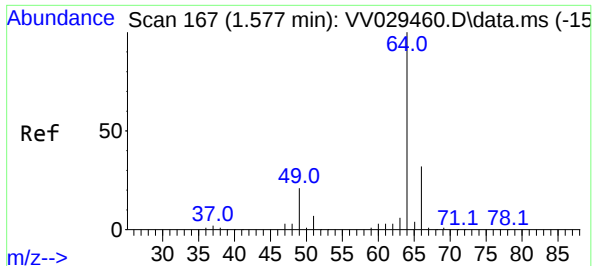
Tgt Ion: 62 Resp: 9549
 Ion Ratio Lower Upper
 62 100
 64 45.9 22.5 41.9#



#6
 Bromomethane
 Concen: 2.994 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV029467.D
 Acq: 08 Dec 2022 13:05

Tgt Ion: 94 Resp: 4539
 Ion Ratio Lower Upper
 94 100
 96 95.0 65.1 120.9

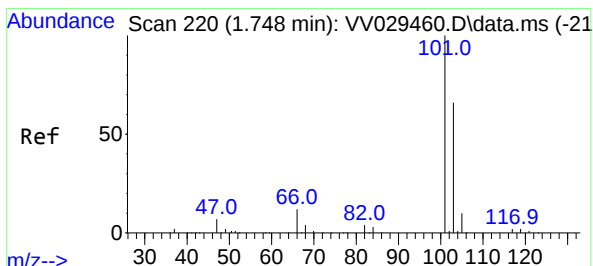
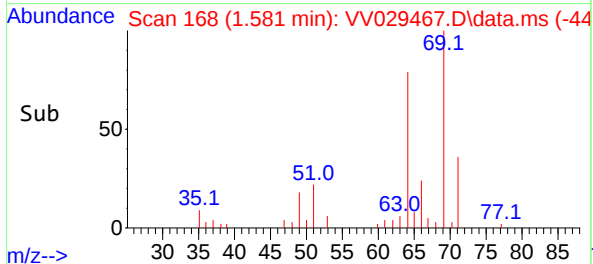
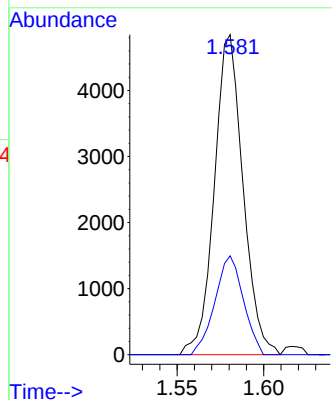
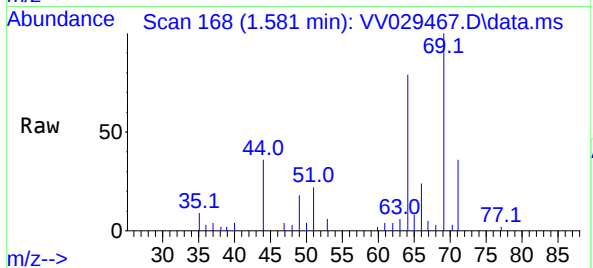




#8
Chloroethane
Concen: 2.661 ug/L
RT: 1.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

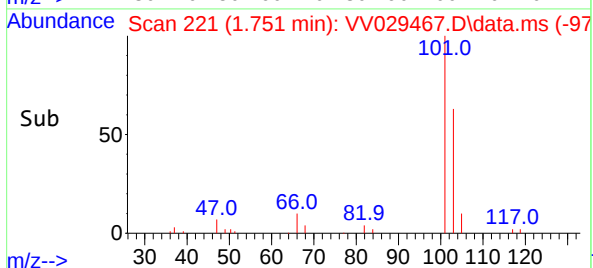
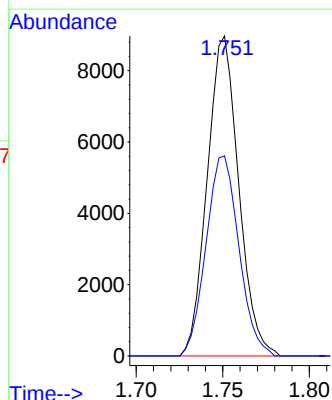
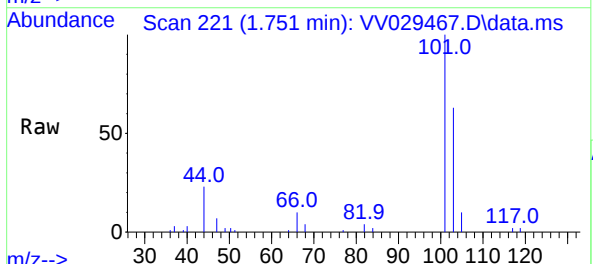
Instrument :
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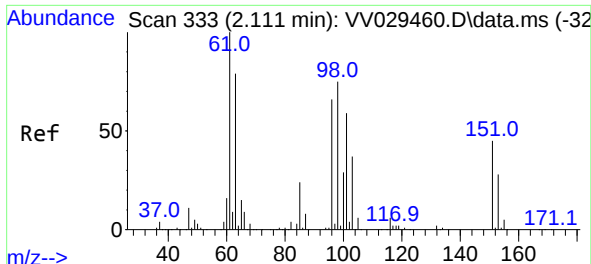
Tgt Ion: 64 Resp: 5582
Ion Ratio Lower Upper
64 100
66 30.9 22.5 41.9



#9
Trichlorofluoromethane
Concen: 2.407 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

Tgt Ion:101 Resp: 11355
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.8

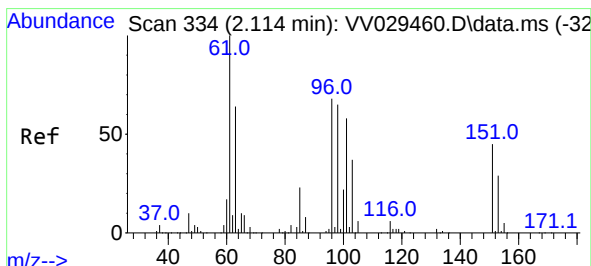
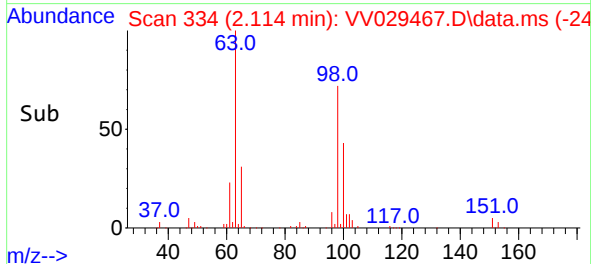
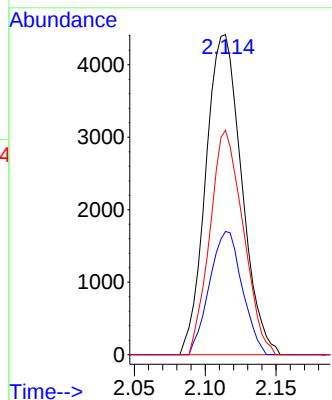
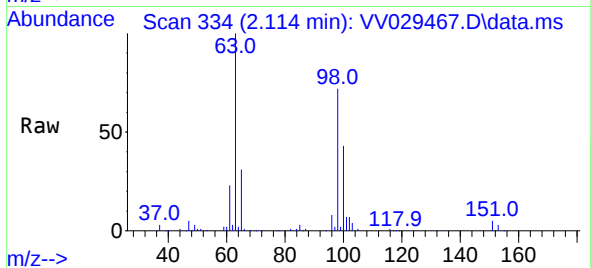




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.966 ug/L
RT: 2.114 min Scan# 333
Delta R.T. -0.000 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

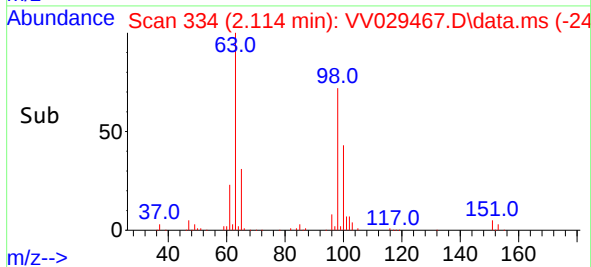
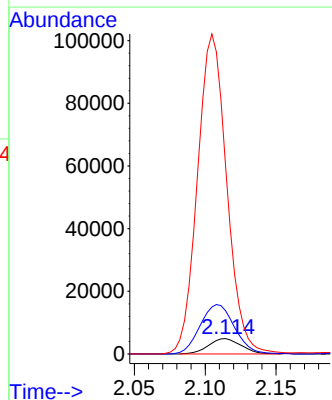
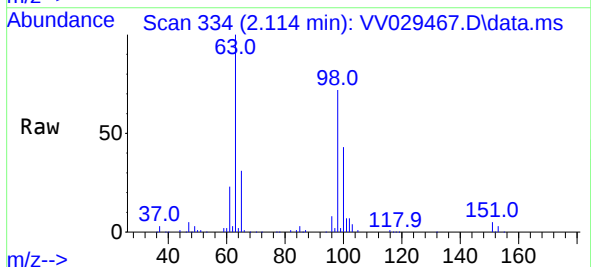
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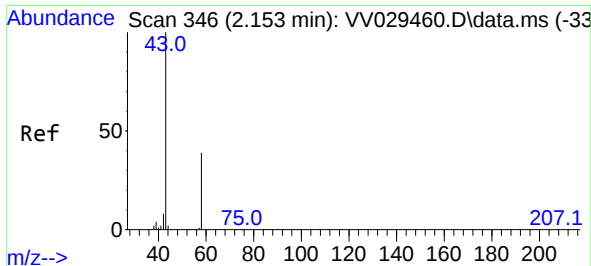
Tgt Ion:101 Resp: 7773
Ion Ratio Lower Upper
101 100
85 35.0 33.6 50.4
151 65.0 63.5 95.3



#12
1,1-Dichloroethene
Concen: 2.921 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

Tgt Ion: 96 Resp: 7829
Ion Ratio Lower Upper
96 100
61 282.7 103.3 191.9#
63 1234.0 77.3 143.7#





#13

Acetone

Concen: 6.744 ug/L

RT: 2.159 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV029467.D

Acq: 08 Dec 2022 13:05

Instrument :

MSVOA_V

ClientSampleId :

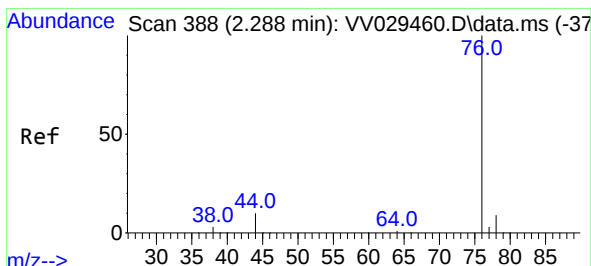
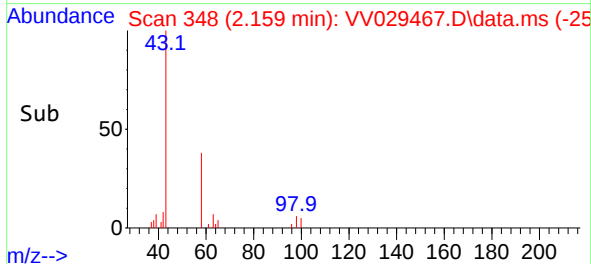
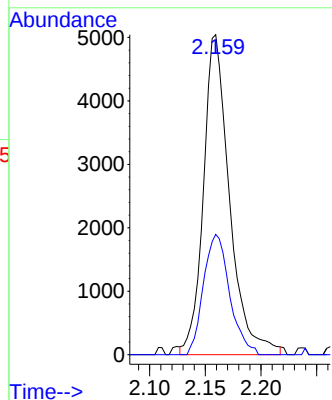
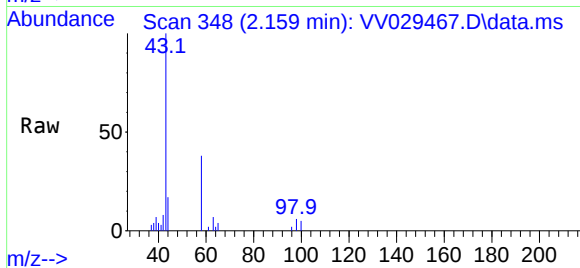
MDL04

Tgt Ion: 43 Resp: 8230

Ion Ratio Lower Upper

43 100

58 37.5 0.0 74.8



#14

Carbon disulfide

Concen: 2.394 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.000 min

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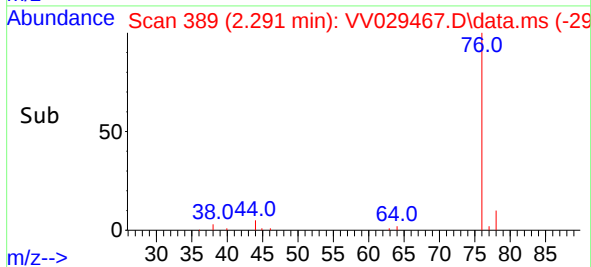
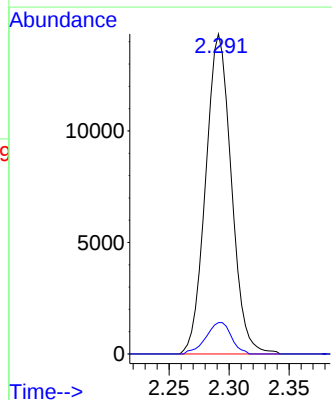
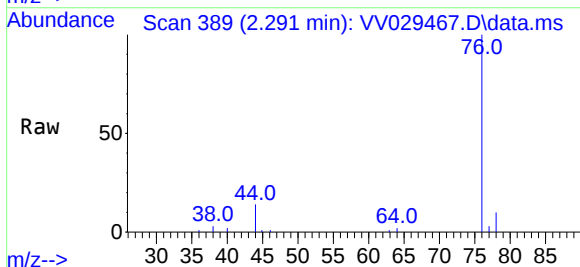
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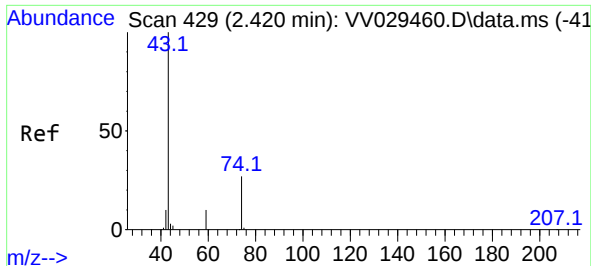
Tgt Ion: 76 Resp: 21351

Ion Ratio Lower Upper

76 100

78 9.8 7.4 11.2

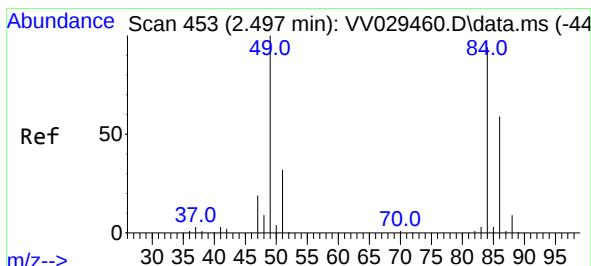
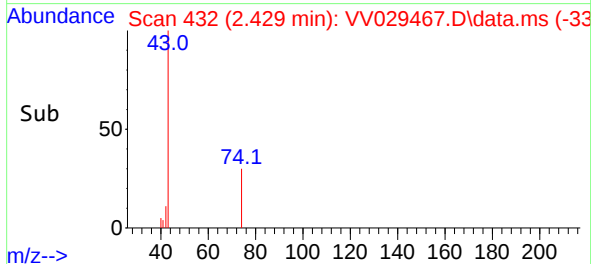
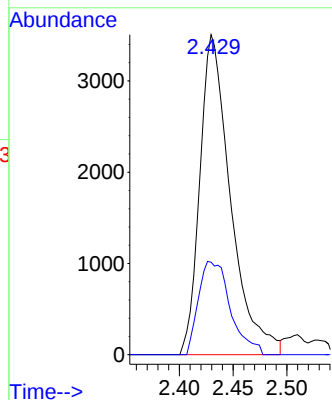
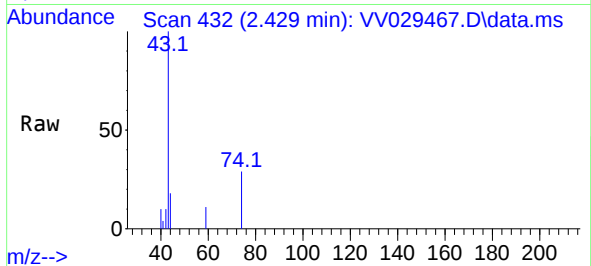




#15
Methyl Acetate
Concen: 2.506 ug/L
RT: 2.429 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

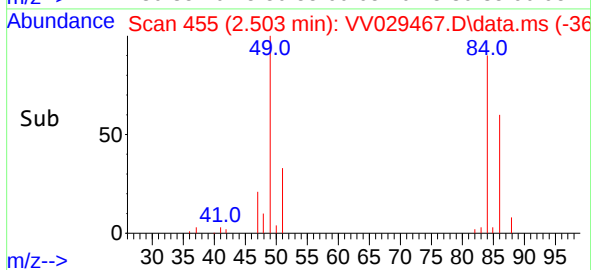
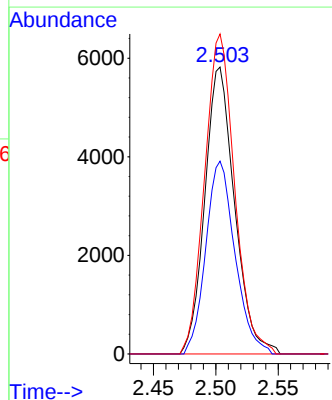
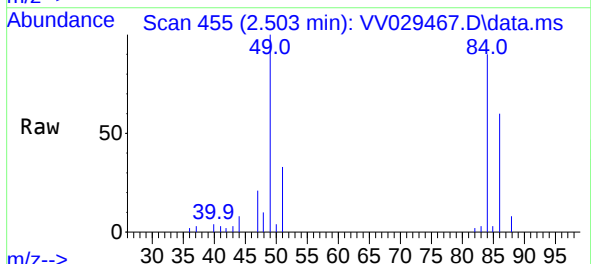
Instrument :
MSVOA_V
ClientSampleId :
MDL04

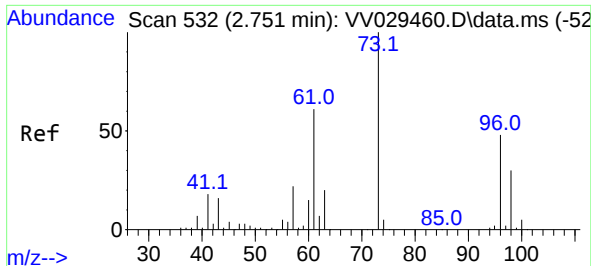
Tgt Ion: 43 Resp: 6966
Ion Ratio Lower Upper
43 100
74 15.9 23.5 35.3#



#16
Methylene chloride
Concen: 2.913 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

Tgt Ion: 84 Resp: 9708
Ion Ratio Lower Upper
84 100
86 67.2 46.0 85.4
49 111.5 72.2 134.0

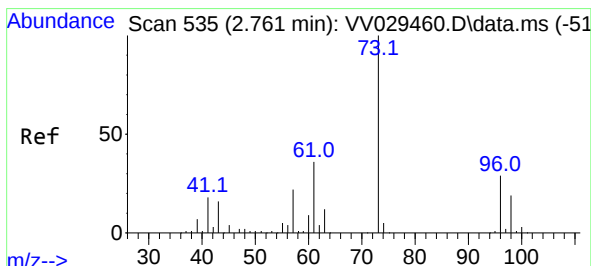
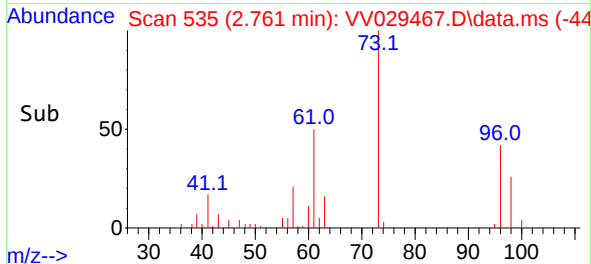
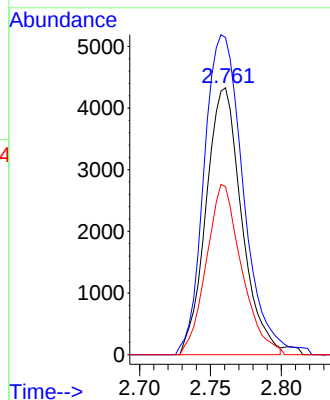
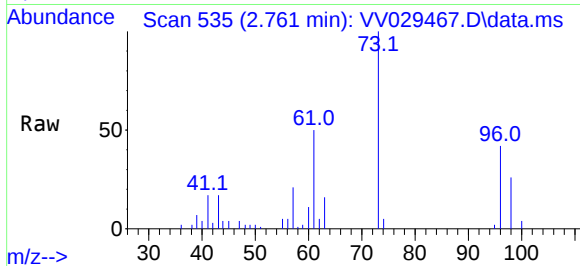




#17
trans-1,2-Dichloroethene
Concen: 2.448 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

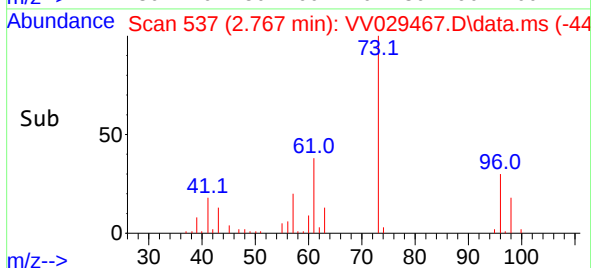
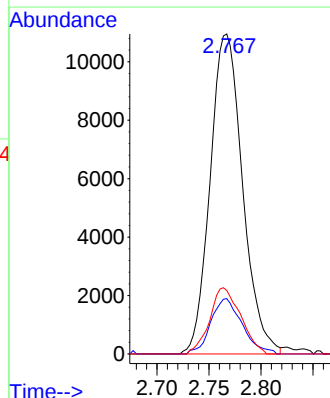
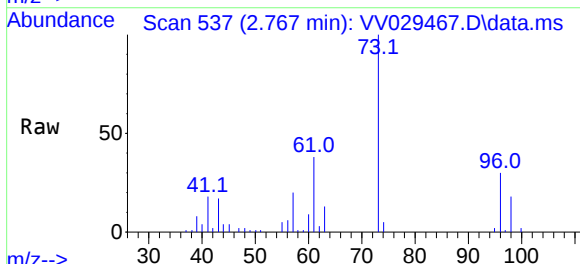
Instrument :
MSVOA_V
ClientSampleId :
MDL04

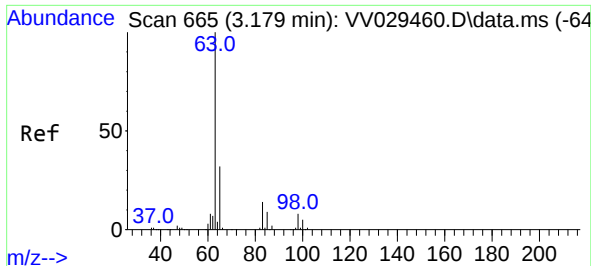
Tgt Ion: 96 Resp: 7561
Ion Ratio Lower Upper
96 100
61 118.9 86.4 160.4
98 63.0 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 2.513 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

Tgt Ion: 73 Resp: 23781
Ion Ratio Lower Upper
73 100
43 16.8 12.7 19.1
57 19.8 16.7 25.1





#19

1,1-Dichloroethane

Concen: 2.546 ug/L

RT: 3.185 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV029467.D

Acq: 08 Dec 2022 13:05

Instrument :

MSVOA_V

ClientSampleId :

MDL04

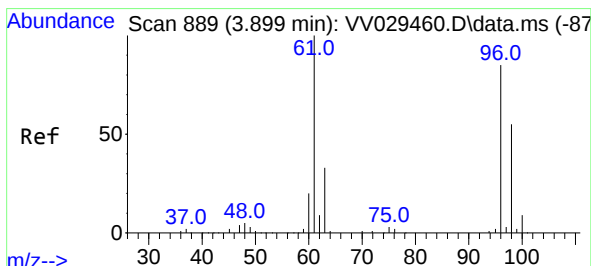
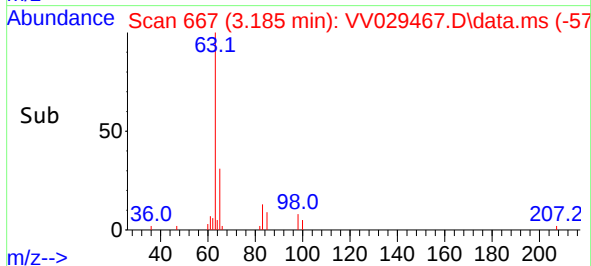
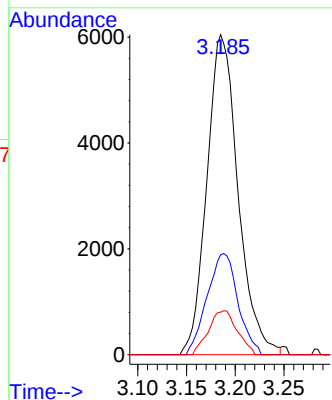
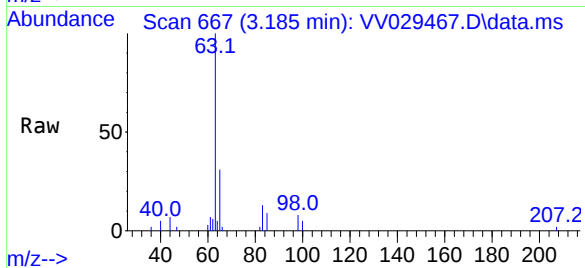
Tgt Ion: 63 Resp: 13469

Ion Ratio Lower Upper

63 100

65 31.2 22.5 41.7

83 13.3 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 2.540 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.000 min

Lab File: VV029467.D

Acq: 08 Dec 2022 13:05

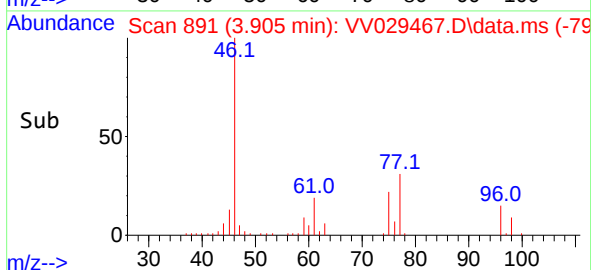
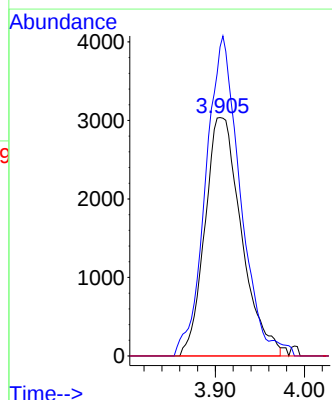
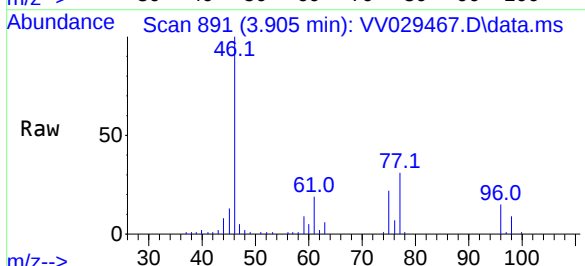
Tgt Ion: 96 Resp: 8627

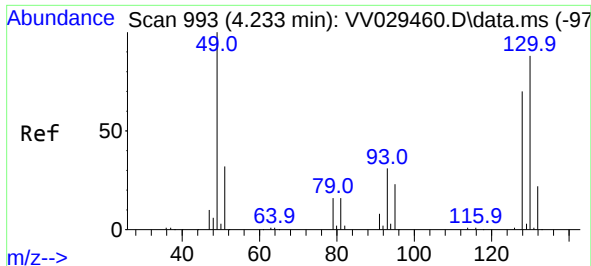
Ion Ratio Lower Upper

96 100

61 129.6 78.0 144.9

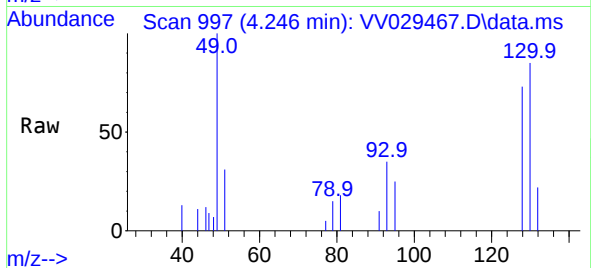
68 0.0 0.0 0.0





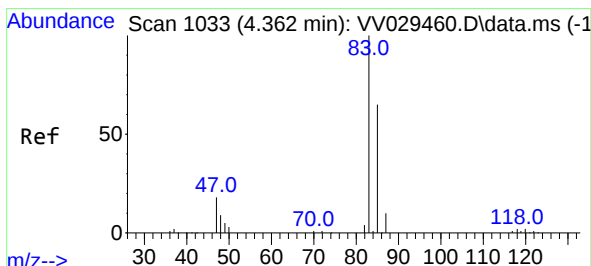
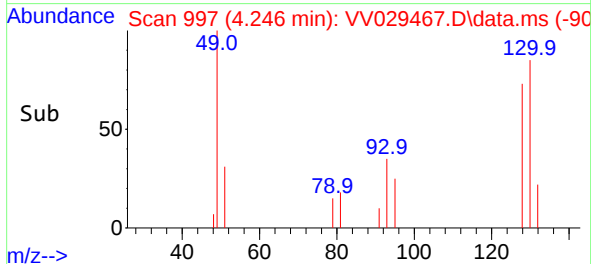
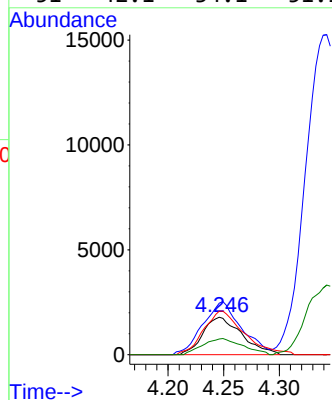
#23
Bromochloromethane
Concen: 2.478 ug/L
RT: 4.246 min Scan# 993
Delta R.T. 0.006 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

Instrument :
MSVOA_V
ClientSampleId :
MDL04



Tgt Ion:128 Resp: 4333

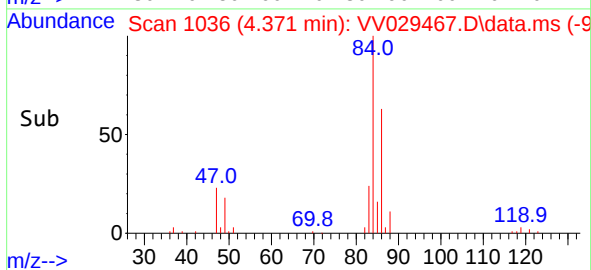
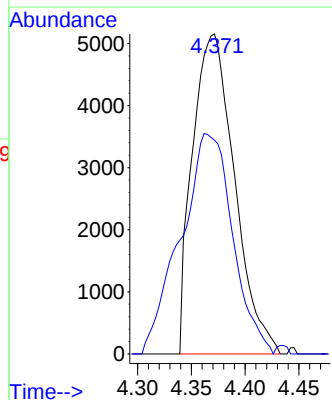
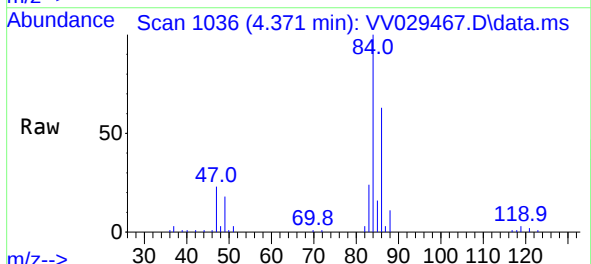
Ion	Ratio	Lower	Upper
128	100		
49	137.7	92.2	171.2
130	116.4	88.3	164.1
51	42.1	34.1	51.1

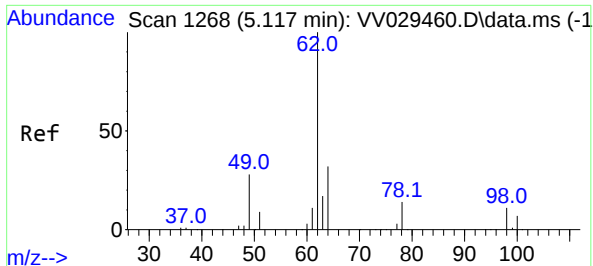


#25
Chloroform
Concen: 2.551 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

Tgt Ion: 83 Resp: 13994

Ion	Ratio	Lower	Upper
83	100		
85	66.8	45.1	83.9

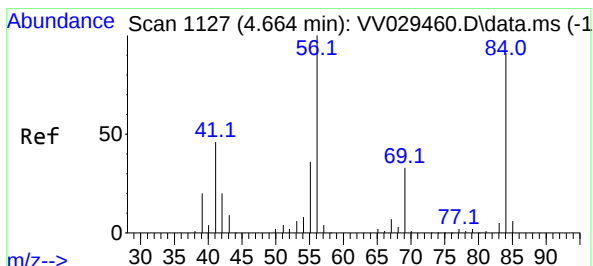
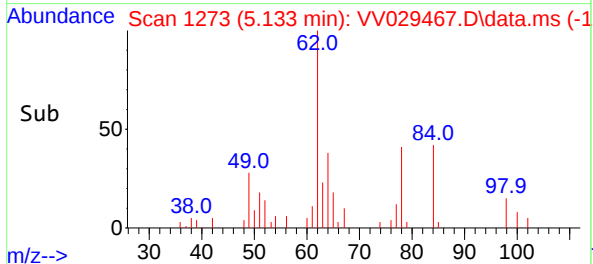
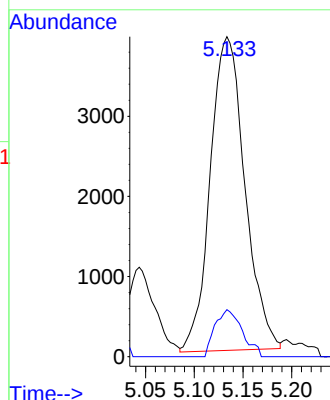
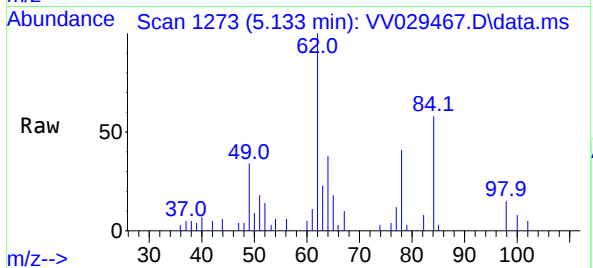




#27
1,2-Dichloroethane
Concen: 2.499 ug/L
RT: 5.133 min Scan# 1127
Delta R.T. 0.010 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

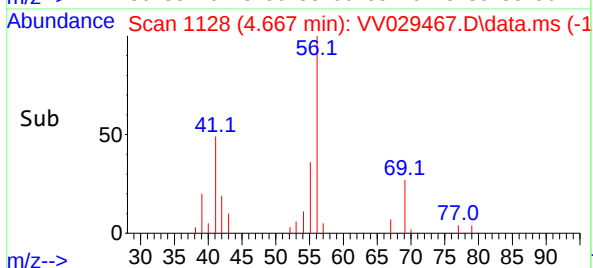
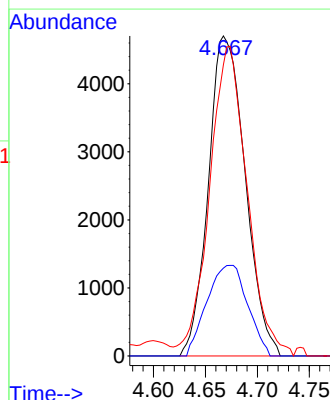
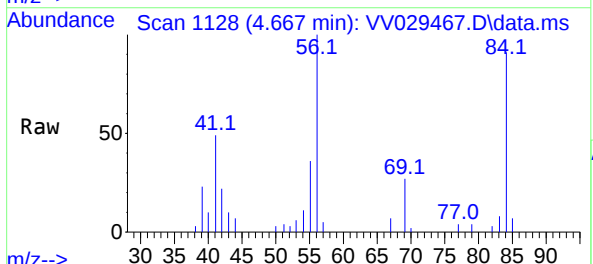
Instrument :
MSVOA_V
ClientSampleId :
MDL04

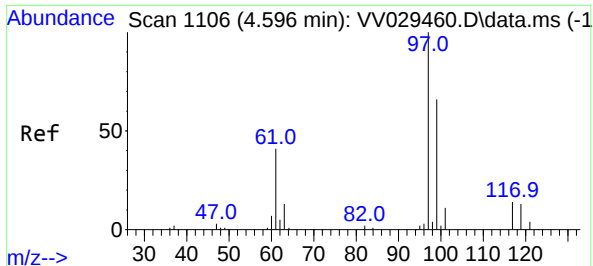
Tgt Ion: 62 Resp: 9683
Ion Ratio Lower Upper
62 100
98 14.7 9.4 14.0#



#29
Cyclohexane
Concen: 2.291 ug/L
RT: 4.667 min Scan# 1128
Delta R.T. -0.003 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

Tgt Ion: 56 Resp: 11594
Ion Ratio Lower Upper
56 100
69 31.2 25.8 38.8
84 98.7 76.6 114.8





#30

1,1,1-Trichloroethane

Concen: 2.441 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VV029467.D

Acq: 08 Dec 2022 13:05

Instrument :

MSVOA_V

ClientSampleId :

MDL04

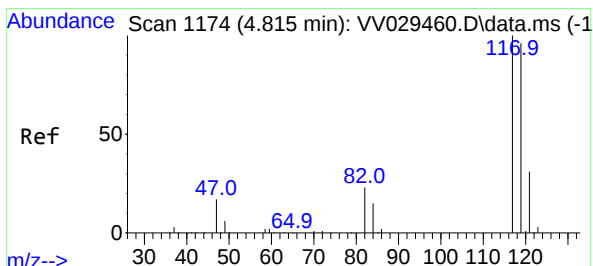
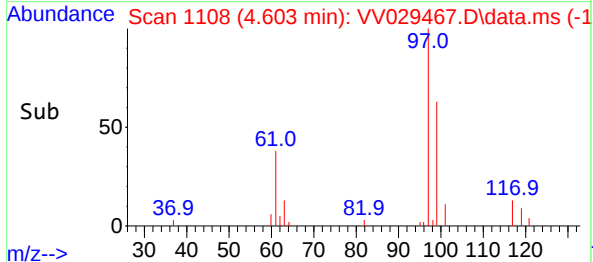
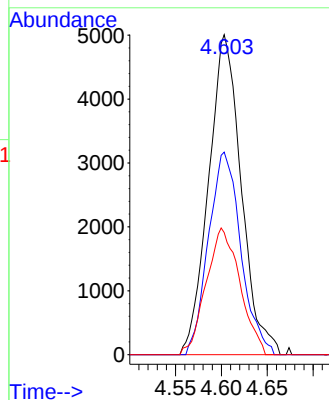
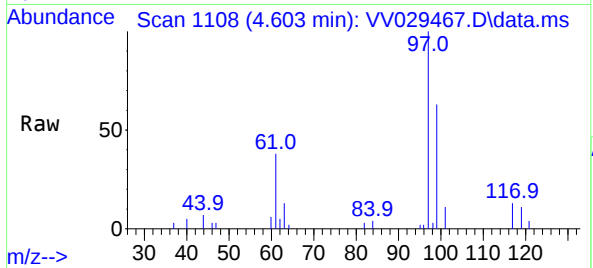
Tgt Ion: 97 Resp: 12425

Ion Ratio Lower Upper

97 100

99 62.6 52.1 78.1

61 40.9 31.8 47.8



#31

Carbon tetrachloride

Concen: 2.270 ug/L

RT: 4.822 min Scan# 1176

Delta R.T. -0.000 min

Lab File: VV029467.D

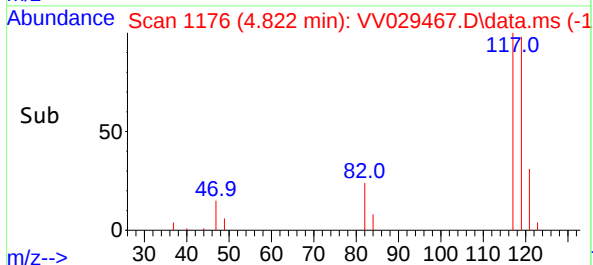
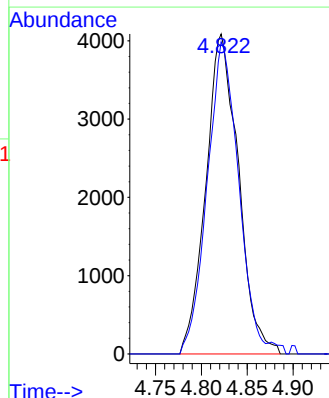
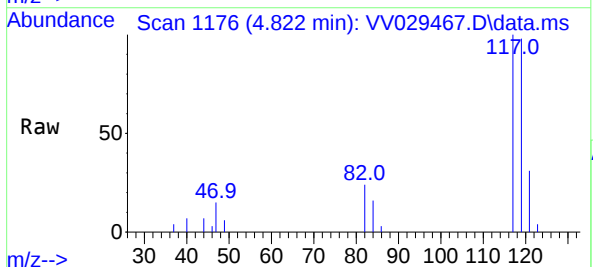
Acq: 08 Dec 2022 13:05

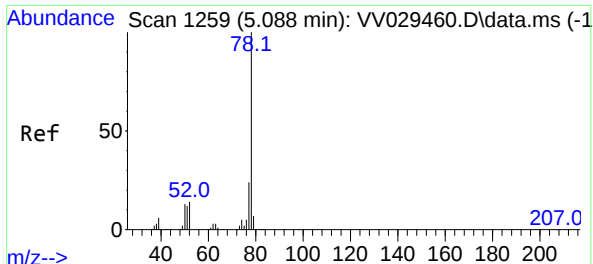
Tgt Ion: 117 Resp: 10088

Ion Ratio Lower Upper

117 100

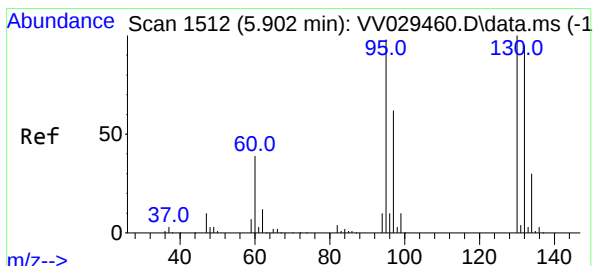
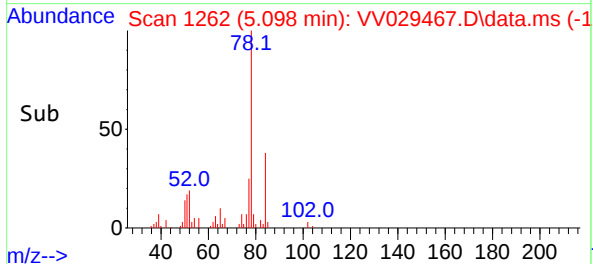
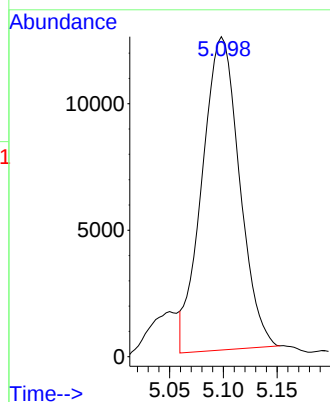
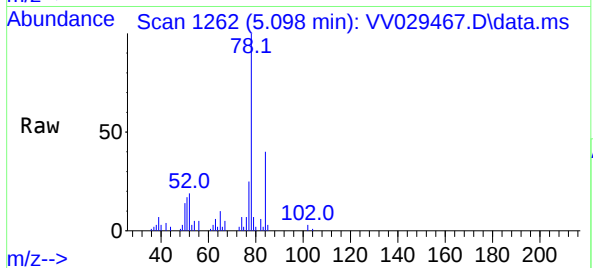
119 93.3 76.7 115.1





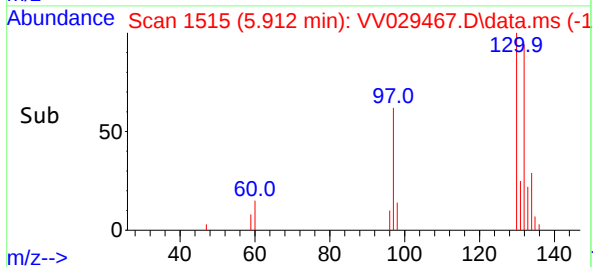
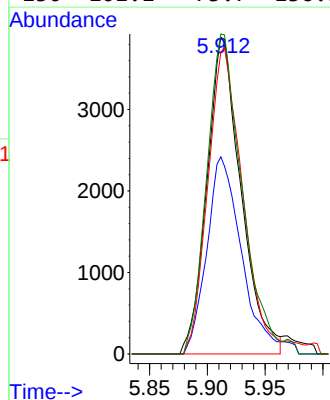
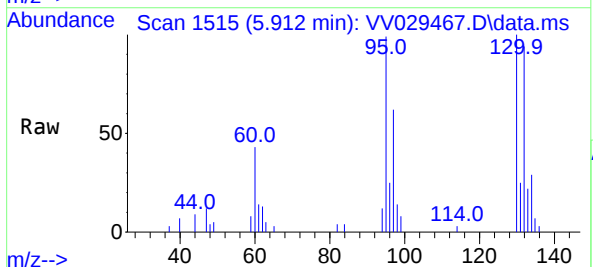
#33
Benzene
Concen: 2.280 ug/L
RT: 5.098 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05
Tgt Ion: 78 Resp: 30029

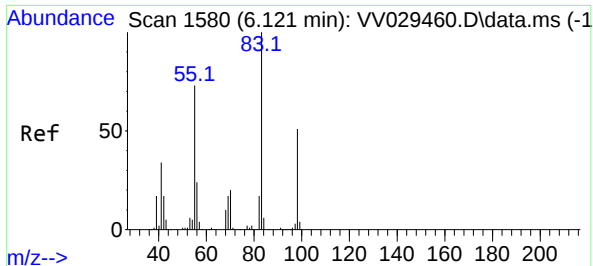
Instrument :
MSVOA_V
ClientSampleId :
MDL04



#34
Trichloroethene
Concen: 2.414 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

Tgt Ion: 95 Resp: 7966
Ion Ratio Lower Upper
95 100
97 62.3 44.0 81.8
132 95.3 69.9 129.9
130 101.1 73.7 136.9

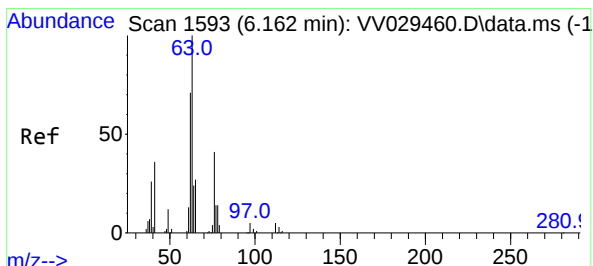
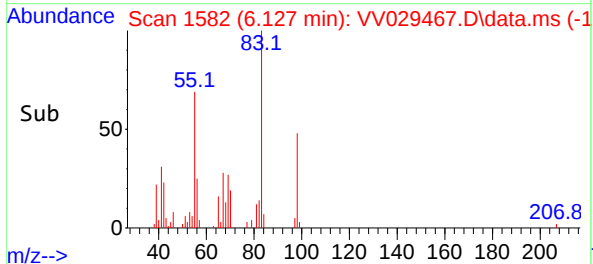
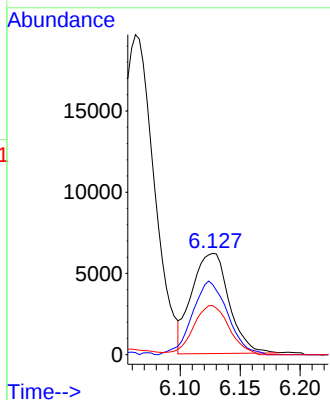
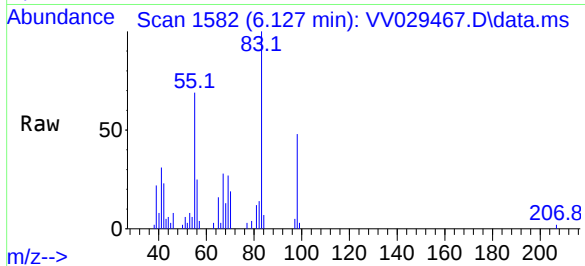




#35
Methylcyclohexane
Concen: 2.379 ug/L
RT: 6.127 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

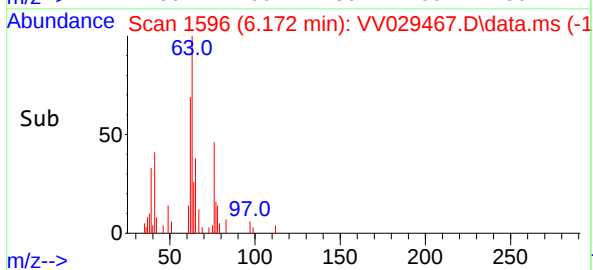
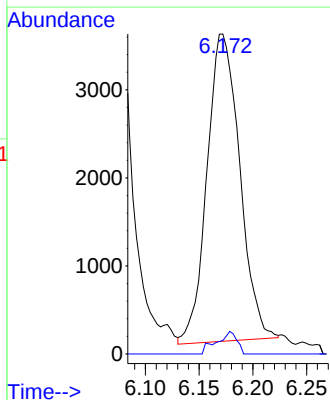
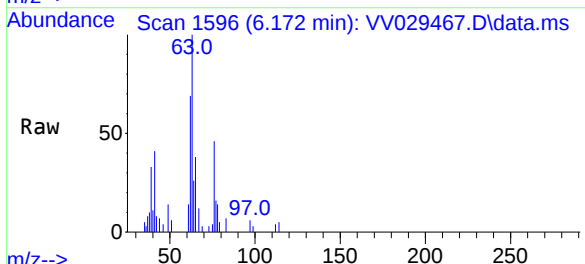
Instrument :
MSVOA_V
ClientSampleId :
MDL04

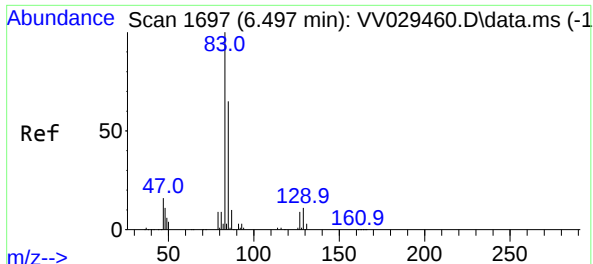
Tgt Ion: 83 Resp: 13331
Ion Ratio Lower Upper
83 100
55 69.4 55.5 83.3
98 47.0 39.8 59.8



#37
1,2-Dichloropropane
Concen: 2.329 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. 0.003 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

Tgt Ion: 63 Resp: 7402
Ion Ratio Lower Upper
63 100
112 3.6 3.9 5.9#

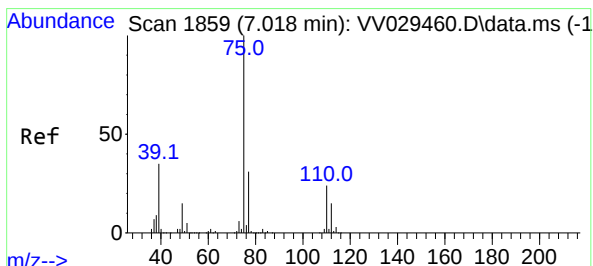
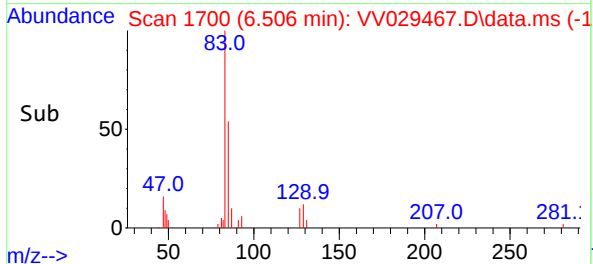
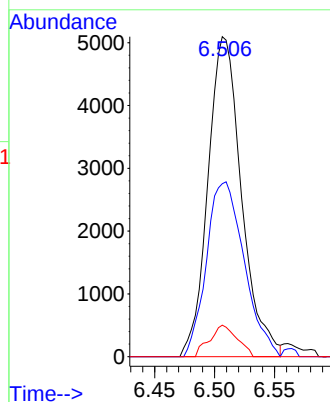
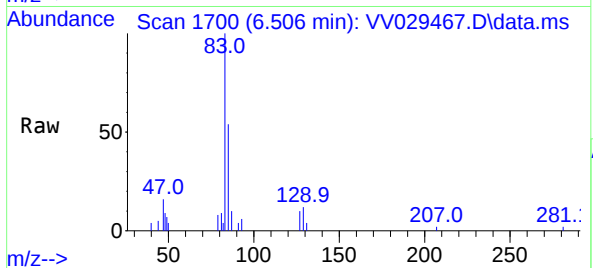




#38
Bromodichloromethane
Concen: 2.258 ug/L
RT: 6.506 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

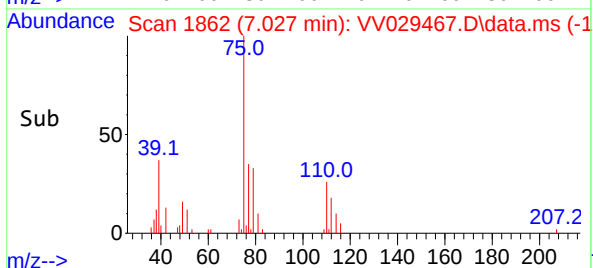
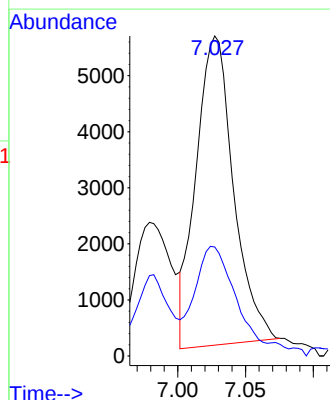
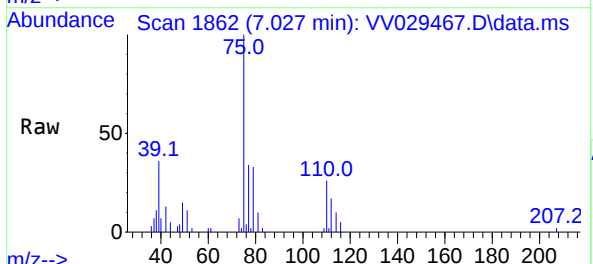
Instrument :
MSVOA_V
ClientSampleId :
MDL04

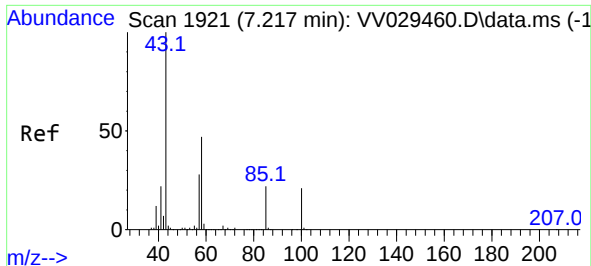
Tgt Ion: 83	Resp:	9908
Ion Ratio	Lower	Upper
83	100	
85	54.1	45.3 84.1
127	9.9	7.0 10.6



#39
cis-1,3-Dichloropropene
Concen: 2.026 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. 0.006 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

Tgt Ion: 75	Resp:	10593
Ion Ratio	Lower	Upper
75	100	
77	34.1	21.9 40.7

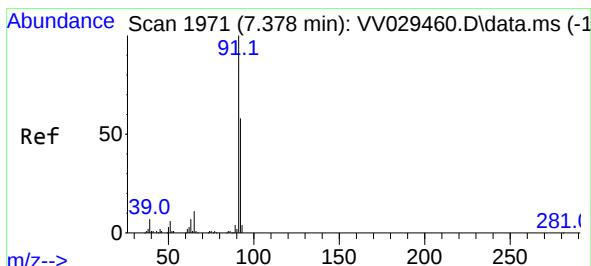
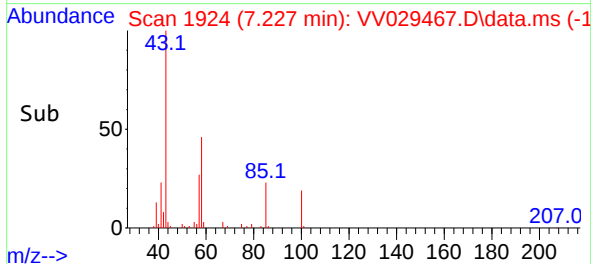
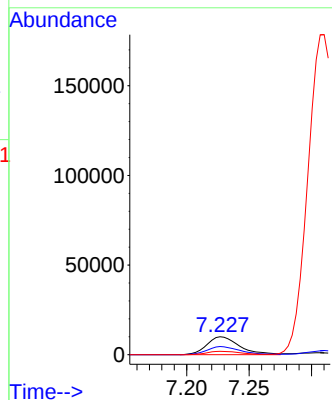
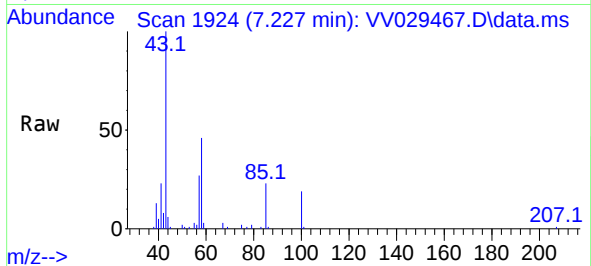




#40
4-Methyl-2-pentanone
Concen: 4.807 ug/L
RT: 7.227 min Scan# 1924
Delta R.T. 0.006 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

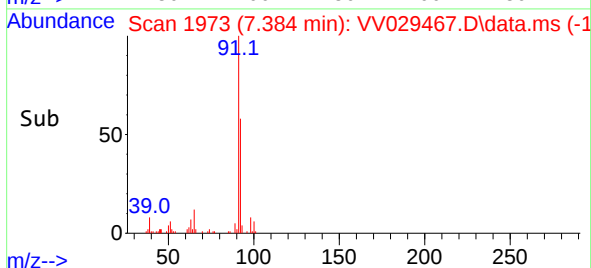
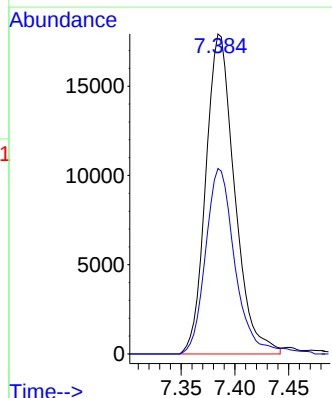
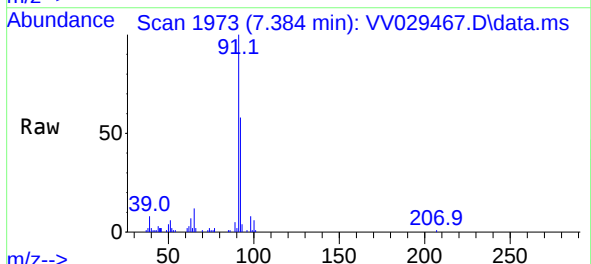
Instrument :
MSVOA_V
ClientSampleId :
MDL04

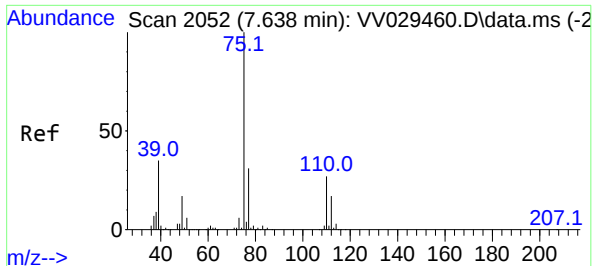
Tgt Ion:	43	Resp:	18216
Ion	Ratio	Lower	Upper
43	100		
58	46.5	37.5	56.3
100	19.4	16.7	25.1



#42
Toluene
Concen: 2.360 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. 0.003 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

Tgt Ion:	91	Resp:	33449
Ion	Ratio	Lower	Upper
91	100		
92	58.0	40.6	75.4

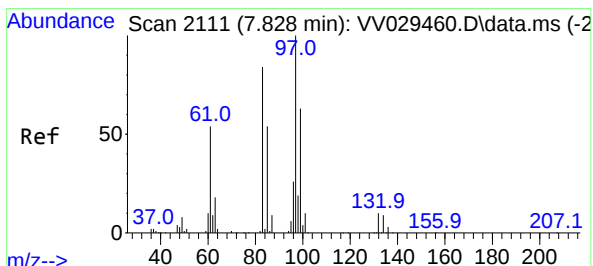
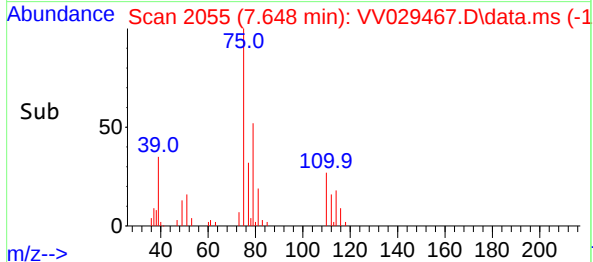
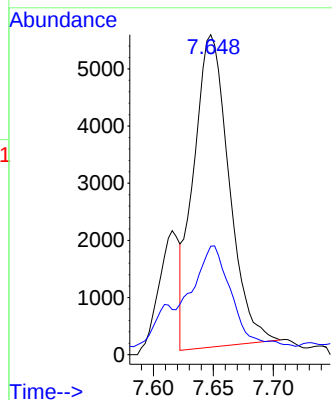
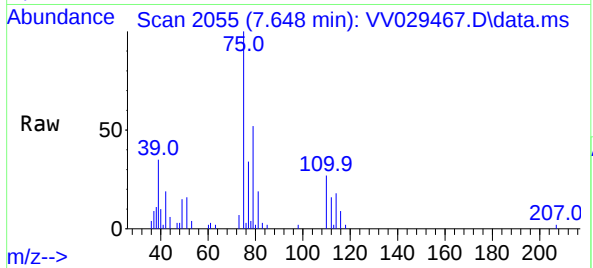




#44
trans-1,3-Dichloropropene
Concen: 2.267 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. 0.003 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

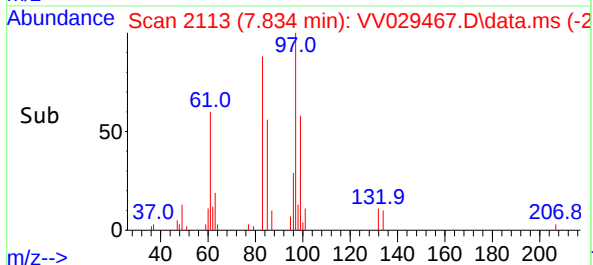
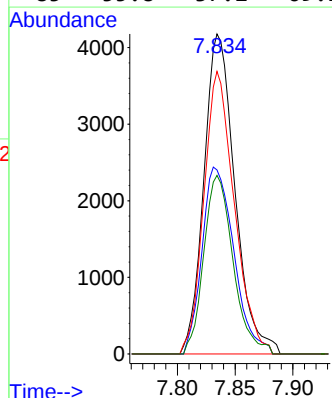
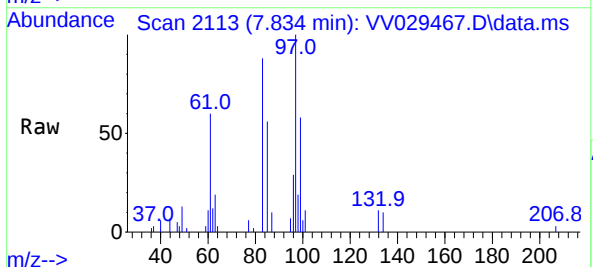
Instrument :
MSVOA_V
ClientSampleId :
MDL04

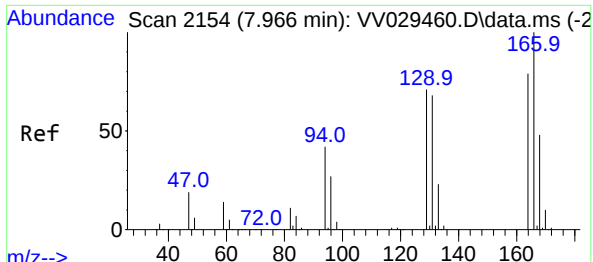
Tgt Ion: 75 Resp: 11223
Ion Ratio Lower Upper
75 100
77 33.9 22.3 41.5



#45
1,1,2-Trichloroethane
Concen: 2.375 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

Tgt Ion: 97 Resp: 7800
Ion Ratio Lower Upper
97 100
99 57.5 43.8 81.3
83 88.3 58.6 108.8
85 55.8 37.2 69.2



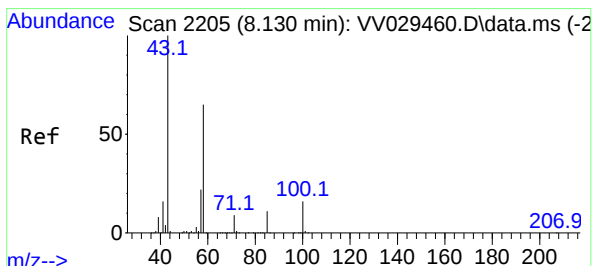
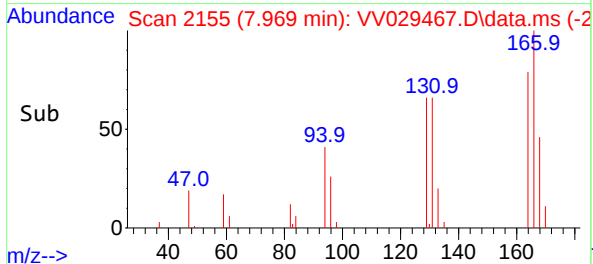
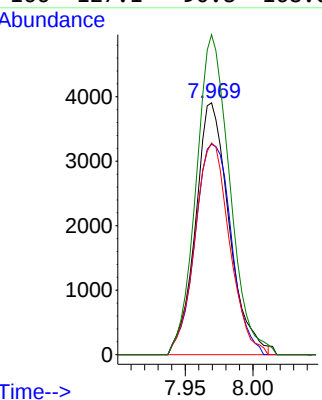
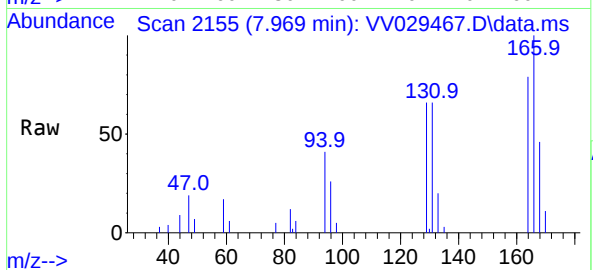


#46
Tetrachloroethene
Concen: 2.541 ug/L
RT: 7.969 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion:164 Resp: 6742

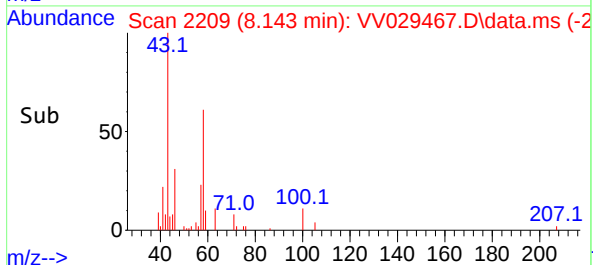
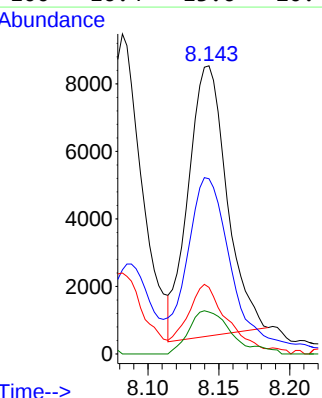
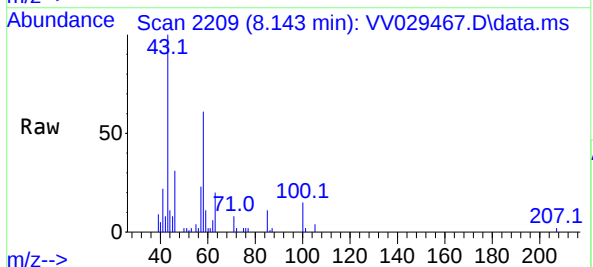
Ion	Ratio	Lower	Upper
164	100		
129	83.5	65.3	121.3
131	84.1	63.1	117.1
166	127.1	90.8	168.6

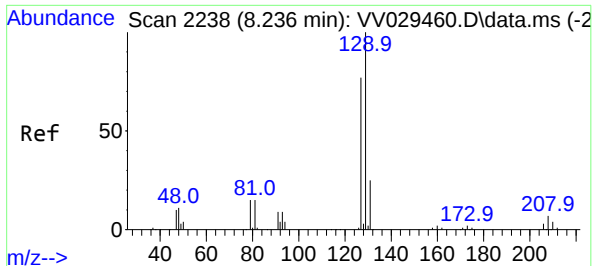


#48
2-Hexanone
Concen: 5.241 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.010 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

Tgt Ion: 43 Resp: 15175

Ion	Ratio	Lower	Upper
43	100		
58	77.1	54.1	81.1
57	27.0	17.4	26.0
100	16.4	13.6	20.4





#49

Dibromochloromethane

Concen: 2.298 ug/L

RT: 8.239 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV029467.D

Acq: 08 Dec 2022 13:05

Instrument :

MSVOA_V

ClientSampleId :

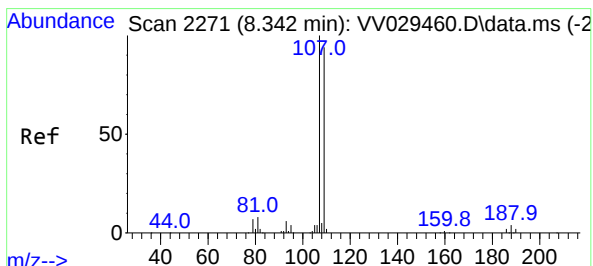
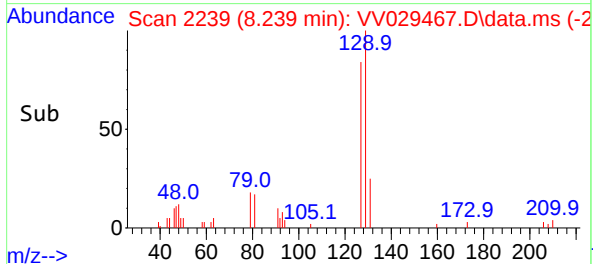
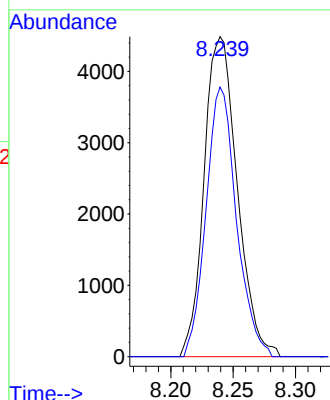
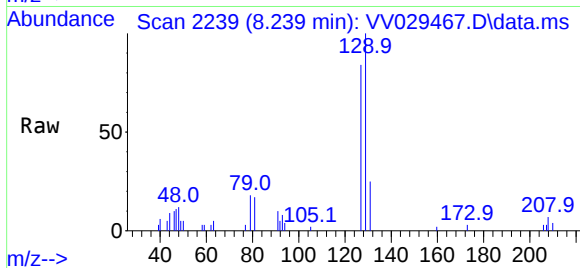
MDL04

Tgt Ion:129 Resp: 8331

Ion Ratio Lower Upper

129 100

127 84.3 55.2 102.4



#50

1,2-Dibromoethane

Concen: 2.375 ug/L

RT: 8.349 min Scan# 2273

Delta R.T. 0.003 min

Lab File: VV029467.D

Acq: 08 Dec 2022 13:05

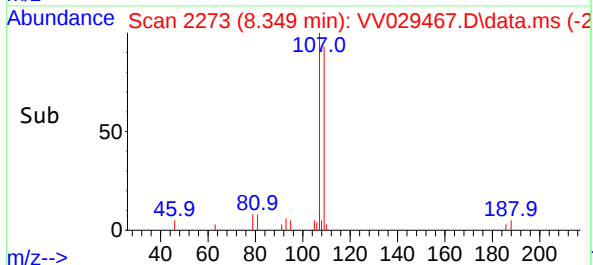
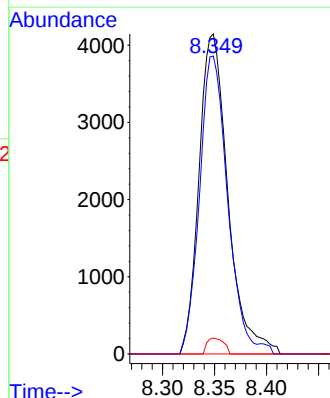
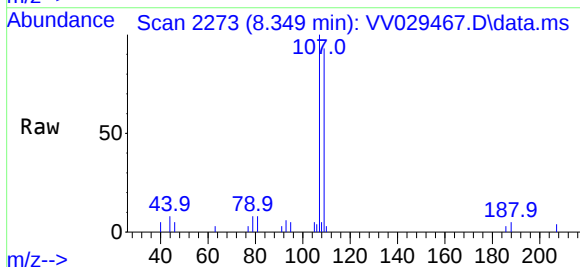
Tgt Ion:107 Resp: 8033

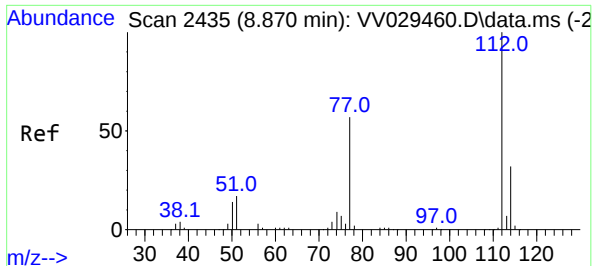
Ion Ratio Lower Upper

107 100

109 93.1 66.0 122.6

188 5.0 3.2 4.8#





#51

Chlorobenzene

Concen: 2.502 ug/L

RT: 8.873 min Scan# 2435

Delta R.T. -0.000 min

Lab File: VV029467.D

Acq: 08 Dec 2022 13:05

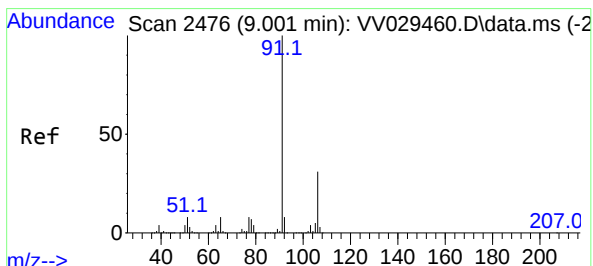
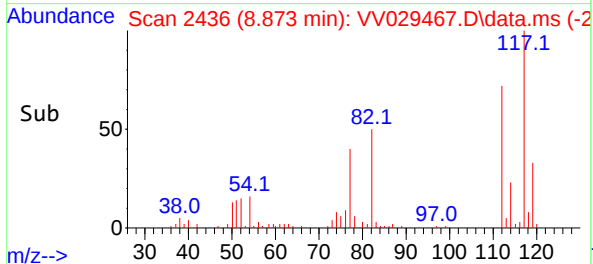
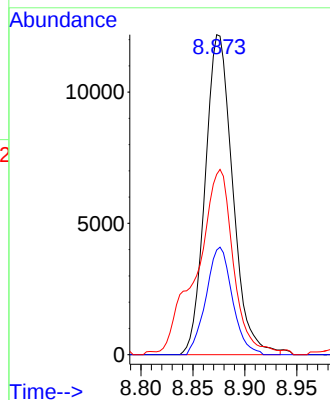
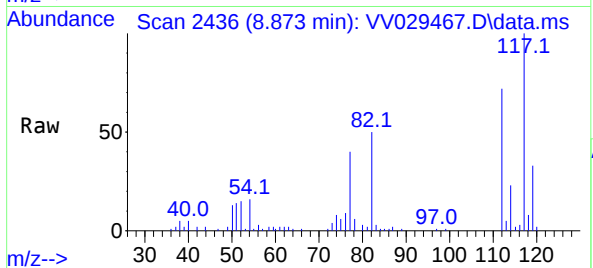
Instrument :

MSVOA_V

ClientSampleId :

MDL04

Tgt Ion:	112	Resp:	22454
Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.3	41.3
77	56.3	45.0	67.4



#52

Ethylbenzene

Concen: 2.297 ug/L

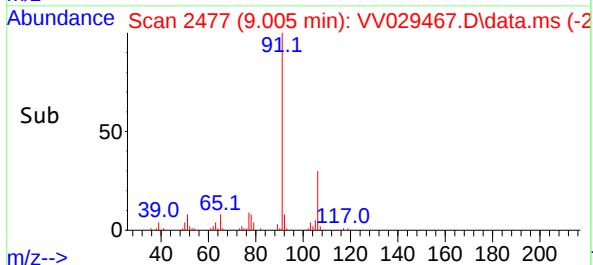
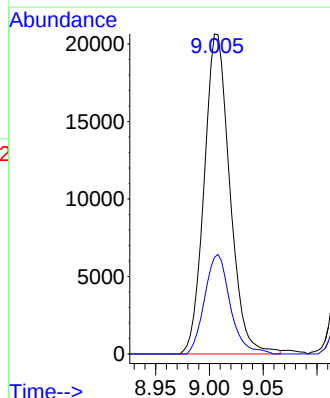
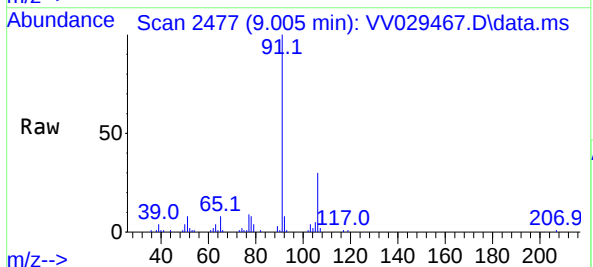
RT: 9.005 min Scan# 2477

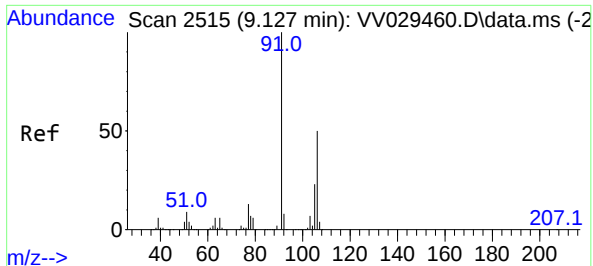
Delta R.T. -0.000 min

Lab File: VV029467.D

Acq: 08 Dec 2022 13:05

Tgt Ion:	91	Resp:	34233
Ion	Ratio	Lower	Upper
91	100		
106	30.2	21.8	40.6

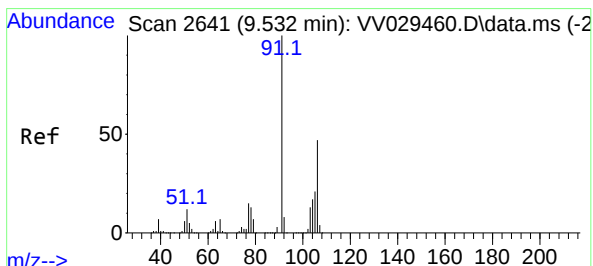
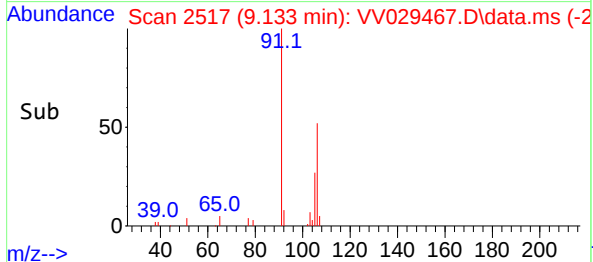
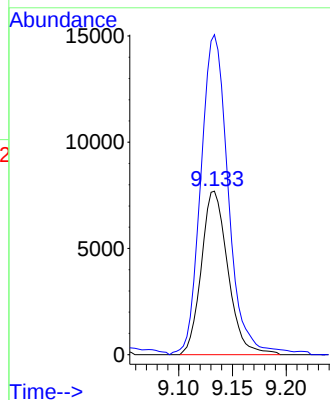
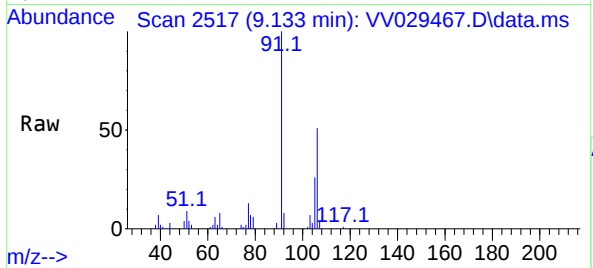




#53
m,p-Xylene
Concen: 2.247 ug/L
RT: 9.133 min Scan# 2515
Delta R.T. 0.003 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

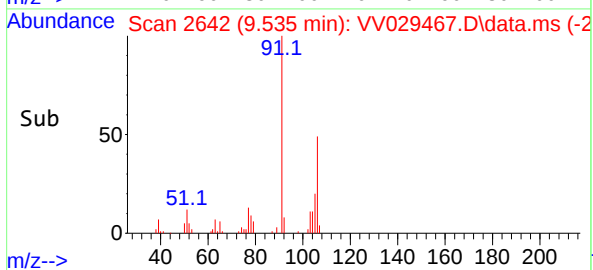
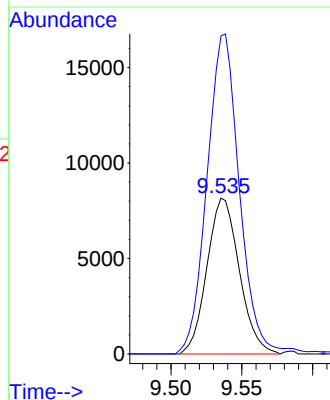
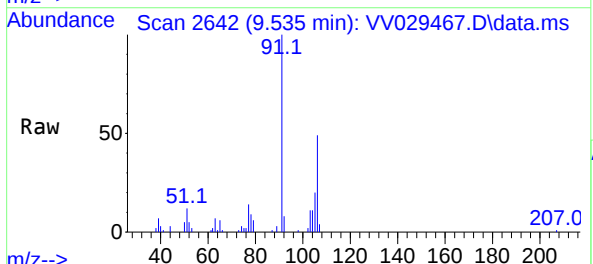
Instrument :
MSVOA_V
ClientSampleId :
MDL04

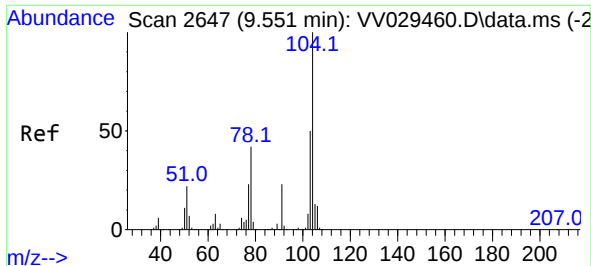
Tgt Ion:106 Resp: 13252
Ion Ratio Lower Upper
106 100
91 195.6 139.5 259.1



#54
o-Xylene
Concen: 2.225 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

Tgt Ion:106 Resp: 12980
Ion Ratio Lower Upper
106 100
91 204.1 148.0 274.8

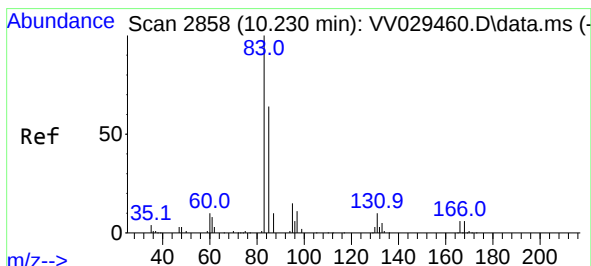
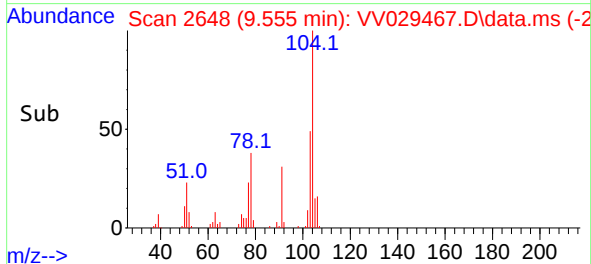
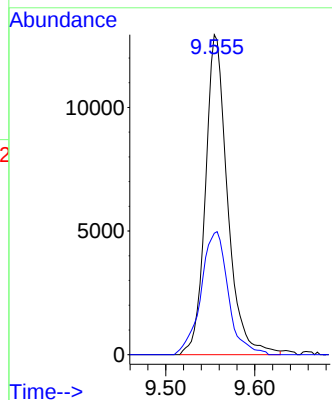
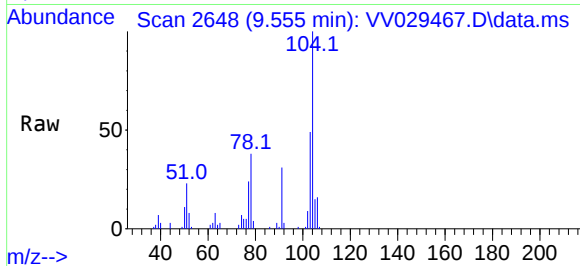




#55
Styrene
Concen: 2.198 ug/L
RT: 9.555 min Scan# 2648
Delta R.T. 0.003 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

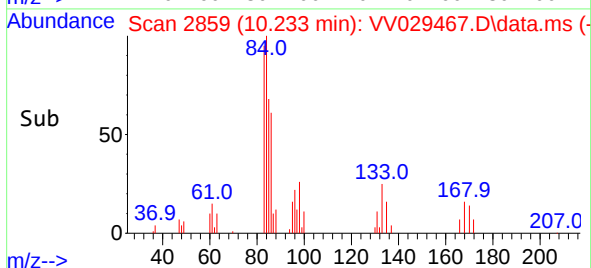
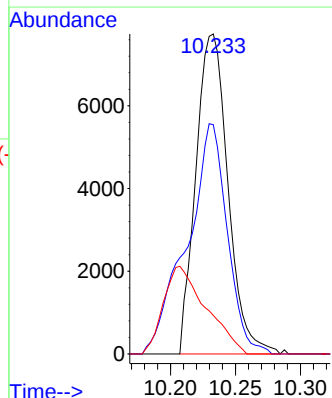
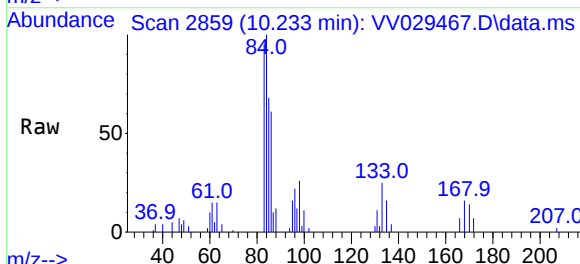
Instrument :
MSVOA_V
ClientSampleId :
MDL04

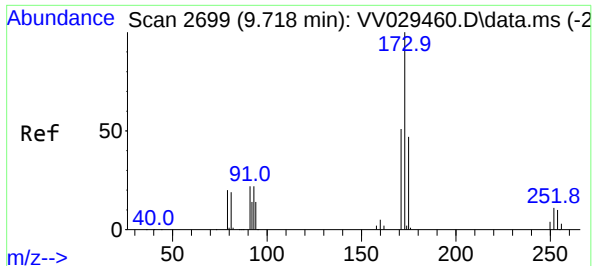
Tgt Ion:104 Resp: 22281
Ion Ratio Lower Upper
104 100
78 38.0 29.4 54.6



#57
1,1,2,2-Tetrachloroethane
Concen: 2.532 ug/L
RT: 10.233 min Scan# 2859
Delta R.T. 0.003 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

Tgt Ion: 83 Resp: 13298
Ion Ratio Lower Upper
83 100
85 71.6 45.7 84.9
131 12.1 7.9 11.9#

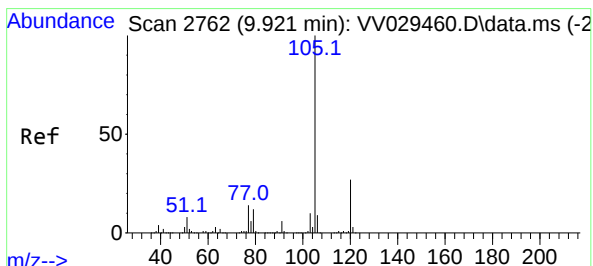
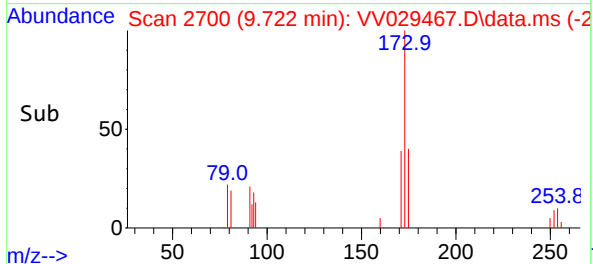
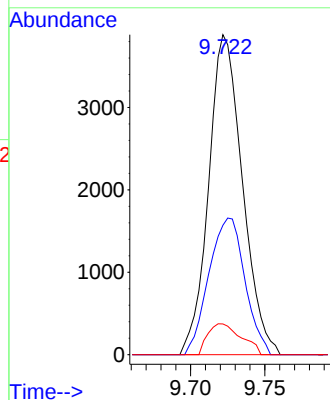
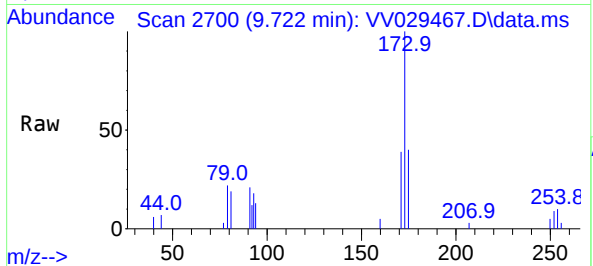




#59
Bromoform
Concen: 2.244 ug/L
RT: 9.722 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

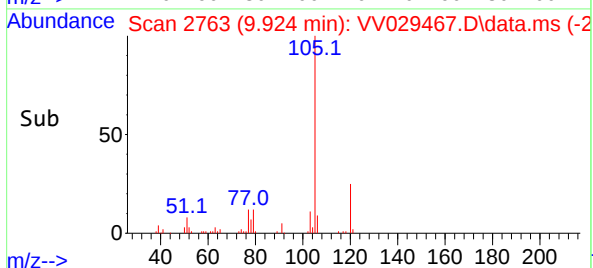
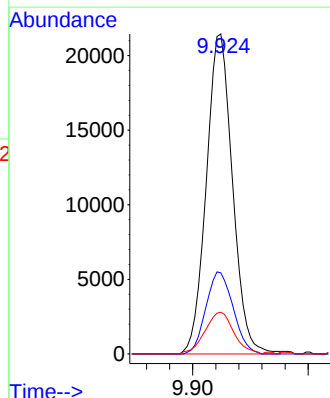
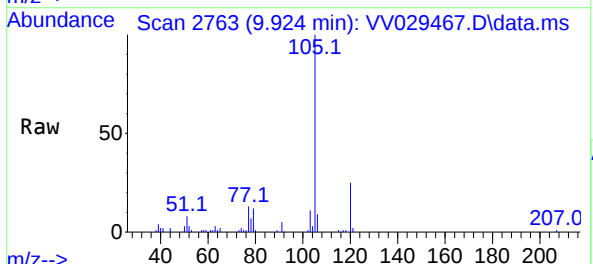
Instrument :
MSVOA_V
ClientSampleId :
MDL04

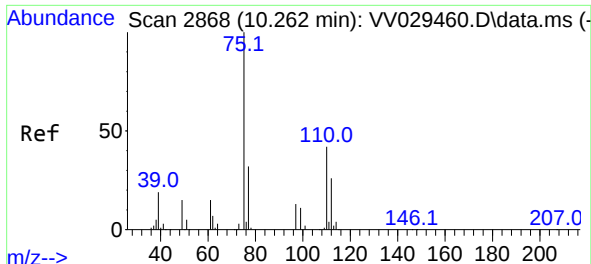
Tgt Ion:173 Resp: 6147
Ion Ratio Lower Upper
173 100
175 45.5 38.4 57.6
254 9.6 7.8 11.8



#60
Isopropylbenzene
Concen: 2.320 ug/L
RT: 9.924 min Scan# 2763
Delta R.T. 0.003 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

Tgt Ion:105 Resp: 33771
Ion Ratio Lower Upper
105 100
120 26.6 21.1 31.7
77 14.3 11.6 17.4





#61

1,2,3-Trichloropropane

Concen: 2.696 ug/L

RT: 10.265 min Scan# 2869

Delta R.T. 0.003 min

Lab File: VV029467.D

Acq: 08 Dec 2022 13:05

Instrument :

MSVOA_V

ClientSampleId :

MDL04

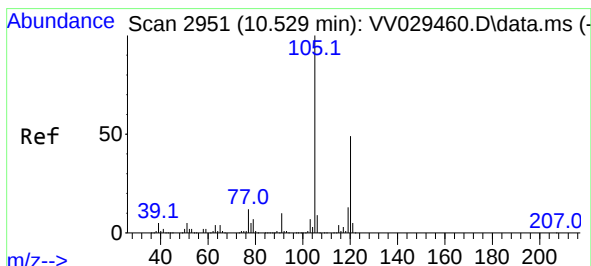
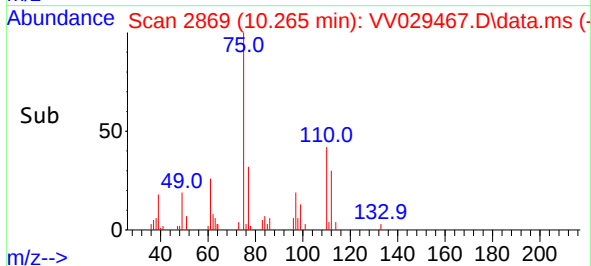
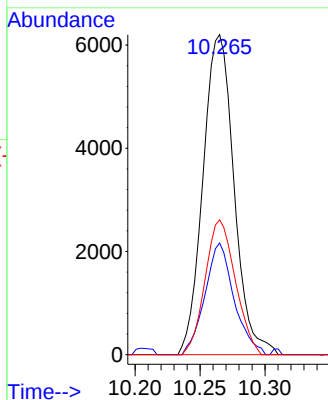
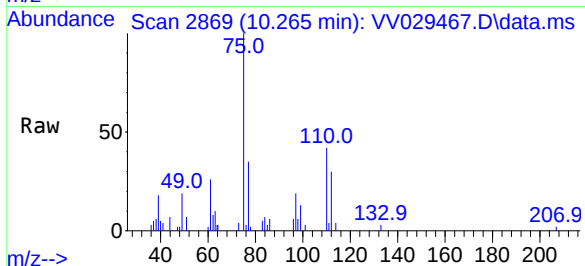
Tgt Ion: 75 Resp: 10319

Ion Ratio Lower Upper

75 100

77 32.8 25.4 38.2

110 41.0 32.7 49.1



#62

1,3,5-Trimethylbenzene

Concen: 2.237 ug/L

RT: 10.529 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VV029467.D

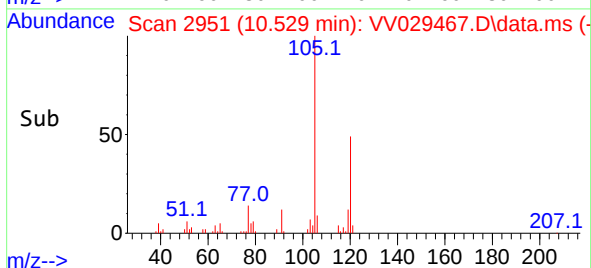
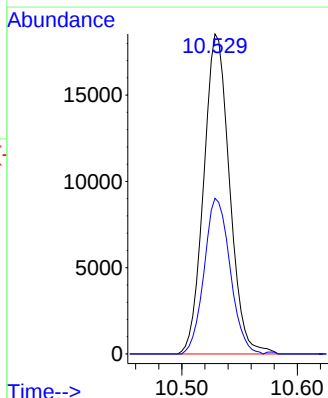
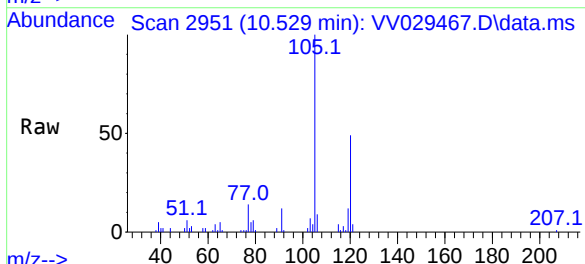
Acq: 08 Dec 2022 13:05

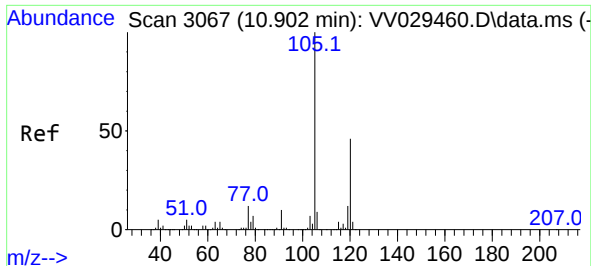
Tgt Ion:105 Resp: 28794

Ion Ratio Lower Upper

105 100

120 48.9 40.0 60.0

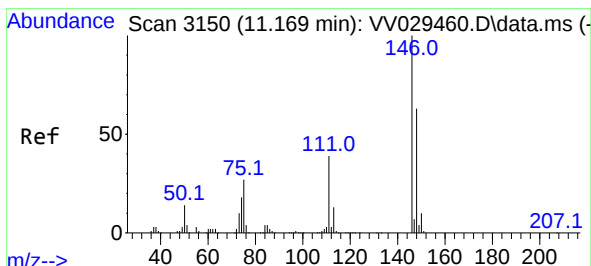
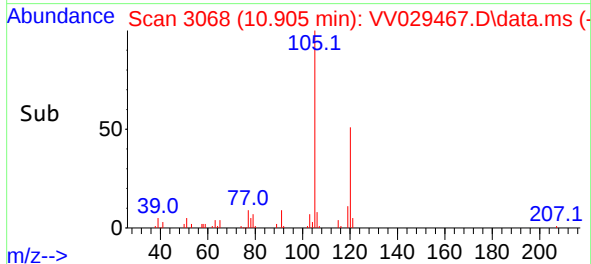
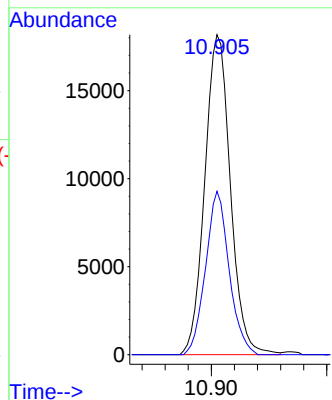
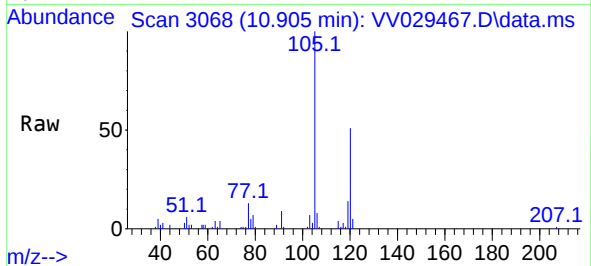




#63
1,2,4-Trimethylbenzene
Concen: 2.191 ug/L
RT: 10.905 min Scan# 3067
Delta R.T. -0.000 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

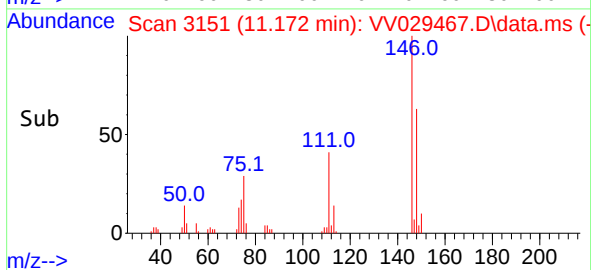
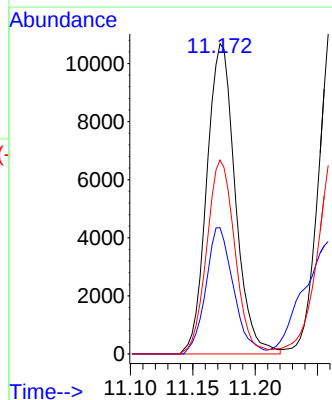
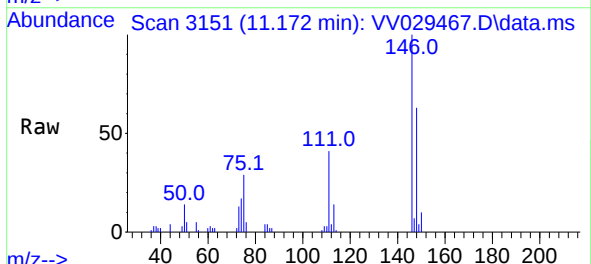
Instrument :
MSVOA_V
ClientSampleId :
MDL04

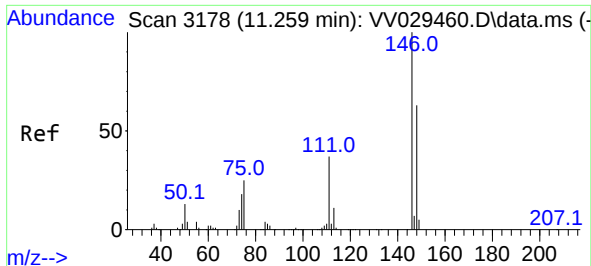
Tgt Ion:105 Resp: 27959
Ion Ratio Lower Upper
105 100
120 47.1 36.7 55.1



#64
1,3-Dichlorobenzene
Concen: 2.392 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

Tgt Ion:146 Resp: 17028
Ion Ratio Lower Upper
146 100
111 40.7 27.4 51.0
148 62.5 44.6 82.8

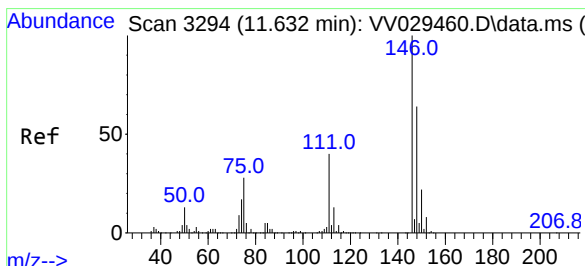
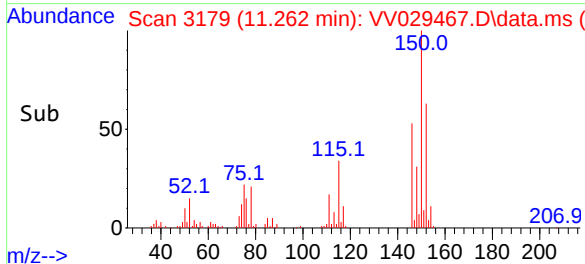
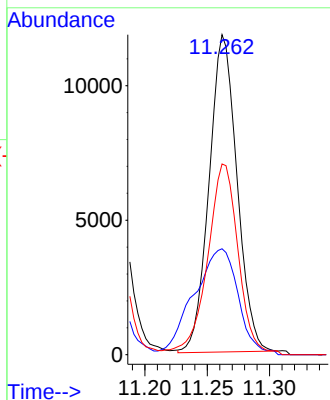
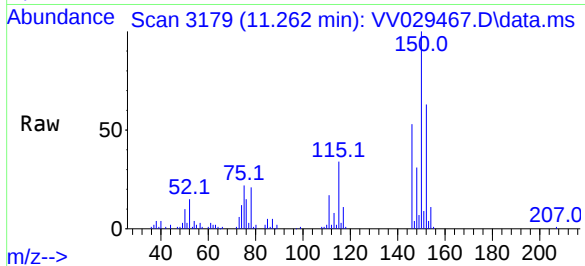




#65
1,4-Dichlorobenzene
Concen: 2.541 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.000 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

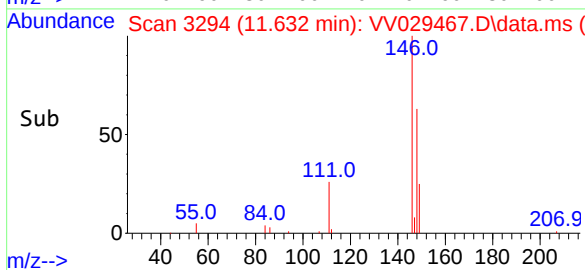
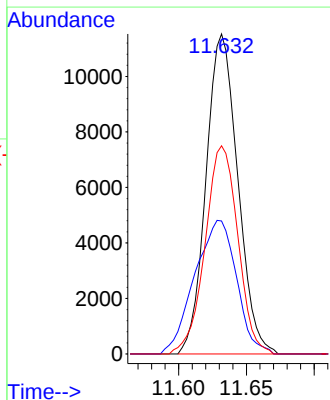
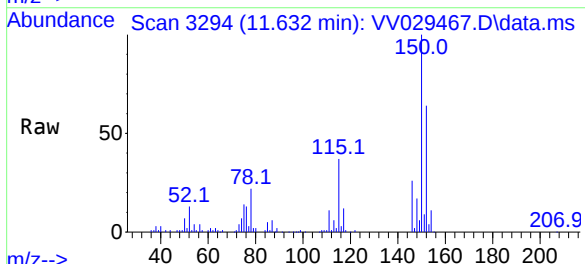
Instrument :
MSVOA_V
ClientSampleId :
MDL04

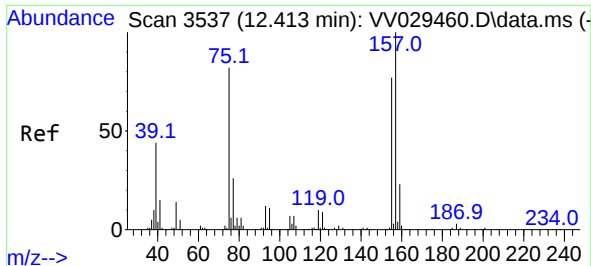
Tgt Ion:146 Resp: 18386
Ion Ratio Lower Upper
146 100
111 33.1 26.2 48.8
148 59.6 44.7 83.1



#67
1,2-Dichlorobenzene
Concen: 2.580 ug/L
RT: 11.632 min Scan# 3294
Delta R.T. -0.000 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

Tgt Ion:146 Resp: 18777
Ion Ratio Lower Upper
146 100
111 41.6 32.0 48.0
148 65.1 50.6 76.0

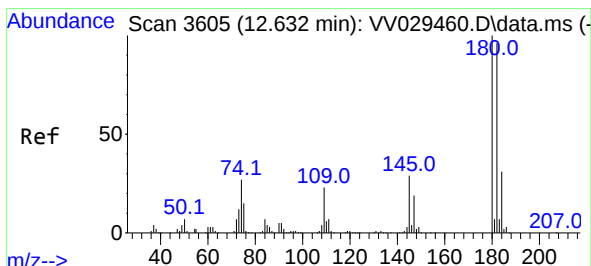
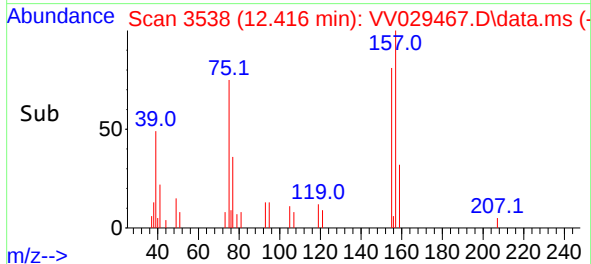
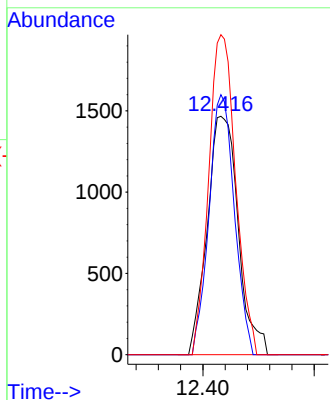
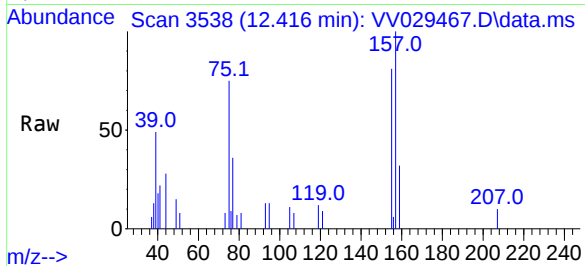




#68
1,2-Dibromo-3-chloropropane
Concen: 2.382 ug/L
RT: 12.416 min Scan# 3537
Delta R.T. -0.000 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

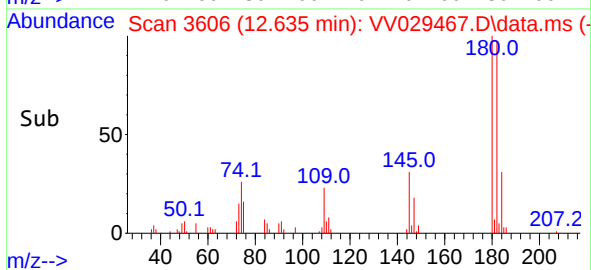
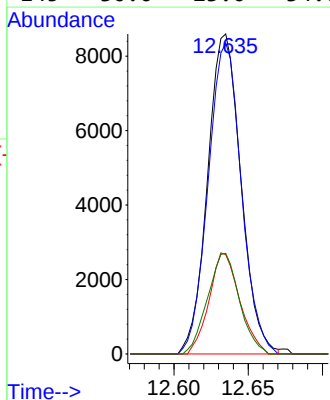
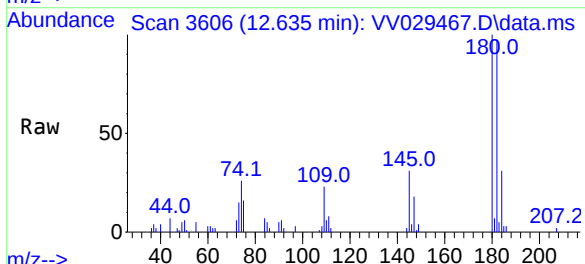
Instrument :
MSVOA_V
ClientSampleId :
MDL04

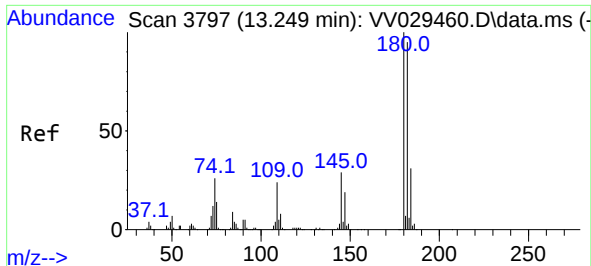
Tgt Ion: 75 Resp: 2834
Ion Ratio Lower Upper
75 100
155 109.1 76.2 114.2
157 134.2 96.0 144.0



#69
1,3,5-Trichlorobenzene
Concen: 2.364 ug/L
RT: 12.635 min Scan# 3606
Delta R.T. 0.003 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

Tgt Ion:180 Resp: 13392
Ion Ratio Lower Upper
180 100
182 96.7 76.5 114.7
184 29.0 24.6 36.8
145 30.0 23.0 34.6

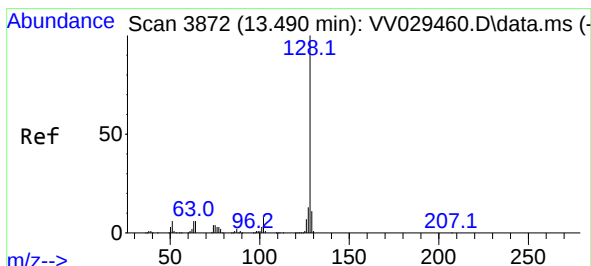
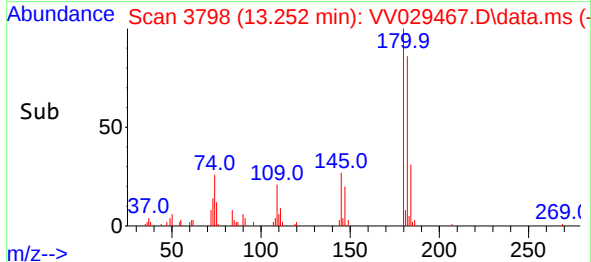
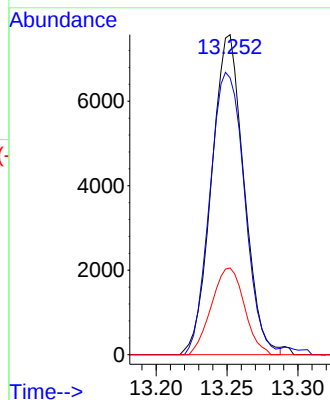
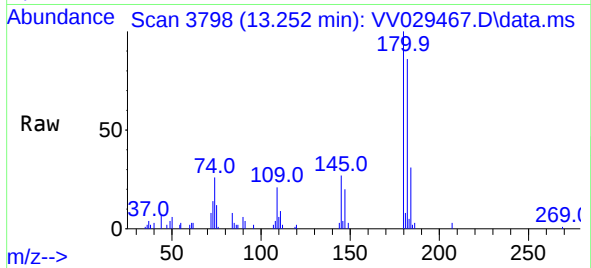




#70
1,2,4-trichlorobenzene
Concen: 2.389 ug/L
RT: 13.252 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

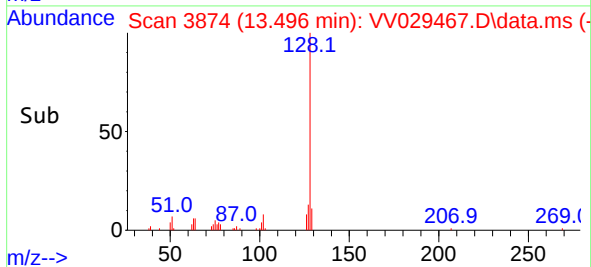
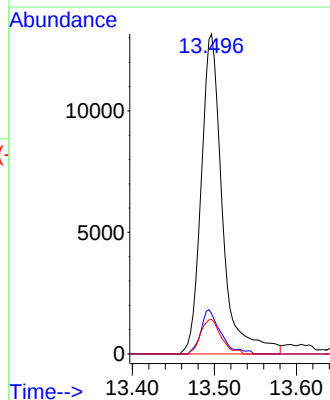
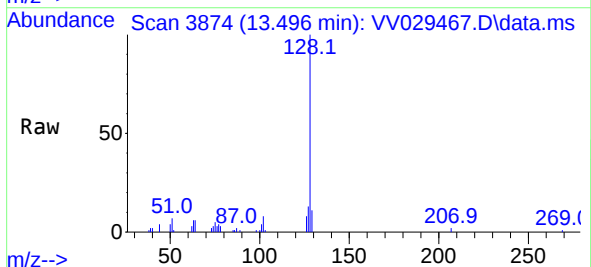
Instrument :
MSVOA_V
ClientSampleId :
MDL04

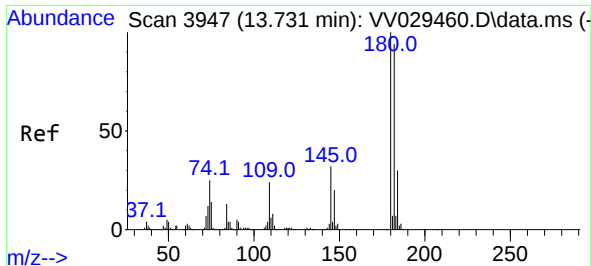
Tgt Ion:180 Resp: 12034
Ion Ratio Lower Upper
180 100
182 94.2 76.3 114.5
145 27.5 23.7 35.5



#71
Naphthalene
Concen: 2.069 ug/L
RT: 13.496 min Scan# 3874
Delta R.T. 0.003 min
Lab File: VV029467.D
Acq: 08 Dec 2022 13:05

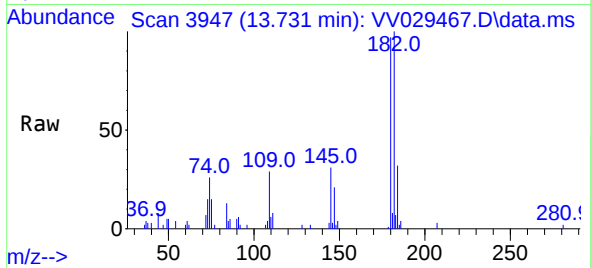
Tgt Ion:128 Resp: 23643
Ion Ratio Lower Upper
128 100
127 12.2 10.2 15.4
129 10.0 8.5 12.7





#72
 1,2,3-Trichlorobenzene
 Concen: 2.283 ug/L
 RT: 13.731 min Scan# 3947
 Delta R.T. -0.000 min
 Lab File: VV029467.D
 Acq: 08 Dec 2022 13:05

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04



Tgt Ion:	180	Resp:	11262
Ion	Ratio	Lower	Upper
180	100		
182	99.9	76.4	114.6
145	31.3	25.0	37.6

