

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120622\
 Data File : VW029407.D
 Acq On : 06 Dec 2022 11:57
 Operator : SY/MD
 Sample : MDL07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

Quant Time: Dec 06 21:55:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 06 21:48:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	217495	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	199372	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	103057	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	66538	4.971	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.400%
7) Chloroethane-d5	1.565	69	50989	5.204	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.000%
11) 1,1-Dichloroethene-d2	2.105	63	78366	3.659	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	3.899	46	81194	36.262	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.520%
24) Chloroform-d	4.343	84	111597	4.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.027	65	48442	4.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.044	84	241063	4.375	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.066	67	73086	4.720	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.310	98	218599	4.203	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	7.616	79	27318	4.576	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.085	63	89245	41.941	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.880%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	47203	4.941	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	11.616	152	76138	4.229	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	3430	0.211	ug/L	93
3) Chloromethane	1.240	50	4264	0.287	ug/L	91
5) Vinyl chloride	1.307	62	3552	0.240	ug/L #	66
6) Bromomethane	1.520	94	1838	0.199	ug/L	97
8) Chloroethane	1.584	64	2231	0.253	ug/L	89
9) Trichlorofluoromethane	1.751	101	4582	0.221	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	3480	0.301	ug/L #	83
12) 1,1-Dichloroethene	2.114	96	3259	0.291	ug/L #	1
13) Acetone	2.188	43	3297	2.025	ug/L	69
14) Carbon disulfide	2.291	76	8185	0.252	ug/L	99
15) Methyl Acetate	2.446	43	770	0.165	ug/L #	68
16) Methylene chloride	2.503	84	6106	0.357	ug/L	95
17) Methyl tert-butyl Ether	2.764	73	6702	0.234	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	3095	0.241	ug/L	88
19) 1,1-Dichloroethane	3.192	63	5693	0.246	ug/L	94
21) 2-Butanone	4.005	43	2146	0.842	ug/L	96
22) cis-1,2-Dichloroethene	3.905	96	3506	0.239	ug/L	93
23) Bromochloromethane	4.253	128	1390	0.236	ug/L	93
25) Chloroform	4.372	83	6396	0.265	ug/L	93

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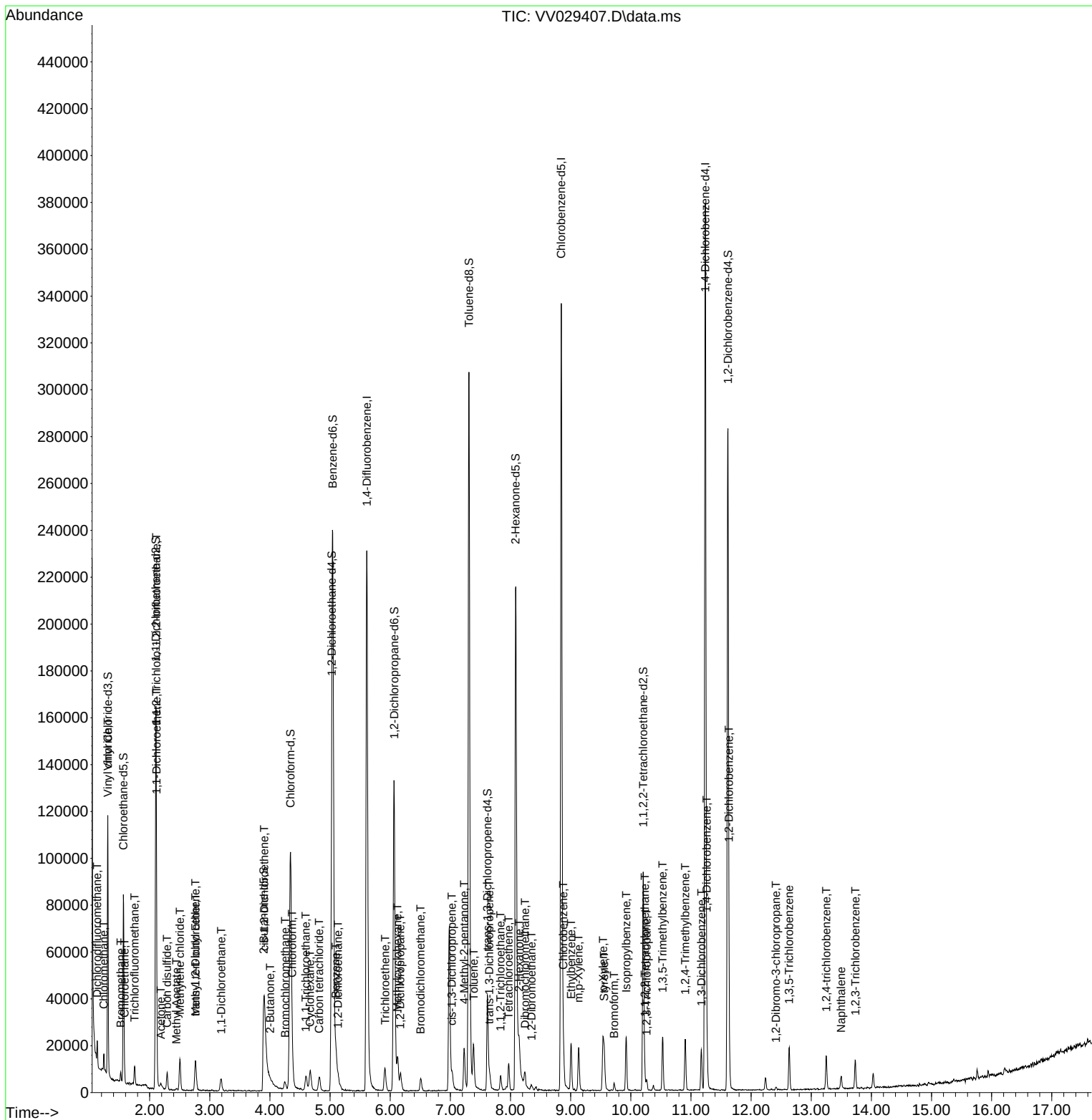
Instrument :
 MSVOA_V
 ClientSampleId :
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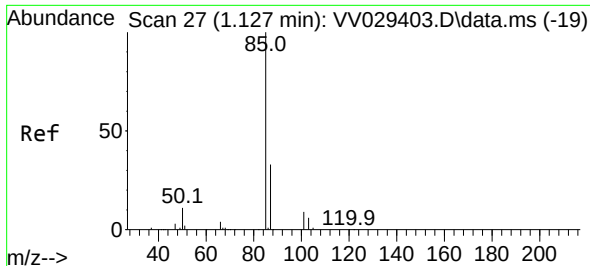
Quant Time: Dec 06 21:55:28 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	3316	0.254	ug/L	100
29) 1,1,1-Trichloroethane	4.597	97	5385	0.235	ug/L	99
30) Cyclohexane	4.667	56	4550	0.201	ug/L	93
31) Carbon tetrachloride	4.818	117	4486	0.231	ug/L	100
33) Benzene	5.095	78	14110	0.237	ug/L	100
34) Trichloroethene	5.918	95	3420	0.225	ug/L	96
35) Methylcyclohexane	6.121	83	5946	0.232	ug/L	95
37) 1,2-Dichloropropane	6.169	63	3600	0.256	ug/L #	85
38) Bromodichloromethane	6.506	83	4264	0.254	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	4666	0.227	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	12579	1.914	ug/L #	86
42) Toluene	7.387	91	14677	0.229	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	4733	0.291	ug/L	95
45) 1,1,2-Trichloroethane	7.834	97	2281	0.240	ug/L	96
47) Tetrachloroethene	7.969	164	2640	0.212	ug/L	91
48) 2-Hexanone	8.143	43	10791	2.355	ug/L	92
49) Dibromochloromethane	8.243	129	2693	0.252	ug/L	89
50) 1,2-Dibromoethane	8.349	107	1977	0.238	ug/L #	98
51) Chlorobenzene	8.876	112	9288	0.232	ug/L	91
52) Ethylbenzene	9.008	91	15407	0.231	ug/L	97
53) m,p-Xylene	9.133	106	5850	0.222	ug/L	99
54) o-Xylene	9.539	106	5447	0.211	ug/L	97
55) Styrene	9.558	104	9642	0.221	ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.233	83	2670	0.271	ug/L #	98
59) Bromoform	9.722	173	1325	0.245	ug/L #	89
60) Isopropylbenzene	9.924	105	15068	0.226	ug/L	98
61) 1,2,3-Trichloropropane	10.265	75	2089	0.292	ug/L #	91
62) 1,3,5-Trimethylbenzene	10.529	105	12565	0.218	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	13122	0.226	ug/L	97
64) 1,3-Dichlorobenzene	11.175	146	7597	0.244	ug/L	98
65) 1,4-Dichlorobenzene	11.262	146	7677	0.250	ug/L	97
67) 1,2-Dichlorobenzene	11.632	146	6985	0.244	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.413	75	381	0.271	ug/L #	60
69) 1,3,5-Trichlorobenzene	12.632	180	5932	0.232	ug/L	95
70) 1,2,4-trichlorobenzene	13.252	180	4837	0.233	ug/L	99
71) Naphthalene	13.497	128	5284	0.294	ug/L	98
72) 1,2,3-Trichlorobenzene	13.735	180	4327	0.256	ug/L	94

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

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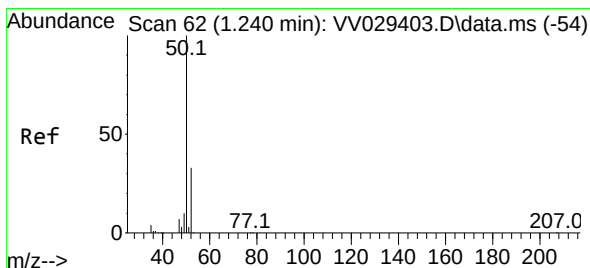
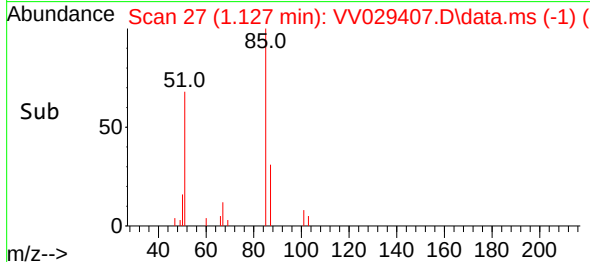
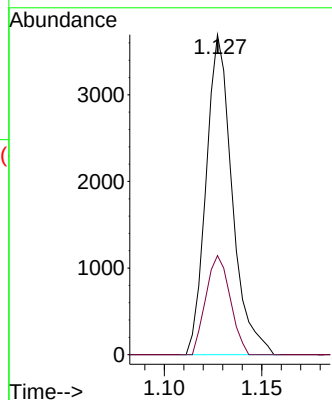
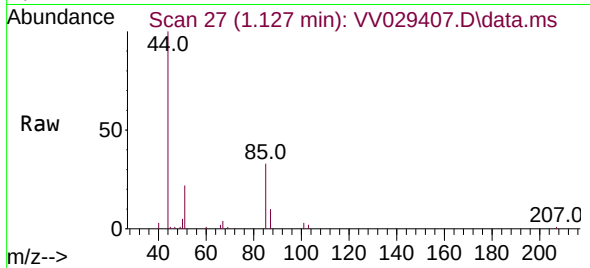




#2
 Dichlorodifluoromethane
 Concen: 0.211 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV029407.D
 Acq: 06 Dec 2022 11:57

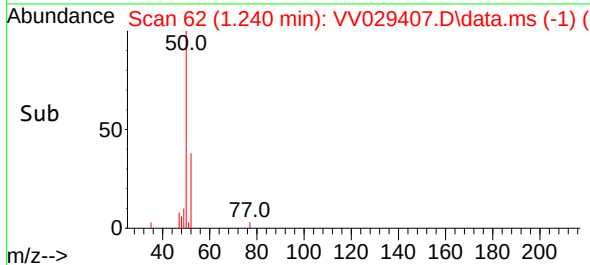
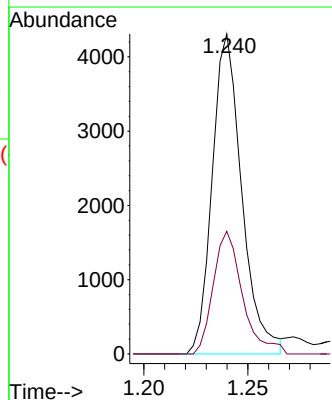
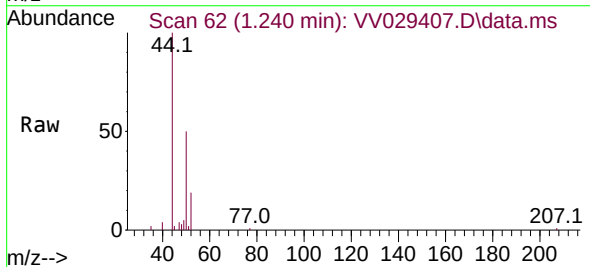
Instrument :
 MSVOA_V
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 MDL07

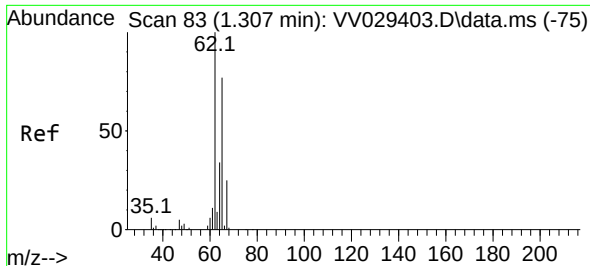
Tgt Ion: 85 Resp: 3430
 Ion Ratio Lower Upper
 85 100
 87 28.8 26.2 39.4



#3
 Chloromethane
 Concen: 0.287 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV029407.D
 Acq: 06 Dec 2022 11:57

Tgt Ion: 50 Resp: 4264
 Ion Ratio Lower Upper
 50 100
 52 38.4 23.2 43.2

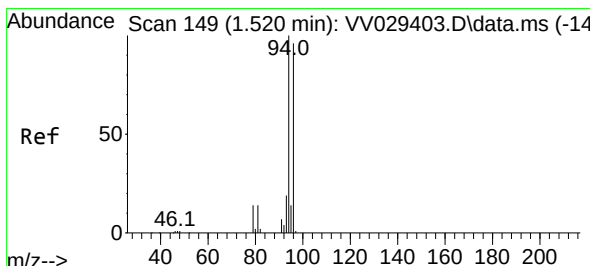
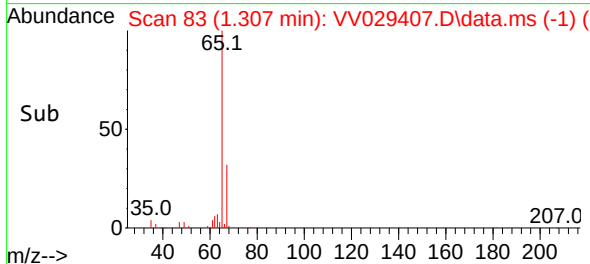
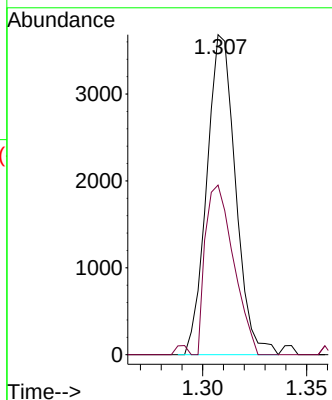
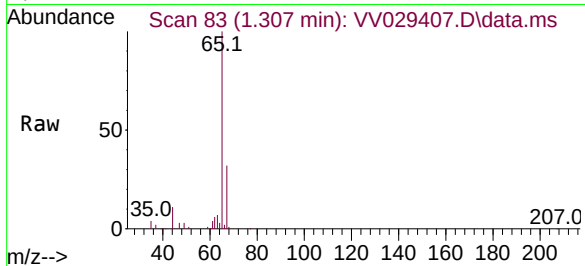




#5
 Vinyl chloride
 Concen: 0.240 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV029407.D
 Acq: 06 Dec 2022 11:57

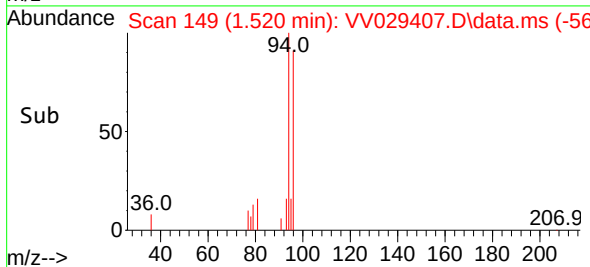
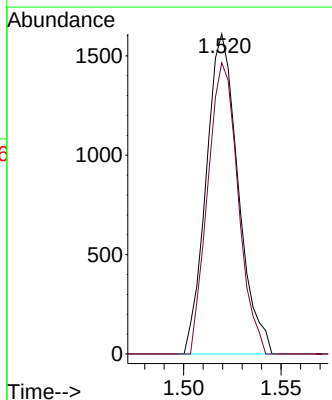
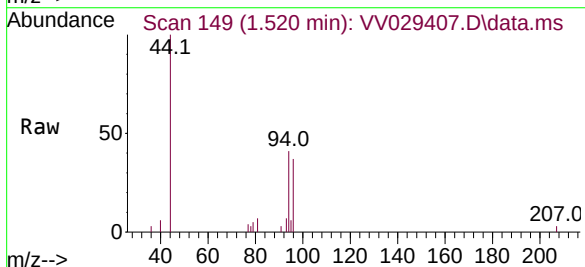
Instrument :
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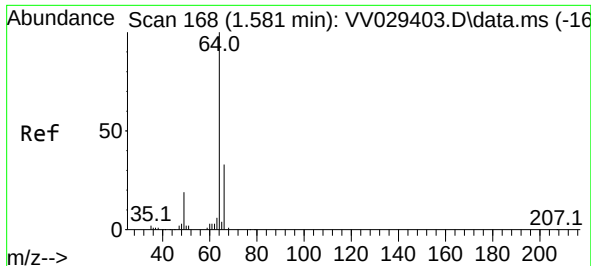
Tgt Ion: 62 Resp: 3552
 Ion Ratio Lower Upper
 62 100
 64 53.0 23.4 43.4#



#6
 Bromomethane
 Concen: 0.199 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV029407.D
 Acq: 06 Dec 2022 11:57

Tgt Ion: 94 Resp: 1838
 Ion Ratio Lower Upper
 94 100
 96 91.0 65.4 121.4

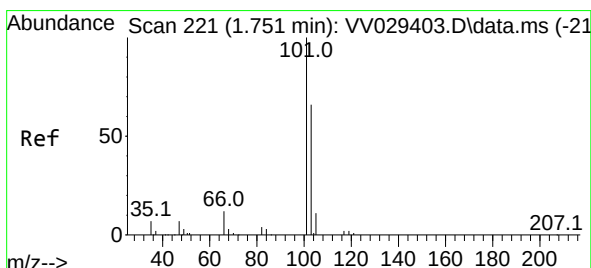
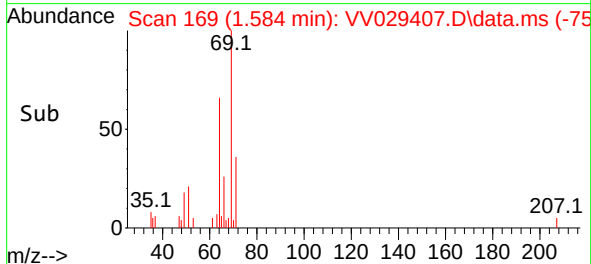
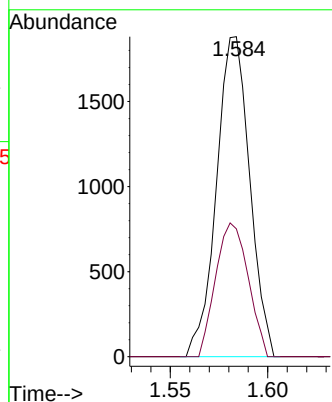
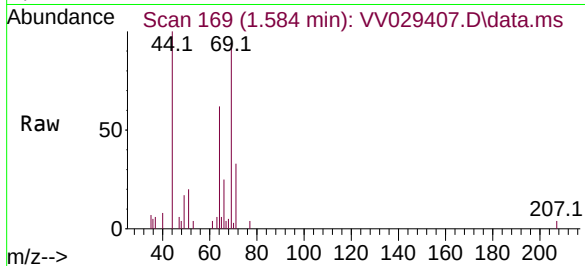




#8
Chloroethane
Concen: 0.253 ug/L
RT: 1.584 min Scan# 168
Delta R.T. 0.003 min
Lab File: VV029407.D
Acq: 06 Dec 2022 11:57

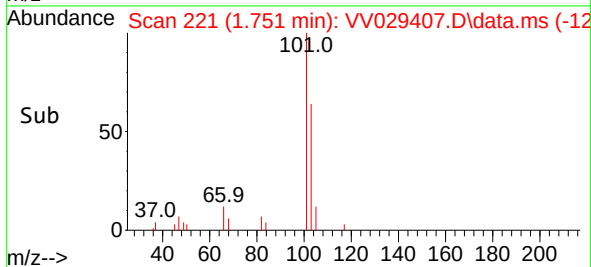
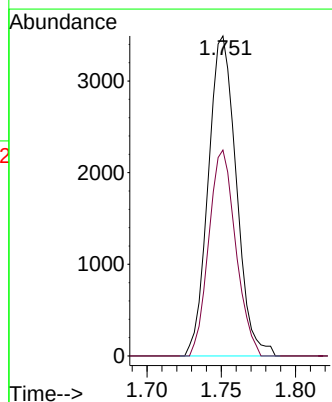
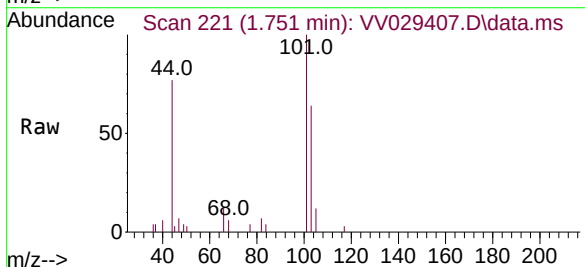
Instrument :
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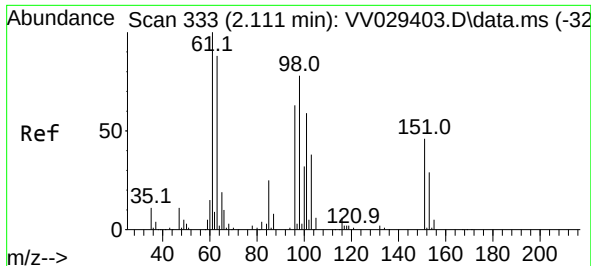
Tgt Ion: 64 Resp: 2231
Ion Ratio Lower Upper
64 100
66 40.0 23.5 43.7



#9
Trichlorofluoromethane
Concen: 0.221 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV029407.D
Acq: 06 Dec 2022 11:57

Tgt Ion: 101 Resp: 4582
Ion Ratio Lower Upper
101 100
103 61.8 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.301 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV029407.D

Acq: 06 Dec 2022 11:57

Instrument :

MSVOA_V

ClientSampleId :

MDL07

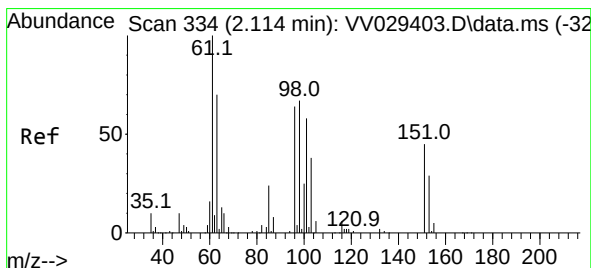
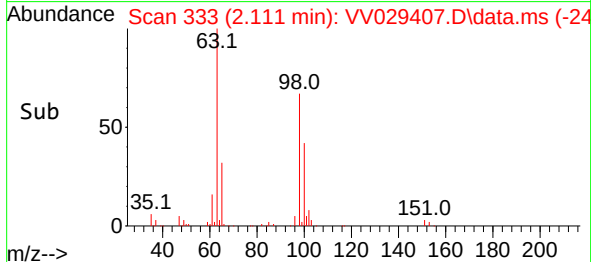
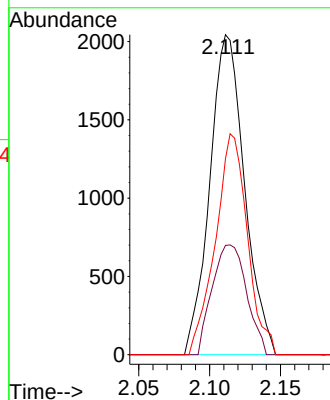
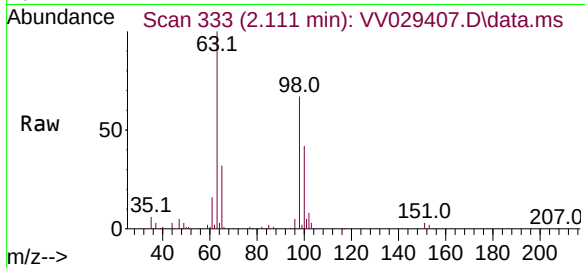
Tgt Ion:101 Resp: 3480

Ion Ratio Lower Upper

101 100

85 34.0 33.6 50.4

151 63.9 65.3 97.9#



#12

1,1-Dichloroethene

Concen: 0.291 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV029407.D

Acq: 06 Dec 2022 11:57

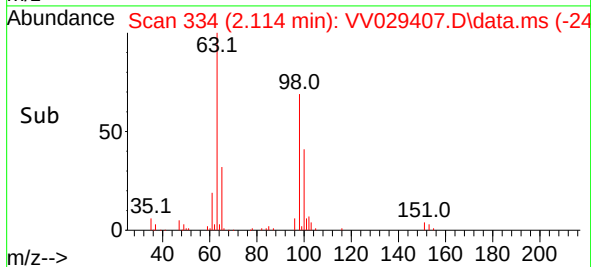
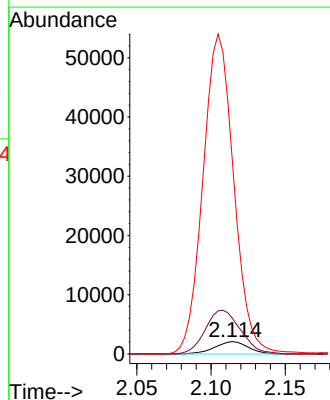
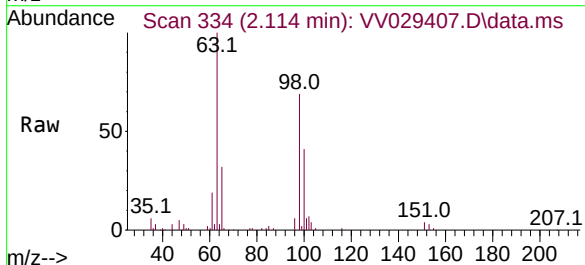
Tgt Ion: 96 Resp: 3259

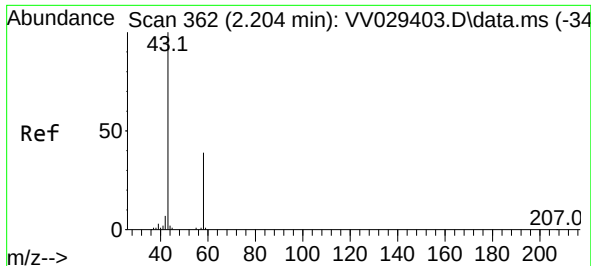
Ion Ratio Lower Upper

96 100

61 288.5 110.3 204.9#

63 1549.6 84.4 156.8#





#13

Acetone

Concen: 2.025 ug/L

RT: 2.188 min Scan# 31

Delta R.T. -0.016 min

Lab File: VV029407.D

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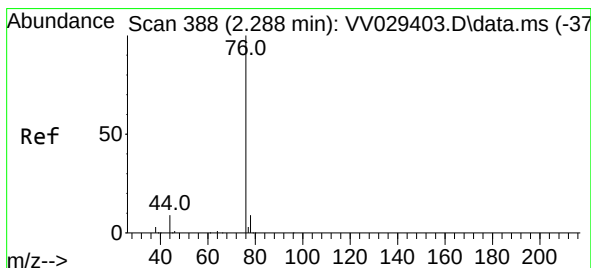
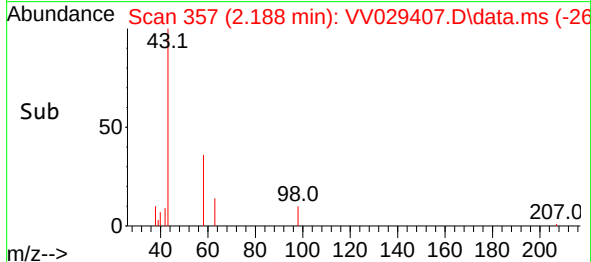
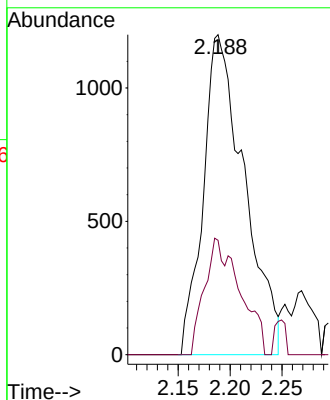
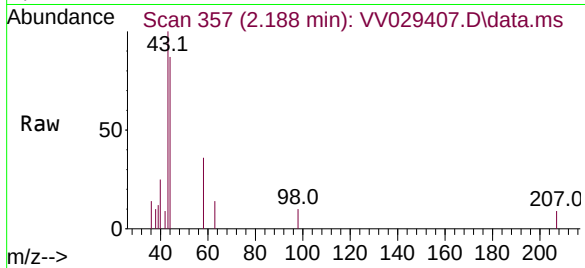
MDL07

Tgt Ion: 43 Resp: 3297

Ion Ratio Lower Upper

43 100

58 17.1 0.0 70.8



#14

Carbon disulfide

Concen: 0.252 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.003 min

Lab File: VV029407.D

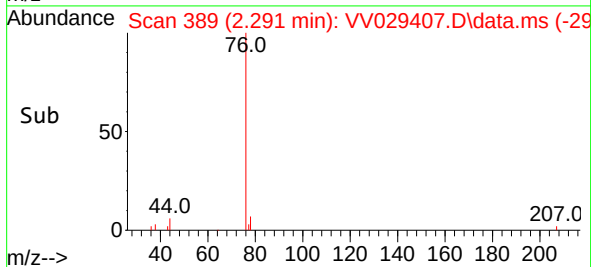
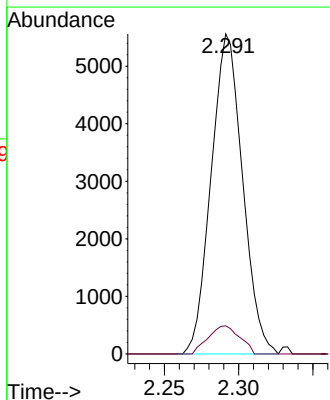
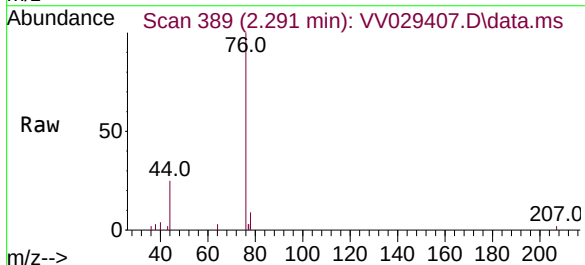
Acq: 06 Dec 2022 11:57

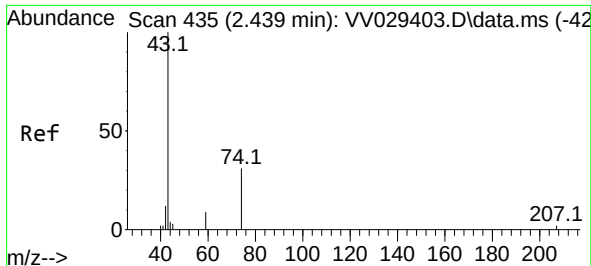
Tgt Ion: 76 Resp: 8185

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2

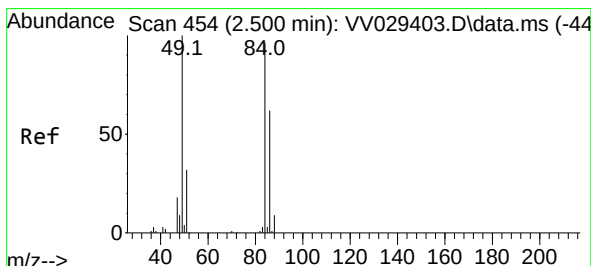
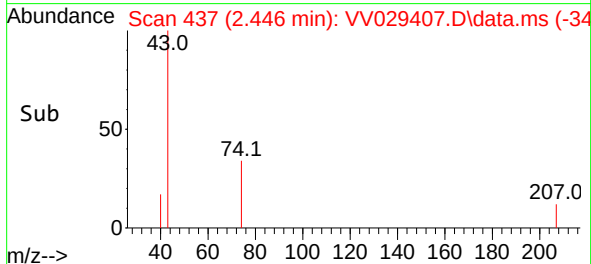
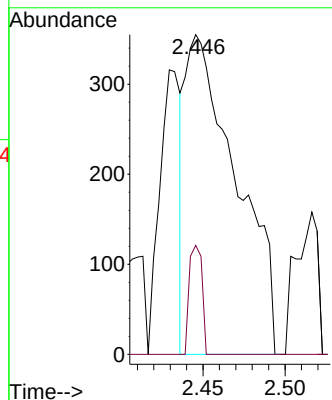
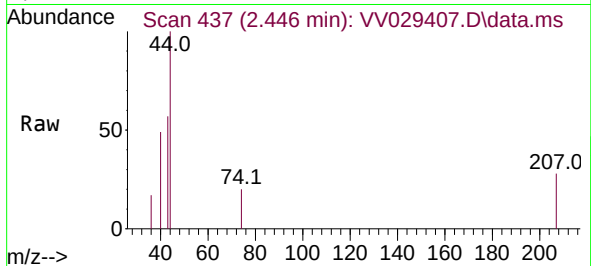




#15
Methyl Acetate
Concen: 0.165 ug/L
RT: 2.446 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV029407.D
Acq: 06 Dec 2022 11:57

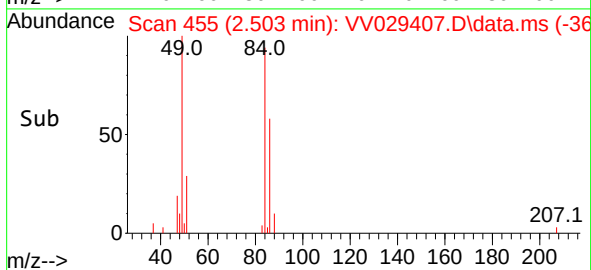
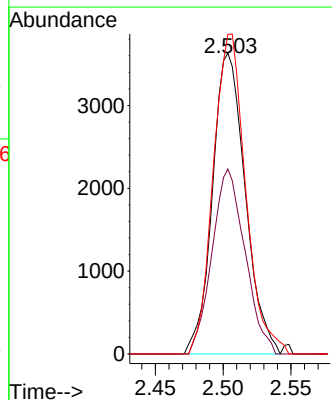
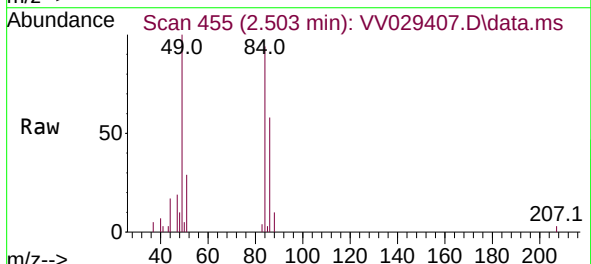
Instrument :
MSVOA_V
ClientSampleId :
MDL07

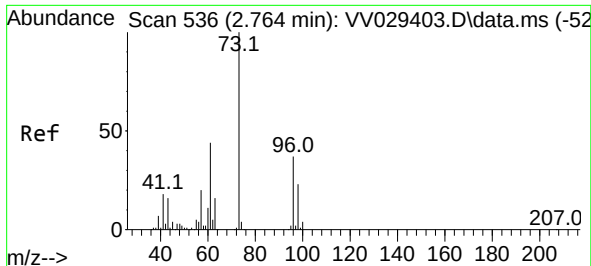
Tgt Ion: 43 Resp: 770
Ion Ratio Lower Upper
43 100
74 8.4 19.6 29.4#



#16
Methylene chloride
Concen: 0.357 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV029407.D
Acq: 06 Dec 2022 11:57

Tgt Ion: 84 Resp: 6106
Ion Ratio Lower Upper
84 100
86 61.5 45.6 84.6
49 106.2 77.8 144.4

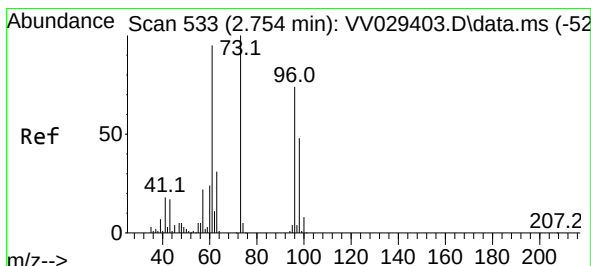
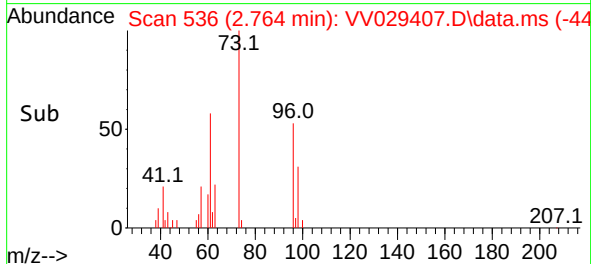
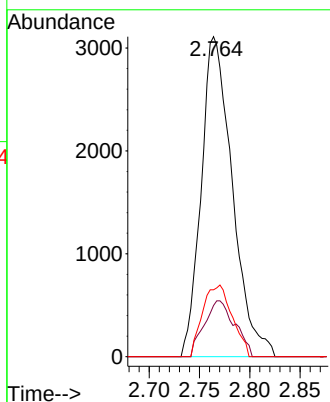
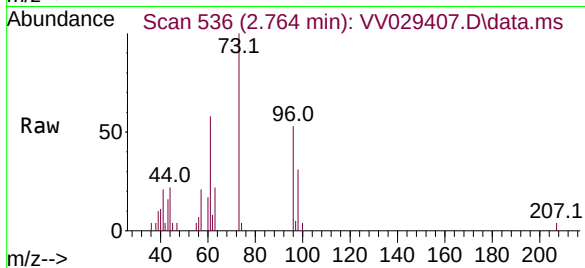




#17
Methyl tert-butyl Ether
Concen: 0.234 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV029407.D
Acq: 06 Dec 2022 11:57

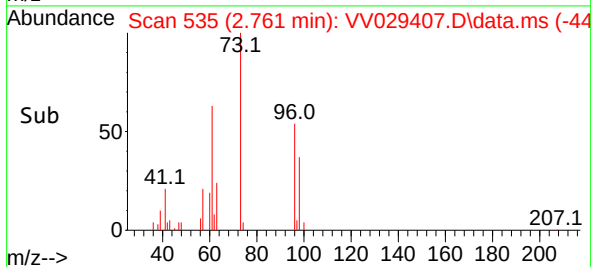
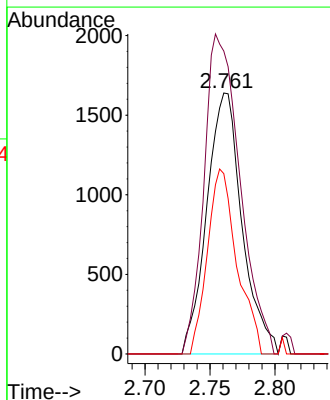
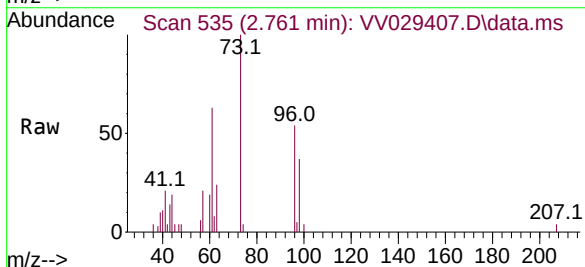
Instrument :
MSVOA_V
ClientSampleId :
MDL07

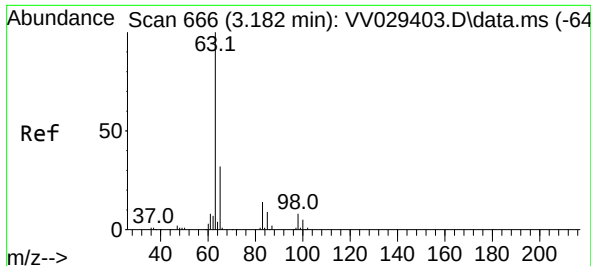
Tgt Ion: 73	Resp:	6702
Ion	Ratio	Lower Upper
73	100	
43	17.1	13.2 19.8
57	21.2	16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 0.241 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.006 min
Lab File: VV029407.D
Acq: 06 Dec 2022 11:57

Tgt Ion: 96	Resp:	3095
Ion	Ratio	Lower Upper
96	100	
61	116.1	93.0 172.6
98	69.1	44.0 81.8

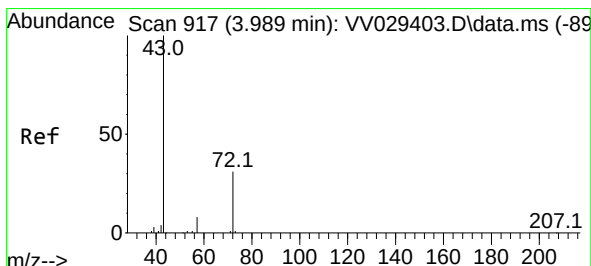
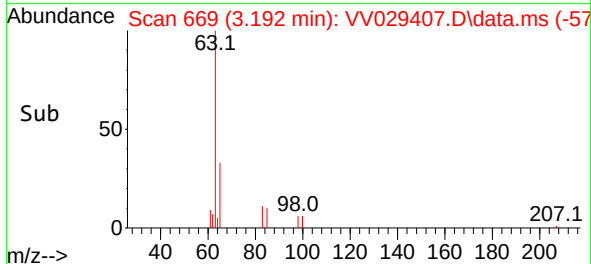
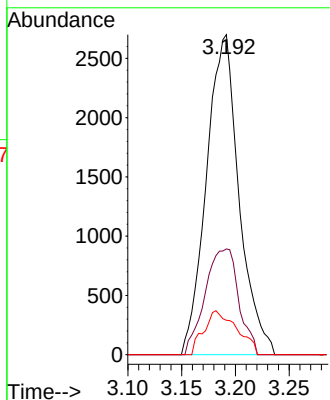
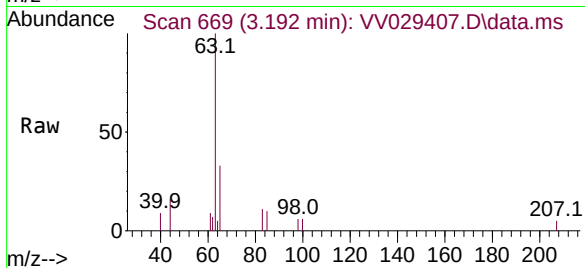




#19
1,1-Dichloroethane
Concen: 0.246 ug/L
RT: 3.192 min Scan# 609
Delta R.T. 0.010 min
Lab File: VV029407.D
Acq: 06 Dec 2022 11:57

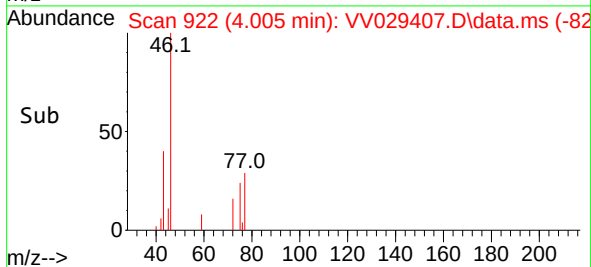
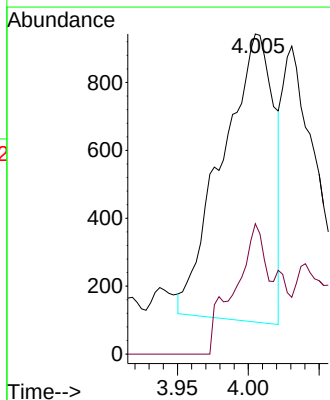
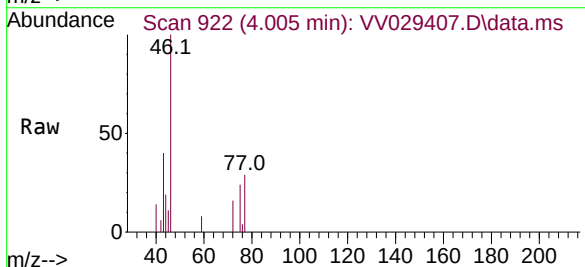
Instrument :
MSVOA_V
ClientSampleId :
MDL07

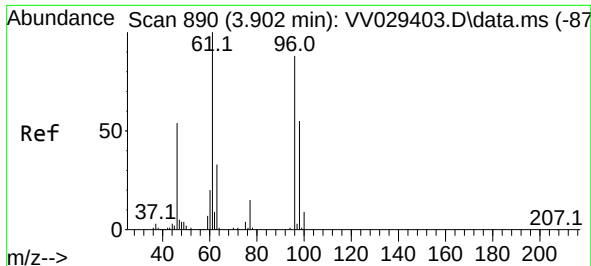
Tgt Ion: 63	Resp: 5693		
Ion Ratio	Lower	Upper	
63	100		
65	33.1	21.6	40.2
83	10.7	10.3	19.1



#21
2-Butanone
Concen: 0.842 ug/L
RT: 4.005 min Scan# 922
Delta R.T. 0.016 min
Lab File: VV029407.D
Acq: 06 Dec 2022 11:57

Tgt Ion: 43	Resp: 2146
Ion Ratio	Lower Upper
43 100	
72 29.4	13.8 41.3

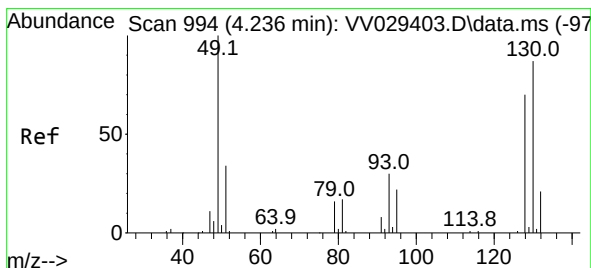
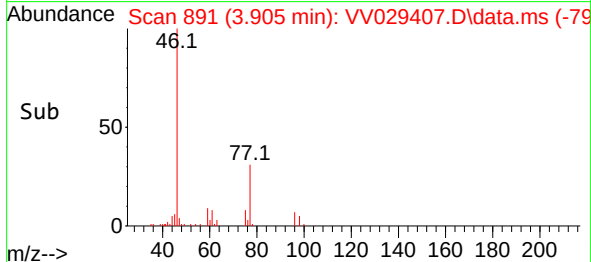
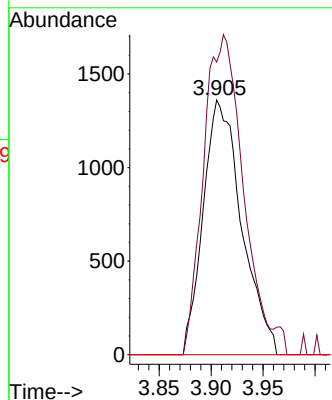
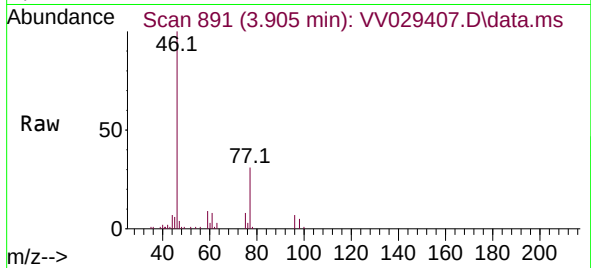




#22
 cis-1,2-Dichloroethene
 Concen: 0.239 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV029407.D
 Acq: 06 Dec 2022 11:57

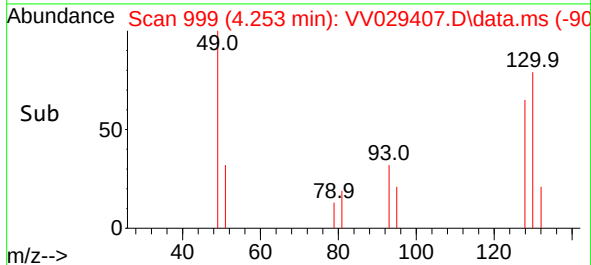
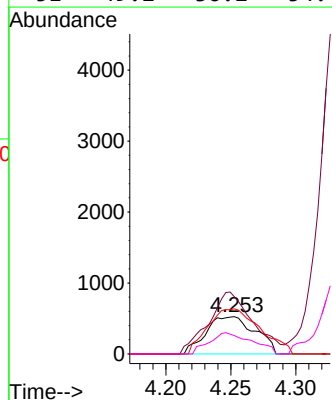
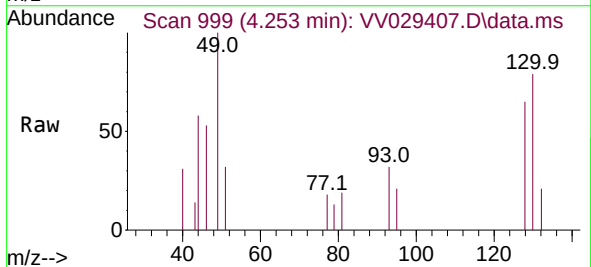
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

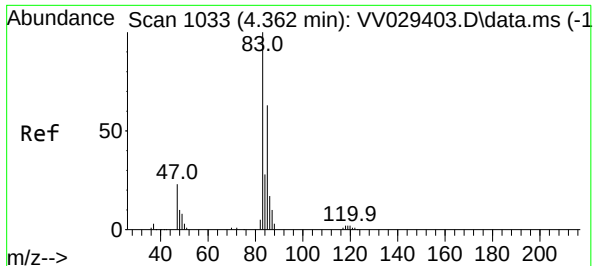
Tgt Ion: 96	Resp:	3506	
Ion	Ratio	Lower	Upper
96	100		
61	114.9	85.8	159.3
68	0.0	0.0	0.0



#23
 Bromochloromethane
 Concen: 0.236 ug/L
 RT: 4.253 min Scan# 999
 Delta R.T. 0.016 min
 Lab File: VV029407.D
 Acq: 06 Dec 2022 11:57

Tgt	Ion:128	Resp:	1390
Ion	Ratio	Lower	Upper
128	100		
49	153.4	100.0	185.8
130	121.1	90.2	167.6
51	49.2	36.2	54.4

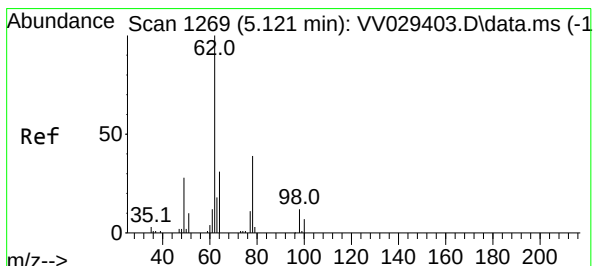
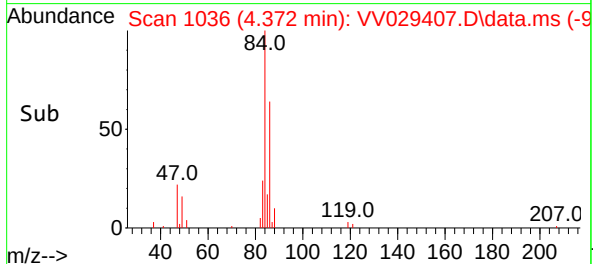
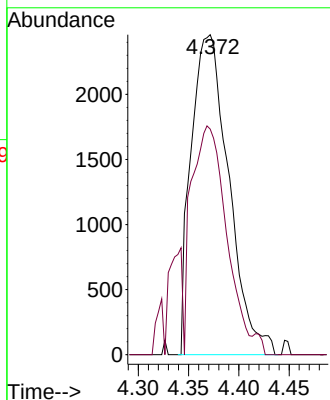
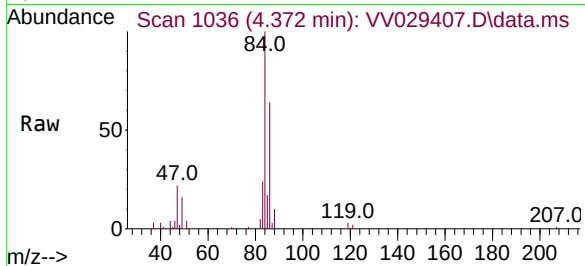




#25
Chloroform
Concen: 0.265 ug/L
RT: 4.372 min Scan# 1036
Delta R.T. 0.010 min
Lab File: VV029407.D
Acq: 06 Dec 2022 11:57

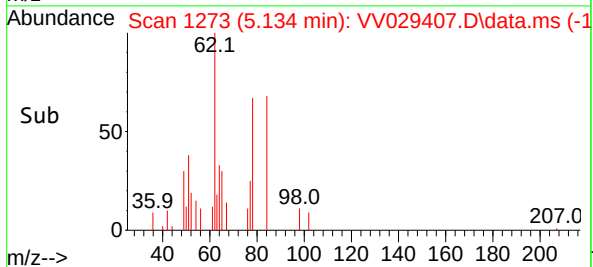
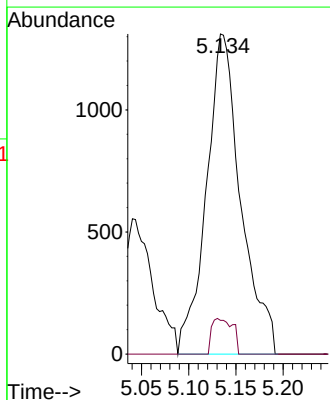
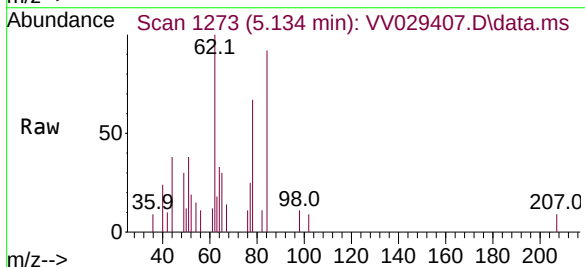
Instrument :
MSVOA_V
ClientSampleId :
MDL07

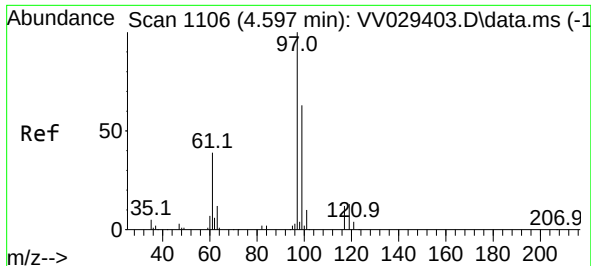
Tgt Ion: 83 Resp: 6396
Ion Ratio Lower Upper
83 100
85 70.5 45.4 84.4



#27
1,2-Dichloroethane
Concen: 0.254 ug/L
RT: 5.134 min Scan# 1273
Delta R.T. 0.013 min
Lab File: VV029407.D
Acq: 06 Dec 2022 11:57

Tgt Ion: 62 Resp: 3316
Ion Ratio Lower Upper
62 100
98 10.5 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 0.235 ug/L

RT: 4.597 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VV029407.D

Acq: 06 Dec 2022 11:57

Instrument :

MSVOA_V

ClientSampleId :

MDL07

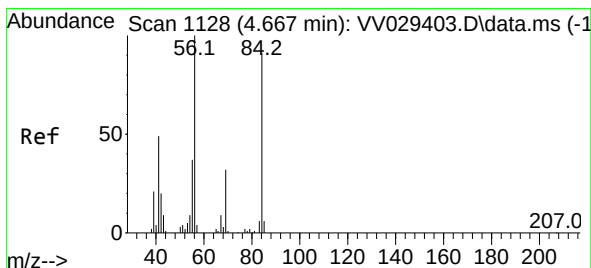
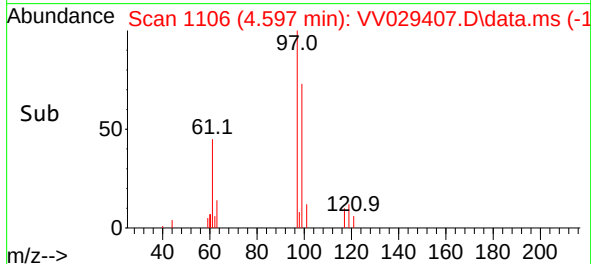
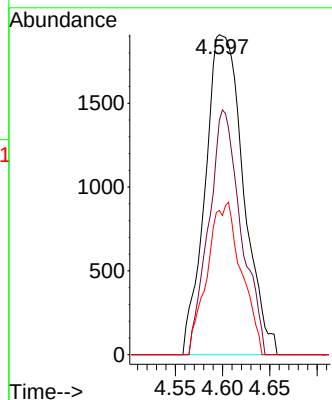
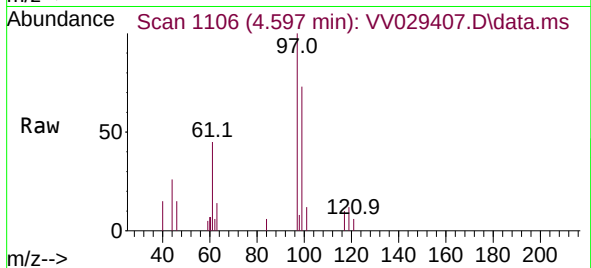
Tgt Ion: 97 Resp: 5385

Ion Ratio Lower Upper

97 100

99 64.4 51.2 76.8

61 42.3 33.3 49.9



#30

Cyclohexane

Concen: 0.201 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VV029407.D

Acq: 06 Dec 2022 11:57

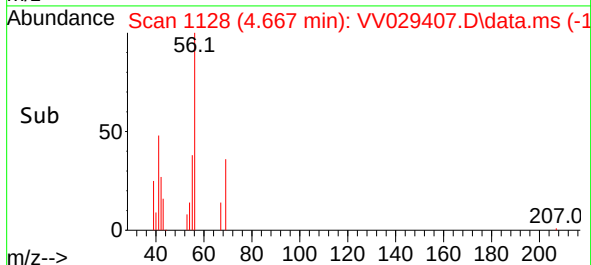
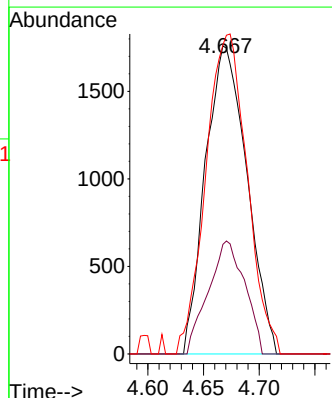
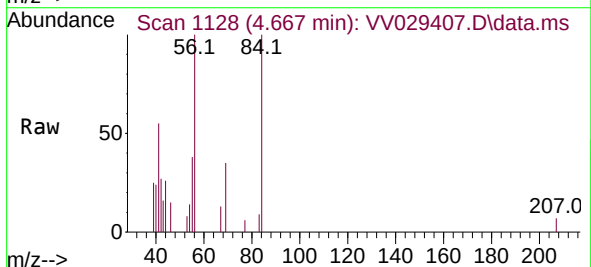
Tgt Ion: 56 Resp: 4550

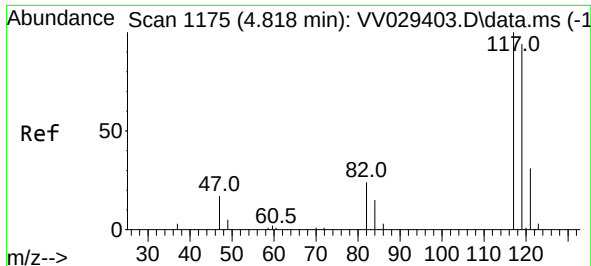
Ion Ratio Lower Upper

56 100

69 32.3 26.1 39.1

84 103.4 75.6 113.4

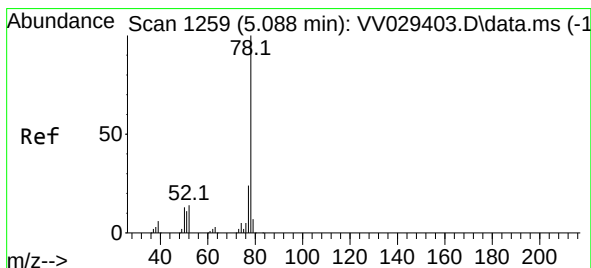
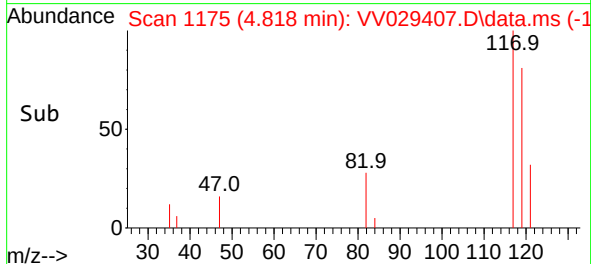
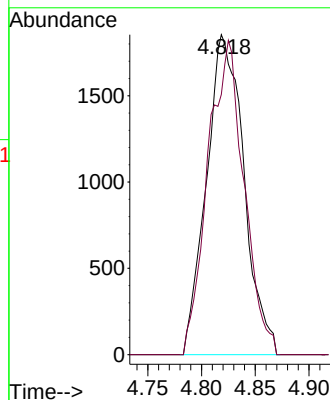
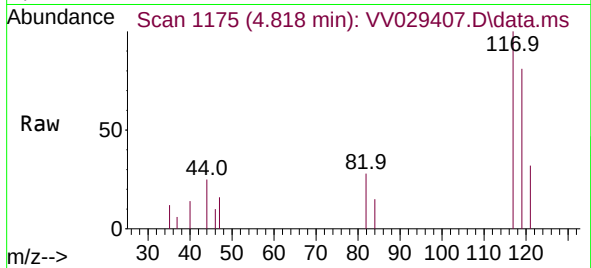




#31
Carbon tetrachloride
Concen: 0.231 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VV029407.D
Acq: 06 Dec 2022 11:57

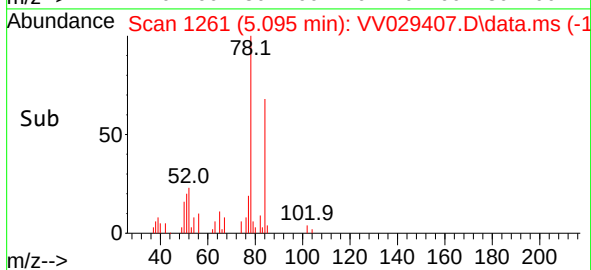
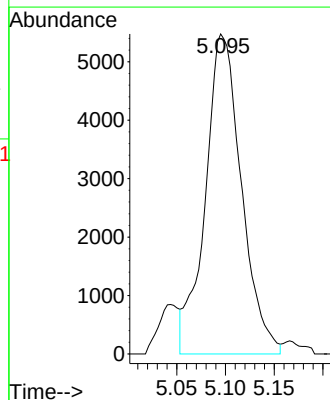
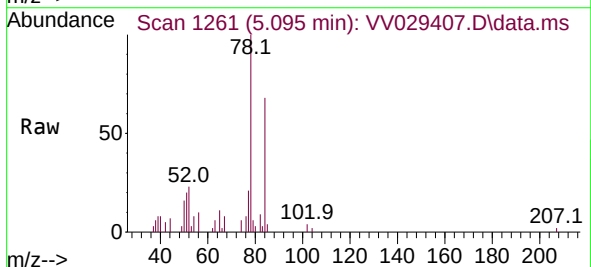
Instrument :
MSVOA_V
ClientSampleId :
MDL07

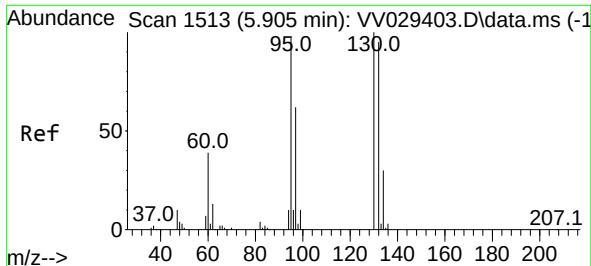
Tgt Ion:117 Resp: 4486
Ion Ratio Lower Upper
117 100
119 94.8 75.7 113.5



#33
Benzene
Concen: 0.237 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VV029407.D
Acq: 06 Dec 2022 11:57

Tgt Ion: 78 Resp: 14110



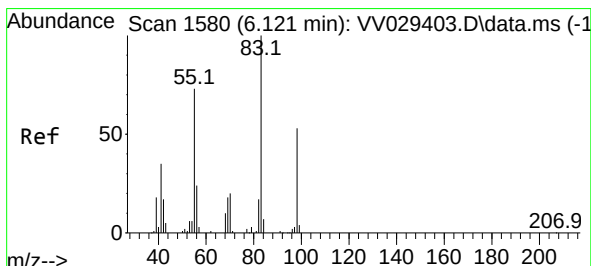
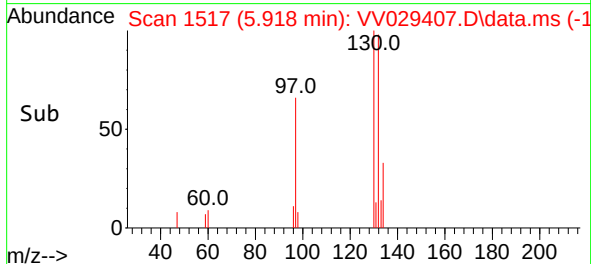
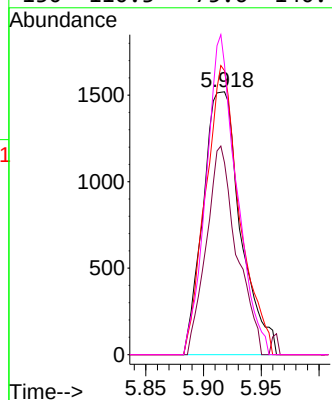
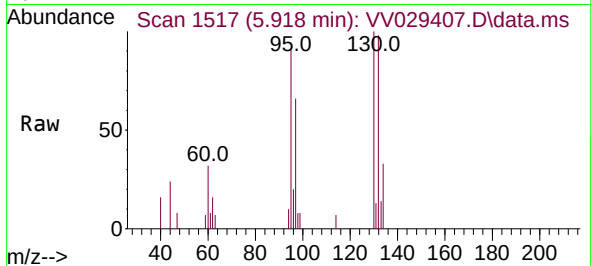


#34
Trichloroethene
Concen: 0.225 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.013 min
Lab File: VV029407.D
Acq: 06 Dec 2022 11:57

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tgt Ion: 95 Resp: 3420

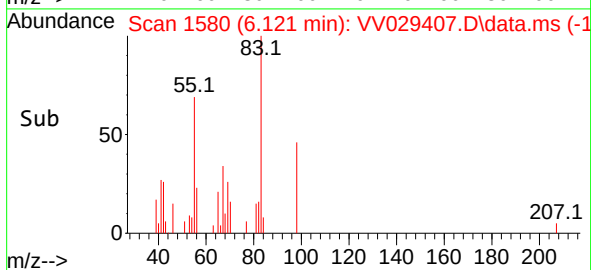
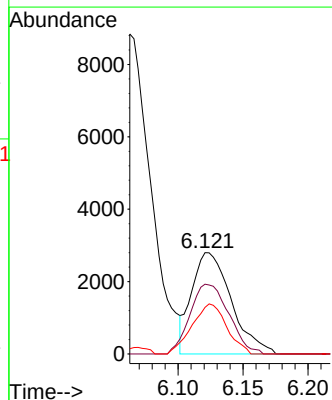
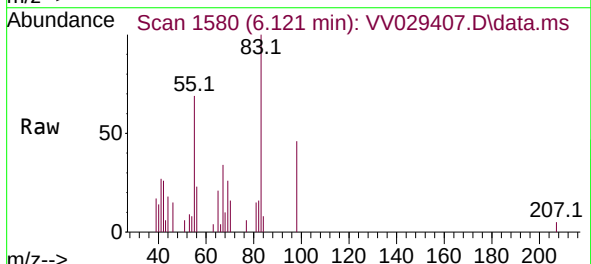
Ion	Ratio	Lower	Upper
95	100		
97	73.0	45.4	84.4
132	108.0	73.3	136.1
130	110.3	75.6	140.4

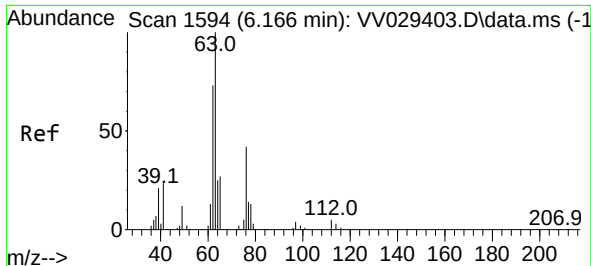


#35
Methylcyclohexane
Concen: 0.232 ug/L
RT: 6.121 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VV029407.D
Acq: 06 Dec 2022 11:57

Tgt Ion: 83 Resp: 5946

Ion	Ratio	Lower	Upper
83	100		
55	67.4	55.4	83.2
98	43.3	39.4	59.2





#37

1,2-Dichloropropane

Concen: 0.256 ug/L

RT: 6.169 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV029407.D

Acq: 06 Dec 2022 11:57

Instrument :

MSVOA_V

ClientSampleId :

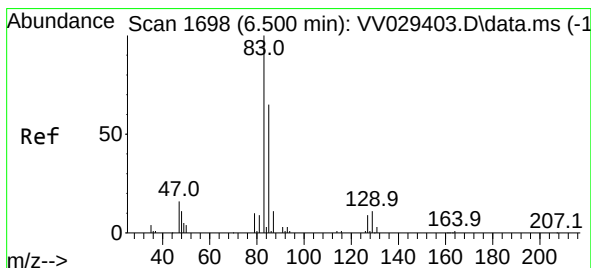
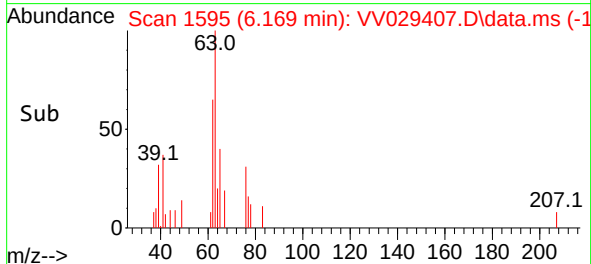
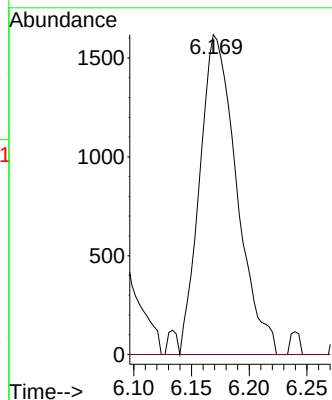
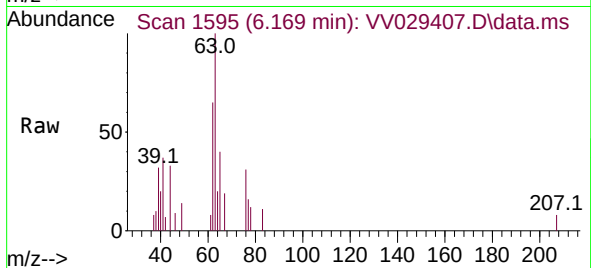
MDL07

Tgt Ion: 63 Resp: 3600

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#



#38

Bromodichloromethane

Concen: 0.254 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.006 min

Lab File: VV029407.D

Acq: 06 Dec 2022 11:57

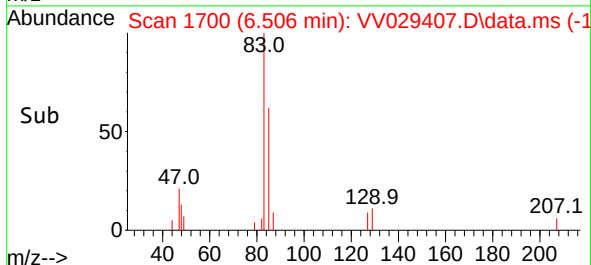
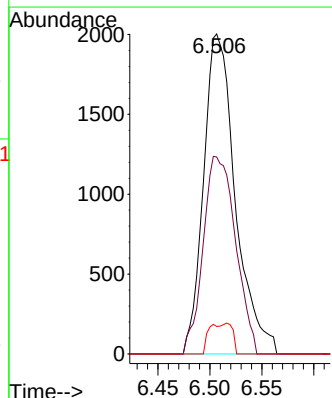
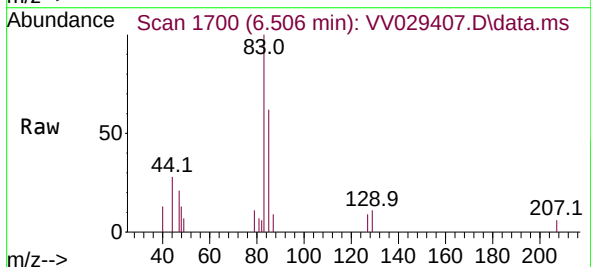
Tgt Ion: 83 Resp: 4264

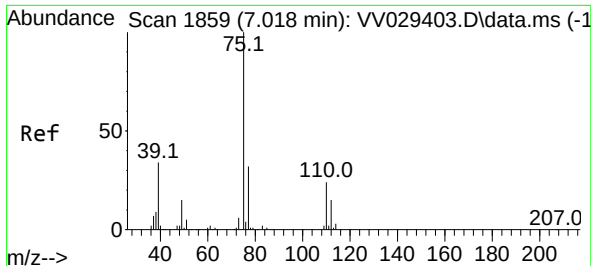
Ion Ratio Lower Upper

83 100

85 61.6 44.7 83.1

127 8.6 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 0.227 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.006 min

Lab File: VV029407.D

Acq: 06 Dec 2022 11:57

Instrument :

MSVOA_V

ClientSampleId :

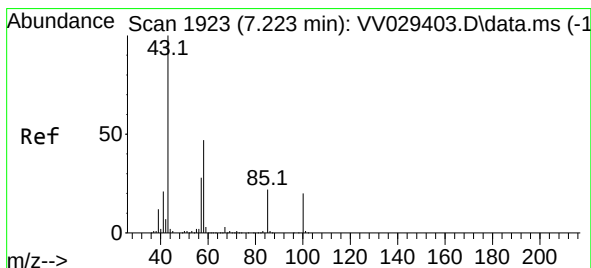
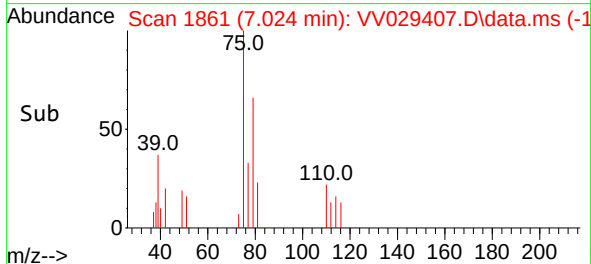
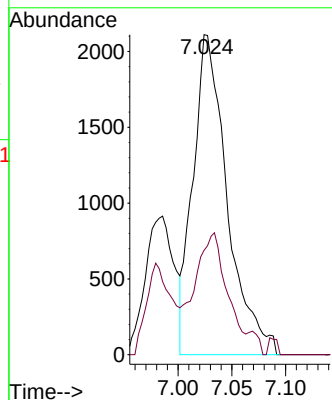
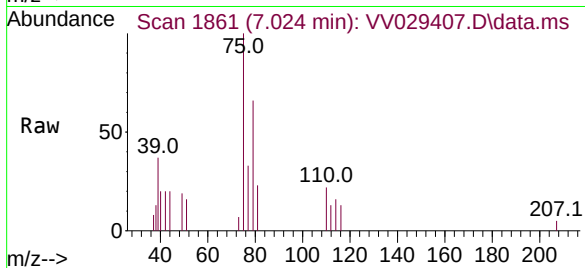
MDL07

Tgt Ion: 75 Resp: 4666

Ion Ratio Lower Upper

75 100

77 32.6 22.7 42.3



#40

4-Methyl-2-pentanone

Concen: 1.914 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.006 min

Lab File: VV029407.D

Acq: 06 Dec 2022 11:57

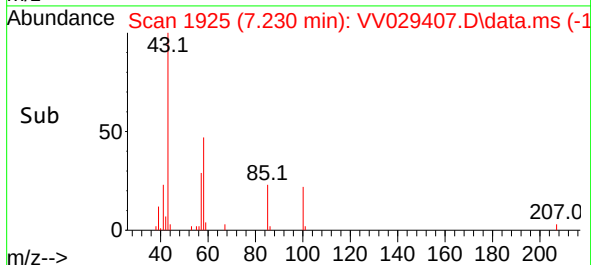
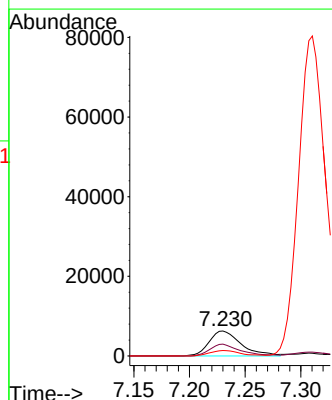
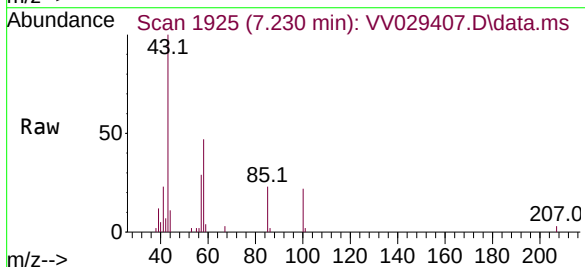
Tgt Ion: 43 Resp: 12579

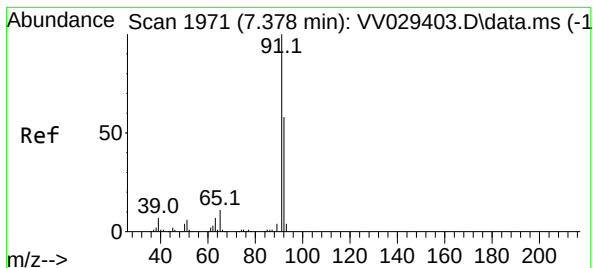
Ion Ratio Lower Upper

43 100

58 44.9 35.3 52.9

100 0.0 15.3 22.9





#42

Toluene

Concen: 0.229 ug/L

RT: 7.387 min Scan# 1971

Delta R.T. 0.010 min

Lab File: VV029407.D

Acq: 06 Dec 2022 11:57

Instrument :

MSVOA_V

ClientSampleId :

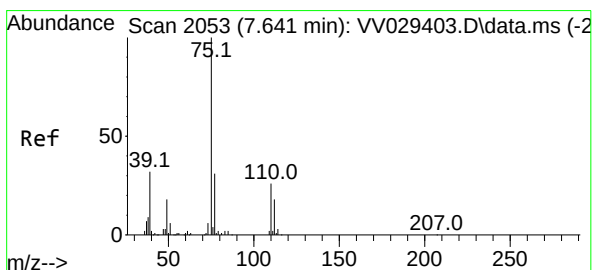
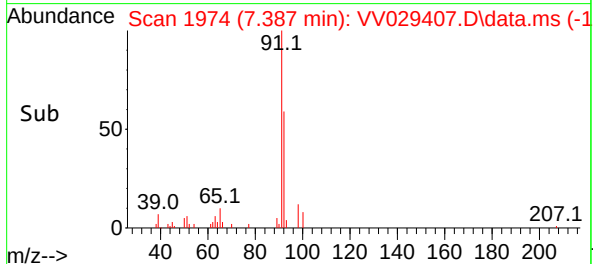
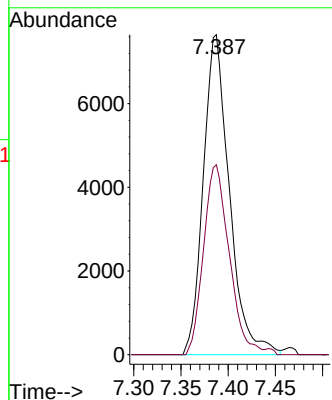
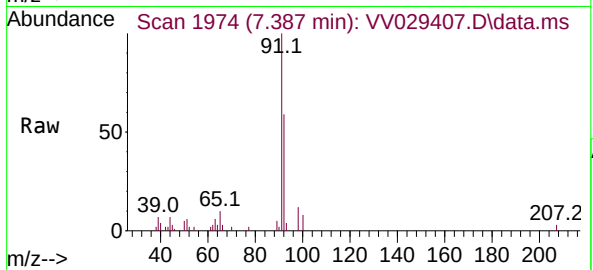
MDL07

Tgt Ion: 91 Resp: 14677

Ion Ratio Lower Upper

91 100

92 59.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.291 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.006 min

Lab File: VV029407.D

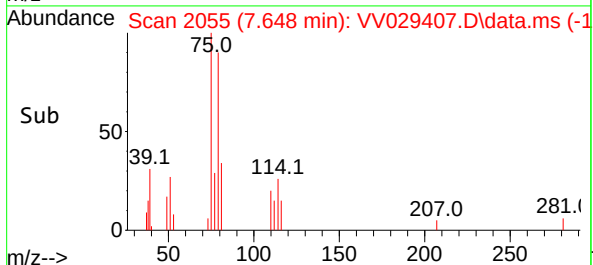
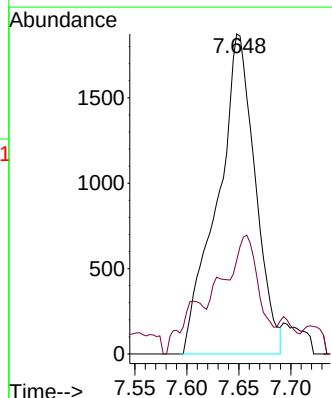
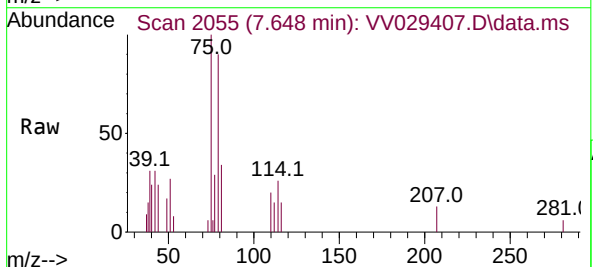
Acq: 06 Dec 2022 11:57

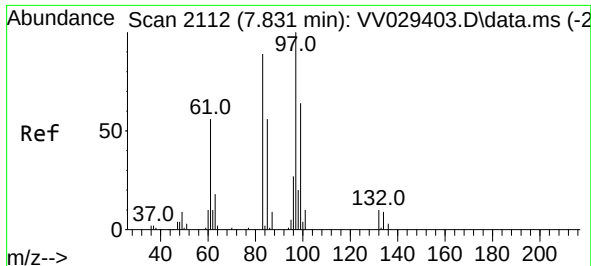
Tgt Ion: 75 Resp: 4733

Ion Ratio Lower Upper

75 100

77 29.2 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 0.240 ug/L

RT: 7.834 min Scan# 2112

Delta R.T. 0.003 min

Lab File: VV029407.D

Acq: 06 Dec 2022 11:57

Instrument :

MSVOA_V

ClientSampleId :

MDL07

Tgt Ion: 97 Resp: 2281

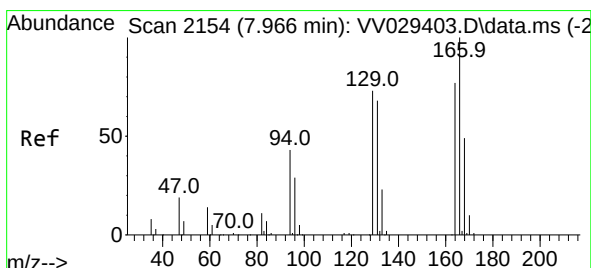
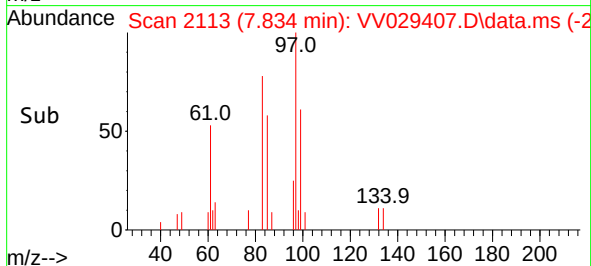
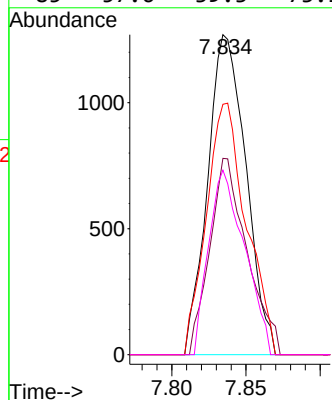
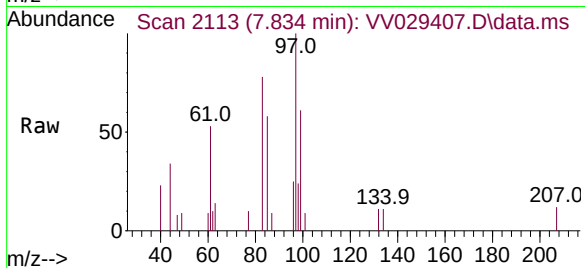
Ion Ratio Lower Upper

97 100

99 61.3 44.4 82.5

83 78.3 59.5 110.5

85 57.6 39.3 73.1



#47

Tetrachloroethene

Concen: 0.212 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.003 min

Lab File: VV029407.D

Acq: 06 Dec 2022 11:57

Tgt Ion: 164 Resp: 2640

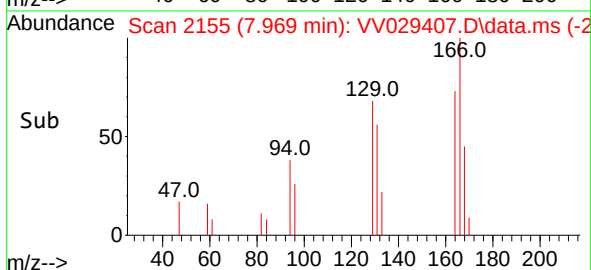
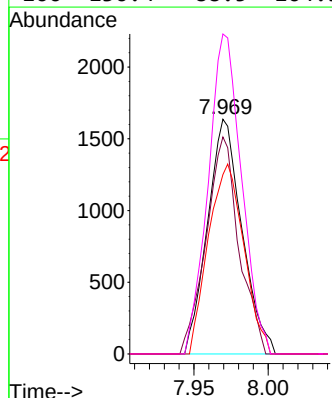
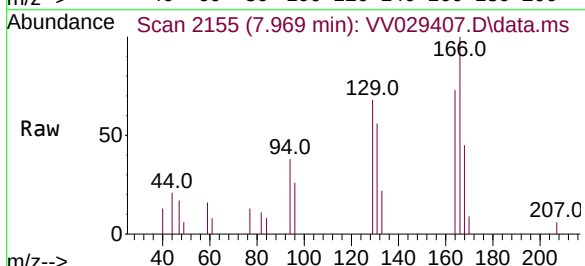
Ion Ratio Lower Upper

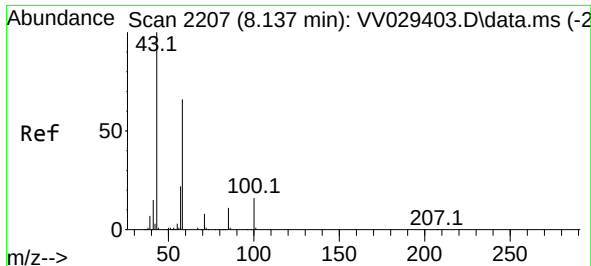
164 100

129 92.5 61.7 114.7

131 76.5 62.9 116.9

166 136.4 88.5 164.3

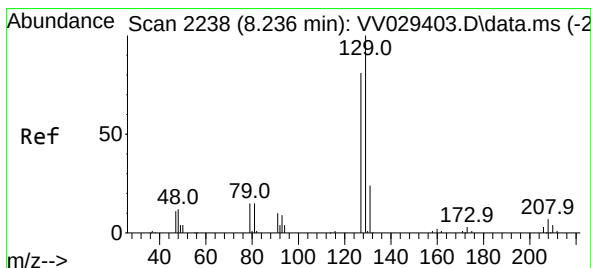
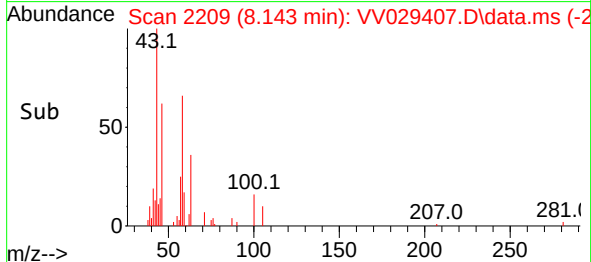
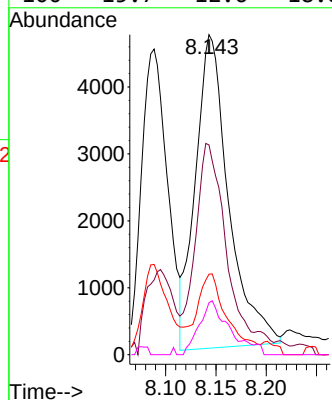
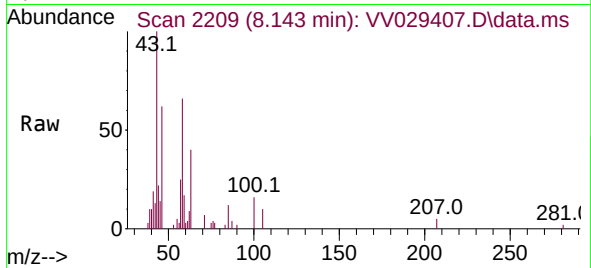




#48
2-Hexanone
Concen: 2.355 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV029407.D
Acq: 06 Dec 2022 11:57

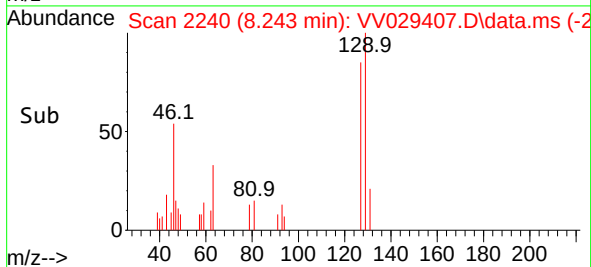
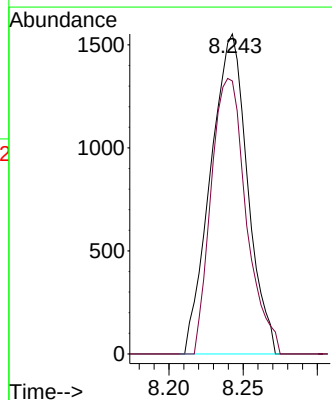
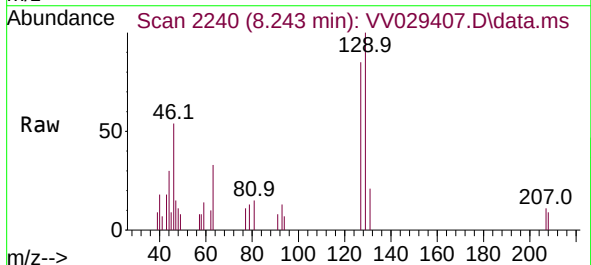
Instrument :
MSVOA_V
ClientSampleId :
MDL07

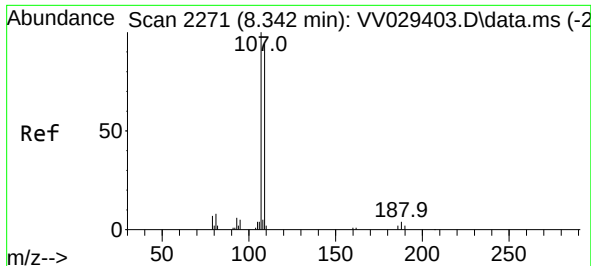
Tgt Ion: 43 Resp: 10791
Ion Ratio Lower Upper
43 100
58 52.7 49.4 74.0
57 23.5 16.9 25.3
100 15.7 12.6 18.8



#49
Dibromochloromethane
Concen: 0.252 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.006 min
Lab File: VV029407.D
Acq: 06 Dec 2022 11:57

Tgt Ion: 129 Resp: 2693
Ion Ratio Lower Upper
129 100
127 85.3 53.1 98.7





#50

1,2-Dibromoethane

Concen: 0.238 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV029407.D

Acq: 06 Dec 2022 11:57

Instrument :

MSVOA_V

ClientSampleId :

MDL07

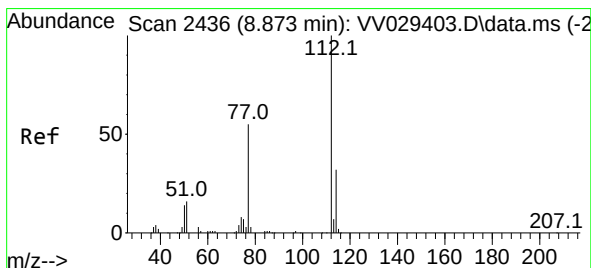
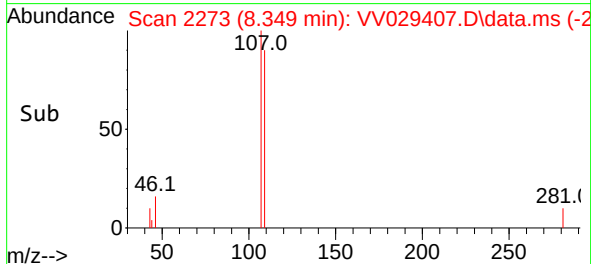
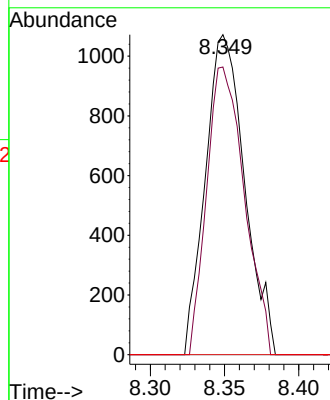
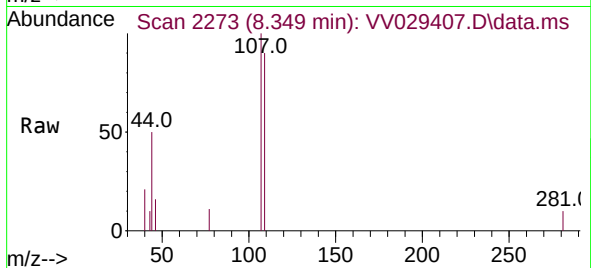
Tgt Ion:107 Resp: 1977

Ion Ratio Lower Upper

107 100

109 89.9 64.0 118.8

188 0.0 3.0 4.4#



#51

Chlorobenzene

Concen: 0.232 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. 0.003 min

Lab File: VV029407.D

Acq: 06 Dec 2022 11:57

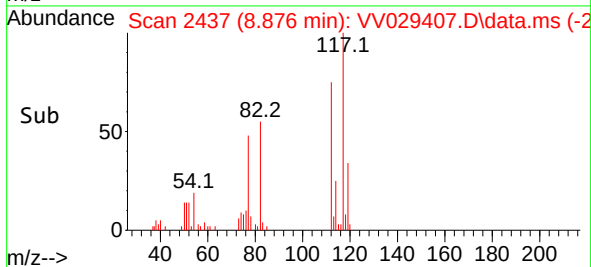
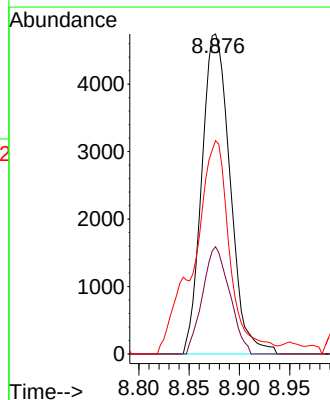
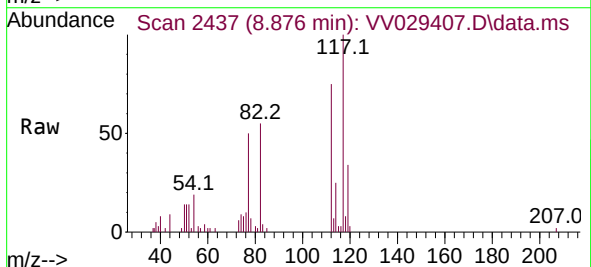
Tgt Ion:112 Resp: 9288

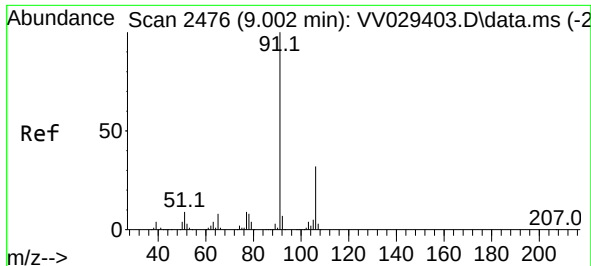
Ion Ratio Lower Upper

112 100

114 33.5 22.9 42.5

77 66.7 45.3 67.9





#52

Ethylbenzene

Concen: 0.231 ug/L

RT: 9.008 min Scan# 2476

Delta R.T. 0.006 min

Lab File: VV029407.D

Acq: 06 Dec 2022 11:57

Instrument :

MSVOA_V

ClientSampleId :

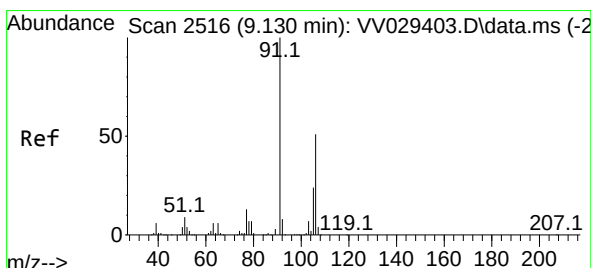
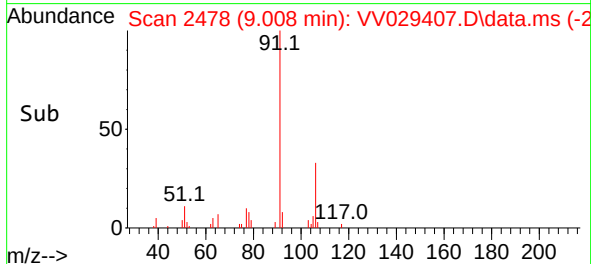
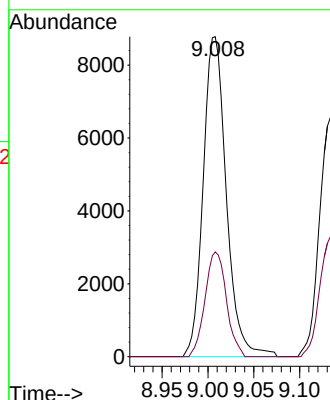
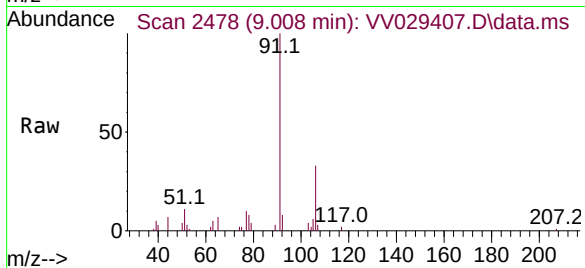
MDL07

Tgt Ion: 91 Resp: 15407

Ion Ratio Lower Upper

91 100

106 32.8 21.9 40.7



#53

m,p-Xylene

Concen: 0.222 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. 0.003 min

Lab File: VV029407.D

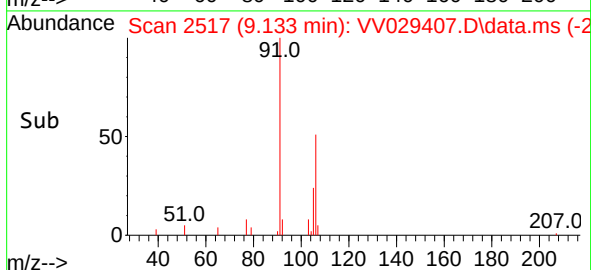
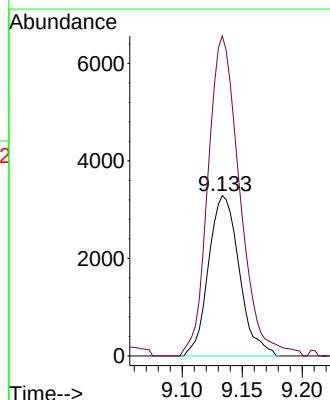
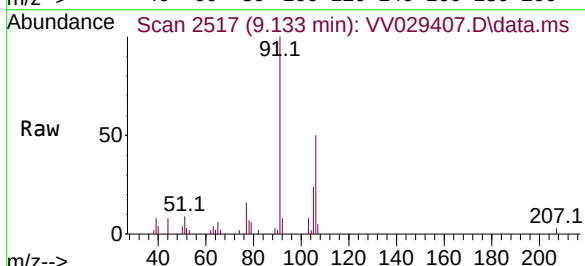
Acq: 06 Dec 2022 11:57

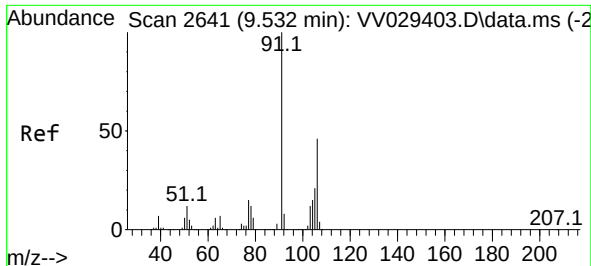
Tgt Ion: 106 Resp: 5850

Ion Ratio Lower Upper

106 100

91 199.5 140.6 261.2

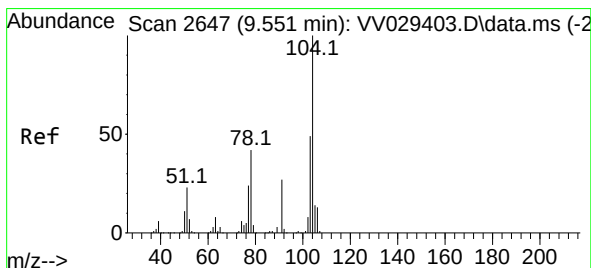
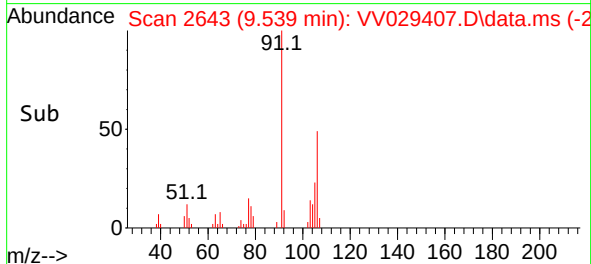
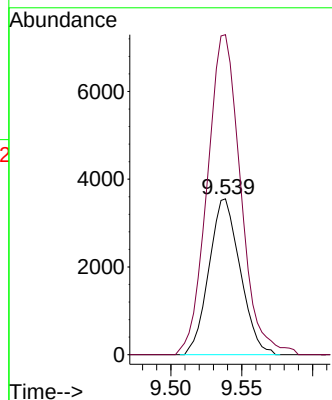
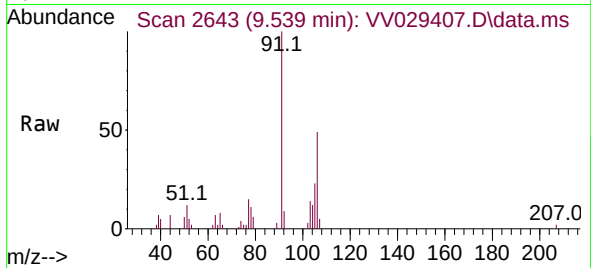




#54
o-Xylene
Concen: 0.211 ug/L
RT: 9.539 min Scan# 2643
Delta R.T. 0.006 min
Lab File: VV029407.D
Acq: 06 Dec 2022 11:57

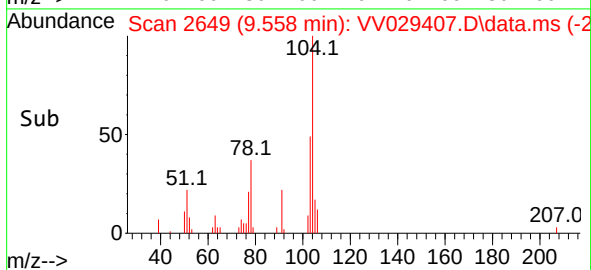
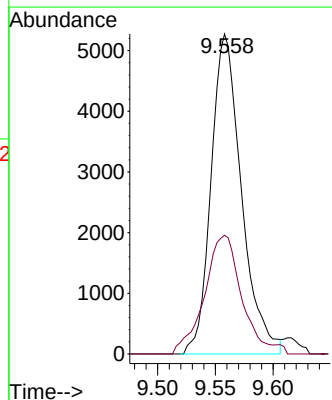
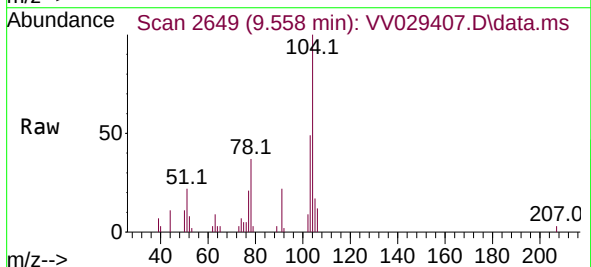
Instrument :
MSVOA_V
ClientSampleId :
MDL07

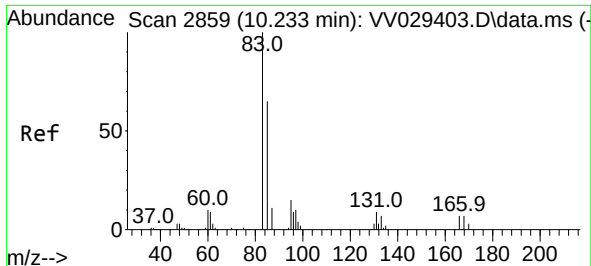
Tgt Ion:106 Resp: 5447
Ion Ratio Lower Upper
106 100
91 205.4 146.9 272.9



#55
Styrene
Concen: 0.221 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.006 min
Lab File: VV029407.D
Acq: 06 Dec 2022 11:57

Tgt Ion:104 Resp: 9642
Ion Ratio Lower Upper
104 100
78 37.1 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 0.271 ug/L

RT: 10.233 min Scan# 2859

Delta R.T. 0.000 min

Lab File: VV029407.D

Acq: 06 Dec 2022 11:57

Instrument :

MSVOA_V

ClientSampleId :

MDL07

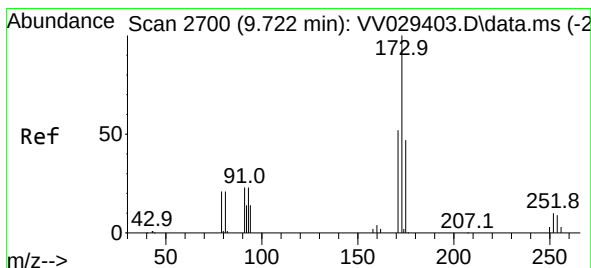
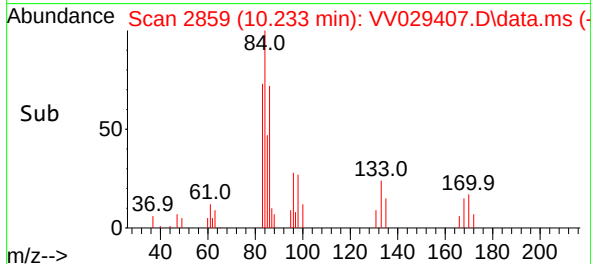
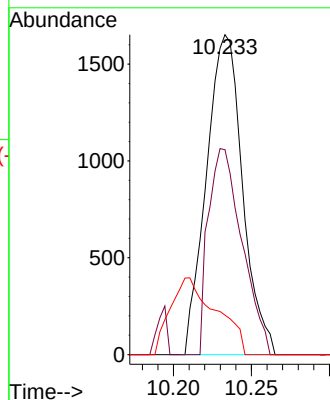
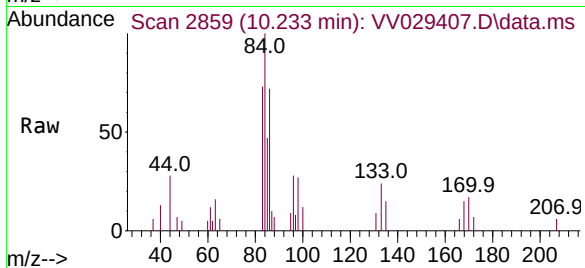
Tgt Ion: 83 Resp: 2670

Ion Ratio Lower Upper

83 100

85 64.0 45.5 84.5

131 12.3 8.2 12.2#



#59

Bromoform

Concen: 0.245 ug/L

RT: 9.722 min Scan# 2700

Delta R.T. 0.000 min

Lab File: VV029407.D

Acq: 06 Dec 2022 11:57

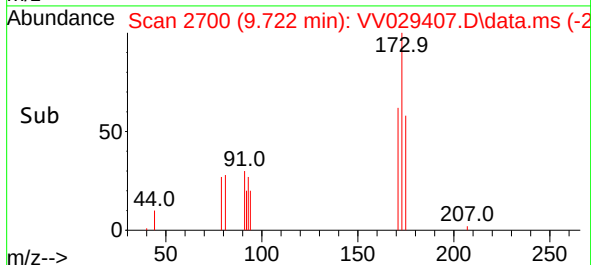
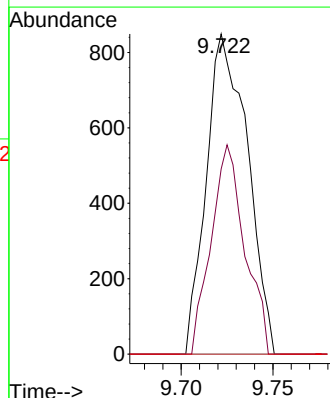
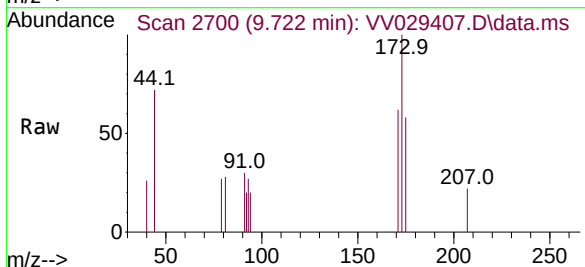
Tgt Ion: 173 Resp: 1325

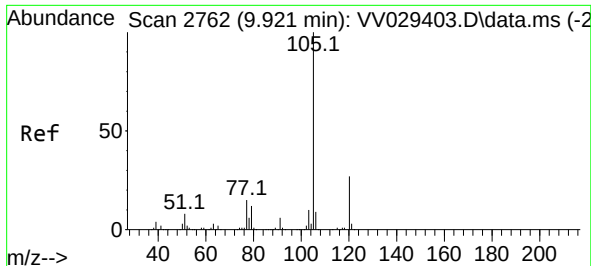
Ion Ratio Lower Upper

173 100

175 53.6 38.6 58.0

254 0.0 8.3 12.5#

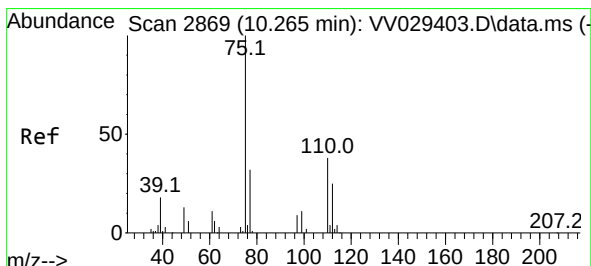
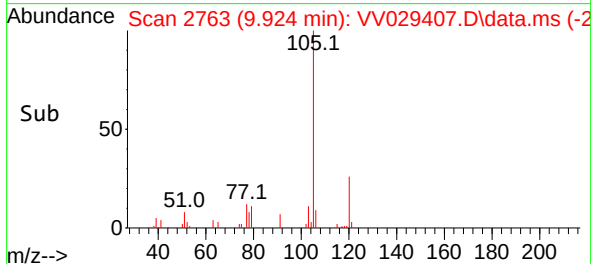
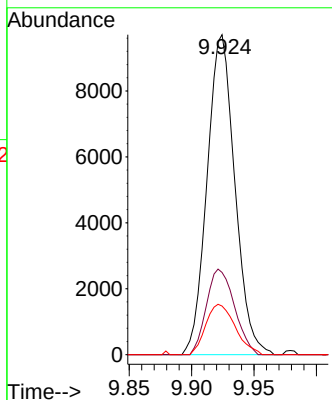
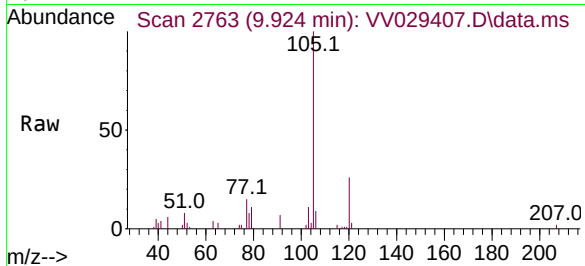




#60
Isopropylbenzene
Concen: 0.226 ug/L
RT: 9.924 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029407.D
Acq: 06 Dec 2022 11:57

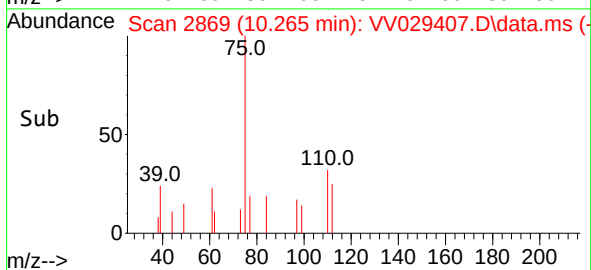
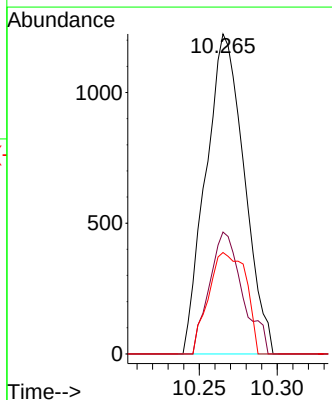
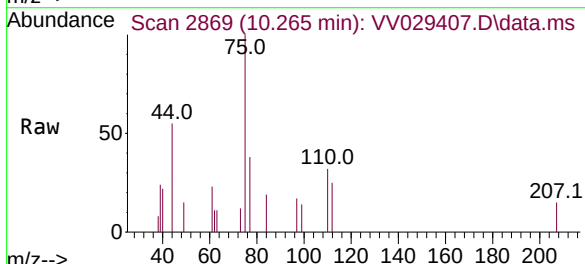
Instrument :
MSVOA_V
ClientSampleId :
MDL07

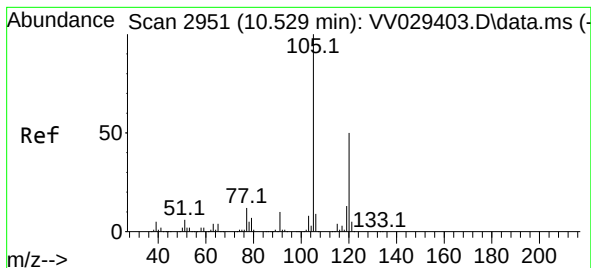
Tgt Ion:	105	Resp:	15068
Ion	Ratio	Lower	Upper
105	100		
120	27.0	21.4	32.2
77	16.7	11.8	17.8



#61
1,2,3-Trichloropropane
Concen: 0.292 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV029407.D
Acq: 06 Dec 2022 11:57

Tgt Ion:	75	Resp:	2089
Ion	Ratio	Lower	Upper
75	100		
77	33.0	26.7	40.1
110	30.9	32.2	48.4





#62

1,3,5-Trimethylbenzene

Concen: 0.218 ug/L

RT: 10.529 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VV029407.D

Acq: 06 Dec 2022 11:57

Instrument :

MSVOA_V

ClientSampleId :

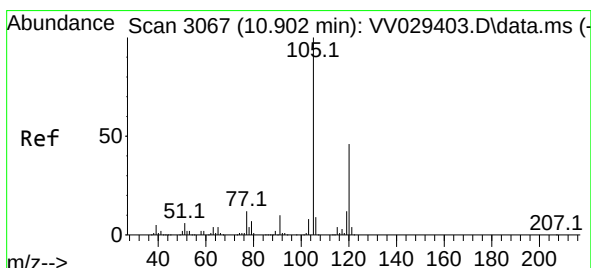
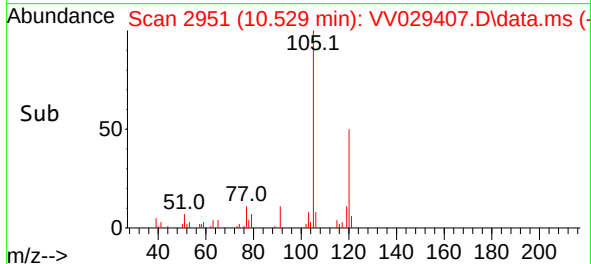
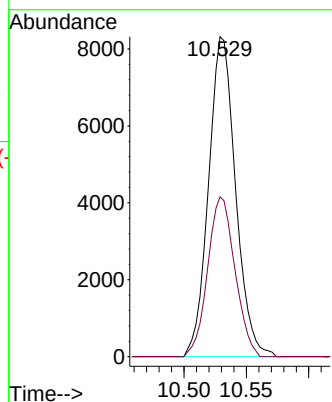
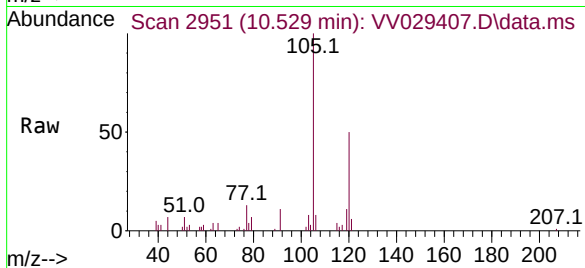
MDL07

Tgt Ion:105 Resp: 12565

Ion Ratio Lower Upper

105 100

120 50.3 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 0.226 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. 0.003 min

Lab File: VV029407.D

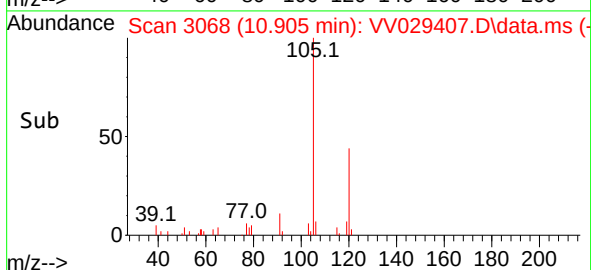
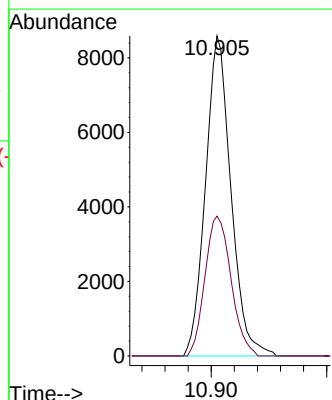
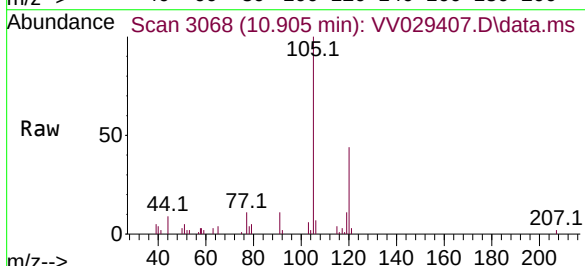
Acq: 06 Dec 2022 11:57

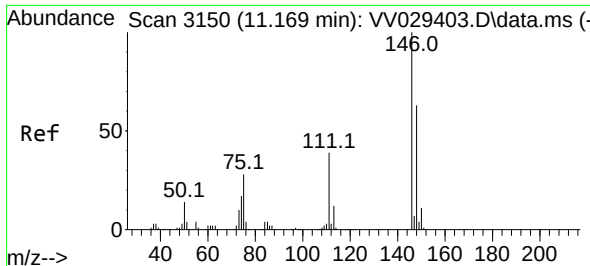
Tgt Ion:105 Resp: 13122

Ion Ratio Lower Upper

105 100

120 44.8 37.2 55.8

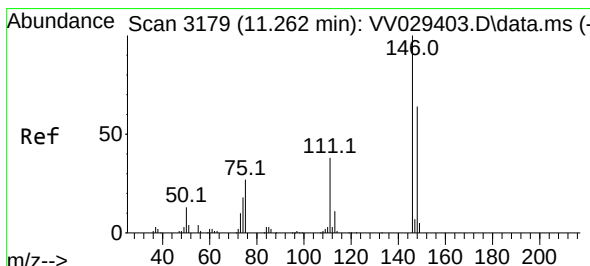
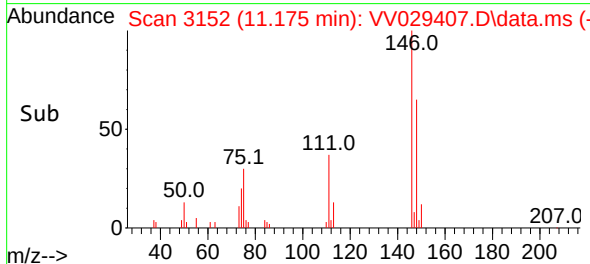
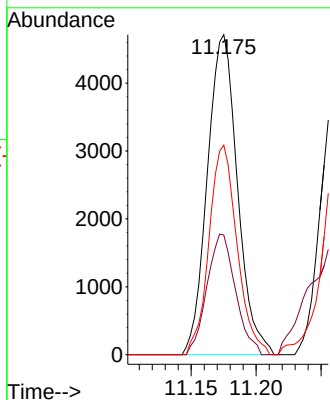
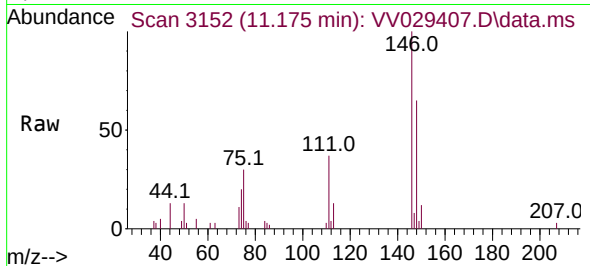




#64
1,3-Dichlorobenzene
Concen: 0.244 ug/L
RT: 11.175 min Scan# 3150
Delta R.T. 0.006 min
Lab File: VV029407.D
Acq: 06 Dec 2022 11:57

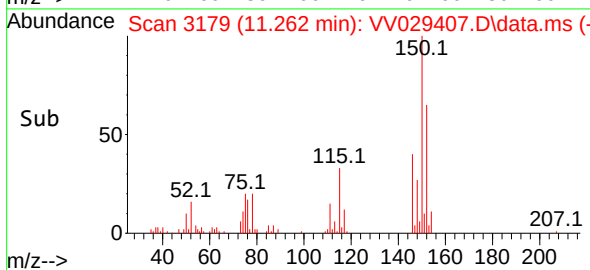
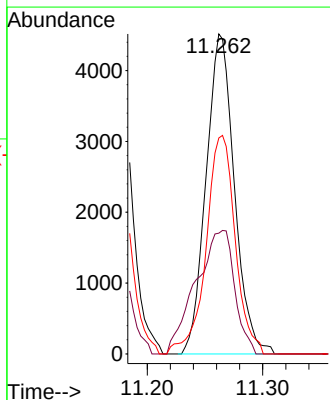
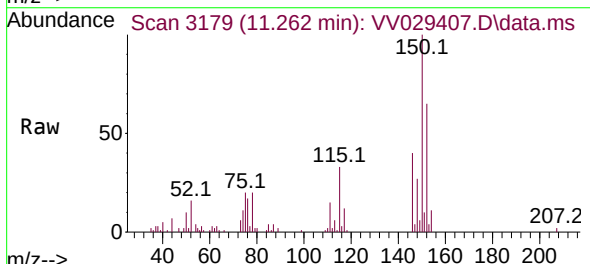
Instrument :
MSVOA_V
ClientSampleId :
MDL07

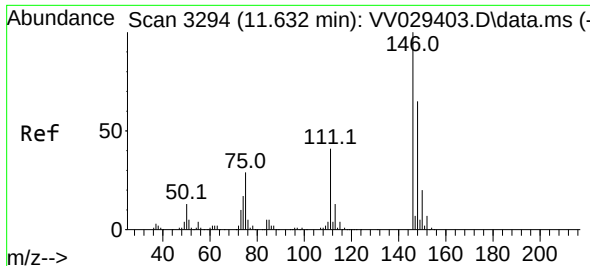
Tgt Ion:146 Resp: 7597
Ion Ratio Lower Upper
146 100
111 37.4 26.3 48.9
148 65.5 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 0.250 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VV029407.D
Acq: 06 Dec 2022 11:57

Tgt Ion:146 Resp: 7677
Ion Ratio Lower Upper
146 100
111 37.7 26.0 48.4
148 67.5 44.7 82.9

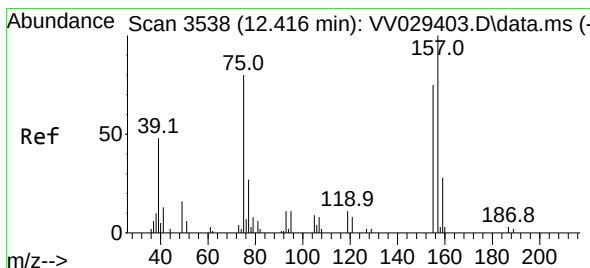
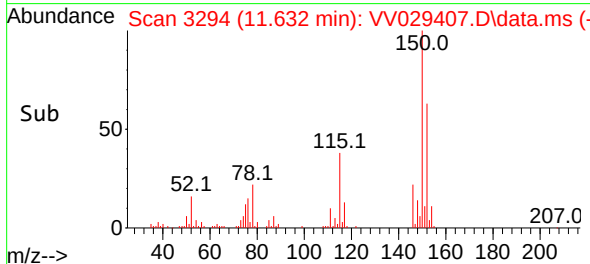
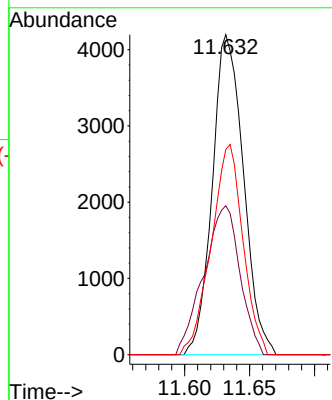
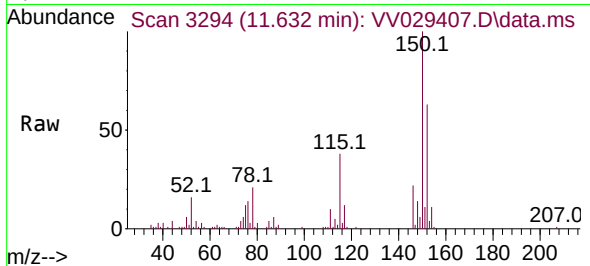




#67
1,2-Dichlorobenzene
Concen: 0.244 ug/L
RT: 11.632 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV029407.D
Acq: 06 Dec 2022 11:57

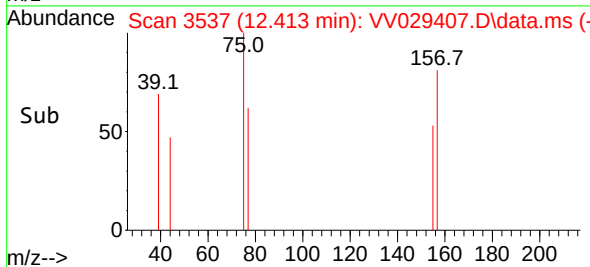
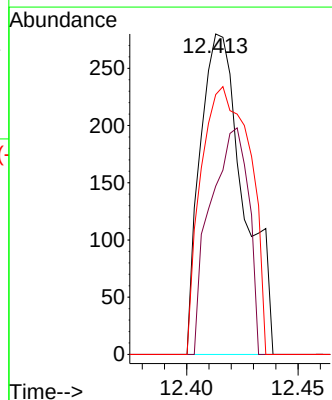
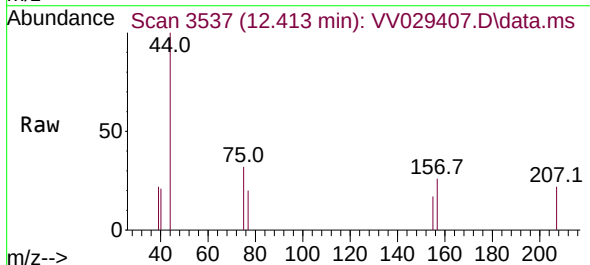
Instrument :
MSVOA_V
ClientSampleId :
MDL07

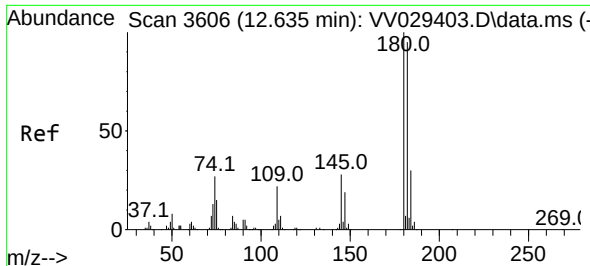
Tgt Ion:146 Resp: 6985
Ion Ratio Lower Upper
146 100
111 46.6 33.5 50.3
148 64.1 50.7 76.1



#68
1,2-Dibromo-3-chloropropane
Concen: 0.271 ug/L
RT: 12.413 min Scan# 3537
Delta R.T. -0.003 min
Lab File: VV029407.D
Acq: 06 Dec 2022 11:57

Tgt Ion: 75 Resp: 381
Ion Ratio Lower Upper
75 100
155 52.5 76.6 115.0#
157 81.1 96.9 145.3#

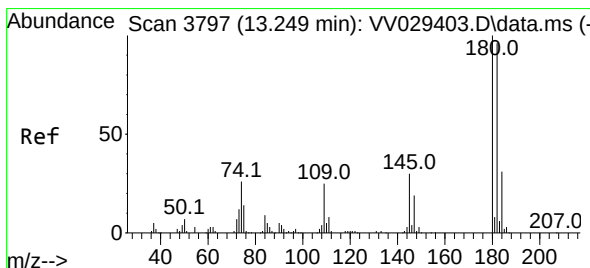
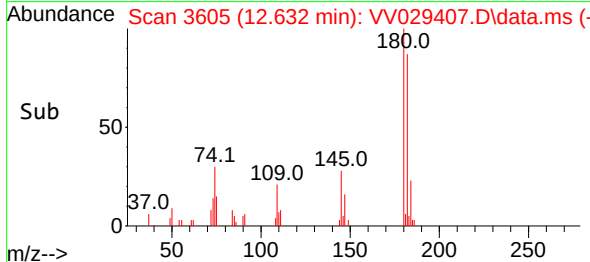
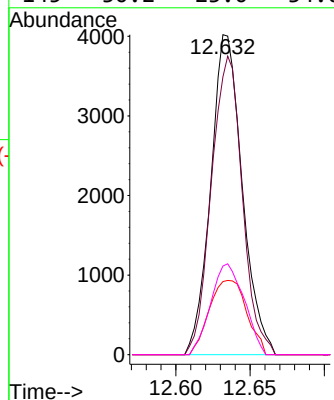
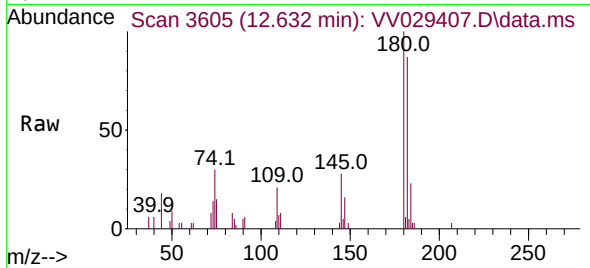




#69
 1,3,5-Trichlorobenzene
 Concen: 0.232 ug/L
 RT: 12.632 min Scan# 3606
 Delta R.T. -0.003 min
 Lab File: VV029407.D
 Acq: 06 Dec 2022 11:57

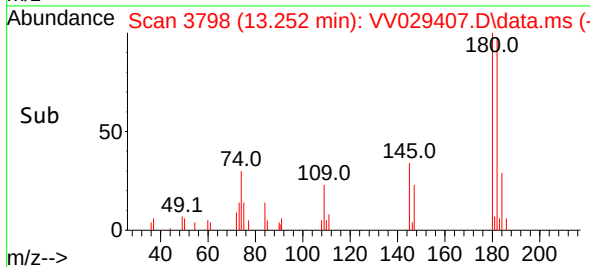
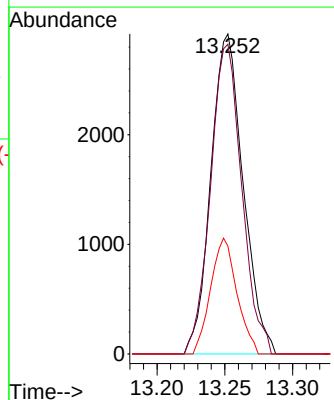
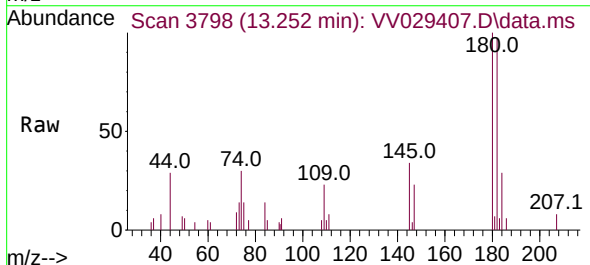
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

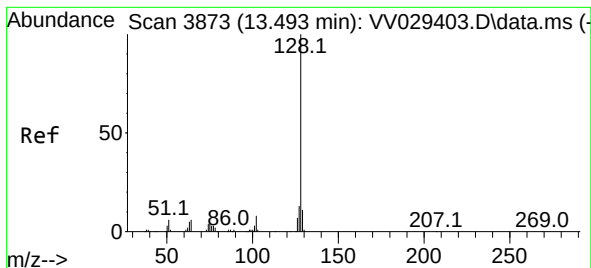
Tgt Ion:180	Resp:	5932
Ion Ratio	Lower	Upper
180	100	
182	91.3	77.0 115.6
184	27.6	24.4 36.6
145	30.2	23.0 34.6



#70
 1,2,4-trichlorobenzene
 Concen: 0.233 ug/L
 RT: 13.252 min Scan# 3798
 Delta R.T. 0.003 min
 Lab File: VV029407.D
 Acq: 06 Dec 2022 11:57

Tgt Ion:180	Resp:	4837
Ion Ratio	Lower	Upper
180	100	
182	93.6	76.2 114.4
145	29.4	23.4 35.0





#71

Naphthalene

Concen: 0.294 ug/L

RT: 13.497 min Scan# 3873

Delta R.T. 0.003 min

Lab File: VV029407.D

Acq: 06 Dec 2022 11:57

Instrument :

MSVOA_V

ClientSampleId :

MDL07

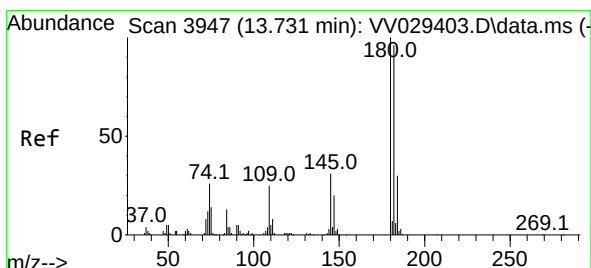
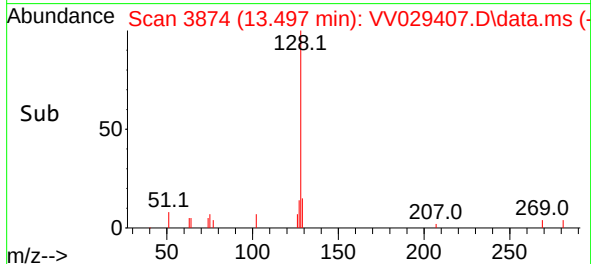
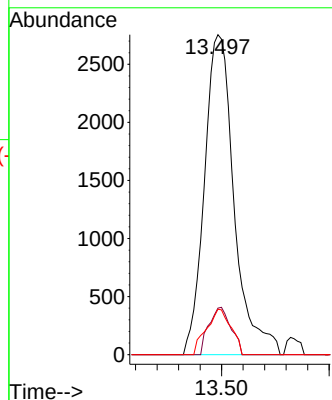
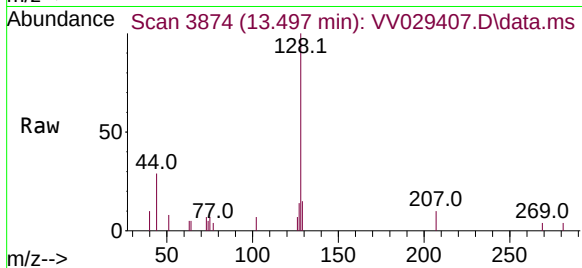
Tgt Ion:128 Resp: 5284

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

127 11.8 10.6 15.8



#72

1,2,3-Trichlorobenzene

Concen: 0.256 ug/L

RT: 13.735 min Scan# 3948

Delta R.T. 0.003 min

Lab File: VV029407.D

Acq: 06 Dec 2022 11:57

Tgt Ion:180 Resp: 4327

Ion Ratio Lower Upper

180 100

182 89.3 75.0 112.4

145 26.8 25.2 37.8

