

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081222\
 Data File : VV027333.D
 Acq On : 12 Aug 2022 15:34
 Operator : SY/MD
 Sample : N4145-03MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 13 01:38:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 08:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	168345	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	182867	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	98884	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	54348	3.716	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.400%
7) Chloroethane-d5	1.561	69	41050	3.865	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.200%
11) 1,1-Dichloroethene-d2	2.105	63	94457	3.561	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.200%
20) 2-Butanone-d5	3.873	46	123364	49.804	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.600%
24) Chloroform-d	4.346	84	110947	4.136	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
26) 1,2-Dichloroethane-d4	5.031	65	53575	4.192	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
32) Benzene-d6	5.047	84	190844	3.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.800%
36) 1,2-Dichloropropane-d6	6.066	67	62184	3.728	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.600%
41) Toluene-d8	7.313	98	178782	3.620	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.400%
43) trans-1,3-Dichloroprop...	7.622	79	22998	3.981	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.085	63	92376	41.316	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.640%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	49843	4.131	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	66736	3.910	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.200%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	98423	4.920	ug/L	98
3) Chloromethane	1.237	50	95679	4.781	ug/L	100
5) Vinyl chloride	1.307	62	85759	4.595	ug/L	98
6) Bromomethane	1.513	94	43496	4.991	ug/L	100
8) Chloroethane	1.577	64	48605	4.684	ug/L	98
9) Trichlorofluoromethane	1.748	101	119651	4.801	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	57224	4.890	ug/L	98
12) 1,1-Dichloroethene	2.111	96	53429	4.407	ug/L	92
13) Acetone	2.156	43	84120	45.956	ug/L	96
14) Carbon disulfide	2.288	76	212121	4.370	ug/L	100
15) Methyl Acetate	2.429	43	21899	4.914	ug/L	97
16) Methylene chloride	2.500	84	73050	3.752	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	125254	4.427	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	67027	4.495	ug/L	95
19) 1,1-Dichloroethane	3.185	63	130068	4.556	ug/L	98
21) 2-Butanone	3.957	43	137676	55.239	ug/L	97
22) cis-1,2-Dichloroethene	3.905	96	66622	4.544	ug/L	98
23) Bromochloromethane	4.243	128	30950	4.516	ug/L	99
25) Chloroform	4.371	83	132974	4.533	ug/L	99

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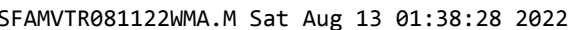
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 ClientSampleId :

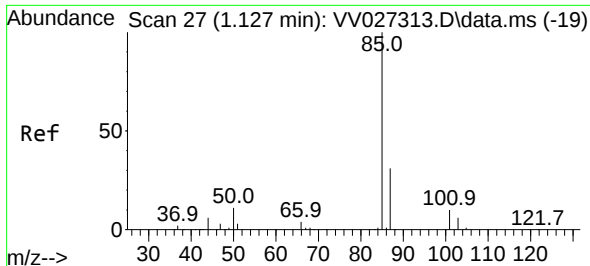
Quant Time: Aug 13 01:38:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 08:00:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	76003	4.534	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	116347	4.521	ug/L	99
30) Cyclohexane	4.670	56	93527	4.486	ug/L	100
31) Carbon tetrachloride	4.825	117	102367	4.571	ug/L	100
33) Benzene	5.095	78	276331	4.421	ug/L	100
34) Trichloroethene	5.912	95	67278	4.325	ug/L	99
35) Methylcyclohexane	6.127	83	96054	4.484	ug/L	100
37) 1,2-Dichloropropane	6.169	63	73743	4.773	ug/L	99
38) Bromodichloromethane	6.506	83	88233	4.432	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	86092	4.559	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	361722	45.369	ug/L	99
42) Toluene	7.384	91	303593	4.868	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	74746	4.524	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	48101	4.367	ug/L	97
47) Tetrachloroethene	7.973	164	57517	4.708	ug/L	98
48) 2-Hexanone	8.137	43	269685	47.137	ug/L	98
49) Dibromochloromethane	8.243	129	57748	4.479	ug/L	100
50) 1,2-Dibromoethane	8.352	107	43962	4.489	ug/L #	98
51) Chlorobenzene	8.879	112	187290	4.611	ug/L	98
52) Ethylbenzene	9.011	91	291530	4.653	ug/L	100
53) m,p-Xylene	9.137	106	114875	4.807	ug/L	97
54) o-Xylene	9.542	106	106600	4.561	ug/L	100
55) Styrene	9.558	104	196323	4.885	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	54927	4.474	ug/L	97
59) Bromoform	9.731	173	27741	4.160	ug/L	98
60) Isopropylbenzene	9.931	105	290812	4.669	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	39636	4.162	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	72960	4.238	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	216653	4.390	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	146453	4.706	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	145485	4.646	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	132691	4.578	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	8118	4.080	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	98374	4.384	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	69549	4.147	ug/L	98
71) Naphthalene	13.503	128	95634	3.691	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	66146	4.231	ug/L	99

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

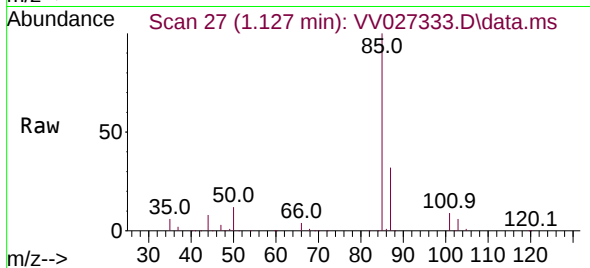
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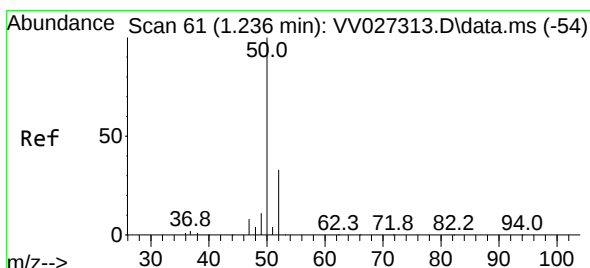
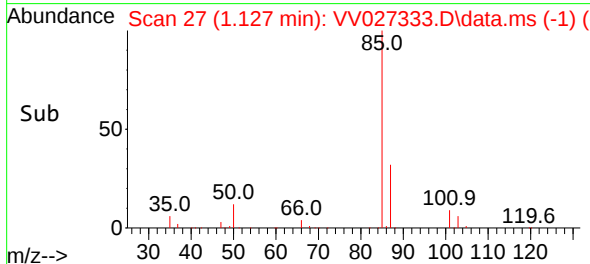
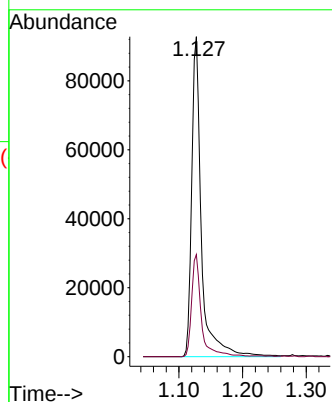


#2
 Dichlorodifluoromethane
 Concen: 4.920 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027333.D
 Acq: 12 Aug 2022 15:34

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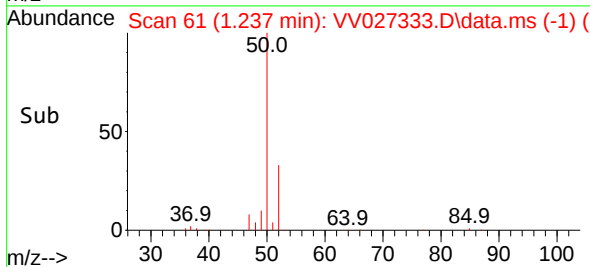
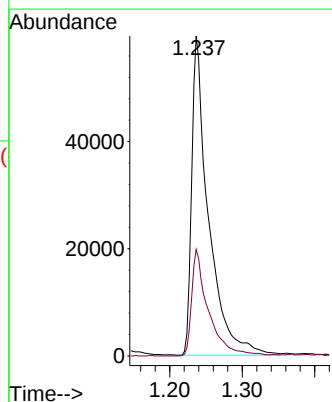
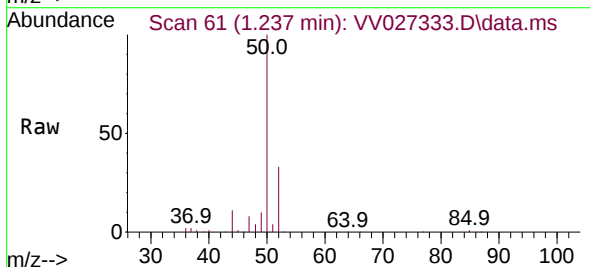


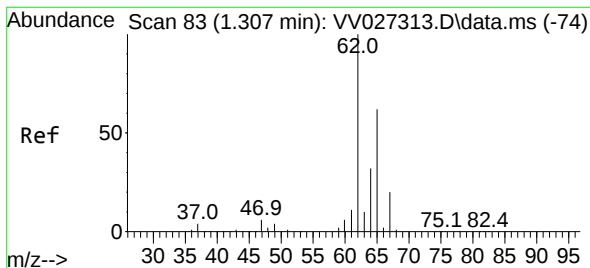
Tgt Ion: 85 Resp: 98423
 Ion Ratio Lower Upper
 85 100
 87 31.5 26.2 39.4



#3
 Chloromethane
 Concen: 4.781 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV027333.D
 Acq: 12 Aug 2022 15:34

Tgt Ion: 50 Resp: 95679
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.4 43.4





#5

Vinyl chloride

Concen: 4.595 ug/L

RT: 1.307 min Scan# 81

Delta R.T. 0.000 min

Lab File: VV027333.D

Acq: 12 Aug 2022 15:34

Instrument :

MSVOA_V

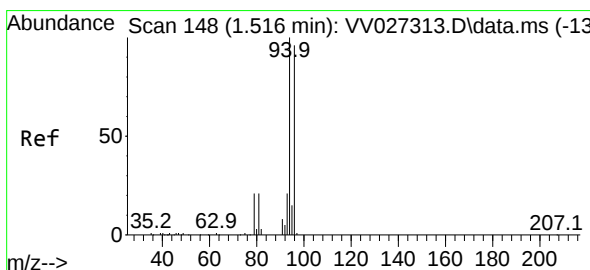
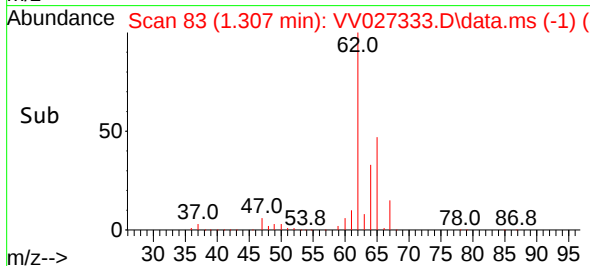
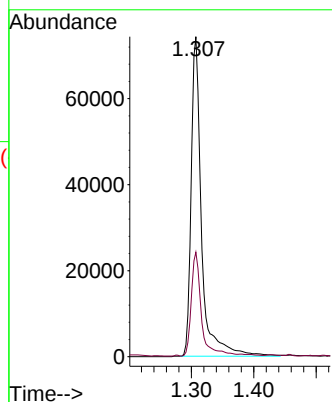
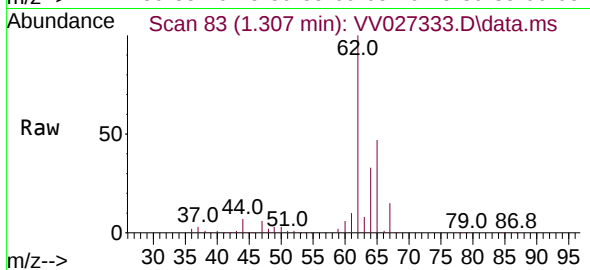
ClientSampleId :

Tgt Ion: 62 Resp: 85759

Ion Ratio Lower Upper

62 100

64 32.7 23.7 44.1



#6

Bromomethane

Concen: 4.991 ug/L

RT: 1.513 min Scan# 147

Delta R.T. -0.003 min

Lab File: VV027333.D

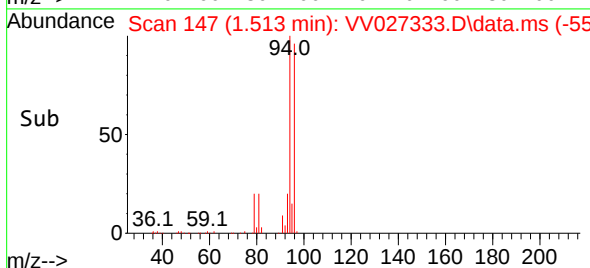
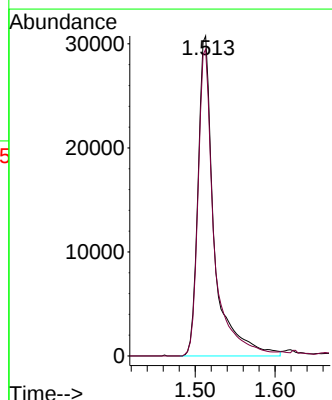
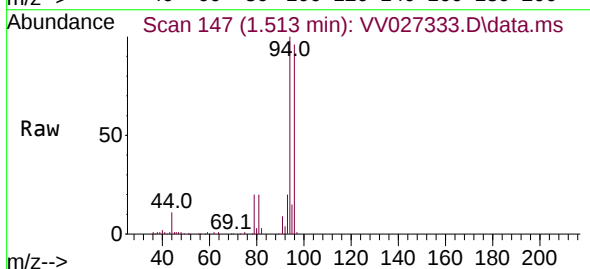
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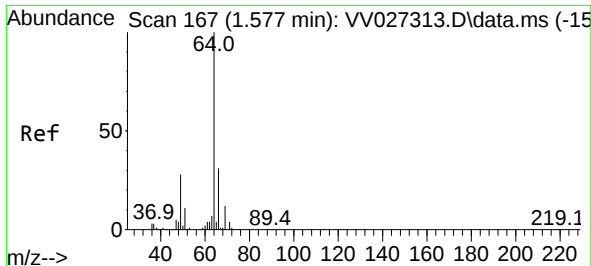
Tgt Ion: 94 Resp: 43496

Ion Ratio Lower Upper

94 100

96 95.8 67.2 124.8

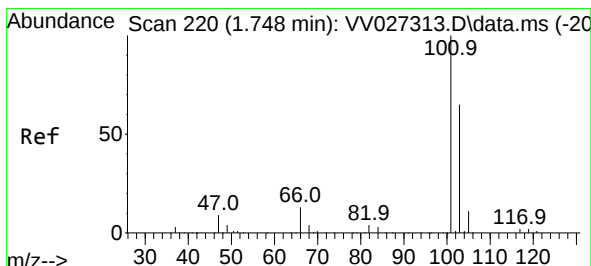
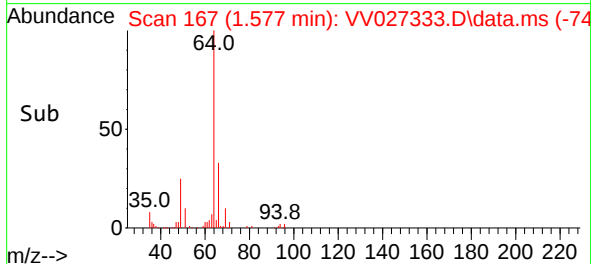
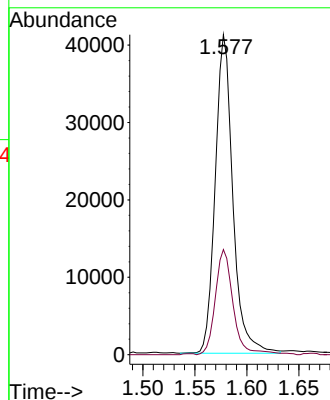
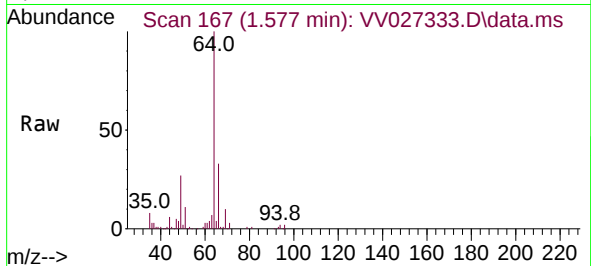




#8
Chloroethane
Concen: 4.684 ug/L
RT: 1.577 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV027333.D
Acq: 12 Aug 2022 15:34

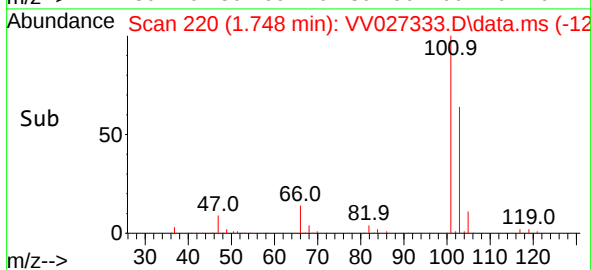
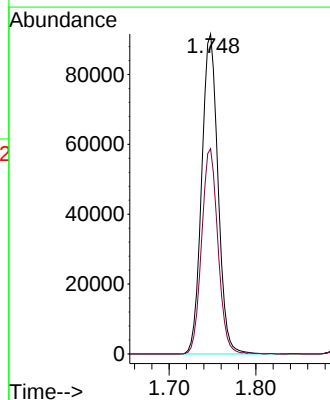
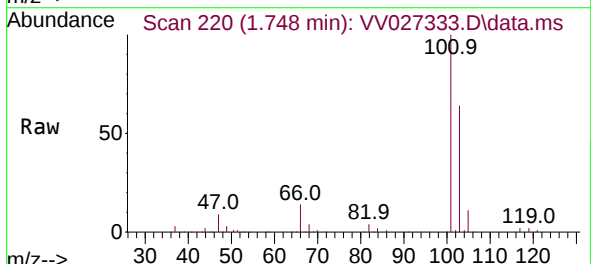
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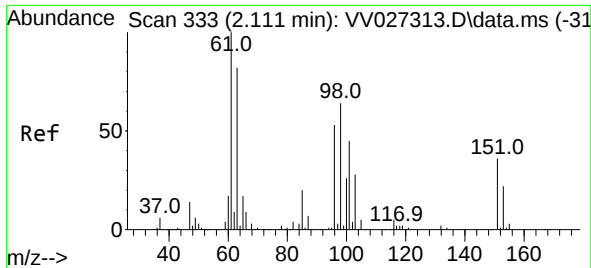
Tgt Ion: 64 Resp: 48605
Ion Ratio Lower Upper
64 100
66 32.8 22.3 41.5



#9
Trichlorofluoromethane
Concen: 4.801 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV027333.D
Acq: 12 Aug 2022 15:34

Tgt Ion: 101 Resp: 119651
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.0

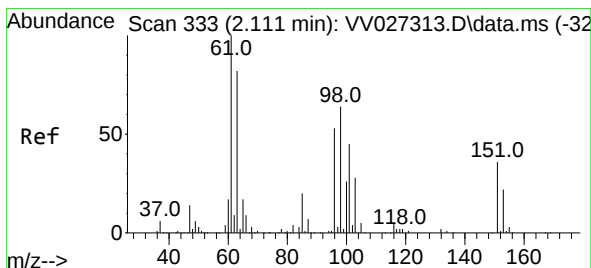
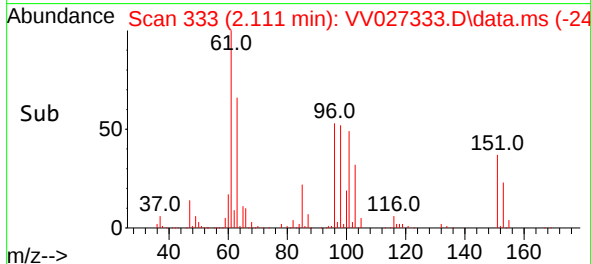
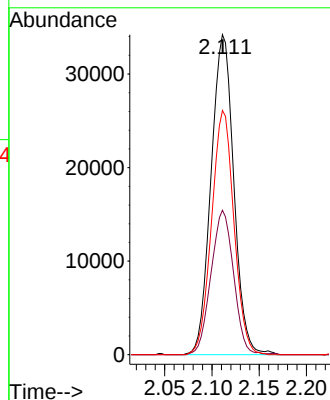
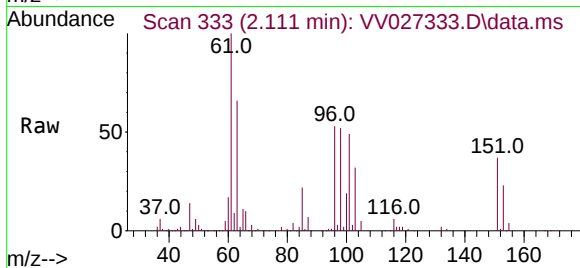




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.890 ug/L
 RT: 2.111 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VV027333.D
 Acq: 12 Aug 2022 15:34

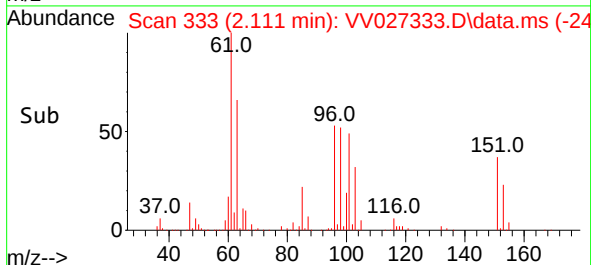
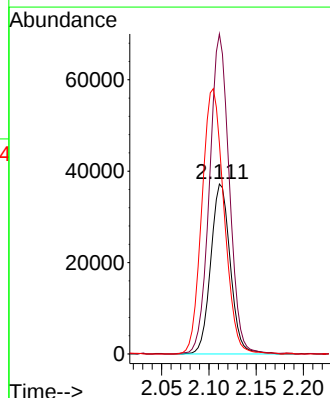
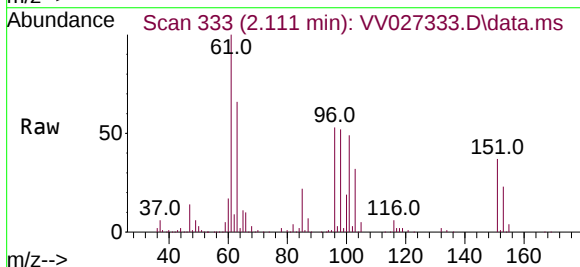
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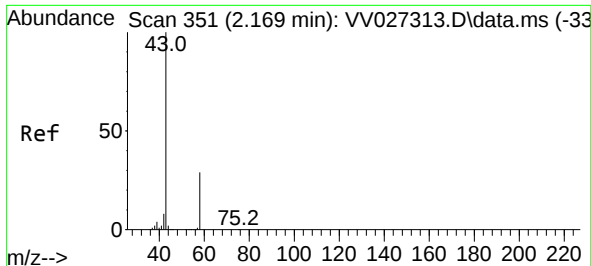
Tgt Ion:101 Resp: 57224
 Ion Ratio Lower Upper
 101 100
 85 44.8 36.2 54.4
 151 75.1 62.0 93.0



#12
 1,1-Dichloroethene
 Concen: 4.407 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV027333.D
 Acq: 12 Aug 2022 15:34

Tgt Ion: 96 Resp: 53429
 Ion Ratio Lower Upper
 96 100
 61 188.4 130.7 242.7
 63 124.1 101.4 188.2

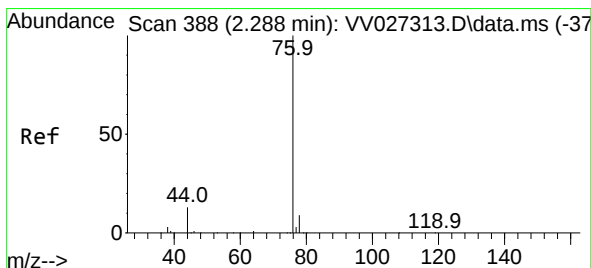
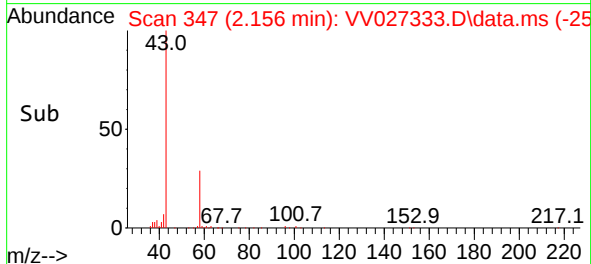
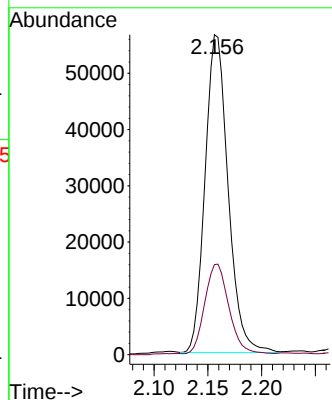
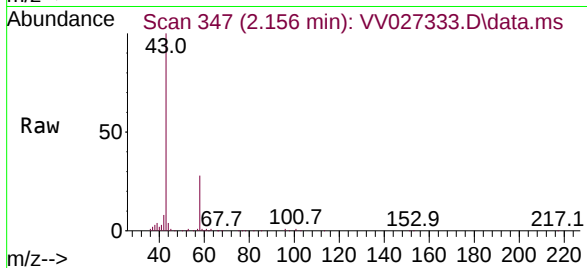




#13
Acetone
Concen: 45.956 ug/L
RT: 2.156 min Scan# 34
Delta R.T. -0.013 min
Lab File: VV027333.D
Acq: 12 Aug 2022 15:34

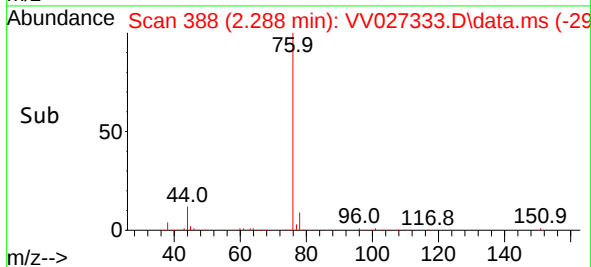
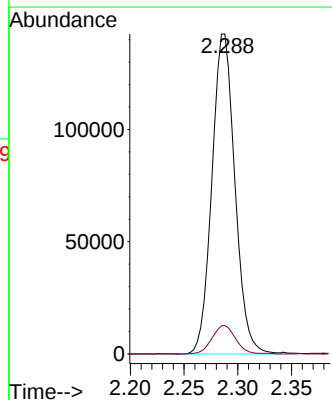
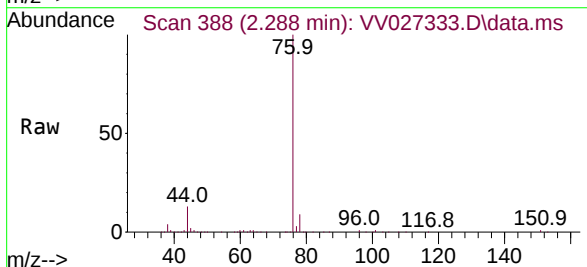
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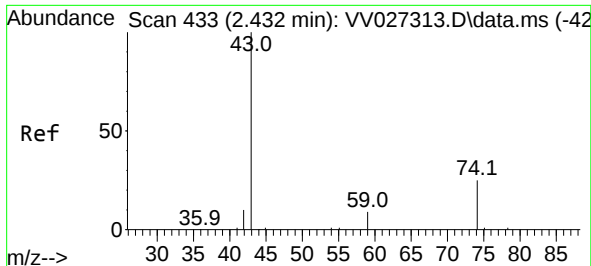
Tgt Ion: 43 Resp: 84120
Ion Ratio Lower Upper
43 100
58 29.4 0.0 63.2



#14
Carbon disulfide
Concen: 4.370 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.000 min
Lab File: VV027333.D
Acq: 12 Aug 2022 15:34

Tgt Ion: 76 Resp: 212121
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

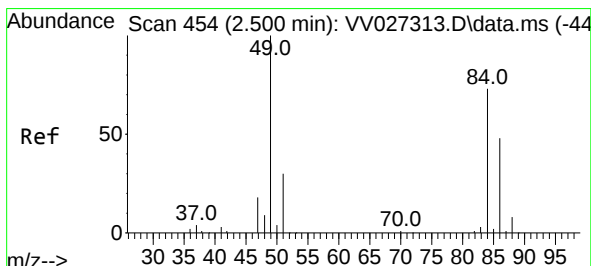
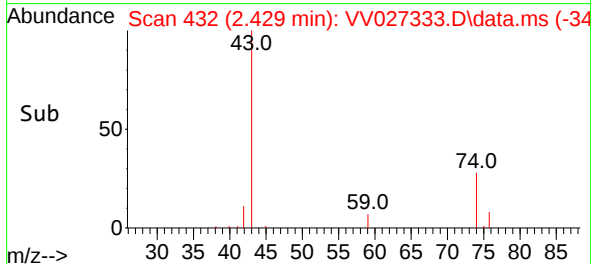
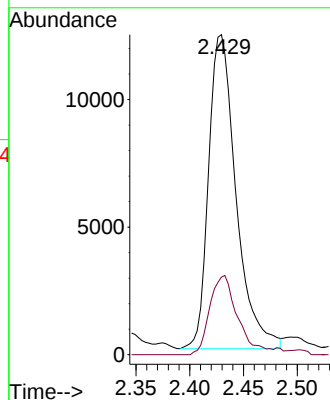
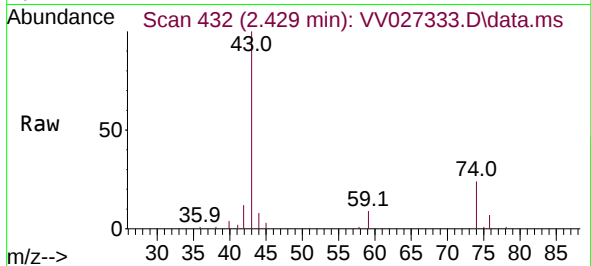




#15
Methyl Acetate
Concen: 4.914 ug/L
RT: 2.429 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV027333.D
Acq: 12 Aug 2022 15:34

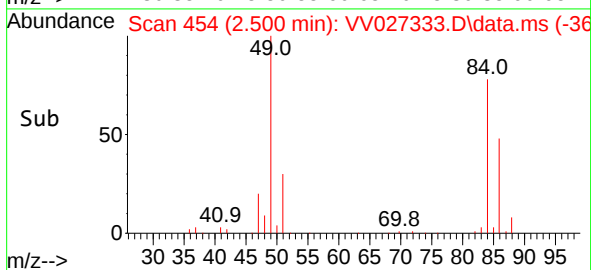
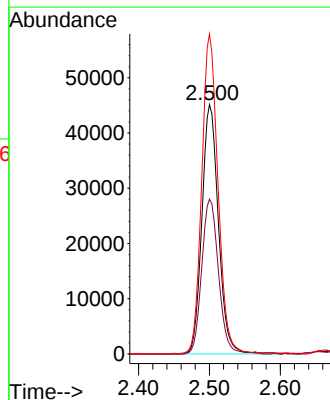
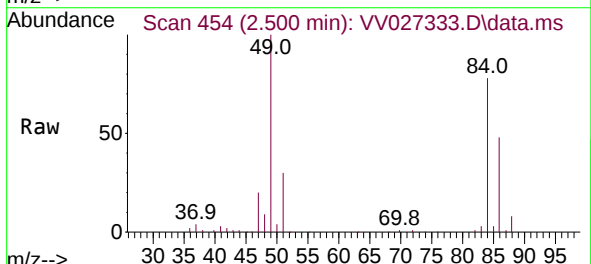
Instrument :
MSVOA_V
ClientSampleId :

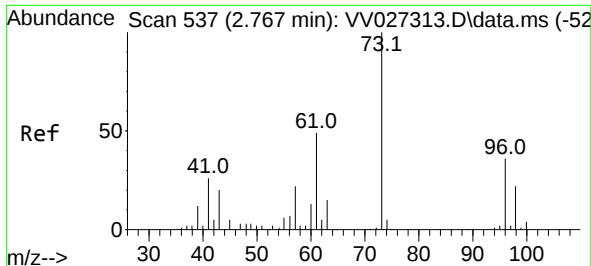
Tgt Ion: 43 Resp: 21899
Ion Ratio Lower Upper
43 100
74 25.6 21.8 32.8



#16
Methylene chloride
Concen: 3.752 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV027333.D
Acq: 12 Aug 2022 15:34

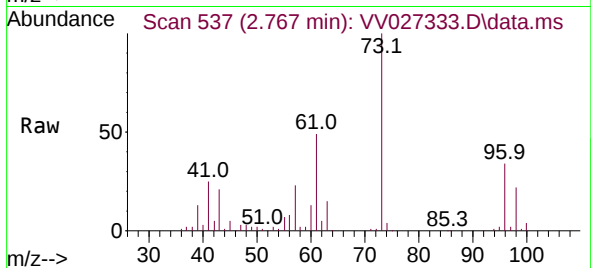
Tgt Ion: 84 Resp: 73050
Ion Ratio Lower Upper
84 100
86 62.1 45.1 83.9
49 128.3 91.2 169.4



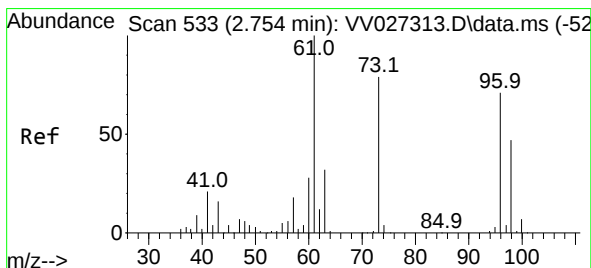
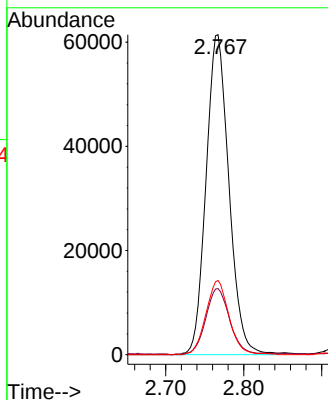
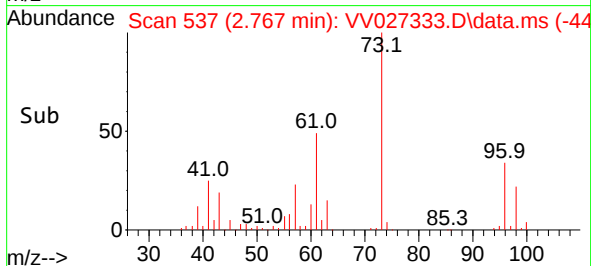


#17
Methyl tert-butyl Ether
Concen: 4.427 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV027333.D
Acq: 12 Aug 2022 15:34

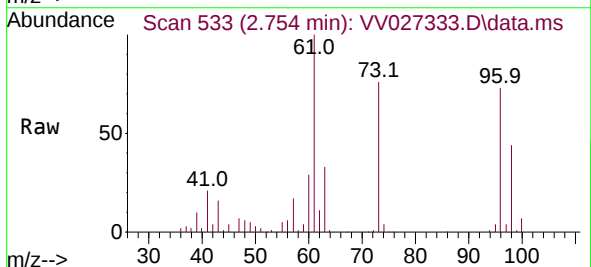
Instrument :
MSVOA_V
ClientSampleId :



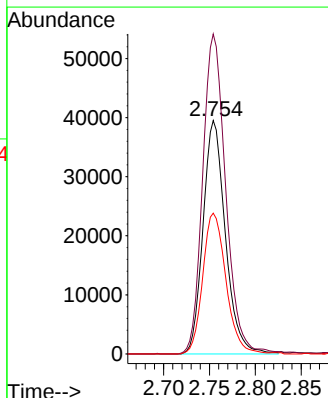
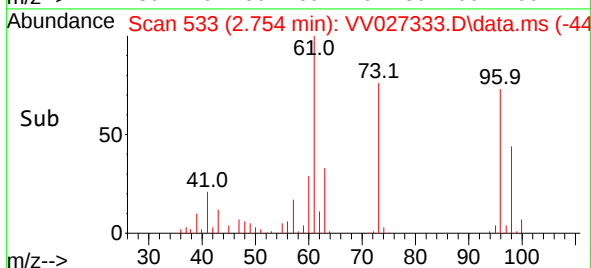
Tgt Ion: 73 Resp: 125254
Ion Ratio Lower Upper
73 100
43 22.0 15.8 23.8
57 23.2 18.3 27.5

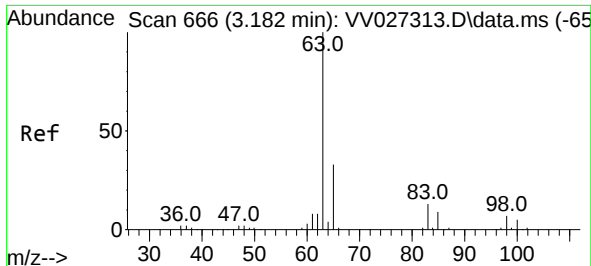


#18
trans-1,2-Dichloroethene
Concen: 4.495 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.000 min
Lab File: VV027333.D
Acq: 12 Aug 2022 15:34



Tgt Ion: 96 Resp: 67027
Ion Ratio Lower Upper
96 100
61 137.0 99.6 185.0
98 60.3 45.1 83.7





#19

1,1-Dichloroethane

Concen: 4.556 ug/L

RT: 3.185 min Scan# 60

Delta R.T. 0.003 min

Lab File: VV027333.D

Acq: 12 Aug 2022 15:34

Instrument :

MSVOA_V

ClientSampleId :

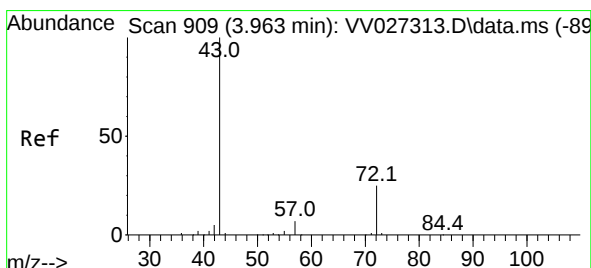
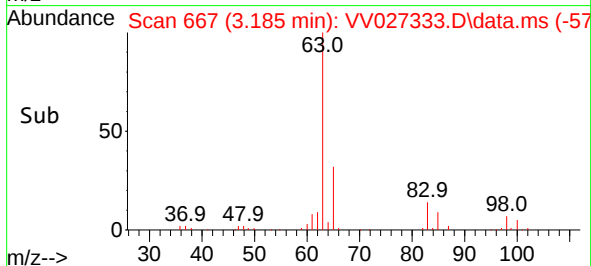
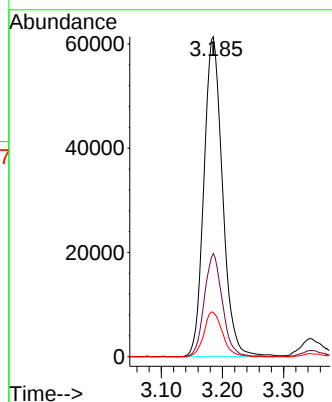
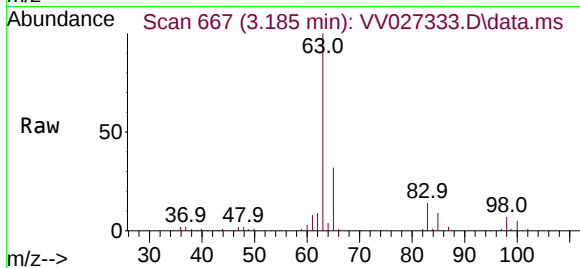
Tgt Ion: 63 Resp: 130068

Ion Ratio Lower Upper

63 100

65 32.2 21.6 40.2

83 13.8 9.3 17.3



#21

2-Butanone

Concen: 55.239 ug/L

RT: 3.957 min Scan# 907

Delta R.T. -0.006 min

Lab File: VV027333.D

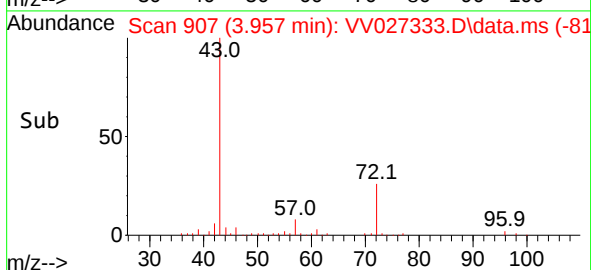
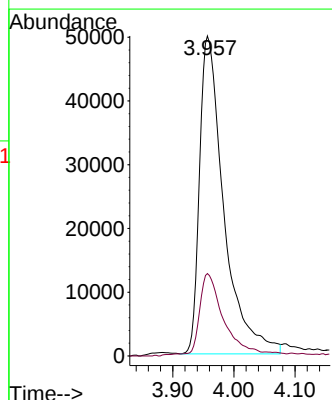
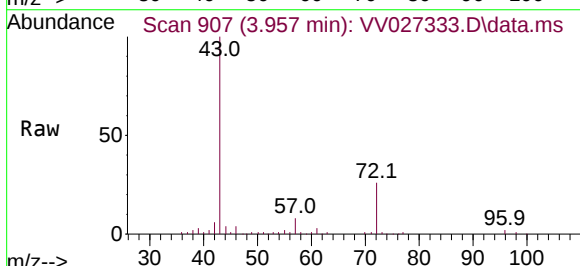
Acq: 12 Aug 2022 15:34

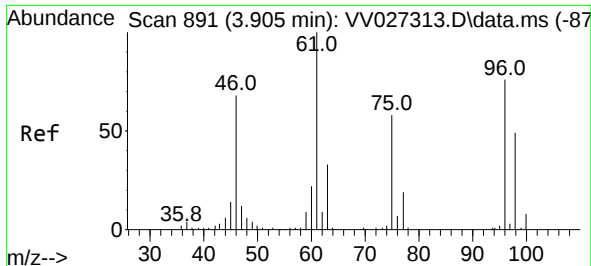
Tgt Ion: 43 Resp: 137676

Ion Ratio Lower Upper

43 100

72 24.1 12.9 38.6





#22

cis-1,2-Dichloroethene

Concen: 4.544 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.000 min

Lab File: VV027333.D

Acq: 12 Aug 2022 15:34

Instrument :

MSVOA_V

ClientSampleId :

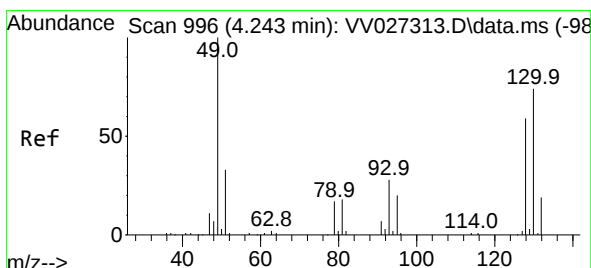
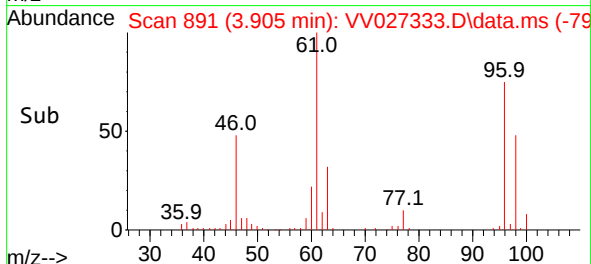
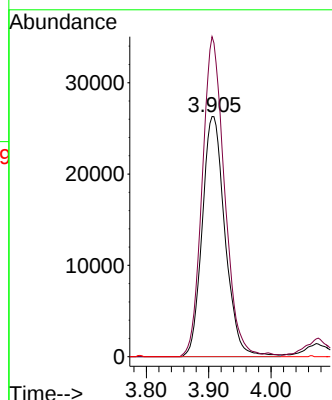
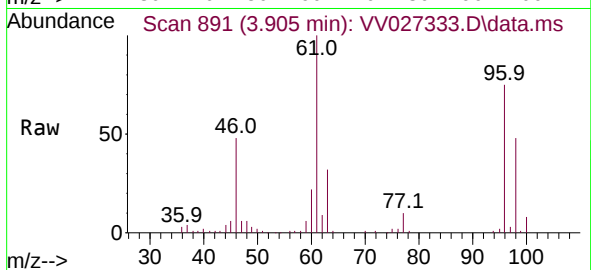
Tgt Ion: 96 Resp: 66622

Ion Ratio Lower Upper

96 100

61 133.2 91.3 169.5

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 4.516 ug/L

RT: 4.243 min Scan# 996

Delta R.T. 0.000 min

Lab File: VV027333.D

Acq: 12 Aug 2022 15:34

Tgt Ion: 128 Resp: 30950

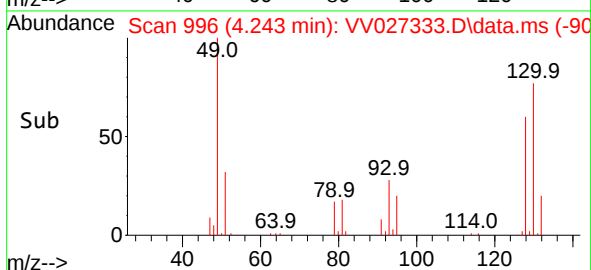
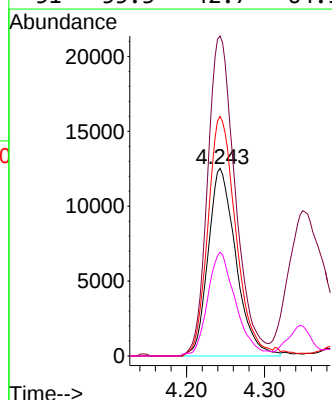
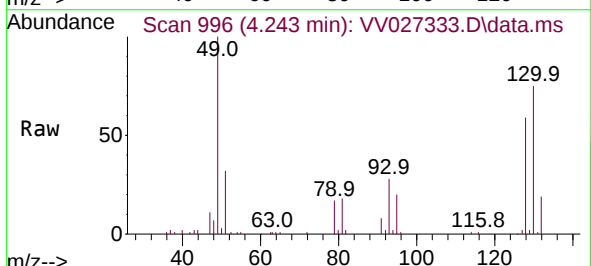
Ion Ratio Lower Upper

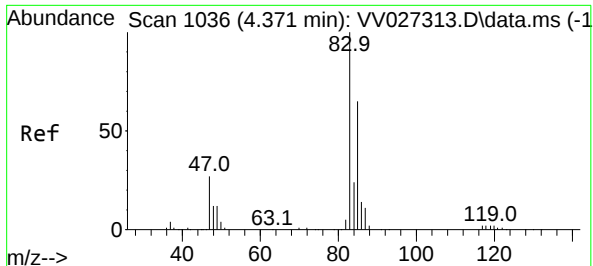
128 100

49 170.7 118.5 220.1

130 127.7 90.3 167.7

51 55.3 42.7 64.1

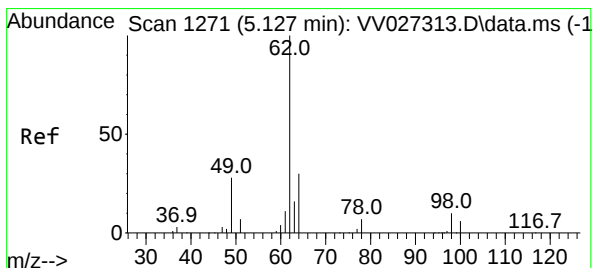
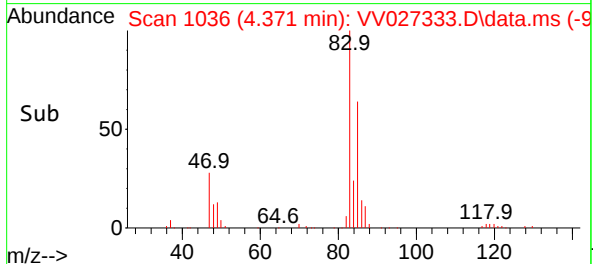
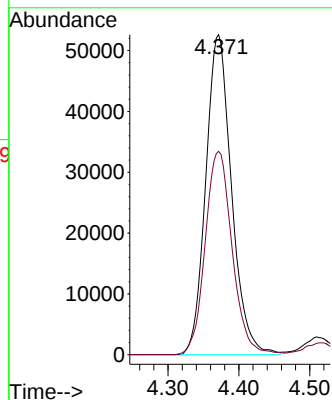
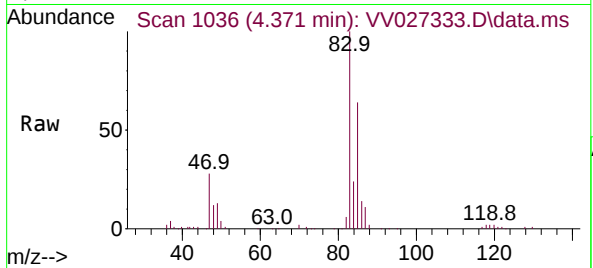




#25
Chloroform
Concen: 4.533 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VV027333.D
Acq: 12 Aug 2022 15:34

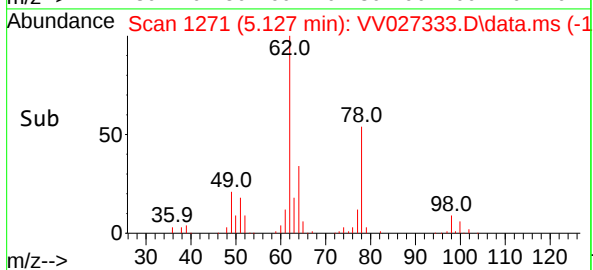
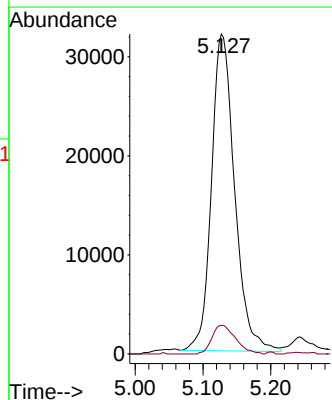
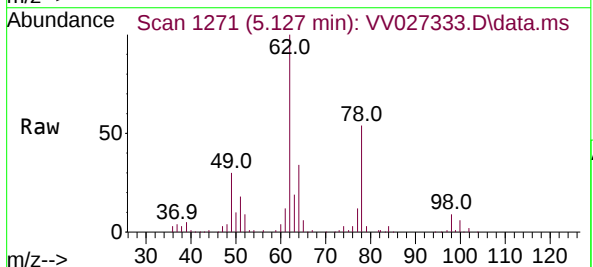
Instrument :
MSVOA_V
ClientSampleId :

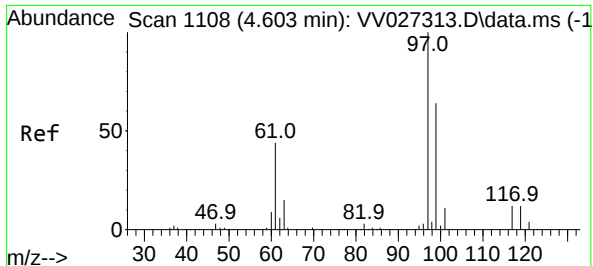
Tgt Ion: 83 Resp: 132974
Ion Ratio Lower Upper
83 100
85 63.6 45.2 84.0



#27
1,2-Dichloroethane
Concen: 4.534 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VV027333.D
Acq: 12 Aug 2022 15:34

Tgt Ion: 62 Resp: 76003
Ion Ratio Lower Upper
62 100
98 8.9 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.521 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV027333.D

Acq: 12 Aug 2022 15:34

Instrument :

MSVOA_V

ClientSampleId :

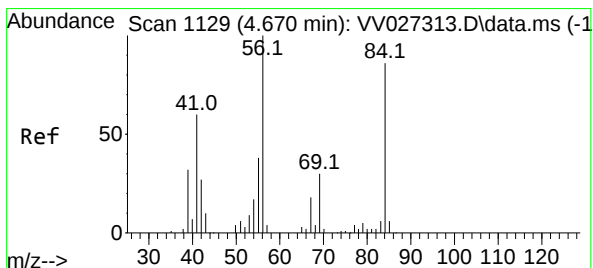
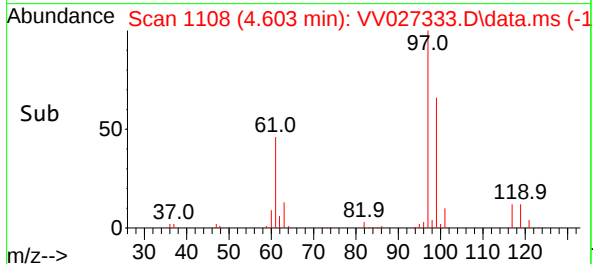
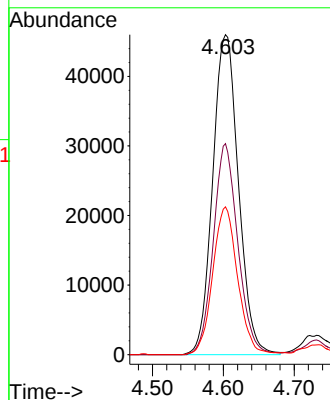
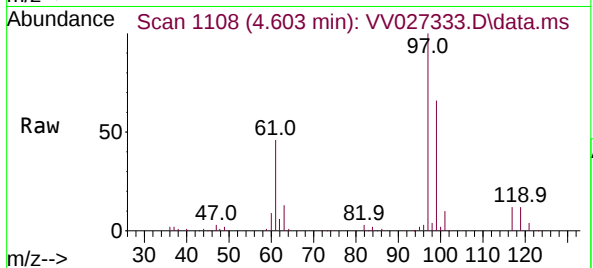
Tgt Ion: 97 Resp: 116347

Ion Ratio Lower Upper

97 100

99 63.0 50.8 76.2

61 44.8 36.5 54.7



#30

Cyclohexane

Concen: 4.486 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VV027333.D

Acq: 12 Aug 2022 15:34

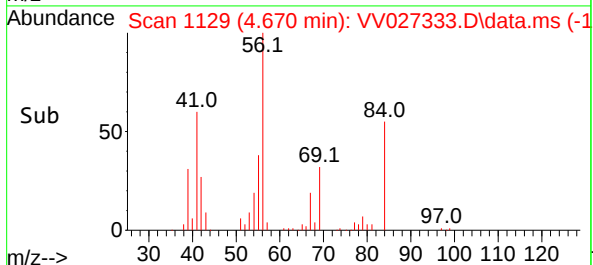
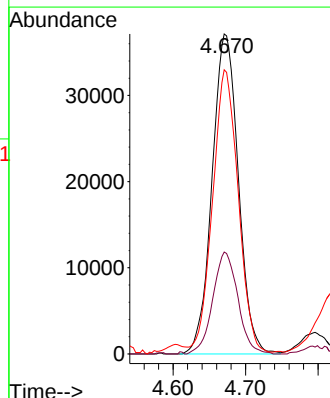
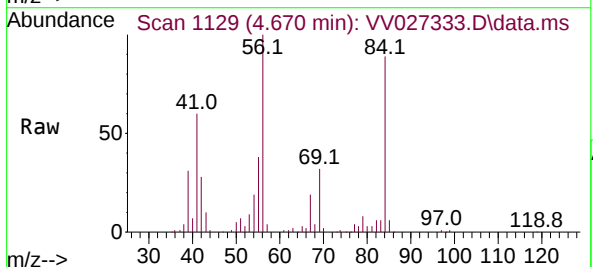
Tgt Ion: 56 Resp: 93527

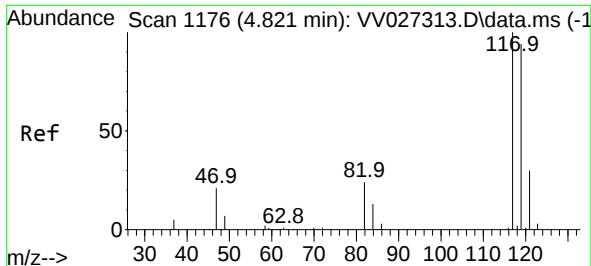
Ion Ratio Lower Upper

56 100

69 30.3 24.0 36.0

84 86.1 69.1 103.7

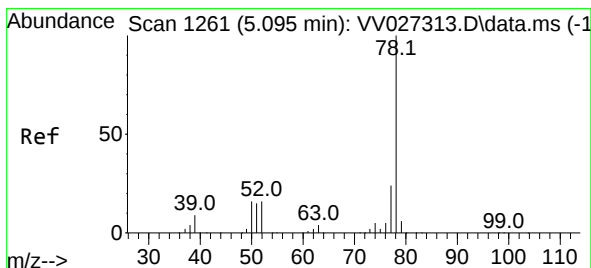
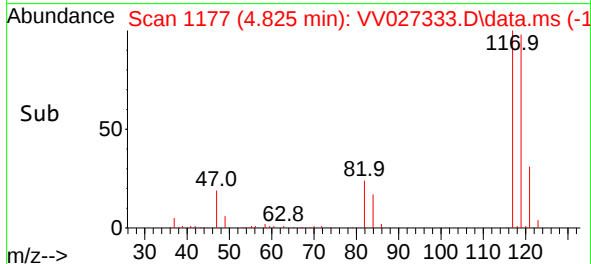
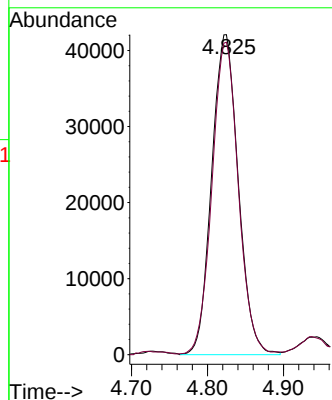
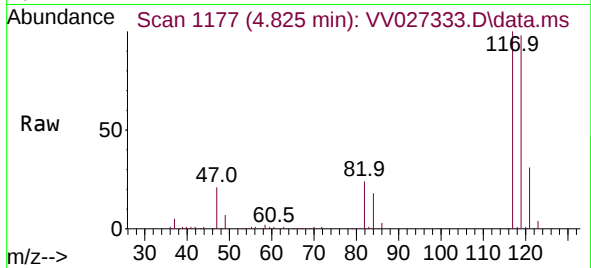




#31
Carbon tetrachloride
Concen: 4.571 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV027333.D
Acq: 12 Aug 2022 15:34

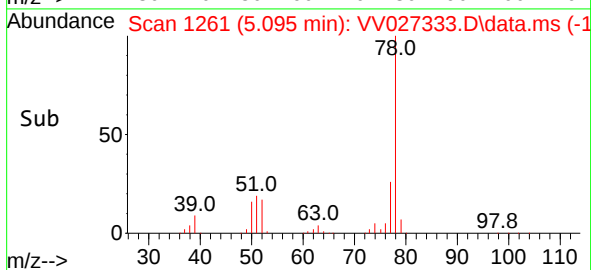
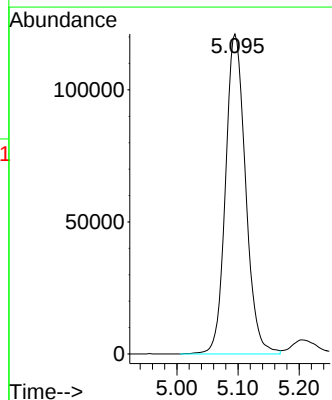
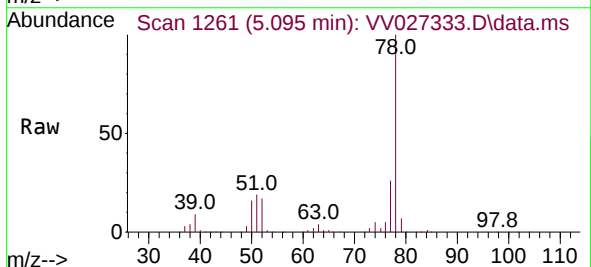
Instrument :
MSVOA_V
ClientSampleId :

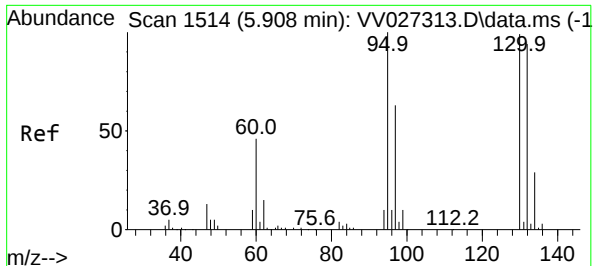
Tgt Ion:117 Resp: 102367
Ion Ratio Lower Upper
117 100
119 96.2 76.6 115.0



#33
Benzene
Concen: 4.421 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV027333.D
Acq: 12 Aug 2022 15:34

Tgt Ion: 78 Resp: 276331





#34

Trichloroethene

Concen: 4.325 ug/L

RT: 5.912 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027333.D

Acq: 12 Aug 2022 15:34

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 67278

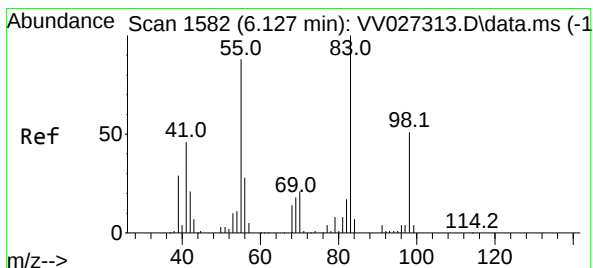
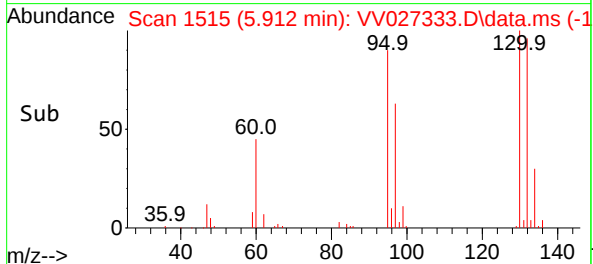
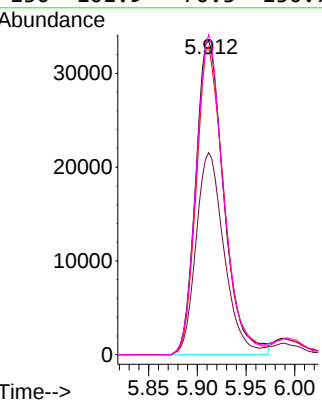
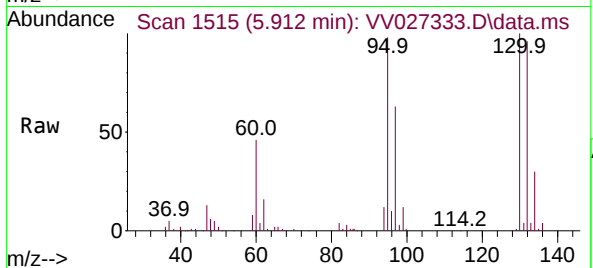
Ion Ratio Lower Upper

95 100

97 64.4 45.5 84.5

132 98.0 68.2 126.6

130 101.9 70.3 130.7



#35

Methylcyclohexane

Concen: 4.484 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.000 min

Lab File: VV027333.D

Acq: 12 Aug 2022 15:34

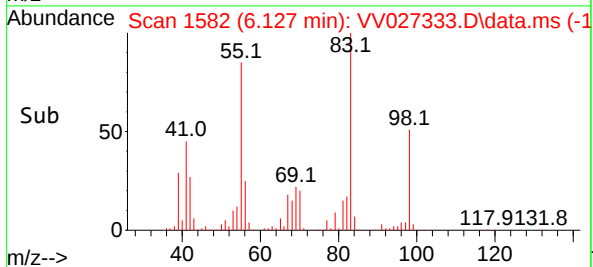
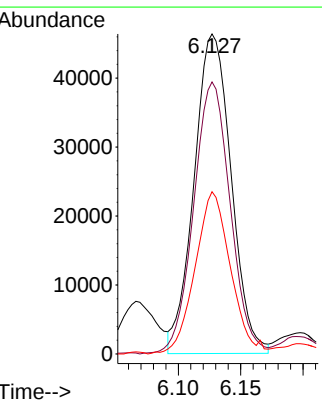
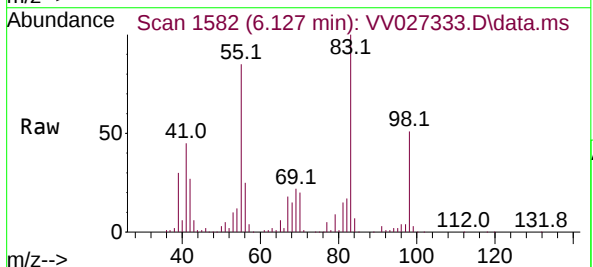
Tgt Ion: 83 Resp: 96054

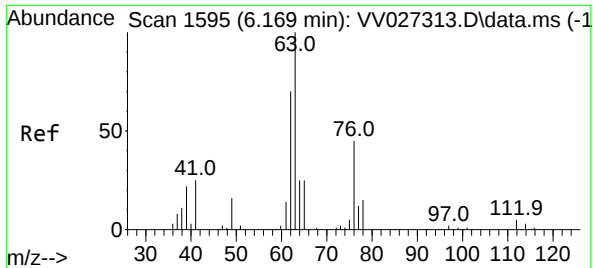
Ion Ratio Lower Upper

83 100

55 84.1 67.0 100.6

98 48.4 38.7 58.1





#37

1,2-Dichloropropane

Concen: 4.773 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV027333.D

Acq: 12 Aug 2022 15:34

Instrument :

MSVOA_V

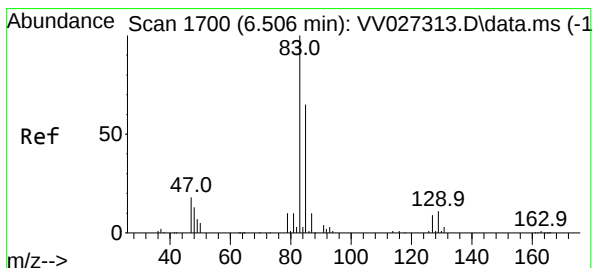
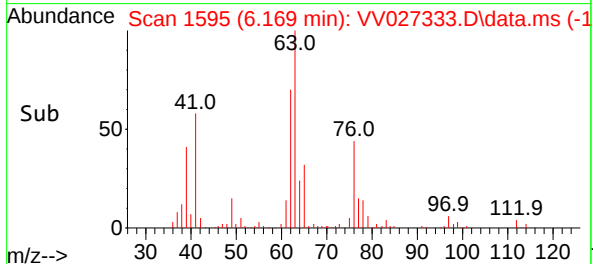
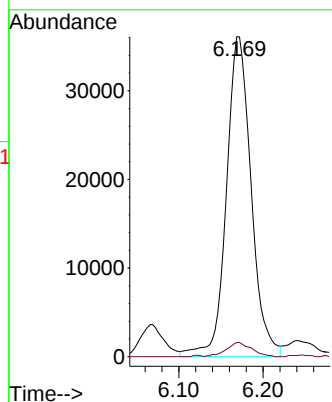
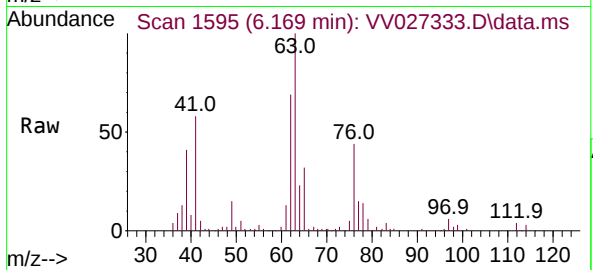
ClientSampleId :

Tgt Ion: 63 Resp: 73743

Ion Ratio Lower Upper

63 100

112 4.5 4.0 6.0



#38

Bromodichloromethane

Concen: 4.432 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV027333.D

Acq: 12 Aug 2022 15:34

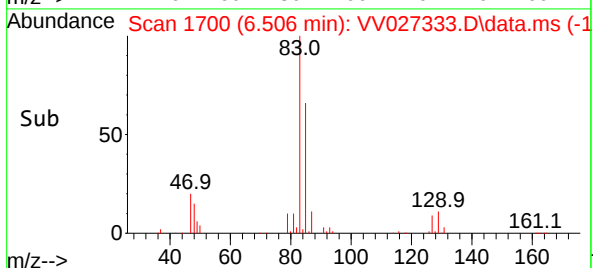
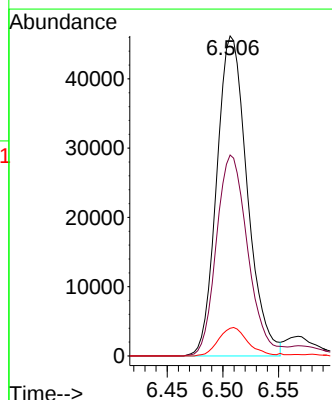
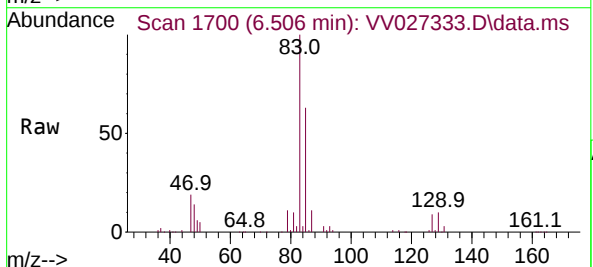
Tgt Ion: 83 Resp: 88233

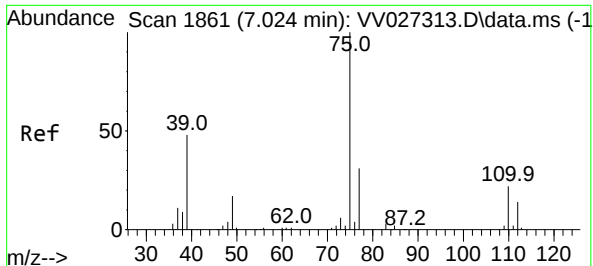
Ion Ratio Lower Upper

83 100

85 62.8 45.4 84.4

127 8.6 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 4.559 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV027333.D

Acq: 12 Aug 2022 15:34

Instrument :

MSVOA_V

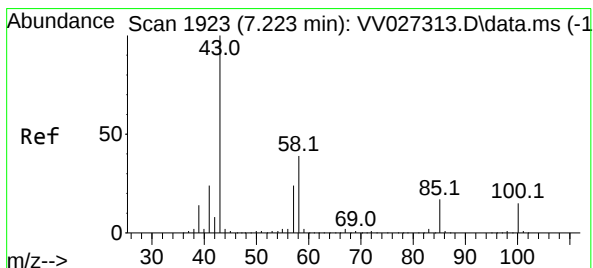
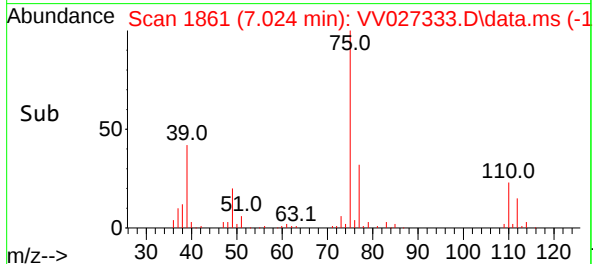
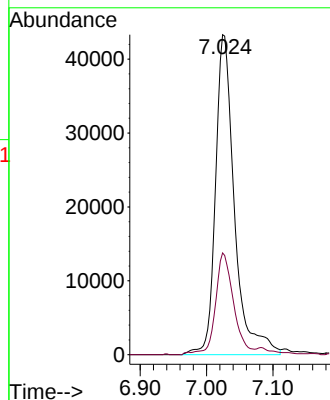
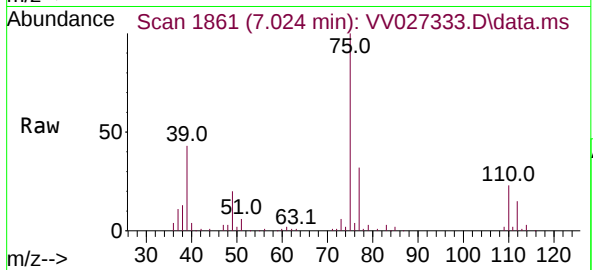
ClientSampleId :

Tgt Ion: 75 Resp: 86092

Ion Ratio Lower Upper

75 100

77 31.8 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 45.369 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV027333.D

Acq: 12 Aug 2022 15:34

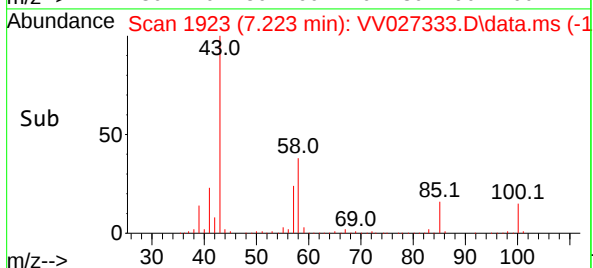
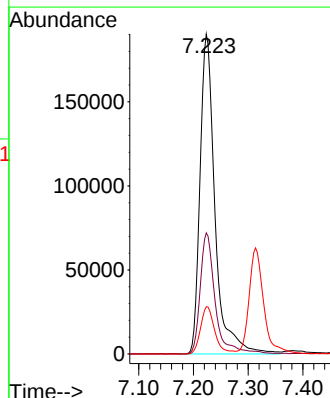
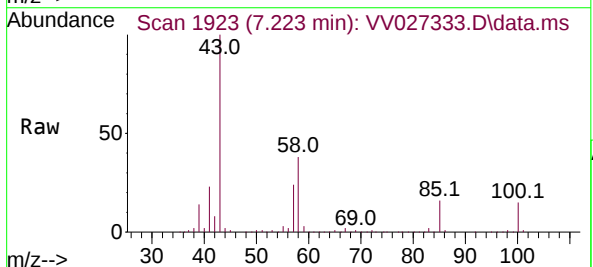
Tgt Ion: 43 Resp: 361722

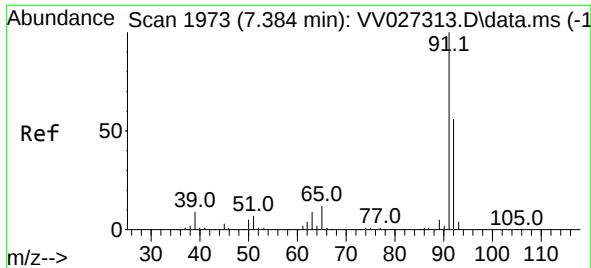
Ion Ratio Lower Upper

43 100

58 37.9 31.0 46.4

100 14.1 10.9 16.3

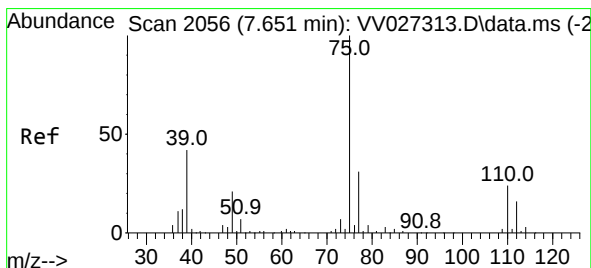
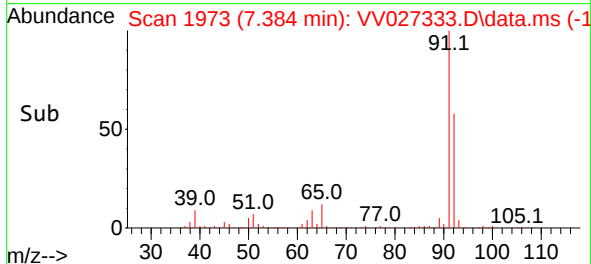
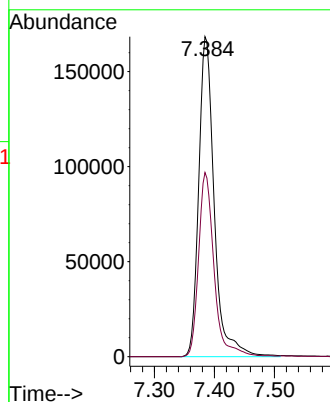
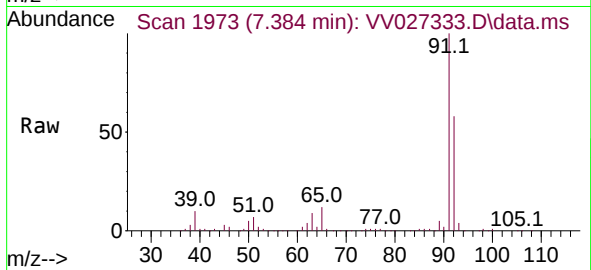




#42
Toluene
Concen: 4.868 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VV027333.D
Acq: 12 Aug 2022 15:34

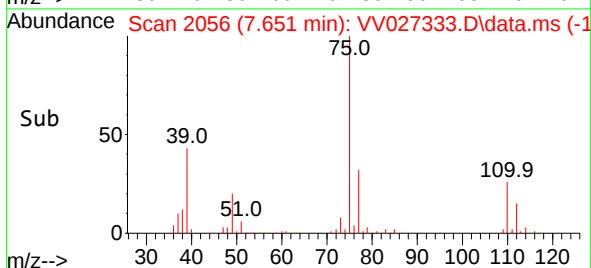
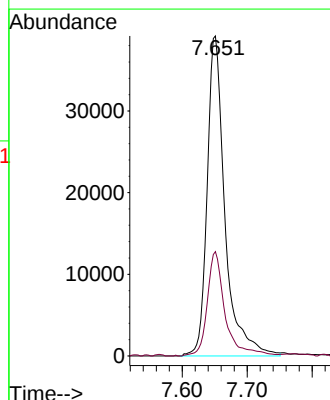
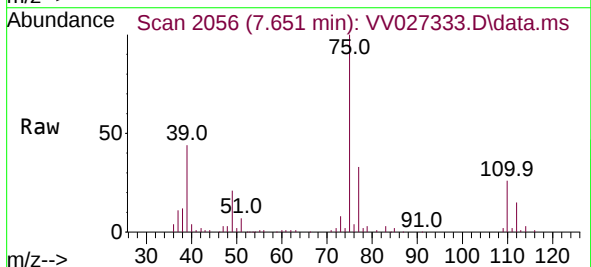
Instrument :
MSVOA_V
ClientSampleId :

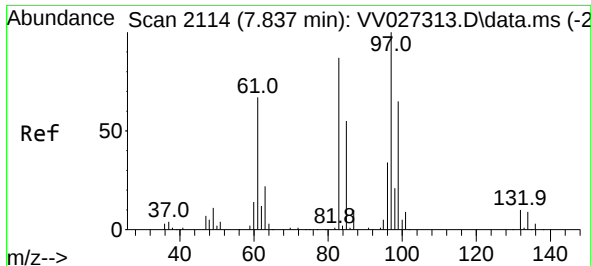
Tgt Ion: 91 Resp: 303593
Ion Ratio Lower Upper
91 100
92 57.6 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 4.524 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VV027333.D
Acq: 12 Aug 2022 15:34

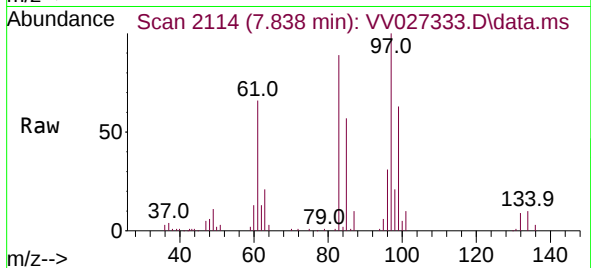
Tgt Ion: 75 Resp: 74746
Ion Ratio Lower Upper
75 100
77 32.6 21.9 40.7



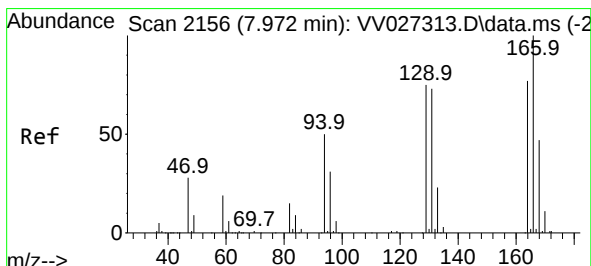
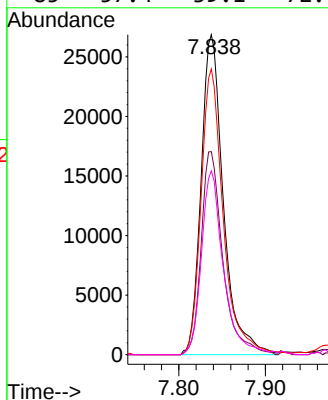
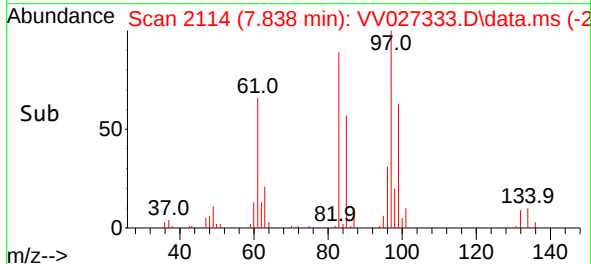


#45
1,1,2-Trichloroethane
Concen: 4.367 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV027333.D
Acq: 12 Aug 2022 15:34

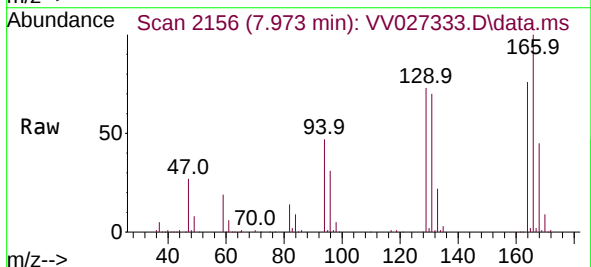
Instrument :
MSVOA_V
ClientSampleId :



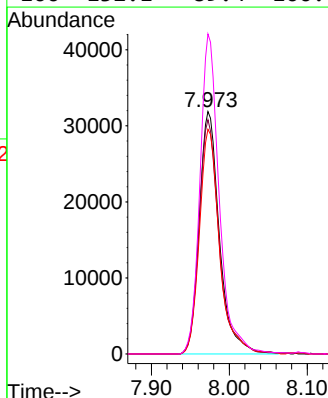
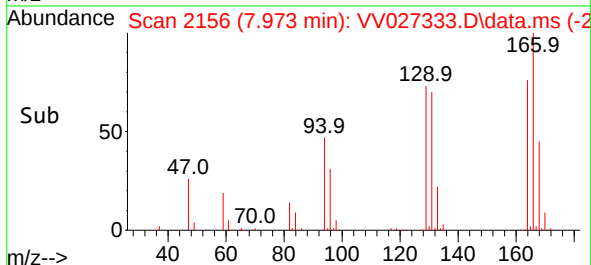
Tgt Ion:	97	Resp:	48101
Ion	Ratio	Lower	Upper
97	100		
99	63.4	43.7	81.1
83	89.3	59.8	111.0
85	57.4	39.1	72.7

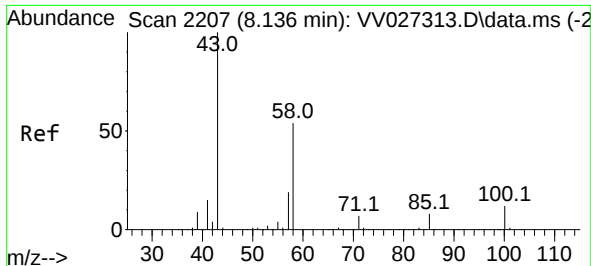


#47
Tetrachloroethene
Concen: 4.708 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV027333.D
Acq: 12 Aug 2022 15:34



Tgt Ion:	164	Resp:	57517
Ion	Ratio	Lower	Upper
164	100		
129	96.6	69.0	128.1
131	92.7	64.7	120.1
166	132.1	89.4	166.0

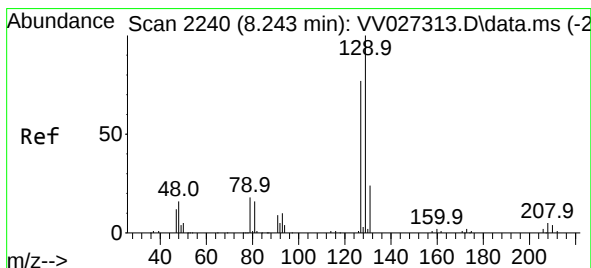
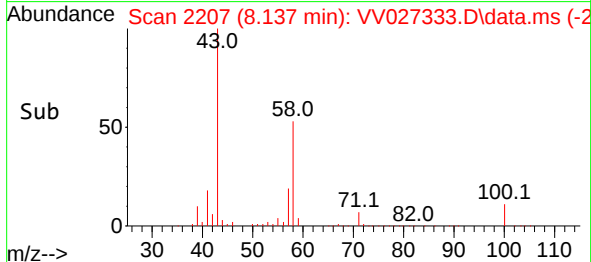
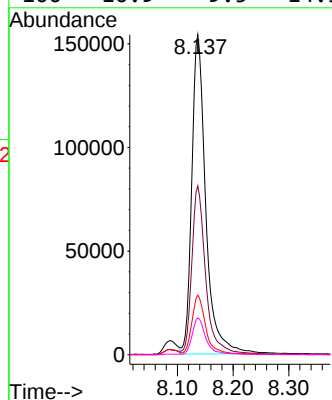
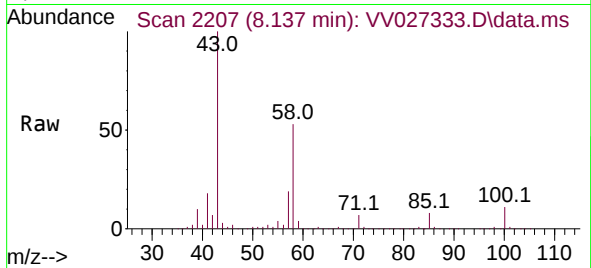




#48
2-Hexanone
Concen: 47.137 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027333.D
Acq: 12 Aug 2022 15:34

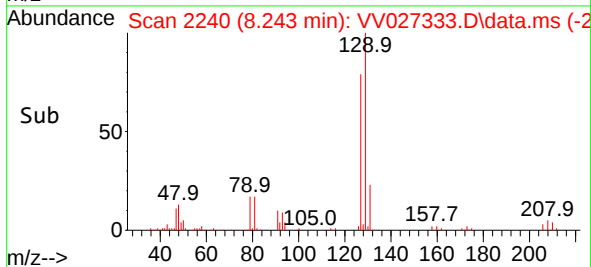
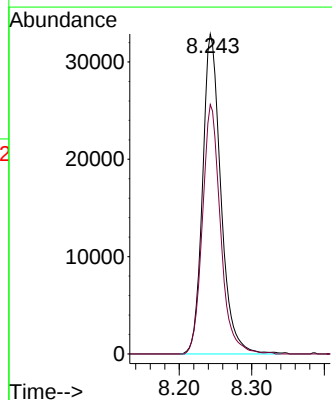
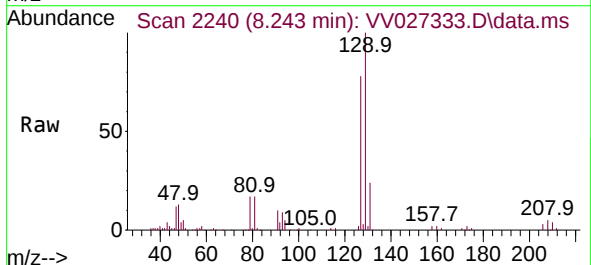
Instrument :
MSVOA_V
ClientSampleId :

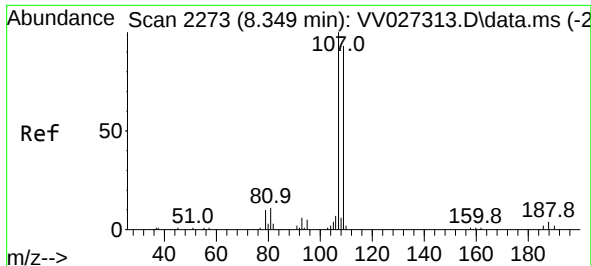
Tgt Ion: 43 Resp: 269685
Ion Ratio Lower Upper
43 100
58 52.2 42.8 64.2
57 18.0 15.2 22.8
100 10.9 9.5 14.3



#49
Dibromochloromethane
Concen: 4.479 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV027333.D
Acq: 12 Aug 2022 15:34

Tgt Ion: 129 Resp: 57748
Ion Ratio Lower Upper
129 100
127 77.9 54.5 101.3





#50

1,2-Dibromoethane

Concen: 4.489 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV027333.D

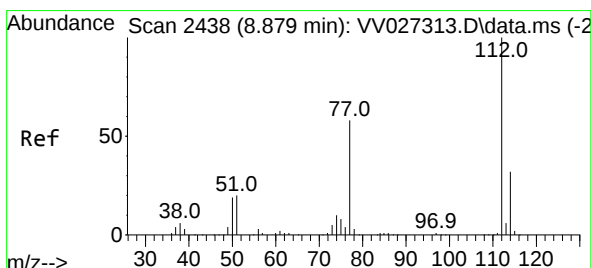
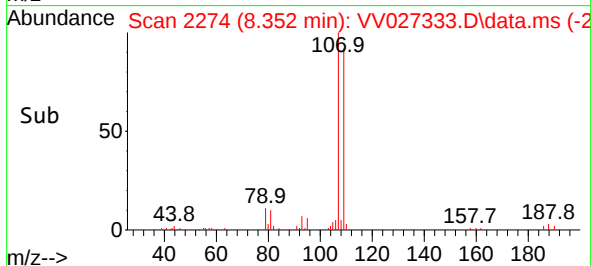
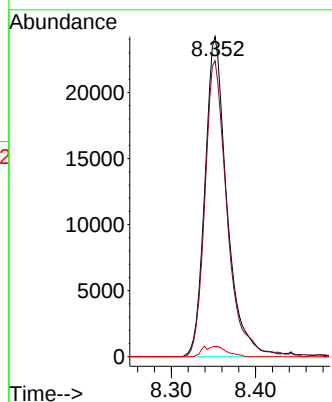
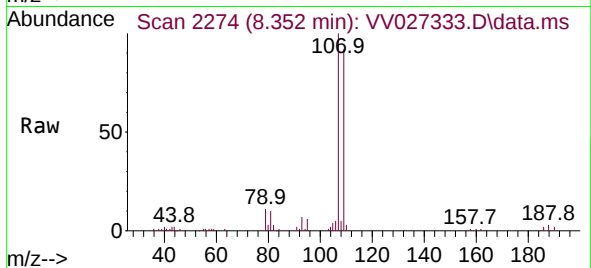
Acq: 12 Aug 2022 15:34

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	43962
Ion	Ratio	Lower	Upper
107	100		
109	92.5	66.1	122.8
188	3.2	3.4	5.2#



#51

Chlorobenzene

Concen: 4.611 ug/L

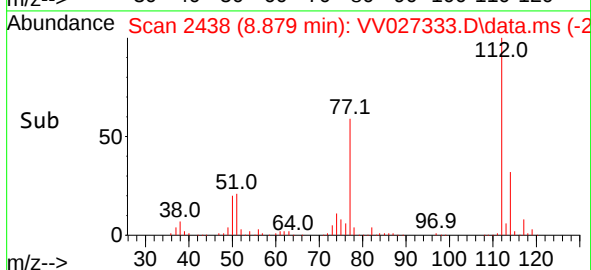
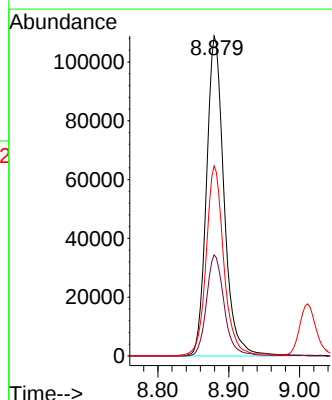
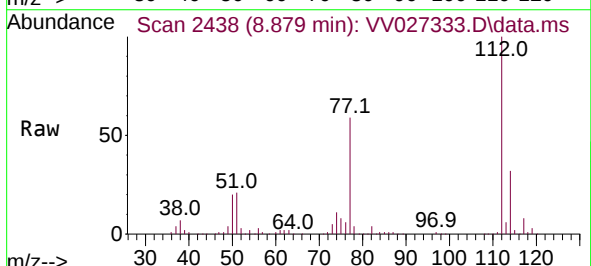
RT: 8.879 min Scan# 2438

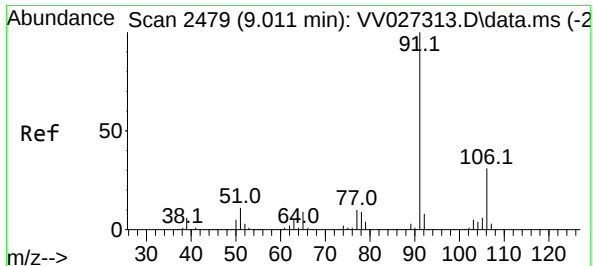
Delta R.T. 0.000 min

Lab File: VV027333.D

Acq: 12 Aug 2022 15:34

Tgt Ion:	112	Resp:	187290
Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.5	41.9
77	59.4	46.4	69.6





#52

Ethylbenzene

Concen: 4.653 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV027333.D

Acq: 12 Aug 2022 15:34

Instrument :

MSVOA_V

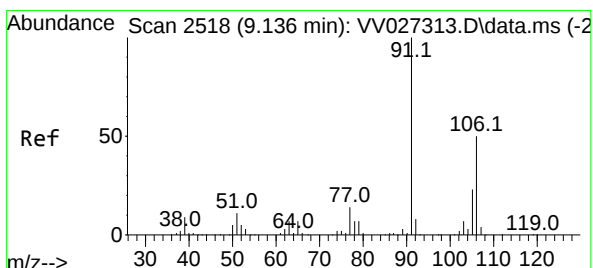
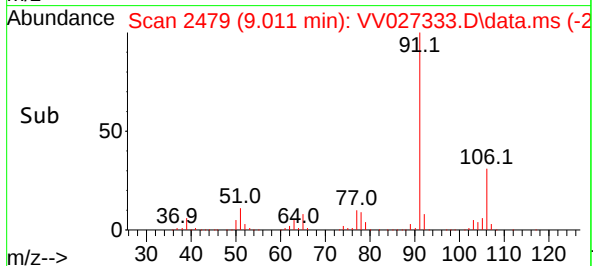
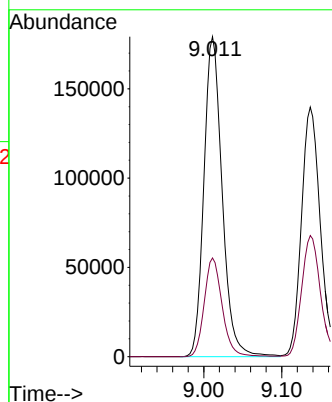
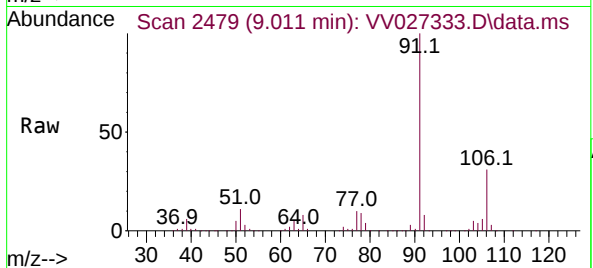
ClientSampleId :

Tgt Ion: 91 Resp: 291530

Ion Ratio Lower Upper

91 100

106 30.8 21.5 39.9



#53

m,p-Xylene

Concen: 4.807 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV027333.D

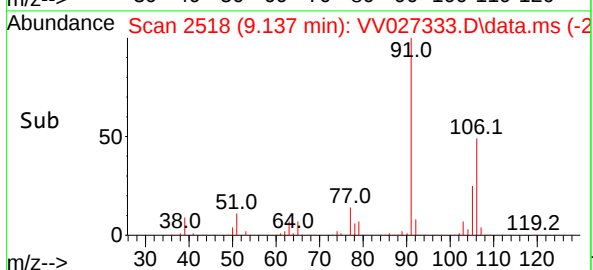
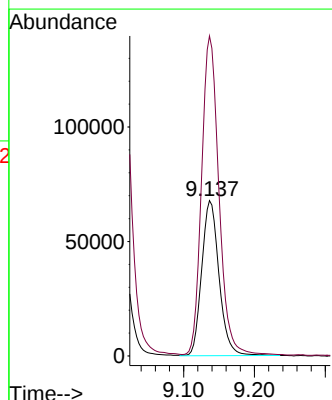
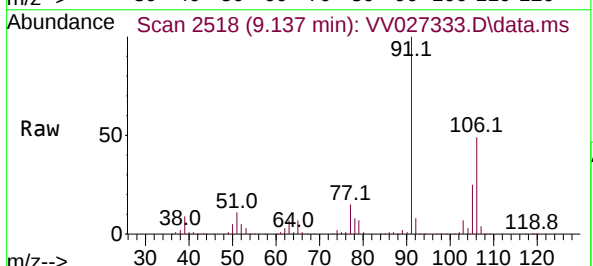
Acq: 12 Aug 2022 15:34

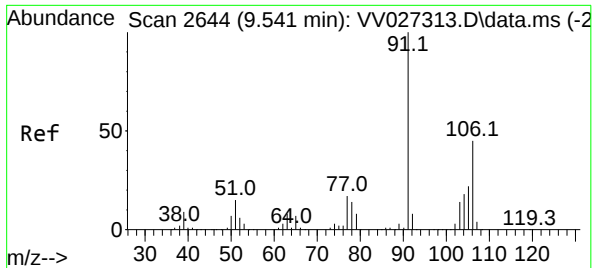
Tgt Ion: 106 Resp: 114875

Ion Ratio Lower Upper

106 100

91 206.0 141.5 262.9

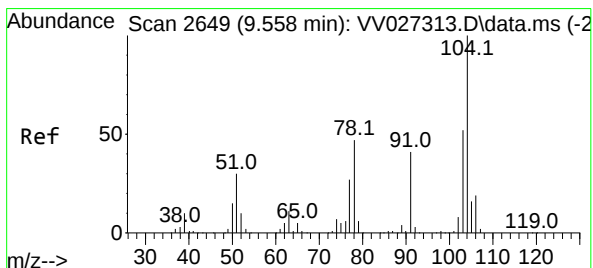
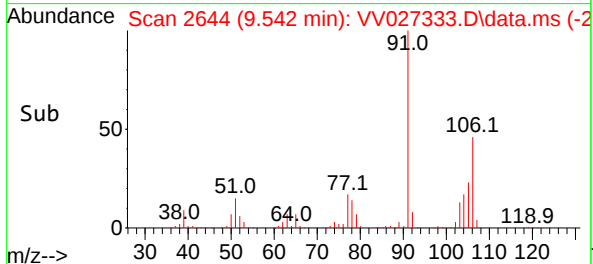
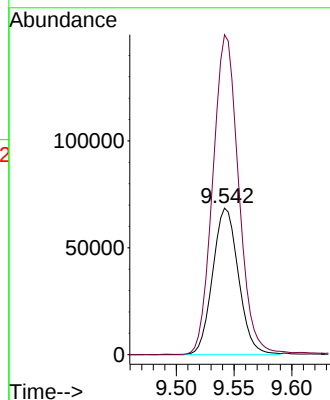
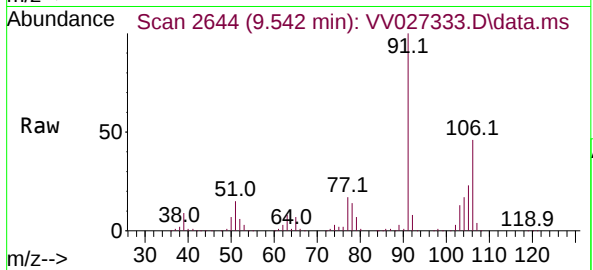




#54
o-Xylene
Concen: 4.561 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027333.D
Acq: 12 Aug 2022 15:34

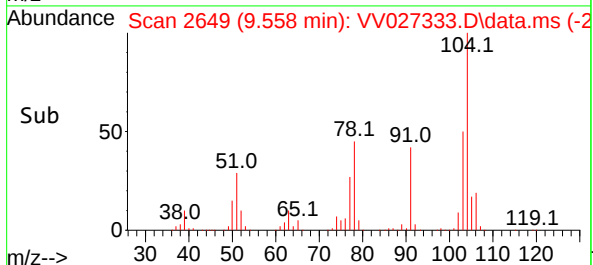
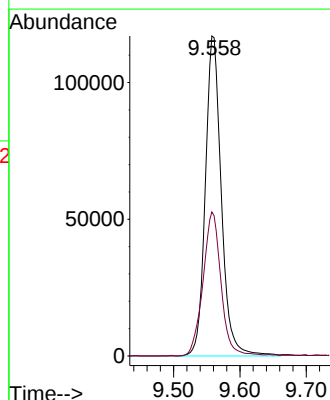
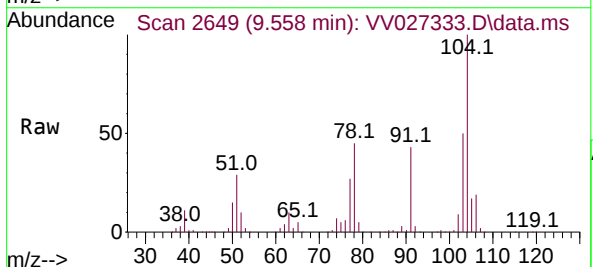
Instrument :
MSVOA_V
ClientSampleId :

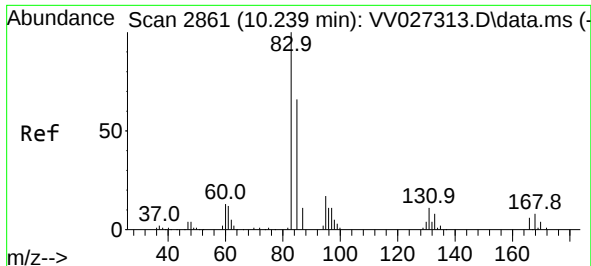
Tgt Ion:106 Resp: 106600
Ion Ratio Lower Upper
106 100
91 218.4 153.2 284.4



#55
Styrene
Concen: 4.885 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV027333.D
Acq: 12 Aug 2022 15:34

Tgt Ion:104 Resp: 196323
Ion Ratio Lower Upper
104 100
78 45.0 30.7 57.1

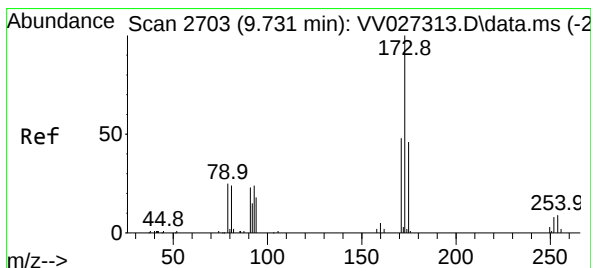
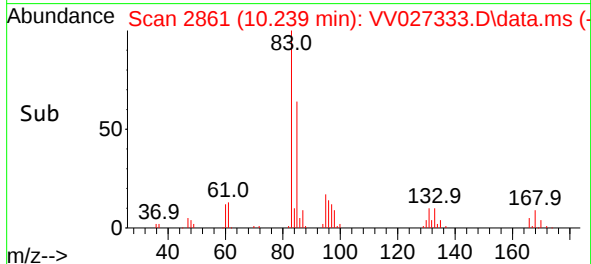
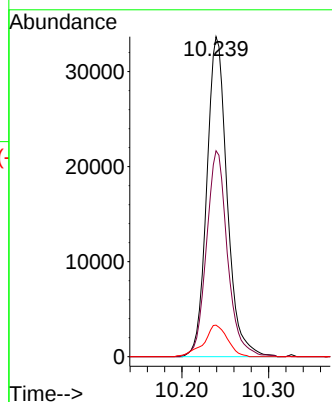
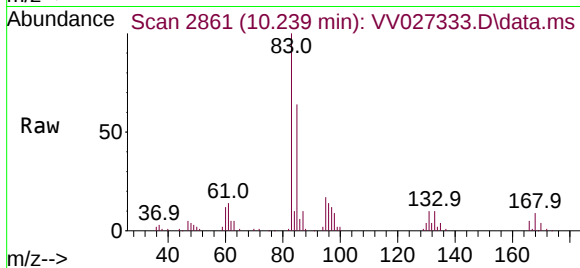




#57
1,1,2,2-Tetrachloroethane
Concen: 4.474 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV027333.D
Acq: 12 Aug 2022 15:34

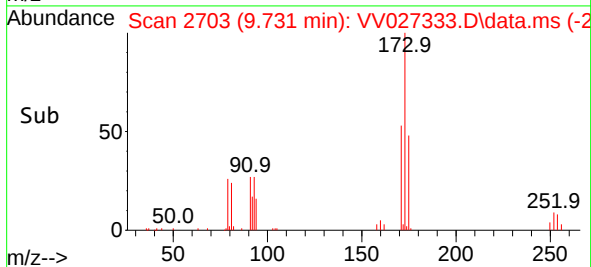
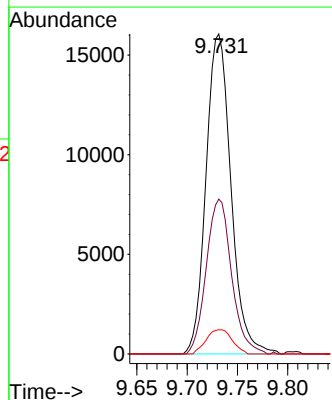
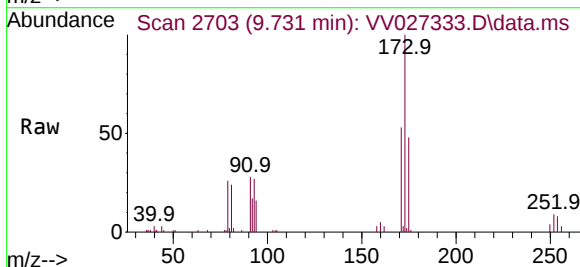
Instrument :
MSVOA_V
ClientSampleId :

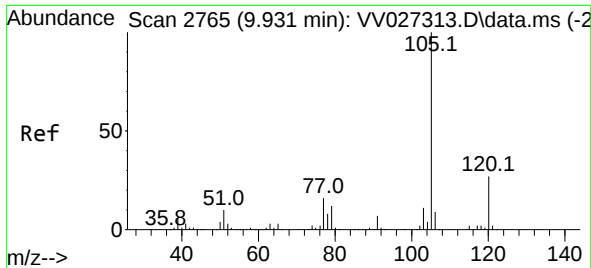
Tgt Ion: 83 Resp: 54927
Ion Ratio Lower Upper
83 100
85 64.3 43.3 80.3
131 9.8 7.7 11.5



#59
Bromoform
Concen: 4.160 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV027333.D
Acq: 12 Aug 2022 15:34

Tgt Ion: 173 Resp: 27741
Ion Ratio Lower Upper
173 100
175 49.0 38.2 57.2
254 7.9 6.5 9.7

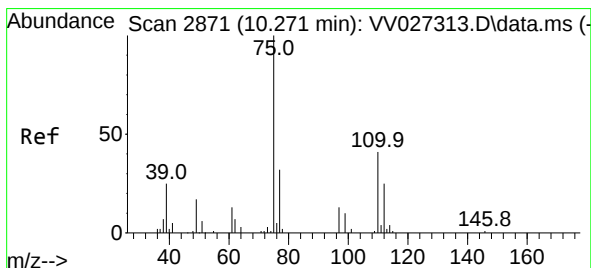
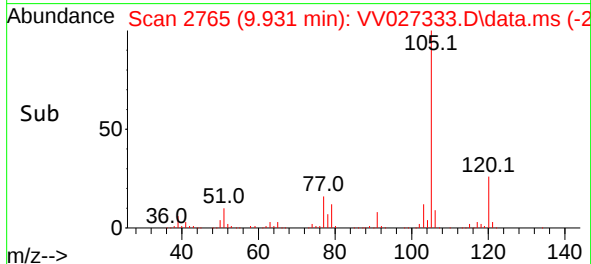
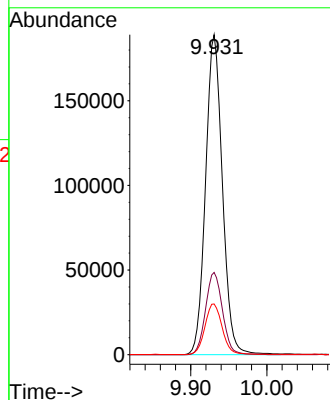
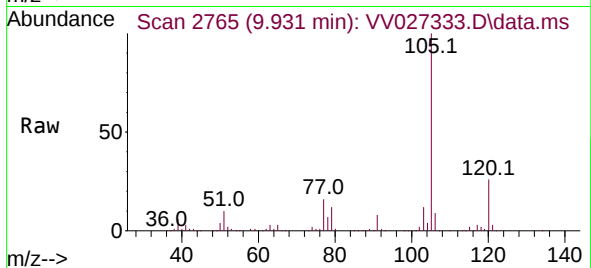




#60
Isopropylbenzene
Concen: 4.669 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV027333.D
Acq: 12 Aug 2022 15:34

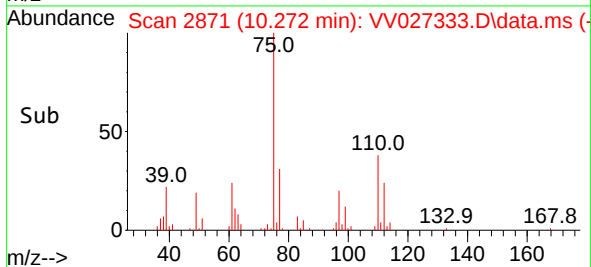
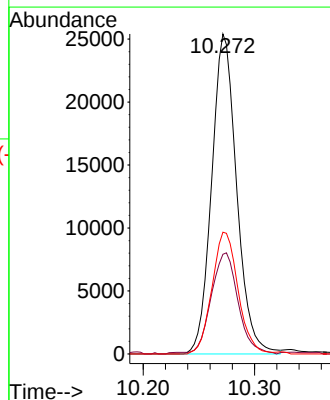
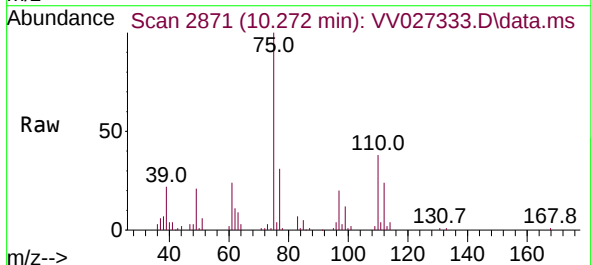
Instrument :
MSVOA_V
ClientSampleId :

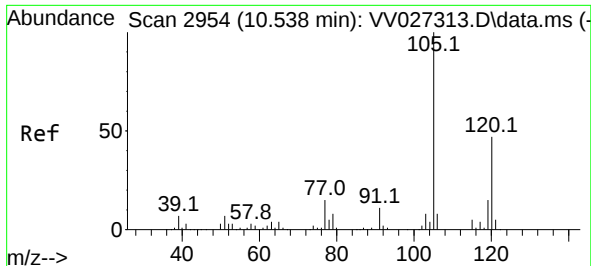
Tgt Ion:105 Resp: 290812
Ion Ratio Lower Upper
105 100
120 25.9 21.0 31.4
77 16.4 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 4.162 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027333.D
Acq: 12 Aug 2022 15:34

Tgt Ion: 75 Resp: 39636
Ion Ratio Lower Upper
75 100
77 33.9 26.6 39.8
110 39.7 31.0 46.6





#62

1,3,5-Trimethylbenzene

Concen: 4.238 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV027333.D

Acq: 12 Aug 2022 15:34

Instrument :

MSVOA_V

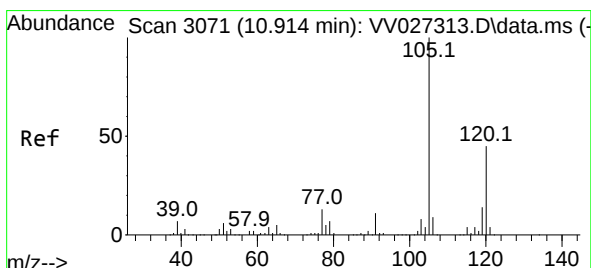
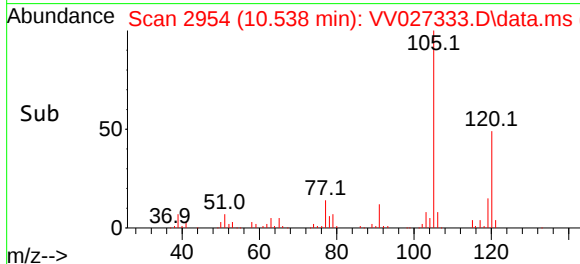
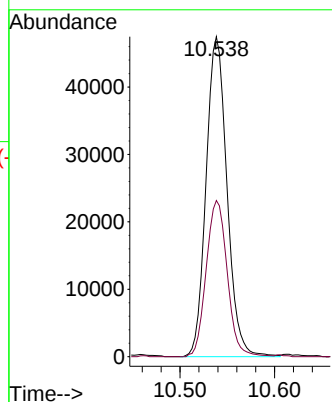
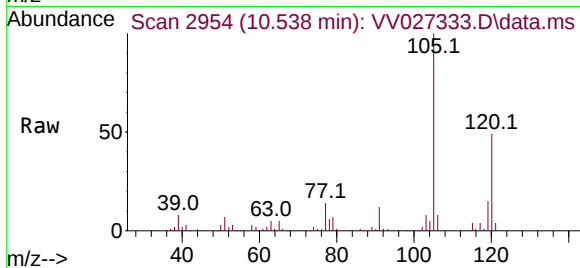
ClientSampleId :

Tgt Ion:105 Resp: 72960

Ion Ratio Lower Upper

105 100

120 49.1 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 4.390 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV027333.D

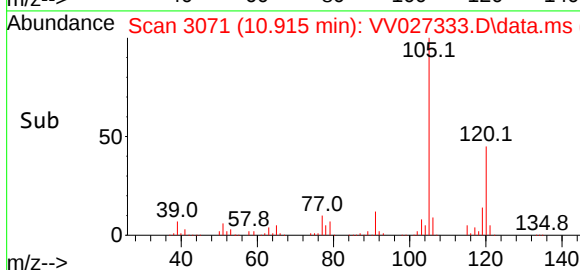
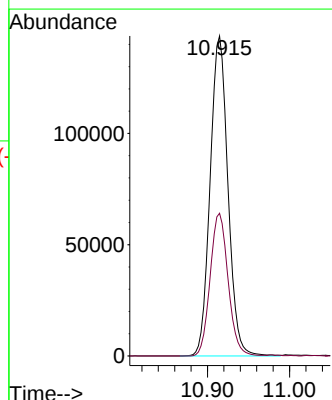
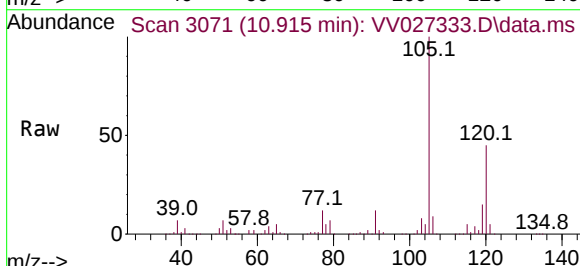
Acq: 12 Aug 2022 15:34

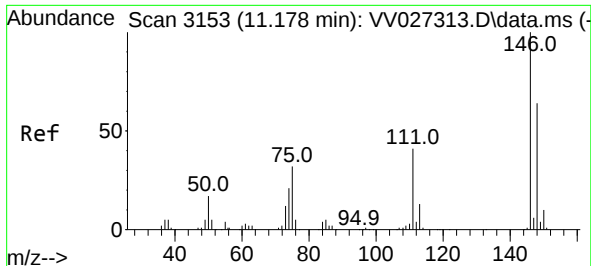
Tgt Ion:105 Resp: 216653

Ion Ratio Lower Upper

105 100

120 45.0 36.2 54.2

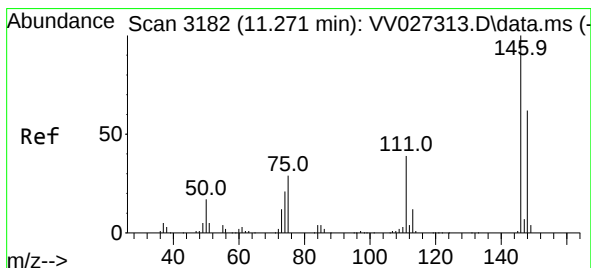
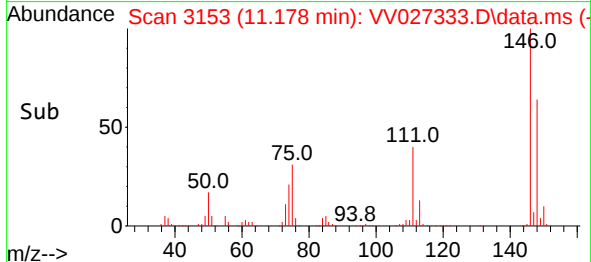
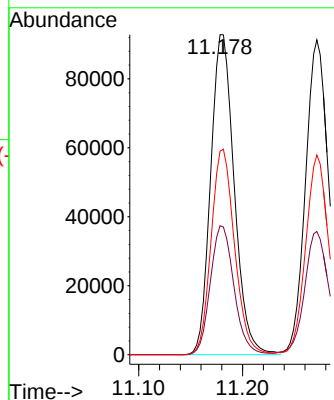
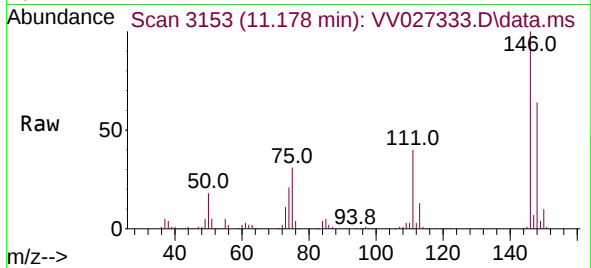




#64
1,3-Dichlorobenzene
Concen: 4.706 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV027333.D
Acq: 12 Aug 2022 15:34

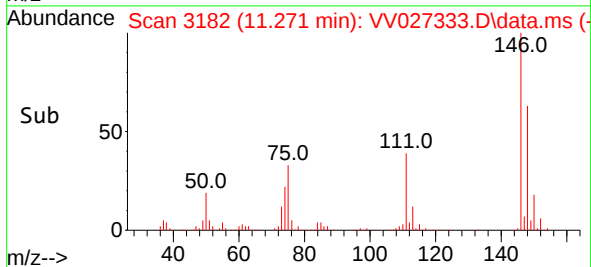
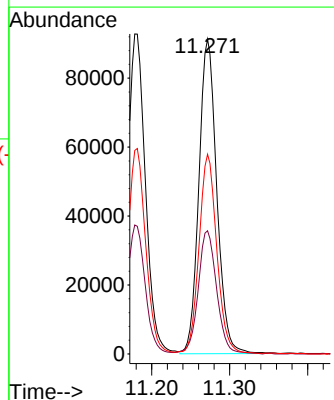
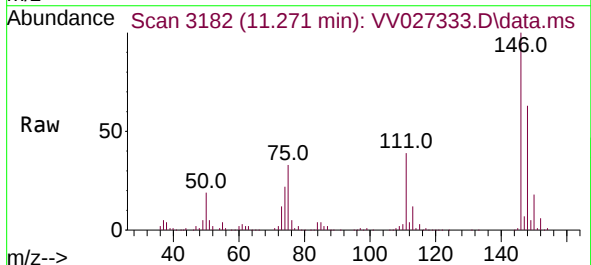
Instrument :
MSVOA_V
ClientSampleId :

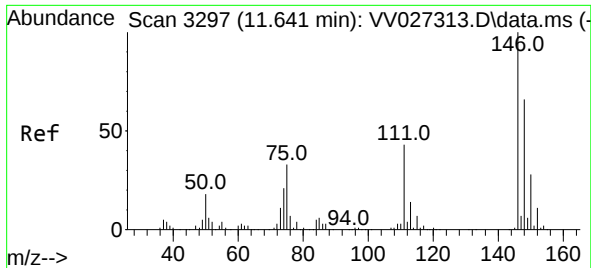
Tgt Ion:146 Resp: 146453
Ion Ratio Lower Upper
146 100
111 40.3 28.8 53.4
148 63.6 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 4.646 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV027333.D
Acq: 12 Aug 2022 15:34

Tgt Ion:146 Resp: 145485
Ion Ratio Lower Upper
146 100
111 39.1 27.4 51.0
148 63.4 43.3 80.5

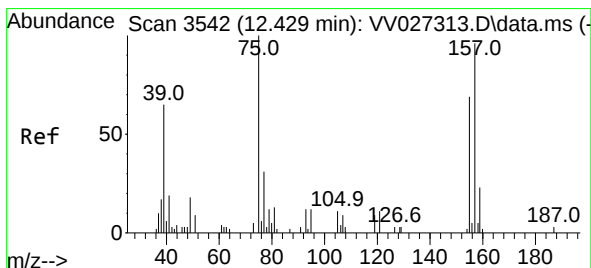
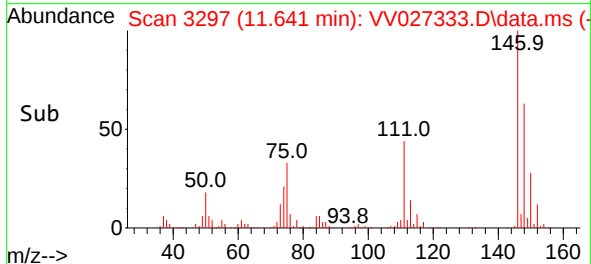
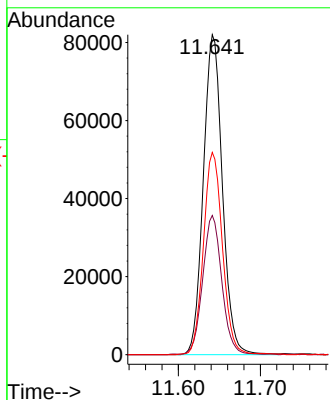
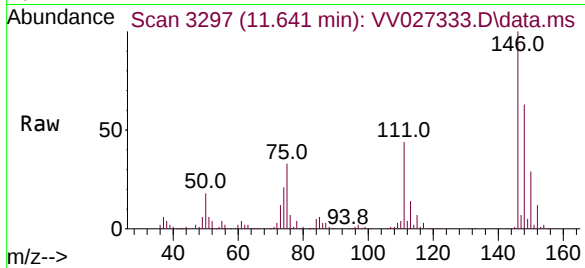




#67
1,2-Dichlorobenzene
Concen: 4.578 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV027333.D
Acq: 12 Aug 2022 15:34

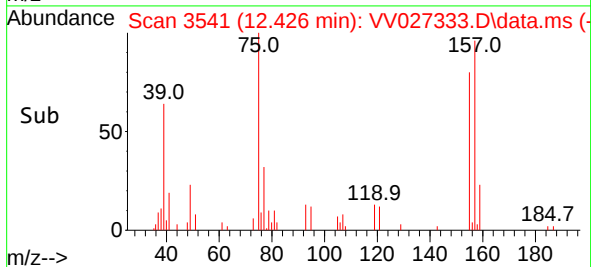
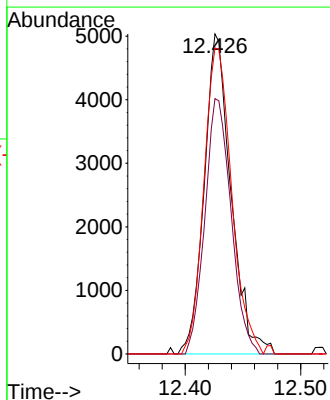
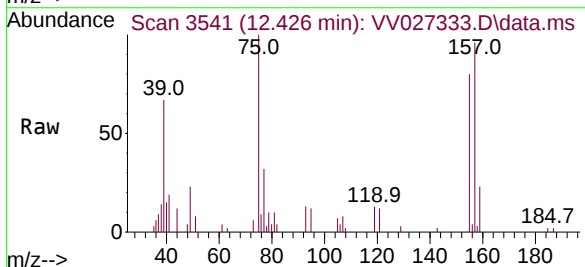
Instrument :
MSVOA_V
ClientSampleId :

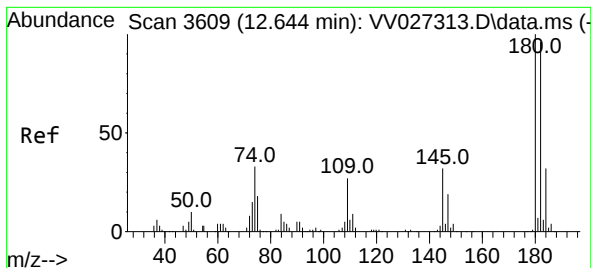
Tgt Ion:146 Resp: 132691
Ion Ratio Lower Upper
146 100
111 43.5 33.2 49.8
148 63.2 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 4.080 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VV027333.D
Acq: 12 Aug 2022 15:34

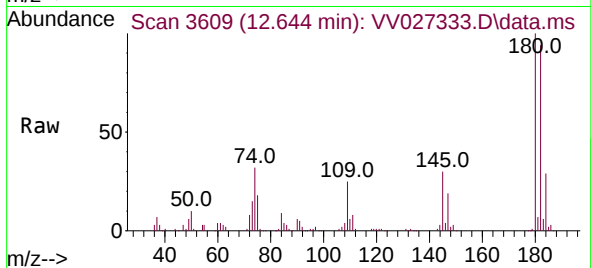
Tgt Ion: 75 Resp: 8118
Ion Ratio Lower Upper
75 100
155 79.8 65.8 98.6
157 95.7 73.0 109.4



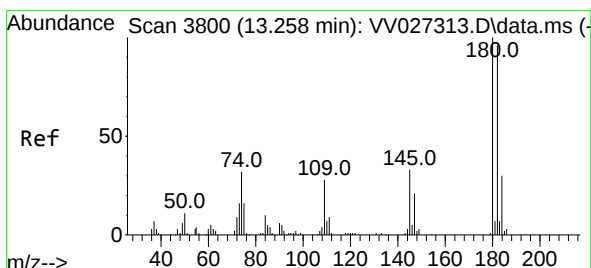
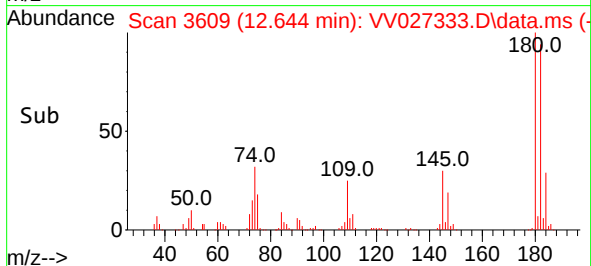
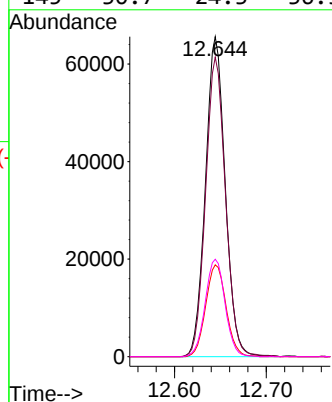


#69
 1,3,5-Trichlorobenzene
 Concen: 4.384 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV027333.D
 Acq: 12 Aug 2022 15:34

Instrument :
 MSVOA_V
 ClientSampleId :

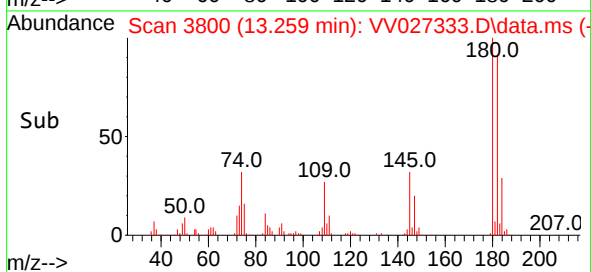
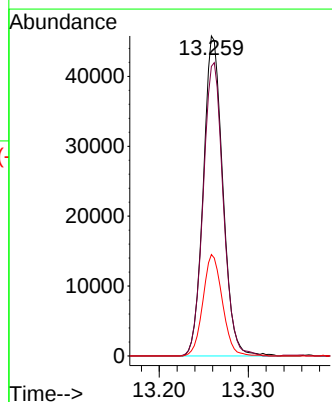
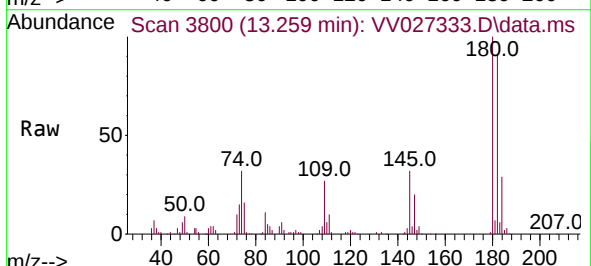


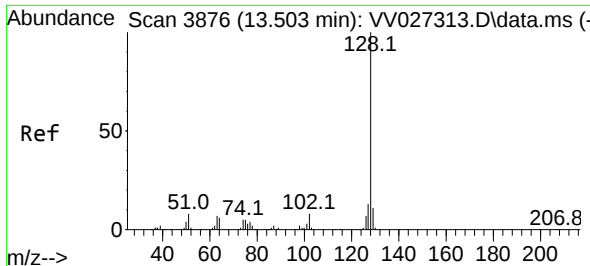
Tgt Ion:	180	Resp:	98374
Ion Ratio	Lower	Upper	
180	100		
182	94.1	74.7	112.1
184	29.6	23.3	34.9
145	30.7	24.3	36.5



#70
 1,2,4-trichlorobenzene
 Concen: 4.147 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV027333.D
 Acq: 12 Aug 2022 15:34

Tgt Ion:	180	Resp:	69549
Ion Ratio	Lower	Upper	
180	100		
182	94.4	77.4	116.0
145	31.5	24.9	37.3

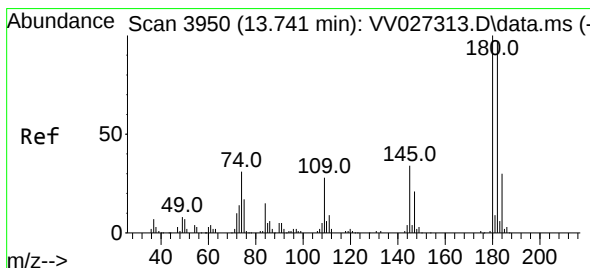
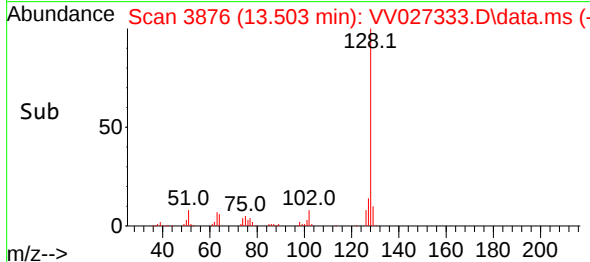
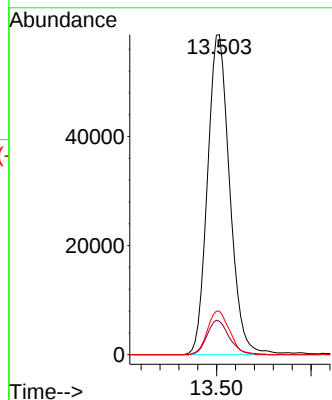
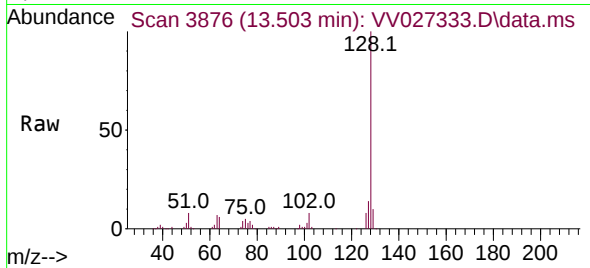




#71
Naphthalene
Concen: 3.691 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV027333.D
Acq: 12 Aug 2022 15:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128	Resp:	95634
Ion Ratio	Lower	Upper
128	100	
129	10.8	9.0 13.4
127	13.6	10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 4.231 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV027333.D
Acq: 12 Aug 2022 15:34

Tgt Ion:180	Resp:	66146
Ion Ratio	Lower	Upper
180	100	
182	92.5	73.8 110.6
145	31.8	27.0 40.4

