

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120822\
 Data File : VW029468.D
 Acq On : 08 Dec 2022 13:28
 Operator : SY/MD
 Sample : MDL05
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

Quant Time: Dec 09 02:00:18 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	508931	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	472939	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	250653	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	106007	34.015	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.020%
7) Chloroethane-d5	1.561	69	94825	39.903	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.105	63	149010	30.655	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.320%
21) 2-Butanone-d5	3.870	46	205893	108.300	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.300%
24) Chloroform-d	4.339	84	253359	43.201	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.024	65	154916	46.251	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.500%
32) Benzene-d6	5.044	84	537961	43.048	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.100%
36) 1,2-Dichloropropane-d6	6.063	67	174109	45.612	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.220%
41) Toluene-d8	7.307	98	490742	41.678	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.360%
43) trans-1,3-Dichloroprop...	7.616	79	81939	42.510	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.020%
47) 2-Hexanone-d5	8.082	63	170457	104.574	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.570%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	258452	47.382	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.760%
66) 1,2-Dichlorobenzene-d4	11.612	152	215021	45.064	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	8840	2.205	ug/L	99
3) Chloromethane	1.240	50	9936	2.174	ug/L	97
5) Vinyl chloride	1.307	62	9200	2.406	ug/L #	75
6) Bromomethane	1.516	94	4641	3.016	ug/L	95
8) Chloroethane	1.581	64	5325	2.501	ug/L	94
9) Trichlorofluoromethane	1.751	101	11814	2.468	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	8307	3.123	ug/L #	82
12) 1,1-Dichloroethene	2.114	96	7813	2.872	ug/L #	1
13) Acetone	2.159	43	8476	6.844	ug/L	97
14) Carbon disulfide	2.291	76	20865	2.305	ug/L	100
15) Methyl Acetate	2.429	43	7215	2.557	ug/L #	87
16) Methylene chloride	2.503	84	10140	2.998	ug/L	94
17) trans-1,2-Dichloroethene	2.757	96	7276	2.321	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	23341	2.430	ug/L	99
19) 1,1-Dichloroethane	3.188	63	13198	2.458	ug/L	97
20) cis-1,2-Dichloroethene	3.902	96	8285	2.404	ug/L	86
22) 2-Butanone	3.986	43	8012	4.066	ug/L #	43
23) Bromochloromethane	4.249	128	3999	2.253	ug/L	91
25) Chloroform	4.372	83	15022	2.698	ug/L	96

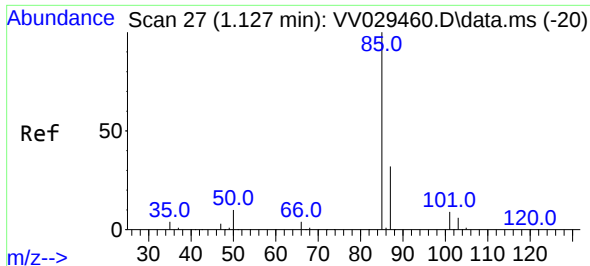
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120822\
 Data File : VW029468.D
 Acq On : 08 Dec 2022 13:28
 Operator : SY/MD
 Sample : MDL05
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

Quant Time: Dec 09 02:00:18 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)
27) 1,2-Dichloroethane	5.134	62	10134	2.577	ug/L	94
29) Cyclohexane	4.671	56	12034	2.349	ug/L	94
30) 1,1,1-Trichloroethane	4.603	97	12120	2.352	ug/L	97
31) Carbon tetrachloride	4.818	117	10748	2.389	ug/L	92
33) Benzene	5.095	78	31321	2.350	ug/L	100
34) Trichloroethene	5.908	95	7856	2.352	ug/L	95
35) Methylcyclohexane	6.124	83	14132	2.491	ug/L	97
37) 1,2-Dichloropropane	6.169	63	8021	2.493	ug/L	99
38) Bromodichloromethane	6.506	83	10021	2.256	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	11842	2.238	ug/L	94
40) 4-Methyl-2-pentanone	7.227	43	19399	5.057	ug/L	99
42) Toluene	7.384	91	34005	2.370	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	14125	2.819	ug/L	89
45) 1,1,2-Trichloroethane	7.834	97	8367	2.517	ug/L	97
46) Tetrachloroethene	7.966	164	6502	2.421	ug/L	87
48) 2-Hexanone	8.143	43	18556	6.331	ug/L	91
49) Dibromochloromethane	8.240	129	8274	2.255	ug/L	97
50) 1,2-Dibromoethane	8.346	107	8271	2.415	ug/L #	97
51) Chlorobenzene	8.876	112	22698	2.498	ug/L	99
52) Ethylbenzene	9.005	91	35166	2.331	ug/L	99
53) m,p-Xylene	9.133	106	13996	2.344	ug/L	98
54) o-Xylene	9.535	106	13212	2.237	ug/L	94
55) Styrene	9.558	104	22211	2.164	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.230	83	13886	2.611	ug/L #	94
59) Bromoform	9.722	173	5981	2.160	ug/L	99
60) Isopropylbenzene	9.924	105	33432	2.272	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	10664	2.756	ug/L	95
62) 1,3,5-Trimethylbenzene	10.529	105	28429	2.185	ug/L	98
63) 1,2,4-Trimethylbenzene	10.905	105	27763	2.152	ug/L	96
64) 1,3-Dichlorobenzene	11.175	146	17875	2.484	ug/L	96
65) 1,4-Dichlorobenzene	11.262	146	18533	2.534	ug/L	97
67) 1,2-Dichlorobenzene	11.632	146	19060	2.590	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.416	75	3084	2.565	ug/L	83
69) 1,3,5-Trichlorobenzene	12.632	180	13954	2.437	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	12145	2.385	ug/L	98
71) Naphthalene	13.497	128	27276	2.362	ug/L	97
72) 1,2,3-Trichlorobenzene	13.731	180	11813	2.369	ug/L	99

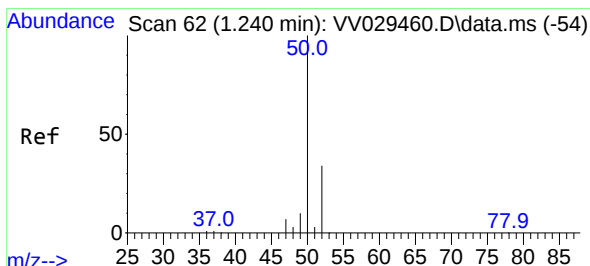
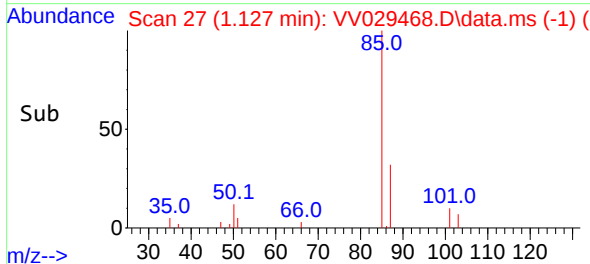
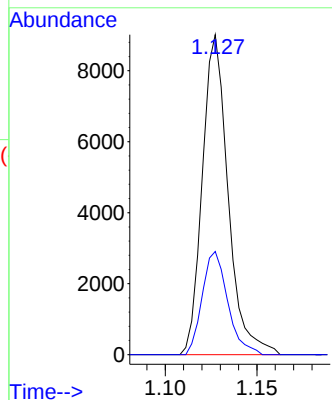
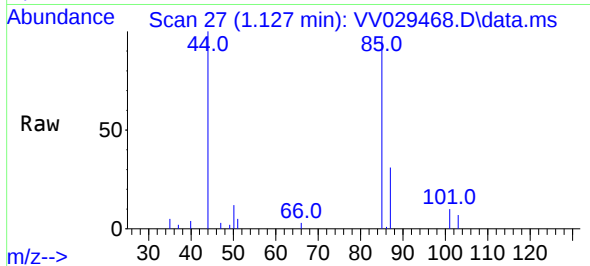
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 2.205 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV029468.D
 Acq: 08 Dec 2022 13:28

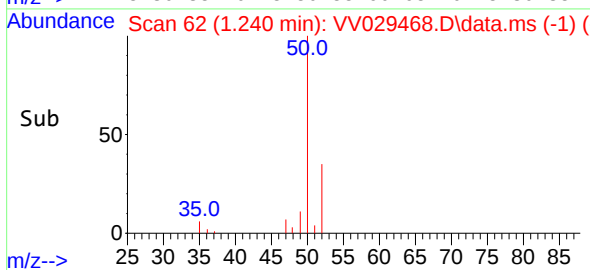
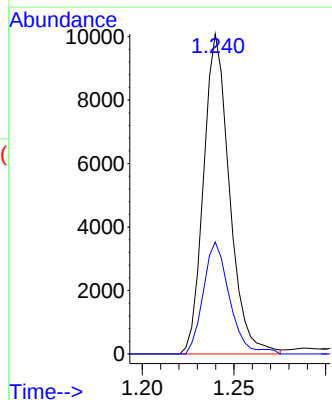
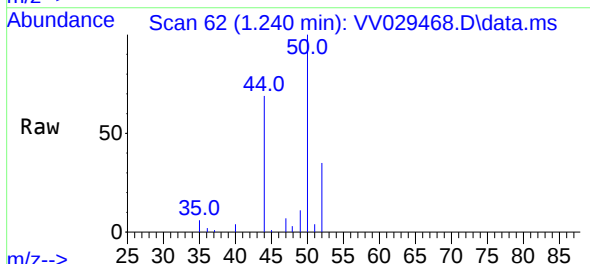
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

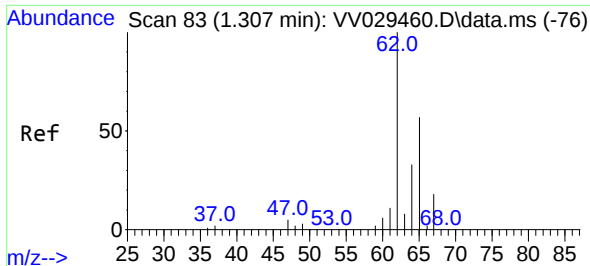
Tgt Ion: 85 Resp: 8840
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.9 38.9



#3
 Chloromethane
 Concen: 2.174 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV029468.D
 Acq: 08 Dec 2022 13:28

Tgt Ion: 50 Resp: 9936
 Ion Ratio Lower Upper
 50 100
 52 35.0 23.3 43.3

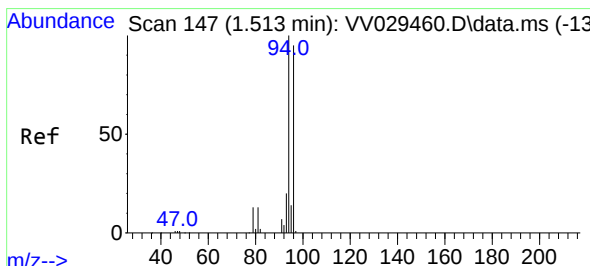
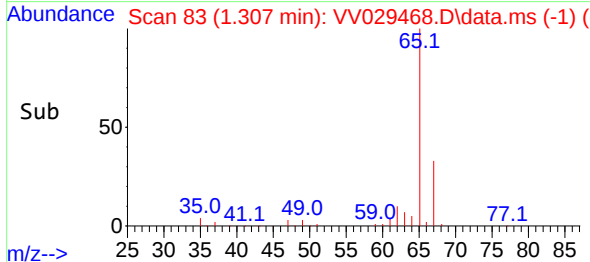
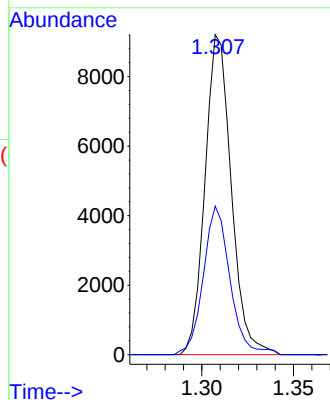
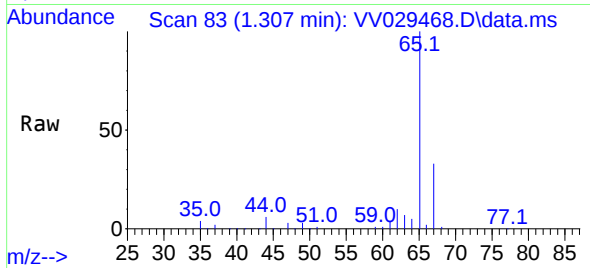




#5
 Vinyl chloride
 Concen: 2.406 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV029468.D
 Acq: 08 Dec 2022 13:28

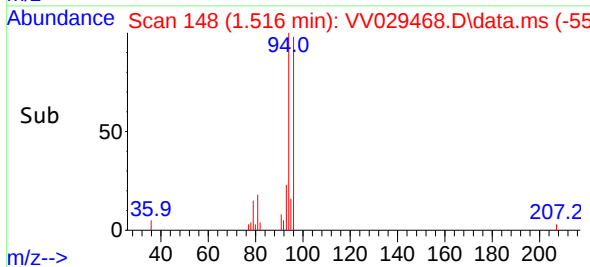
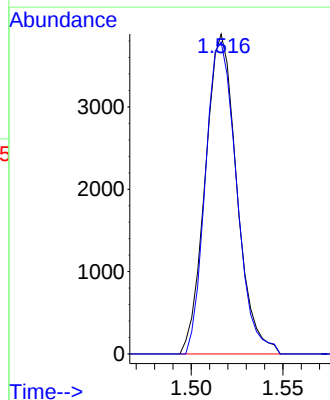
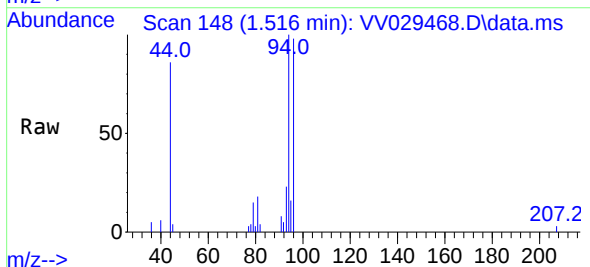
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

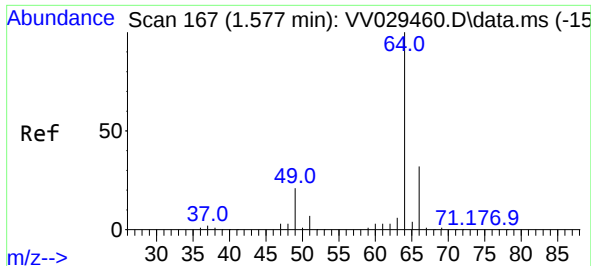
Tgt Ion: 62 Resp: 9200
 Ion Ratio Lower Upper
 62 100
 64 46.4 22.5 41.9#



#6
 Bromomethane
 Concen: 3.016 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV029468.D
 Acq: 08 Dec 2022 13:28

Tgt Ion: 94 Resp: 4641
 Ion Ratio Lower Upper
 94 100
 96 97.5 65.1 120.9

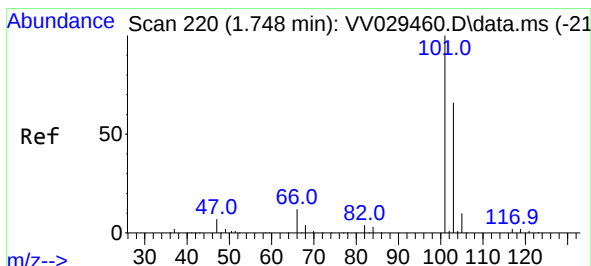
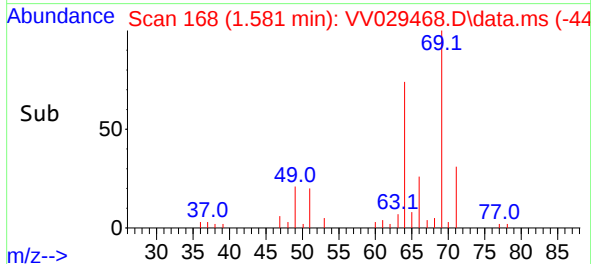
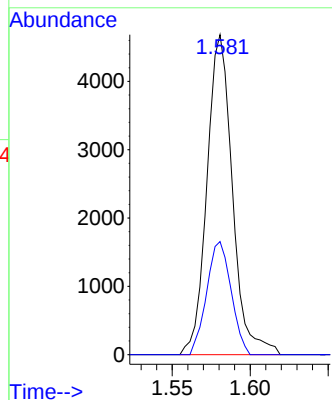
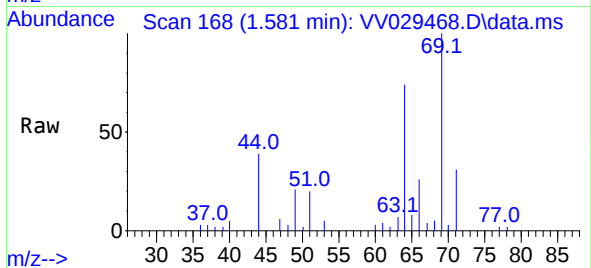




#8
Chloroethane
Concen: 2.501 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV029468.D
Acq: 08 Dec 2022 13:28

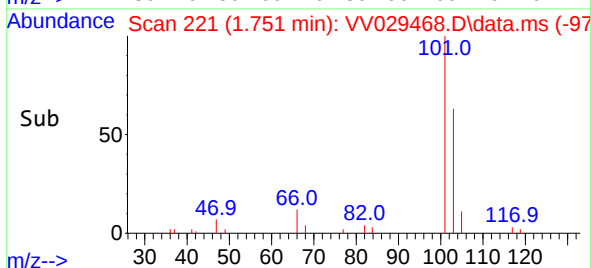
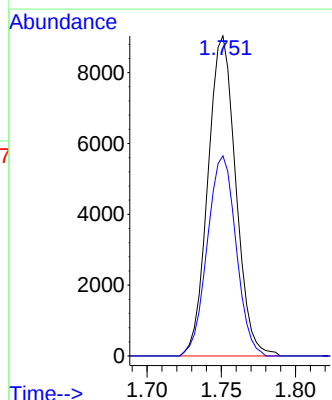
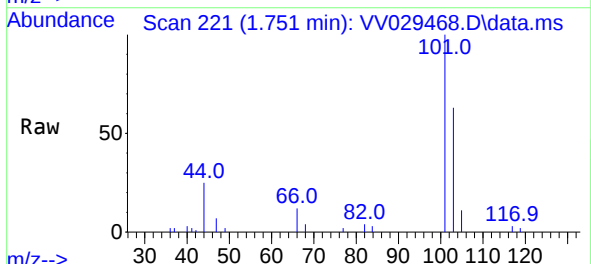
Instrument :
MSVOA_V
ClientSampleId :
MDL05

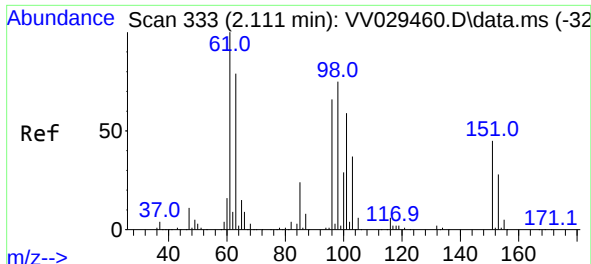
Tgt Ion: 64 Resp: 5325
Ion Ratio Lower Upper
64 100
66 35.4 22.5 41.9



#9
Trichlorofluoromethane
Concen: 2.468 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV029468.D
Acq: 08 Dec 2022 13:28

Tgt Ion: 101 Resp: 11814
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.8

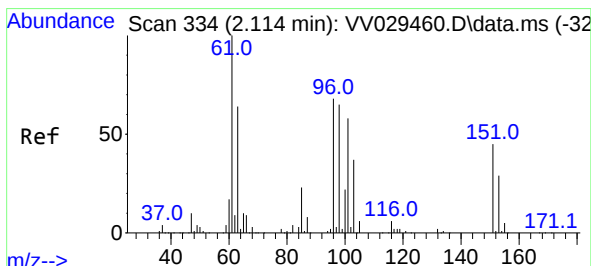
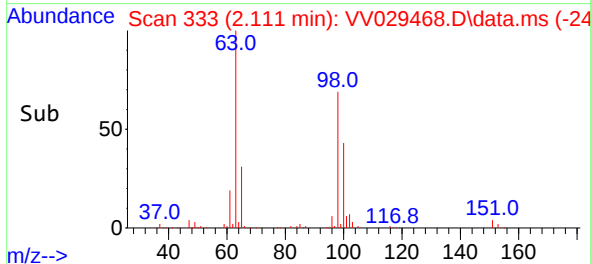
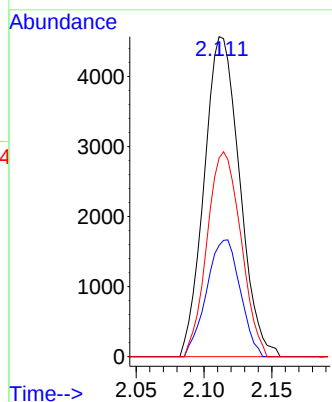
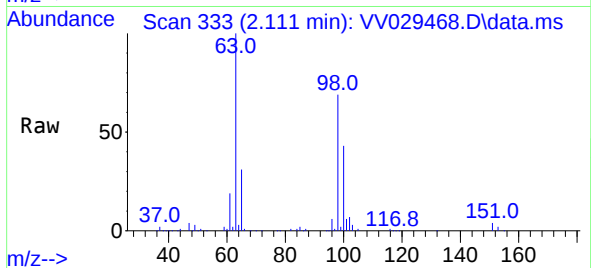




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.123 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.003 min
Lab File: VV029468.D
Acq: 08 Dec 2022 13:28

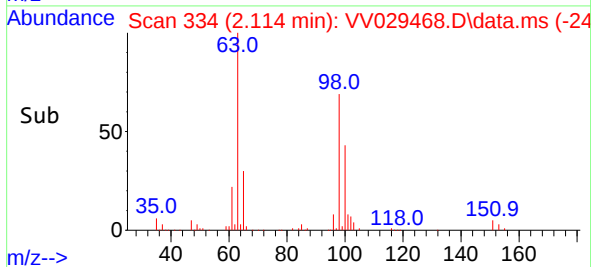
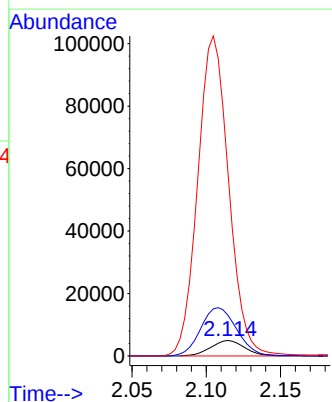
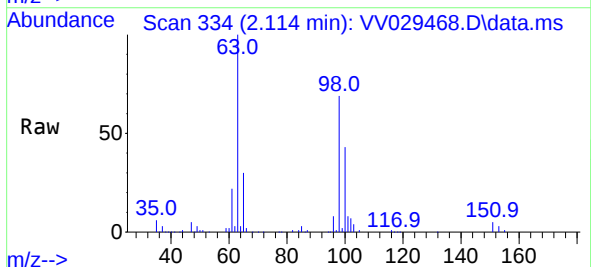
Instrument :
MSVOA_V
ClientSampleId :
MDL05

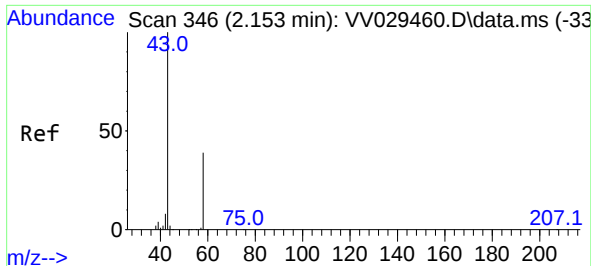
Tgt Ion:101 Resp: 8307
Ion Ratio Lower Upper
101 100
85 34.6 33.6 50.4
151 61.2 63.5 95.3#



#12
1,1-Dichloroethene
Concen: 2.872 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV029468.D
Acq: 08 Dec 2022 13:28

Tgt Ion: 96 Resp: 7813
Ion Ratio Lower Upper
96 100
61 264.6 103.3 191.9#
63 1203.3 77.3 143.7#





#13

Acetone

Concen: 6.844 ug/L

RT: 2.159 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV029468.D

Acq: 08 Dec 2022 13:28

Instrument :

MSVOA_V

ClientSampleId :

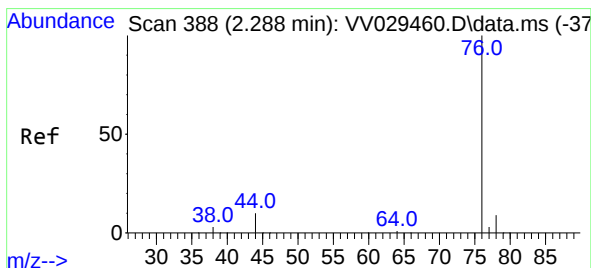
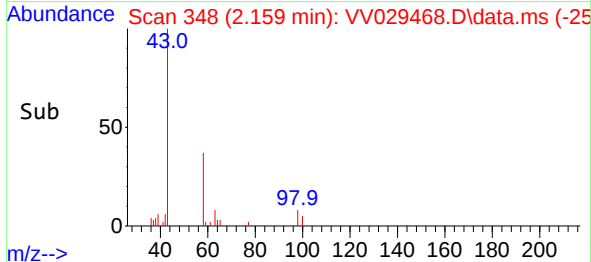
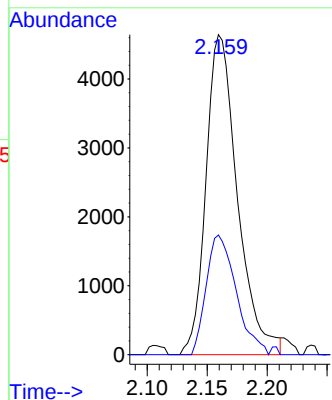
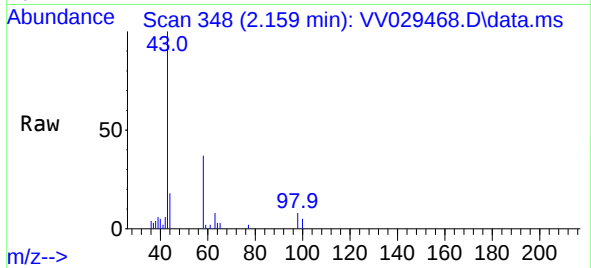
MDL05

Tgt Ion: 43 Resp: 8476

Ion Ratio Lower Upper

43 100

58 35.5 0.0 74.8



#14

Carbon disulfide

Concen: 2.305 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.000 min

Lab File: VV029468.D

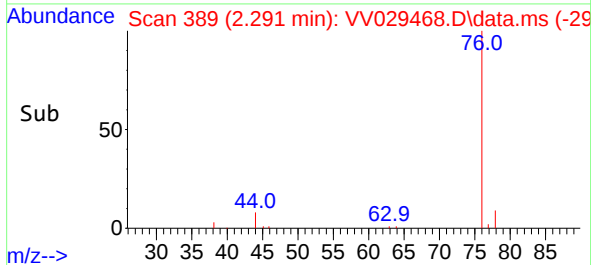
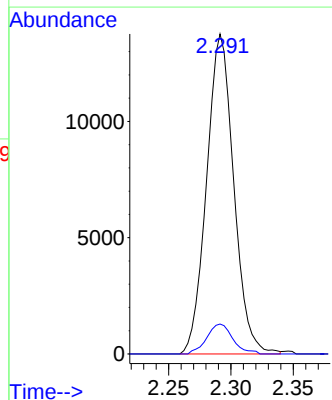
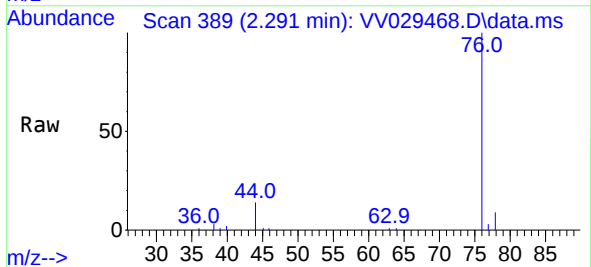
Acq: 08 Dec 2022 13:28

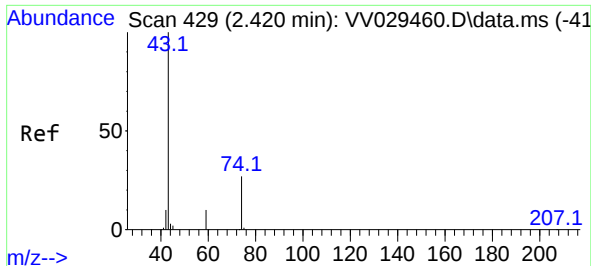
Tgt Ion: 76 Resp: 20865

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2

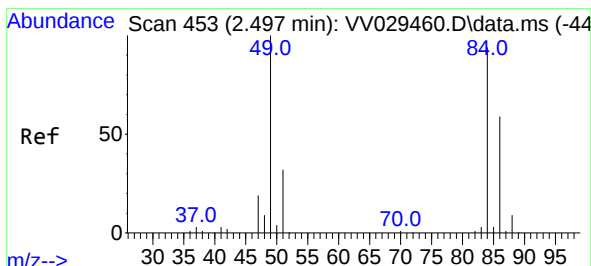
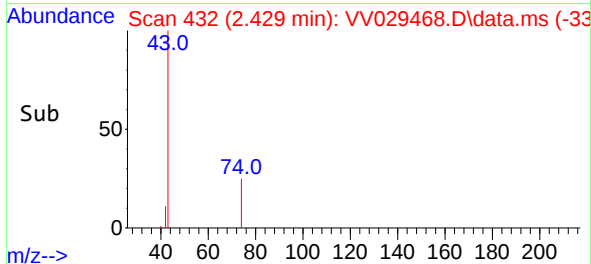
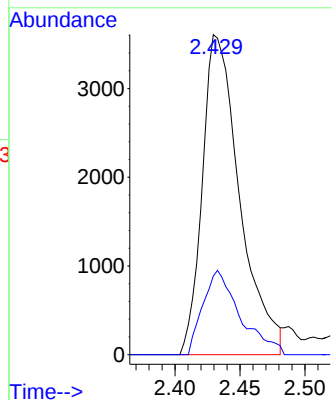
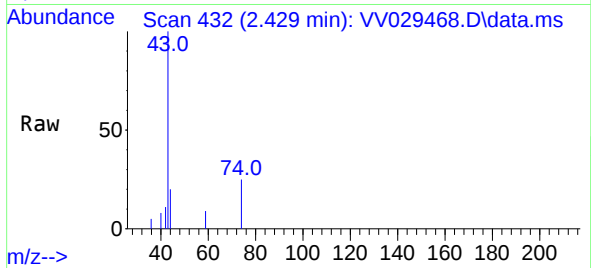




#15
Methyl Acetate
Concen: 2.557 ug/L
RT: 2.429 min Scan# 41
Delta R.T. 0.007 min
Lab File: VV029468.D
Acq: 08 Dec 2022 13:28

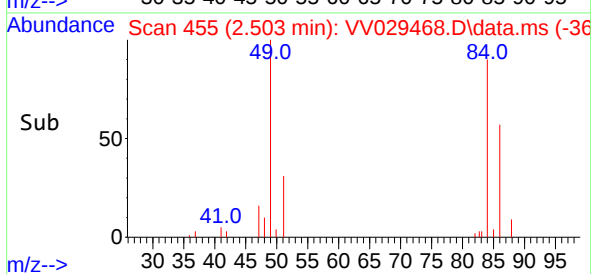
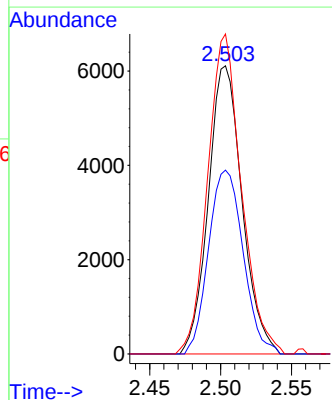
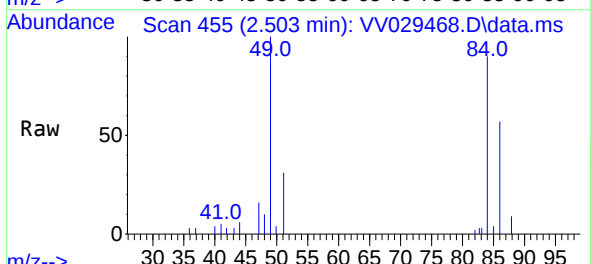
Instrument :
MSVOA_V
ClientSampleId :
MDL05

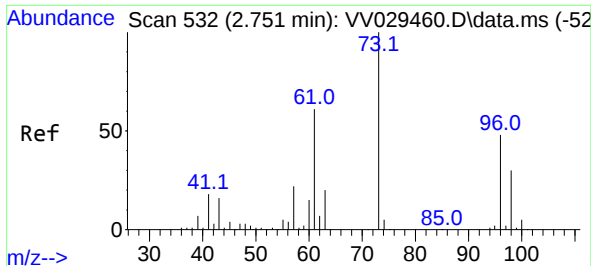
Tgt Ion: 43 Resp: 7215
Ion Ratio Lower Upper
43 100
74 22.2 23.5 35.3#



#16
Methylene chloride
Concen: 2.998 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV029468.D
Acq: 08 Dec 2022 13:28

Tgt Ion: 84 Resp: 10140
Ion Ratio Lower Upper
84 100
86 63.8 46.0 85.4
49 111.1 72.2 134.0

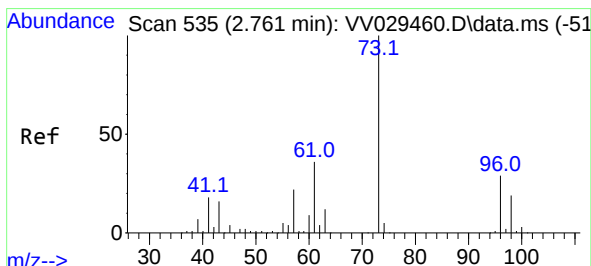
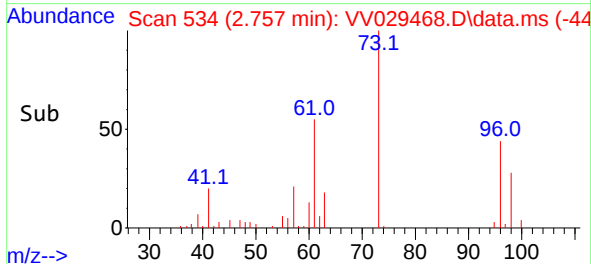
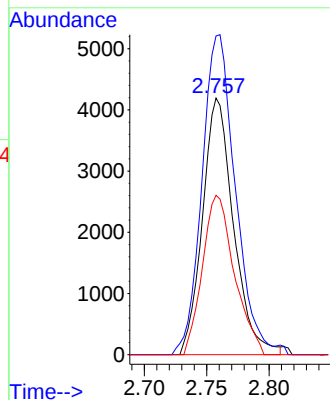
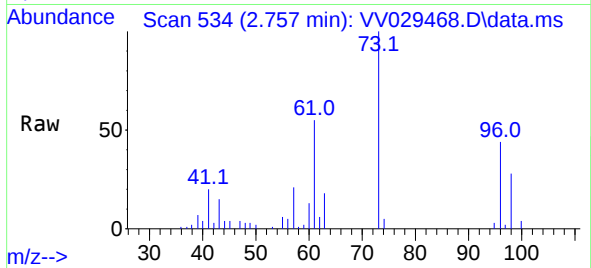




#17
trans-1,2-Dichloroethene
Concen: 2.321 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029468.D
Acq: 08 Dec 2022 13:28

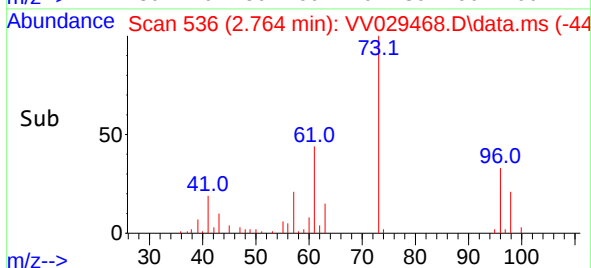
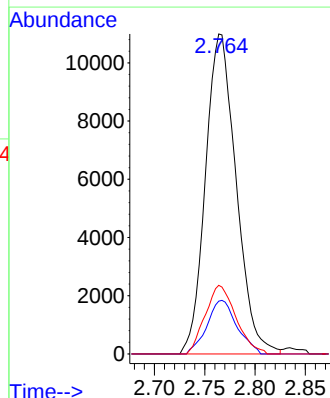
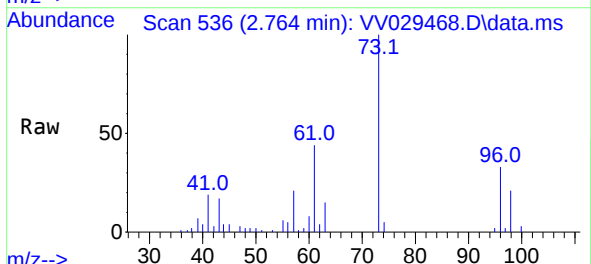
Instrument :
MSVOA_V
ClientSampleId :
MDL05

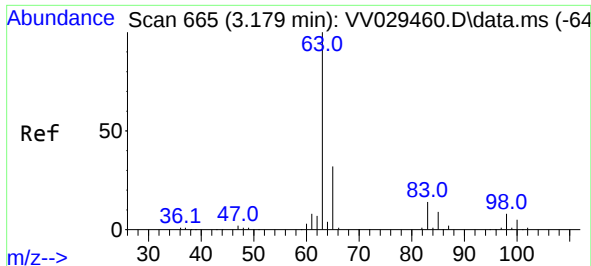
Tgt Ion: 96 Resp: 7276
Ion Ratio Lower Upper
96 100
61 124.2 86.4 160.4
98 62.1 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 2.430 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV029468.D
Acq: 08 Dec 2022 13:28

Tgt Ion: 73 Resp: 23341
Ion Ratio Lower Upper
73 100
43 16.4 12.7 19.1
57 21.4 16.7 25.1





#19

1,1-Dichloroethane

Concen: 2.458 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV029468.D

Acq: 08 Dec 2022 13:28

Instrument :

MSVOA_V

ClientSampleId :

MDL05

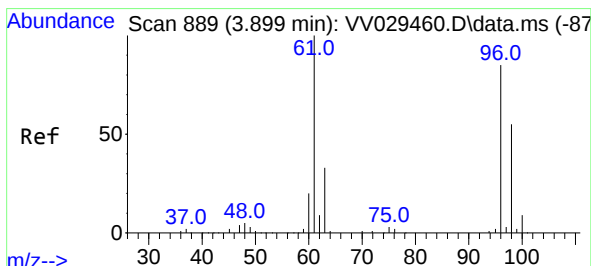
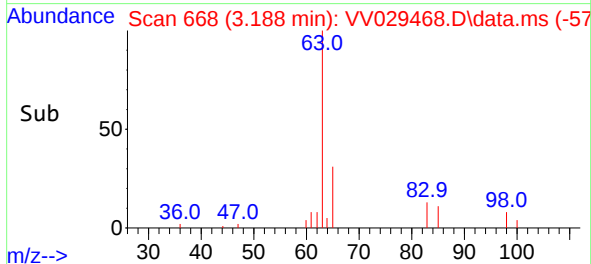
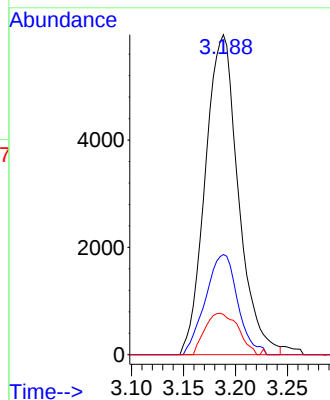
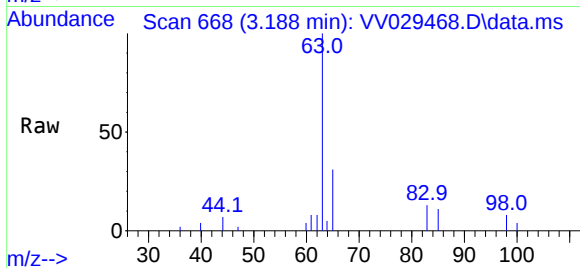
Tgt Ion: 63 Resp: 13198

Ion Ratio Lower Upper

63 100

65 31.3 22.5 41.7

83 12.6 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 2.404 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.003 min

Lab File: VV029468.D

Acq: 08 Dec 2022 13:28

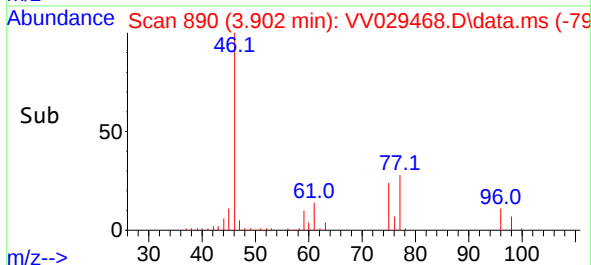
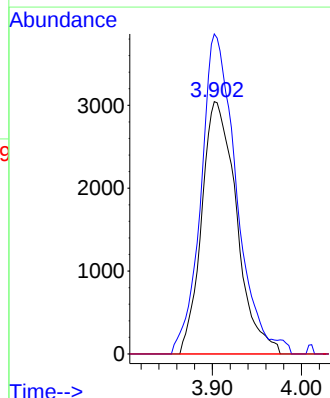
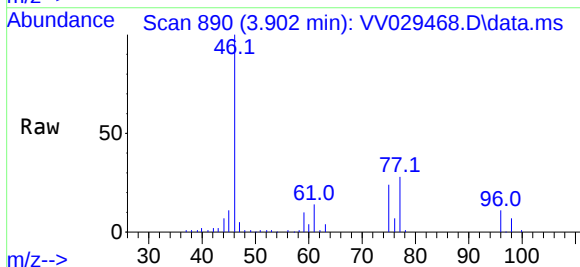
Tgt Ion: 96 Resp: 8285

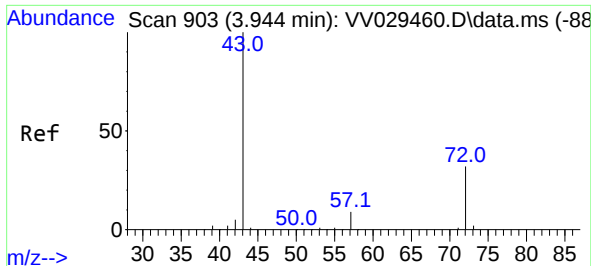
Ion Ratio Lower Upper

96 100

61 126.8 78.0 144.9

68 0.0 0.0 0.0

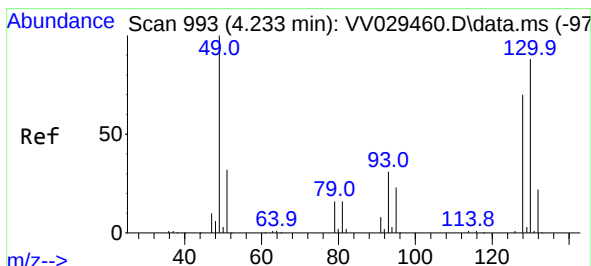
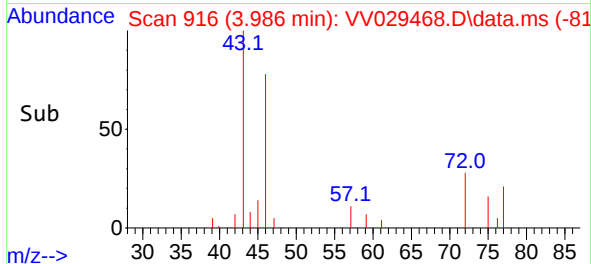
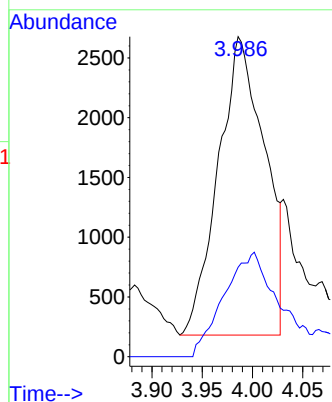
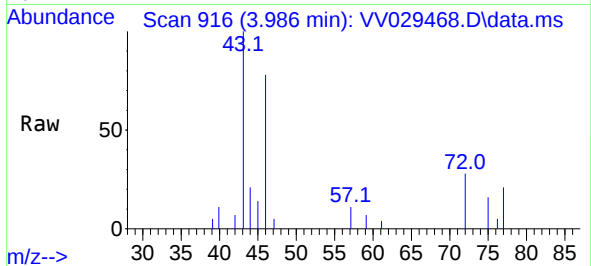




#22
2-Butanone
Concen: 4.066 ug/L
RT: 3.986 min Scan# 916
Delta R.T. 0.032 min
Lab File: VV029468.D
Acq: 08 Dec 2022 13:28

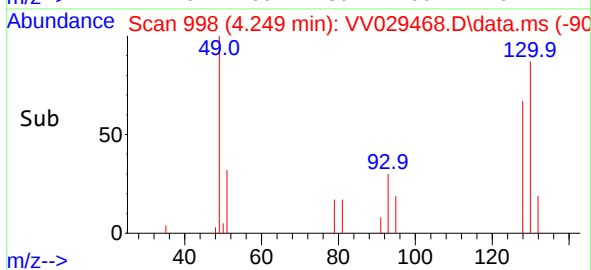
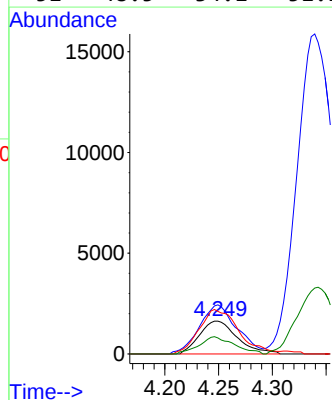
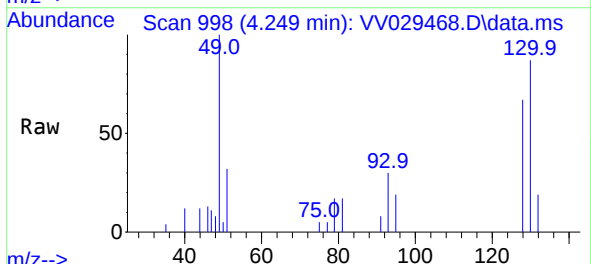
Instrument :
MSVOA_V
ClientSampleId :
MDL05

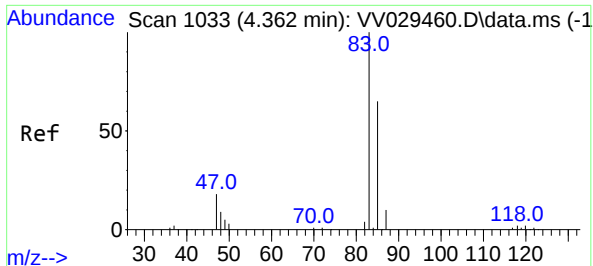
Tgt Ion: 43 Resp: 8012
Ion Ratio Lower Upper
43 100
72 0.0 15.9 47.6#



#23
Bromochloromethane
Concen: 2.253 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.010 min
Lab File: VV029468.D
Acq: 08 Dec 2022 13:28

Tgt Ion: 128 Resp: 3999
Ion Ratio Lower Upper
128 100
49 149.6 92.2 171.2
130 129.5 88.3 164.1
51 48.5 34.1 51.1





#25

Chloroform

Concen: 2.698 ug/L

RT: 4.372 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VV029468.D

Acq: 08 Dec 2022 13:28

Instrument :

MSVOA_V

ClientSampleId :

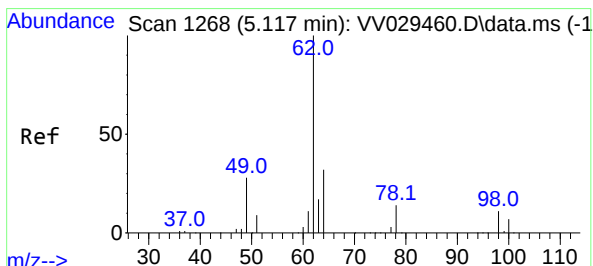
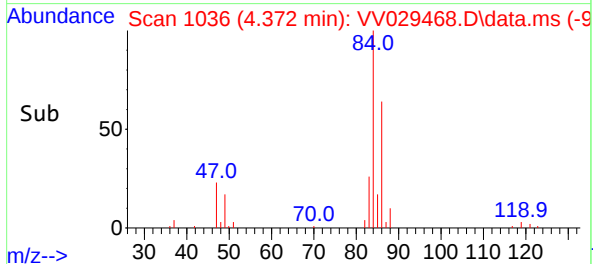
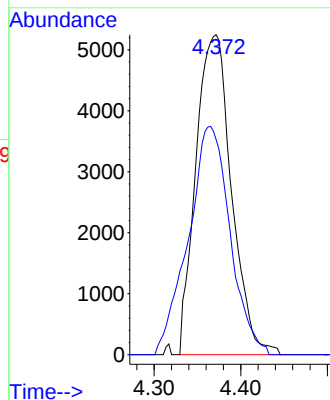
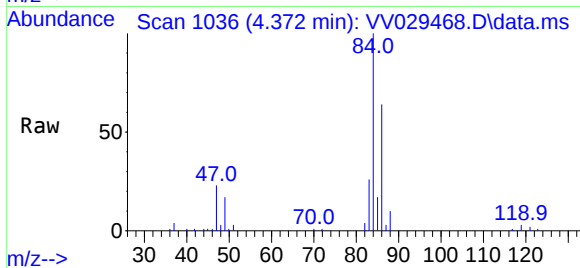
MDL05

Tgt Ion: 83 Resp: 15022

Ion Ratio Lower Upper

83 100

85 67.3 45.1 83.9



#27

1,2-Dichloroethane

Concen: 2.577 ug/L

RT: 5.134 min Scan# 1273

Delta R.T. 0.010 min

Lab File: VV029468.D

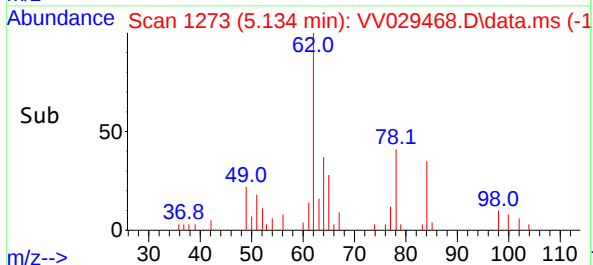
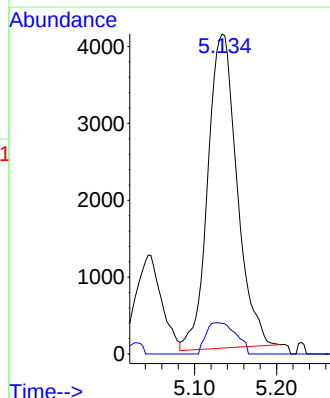
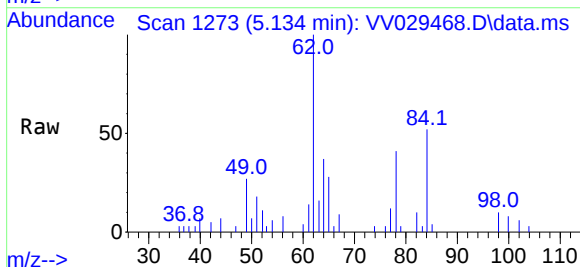
Acq: 08 Dec 2022 13:28

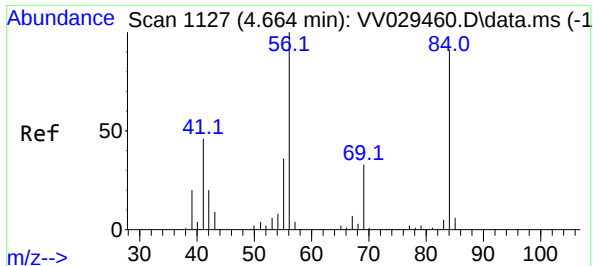
Tgt Ion: 62 Resp: 10134

Ion Ratio Lower Upper

62 100

98 9.6 9.4 14.0





#29

Cyclohexane

Concen: 2.349 ug/L

RT: 4.671 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VV029468.D

Acq: 08 Dec 2022 13:28

Instrument :

MSVOA_V

ClientSampleId :

MDL05

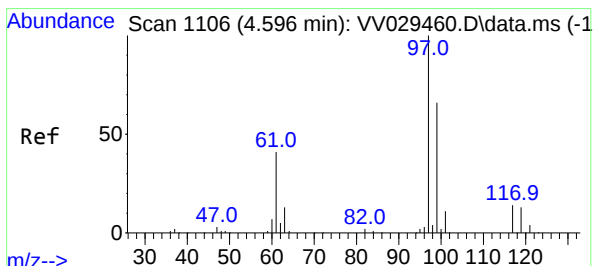
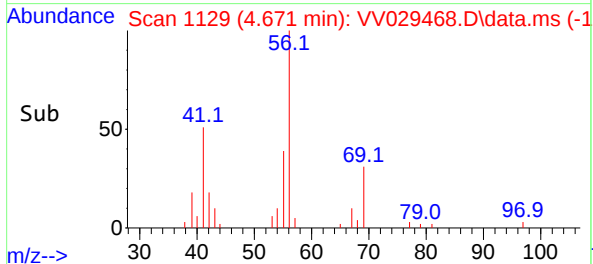
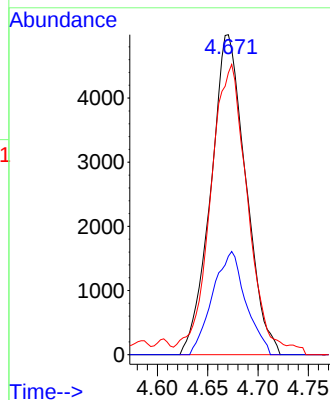
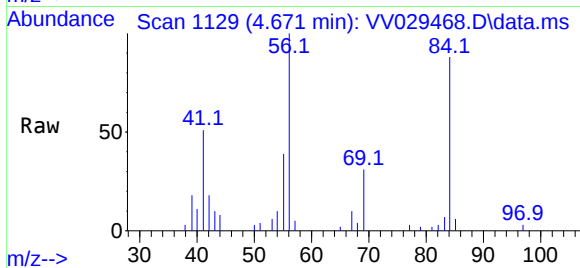
Tgt Ion: 56 Resp: 12034

Ion Ratio Lower Upper

56 100

69 30.7 25.8 38.8

84 89.2 76.6 114.8



#30

1,1,1-Trichloroethane

Concen: 2.352 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV029468.D

Acq: 08 Dec 2022 13:28

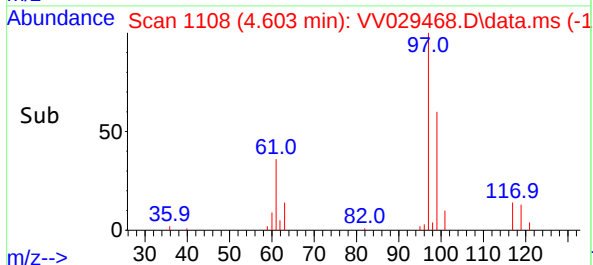
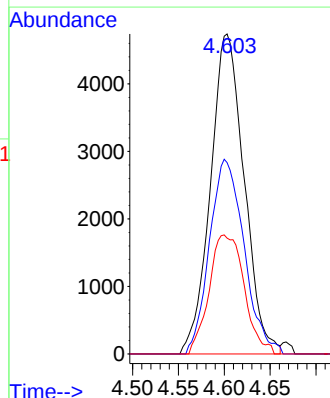
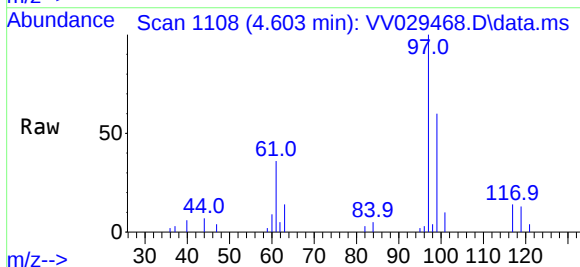
Tgt Ion: 97 Resp: 12120

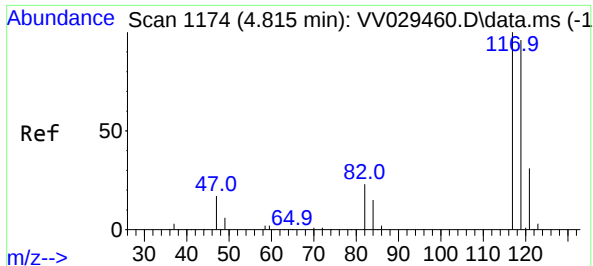
Ion Ratio Lower Upper

97 100

99 62.5 52.1 78.1

61 38.3 31.8 47.8

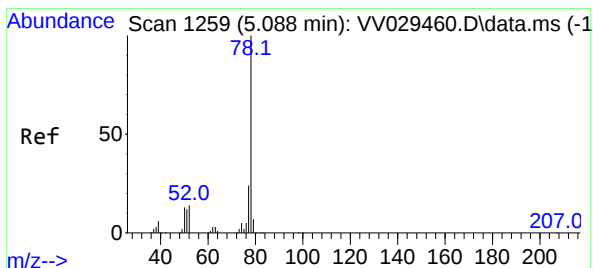
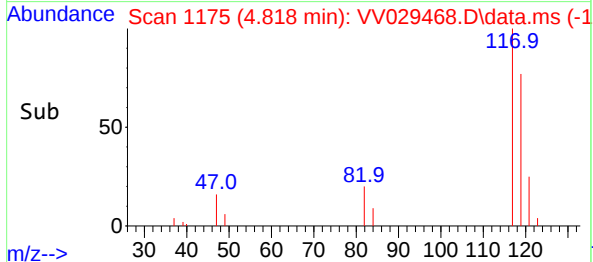
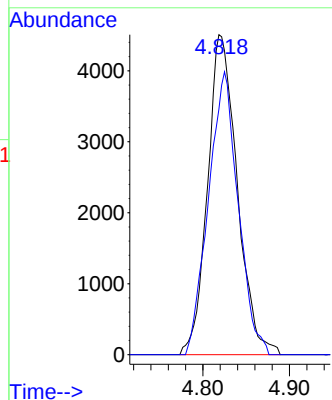
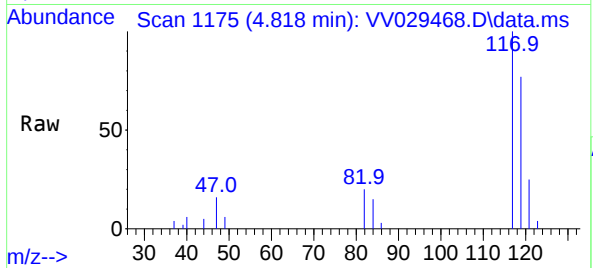




#31
Carbon tetrachloride
Concen: 2.389 ug/L
RT: 4.818 min Scan# 1174
Delta R.T. -0.003 min
Lab File: VV029468.D
Acq: 08 Dec 2022 13:28

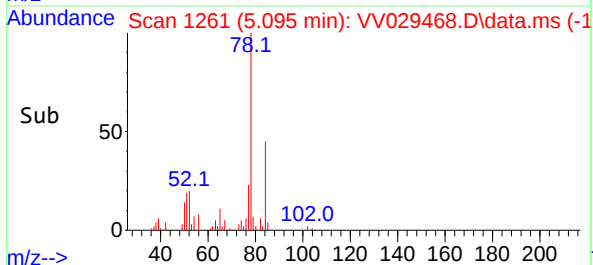
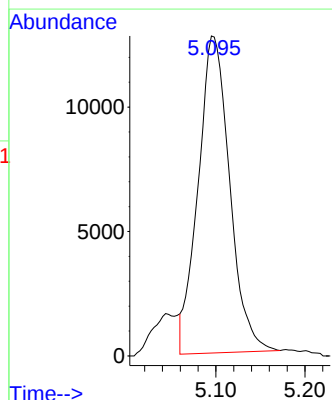
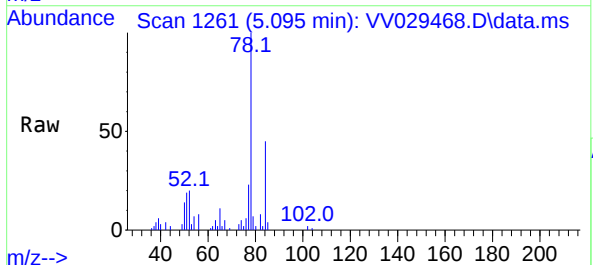
Instrument : MSVOA_V
ClientSampleId : MDL05

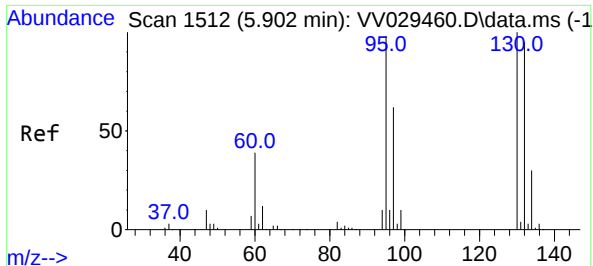
Tgt Ion:117 Resp: 10748
Ion Ratio Lower Upper
117 100
119 88.3 76.7 115.1



#33
Benzene
Concen: 2.350 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV029468.D
Acq: 08 Dec 2022 13:28

Tgt Ion: 78 Resp: 31321



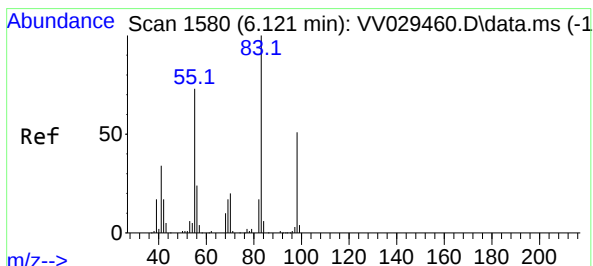
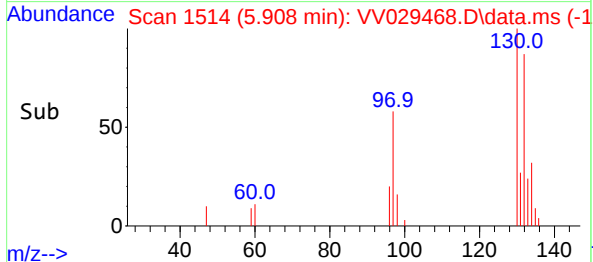
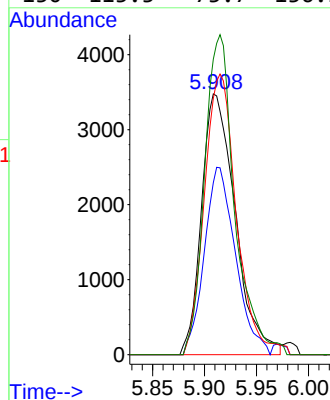
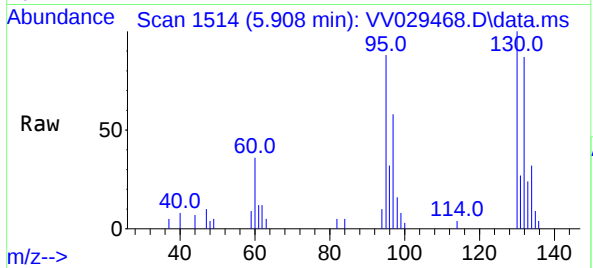


#34
Trichloroethene
Concen: 2.352 ug/L
RT: 5.908 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV029468.D
Acq: 08 Dec 2022 13:28

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion: 95 Resp: 7856

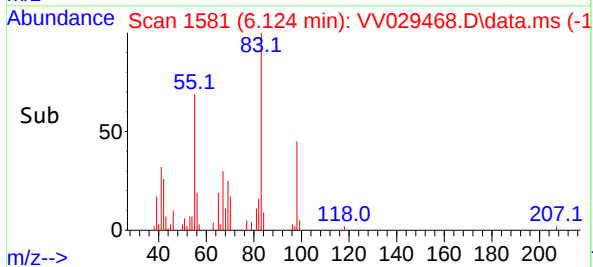
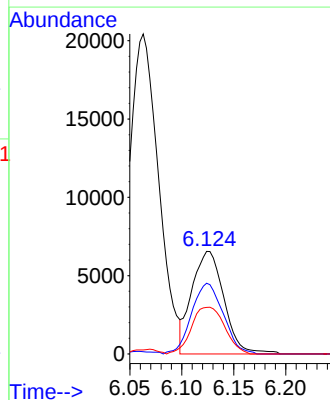
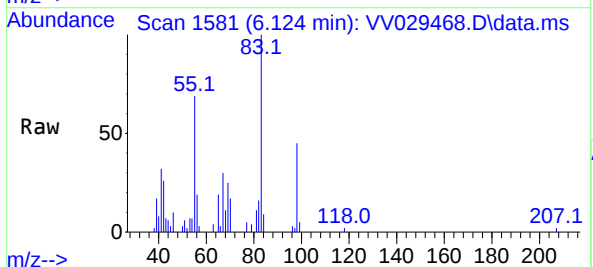
Ion	Ratio	Lower	Upper
95	100		
97	65.9	44.0	81.8
132	98.3	69.9	129.9
130	113.3	73.7	136.9

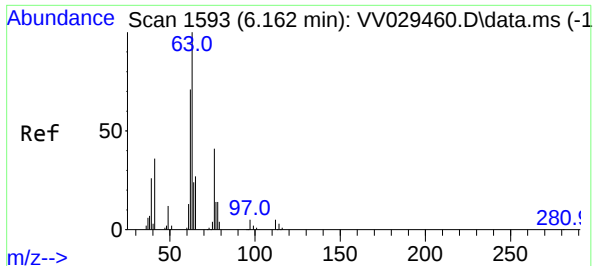


#35
Methylcyclohexane
Concen: 2.491 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.003 min
Lab File: VV029468.D
Acq: 08 Dec 2022 13:28

Tgt Ion: 83 Resp: 14132

Ion	Ratio	Lower	Upper
83	100		
55	67.7	55.5	83.3
98	47.0	39.8	59.8

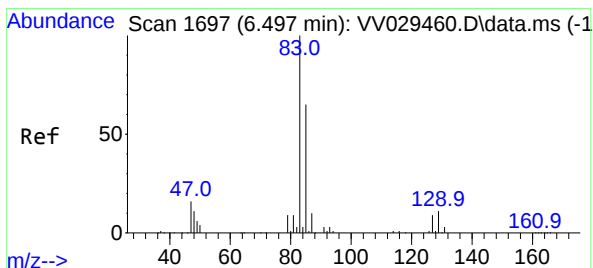
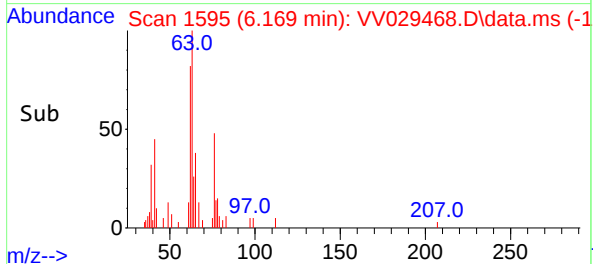
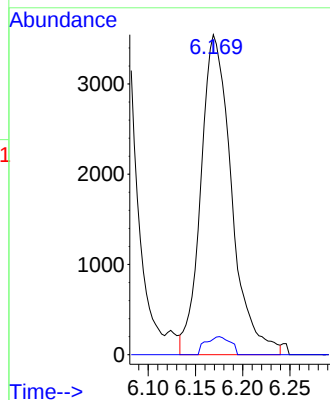
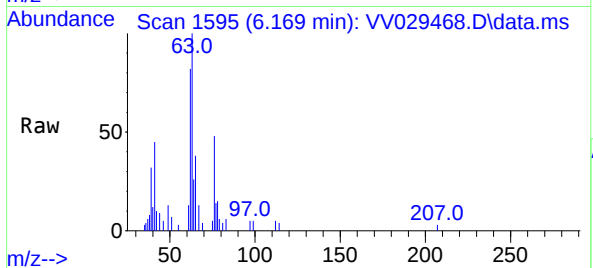




#37
1,2-Dichloropropane
Concen: 2.493 ug/L
RT: 6.169 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV029468.D
Acq: 08 Dec 2022 13:28

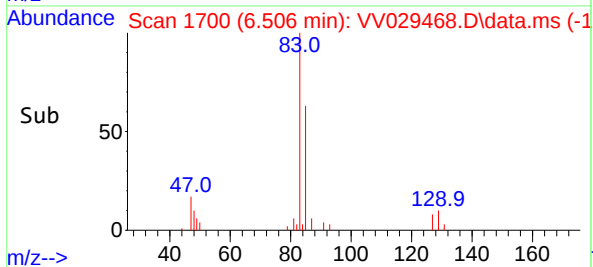
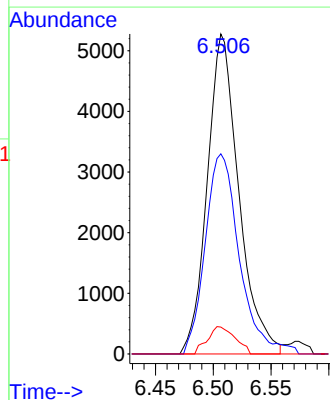
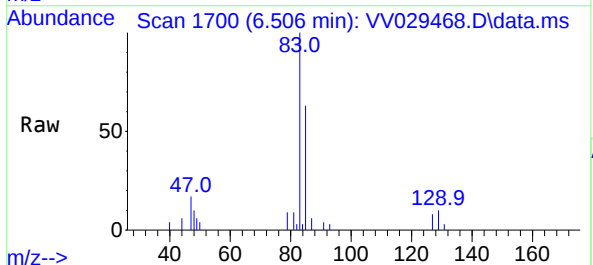
Instrument :
MSVOA_V
ClientSampleId :
MDL05

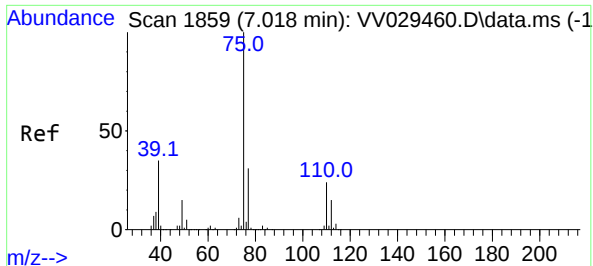
Tgt Ion: 63 Resp: 8021
Ion Ratio Lower Upper
63 100
112 4.5 3.9 5.9



#38
Bromodichloromethane
Concen: 2.256 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. 0.003 min
Lab File: VV029468.D
Acq: 08 Dec 2022 13:28

Tgt Ion: 83 Resp: 10021
Ion Ratio Lower Upper
83 100
85 62.5 45.3 84.1
127 8.4 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 2.238 ug/L

RT: 7.024 min Scan# 11842

Delta R.T. 0.003 min

Lab File: VV029468.D

Acq: 08 Dec 2022 13:28

Instrument :

MSVOA_V

ClientSampleId :

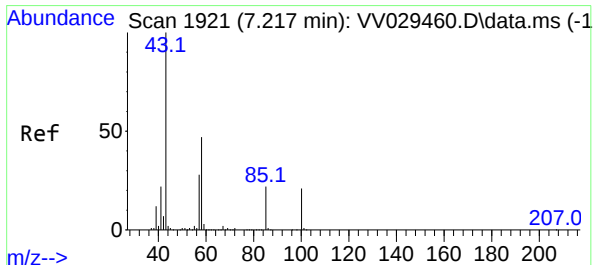
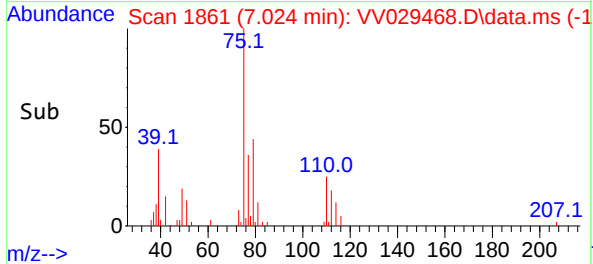
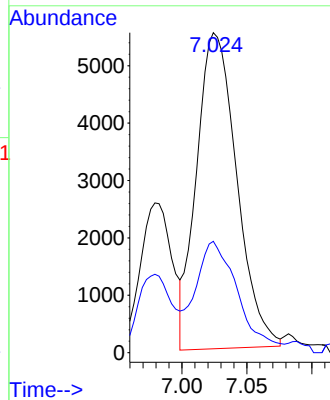
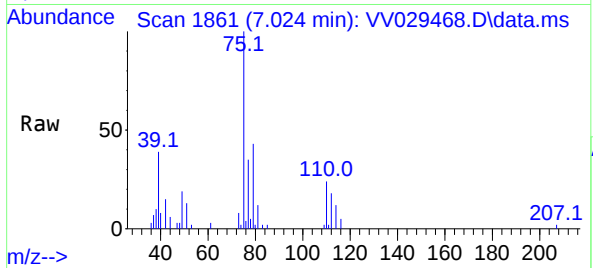
MDL05

Tgt Ion: 75 Resp: 11842

Ion Ratio Lower Upper

75 100

77 34.8 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 5.057 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.006 min

Lab File: VV029468.D

Acq: 08 Dec 2022 13:28

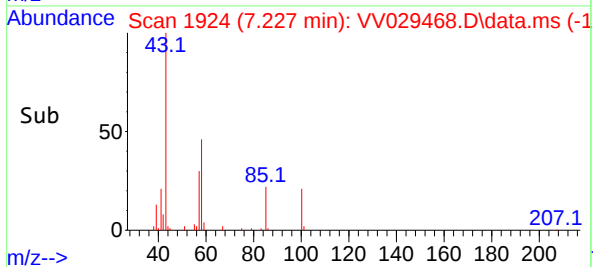
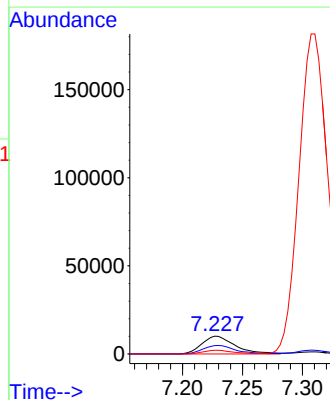
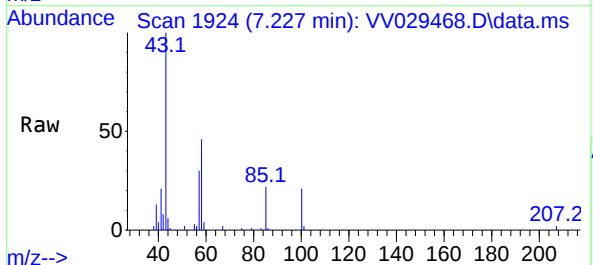
Tgt Ion: 43 Resp: 19399

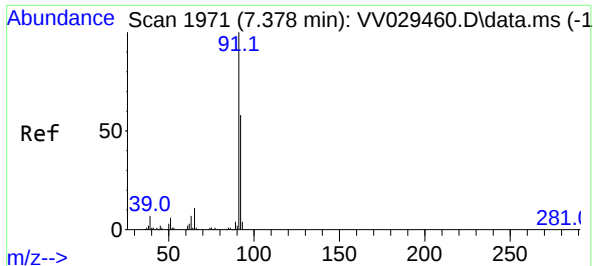
Ion Ratio Lower Upper

43 100

58 46.4 37.5 56.3

100 19.6 16.7 25.1





#42

Toluene

Concen: 2.370 ug/L

RT: 7.384 min Scan# 1971

Delta R.T. 0.003 min

Lab File: VV029468.D

Acq: 08 Dec 2022 13:28

Instrument :

MSVOA_V

ClientSampleId :

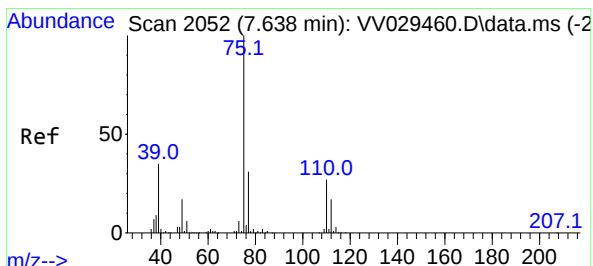
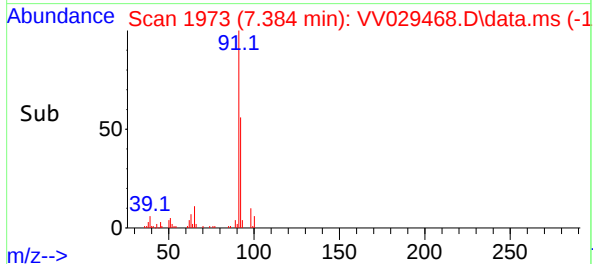
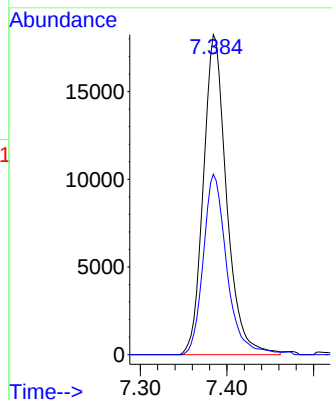
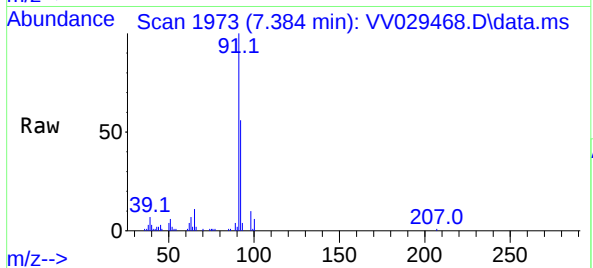
MDL05

Tgt Ion: 91 Resp: 34005

Ion Ratio Lower Upper

91 100

92 56.4 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 2.819 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.003 min

Lab File: VV029468.D

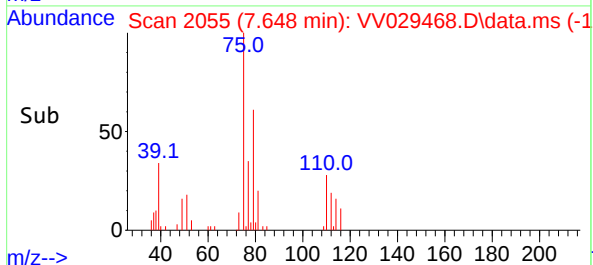
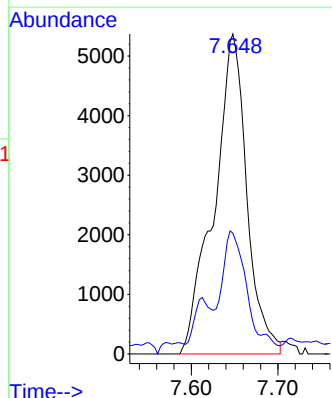
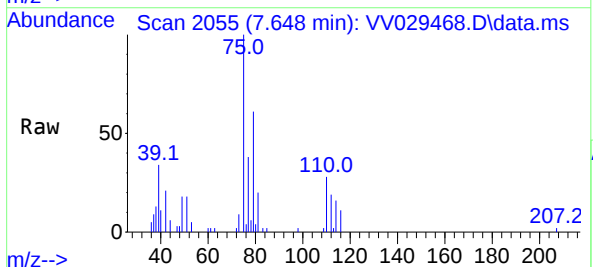
Acq: 08 Dec 2022 13:28

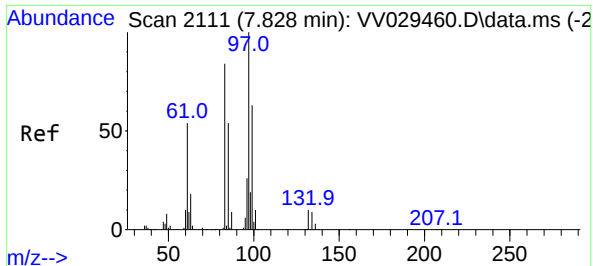
Tgt Ion: 75 Resp: 14125

Ion Ratio Lower Upper

75 100

77 37.8 22.3 41.5



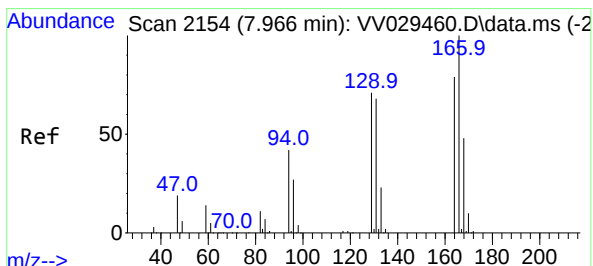
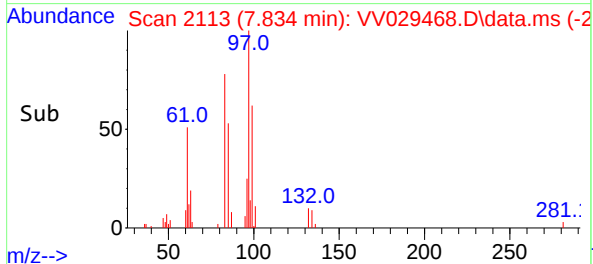
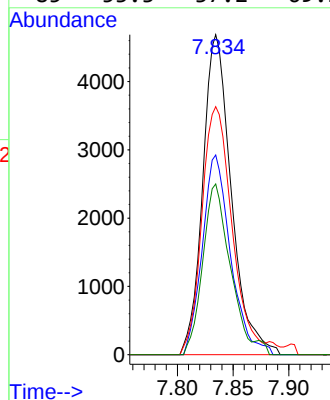
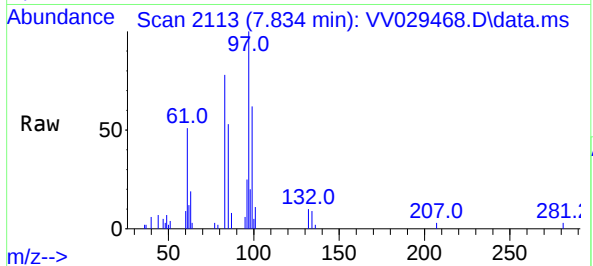


#45
1,1,2-Trichloroethane
Concen: 2.517 ug/L
RT: 7.834 min Scan# 2111
Delta R.T. 0.003 min
Lab File: VV029468.D
Acq: 08 Dec 2022 13:28

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion: 97 Resp: 8367

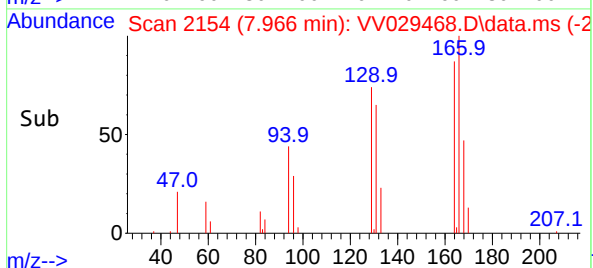
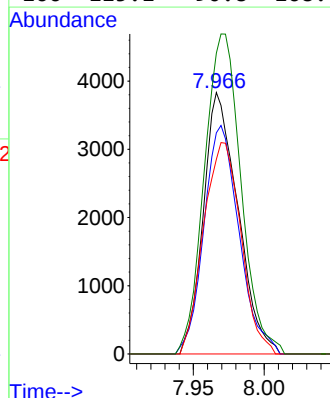
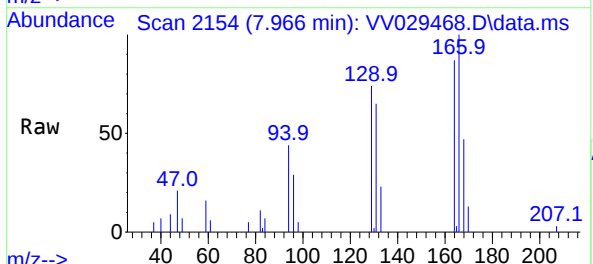
Ion	Ratio	Lower	Upper
97	100		
99	62.4	43.8	81.3
83	77.5	58.6	108.8
85	53.3	37.2	69.2

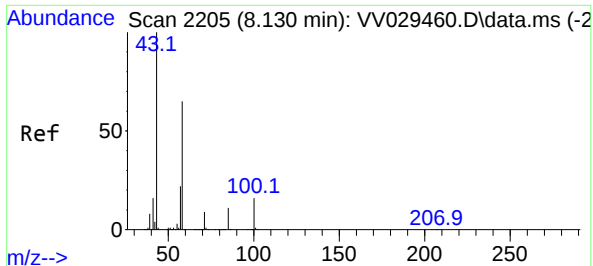


#46
Tetrachloroethene
Concen: 2.421 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.003 min
Lab File: VV029468.D
Acq: 08 Dec 2022 13:28

Tgt Ion: 164 Resp: 6502

Ion	Ratio	Lower	Upper
164	100		
129	84.6	65.3	121.3
131	74.4	63.1	117.1
166	115.1	90.8	168.6

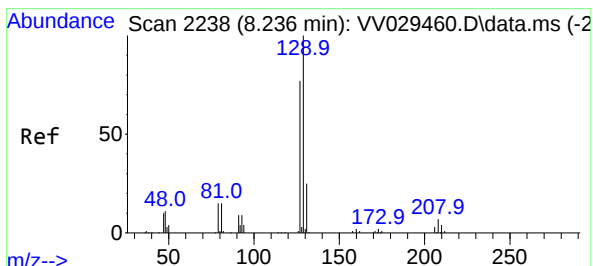
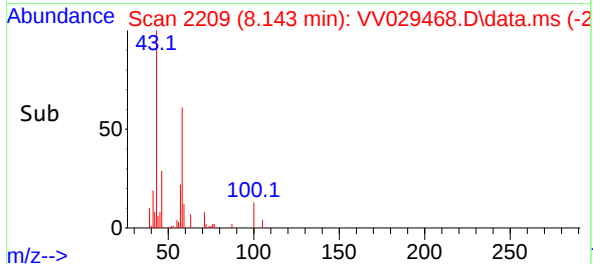
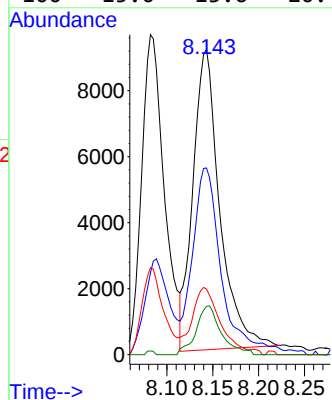
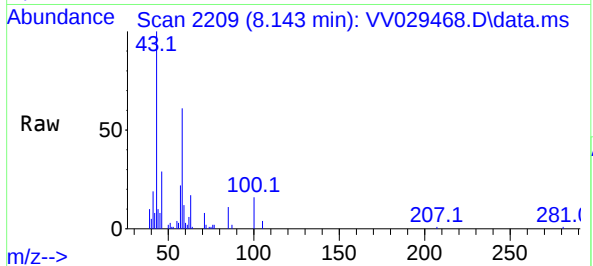




#48
2-Hexanone
Concen: 6.331 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV029468.D
Acq: 08 Dec 2022 13:28

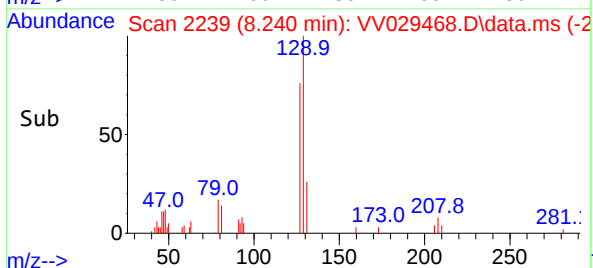
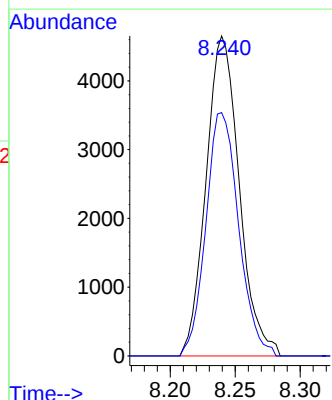
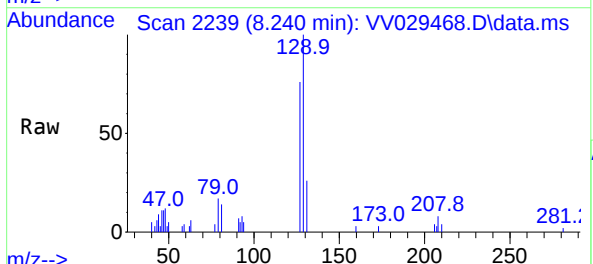
Instrument :
MSVOA_V
ClientSampleId :
MDL05

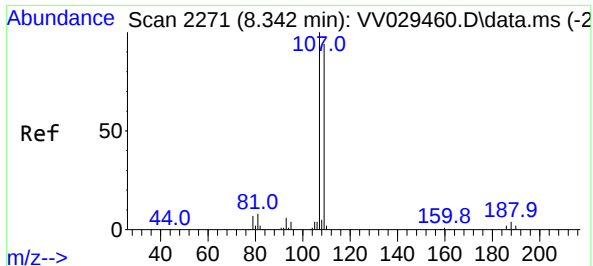
Tgt Ion: 43 Resp: 18556
Ion Ratio Lower Upper
43 100
58 58.0 54.1 81.1
57 19.5 17.4 26.0
100 15.0 13.6 20.4



#49
Dibromochloromethane
Concen: 2.255 ug/L
RT: 8.240 min Scan# 2239
Delta R.T. 0.003 min
Lab File: VV029468.D
Acq: 08 Dec 2022 13:28

Tgt Ion: 129 Resp: 8274
Ion Ratio Lower Upper
129 100
127 76.1 55.2 102.4





#50

1,2-Dibromoethane

Concen: 2.415 ug/L

RT: 8.346 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV029468.D

Acq: 08 Dec 2022 13:28

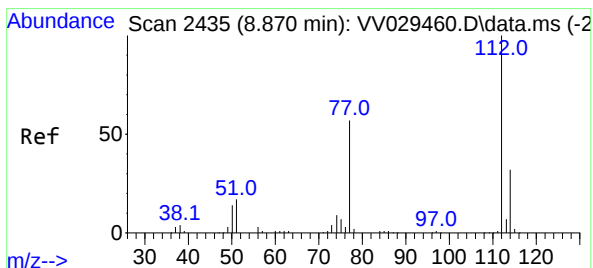
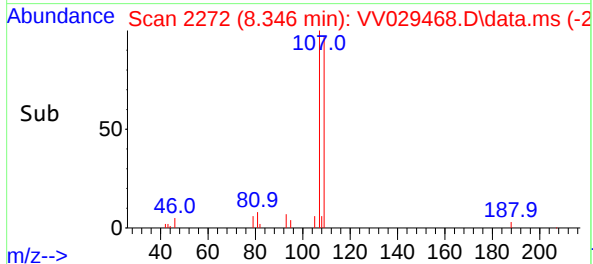
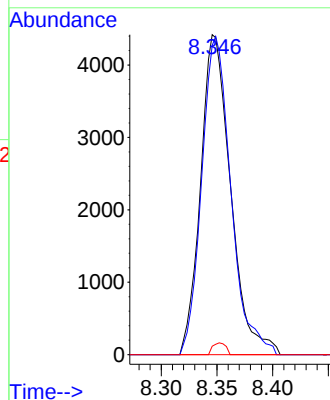
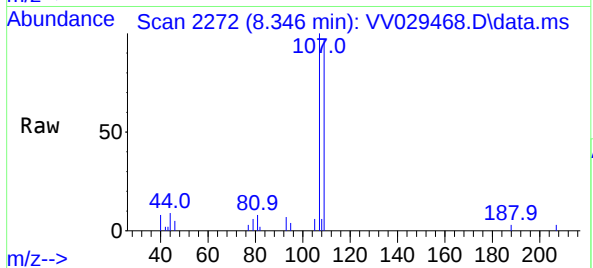
Instrument :

MSVOA_V

ClientSampleId :

MDL05

Tgt Ion:	107	Resp:	8271
Ion	Ratio	Lower	Upper
107	100		
109	96.7	66.0	122.6
188	2.6	3.2	4.8#



#51

Chlorobenzene

Concen: 2.498 ug/L

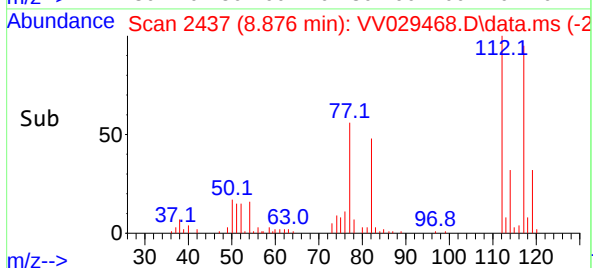
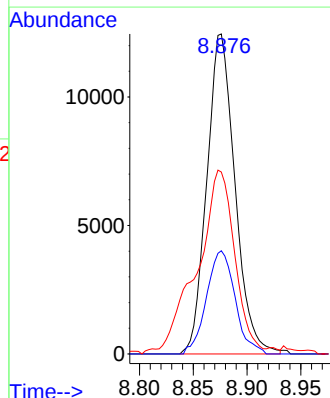
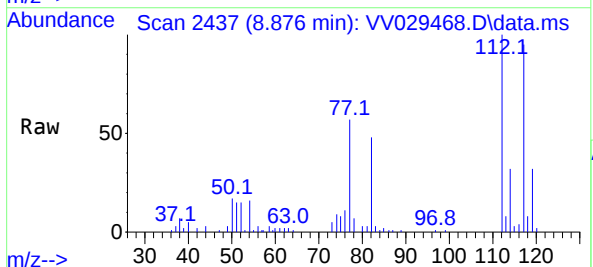
RT: 8.876 min Scan# 2437

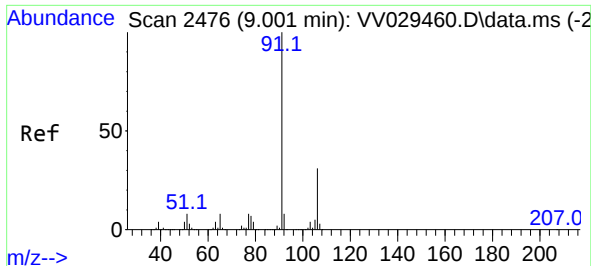
Delta R.T. 0.003 min

Lab File: VV029468.D

Acq: 08 Dec 2022 13:28

Tgt Ion:	112	Resp:	22698
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.3	41.3
77	56.8	45.0	67.4

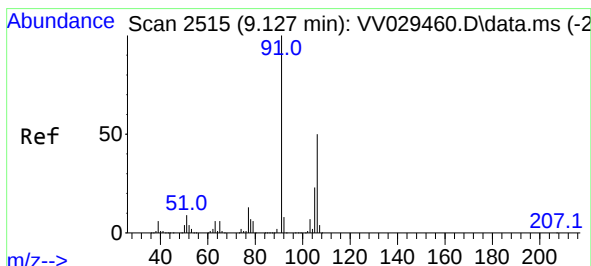
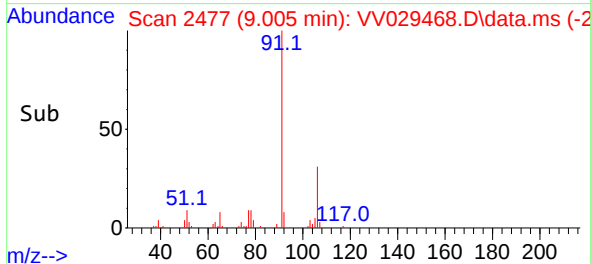
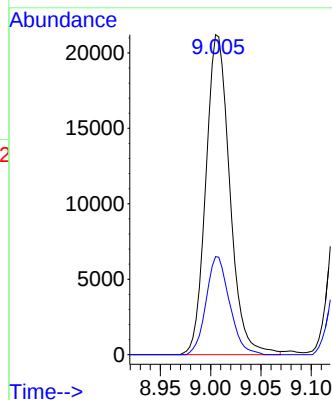
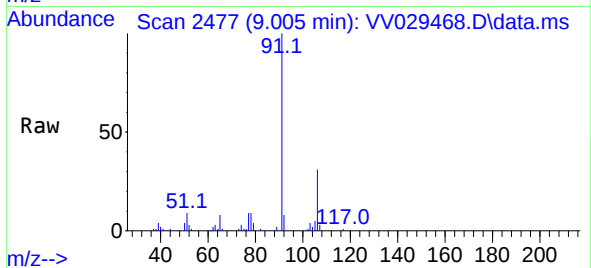




#52
Ethylbenzene
Concen: 2.331 ug/L
RT: 9.005 min Scan# 2476
Delta R.T. 0.000 min
Lab File: VV029468.D
Acq: 08 Dec 2022 13:28

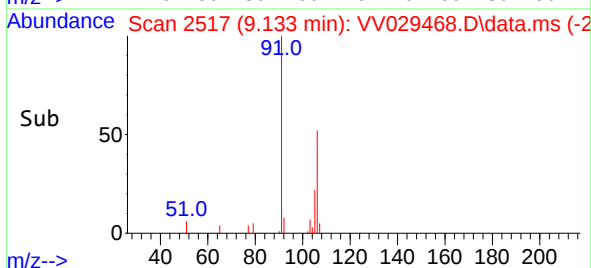
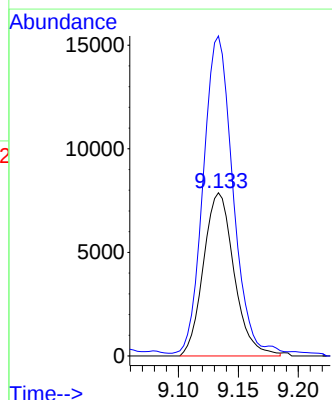
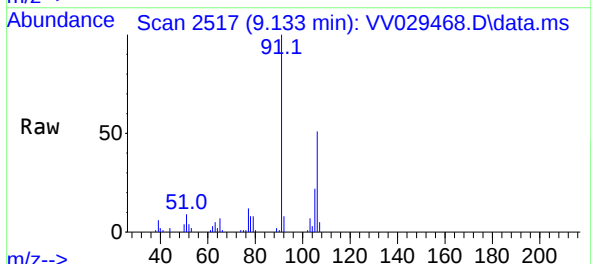
Instrument :
MSVOA_V
ClientSampleId :
MDL05

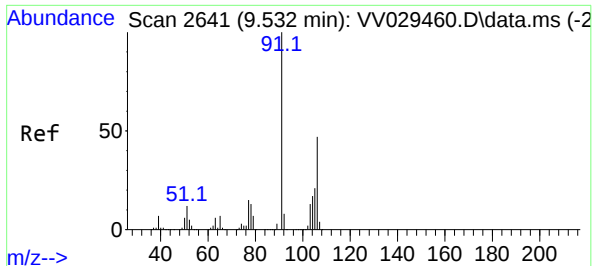
Tgt Ion: 91 Resp: 35166
Ion Ratio Lower Upper
91 100
106 30.6 21.8 40.6



#53
m,p-Xylene
Concen: 2.344 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.003 min
Lab File: VV029468.D
Acq: 08 Dec 2022 13:28

Tgt Ion: 106 Resp: 13996
Ion Ratio Lower Upper
106 100
91 196.0 139.5 259.1





#54

o-Xylene

Concen: 2.237 ug/L

RT: 9.535 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV029468.D

Acq: 08 Dec 2022 13:28

Instrument :

MSVOA_V

ClientSampleId :

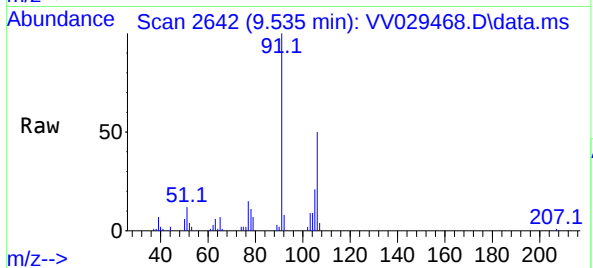
MDL05

Tgt Ion:106 Resp: 13212

Ion Ratio Lower Upper

106 100

91 201.9 148.0 274.8



Abundance

15000

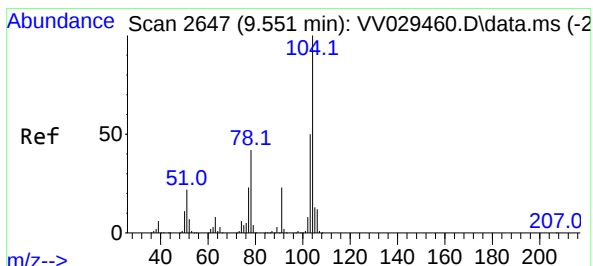
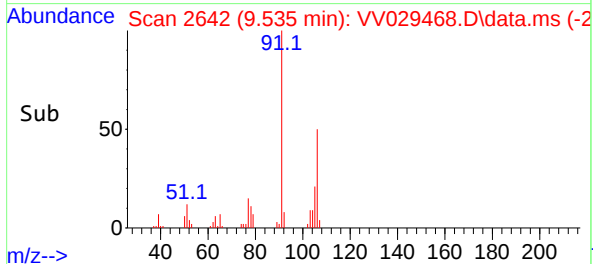
10000

5000

0

9.535

Time-->



#55

Styrene

Concen: 2.164 ug/L

RT: 9.558 min Scan# 2649

Delta R.T. 0.007 min

Lab File: VV029468.D

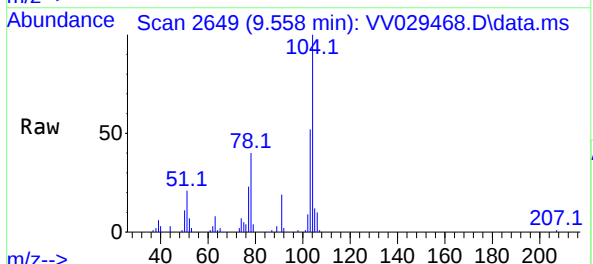
Acq: 08 Dec 2022 13:28

Tgt Ion:104 Resp: 22211

Ion Ratio Lower Upper

104 100

78 39.7 29.4 54.6



Abundance

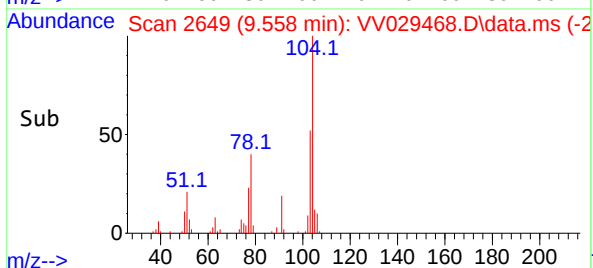
10000

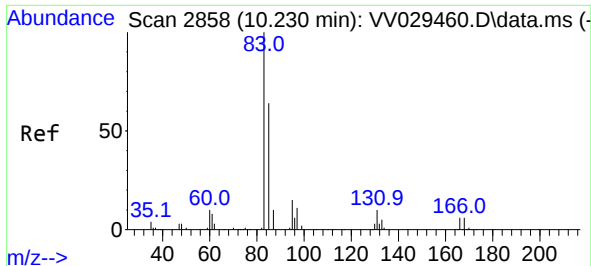
5000

0

9.558

Time-->





#57

1,1,2,2-Tetrachloroethane

Concen: 2.611 ug/L

RT: 10.230 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV029468.D

Acq: 08 Dec 2022 13:28

Instrument :

MSVOA_V

ClientSampleId :

MDL05

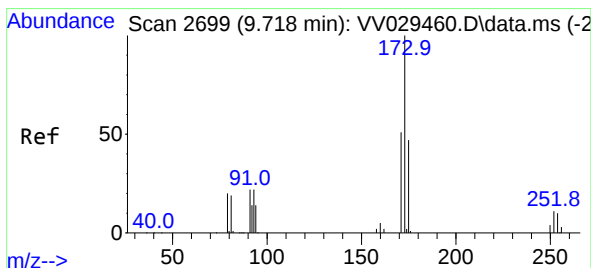
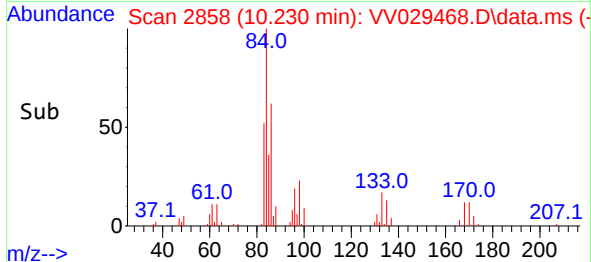
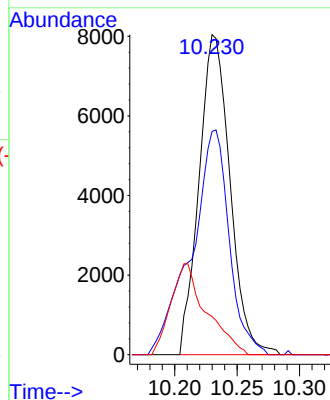
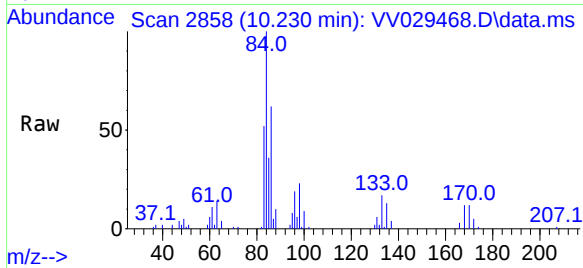
Tgt Ion: 83 Resp: 13886

Ion Ratio Lower Upper

83 100

85 69.7 45.7 84.9

131 11.9 7.9 11.9#



#59

Bromoform

Concen: 2.160 ug/L

RT: 9.722 min Scan# 2700

Delta R.T. 0.000 min

Lab File: VV029468.D

Acq: 08 Dec 2022 13:28

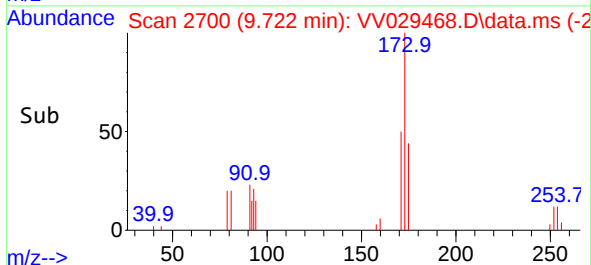
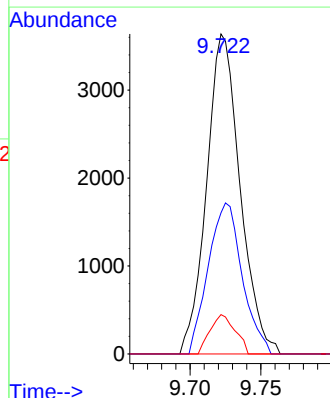
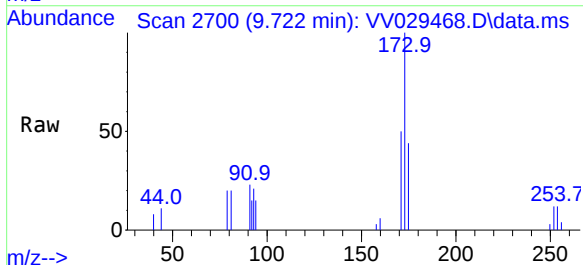
Tgt Ion: 173 Resp: 5981

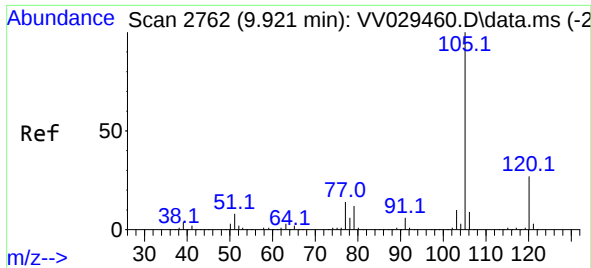
Ion Ratio Lower Upper

173 100

175 47.7 38.4 57.6

254 9.2 7.8 11.8

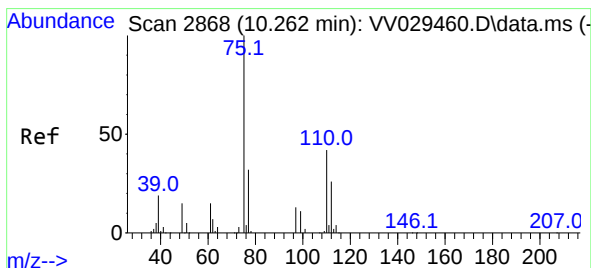
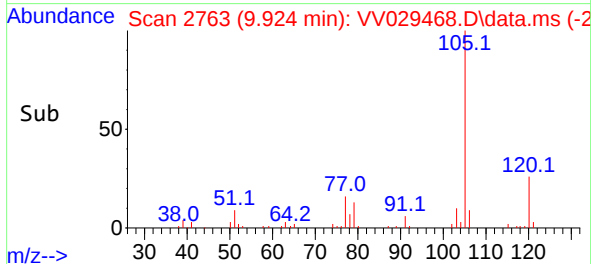
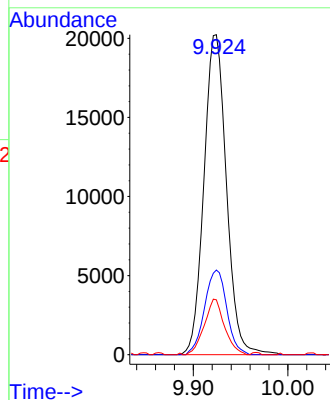
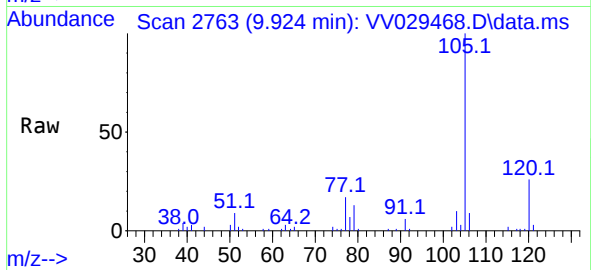




#60
Isopropylbenzene
Concen: 2.272 ug/L
RT: 9.924 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029468.D
Acq: 08 Dec 2022 13:28

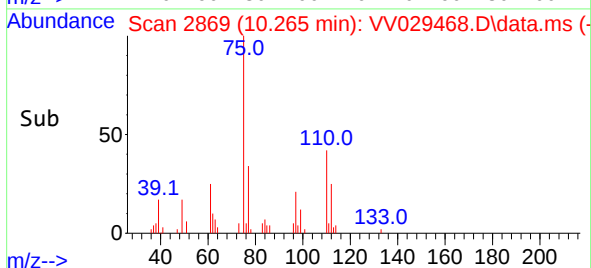
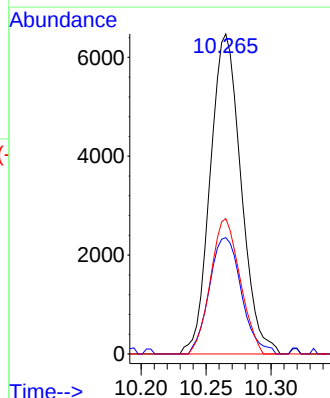
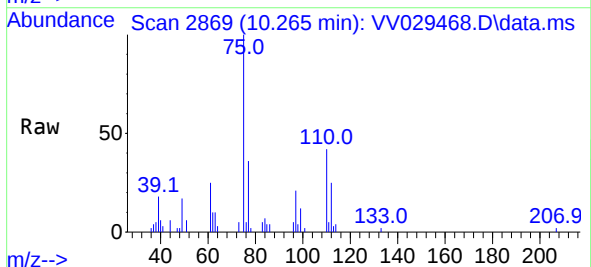
Instrument :
MSVOA_V
ClientSampleId :
MDL05

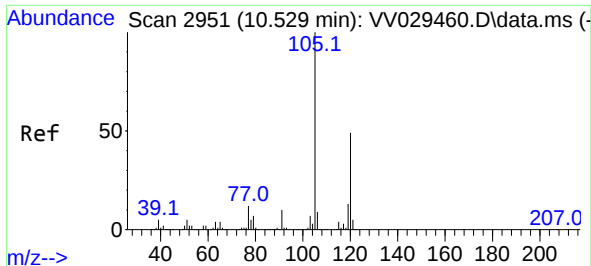
Tgt Ion:	105	Resp:	33432
Ion	Ratio	Lower	Upper
105	100		
120	26.1	21.1	31.7
77	15.6	11.6	17.4



#61
1,2,3-Trichloropropane
Concen: 2.756 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.003 min
Lab File: VV029468.D
Acq: 08 Dec 2022 13:28

Tgt Ion:	75	Resp:	10664
Ion	Ratio	Lower	Upper
75	100		
77	37.9	25.4	38.2
110	40.4	32.7	49.1

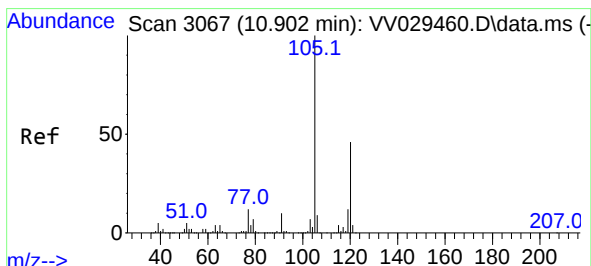
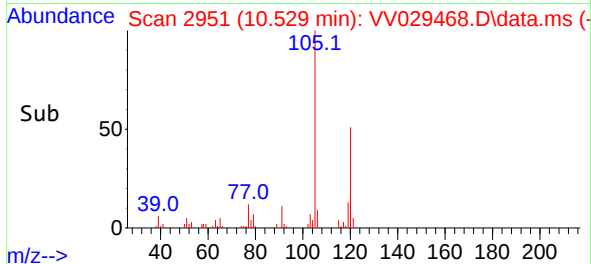
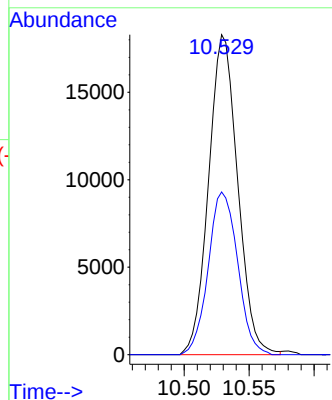
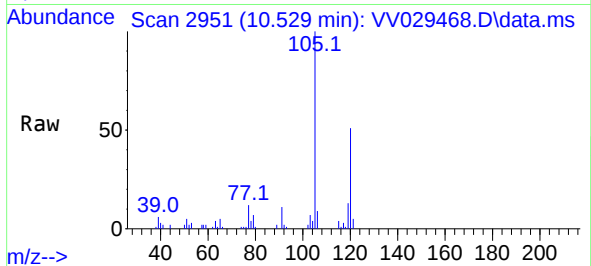




#62
1,3,5-Trimethylbenzene
Concen: 2.185 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VV029468.D
Acq: 08 Dec 2022 13:28

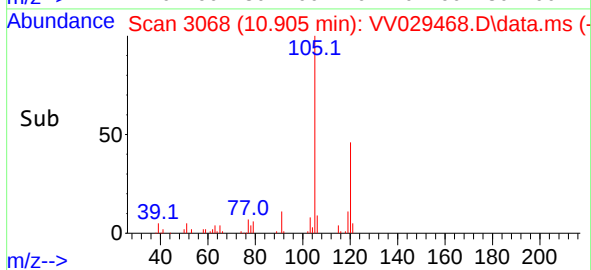
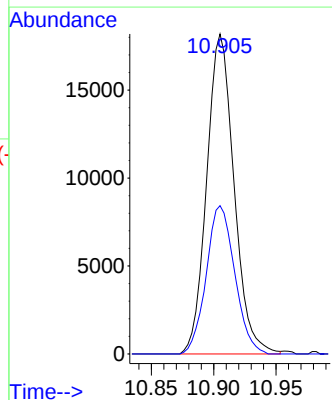
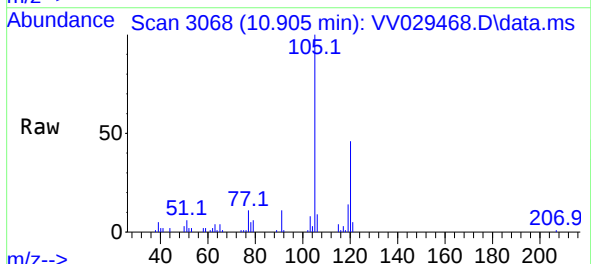
Instrument :
MSVOA_V
ClientSampleId :
MDL05

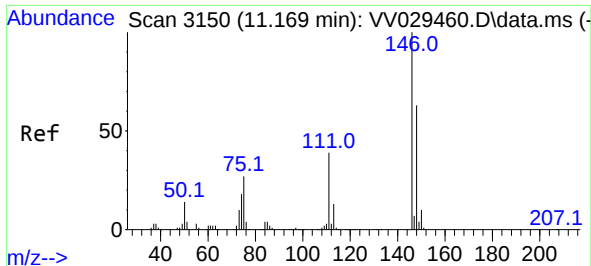
Tgt Ion:105 Resp: 28429
Ion Ratio Lower Upper
105 100
120 51.5 40.0 60.0



#63
1,2,4-Trimethylbenzene
Concen: 2.152 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. 0.000 min
Lab File: VV029468.D
Acq: 08 Dec 2022 13:28

Tgt Ion:105 Resp: 27763
Ion Ratio Lower Upper
105 100
120 48.3 36.7 55.1

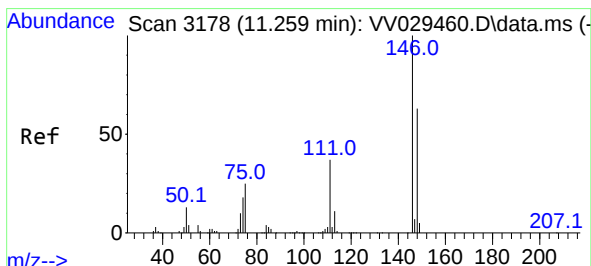
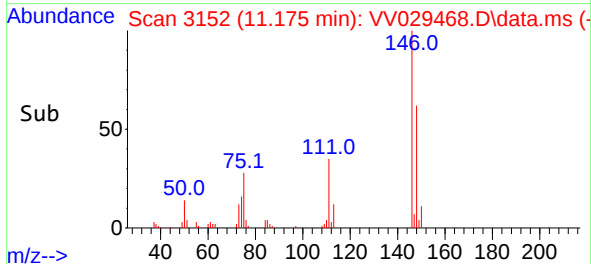
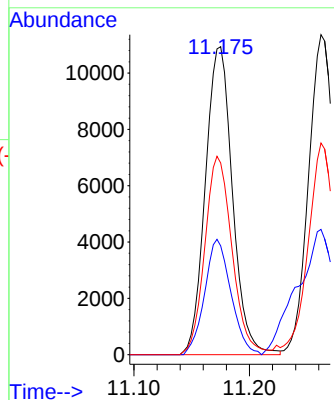
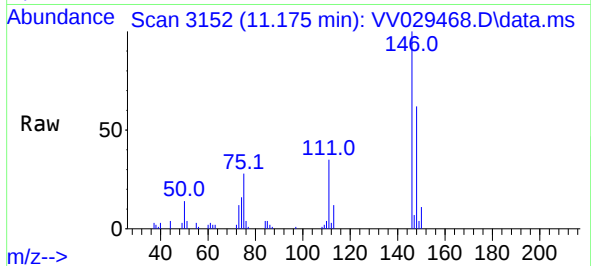




#64
1,3-Dichlorobenzene
Concen: 2.484 ug/L
RT: 11.175 min Scan# 3152
Delta R.T. 0.007 min
Lab File: VV029468.D
Acq: 08 Dec 2022 13:28

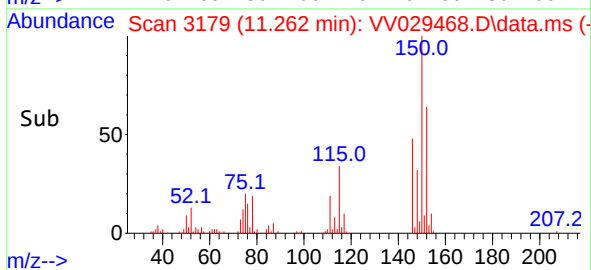
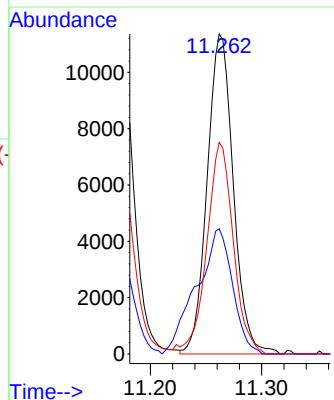
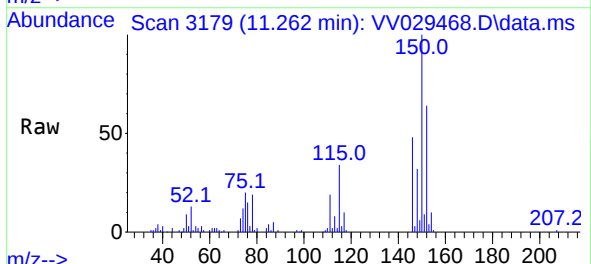
Instrument :
MSVOA_V
ClientSampleId :
MDL05

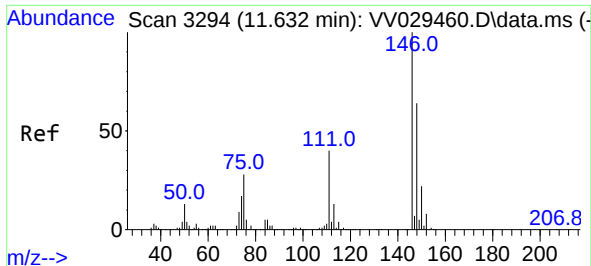
Tgt Ion:146 Resp: 17875
Ion Ratio Lower Upper
146 100
111 35.3 27.4 51.0
148 62.2 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 2.534 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VV029468.D
Acq: 08 Dec 2022 13:28

Tgt Ion:146 Resp: 18533
Ion Ratio Lower Upper
146 100
111 39.1 26.2 48.8
148 66.2 44.7 83.1



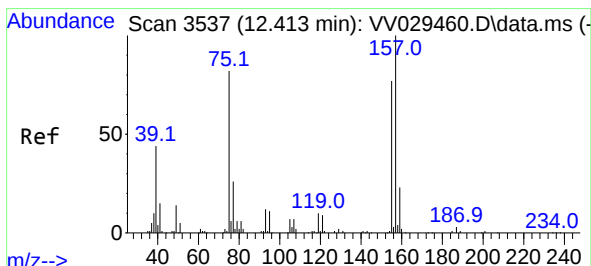
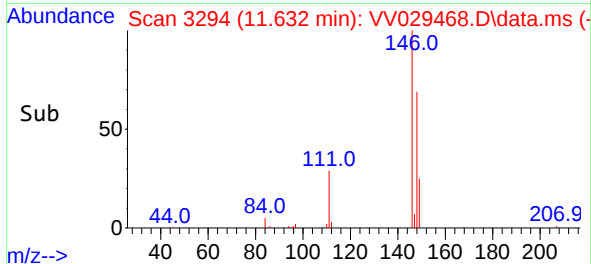
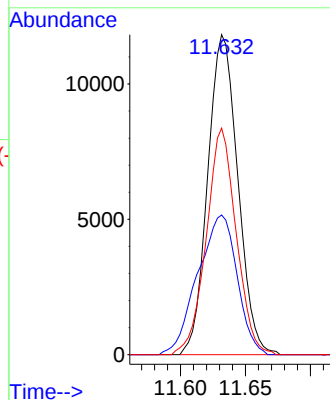
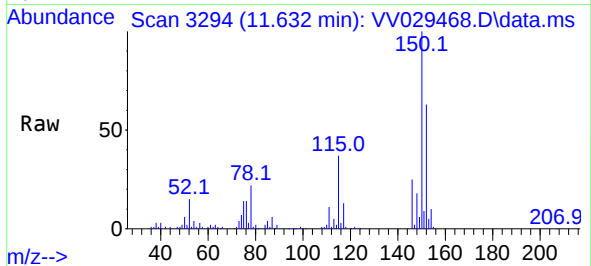


#67
1,2-Dichlorobenzene
Concen: 2.590 ug/L
RT: 11.632 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV029468.D
Acq: 08 Dec 2022 13:28

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion:146 Resp: 19060

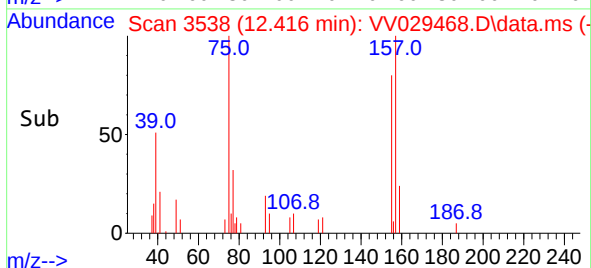
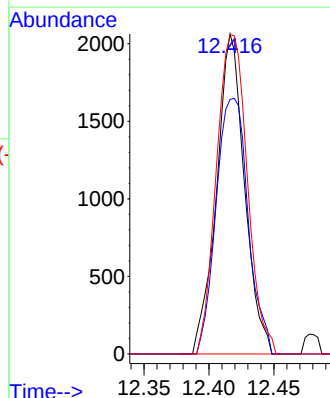
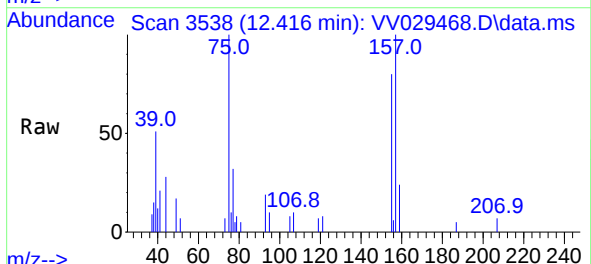
Ion	Ratio	Lower	Upper
146	100		
111	43.6	32.0	48.0
148	70.8	50.6	76.0

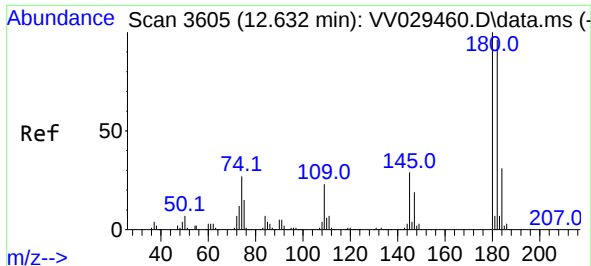


#68
1,2-Dibromo-3-chloropropane
Concen: 2.565 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. 0.000 min
Lab File: VV029468.D
Acq: 08 Dec 2022 13:28

Tgt Ion: 75 Resp: 3084

Ion	Ratio	Lower	Upper
75	100		
155	79.5	76.2	114.2
157	99.9	96.0	144.0



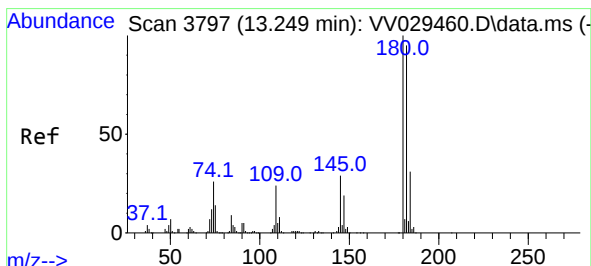
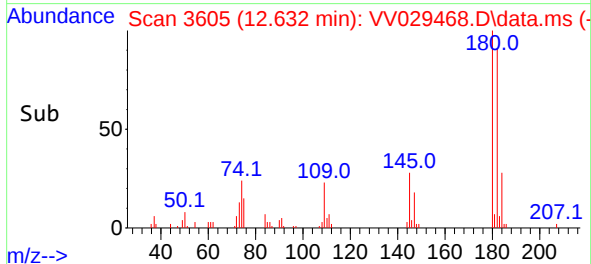
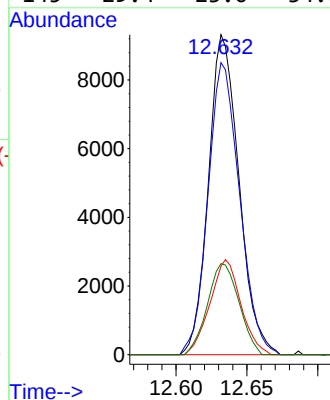
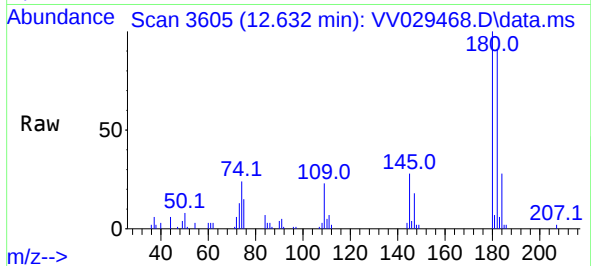


#69
1,3,5-Trichlorobenzene
Concen: 2.437 ug/L
RT: 12.632 min Scan# 3605
Delta R.T. 0.000 min
Lab File: VV029468.D
Acq: 08 Dec 2022 13:28

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion:180 Resp: 13954

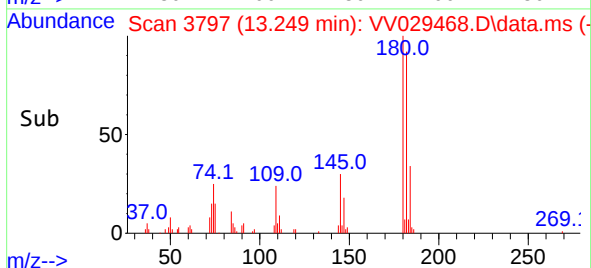
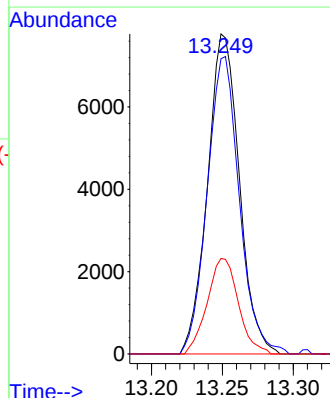
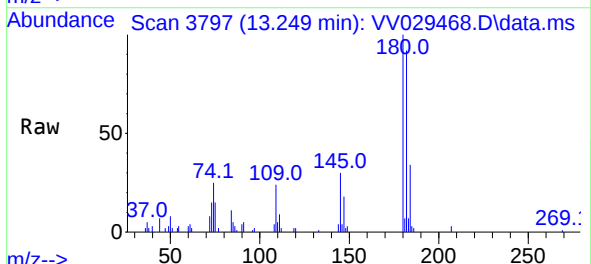
Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.5	114.7
184	30.1	24.6	36.8
145	29.4	23.0	34.6

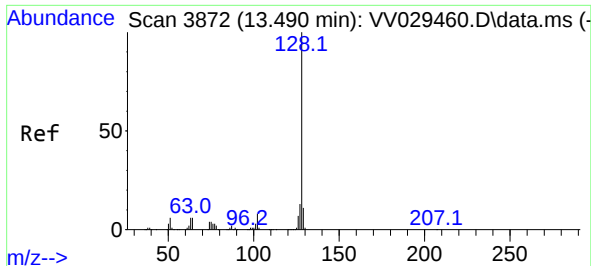


#70
1,2,4-trichlorobenzene
Concen: 2.385 ug/L
RT: 13.249 min Scan# 3797
Delta R.T. 0.000 min
Lab File: VV029468.D
Acq: 08 Dec 2022 13:28

Tgt Ion:180 Resp: 12145

Ion	Ratio	Lower	Upper
180	100		
182	93.7	76.3	114.5
145	29.2	23.7	35.5

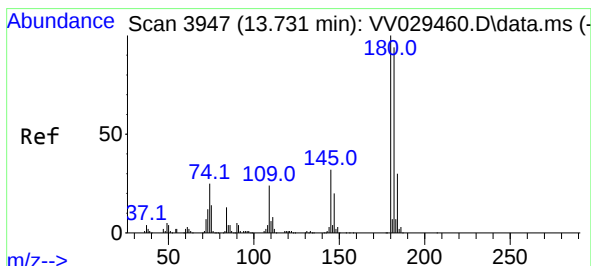
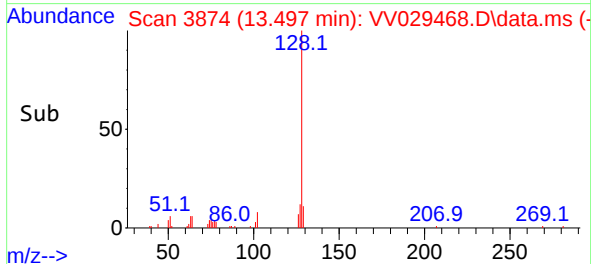
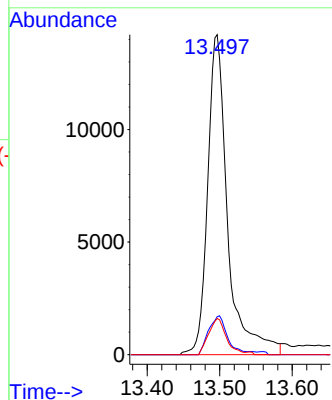
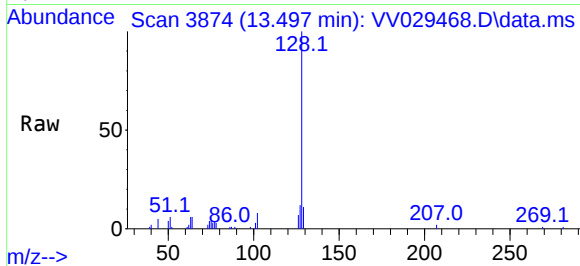




#71
Naphthalene
Concen: 2.362 ug/L
RT: 13.497 min Scan# 3872
Delta R.T. 0.003 min
Lab File: VV029468.D
Acq: 08 Dec 2022 13:28

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion:128	Resp:	27276
Ion Ratio	Lower	Upper
128	100	
127	11.4	10.2 15.4
129	10.0	8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 2.369 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. 0.000 min
Lab File: VV029468.D
Acq: 08 Dec 2022 13:28

Tgt Ion:180	Resp:	11813
Ion Ratio	Lower	Upper
180	100	
182	96.3	76.4 114.6
145	31.0	25.0 37.6

