

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081322\
 Data File : VV027379.D
 Acq On : 13 Aug 2022 19:40
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 13 21:55:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 21:49:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	149156	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	159631	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	85184	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	59470	4.589	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.561	69	43095	4.579	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.105	63	106761	4.543	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	3.879	46	130463	59.446	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.900%
24) Chloroform-d	4.342	84	126198	5.310	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
26) 1,2-Dichloroethane-d4	5.031	65	60825	5.372	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	5.047	84	230614	4.897	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.066	67	71349	4.900	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.313	98	226950	5.264	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
43) trans-1,3-Dichloroprop...	7.622	79	24878	4.933	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.600%
46) 2-Hexanone-d5	8.085	63	102277	52.402	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.800%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	54510	5.175	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	73631	5.008	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	89514	5.050	ug/L	98
3) Chloromethane	1.236	50	81170	4.578	ug/L	99
5) Vinyl chloride	1.307	62	78730	4.761	ug/L	99
6) Bromomethane	1.516	94	25387	3.288	ug/L	96
8) Chloroethane	1.577	64	44799	4.872	ug/L	94
9) Trichlorofluoromethane	1.748	101	108158	4.899	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	55328	5.336	ug/L	98
12) 1,1-Dichloroethene	2.114	96	51194	4.766	ug/L	90
13) Acetone	2.166	43	87274	53.813	ug/L	96
14) Carbon disulfide	2.288	76	182286	4.238	ug/L	100
15) Methyl Acetate	2.429	43	23416	5.930	ug/L	96
16) Methylene chloride	2.500	84	74969	4.346	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	124026	4.947	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	60998	4.617	ug/L	99
19) 1,1-Dichloroethane	3.185	63	126909	5.017	ug/L	97
21) 2-Butanone	3.963	43	137310	62.180	ug/L	95
22) cis-1,2-Dichloroethene	3.908	96	65614	5.051	ug/L	99
23) Bromochloromethane	4.243	128	29654	4.883	ug/L	98
25) Chloroform	4.368	83	131268	5.051	ug/L	100

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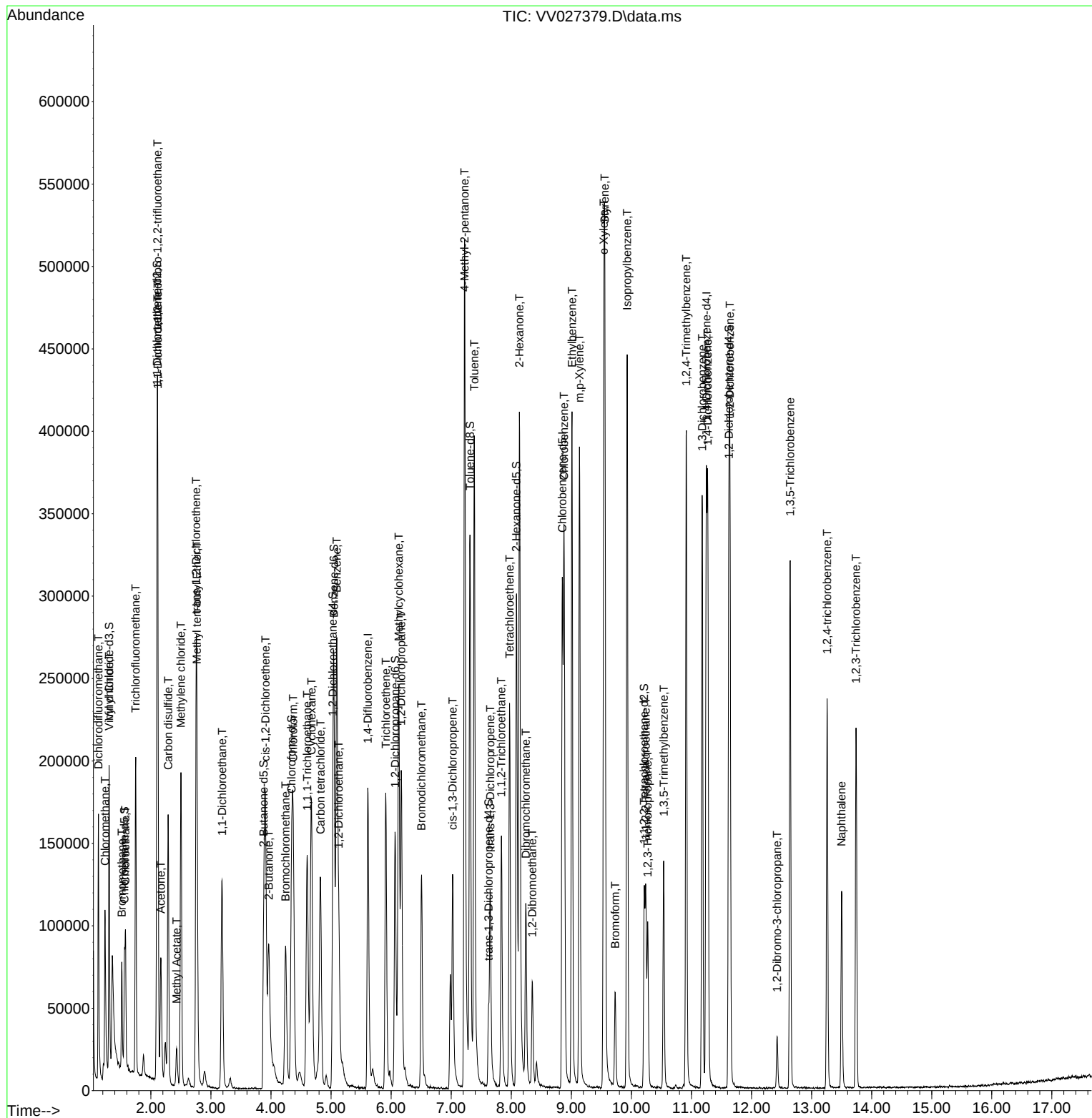
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	75226	5.065	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	112942	5.027	ug/L	99
30) Cyclohexane	4.674	56	83899	4.610	ug/L	99
31) Carbon tetrachloride	4.825	117	94368	4.827	ug/L	98
33) Benzene	5.095	78	255858	4.689	ug/L	100
34) Trichloroethene	5.912	95	62330	4.590	ug/L	99
35) Methylcyclohexane	6.127	83	86698	4.637	ug/L	99
37) 1,2-Dichloropropane	6.169	63	71147	5.276	ug/L	99
38) Bromodichloromethane	6.506	83	89600	5.155	ug/L	96
39) cis-1,3-Dichloropropene	7.024	75	80331	4.873	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	354313	50.909	ug/L	98
42) Toluene	7.384	91	289574	5.320	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	69711	4.834	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	46608	4.848	ug/L	98
47) Tetrachloroethene	7.973	164	52392	4.912	ug/L	98
48) 2-Hexanone	8.137	43	265033	53.067	ug/L	99
49) Dibromochloromethane	8.243	129	54406	4.834	ug/L	98
50) 1,2-Dibromoethane	8.349	107	41676	4.875	ug/L	97
51) Chlorobenzene	8.879	112	177509	5.006	ug/L	98
52) Ethylbenzene	9.011	91	270449	4.945	ug/L	99
53) m,p-Xylene	9.137	106	106876	5.124	ug/L	99
54) o-Xylene	9.542	106	103280	5.062	ug/L	98
55) Styrene	9.558	104	185347	5.283	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	55864	5.213	ug/L	95
59) Bromoform	9.731	173	25469	4.434	ug/L	98
60) Isopropylbenzene	9.931	105	270633	5.044	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	39818	4.853	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	69364	4.678	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	203913	4.797	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	138759	5.176	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	135338	5.017	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	125615	5.031	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	8090	4.720	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	94364	4.881	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	67953	4.704	ug/L	97
71) Naphthalene	13.500	128	93111	4.171	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	62131	4.614	ug/L	97

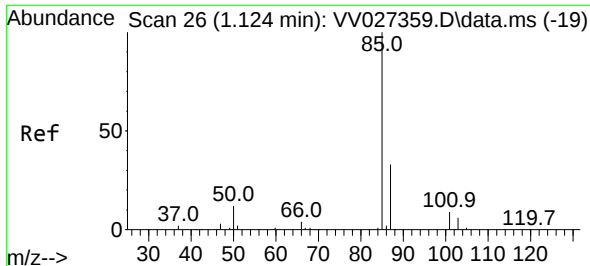
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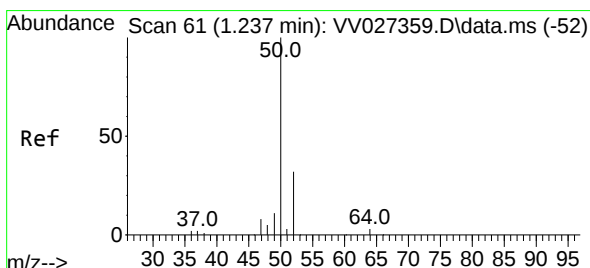
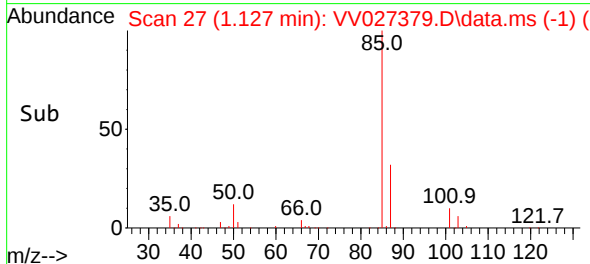
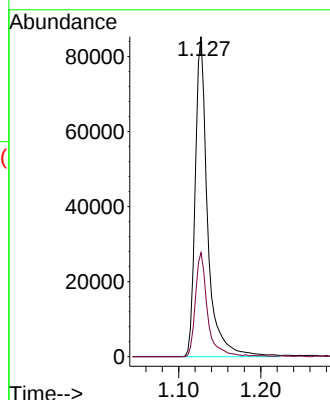
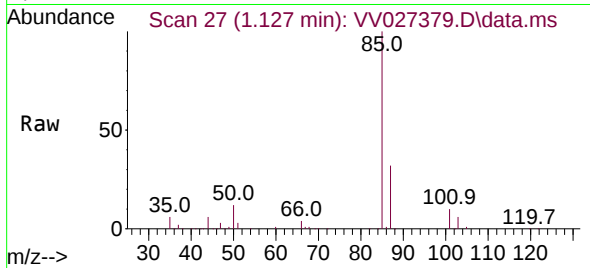




#2
 Dichlorodifluoromethane
 Concen: 5.050 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV027379.D
 Acq: 13 Aug 2022 19:40

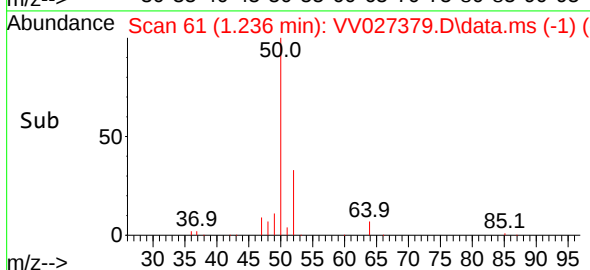
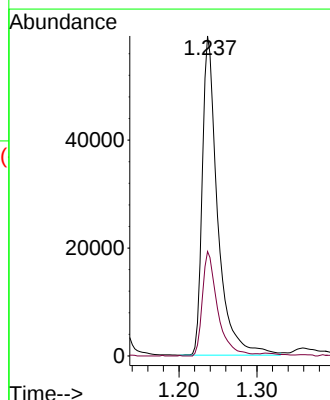
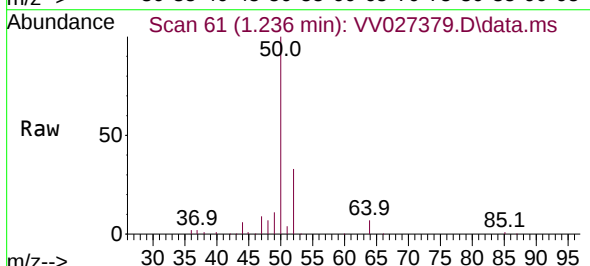
Instrument :
 MSVOA_V
 ClientSampleId :

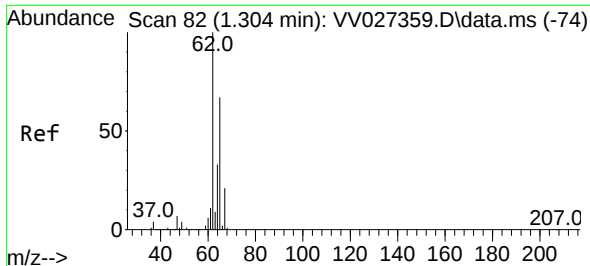
Tgt Ion: 85 Resp: 89514
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.2 39.4



#3
 Chloromethane
 Concen: 4.578 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV027379.D
 Acq: 13 Aug 2022 19:40

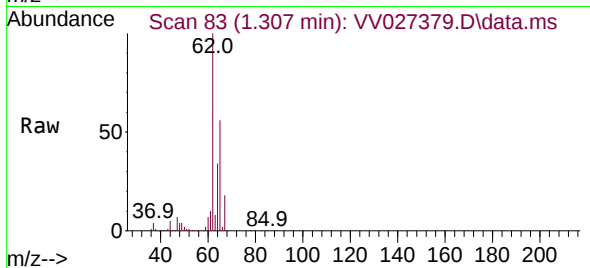
Tgt Ion: 50 Resp: 81170
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.4 43.4



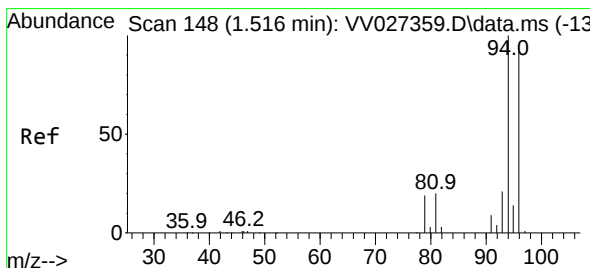
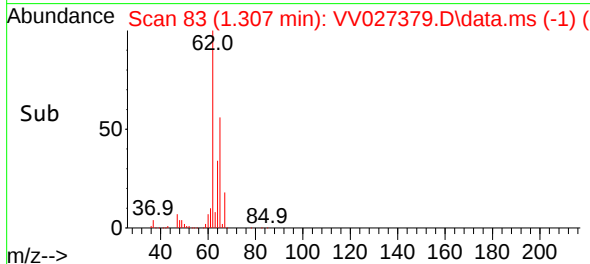
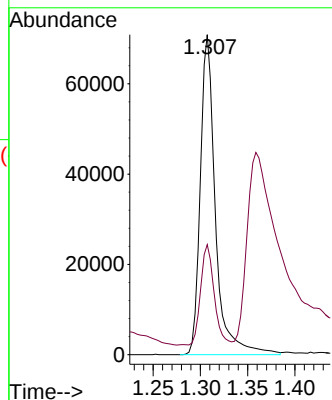


#5
 Vinyl chloride
 Concen: 4.761 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV027379.D
 Acq: 13 Aug 2022 19:40

Instrument :
 MSVOA_V
 ClientSampleId :

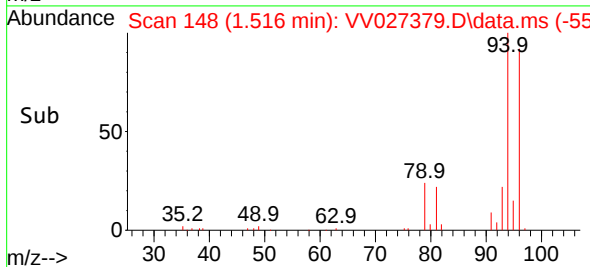
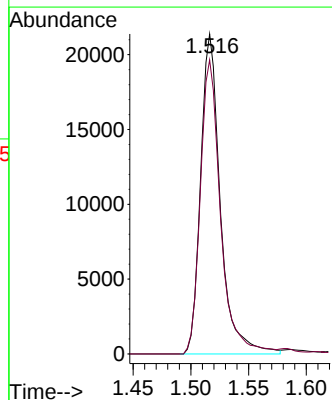
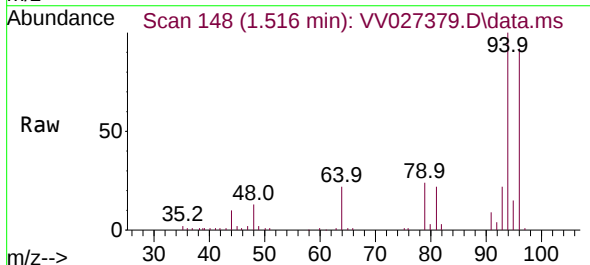


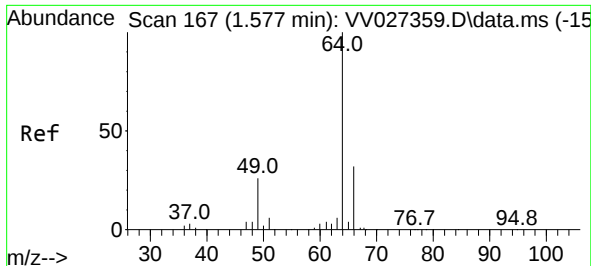
Tgt Ion: 62 Resp: 78730
 Ion Ratio Lower Upper
 62 100
 64 34.4 23.7 44.1



#6
 Bromomethane
 Concen: 3.288 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV027379.D
 Acq: 13 Aug 2022 19:40

Tgt Ion: 94 Resp: 25387
 Ion Ratio Lower Upper
 94 100
 96 91.9 67.2 124.8

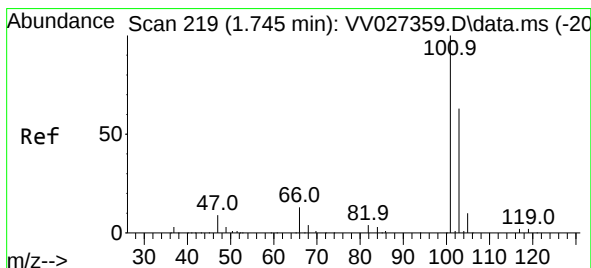
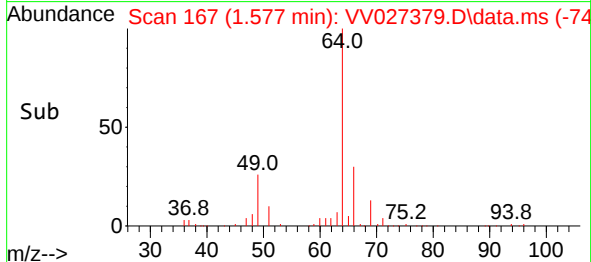
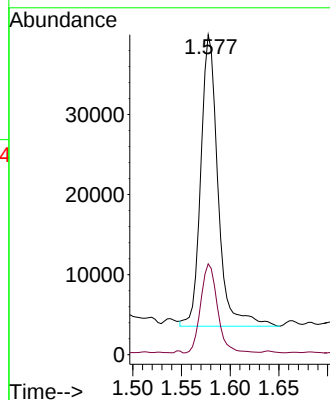
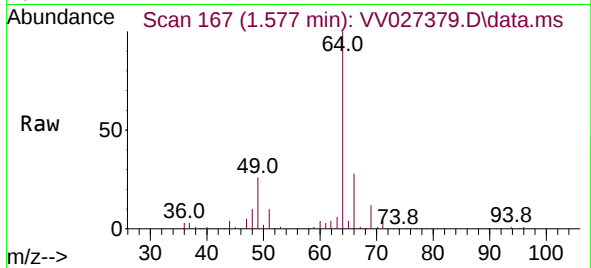




#8
Chloroethane
Concen: 4.872 ug/L
RT: 1.577 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV027379.D
Acq: 13 Aug 2022 19:40

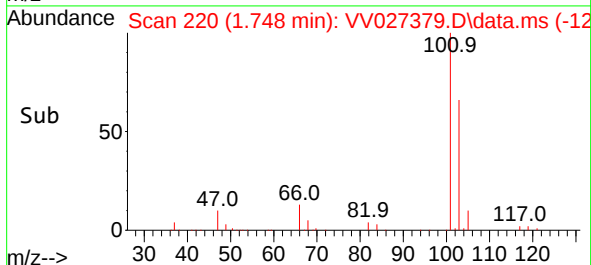
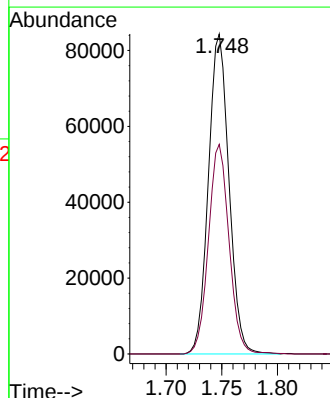
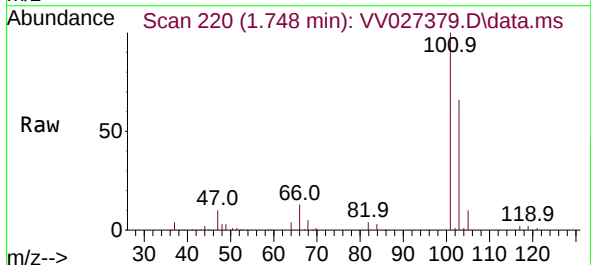
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MSVOA_V
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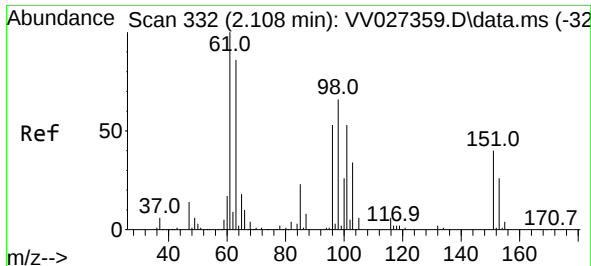
Tgt Ion: 64 Resp: 44799
Ion Ratio Lower Upper
64 100
66 28.4 22.3 41.5



#9
Trichlorofluoromethane
Concen: 4.899 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.003 min
Lab File: VV027379.D
Acq: 13 Aug 2022 19:40

Tgt Ion:101 Resp: 108158
Ion Ratio Lower Upper
101 100
103 65.7 51.4 77.0

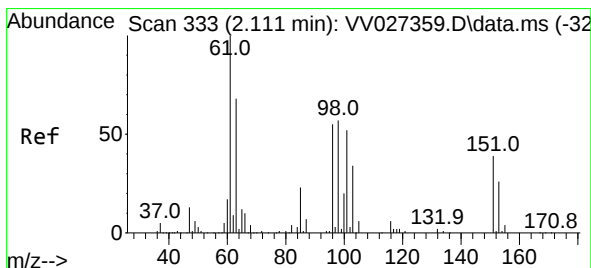
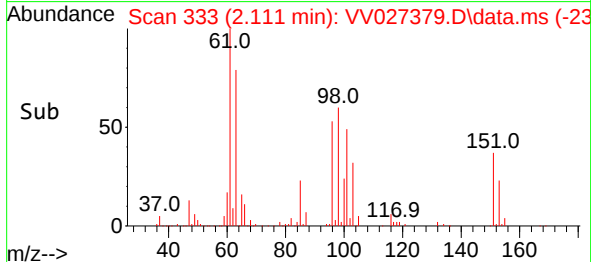
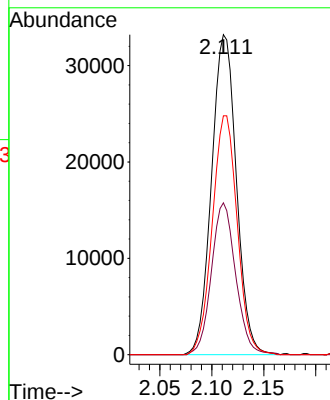
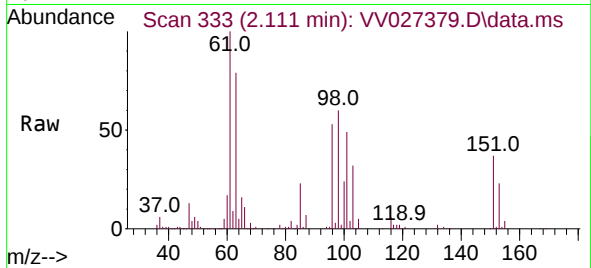




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.336 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.003 min
Lab File: VV027379.D
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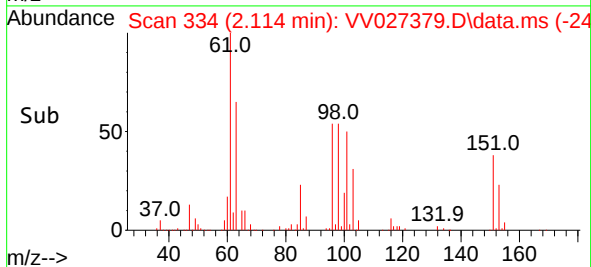
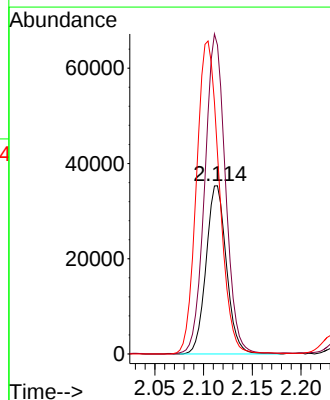
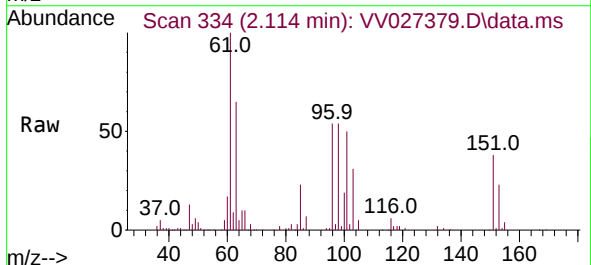
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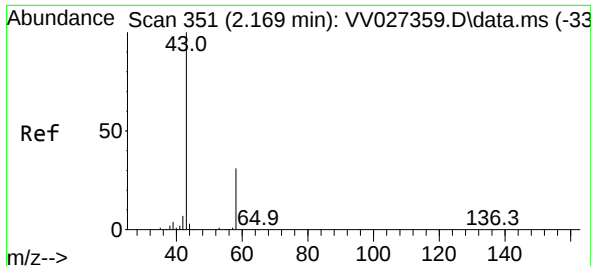
Tgt Ion:101 Resp: 55328
Ion Ratio Lower Upper
101 100
85 46.2 36.2 54.4
151 74.9 62.0 93.0



#12
1,1-Dichloroethene
Concen: 4.766 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV027379.D
Acq: 13 Aug 2022 19:40

Tgt Ion: 96 Resp: 51194
Ion Ratio Lower Upper
96 100
61 183.6 130.7 242.7
63 119.3 101.4 188.2





#13

Acetone

Concen: 53.813 ug/L

RT: 2.166 min Scan# 351

Delta R.T. -0.003 min

Lab File: VV027379.D

Acq: 13 Aug 2022 19:40

Instrument :

MSVOA_V

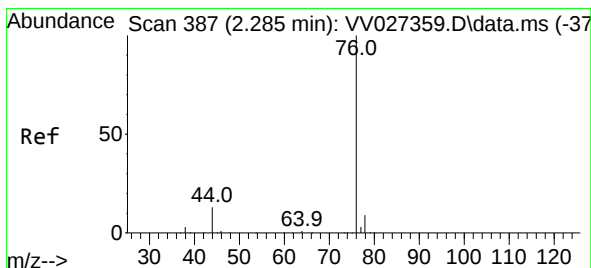
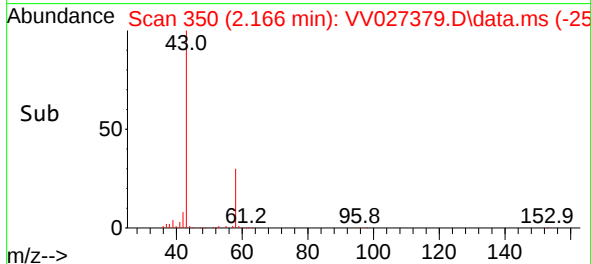
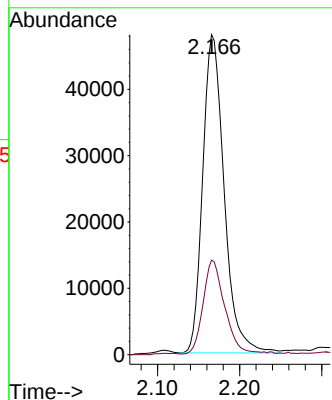
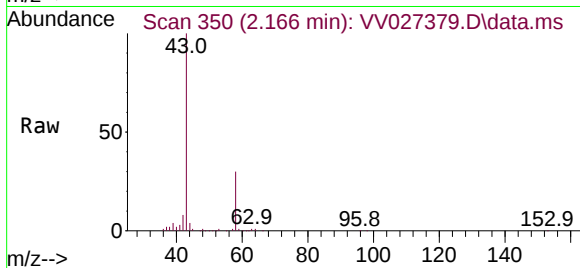
ClientSampleId :

Tgt Ion: 43 Resp: 87274

Ion Ratio Lower Upper

43 100

58 29.6 0.0 63.2



#14

Carbon disulfide

Concen: 4.238 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV027379.D

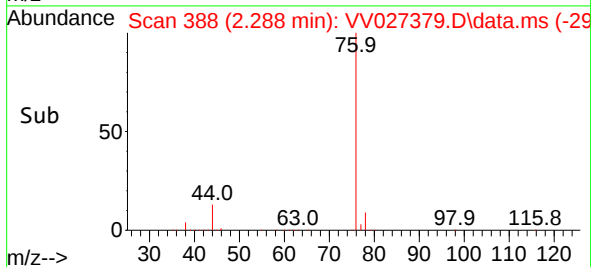
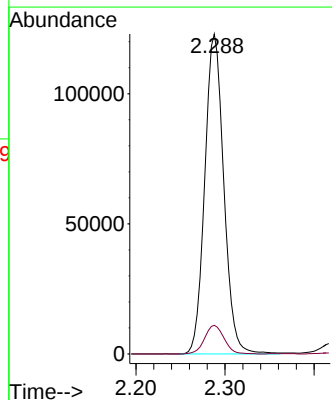
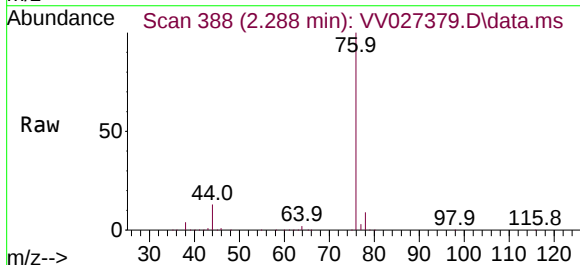
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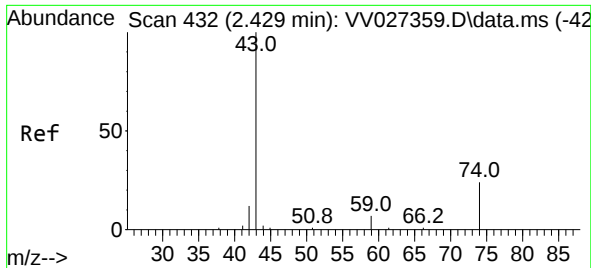
Tgt Ion: 76 Resp: 182286

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8





#15

Methyl Acetate

Concen: 5.930 ug/L

RT: 2.429 min Scan# 41

Delta R.T. -0.000 min

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Instrument :

MSVOA_V

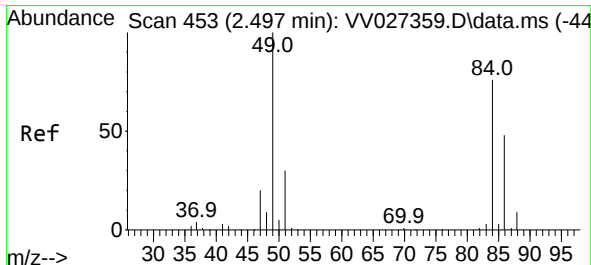
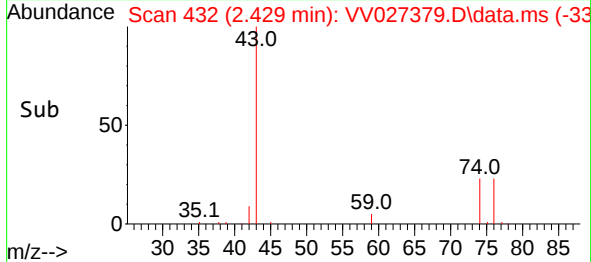
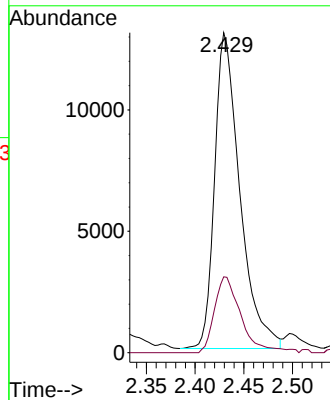
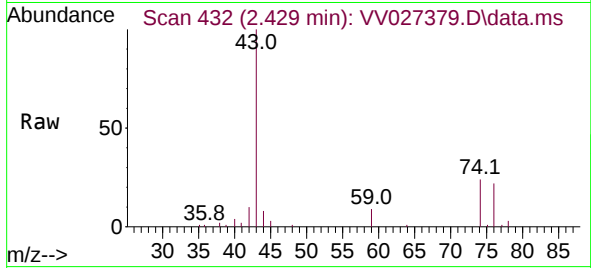
ClientSampleId :

Tgt Ion: 43 Resp: 23416

Ion Ratio Lower Upper

43 100

74 25.0 21.8 32.8



#16

Methylene chloride

Concen: 4.346 ug/L

RT: 2.500 min Scan# 454

Delta R.T. 0.003 min

Lab File: VV027379.D

Acq: 13 Aug 2022 19:40

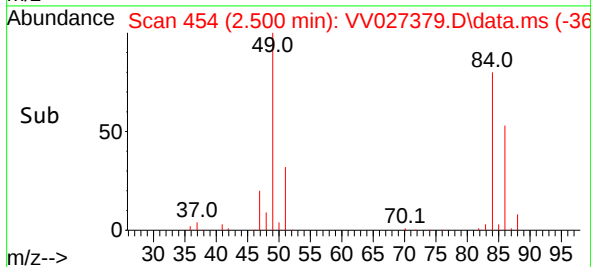
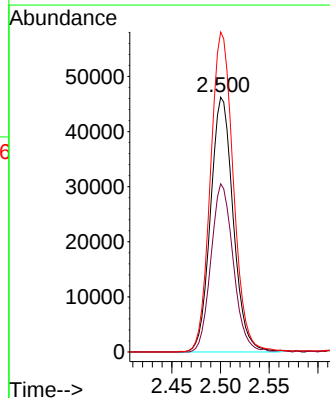
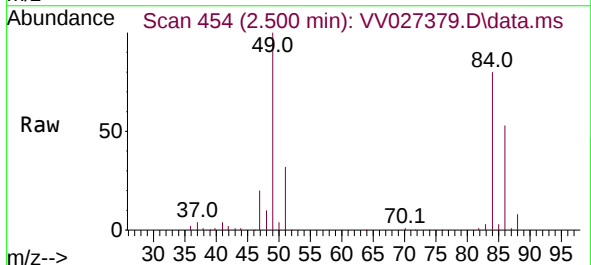
Tgt Ion: 84 Resp: 74969

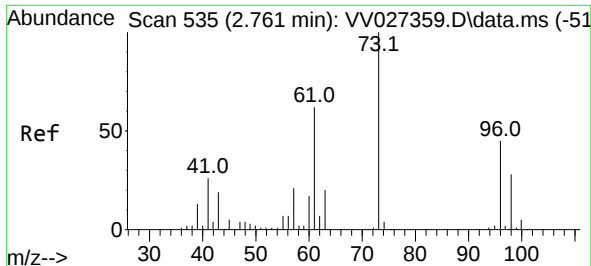
Ion Ratio Lower Upper

84 100

86 66.0 45.1 83.9

49 125.6 91.2 169.4

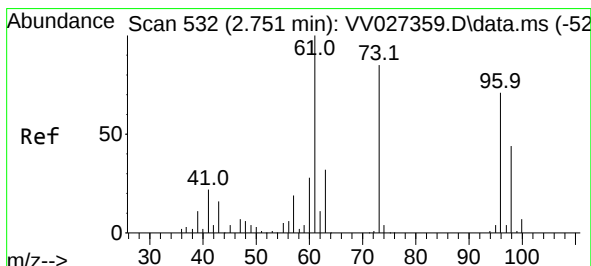
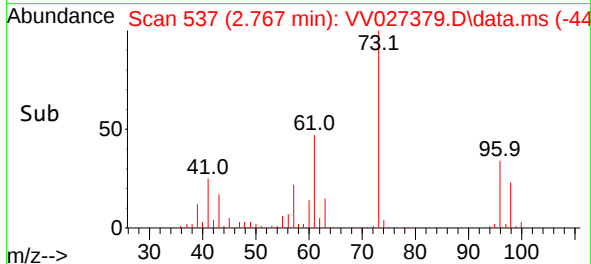
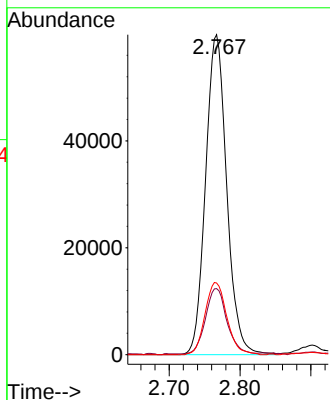
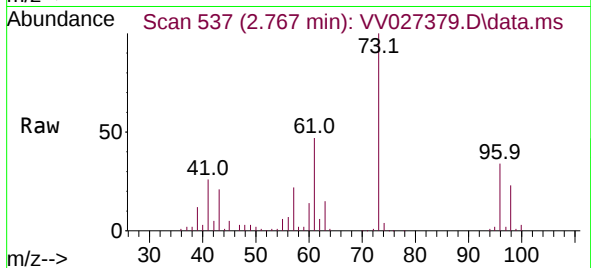




#17
Methyl tert-butyl Ether
Concen: 4.947 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV027379.D
Acq: 13 Aug 2022 19:40

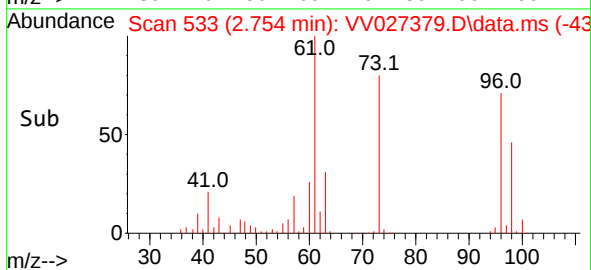
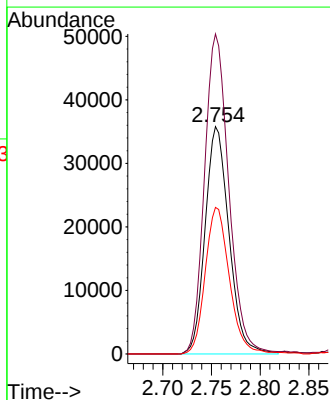
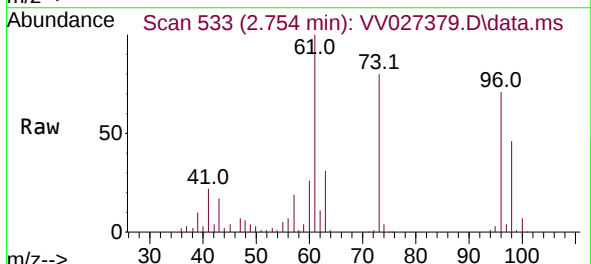
Instrument :
MSVOA_V
ClientSampleId :

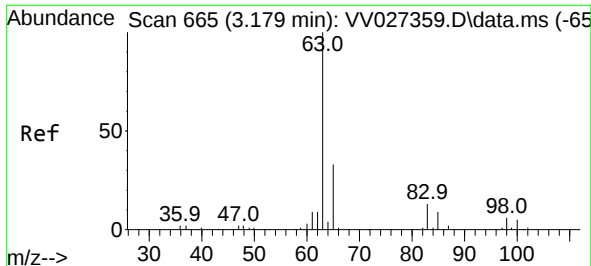
Tgt Ion: 73 Resp: 124026
Ion Ratio Lower Upper
73 100
43 20.6 15.8 23.8
57 23.2 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 4.617 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV027379.D
Acq: 13 Aug 2022 19:40

Tgt Ion: 96 Resp: 60998
Ion Ratio Lower Upper
96 100
61 140.7 99.6 185.0
98 64.4 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.017 ug/L

RT: 3.185 min Scan# 667

Delta R.T. 0.006 min

Lab File: VV027379.D

Acq: 13 Aug 2022 19:40

Instrument :

MSVOA_V

ClientSampleId :

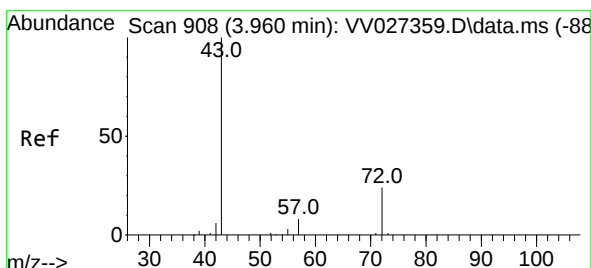
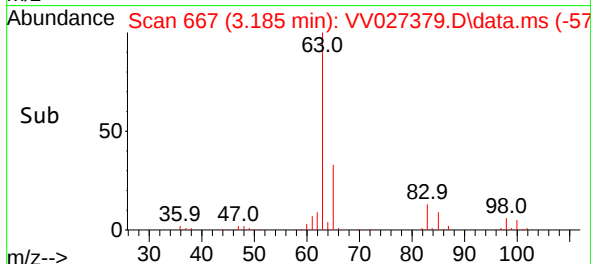
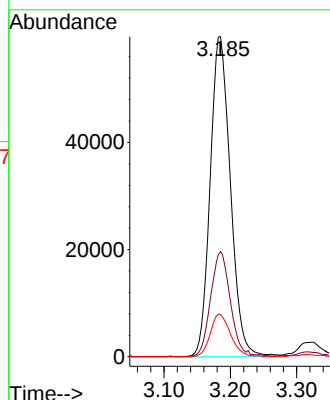
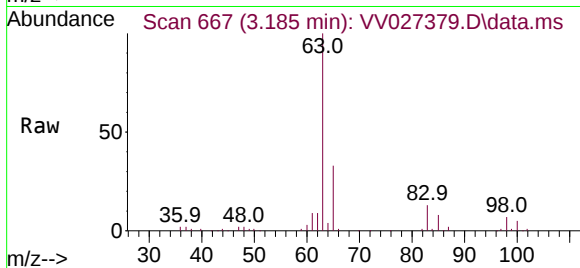
Tgt Ion: 63 Resp: 126909

Ion Ratio Lower Upper

63 100

65 32.9 21.6 40.2

83 13.1 9.3 17.3



#21

2-Butanone

Concen: 62.180 ug/L

RT: 3.963 min Scan# 909

Delta R.T. 0.003 min

Lab File: VV027379.D

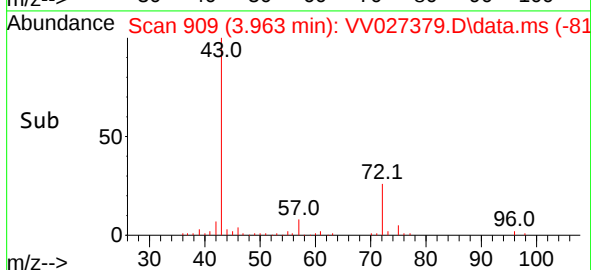
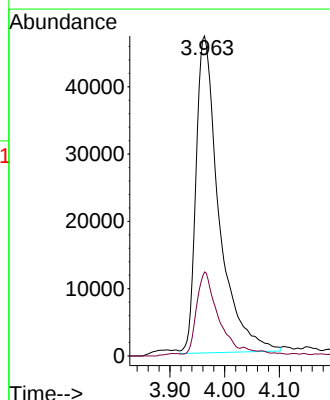
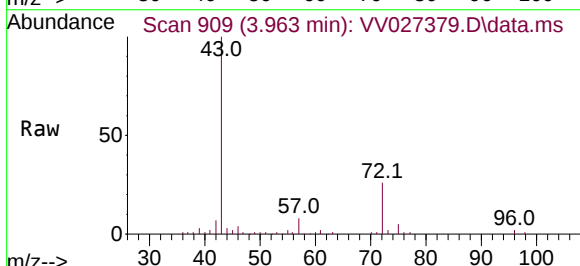
Acq: 13 Aug 2022 19:40

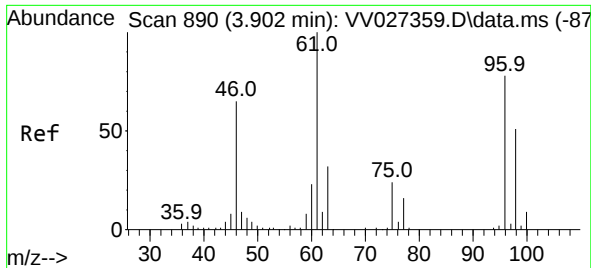
Tgt Ion: 43 Resp: 137310

Ion Ratio Lower Upper

43 100

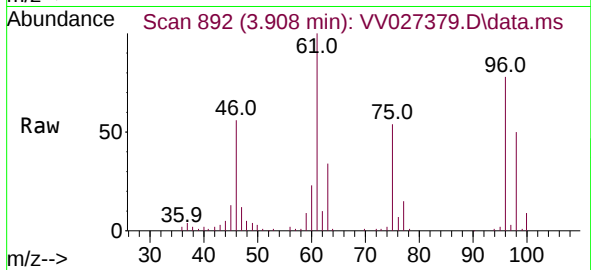
72 23.2 12.9 38.6





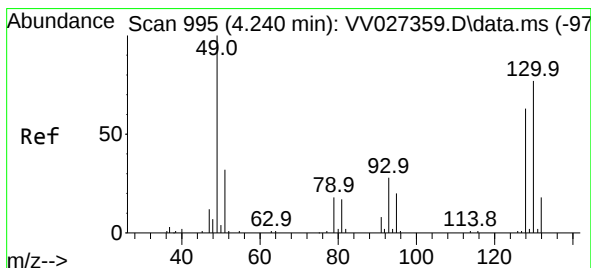
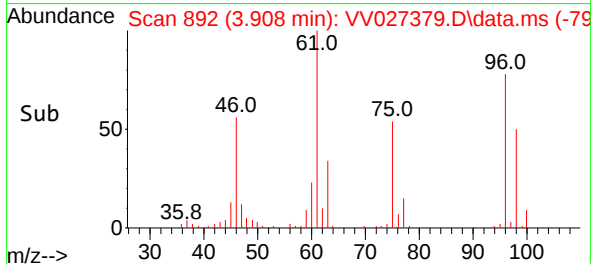
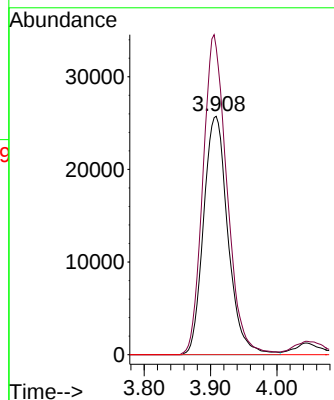
#22
 cis-1,2-Dichloroethene
 Concen: 5.051 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV027379.D
 Acq: 13 Aug 2022 19:40

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 65614

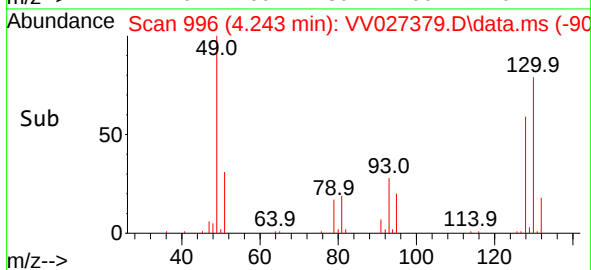
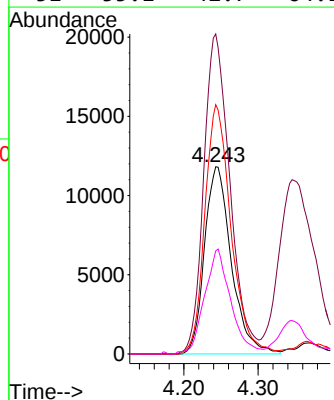
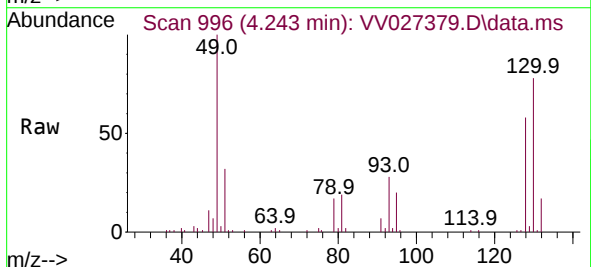
Ion	Ratio	Lower	Upper
96	100		
61	128.9	91.3	169.5
68	0.0	0.0	0.0

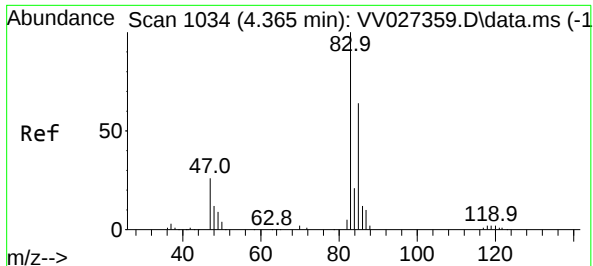


#23
 Bromochloromethane
 Concen: 4.883 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.003 min
 Lab File: VV027379.D
 Acq: 13 Aug 2022 19:40

Tgt Ion: 128 Resp: 29654

Ion	Ratio	Lower	Upper
128	100		
49	171.0	118.5	220.1
130	133.2	90.3	167.7
51	55.1	42.7	64.1





#25

Chloroform

Concen: 5.051 ug/L

RT: 4.368 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VV027379.D

Acq: 13 Aug 2022 19:40

Instrument :

MSVOA_V

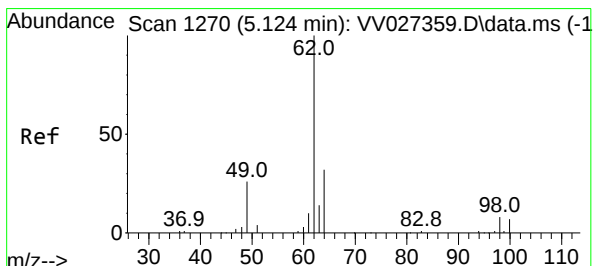
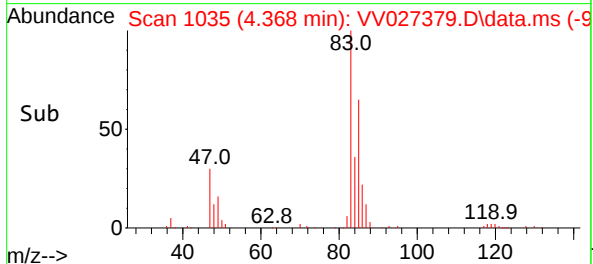
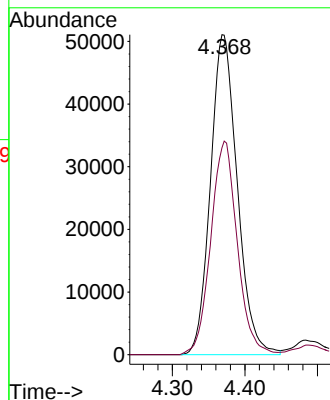
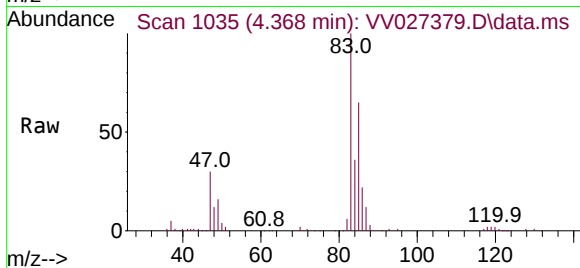
ClientSampleId :

Tgt Ion: 83 Resp: 131268

Ion Ratio Lower Upper

83 100

85 64.7 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.065 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.003 min

Lab File: VV027379.D

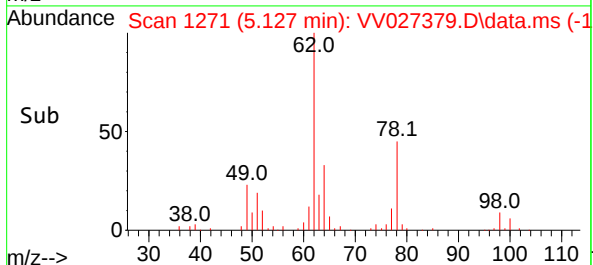
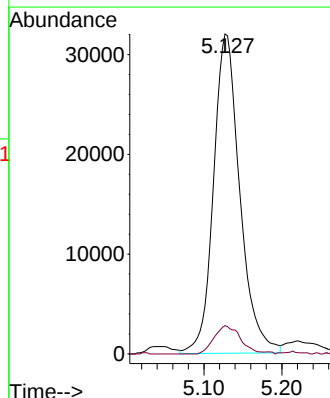
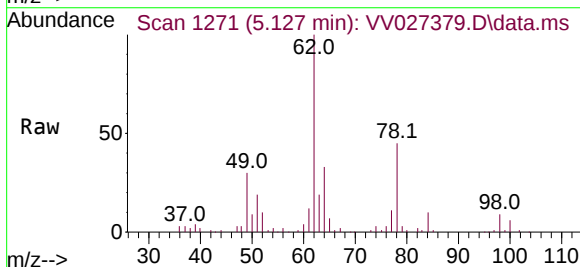
Acq: 13 Aug 2022 19:40

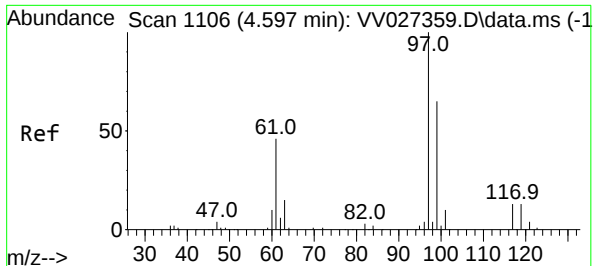
Tgt Ion: 62 Resp: 75226

Ion Ratio Lower Upper

62 100

98 8.9 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.027 ug/L

RT: 4.603 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VV027379.D

Acq: 13 Aug 2022 19:40

Instrument :

MSVOA_V

ClientSampleId :

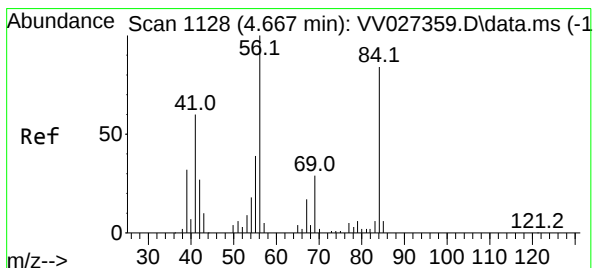
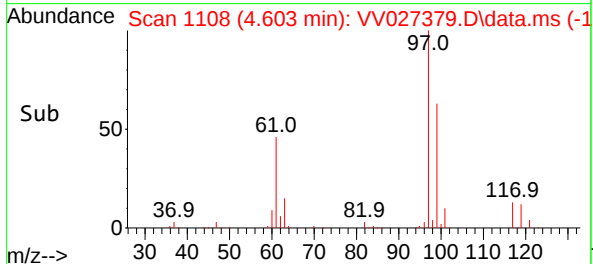
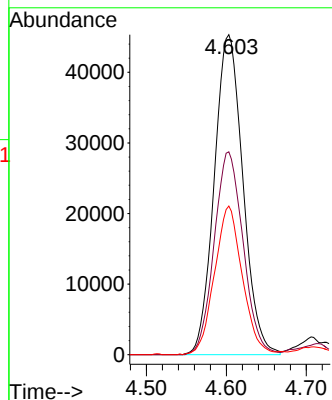
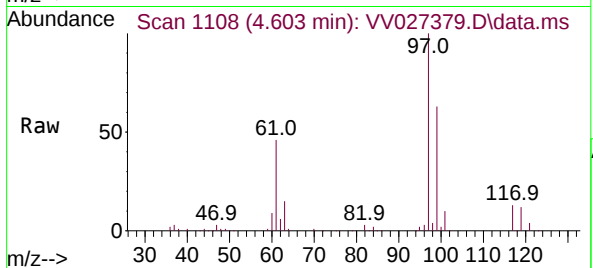
Tgt Ion: 97 Resp: 112942

Ion Ratio Lower Upper

97 100

99 64.0 50.8 76.2

61 45.0 36.5 54.7



#30

Cyclohexane

Concen: 4.610 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VV027379.D

Acq: 13 Aug 2022 19:40

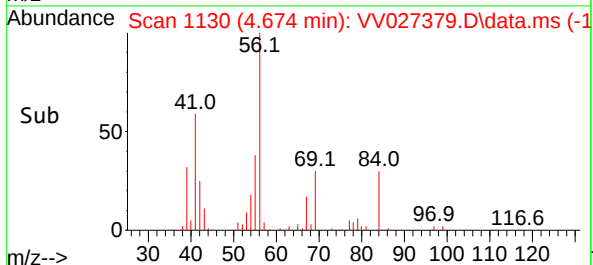
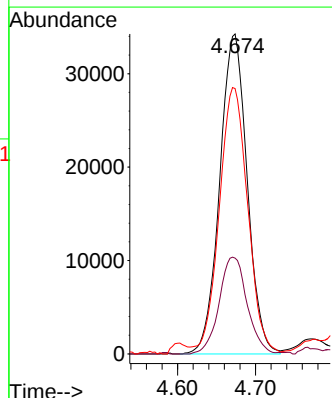
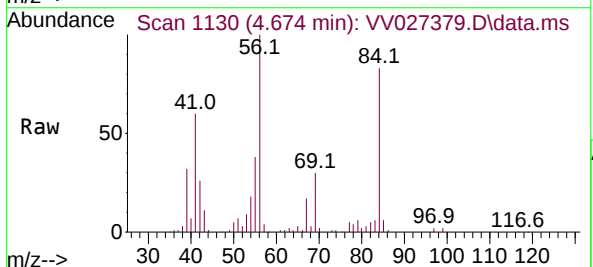
Tgt Ion: 56 Resp: 83899

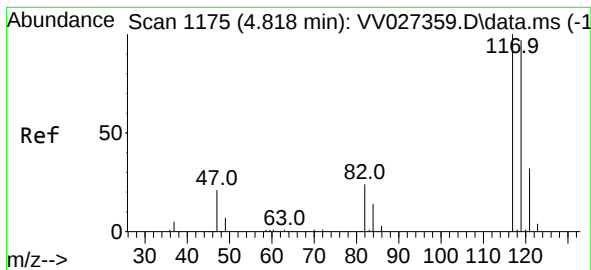
Ion Ratio Lower Upper

56 100

69 30.8 24.0 36.0

84 86.6 69.1 103.7





#31

Carbon tetrachloride

Concen: 4.827 ug/L

RT: 4.825 min Scan# 1177

Delta R.T. 0.006 min

Lab File: VV027379.D

Acq: 13 Aug 2022 19:40

Instrument :

MSVOA_V

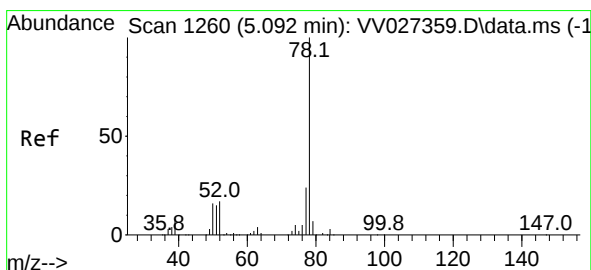
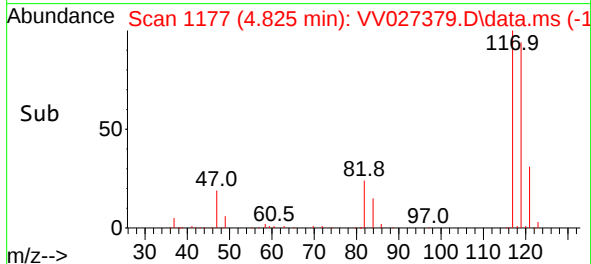
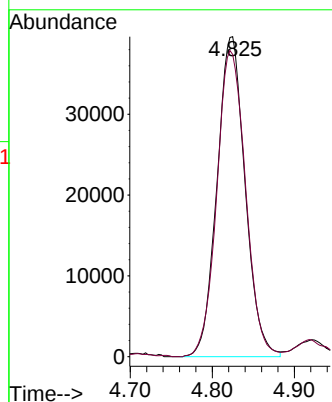
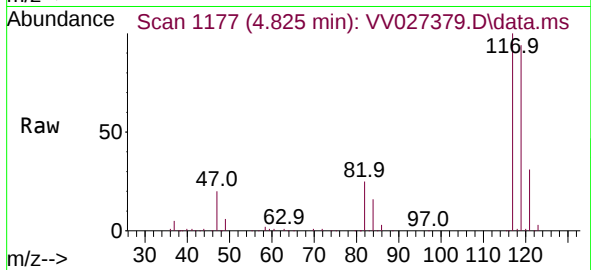
ClientSampleId :

Tgt Ion:117 Resp: 94368

Ion Ratio Lower Upper

117 100

119 98.0 76.6 115.0



#33

Benzene

Concen: 4.689 ug/L

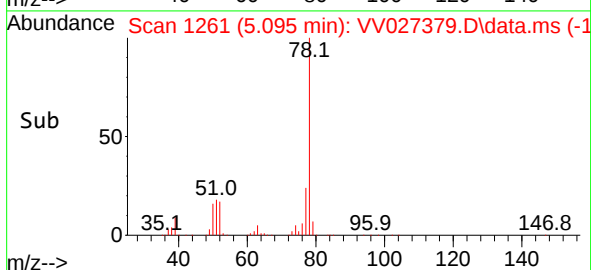
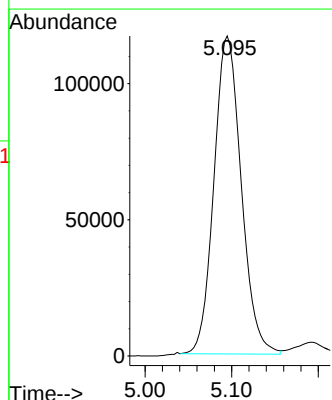
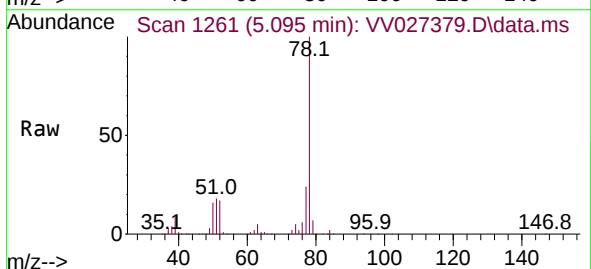
RT: 5.095 min Scan# 1261

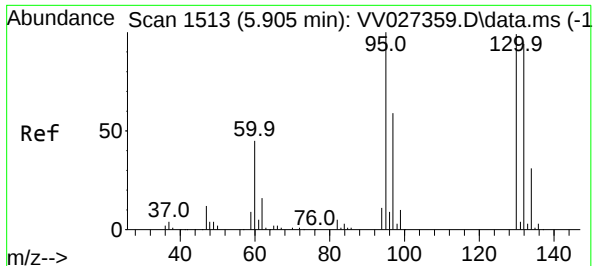
Delta R.T. 0.003 min

Lab File: VV027379.D

Acq: 13 Aug 2022 19:40

Tgt Ion: 78 Resp: 255858



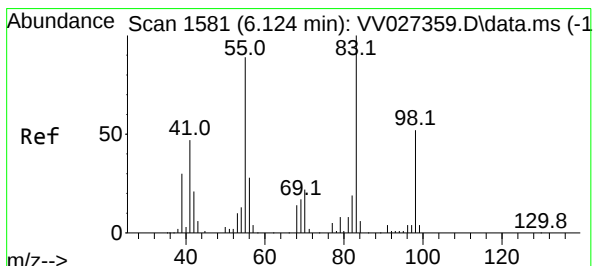
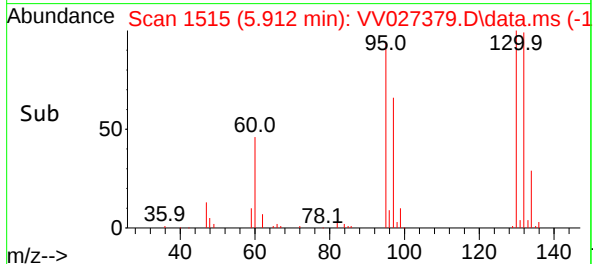
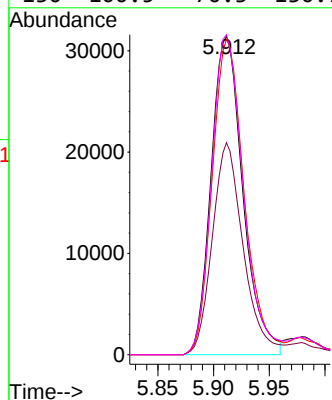
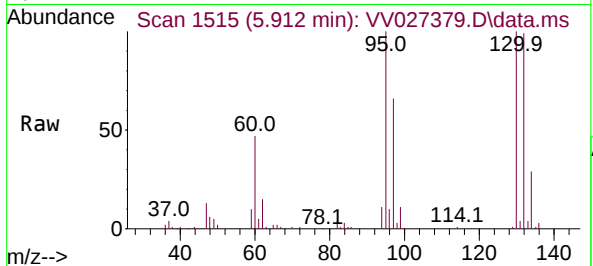


#34
Trichloroethene
Concen: 4.590 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.006 min
Lab File: VV027379.D
Acq: 13 Aug 2022 19:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 62330

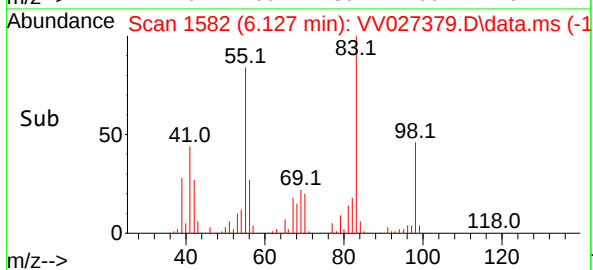
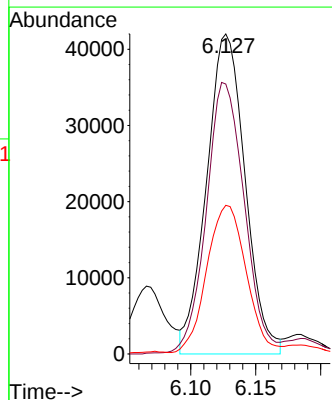
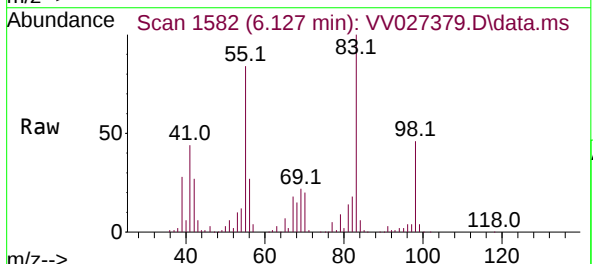
Ion	Ratio	Lower	Upper
95	100		
97	66.6	45.5	84.5
132	99.0	68.2	126.6
130	100.5	70.3	130.7

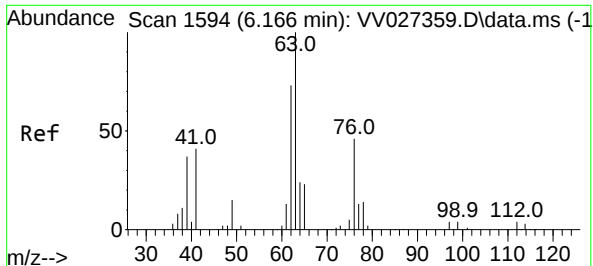


#35
Methylcyclohexane
Concen: 4.637 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV027379.D
Acq: 13 Aug 2022 19:40

Tgt Ion: 83 Resp: 86698

Ion	Ratio	Lower	Upper
83	100		
55	83.9	67.0	100.6
98	47.1	38.7	58.1





#37

1,2-Dichloropropane

Concen: 5.276 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027379.D

Acq: 13 Aug 2022 19:40

Instrument :

MSVOA_V

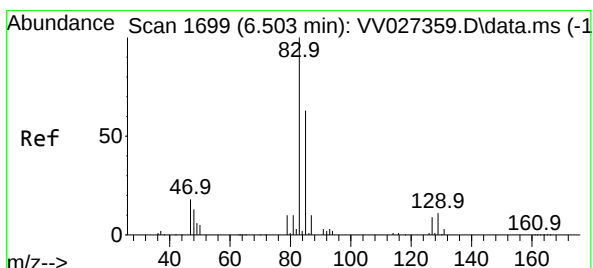
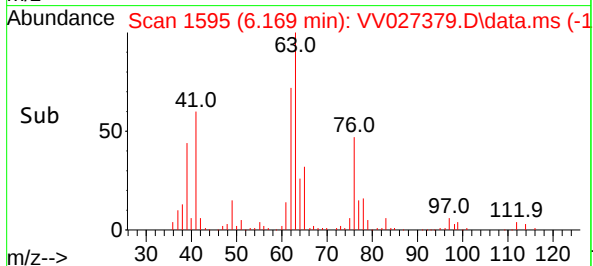
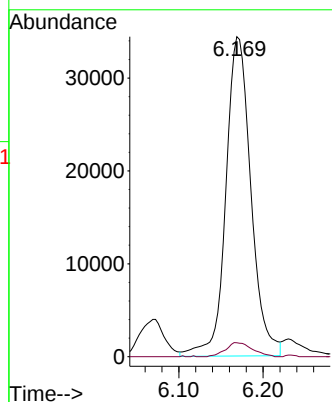
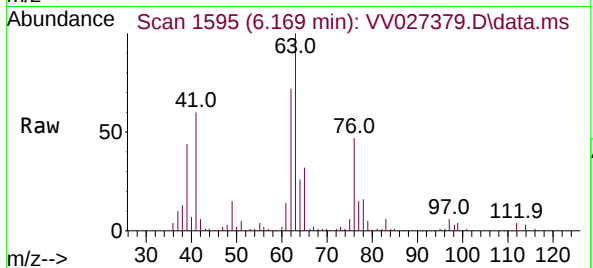
ClientSampleId :

Tgt Ion: 63 Resp: 71147

Ion Ratio Lower Upper

63 100

112 4.7 4.0 6.0



#38

Bromodichloromethane

Concen: 5.155 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV027379.D

Acq: 13 Aug 2022 19:40

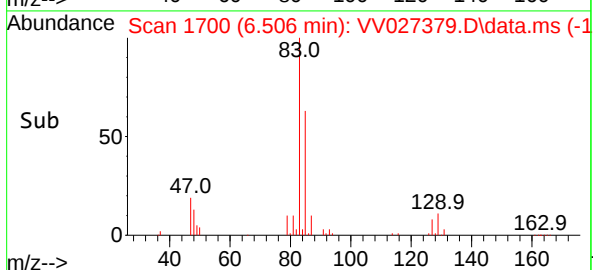
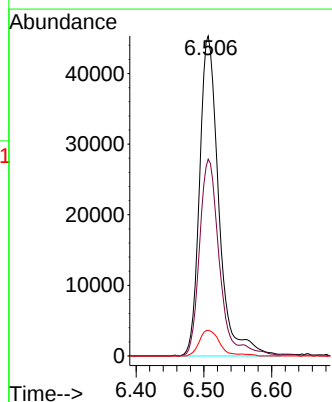
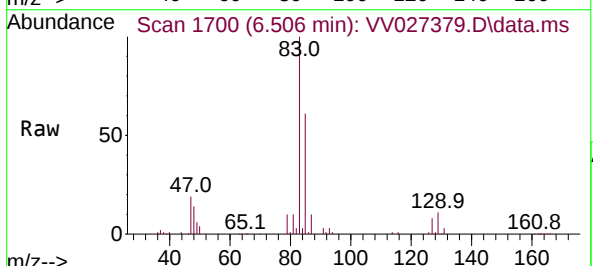
Tgt Ion: 83 Resp: 89600

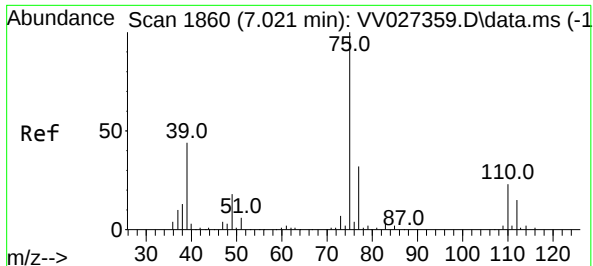
Ion Ratio Lower Upper

83 100

85 61.5 45.4 84.4

127 8.0 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 4.873 ug/L

RT: 7.024 min Scan# 1860

Delta R.T. 0.003 min

Lab File: VV027379.D

Acq: 13 Aug 2022 19:40

Instrument :

MSVOA_V

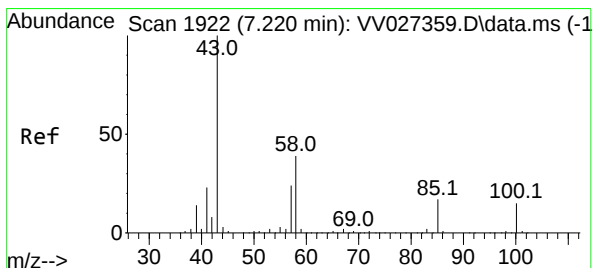
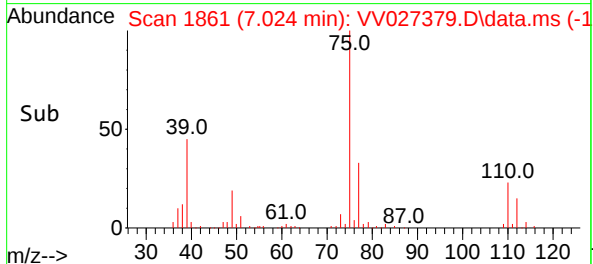
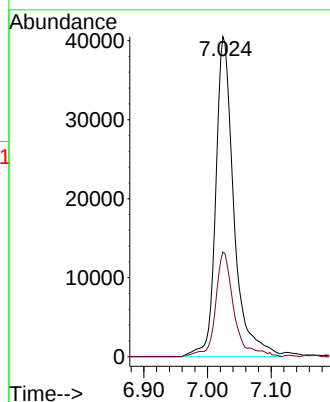
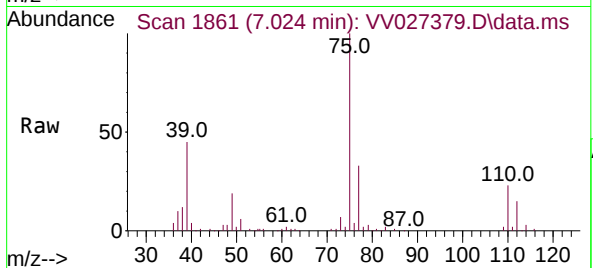
ClientSampleId :

Tgt Ion: 75 Resp: 80331

Ion Ratio Lower Upper

75 100

77 32.7 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 50.909 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV027379.D

Acq: 13 Aug 2022 19:40

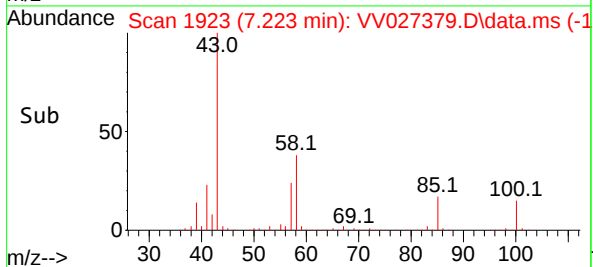
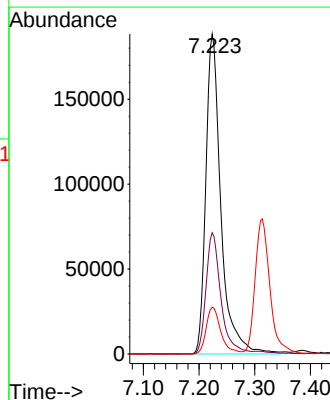
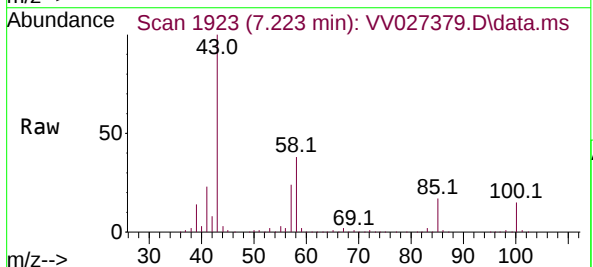
Tgt Ion: 43 Resp: 354313

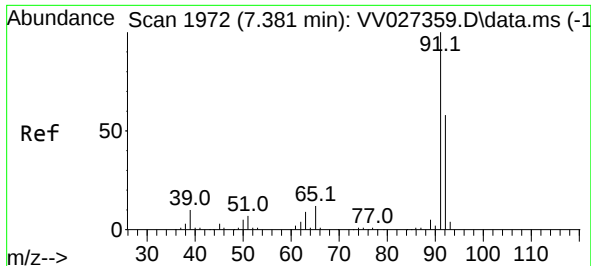
Ion Ratio Lower Upper

43 100

58 37.4 31.0 46.4

100 14.2 10.9 16.3





#42

Toluene

Concen: 5.320 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. 0.003 min

Lab File: VV027379.D

Acq: 13 Aug 2022 19:40

Instrument :

MSVOA_V

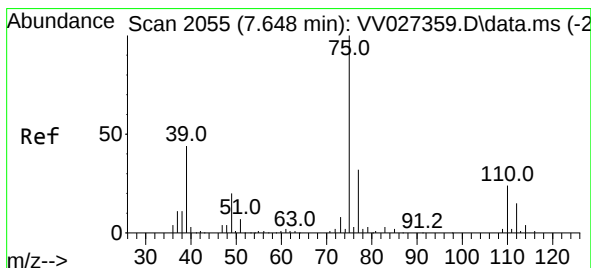
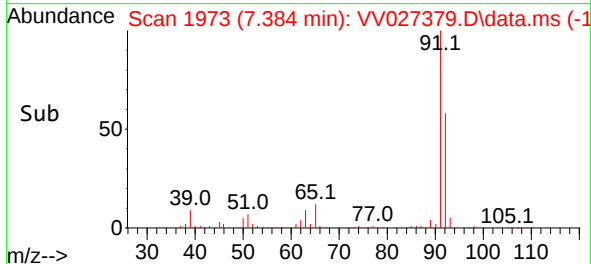
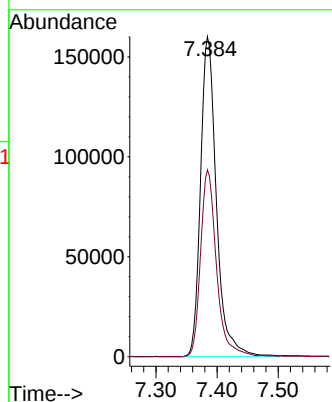
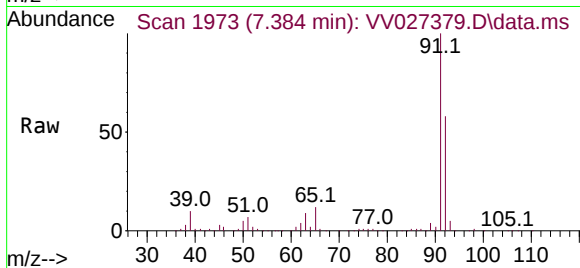
ClientSampleId :

Tgt Ion: 91 Resp: 289574

Ion Ratio Lower Upper

91 100

92 58.4 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 4.834 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV027379.D

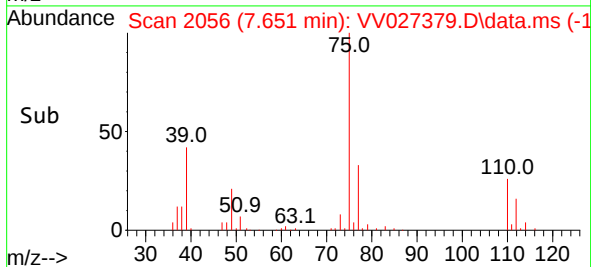
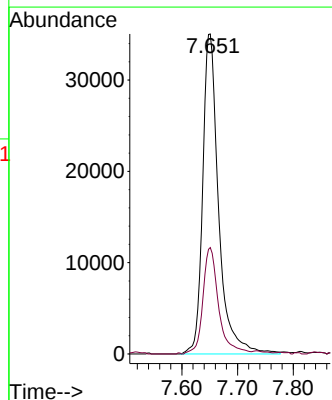
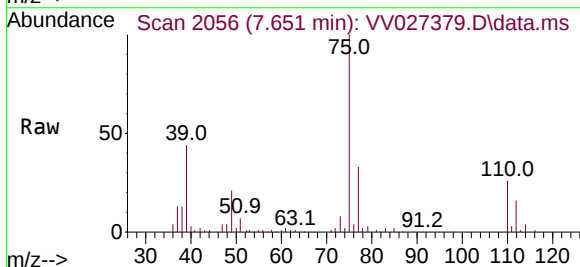
Acq: 13 Aug 2022 19:40

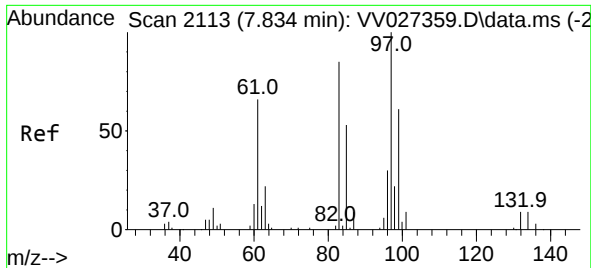
Tgt Ion: 75 Resp: 69711

Ion Ratio Lower Upper

75 100

77 33.2 21.9 40.7

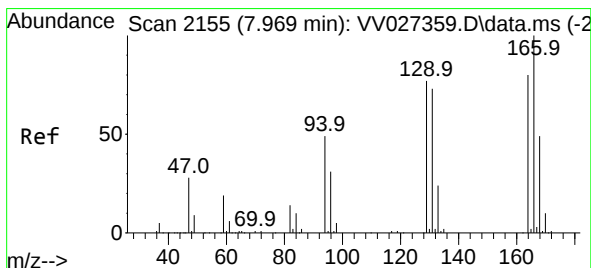
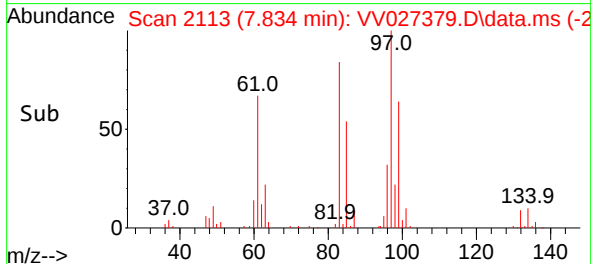
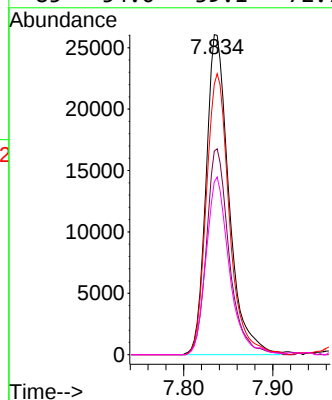
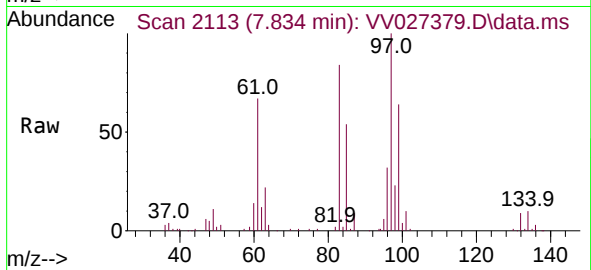




#45
1,1,2-Trichloroethane
Concen: 4.848 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VV027379.D
Acq: 13 Aug 2022 19:40

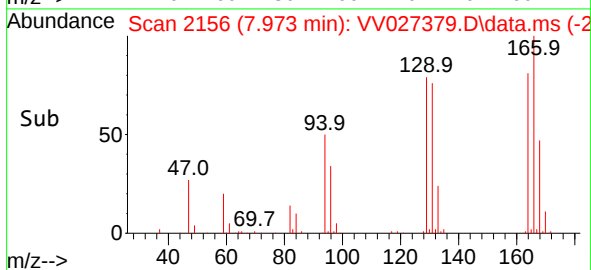
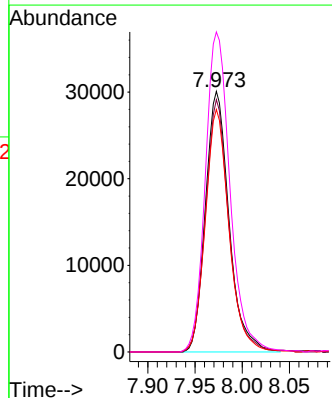
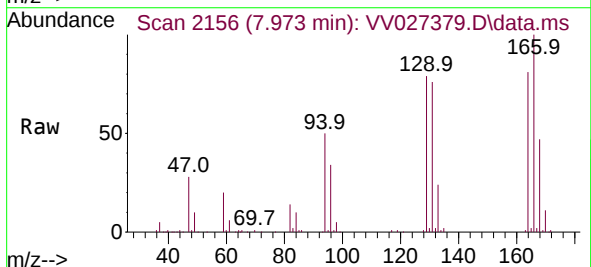
Instrument :
MSVOA_V
ClientSampleId :

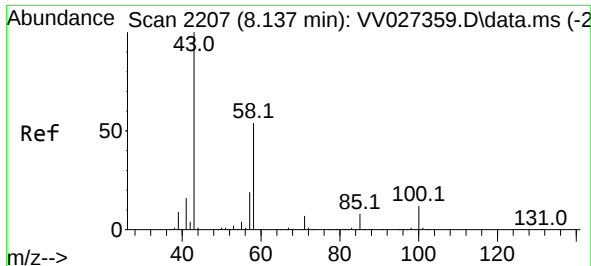
Tgt Ion:	97	Resp:	46608
Ion	Ratio	Lower	Upper
97	100		
99	63.6	43.7	81.1
83	84.5	59.8	111.0
85	54.0	39.1	72.7



#47
Tetrachloroethene
Concen: 4.912 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV027379.D
Acq: 13 Aug 2022 19:40

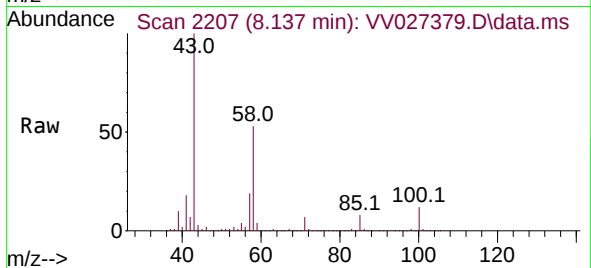
Tgt Ion:	164	Resp:	52392
Ion	Ratio	Lower	Upper
164	100		
129	96.8	69.0	128.1
131	93.1	64.7	120.1
166	122.8	89.4	166.0



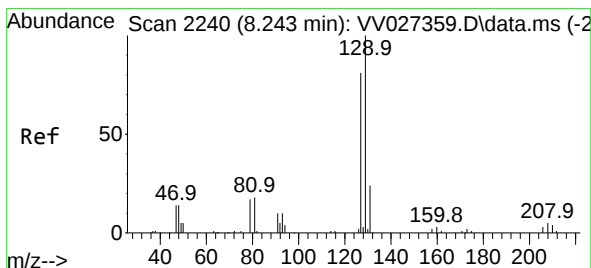
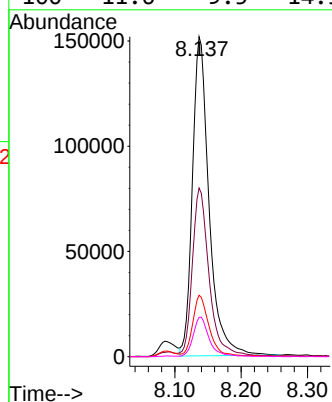
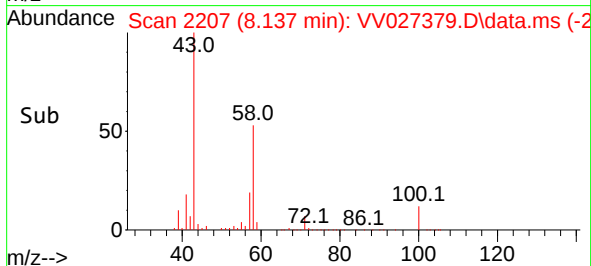


#48
2-Hexanone
Concen: 53.067 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027379.D
Acq: 13 Aug 2022 19:40

Instrument :
MSVOA_V
ClientSampleId :

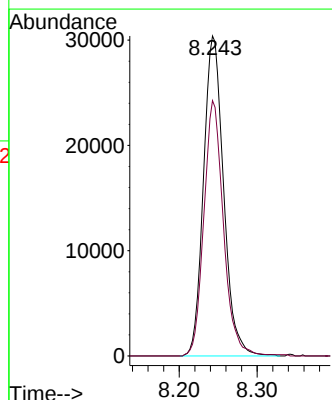
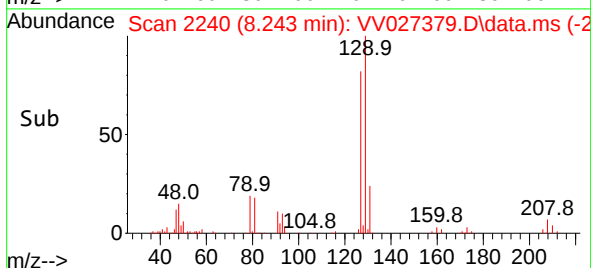
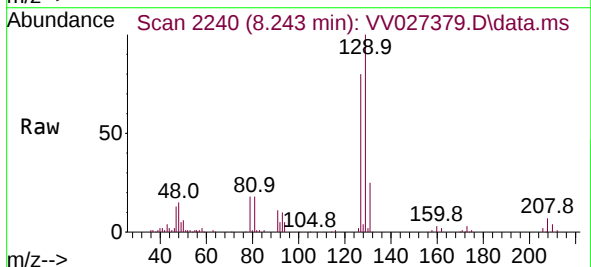


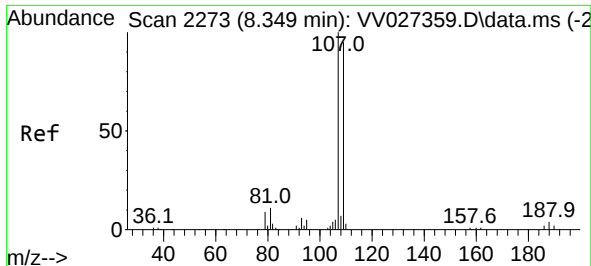
Tgt Ion: 43 Resp: 265033
Ion Ratio Lower Upper
43 100
58 53.2 42.8 64.2
57 18.4 15.2 22.8
100 11.6 9.5 14.3



#49
Dibromochloromethane
Concen: 4.834 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV027379.D
Acq: 13 Aug 2022 19:40

Tgt Ion: 129 Resp: 54406
Ion Ratio Lower Upper
129 100
127 79.8 54.5 101.3





#50

1,2-Dibromoethane

Concen: 4.875 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV027379.D

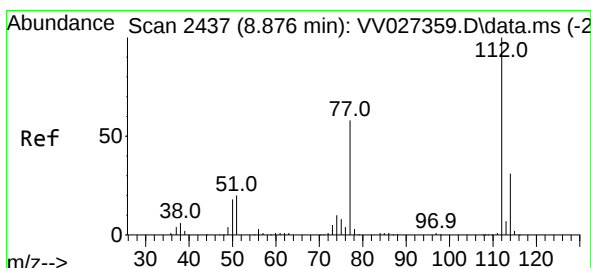
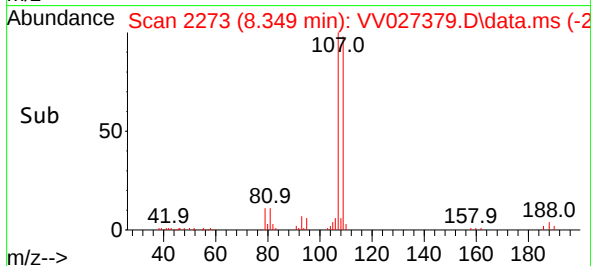
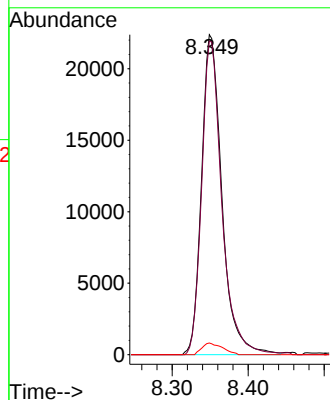
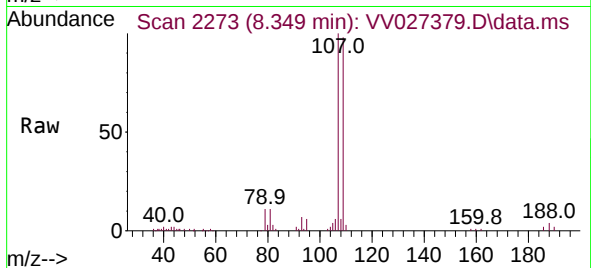
Acq: 13 Aug 2022 19:40

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	41676
Ion	Ratio	Lower Upper
107	100	
109	97.9	66.1 122.8
188	3.6	3.4 5.2



#51

Chlorobenzene

Concen: 5.006 ug/L

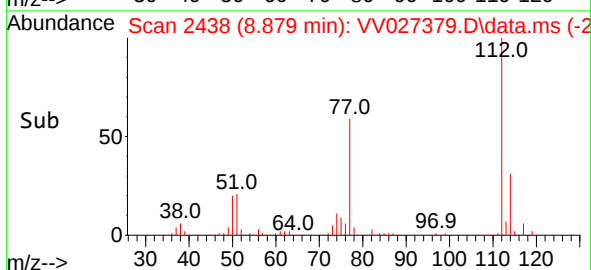
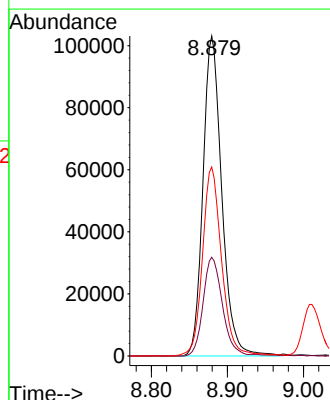
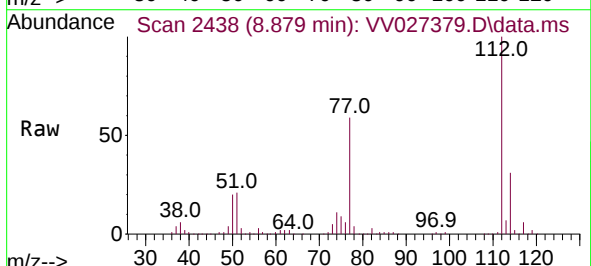
RT: 8.879 min Scan# 2438

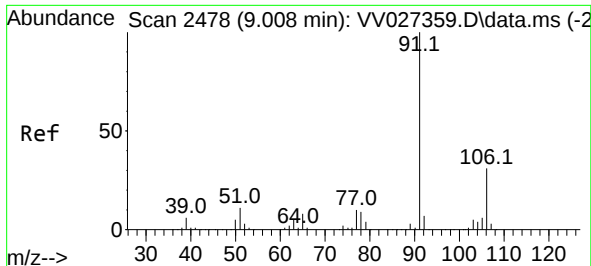
Delta R.T. 0.003 min

Lab File: VV027379.D

Acq: 13 Aug 2022 19:40

Tgt Ion:112	Resp:	177509
Ion	Ratio	Lower Upper
112	100	
114	30.9	22.5 41.9
77	59.1	46.4 69.6





#52

Ethylbenzene

Concen: 4.945 ug/L

RT: 9.011 min Scan# 2478

Delta R.T. 0.003 min

Lab File: VV027379.D

Acq: 13 Aug 2022 19:40

Instrument :

MSVOA_V

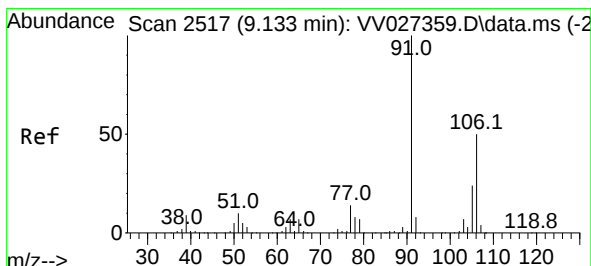
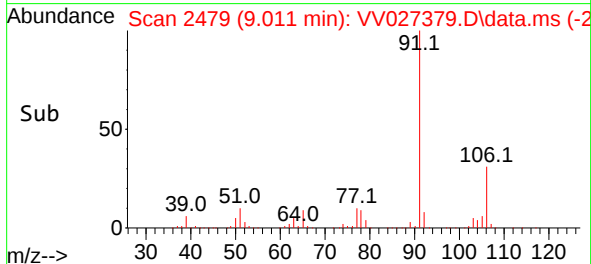
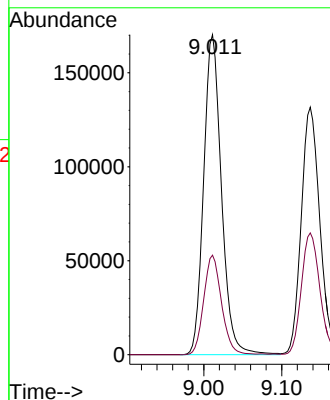
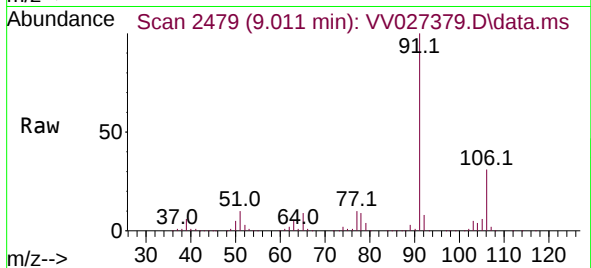
ClientSampleId :

Tgt Ion: 91 Resp: 270449

Ion Ratio Lower Upper

91 100

106 31.1 21.5 39.9



#53

m,p-Xylene

Concen: 5.124 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.003 min

Lab File: VV027379.D

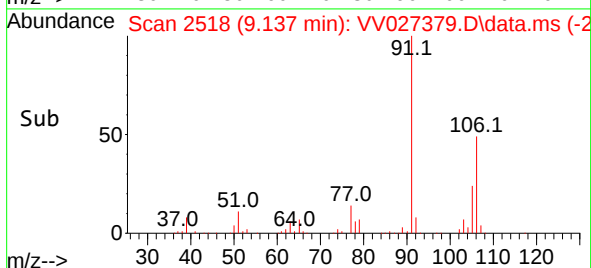
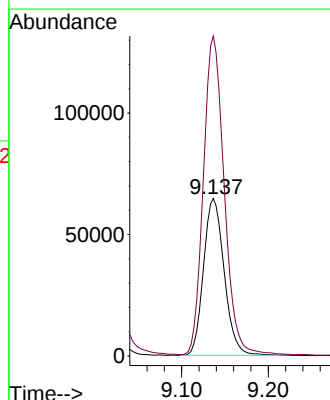
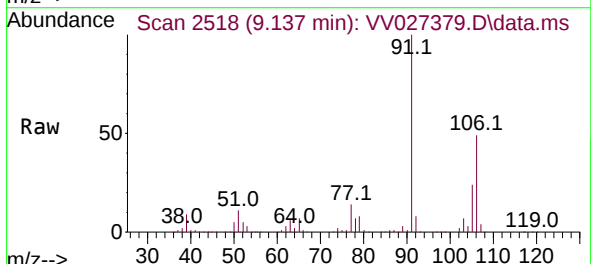
Acq: 13 Aug 2022 19:40

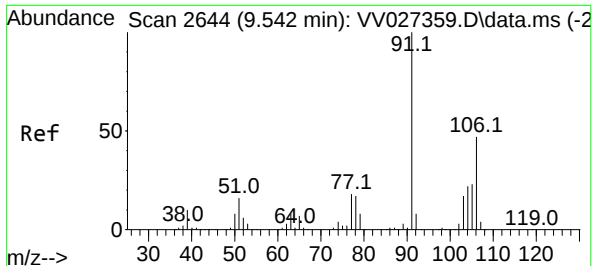
Tgt Ion: 106 Resp: 106876

Ion Ratio Lower Upper

106 100

91 203.3 141.5 262.9

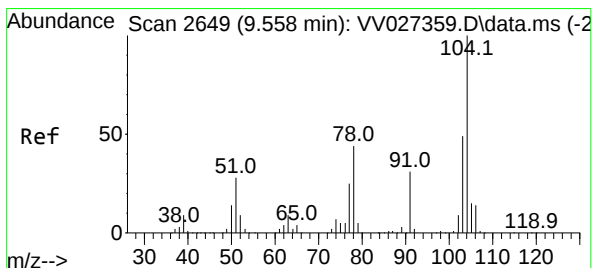
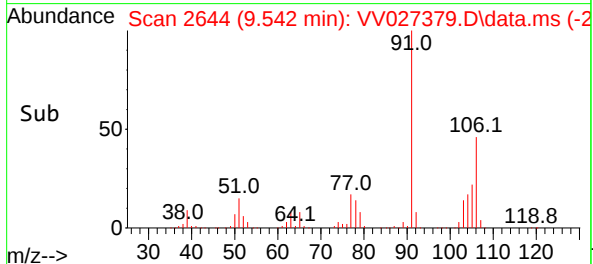
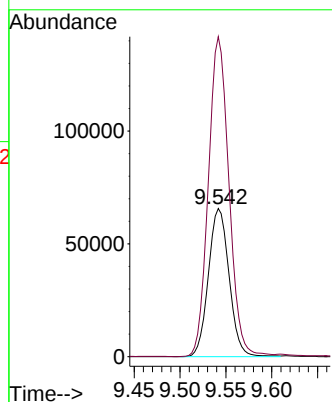
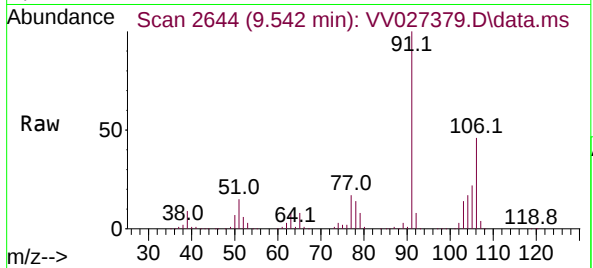




#54
o-Xylene
Concen: 5.062 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027379.D
Acq: 13 Aug 2022 19:40

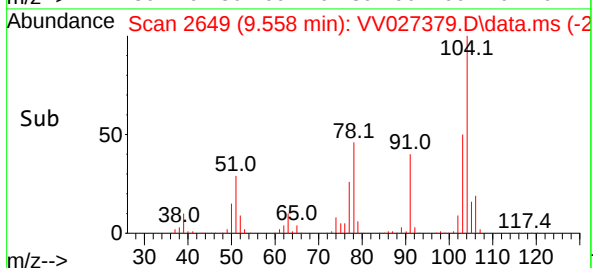
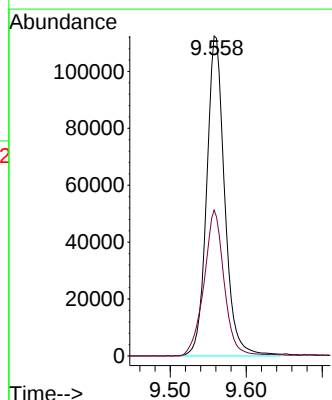
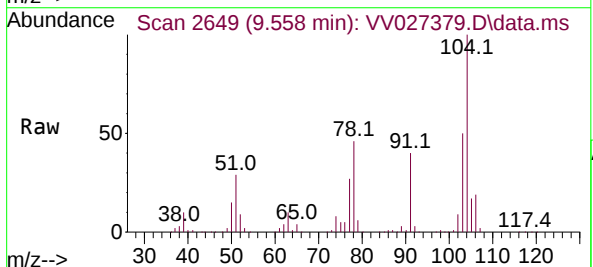
Instrument :
MSVOA_V
ClientSampleId :

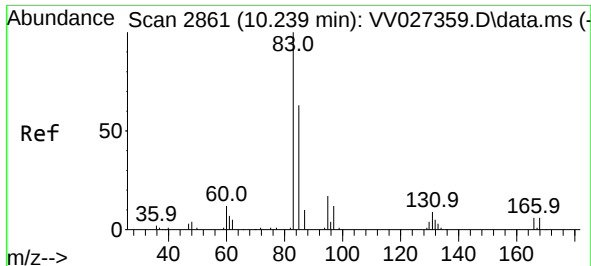
Tgt Ion:106 Resp: 103280
Ion Ratio Lower Upper
106 100
91 215.9 153.2 284.4



#55
Styrene
Concen: 5.283 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV027379.D
Acq: 13 Aug 2022 19:40

Tgt Ion:104 Resp: 185347
Ion Ratio Lower Upper
104 100
78 45.5 30.7 57.1

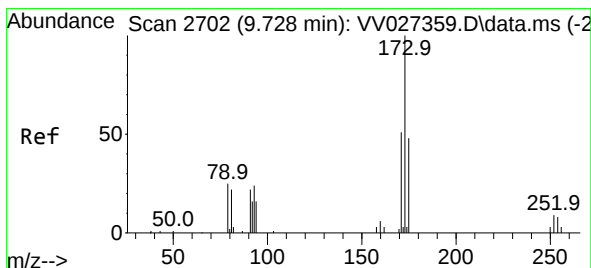
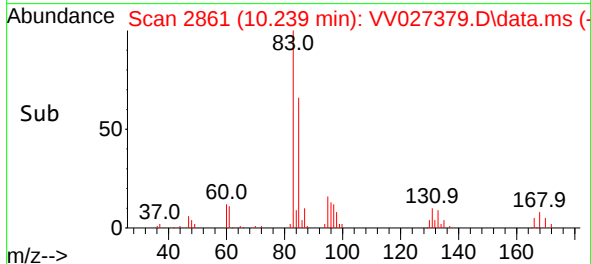
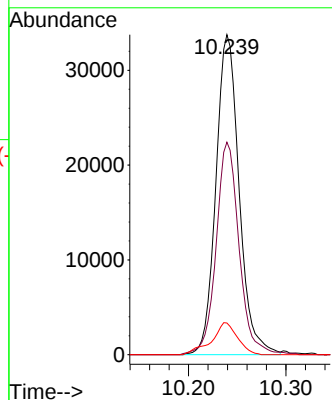
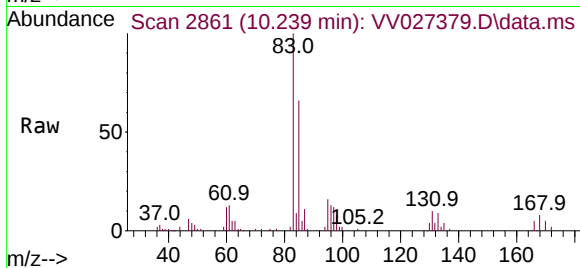




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.213 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV027379.D
 Acq: 13 Aug 2022 19:40

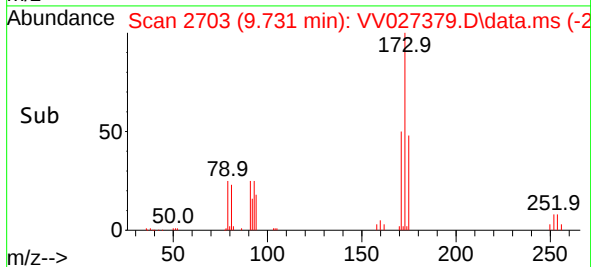
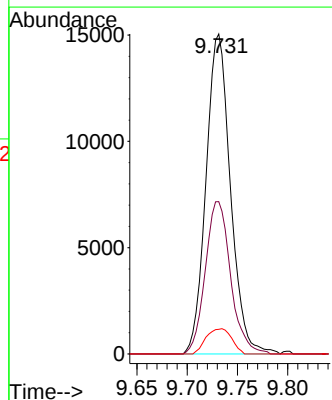
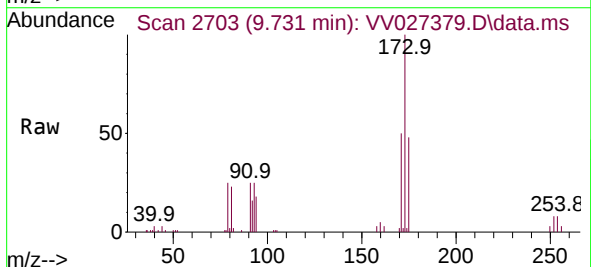
Instrument :
 MSVOA_V
 ClientSampleId :

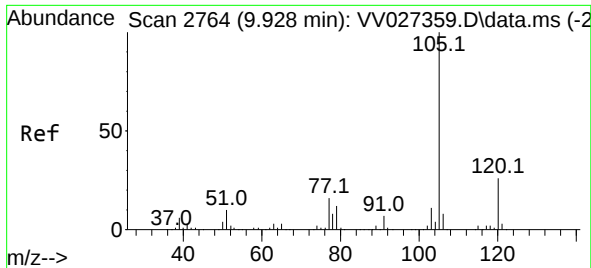
Tgt Ion: 83 Resp: 55864
 Ion Ratio Lower Upper
 83 100
 85 66.4 43.3 80.3
 131 9.9 7.7 11.5



#59
 Bromoform
 Concen: 4.434 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.003 min
 Lab File: VV027379.D
 Acq: 13 Aug 2022 19:40

Tgt Ion: 173 Resp: 25469
 Ion Ratio Lower Upper
 173 100
 175 49.3 38.2 57.2
 254 8.2 6.5 9.7

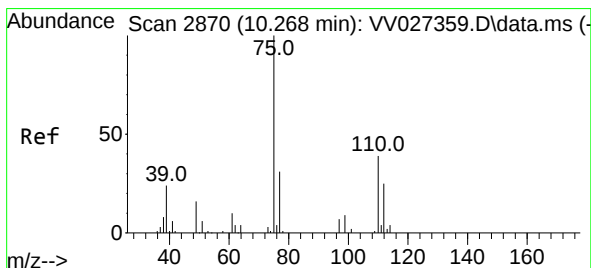
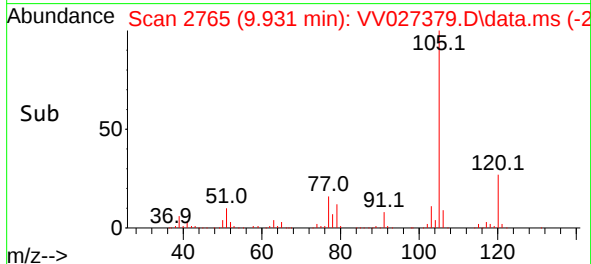
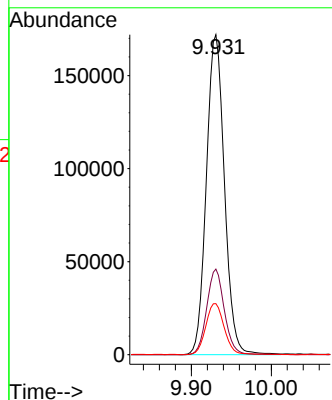
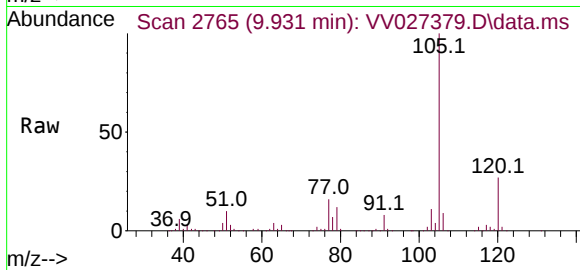




#60
Isopropylbenzene
Concen: 5.044 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027379.D
Acq: 13 Aug 2022 19:40

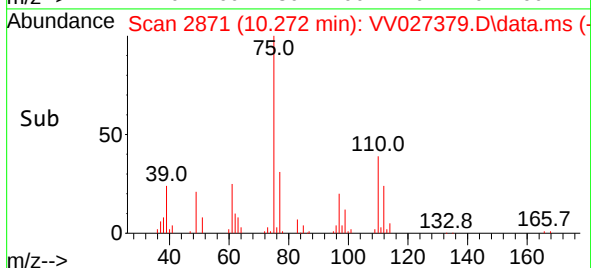
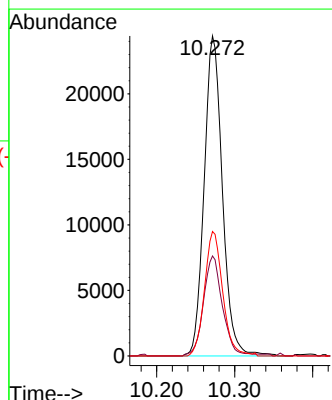
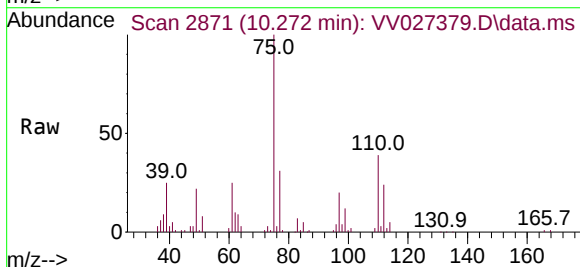
Instrument :
MSVOA_V
ClientSampleId :

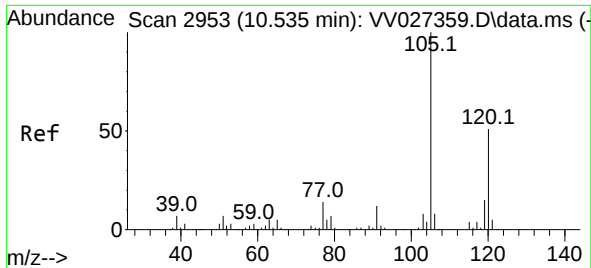
Tgt Ion:105 Resp: 270633
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.4
77 16.3 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 4.853 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV027379.D
Acq: 13 Aug 2022 19:40

Tgt Ion: 75 Resp: 39818
Ion Ratio Lower Upper
75 100
77 32.5 26.6 39.8
110 38.7 31.0 46.6





#62

1,3,5-Trimethylbenzene

Concen: 4.678 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV027379.D

Acq: 13 Aug 2022 19:40

Instrument :

MSVOA_V

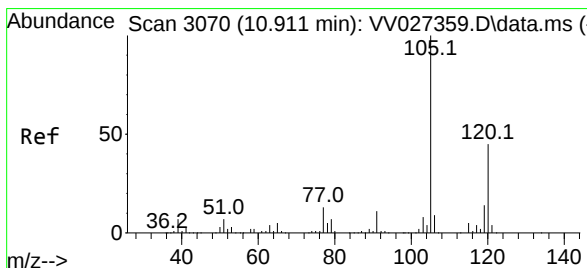
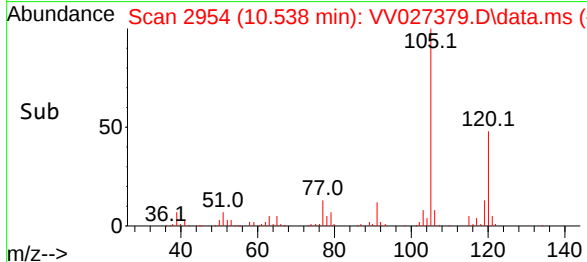
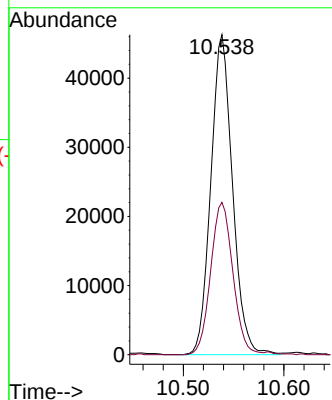
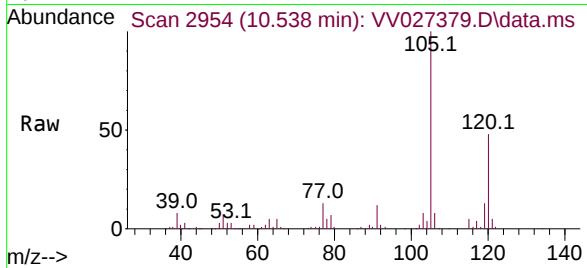
ClientSampleId :

Tgt Ion:105 Resp: 69364

Ion Ratio Lower Upper

105 100

120 48.7 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 4.797 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV027379.D

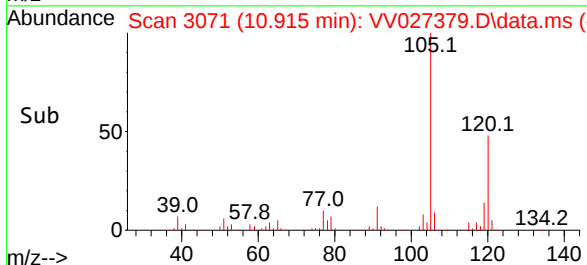
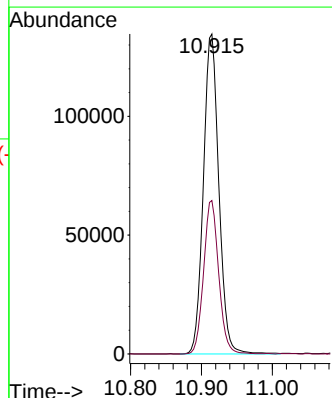
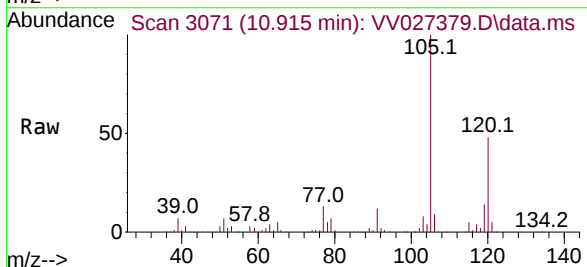
Acq: 13 Aug 2022 19:40

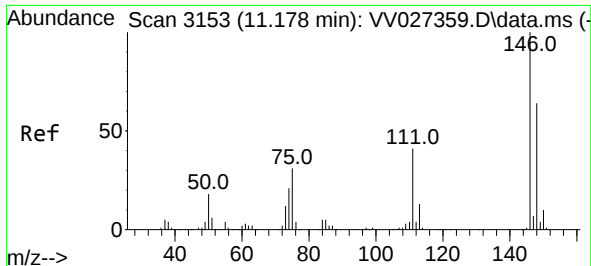
Tgt Ion:105 Resp: 203913

Ion Ratio Lower Upper

105 100

120 46.8 36.2 54.2

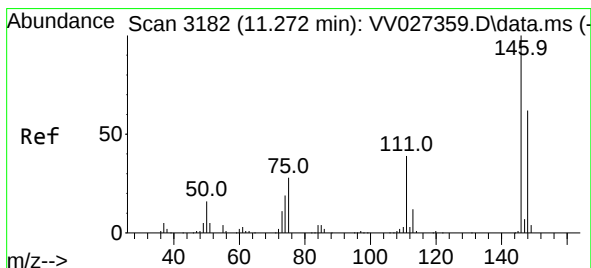
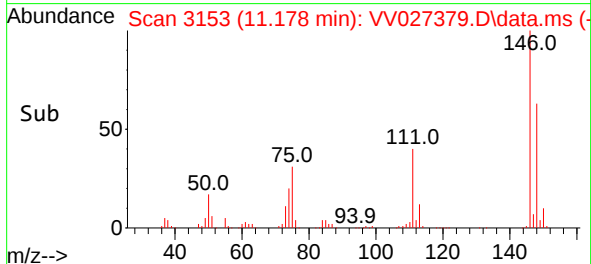
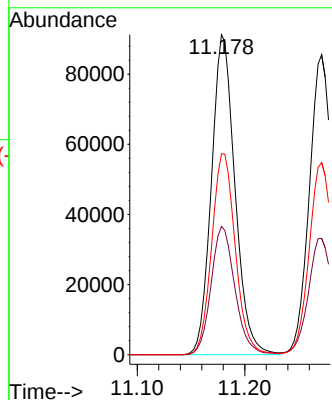
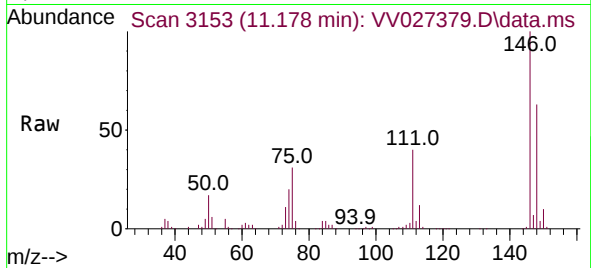




#64
1,3-Dichlorobenzene
Concen: 5.176 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV027379.D
Acq: 13 Aug 2022 19:40

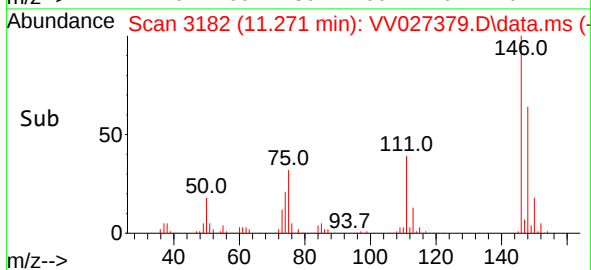
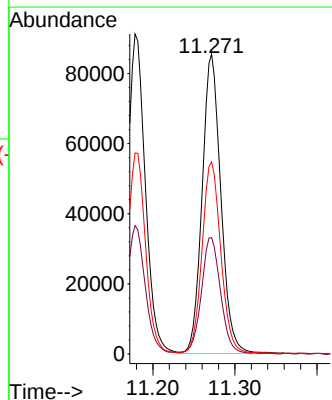
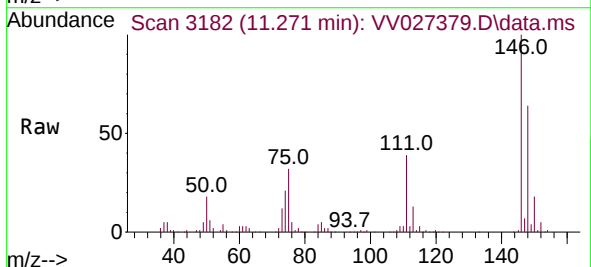
Instrument :
MSVOA_V
ClientSampleId :

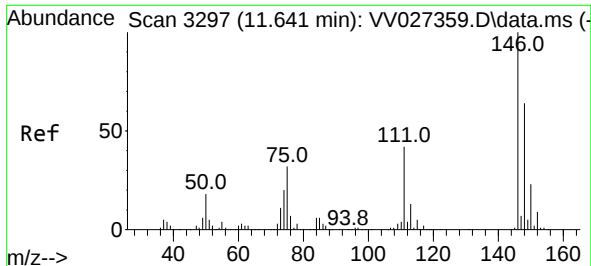
Tgt Ion:146 Resp: 138759
Ion Ratio Lower Upper
146 100
111 40.1 28.8 53.4
148 62.8 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 5.017 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV027379.D
Acq: 13 Aug 2022 19:40

Tgt Ion:146 Resp: 135338
Ion Ratio Lower Upper
146 100
111 38.8 27.4 51.0
148 64.1 43.3 80.5





#67

1,2-Dichlorobenzene

Concen: 5.031 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. -0.000 min

Lab File: VV027379.D

Acq: 13 Aug 2022 19:40

Instrument :

MSVOA_V

ClientSampleId :

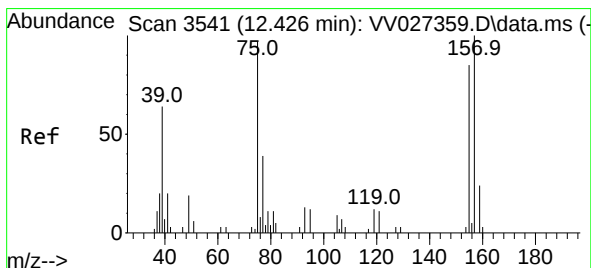
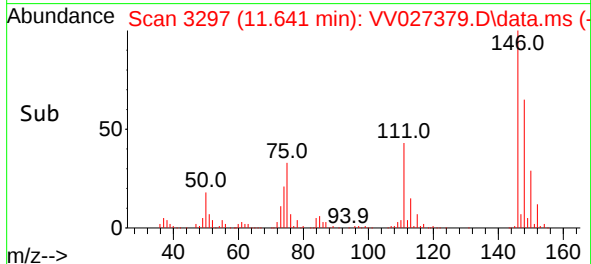
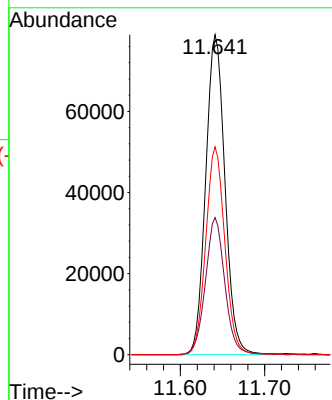
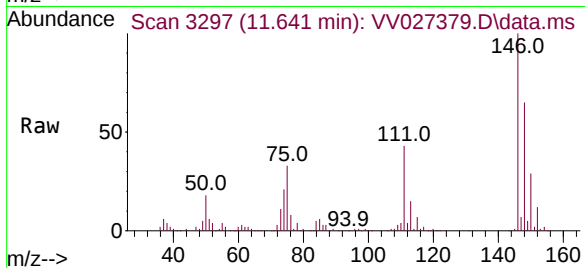
Tgt Ion:146 Resp: 125615

Ion Ratio Lower Upper

146 100

111 42.9 33.2 49.8

148 65.0 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.720 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VV027379.D

Acq: 13 Aug 2022 19:40

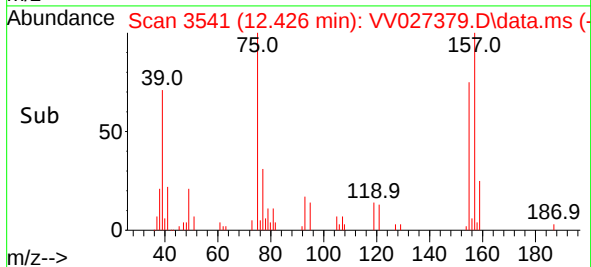
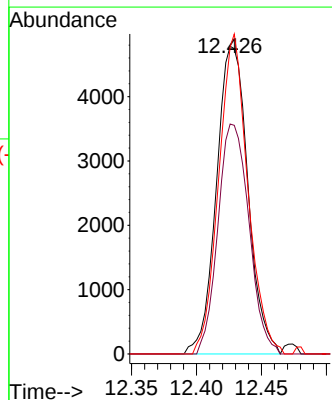
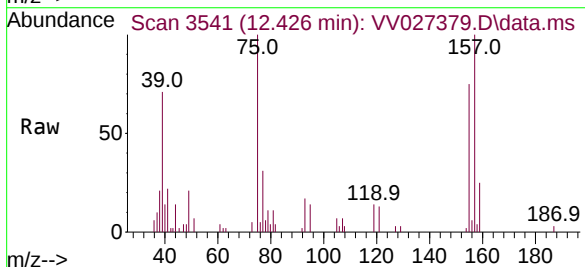
Tgt Ion: 75 Resp: 8090

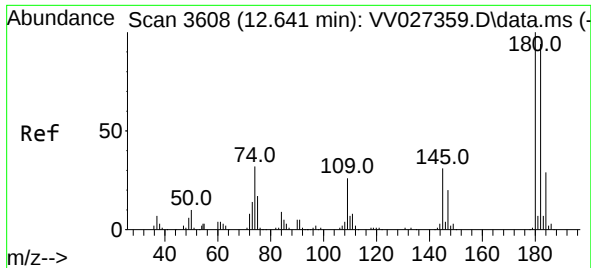
Ion Ratio Lower Upper

75 100

155 74.7 65.8 98.6

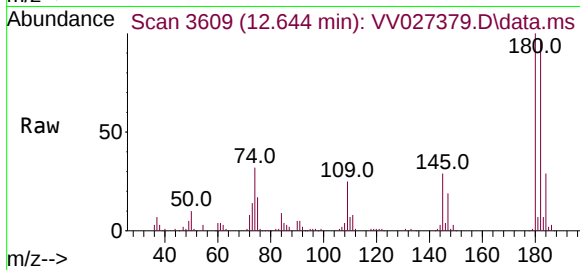
157 99.8 73.0 109.4



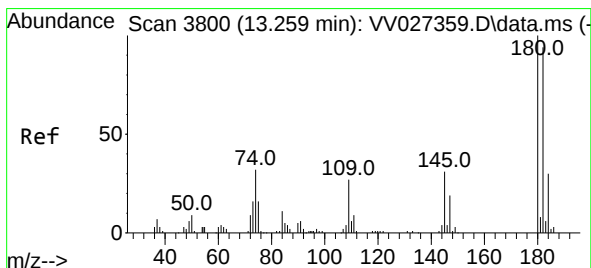
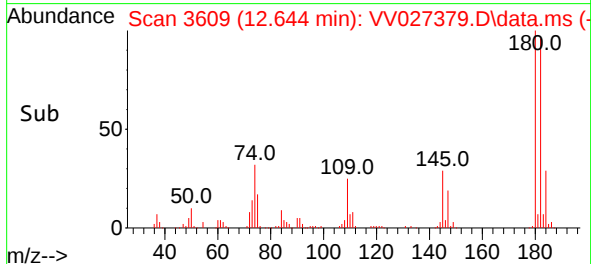
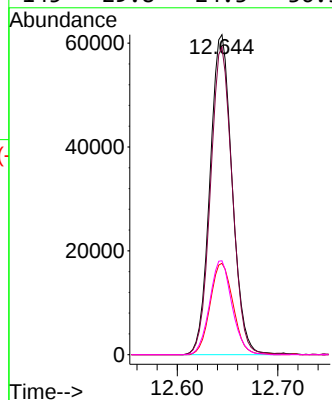


#69
 1,3,5-Trichlorobenzene
 Concen: 4.881 ug/L
 RT: 12.644 min Scan# 3608
 Delta R.T. 0.003 min
 Lab File: VV027379.D
 Acq: 13 Aug 2022 19:40

Instrument :
 MSVOA_V
 ClientSampleId :

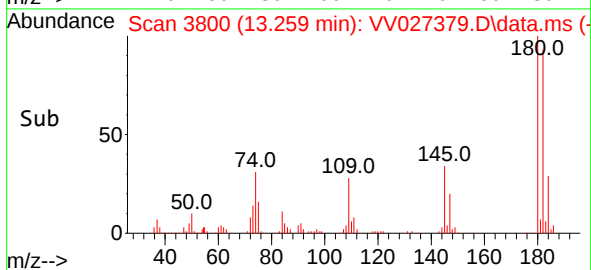
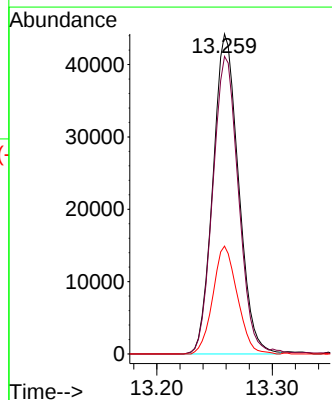
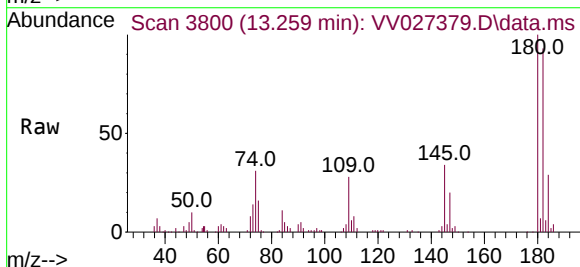


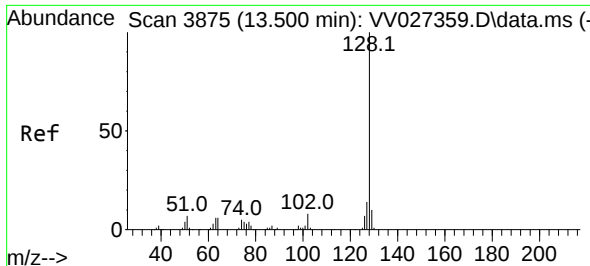
Tgt Ion:180 Resp: 94364
 Ion Ratio Lower Upper
 180 100
 182 94.2 74.7 112.1
 184 29.5 23.3 34.9
 145 29.8 24.3 36.5



#70
 1,2,4-trichlorobenzene
 Concen: 4.704 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV027379.D
 Acq: 13 Aug 2022 19:40

Tgt Ion:180 Resp: 67953
 Ion Ratio Lower Upper
 180 100
 182 93.7 77.4 116.0
 145 32.3 24.9 37.3

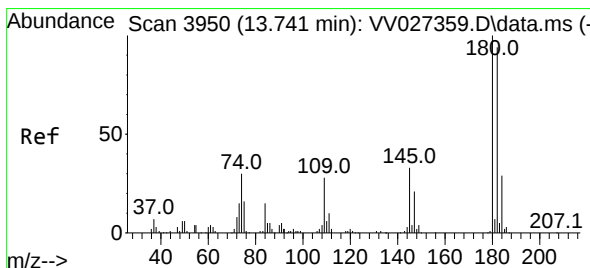
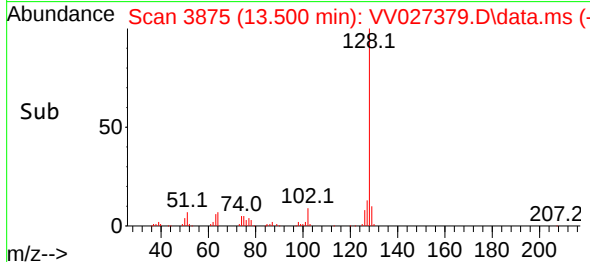
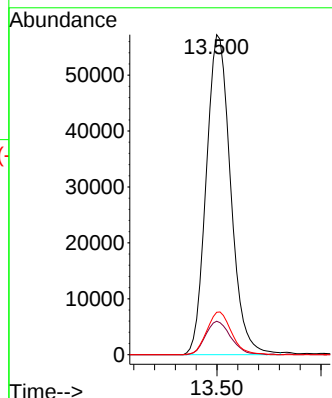
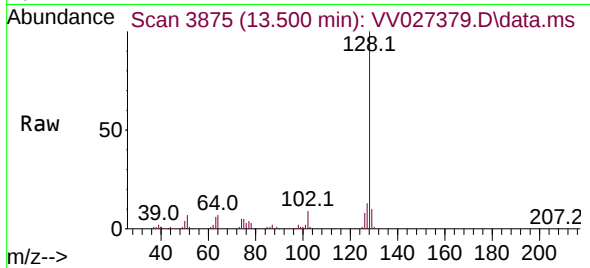




#71
Naphthalene
Concen: 4.171 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV027379.D
Acq: 13 Aug 2022 19:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 93111
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: 4.614 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV027379.D
Acq: 13 Aug 2022 19:40

Tgt Ion:180 Resp: 62131
Ion Ratio Lower Upper
180 100
182 95.1 73.8 110.6
145 33.0 27.0 40.4

