

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082422\
 Data File : VV027492.D
 Acq On : 24 Aug 2022 16:28
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 25 06:26:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 25 06:25:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	132016	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	130211	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	77873	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	38095	4.055	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.565	69	39016	5.674	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.400%
11) 1,1-Dichloroethene-d2	2.105	63	99392	4.537	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	3.886	46	52137	44.589	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.180%
24) Chloroform-d	4.343	84	84328	4.489	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.027	65	37182	4.575	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.043	84	158627	4.398	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.063	67	42805	4.082	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.600%
41) Toluene-d8	7.310	98	153028	4.699	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	7.619	79	16117	4.489	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.088	63	53428	45.207	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.420%
56) 1,1,2,2-Tetrachloroeth...	10.211	84	31835	4.767	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	48679	4.217	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	69945	4.993	ug/L	98
3) Chloromethane	1.240	50	56745	4.639	ug/L	98
5) Vinyl chloride	1.307	62	60987	4.953	ug/L	96
6) Bromomethane	1.520	94	39518	6.490	ug/L	100
8) Chloroethane	1.581	64	47346	6.579	ug/L	100
9) Trichlorofluoromethane	1.751	101	108572	5.550	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	60687	5.495	ug/L	96
12) 1,1-Dichloroethene	2.114	96	53355	5.341	ug/L	98
13) Acetone	2.172	43	56441	50.544	ug/L	98
14) Carbon disulfide	2.288	76	125046	4.561	ug/L	100
15) Methyl Acetate	2.433	43	11479	3.712	ug/L #	73
16) Methylene chloride	2.500	84	61913	4.111	ug/L	96
17) Methyl tert-butyl Ether	2.764	73	97581	4.722	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	48981	4.760	ug/L	98
19) 1,1-Dichloroethane	3.182	63	100097	4.699	ug/L	100
21) 2-Butanone	3.966	43	67345	45.317	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	50207	4.578	ug/L	97
23) Bromochloromethane	4.243	128	22448	4.642	ug/L	87
25) Chloroform	4.365	83	109519	4.728	ug/L	97

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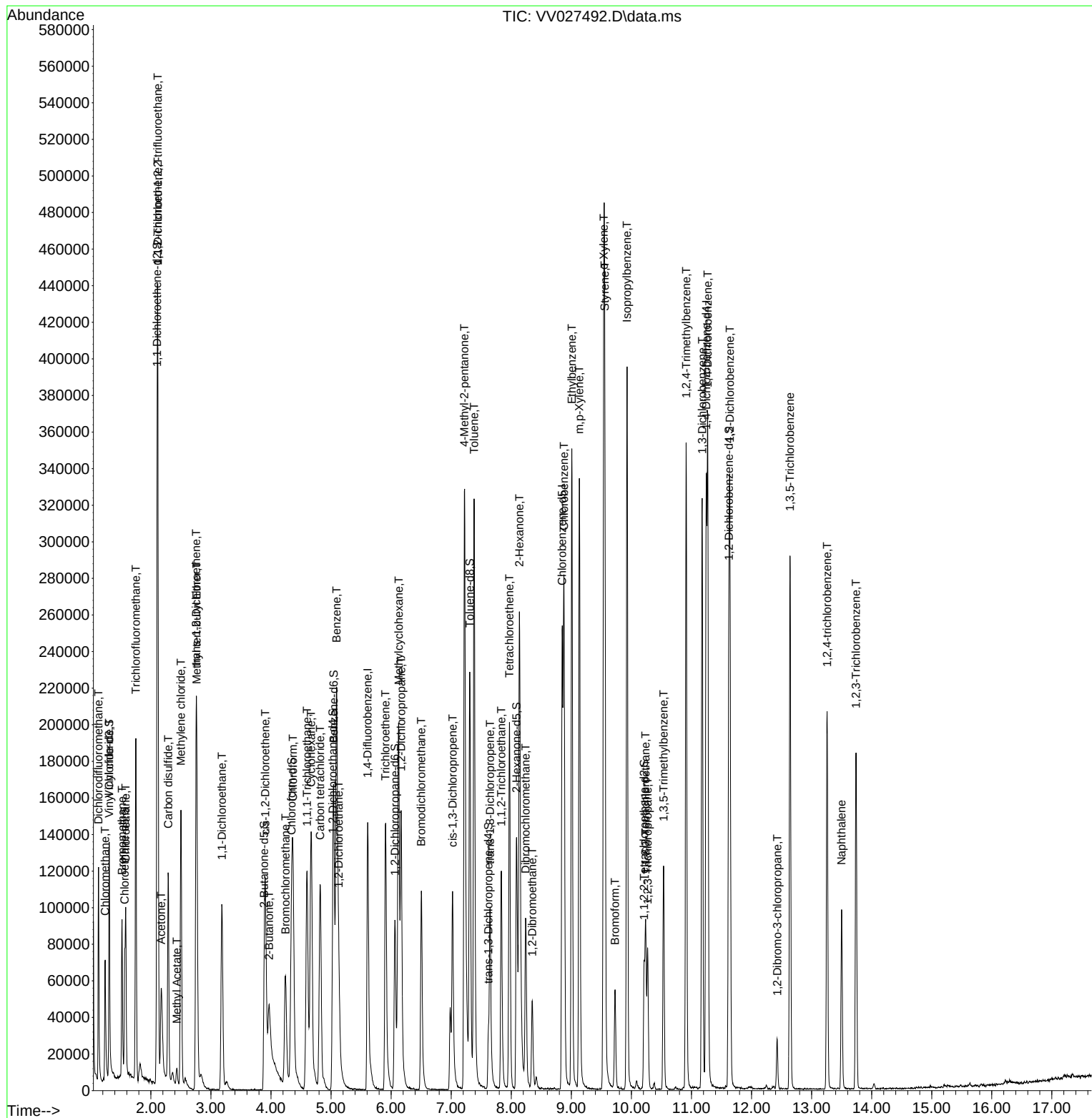
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	58048	4.932	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	101580	5.082	ug/L	97
30) Cyclohexane	4.667	56	67313	4.388	ug/L	94
31) Carbon tetrachloride	4.818	117	89537	5.152	ug/L	98
33) Benzene	5.092	78	225098	5.199	ug/L	100
34) Trichloroethene	5.905	95	54936	4.822	ug/L	98
35) Methylcyclohexane	6.127	83	78279	4.885	ug/L	97
37) 1,2-Dichloropropane	6.169	63	56150	4.865	ug/L	100
38) Bromodichloromethane	6.503	83	75336	5.148	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	68026	4.888	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	252916	49.044	ug/L	97
42) Toluene	7.381	91	236780	5.299	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	59127	5.026	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	38129	5.167	ug/L	95
47) Tetrachloroethene	7.969	164	44708	5.037	ug/L	98
48) 2-Hexanone	8.137	43	190777	51.340	ug/L	98
49) Dibromochloromethane	8.240	129	48419	5.336	ug/L	96
50) 1,2-Dibromoethane	8.349	107	34312	5.327	ug/L	92
51) Chlorobenzene	8.876	112	146687	5.072	ug/L	97
52) Ethylbenzene	9.008	91	236140	5.177	ug/L	100
53) m,p-Xylene	9.133	106	92160	5.280	ug/L	98
54) o-Xylene	9.539	106	92439	5.460	ug/L	99
55) Styrene	9.558	104	163119	5.663	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.236	83	43086	5.184	ug/L	99
59) Bromoform	9.728	173	24631	4.719	ug/L	97
60) Isopropylbenzene	9.928	105	241247	4.708	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	30542	4.471	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	65682	4.623	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	183768	4.591	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	128262	5.081	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	129754	5.156	ug/L	97
67) 1,2-Dichlorobenzene	11.638	146	113763	4.970	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.429	75	6942	4.574	ug/L	94
69) 1,3,5-Trichlorobenzene	12.641	180	87764	4.657	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	62581	4.570	ug/L	100
71) Naphthalene	13.500	128	76330	4.038	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	55821	4.590	ug/L	99

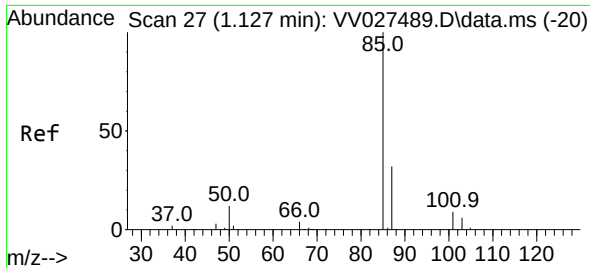
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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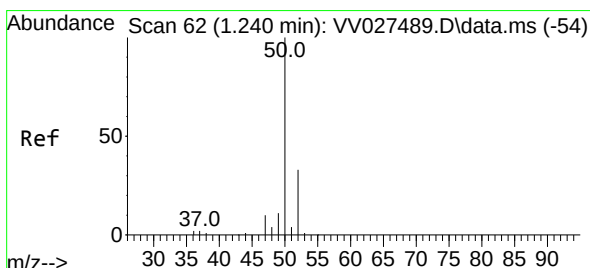
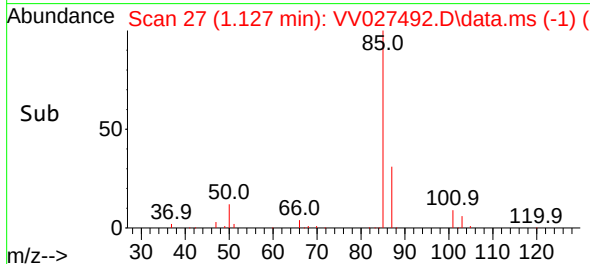
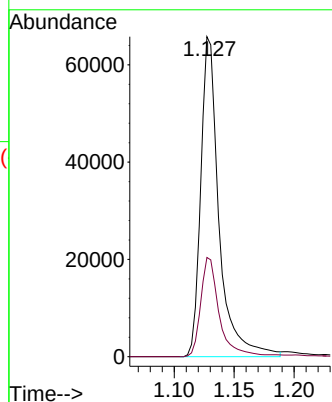
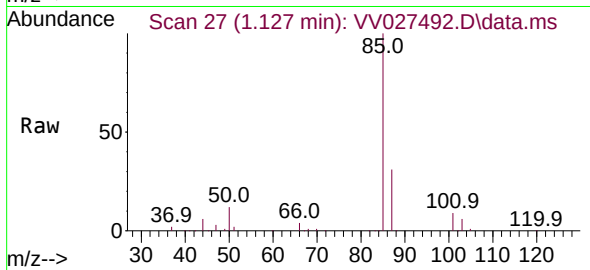




#2
 Dichlorodifluoromethane
 Concen: 4.993 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027492.D
 Acq: 24 Aug 2022 16:28

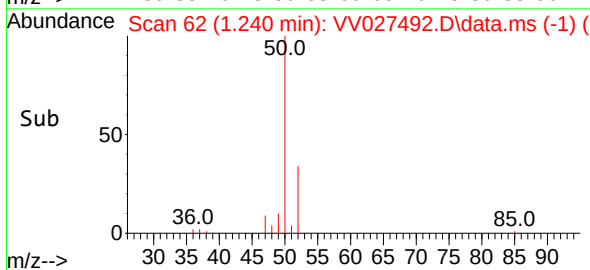
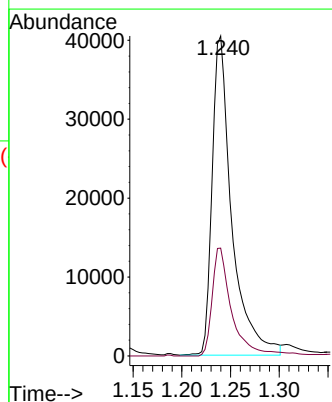
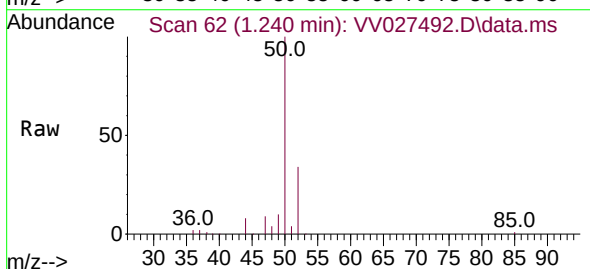
Instrument :
 MSVOA_V
 ClientSampleId :

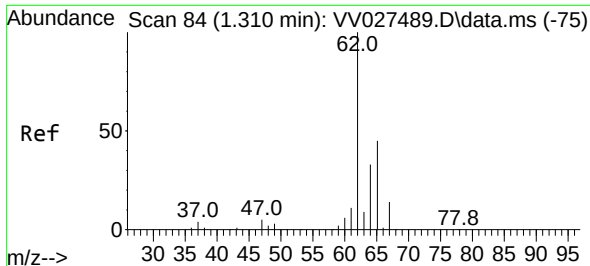
Tgt Ion: 85 Resp: 69945
 Ion Ratio Lower Upper
 85 100
 87 31.3 26.0 39.0



#3
 Chloromethane
 Concen: 4.639 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV027492.D
 Acq: 24 Aug 2022 16:28

Tgt Ion: 50 Resp: 56745
 Ion Ratio Lower Upper
 50 100
 52 33.7 22.8 42.4

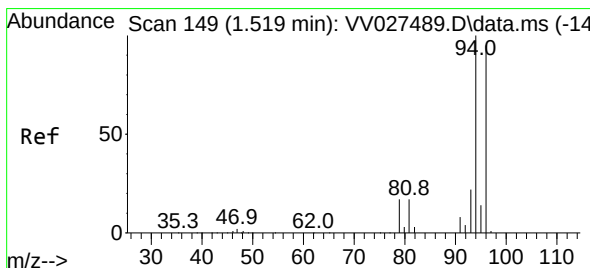
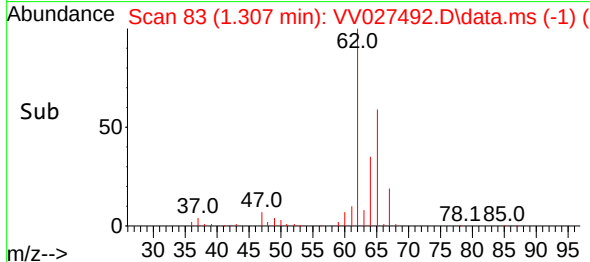
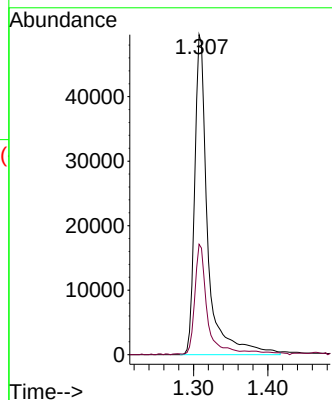
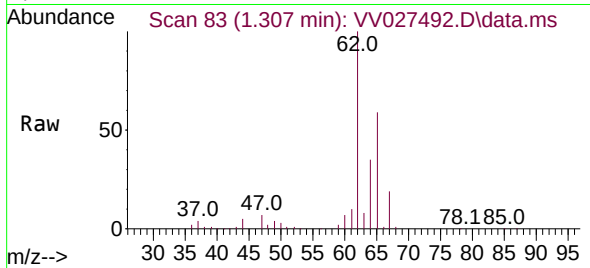




#5
 Vinyl chloride
 Concen: 4.953 ug/L
 RT: 1.307 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV027492.D
 Acq: 24 Aug 2022 16:28

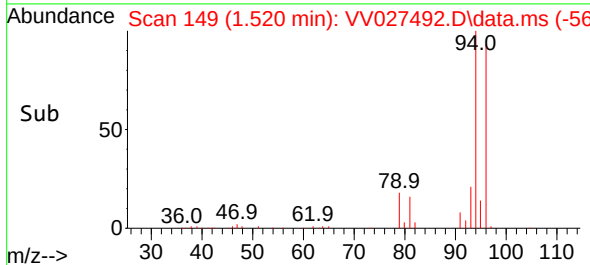
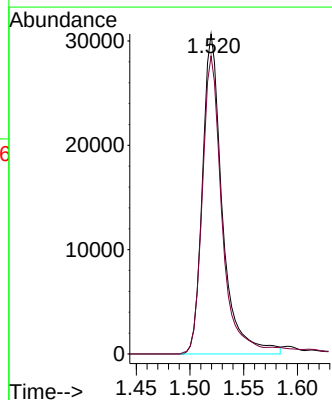
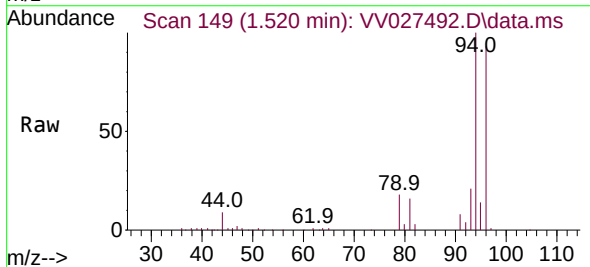
Instrument :
 MSVOA_V
 ClientSampleId :

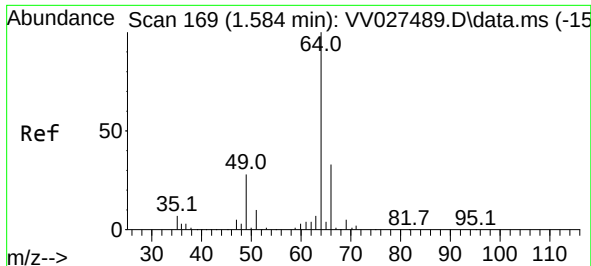
Tgt Ion: 62 Resp: 60987
 Ion Ratio Lower Upper
 62 100
 64 34.5 22.6 42.0



#6
 Bromomethane
 Concen: 6.490 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV027492.D
 Acq: 24 Aug 2022 16:28

Tgt Ion: 94 Resp: 39518
 Ion Ratio Lower Upper
 94 100
 96 93.2 65.2 121.0





#8

Chloroethane

Concen: 6.579 ug/L

RT: 1.581 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV027492.D

Acq: 24 Aug 2022 16:28

Instrument :

MSVOA_V

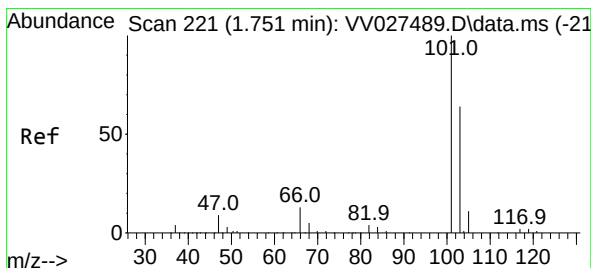
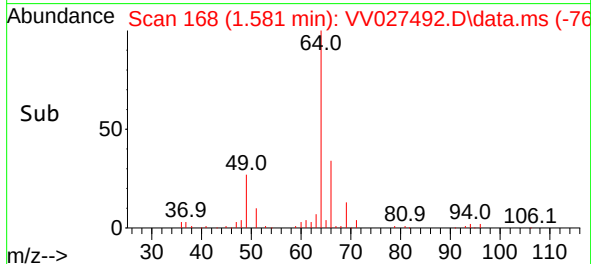
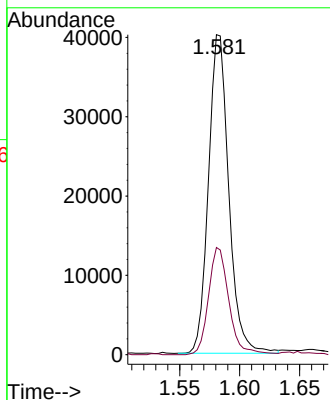
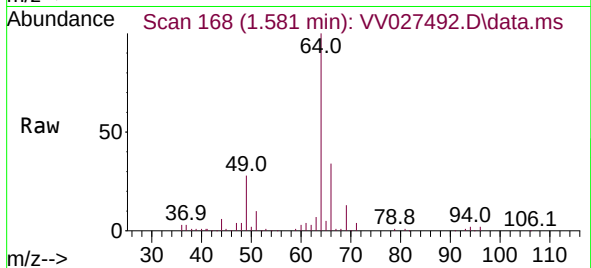
ClientSampleId :

Tgt Ion: 64 Resp: 47346

Ion Ratio Lower Upper

64 100

66 33.5 23.3 43.3



#9

Trichlorofluoromethane

Concen: 5.550 ug/L

RT: 1.751 min Scan# 221

Delta R.T. 0.000 min

Lab File: VV027492.D

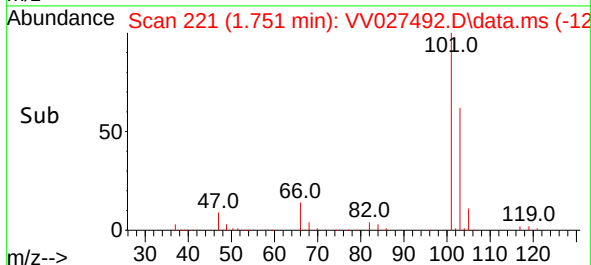
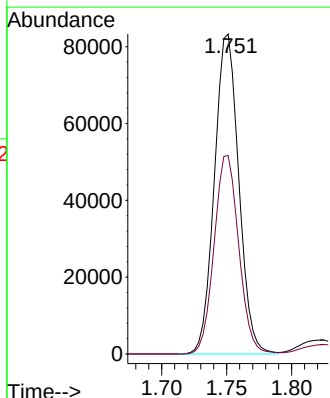
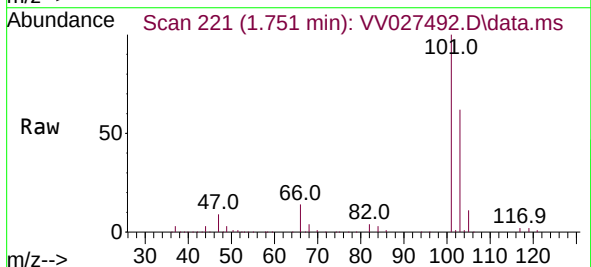
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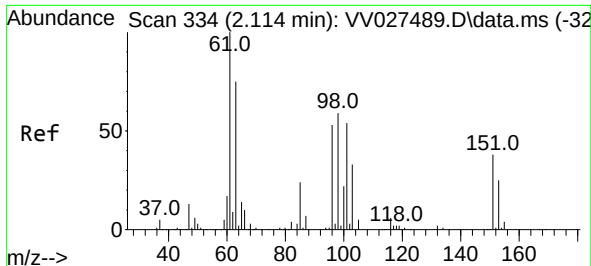
Tgt Ion:101 Resp: 108572

Ion Ratio Lower Upper

101 100

103 62.8 51.5 77.3





#10

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

Concen: 5.495 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV027492.D

Acq: 24 Aug 2022 16:28

Instrument :

MSVOA_V

ClientSampleId :

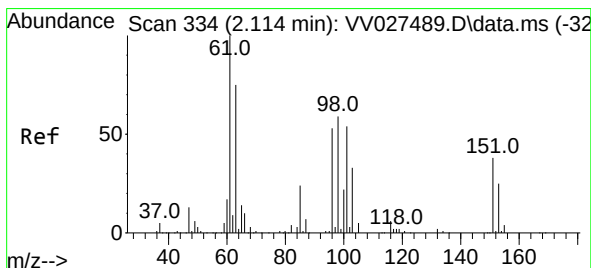
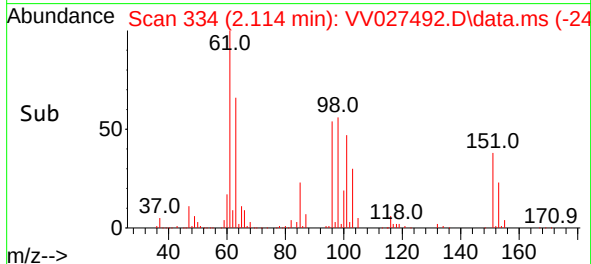
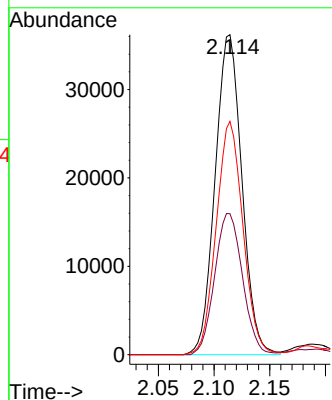
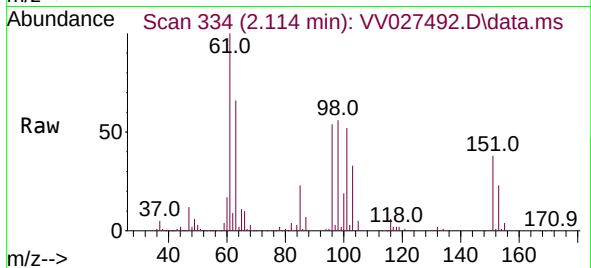
Tgt Ion:101 Resp: 60687

Ion Ratio Lower Upper

101 100

85 45.8 35.3 52.9

151 72.9 55.2 82.8



#12

1,1-Dichloroethene

Concen: 5.341 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV027492.D

Acq: 24 Aug 2022 16:28

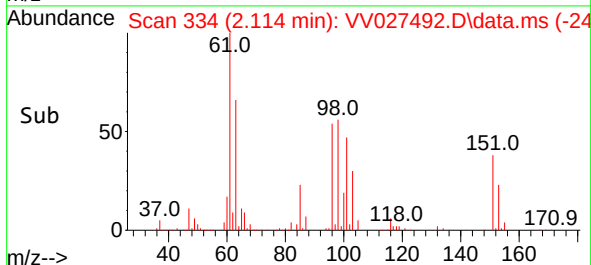
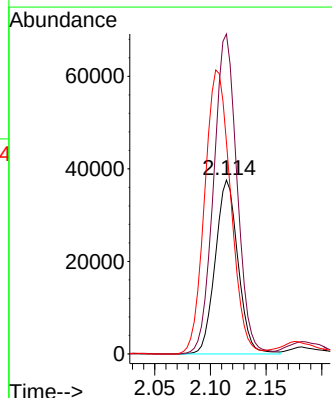
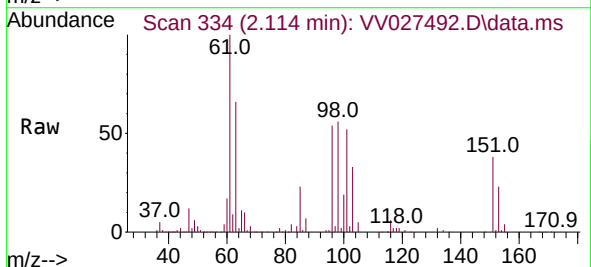
Tgt Ion: 96 Resp: 53355

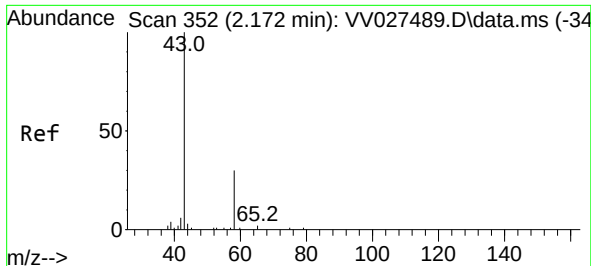
Ion Ratio Lower Upper

96 100

61 184.0 130.2 241.8

63 121.9 87.4 162.4





#13

Acetone

Concen: 50.544 ug/L

RT: 2.172 min Scan# 3

Delta R.T. 0.000 min

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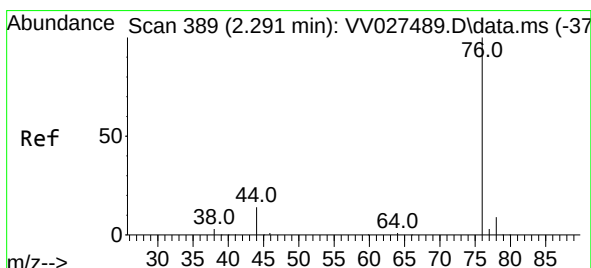
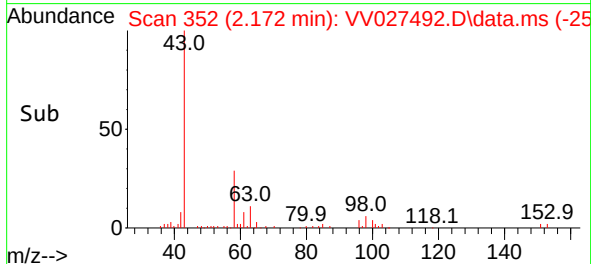
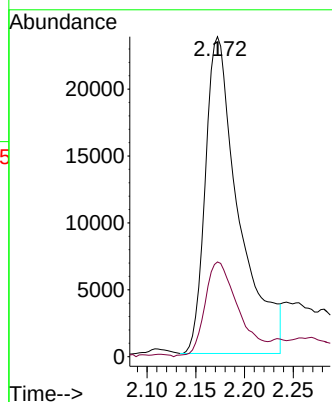
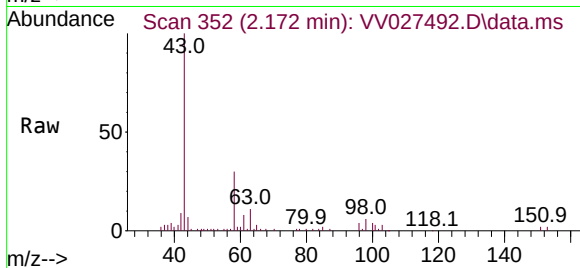
ClientSampleId :

Tgt Ion: 43 Resp: 56441

Ion Ratio Lower Upper

43 100

58 30.2 0.0 62.2



#14

Carbon disulfide

Concen: 4.561 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.003 min

Lab File: VV027492.D

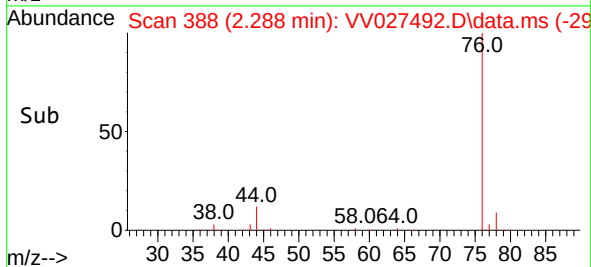
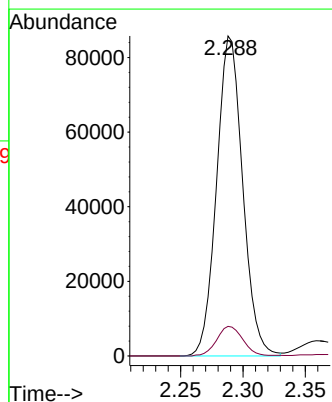
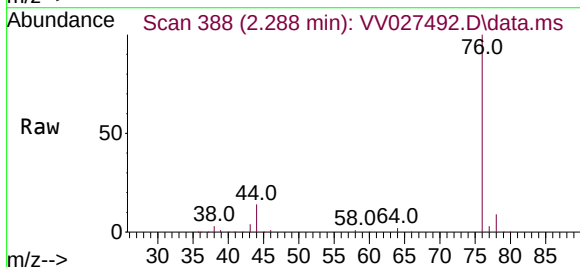
Acq: 24 Aug 2022 16:28

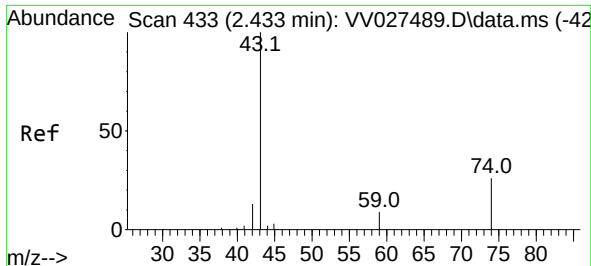
Tgt Ion: 76 Resp: 125046

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

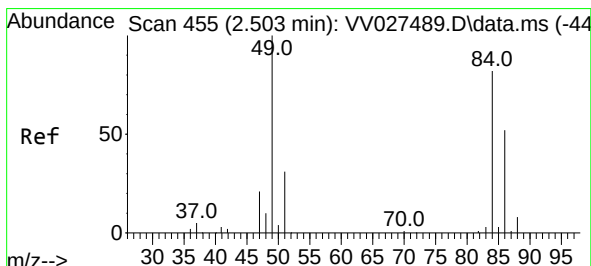
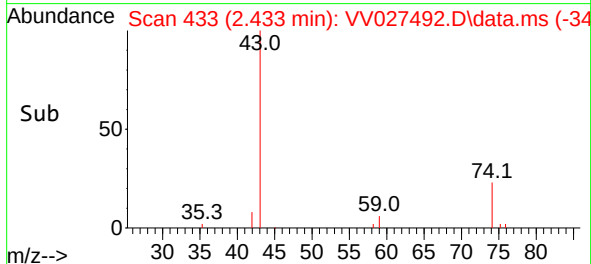
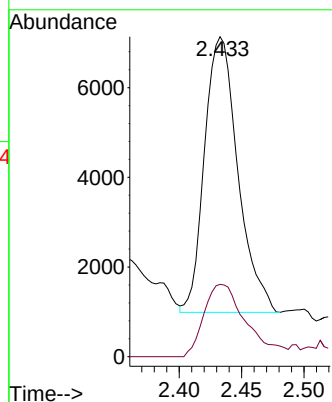
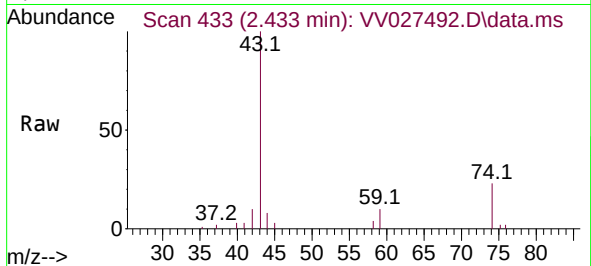




#15
Methyl Acetate
Concen: 3.712 ug/L
RT: 2.433 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV027492.D
Acq: 24 Aug 2022 16:28

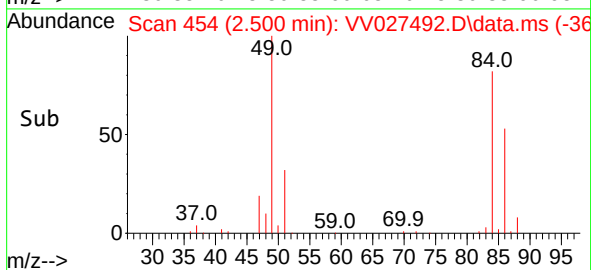
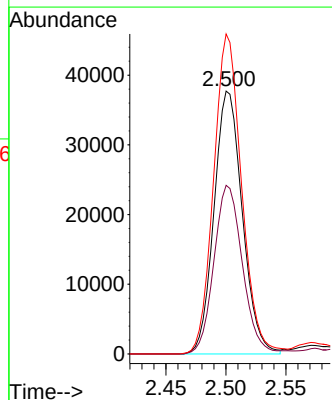
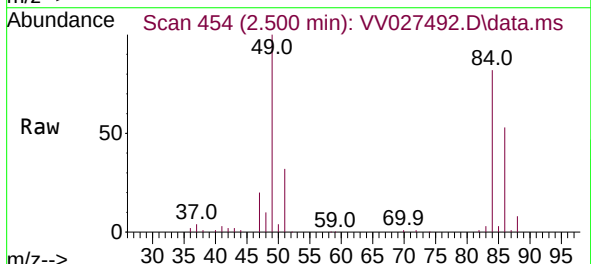
Instrument :
MSVOA_V
ClientSampleId :

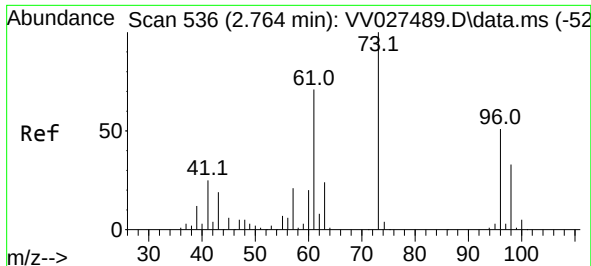
Tgt Ion: 43 Resp: 11479
Ion Ratio Lower Upper
43 100
74 33.0 16.3 24.5#



#16
Methylene chloride
Concen: 4.111 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.003 min
Lab File: VV027492.D
Acq: 24 Aug 2022 16:28

Tgt Ion: 84 Resp: 61913
Ion Ratio Lower Upper
84 100
86 64.1 44.0 81.6
49 121.7 89.4 166.0

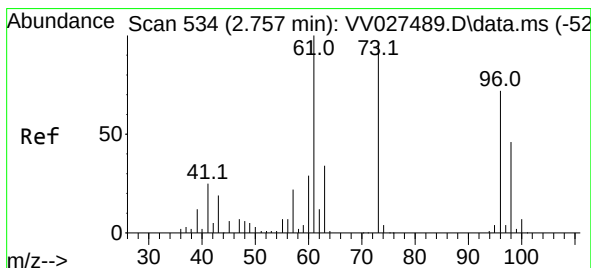
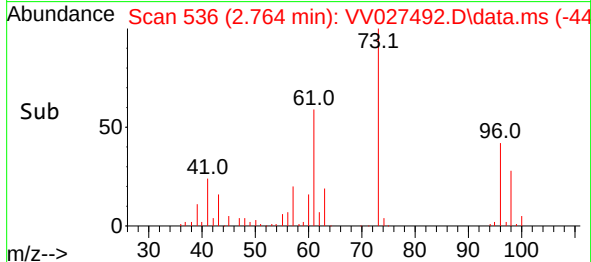
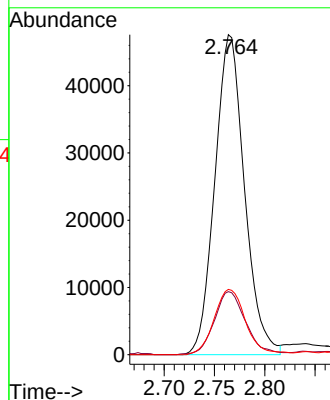
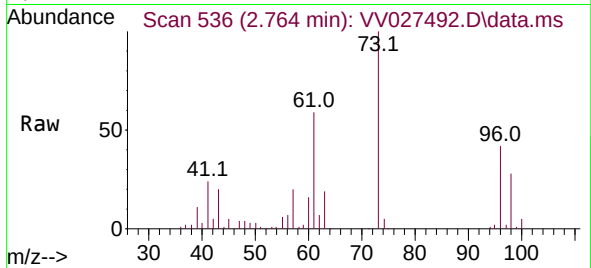




#17
Methyl tert-butyl Ether
Concen: 4.722 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV027492.D
Acq: 24 Aug 2022 16:28

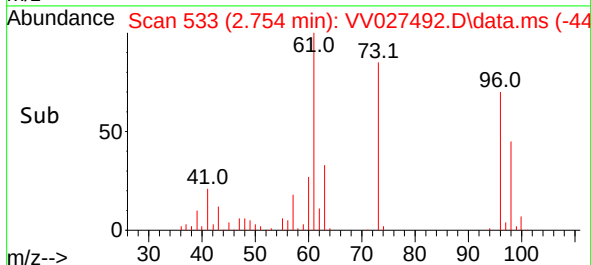
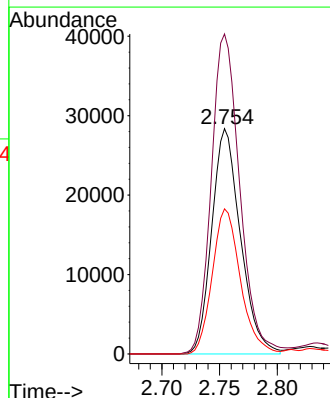
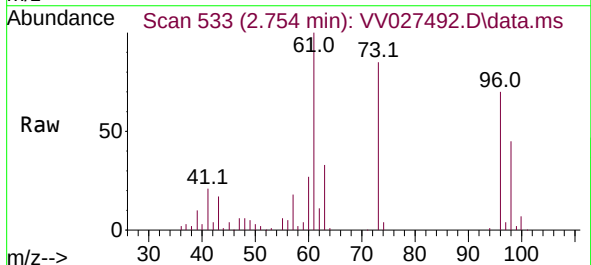
Instrument :
MSVOA_V
ClientSampleId :

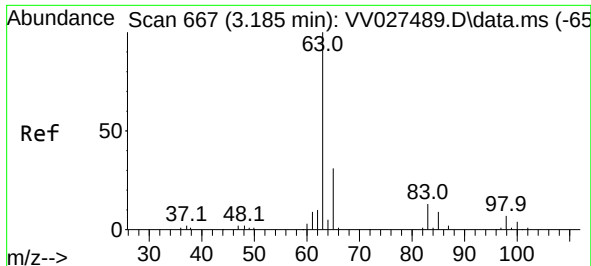
Tgt Ion: 73 Resp: 97581
Ion Ratio Lower Upper
73 100
43 20.9 15.6 23.4
57 21.7 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 4.760 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.003 min
Lab File: VV027492.D
Acq: 24 Aug 2022 16:28

Tgt Ion: 96 Resp: 48981
Ion Ratio Lower Upper
96 100
61 142.1 97.6 181.4
98 64.5 45.9 85.3





#19

1,1-Dichloroethane

Concen: 4.699 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV027492.D

Acq: 24 Aug 2022 16:28

Instrument :

MSVOA_V

ClientSampleId :

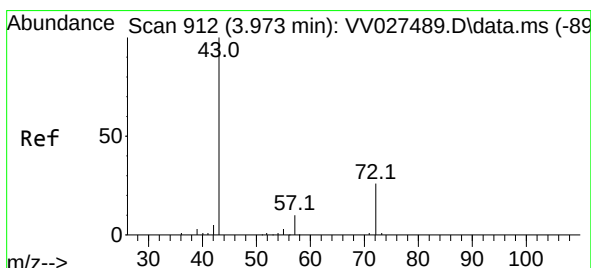
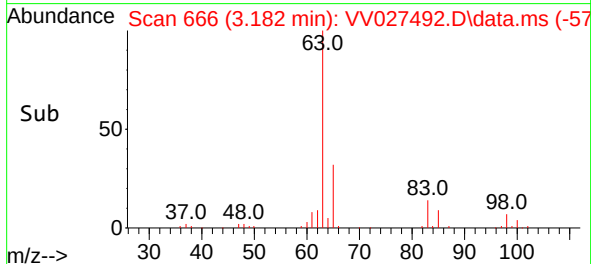
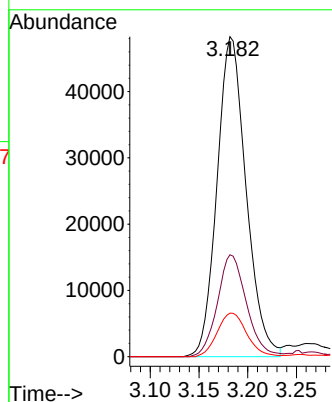
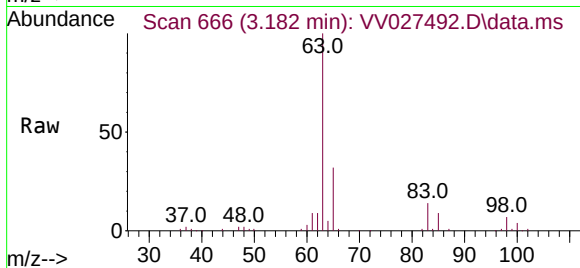
Tgt Ion: 63 Resp: 100097

Ion Ratio Lower Upper

63 100

65 31.9 22.1 41.1

83 13.6 9.6 17.8



#21

2-Butanone

Concen: 45.317 ug/L

RT: 3.966 min Scan# 910

Delta R.T. -0.006 min

Lab File: VV027492.D

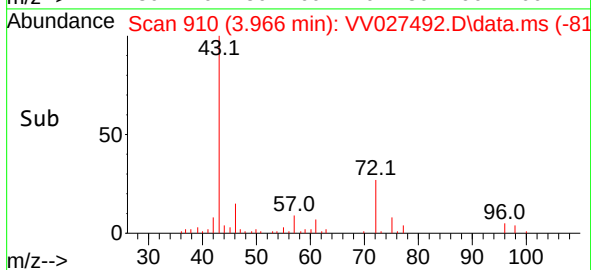
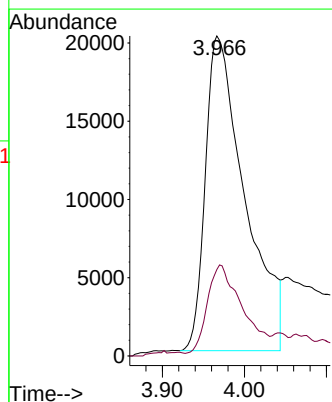
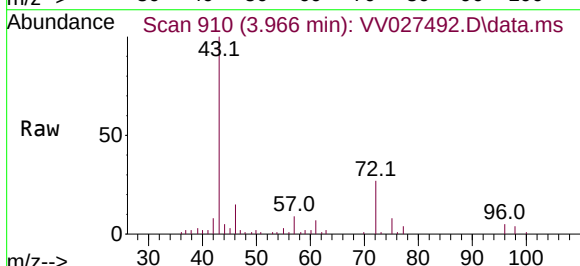
Acq: 24 Aug 2022 16:28

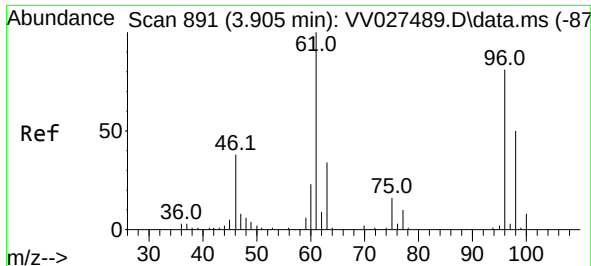
Tgt Ion: 43 Resp: 67345

Ion Ratio Lower Upper

43 100

72 24.7 12.0 36.1



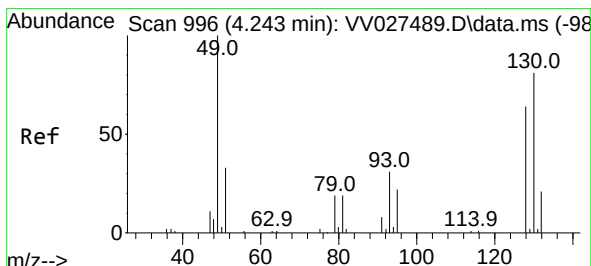
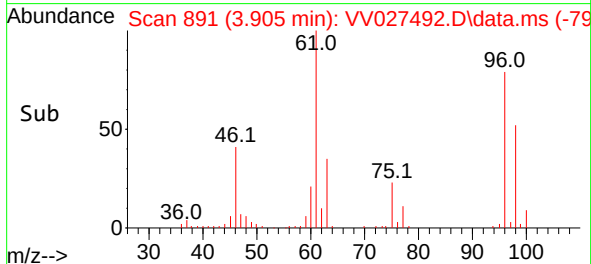
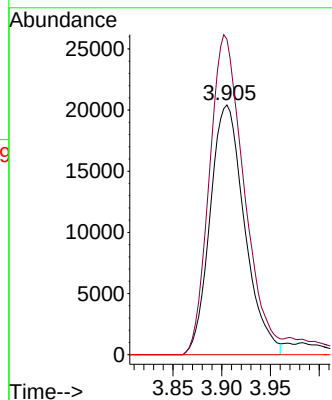
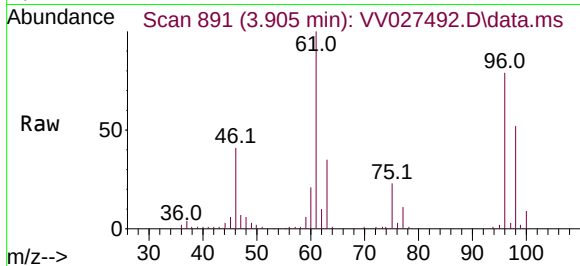


#22
 cis-1,2-Dichloroethene
 Concen: 4.578 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.000 min
 Lab File: VV027492.D
 Acq: 24 Aug 2022 16:28

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 96 Resp: 50207

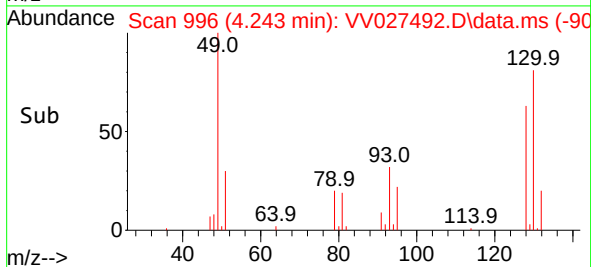
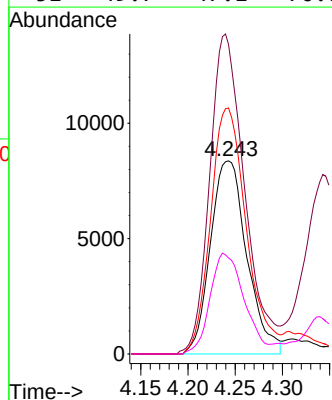
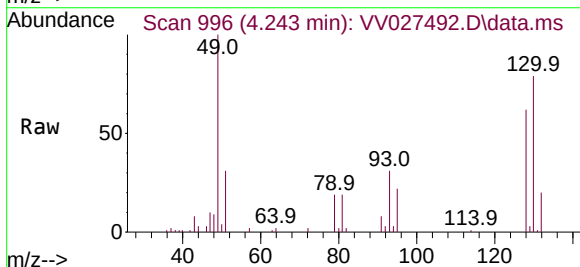
Ion	Ratio	Lower	Upper
96	100		
61	126.4	90.6	168.2
68	0.0	0.0	0.0

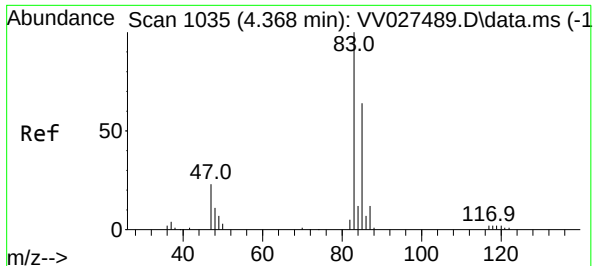


#23
 Bromochloromethane
 Concen: 4.642 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VV027492.D
 Acq: 24 Aug 2022 16:28

Tgt Ion: 128 Resp: 22448

Ion	Ratio	Lower	Upper
128	100		
49	160.4	127.5	236.7
130	127.3	97.0	180.2
51	49.7	47.1	70.7





#25

Chloroform

Concen: 4.728 ug/L

RT: 4.365 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VV027492.D

Acq: 24 Aug 2022 16:28

Instrument :

MSVOA_V

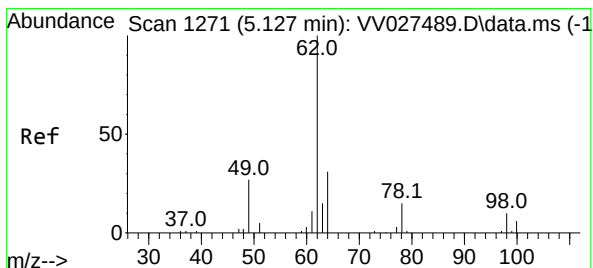
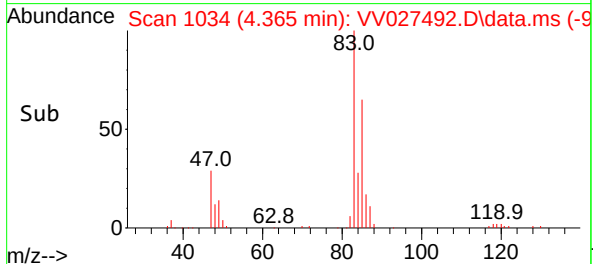
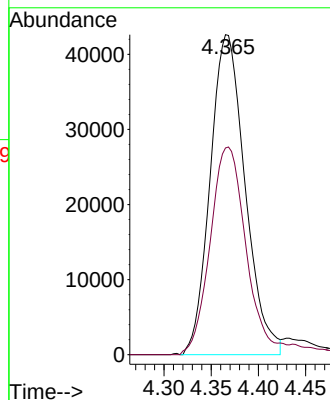
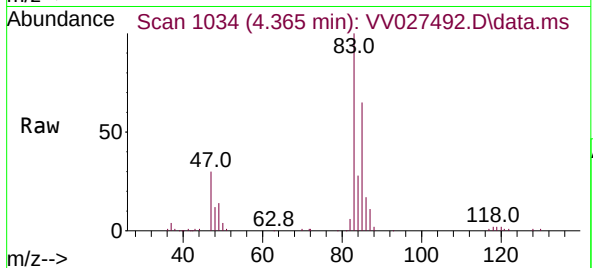
ClientSampleId :

Tgt Ion: 83 Resp: 109519

Ion Ratio Lower Upper

83 100

85 64.6 43.3 80.5



#27

1,2-Dichloroethane

Concen: 4.932 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VV027492.D

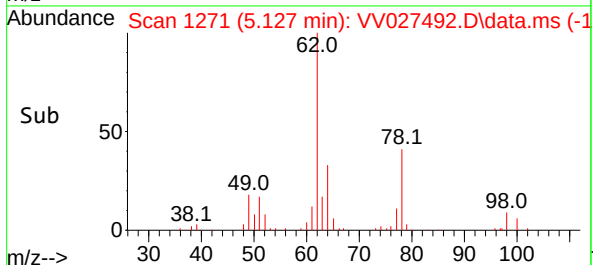
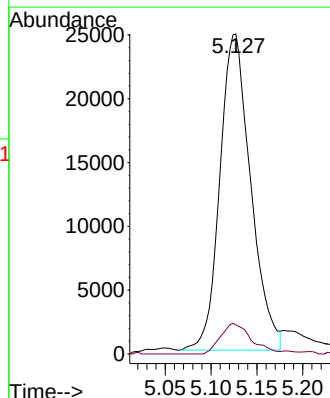
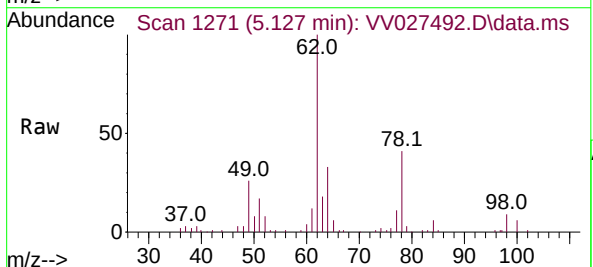
Acq: 24 Aug 2022 16:28

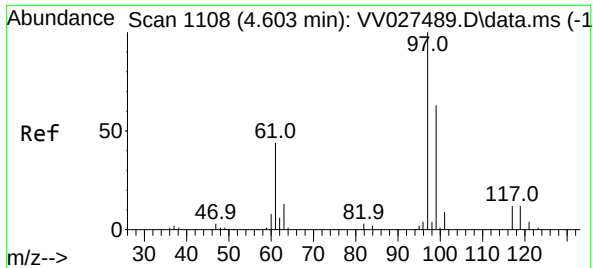
Tgt Ion: 62 Resp: 58048

Ion Ratio Lower Upper

62 100

98 9.1 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 5.082 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV027492.D

Acq: 24 Aug 2022 16:28

Instrument :

MSVOA_V

ClientSampleId :

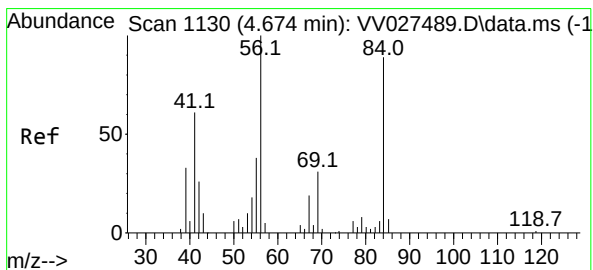
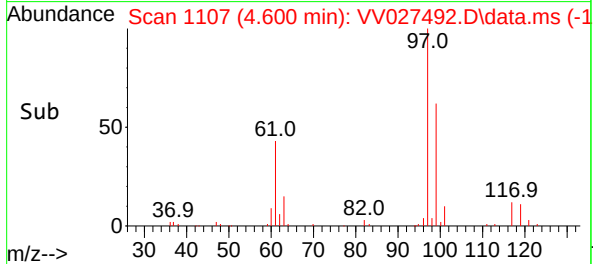
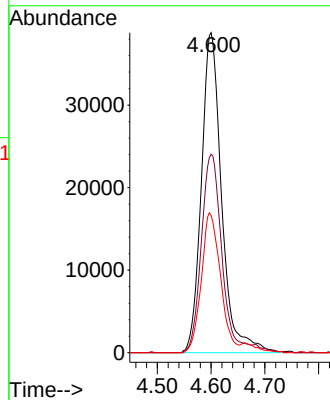
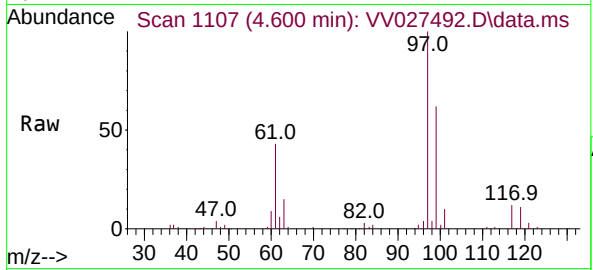
Tgt Ion: 97 Resp: 101580

Ion Ratio Lower Upper

97 100

99 62.4 51.1 76.7

61 41.2 35.9 53.9



#30

Cyclohexane

Concen: 4.388 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VV027492.D

Acq: 24 Aug 2022 16:28

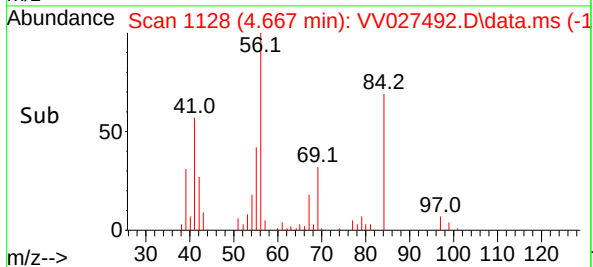
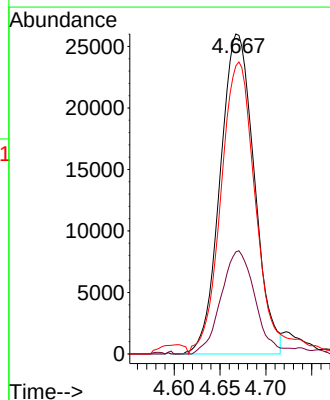
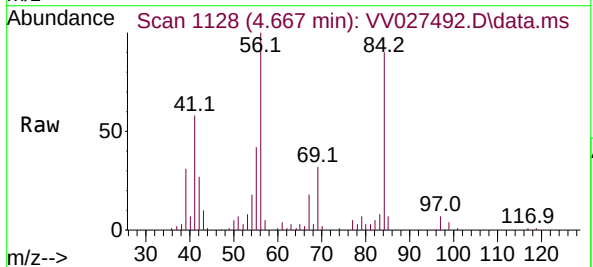
Tgt Ion: 56 Resp: 67313

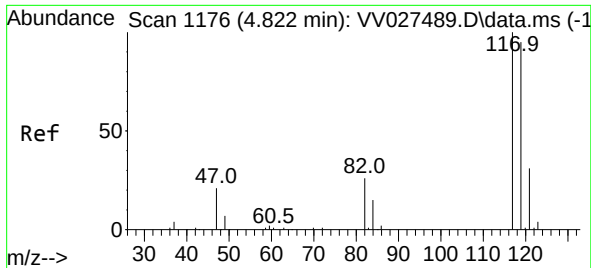
Ion Ratio Lower Upper

56 100

69 32.3 25.4 38.0

84 94.6 69.7 104.5

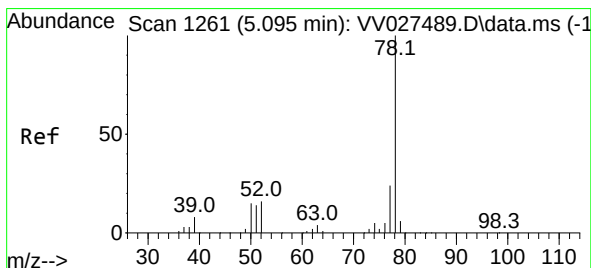
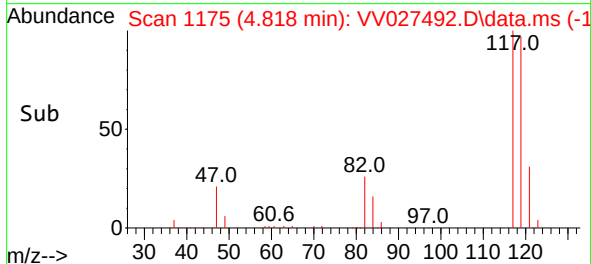
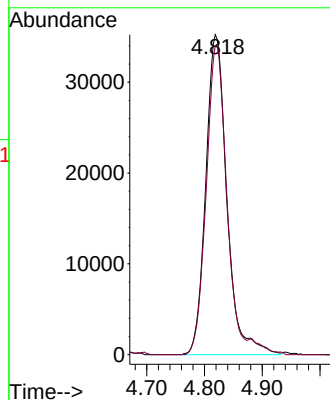
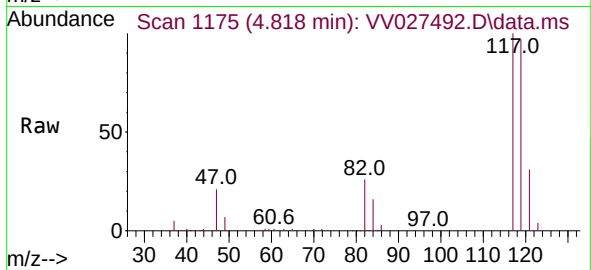




#31
Carbon tetrachloride
Concen: 5.152 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. -0.003 min
Lab File: VV027492.D
Acq: 24 Aug 2022 16:28

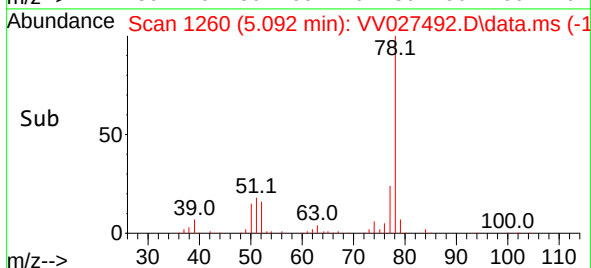
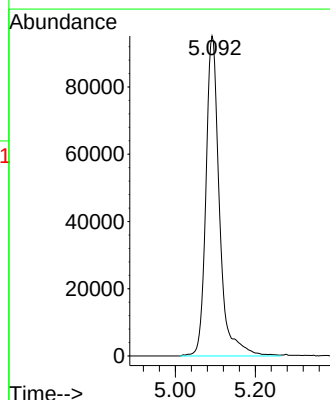
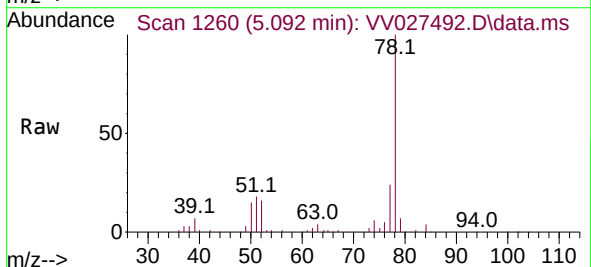
Instrument :
MSVOA_V
ClientSampleId :

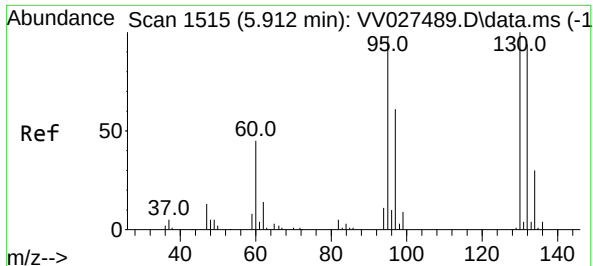
Tgt Ion:117 Resp: 89537
Ion Ratio Lower Upper
117 100
119 92.7 76.1 114.1



#33
Benzene
Concen: 5.199 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VV027492.D
Acq: 24 Aug 2022 16:28

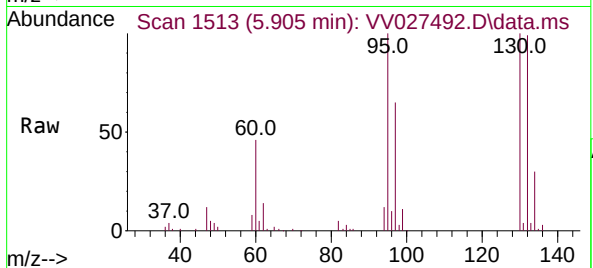
Tgt Ion: 78 Resp: 225098



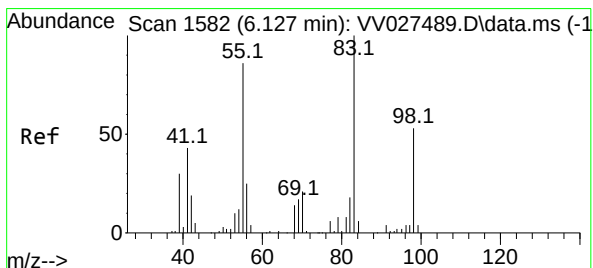
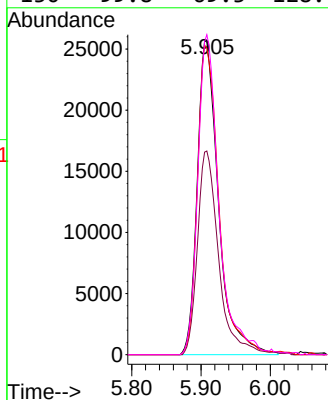
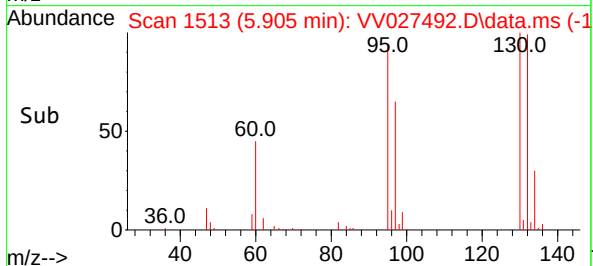


#34
Trichloroethene
Concen: 4.822 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VV027492.D
Acq: 24 Aug 2022 16:28

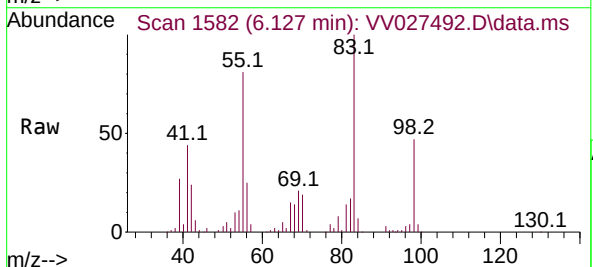
Instrument :
MSVOA_V
ClientSampleId :



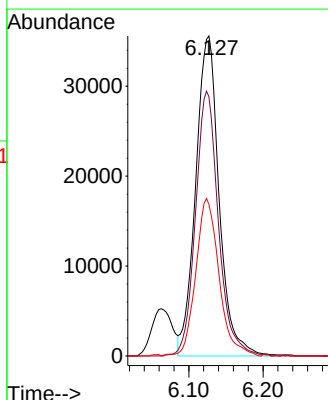
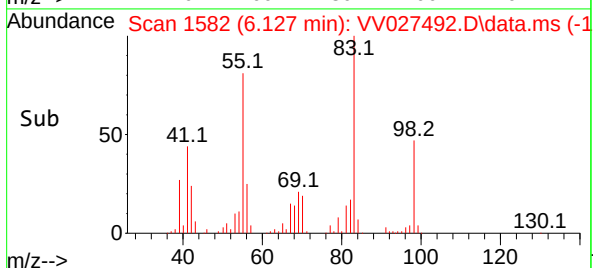
Tgt Ion: 95 Resp: 54936
Ion Ratio Lower Upper
95 100
97 64.5 45.0 83.6
132 98.6 65.7 121.9
130 99.8 69.3 128.7

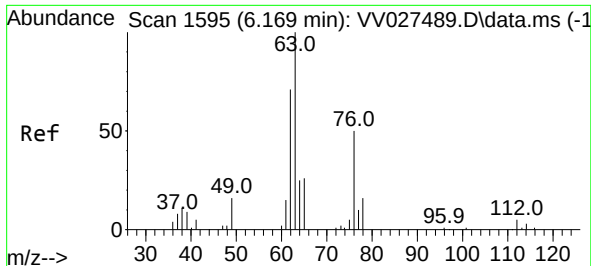


#35
Methylcyclohexane
Concen: 4.885 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV027492.D
Acq: 24 Aug 2022 16:28



Tgt Ion: 83 Resp: 78279
Ion Ratio Lower Upper
83 100
55 80.9 68.2 102.4
98 48.7 39.0 58.4





#37

1,2-Dichloropropane

Concen: 4.865 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV027492.D

Acq: 24 Aug 2022 16:28

Instrument :

MSVOA_V

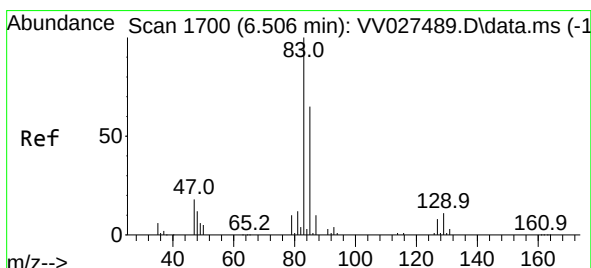
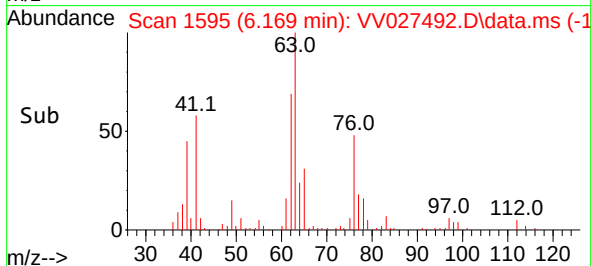
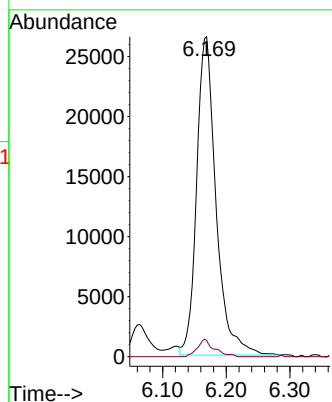
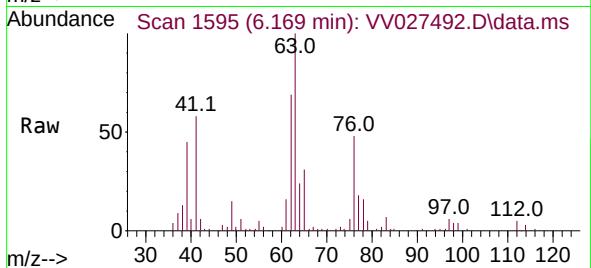
ClientSampleId :

Tgt Ion: 63 Resp: 56150

Ion Ratio Lower Upper

63 100

112 4.7 3.9 5.9



#38

Bromodichloromethane

Concen: 5.148 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VV027492.D

Acq: 24 Aug 2022 16:28

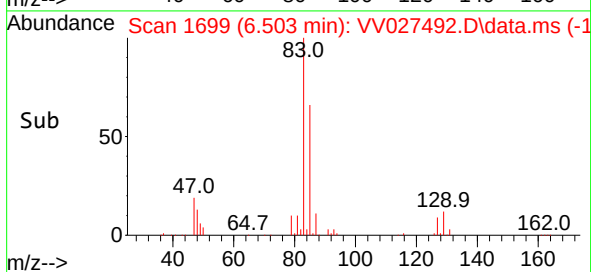
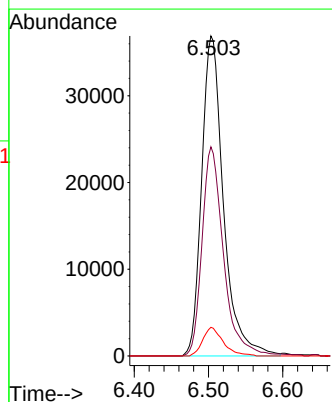
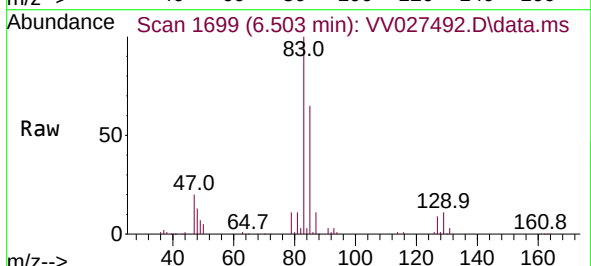
Tgt Ion: 83 Resp: 75336

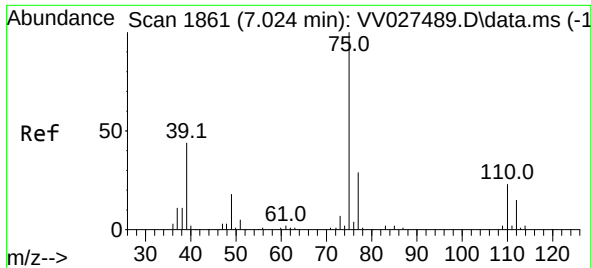
Ion Ratio Lower Upper

83 100

85 65.4 45.3 84.1

127 9.0 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.888 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV027492.D

Acq: 24 Aug 2022 16:28

Instrument :

MSVOA_V

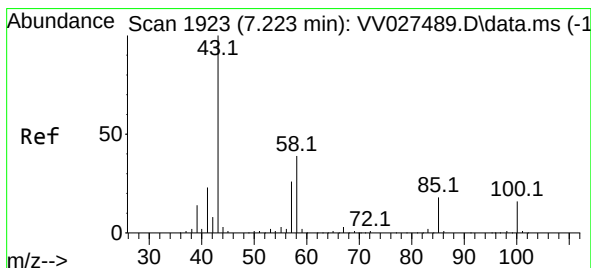
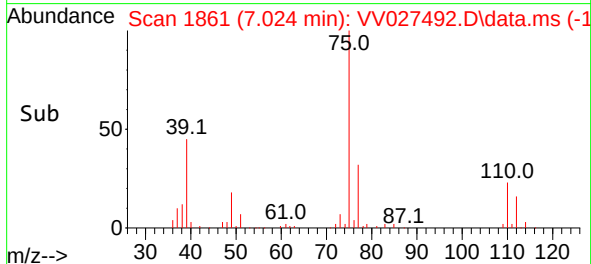
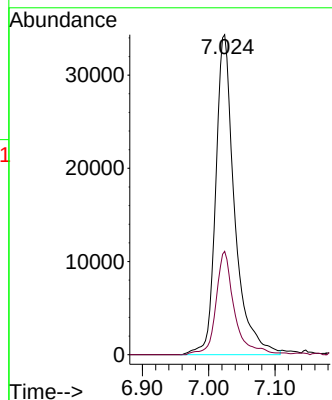
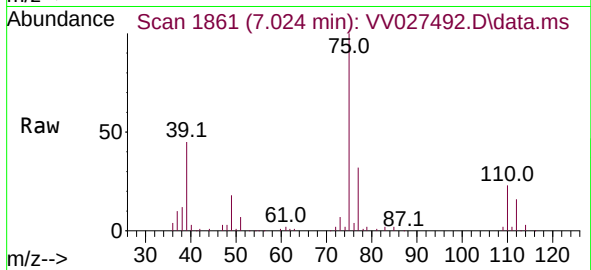
ClientSampleId :

Tgt Ion: 75 Resp: 68026

Ion Ratio Lower Upper

75 100

77 32.3 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 49.044 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.003 min

Lab File: VV027492.D

Acq: 24 Aug 2022 16:28

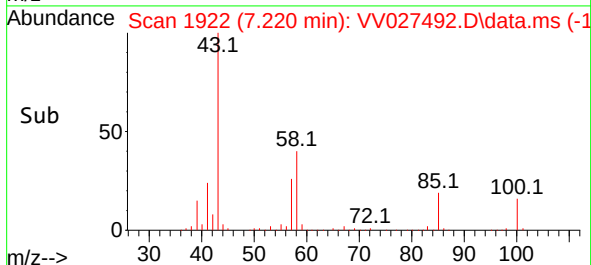
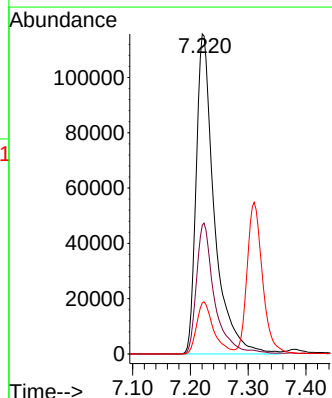
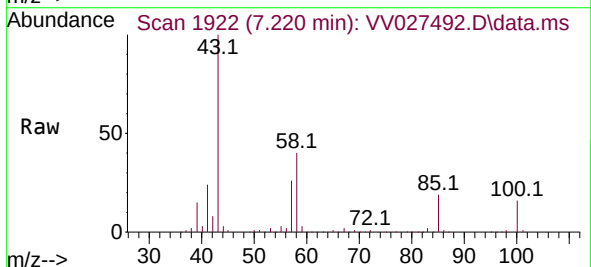
Tgt Ion: 43 Resp: 252916

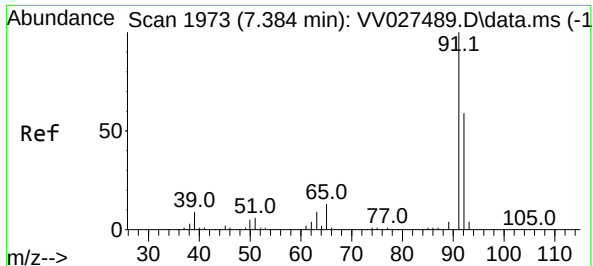
Ion Ratio Lower Upper

43 100

58 39.8 30.6 45.8

100 15.2 11.0 16.4

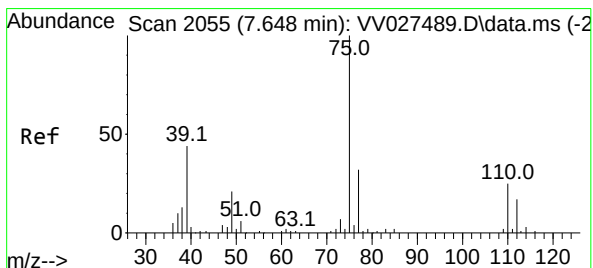
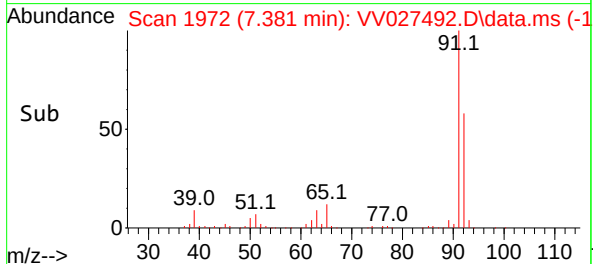
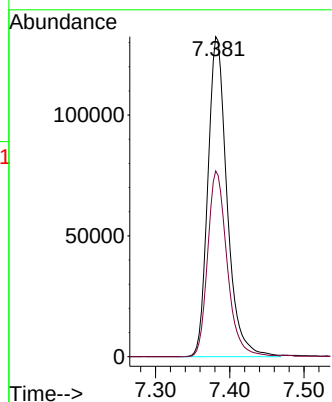
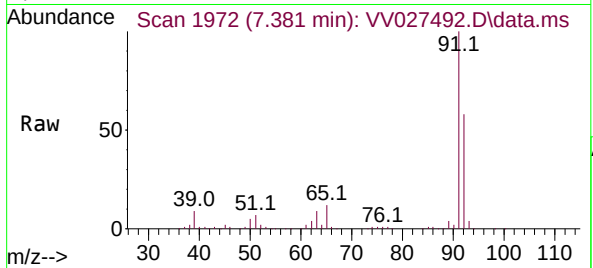




#42
Toluene
Concen: 5.299 ug/L
RT: 7.381 min Scan# 1973
Delta R.T. -0.003 min
Lab File: VV027492.D
Acq: 24 Aug 2022 16:28

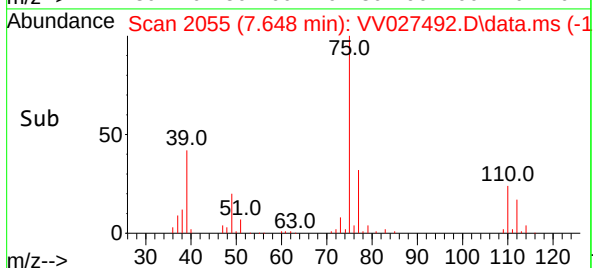
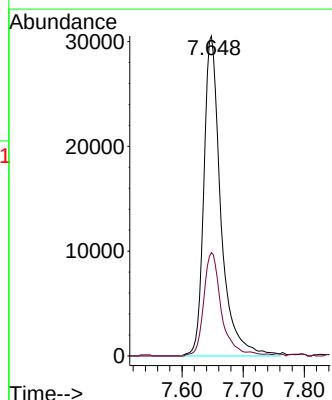
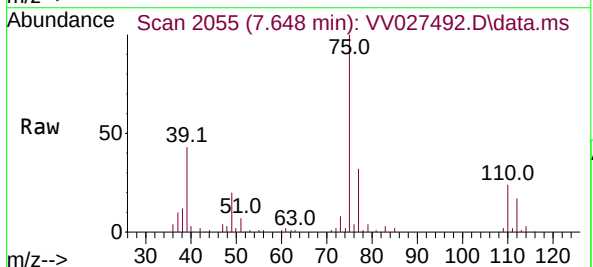
Instrument :
MSVOA_V
ClientSampleId :

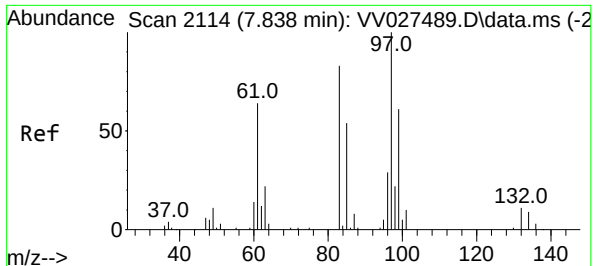
Tgt Ion: 91 Resp: 236780
Ion Ratio Lower Upper
91 100
92 58.0 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 5.026 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. 0.000 min
Lab File: VV027492.D
Acq: 24 Aug 2022 16:28

Tgt Ion: 75 Resp: 59127
Ion Ratio Lower Upper
75 100
77 32.3 22.3 41.5



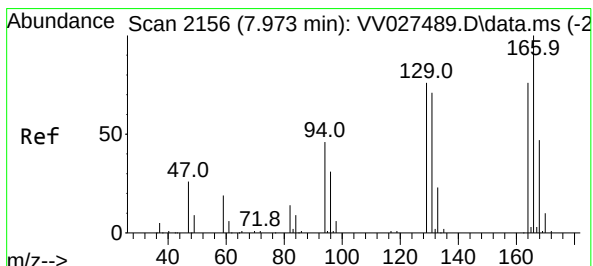
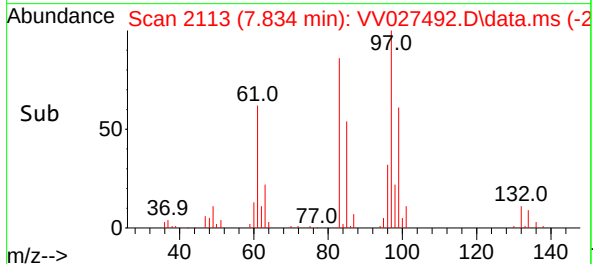
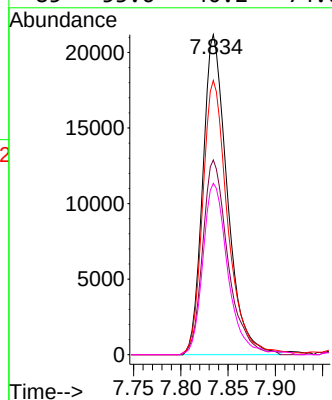
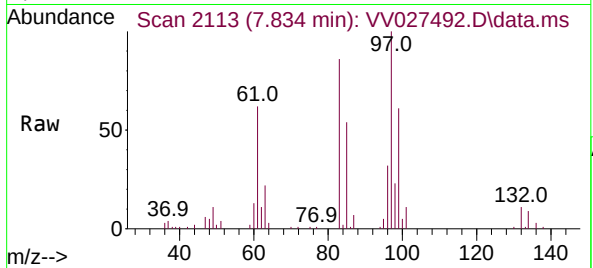


#45
1,1,2-Trichloroethane
Concen: 5.167 ug/L
RT: 7.834 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV027492.D
Acq: 24 Aug 2022 16:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 38129

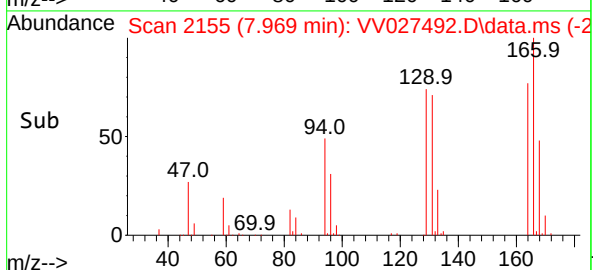
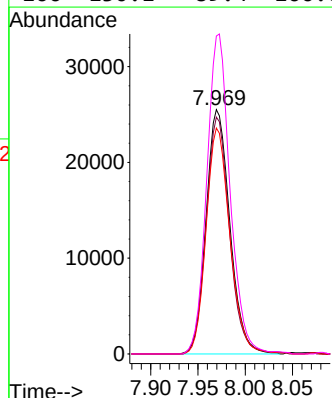
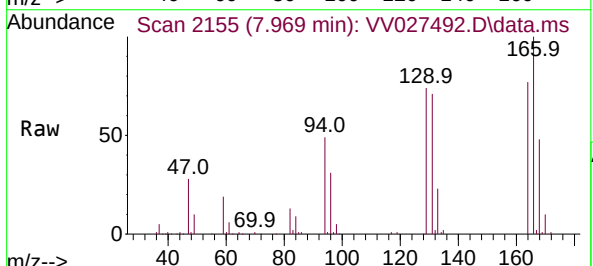
Ion	Ratio	Lower	Upper
97	100		
99	60.8	46.1	85.7
83	85.7	63.0	117.0
85	53.6	40.2	74.6

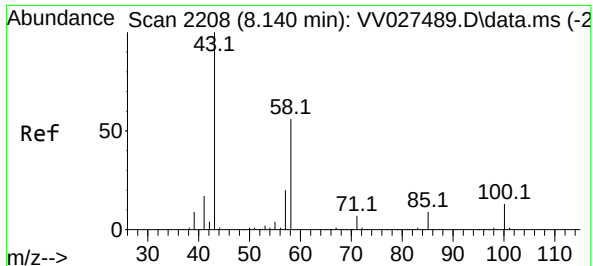


#47
Tetrachloroethene
Concen: 5.037 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.003 min
Lab File: VV027492.D
Acq: 24 Aug 2022 16:28

Tgt Ion: 164 Resp: 44708

Ion	Ratio	Lower	Upper
164	100		
129	96.9	71.1	132.1
131	92.4	64.5	119.9
166	130.1	89.4	166.0

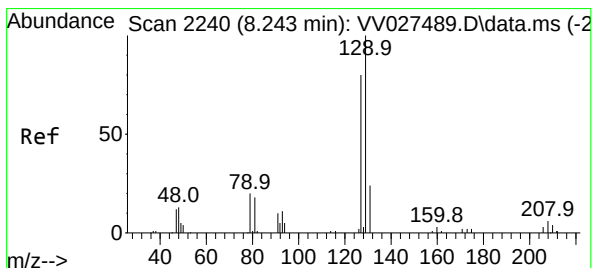
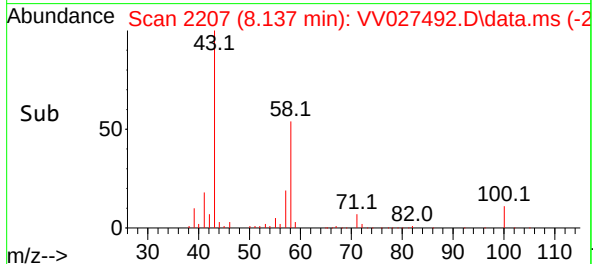
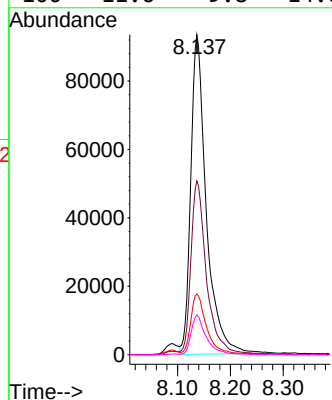
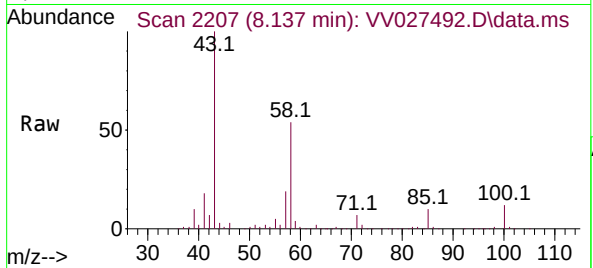




#48
2-Hexanone
Concen: 51.340 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV027492.D
Acq: 24 Aug 2022 16:28

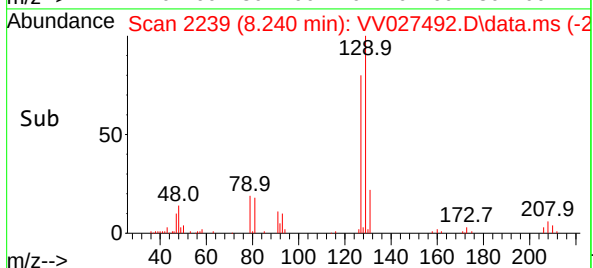
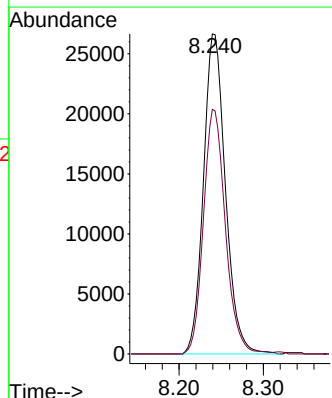
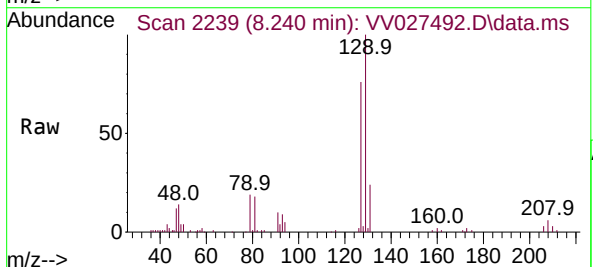
Instrument :
MSVOA_V
ClientSampleId :

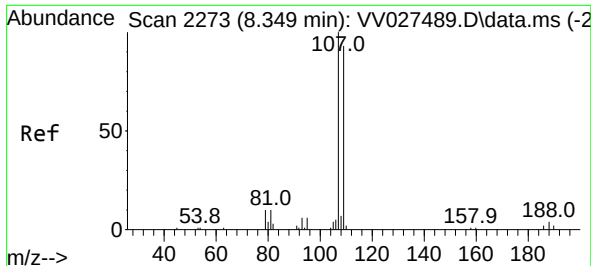
Tgt Ion: 43 Resp: 190777
Ion Ratio Lower Upper
43 100
58 53.0 41.3 61.9
57 18.8 14.9 22.3
100 11.6 9.8 14.6



#49
Dibromochloromethane
Concen: 5.336 ug/L
RT: 8.240 min Scan# 2239
Delta R.T. -0.003 min
Lab File: VV027492.D
Acq: 24 Aug 2022 16:28

Tgt Ion: 129 Resp: 48419
Ion Ratio Lower Upper
129 100
127 76.5 55.9 103.7

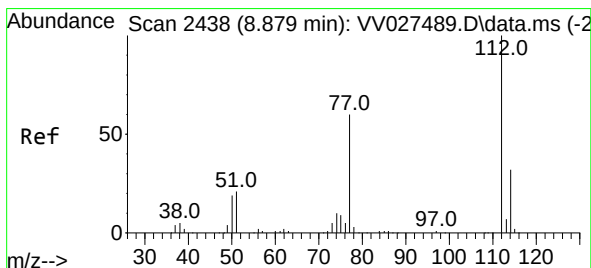
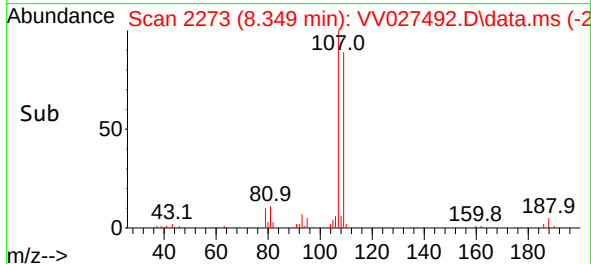
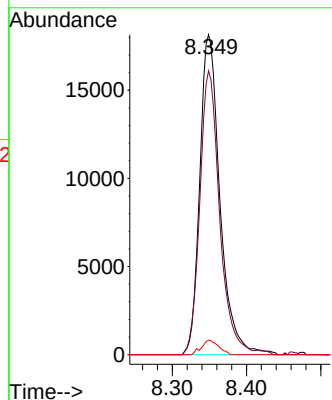
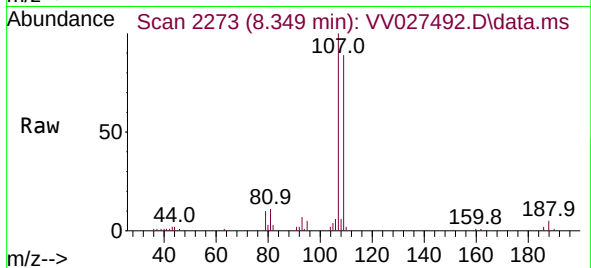




#50
1,2-Dibromoethane
Concen: 5.327 ug/L
RT: 8.349 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027492.D
Acq: 24 Aug 2022 16:28

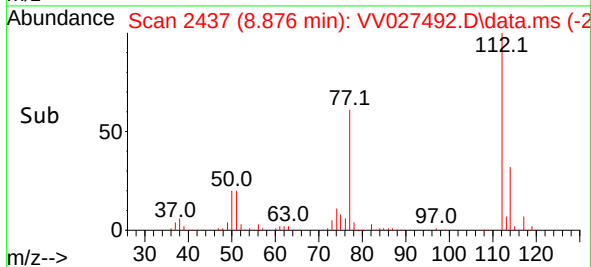
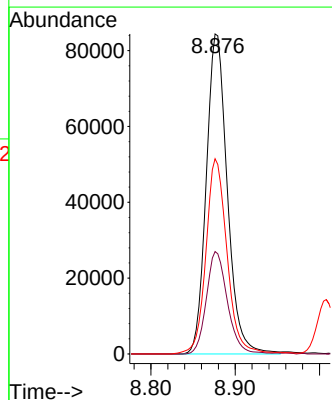
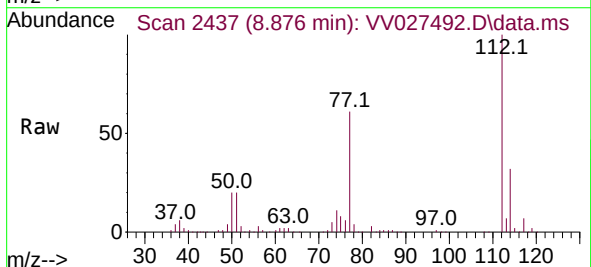
Instrument :
MSVOA_V
ClientSampleId :

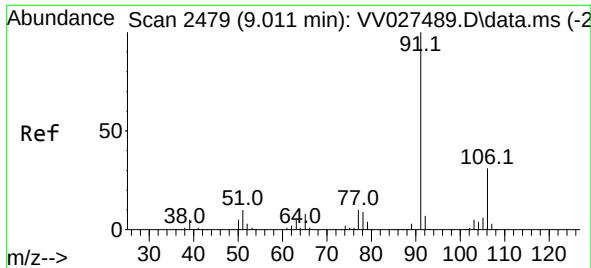
Tgt Ion:107 Resp: 34312
Ion Ratio Lower Upper
107 100
109 88.7 67.8 125.8
188 4.6 3.5 5.3



#51
Chlorobenzene
Concen: 5.072 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. -0.003 min
Lab File: VV027492.D
Acq: 24 Aug 2022 16:28

Tgt Ion:112 Resp: 146687
Ion Ratio Lower Upper
112 100
114 32.0 22.7 42.1
77 61.0 46.2 69.4

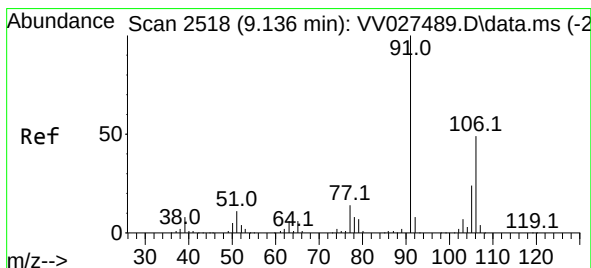
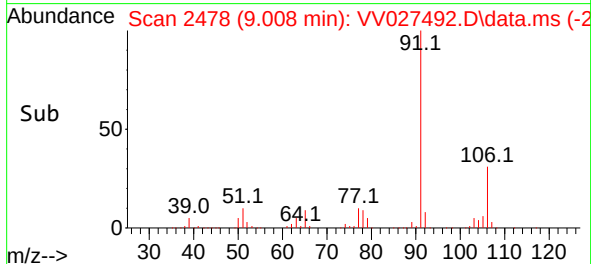
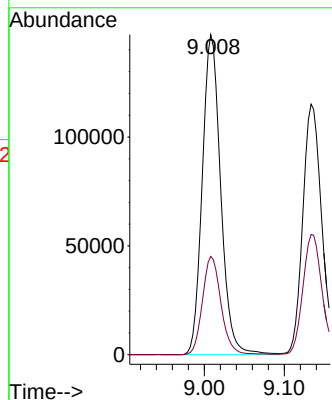
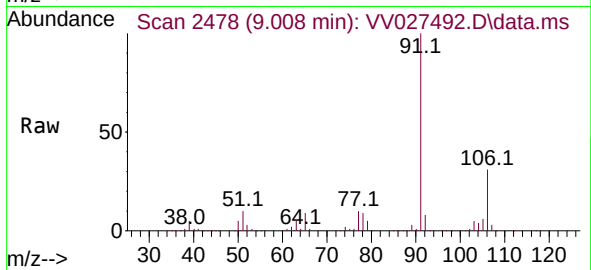




#52
Ethylbenzene
Concen: 5.177 ug/L
RT: 9.008 min Scan# 24
Delta R.T. -0.003 min
Lab File: VV027492.D
Acq: 24 Aug 2022 16:28

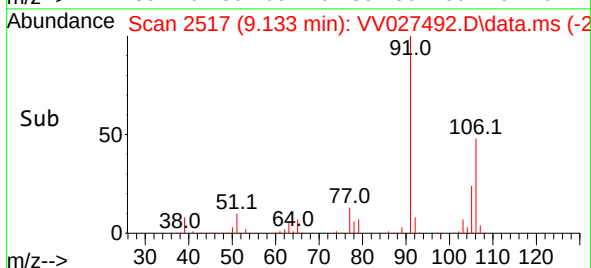
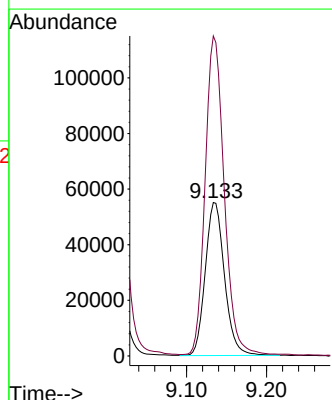
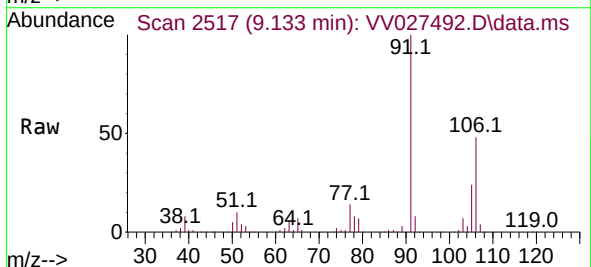
Instrument :
MSVOA_V
ClientSampleId :

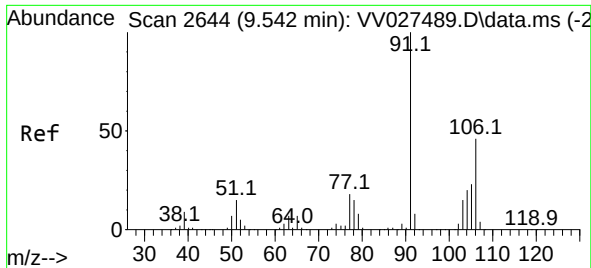
Tgt Ion: 91 Resp: 236140
Ion Ratio Lower Upper
91 100
106 30.7 21.4 39.8



#53
m,p-Xylene
Concen: 5.280 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. -0.003 min
Lab File: VV027492.D
Acq: 24 Aug 2022 16:28

Tgt Ion: 106 Resp: 92160
Ion Ratio Lower Upper
106 100
91 208.5 143.8 267.0

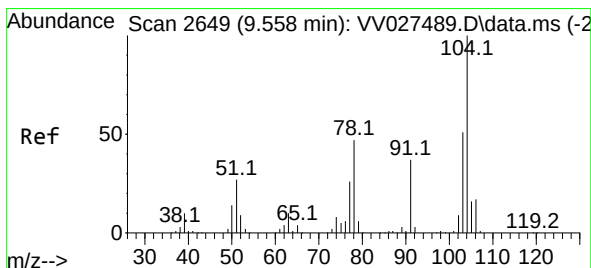
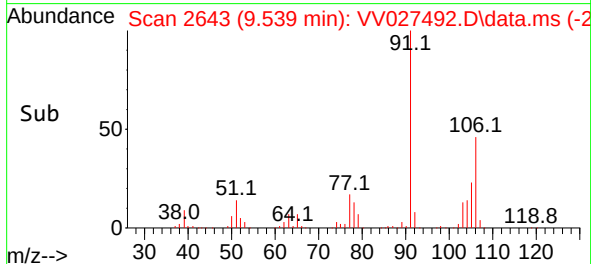
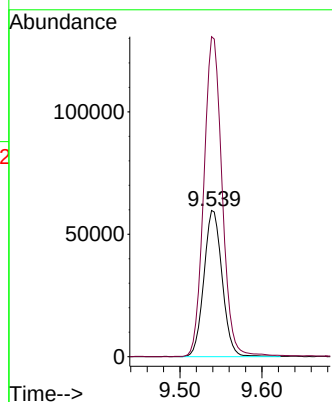
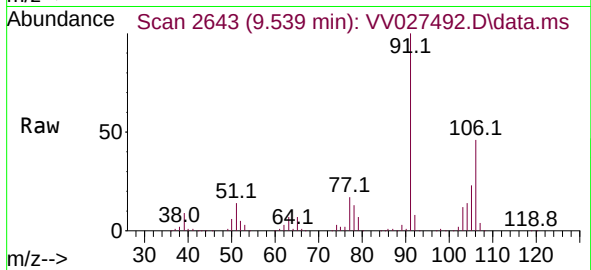




#54
o-Xylene
Concen: 5.460 ug/L
RT: 9.539 min Scan# 2643
Delta R.T. -0.003 min
Lab File: VV027492.D
Acq: 24 Aug 2022 16:28

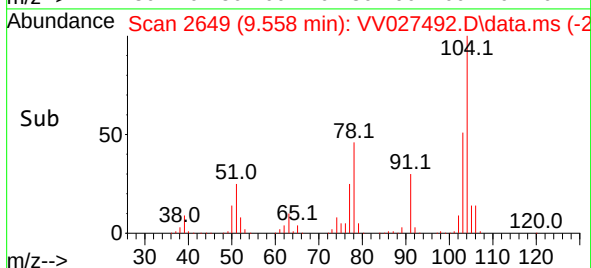
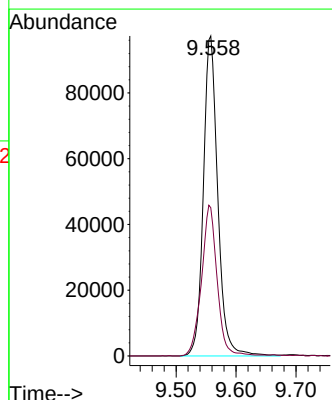
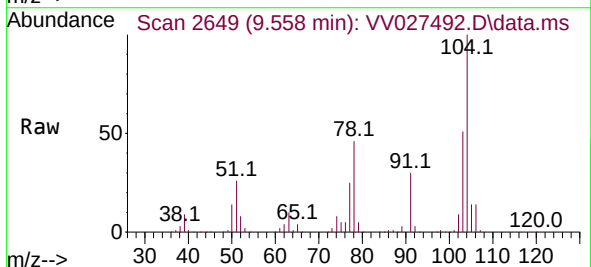
Instrument :
MSVOA_V
ClientSampleId :

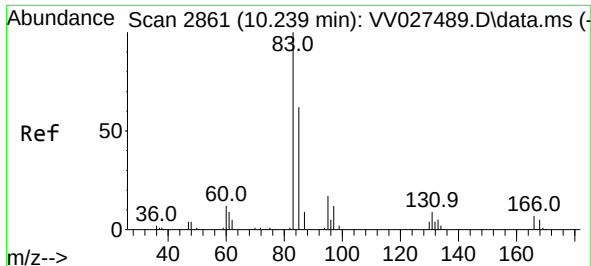
Tgt Ion:106 Resp: 92439
Ion Ratio Lower Upper
106 100
91 218.9 151.6 281.6



#55
Styrene
Concen: 5.663 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV027492.D
Acq: 24 Aug 2022 16:28

Tgt Ion:104 Resp: 163119
Ion Ratio Lower Upper
104 100
78 46.4 32.0 59.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.184 ug/L

RT: 10.236 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV027492.D

Acq: 24 Aug 2022 16:28

Instrument :

MSVOA_V

ClientSampleId :

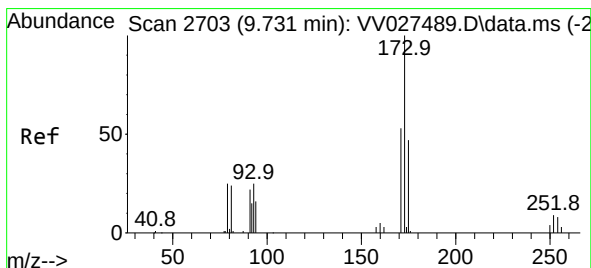
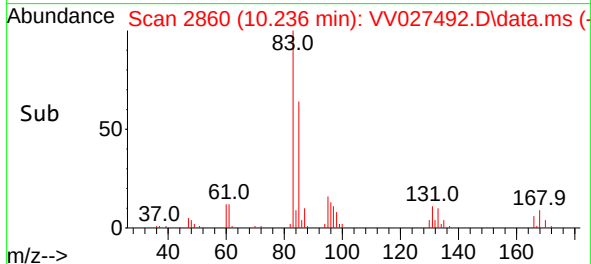
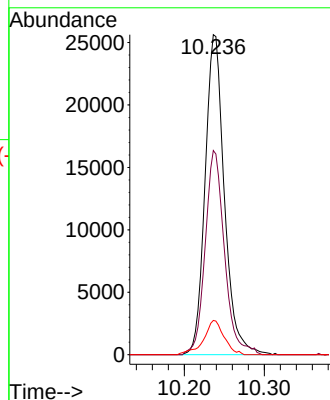
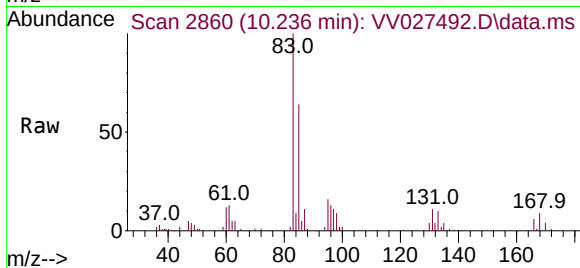
Tgt Ion: 83 Resp: 43086

Ion Ratio Lower Upper

83 100

85 63.8 44.1 81.9

131 10.7 7.3 10.9



#59

Bromoform

Concen: 4.719 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.003 min

Lab File: VV027492.D

Acq: 24 Aug 2022 16:28

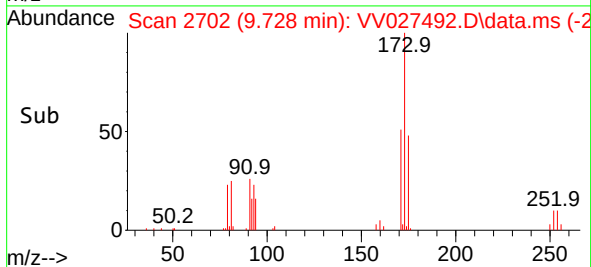
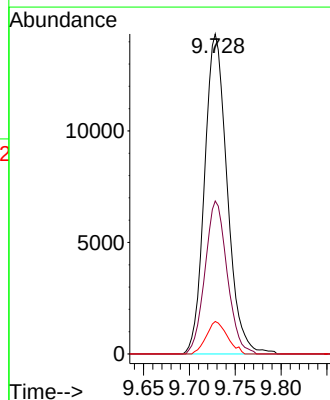
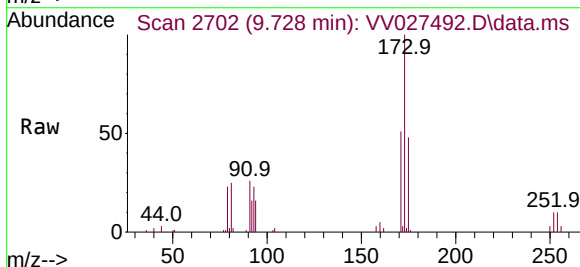
Tgt Ion: 173 Resp: 24631

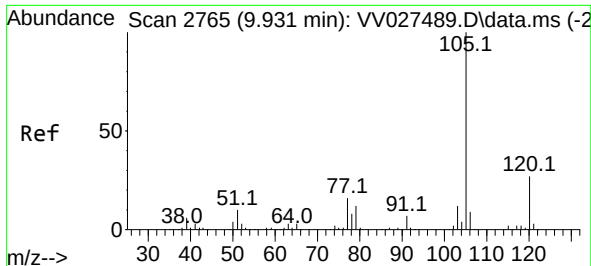
Ion Ratio Lower Upper

173 100

175 46.9 39.0 58.6

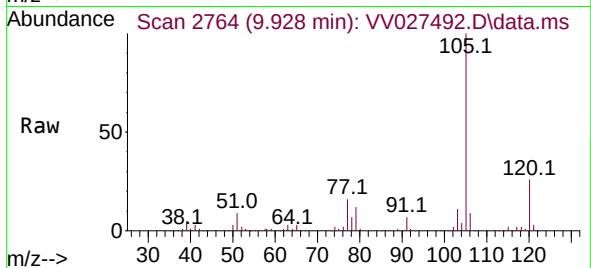
254 9.4 7.1 10.7



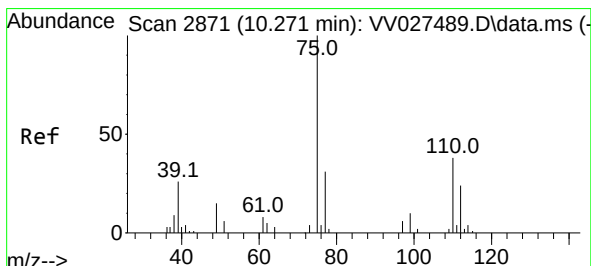
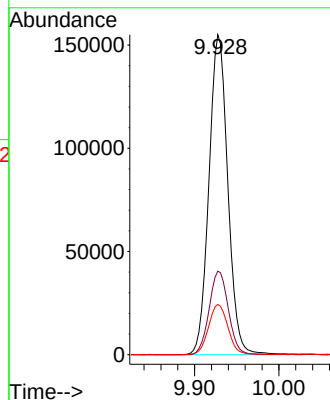
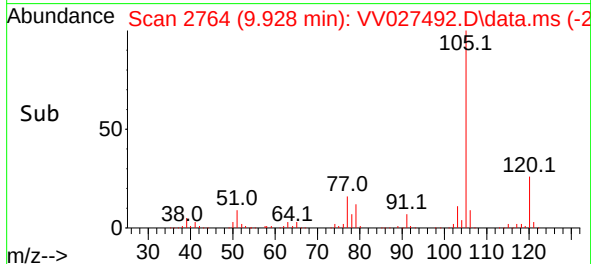


#60
Isopropylbenzene
Concen: 4.708 ug/L
RT: 9.928 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV027492.D
Acq: 24 Aug 2022 16:28

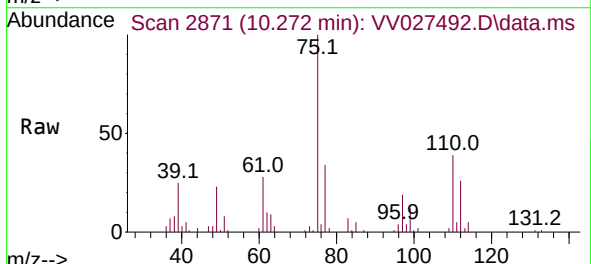
Instrument :
MSVOA_V
ClientSampleId :



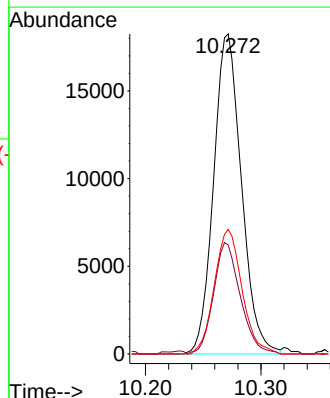
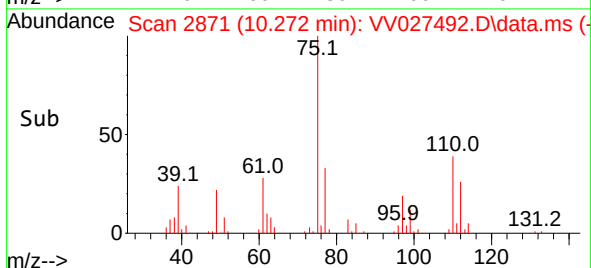
Tgt Ion:105 Resp: 241247
Ion Ratio Lower Upper
105 100
120 26.6 20.9 31.3
77 16.2 13.0 19.6

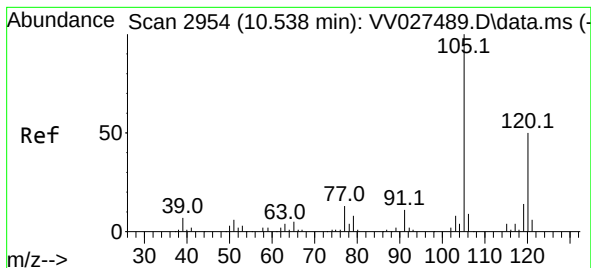


#61
1,2,3-Trichloropropane
Concen: 4.471 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027492.D
Acq: 24 Aug 2022 16:28



Tgt Ion: 75 Resp: 30542
Ion Ratio Lower Upper
75 100
77 33.4 26.2 39.2
110 38.6 29.9 44.9





#62

1,3,5-Trimethylbenzene

Concen: 4.623 ug/L

RT: 10.535 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VV027492.D

Acq: 24 Aug 2022 16:28

Instrument :

MSVOA_V

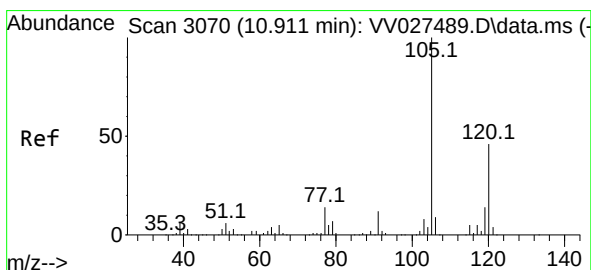
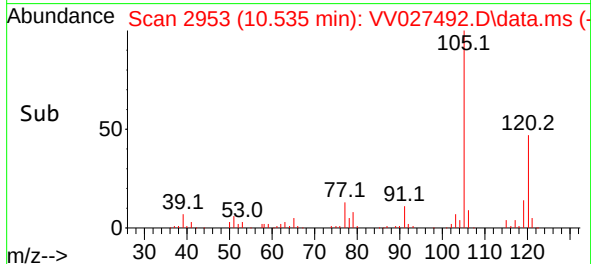
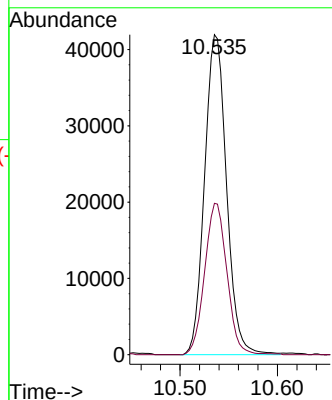
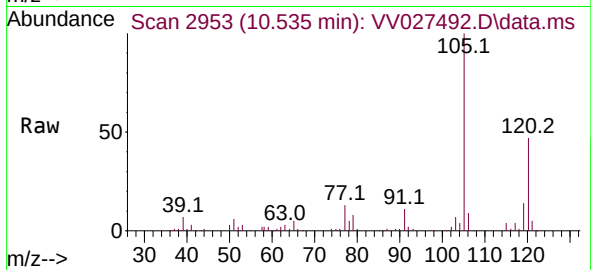
ClientSampleId :

Tgt Ion:105 Resp: 65682

Ion Ratio Lower Upper

105 100

120 48.0 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 4.591 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV027492.D

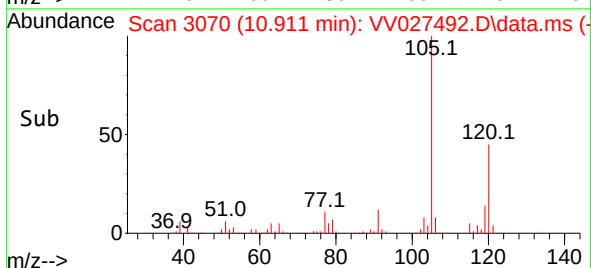
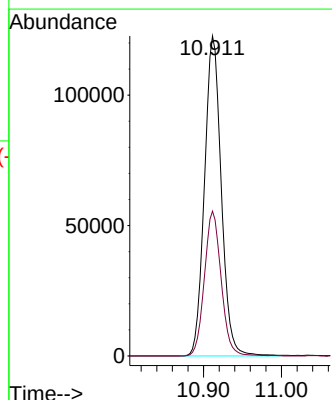
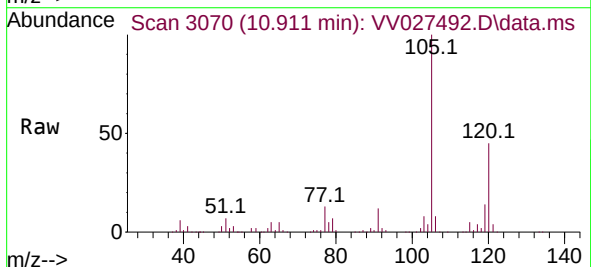
Acq: 24 Aug 2022 16:28

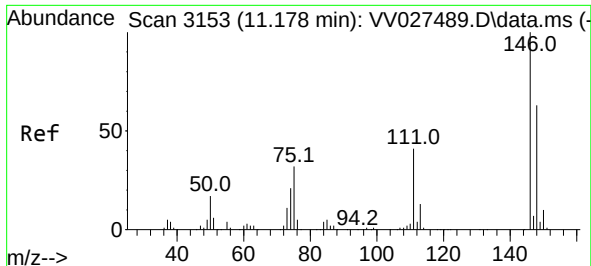
Tgt Ion:105 Resp: 183768

Ion Ratio Lower Upper

105 100

120 45.1 35.8 53.6

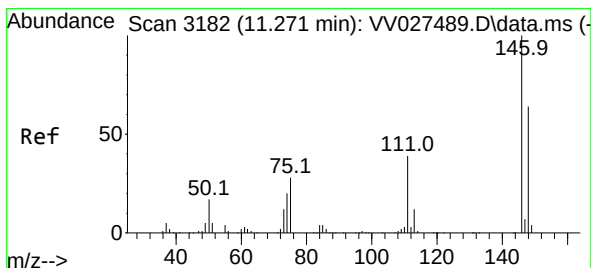
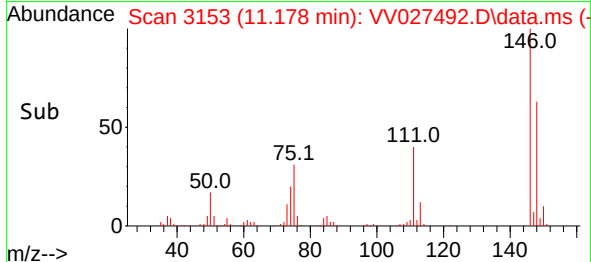
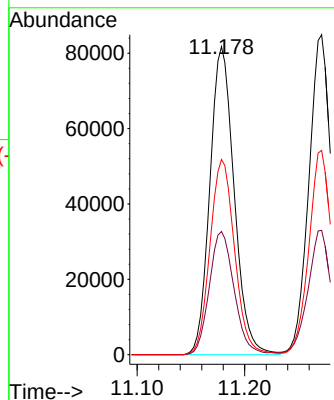
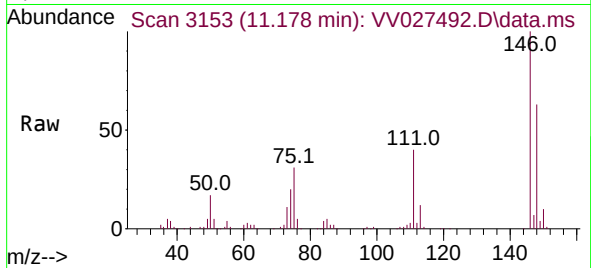




#64
 1,3-Dichlorobenzene
 Concen: 5.081 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. 0.000 min
 Lab File: VV027492.D
 Acq: 24 Aug 2022 16:28

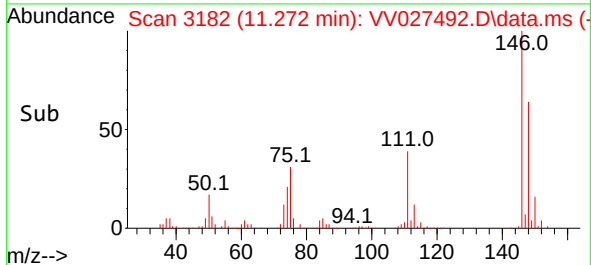
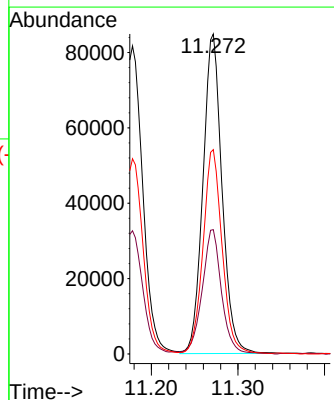
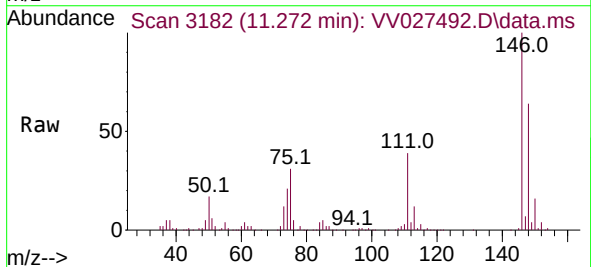
Instrument :
 MSVOA_V
 ClientSampleId :

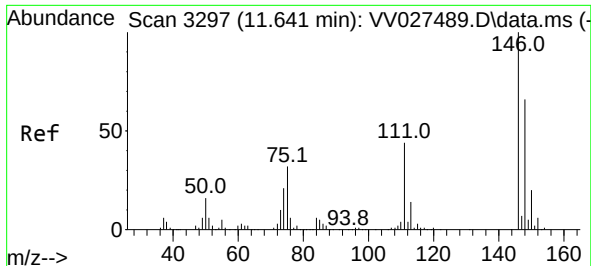
Tgt Ion:146 Resp: 128262
 Ion Ratio Lower Upper
 146 100
 111 40.0 28.8 53.4
 148 63.4 44.0 81.6



#65
 1,4-Dichlorobenzene
 Concen: 5.156 ug/L
 RT: 11.272 min Scan# 3182
 Delta R.T. 0.000 min
 Lab File: VV027492.D
 Acq: 24 Aug 2022 16:28

Tgt Ion:146 Resp: 129754
 Ion Ratio Lower Upper
 146 100
 111 38.8 26.6 49.4
 148 63.8 42.6 79.0

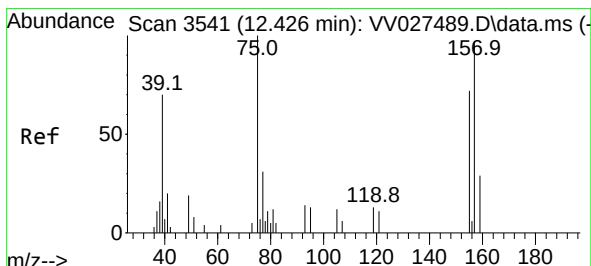
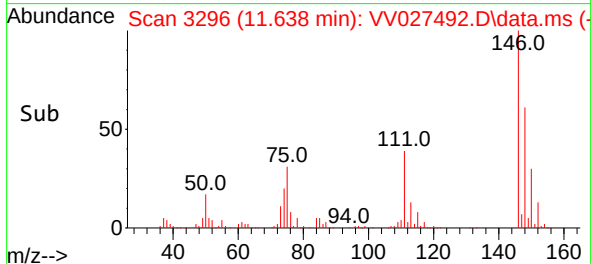
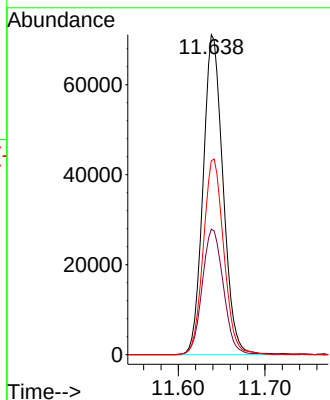
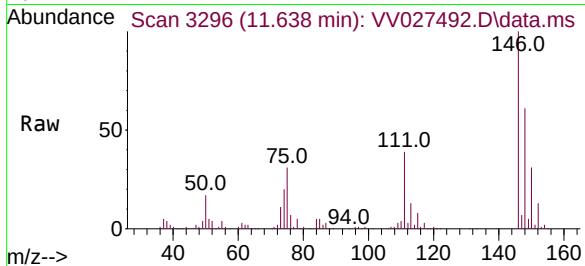




#67
1,2-Dichlorobenzene
Concen: 4.970 ug/L
RT: 11.638 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV027492.D
Acq: 24 Aug 2022 16:28

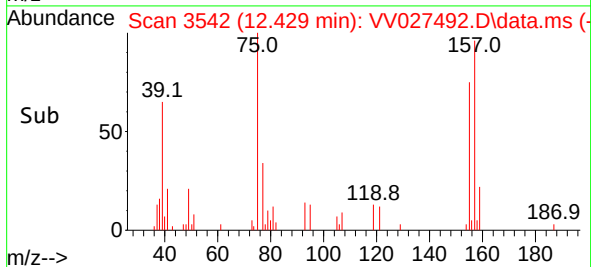
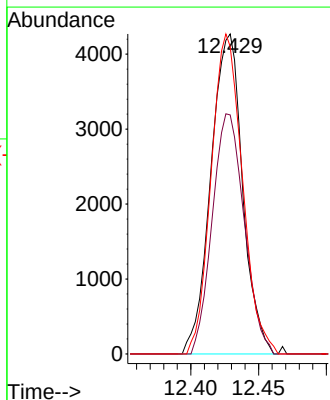
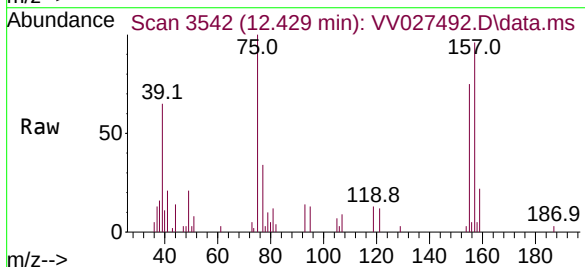
Instrument :
MSVOA_V
ClientSampleId :

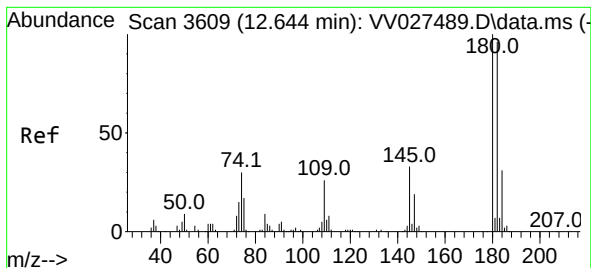
Tgt Ion:146 Resp: 113763
Ion Ratio Lower Upper
146 100
111 39.3 34.5 51.7
148 60.6 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 4.574 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV027492.D
Acq: 24 Aug 2022 16:28

Tgt Ion: 75 Resp: 6942
Ion Ratio Lower Upper
75 100
155 74.7 63.1 94.7
157 96.1 81.8 122.8





#69

1,3,5-Trichlorobenzene

Concen: 4.657 ug/L

RT: 12.641 min Scan# 3609

Delta R.T. -0.003 min

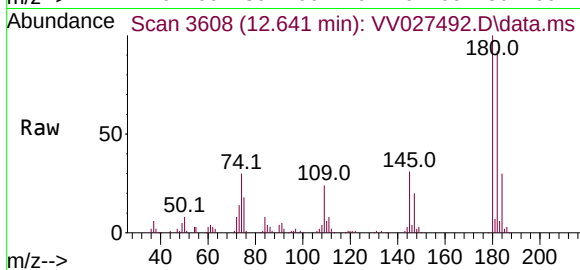
Lab File: VV027492.D

Acq: 24 Aug 2022 16:28

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 87764

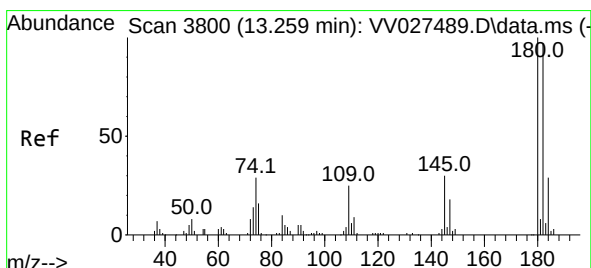
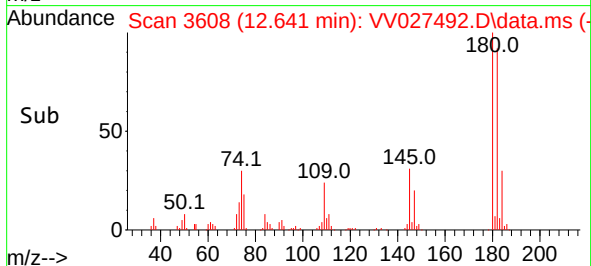
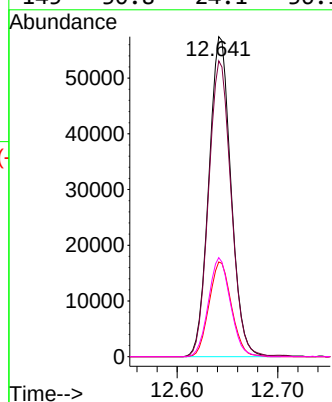
Ion Ratio Lower Upper

180 100

182 94.1 74.1 111.1

184 29.9 23.2 34.8

145 30.8 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 4.570 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV027492.D

Acq: 24 Aug 2022 16:28

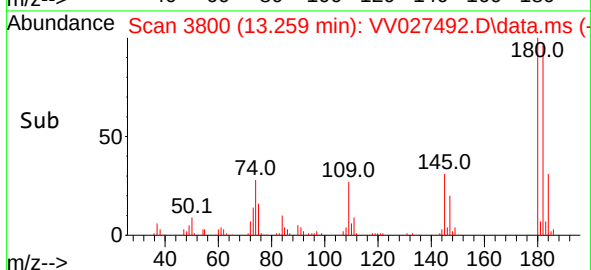
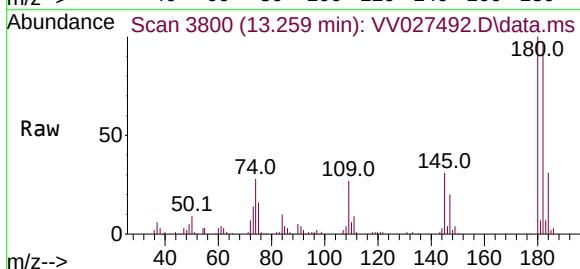
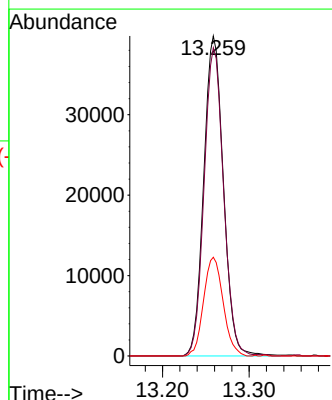
Tgt Ion:180 Resp: 62581

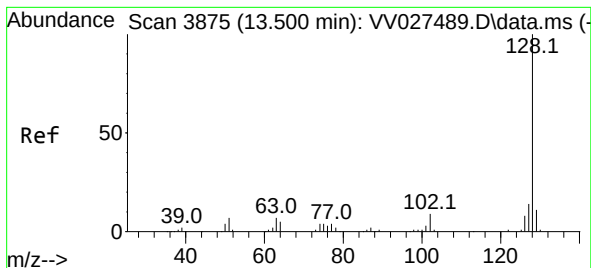
Ion Ratio Lower Upper

180 100

182 95.4 76.0 114.0

145 30.7 24.9 37.3





#71

Naphthalene

Concen: 4.038 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV027492.D

Acq: 24 Aug 2022 16:28

Instrument :

MSVOA_V

ClientSampleId :

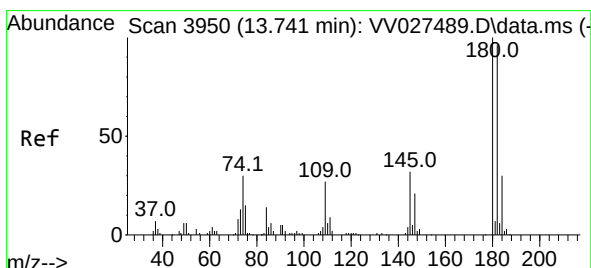
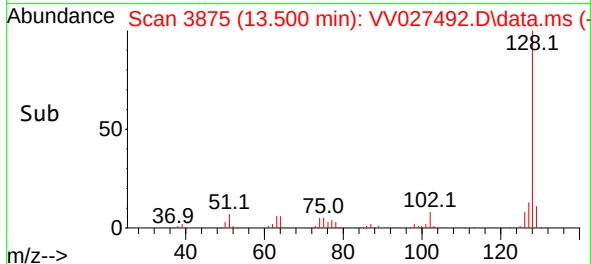
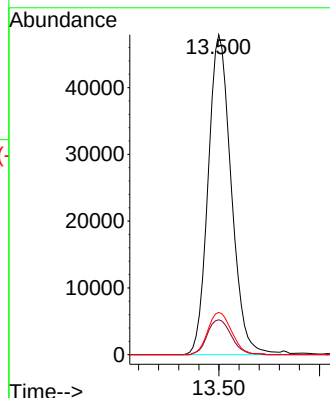
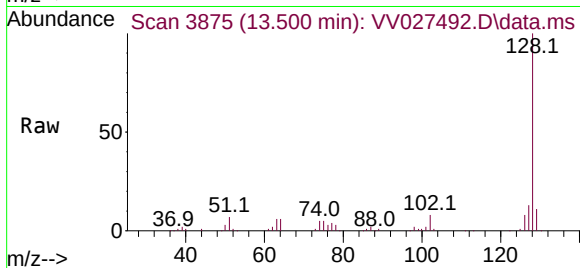
Tgt Ion:128 Resp: 76330

Ion Ratio Lower Upper

128 100

129 11.4 8.7 13.1

127 13.7 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 4.590 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV027492.D

Acq: 24 Aug 2022 16:28

Tgt Ion:180 Resp: 55821

Ion Ratio Lower Upper

180 100

182 94.6 75.3 112.9

145 31.8 26.6 39.8

