

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083022\
 Data File : VV027601.D
 Acq On : 30 Aug 2022 21:23
 Operator : SY/MD
 Sample : N4404-02MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 31 04:52:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 31 04:45:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	158630	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	157392	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	77708	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	49558	4.390	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.564	69	40467	4.898	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.108	63	96929	3.682	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.600%
20) 2-Butanone-d5	3.892	46	57687	41.058	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.120%
24) Chloroform-d	4.346	84	101612	4.501	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.031	65	46704	4.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.050	84	181794	4.170	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	6.069	67	59032	4.657	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.313	98	168856	4.290	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	7.625	79	15873	3.658	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.200%
46) 2-Hexanone-d5	8.092	63	74008	51.806	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.620%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	41734	5.171	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	55571	4.824	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	69418	4.124	ug/L	99
3) Chloromethane	1.240	50	68669	4.672	ug/L	99
5) Vinyl chloride	1.310	62	81702	5.522	ug/L	99
6) Bromomethane	1.519	94	28795	3.935	ug/L	96
8) Chloroethane	1.584	64	44276	5.120	ug/L	94
9) Trichlorofluoromethane	1.751	101	99008	4.212	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	55063	4.149	ug/L	97
12) 1,1-Dichloroethene	2.114	96	49310	4.108	ug/L	93
13) Acetone	2.175	43	59634	44.444	ug/L	92
14) Carbon disulfide	2.291	76	124398	3.776	ug/L	99
15) Methyl Acetate	2.433	43	11779	3.170	ug/L	95
16) Methylene chloride	2.503	84	64393	3.559	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	117518	4.732	ug/L	96
18) trans-1,2-Dichloroethene	2.757	96	55588	4.496	ug/L	97
19) 1,1-Dichloroethane	3.188	63	122758	4.796	ug/L	100
21) 2-Butanone	3.976	43	89255	49.984	ug/L	93
22) cis-1,2-Dichloroethene	3.908	96	73120	5.549	ug/L	94
23) Bromochloromethane	4.243	128	26010	4.476	ug/L	91
25) Chloroform	4.371	83	130306	4.681	ug/L	98

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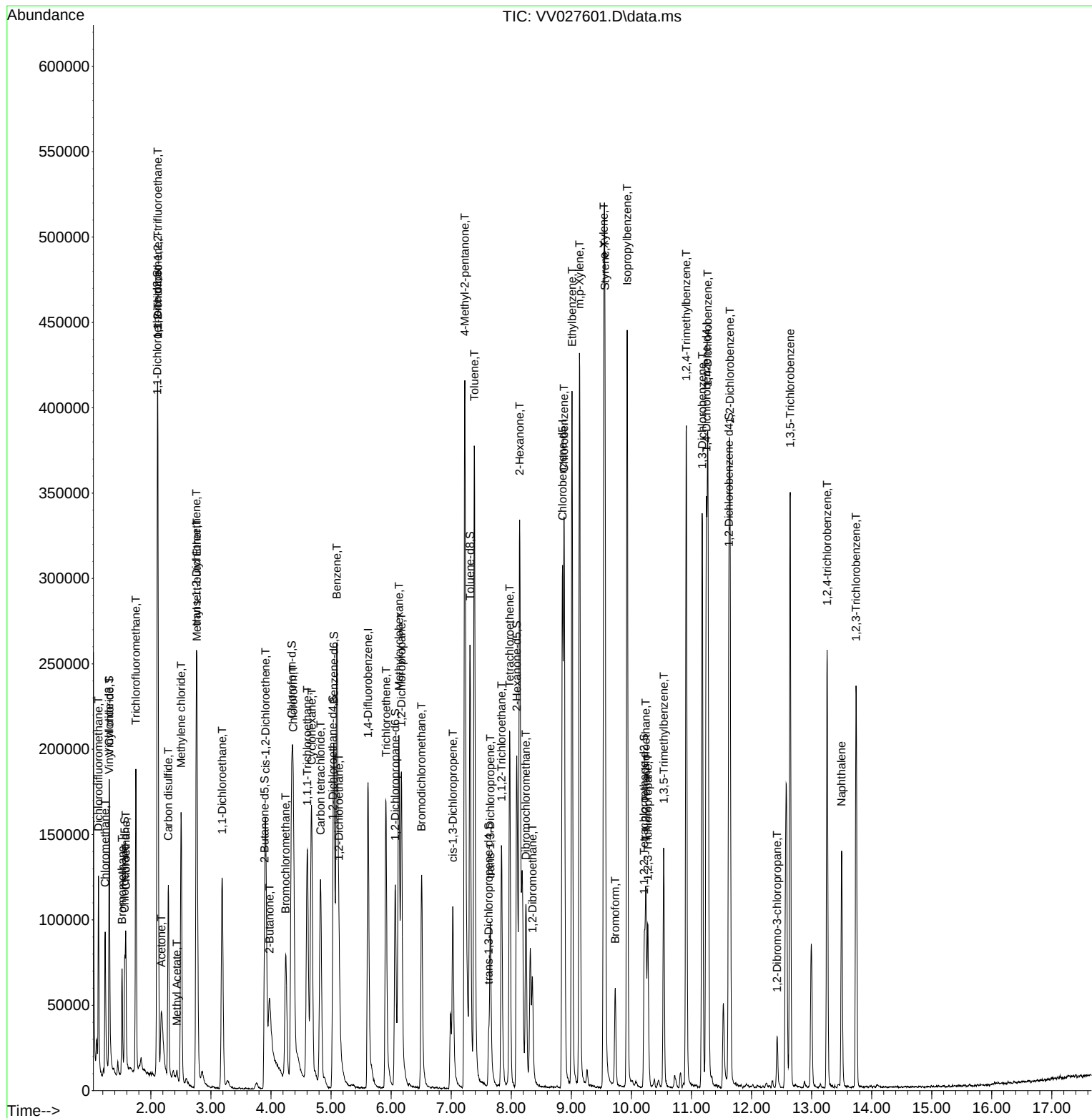
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	68143	4.818	ug/L	100
29) 1,1,1-Trichloroethane	4.606	97	112103	4.640	ug/L	98
30) Cyclohexane	4.677	56	79495	4.287	ug/L	97
31) Carbon tetrachloride	4.825	117	93237	4.438	ug/L	98
33) Benzene	5.095	78	250420	4.785	ug/L	100
34) Trichloroethene	5.915	95	63914	4.641	ug/L	98
35) Methylcyclohexane	6.130	83	76644	3.957	ug/L	98
37) 1,2-Dichloropropane	6.172	63	71361	5.115	ug/L	100
38) Bromodichloromethane	6.506	83	88788	5.019	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	67708	4.025	ug/L	96
40) 4-Methyl-2-pentanone	7.227	43	337832	54.197	ug/L	99
42) Toluene	7.384	91	276886	5.126	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	57788	4.064	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	45837	5.139	ug/L	95
47) Tetrachloroethene	7.976	164	46718	4.355	ug/L	98
48) 2-Hexanone	8.140	43	254382	56.634	ug/L	98
49) Dibromochloromethane	8.243	129	52989	4.831	ug/L	100
50) 1,2-Dibromoethane	8.352	107	41551	5.337	ug/L	99
51) Chlorobenzene	8.879	112	169995	4.863	ug/L	97
52) Ethylbenzene	9.011	91	267121	4.845	ug/L	100
53) m,p-Xylene	9.136	106	120177	5.696	ug/L	97
54) o-Xylene	9.542	106	99354	4.855	ug/L	100
55) Styrene	9.561	104	178276	5.120	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	54290	5.404	ug/L #	94
59) Bromoform	9.731	173	25337	4.865	ug/L	97
60) Isopropylbenzene	9.931	105	268082	5.243	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	37344	5.478	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	70221	4.953	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	204351	5.116	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	132431	5.257	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	132129	5.261	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	125438	5.492	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	7501	4.953	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	99262	5.279	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	73468	5.376	ug/L	98
71) Naphthalene	13.500	128	105309	5.583	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	66991	5.520	ug/L	99

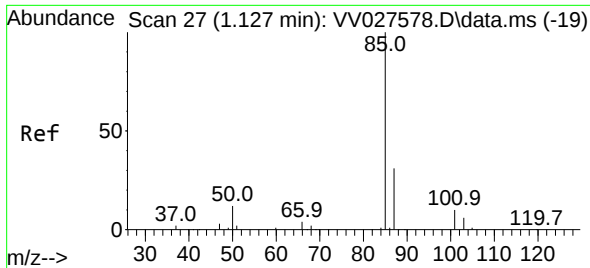
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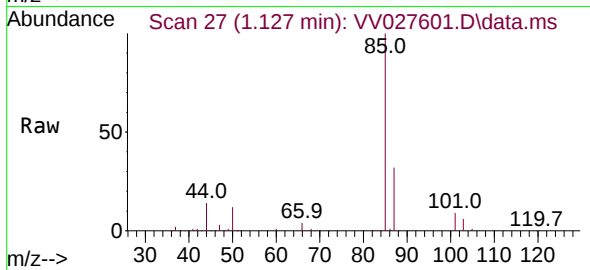
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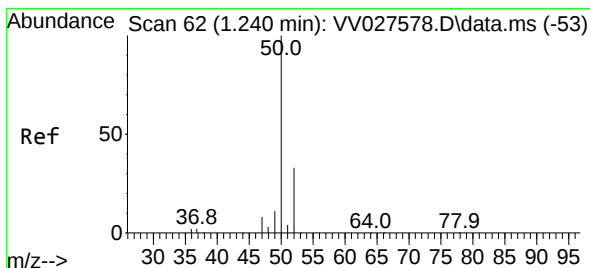
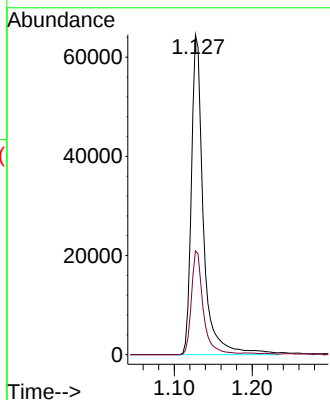
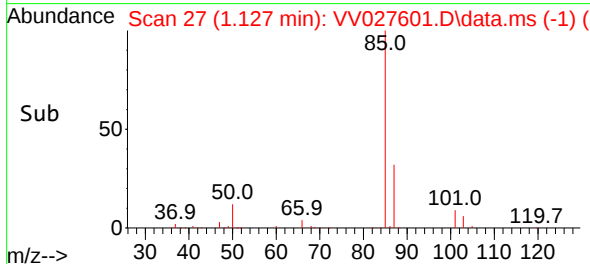


#2
 Dichlorodifluoromethane
 Concen: 4.124 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027601.D
 Acq: 30 Aug 2022 21:23

Instrument :
 MSVOA_V
 ClientSampleId :

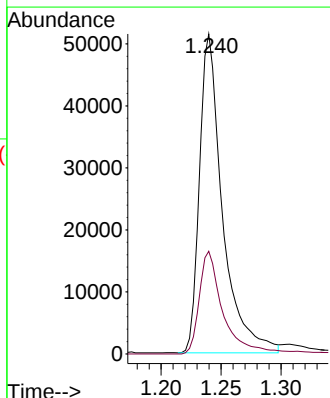
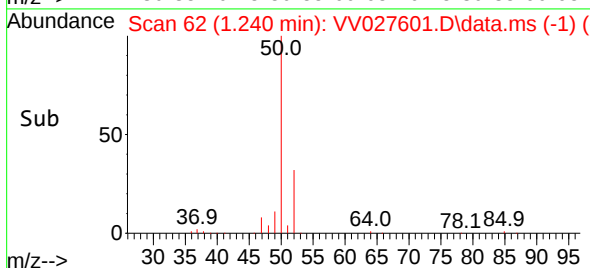
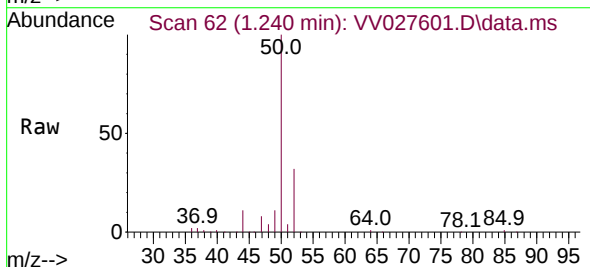


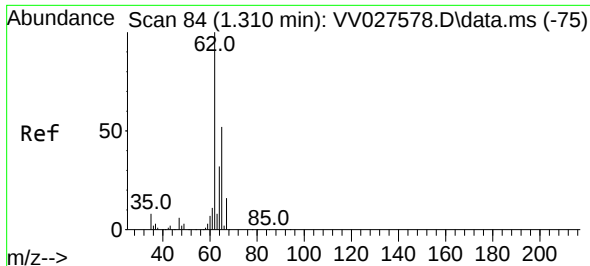
Tgt Ion: 85 Resp: 69418
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.0 39.0



#3
 Chloromethane
 Concen: 4.672 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV027601.D
 Acq: 30 Aug 2022 21:23

Tgt Ion: 50 Resp: 68669
 Ion Ratio Lower Upper
 50 100
 52 32.1 22.8 42.4

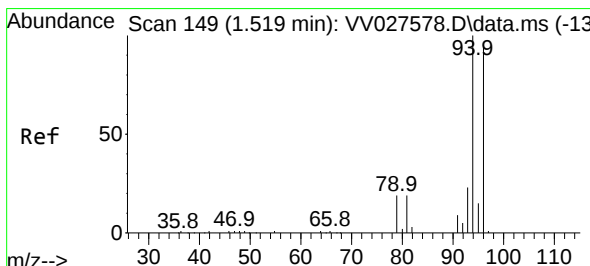
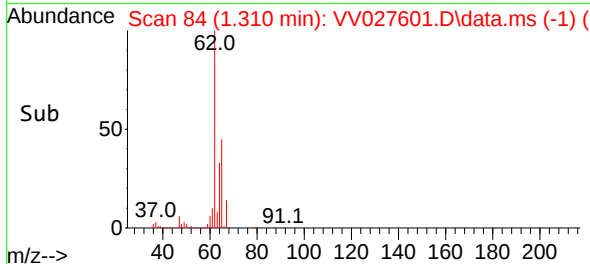
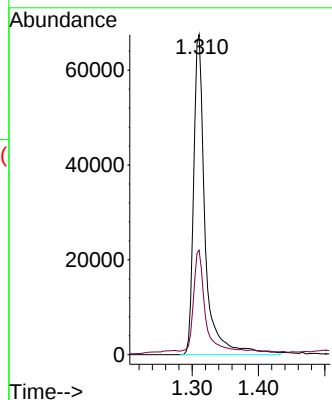
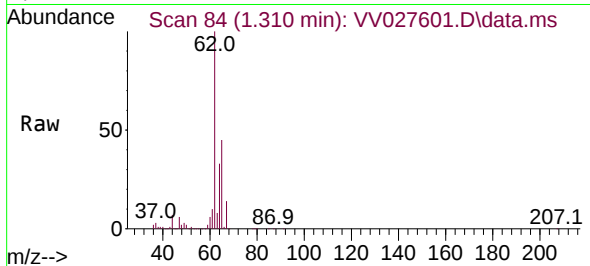




#5
 Vinyl chloride
 Concen: 5.522 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV027601.D
 Acq: 30 Aug 2022 21:23

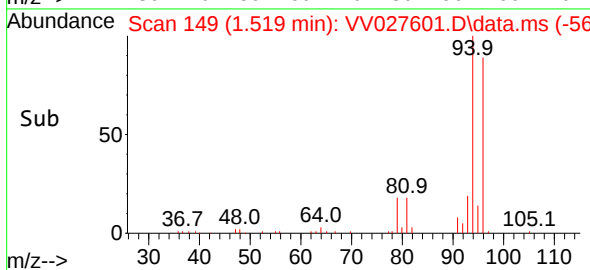
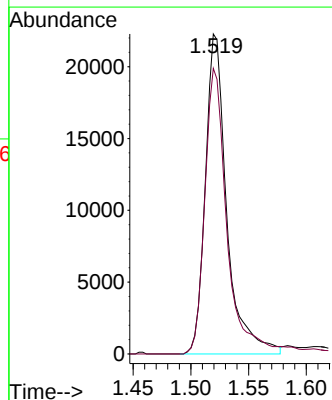
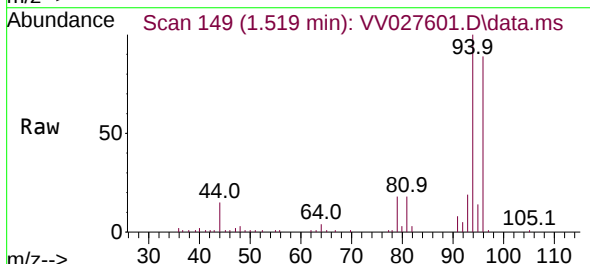
Instrument :
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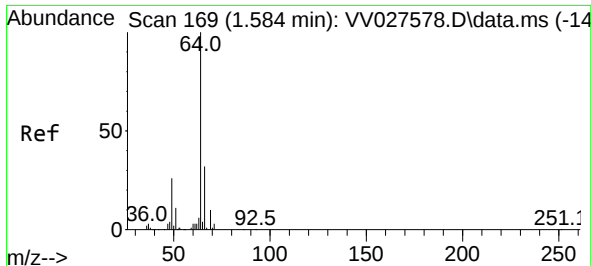
Tgt Ion: 62 Resp: 81702
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.6 42.0



#6
 Bromomethane
 Concen: 3.935 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV027601.D
 Acq: 30 Aug 2022 21:23

Tgt Ion: 94 Resp: 28795
 Ion Ratio Lower Upper
 94 100
 96 89.2 65.2 121.0

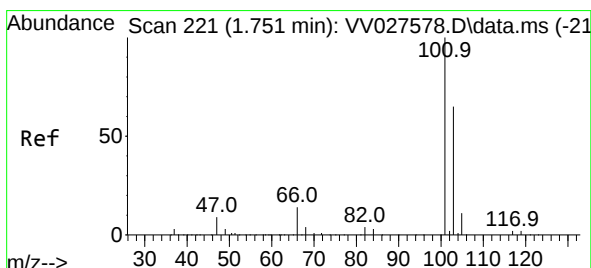
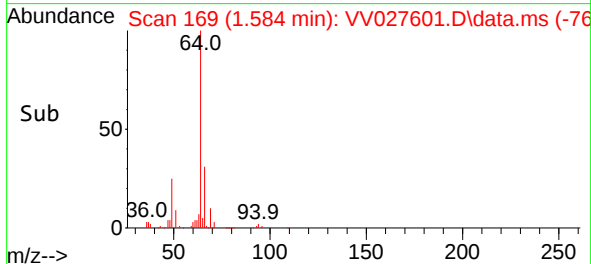
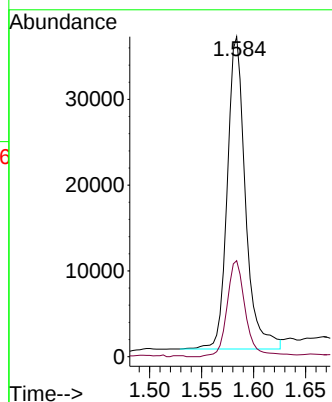
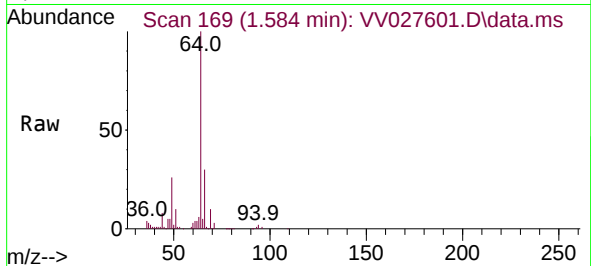




#8
Chloroethane
Concen: 5.120 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV027601.D
Acq: 30 Aug 2022 21:23

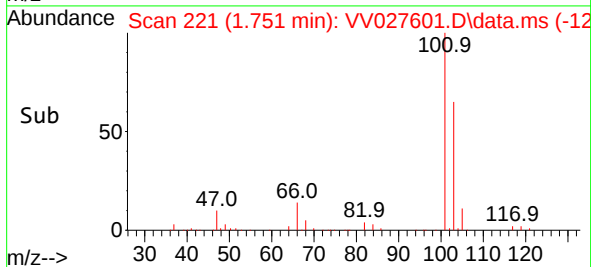
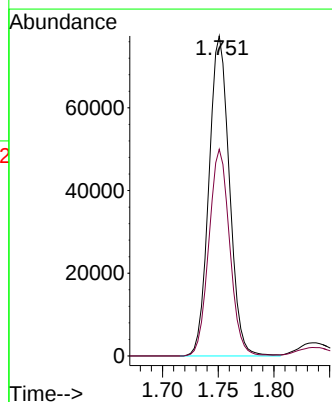
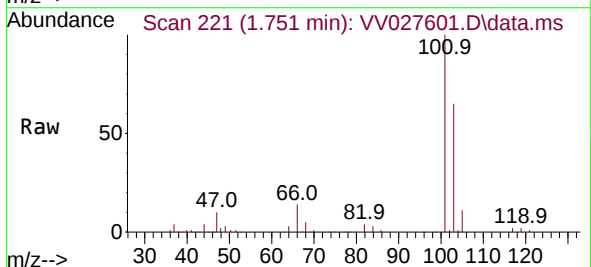
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MSVOA_V
ClientSampleId :

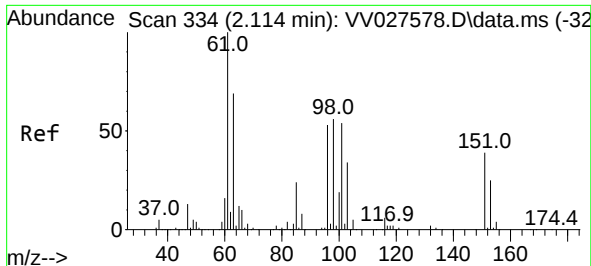
Tgt Ion: 64 Resp: 44276
Ion Ratio Lower Upper
64 100
66 30.0 23.3 43.3



#9
Trichlorofluoromethane
Concen: 4.212 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV027601.D
Acq: 30 Aug 2022 21:23

Tgt Ion:101 Resp: 99008
Ion Ratio Lower Upper
101 100
103 65.4 51.5 77.3

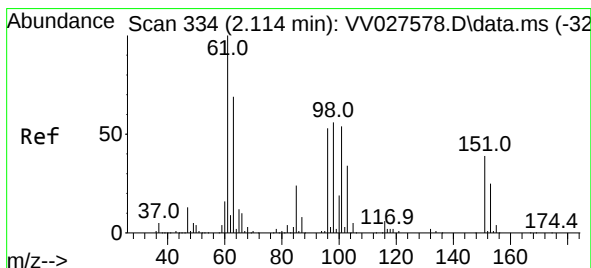
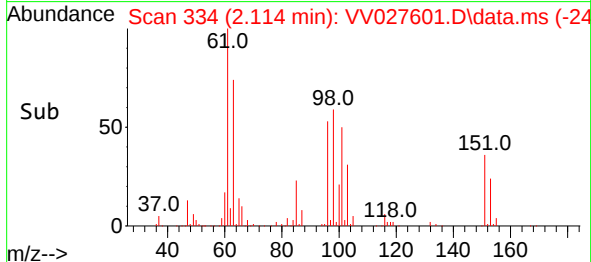
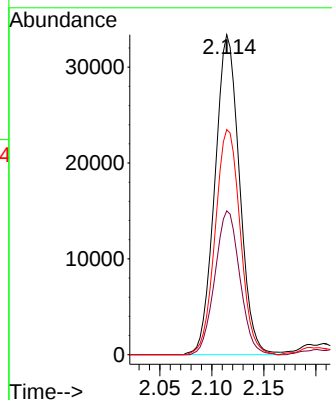
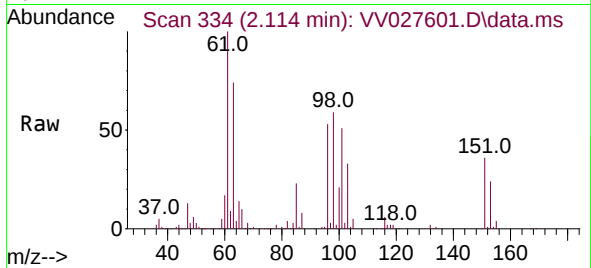




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.149 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV027601.D
 Acq: 30 Aug 2022 21:23

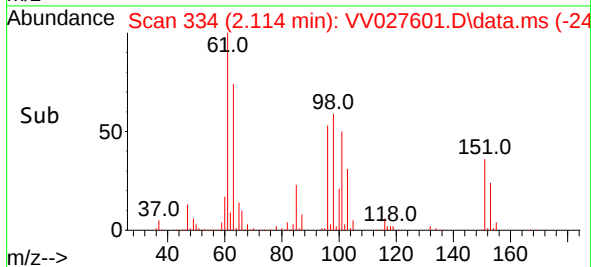
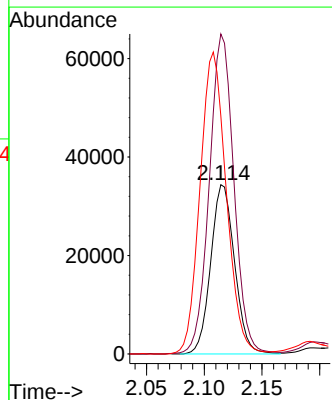
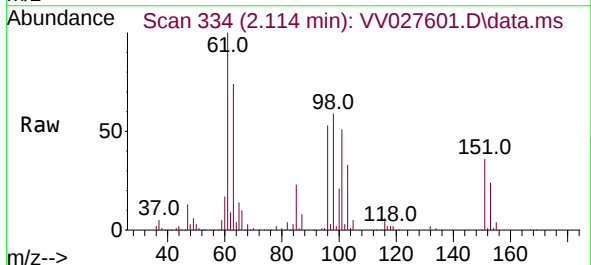
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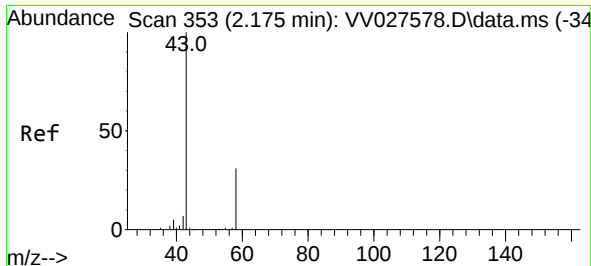
Tgt Ion:101 Resp: 55063
 Ion Ratio Lower Upper
 101 100
 85 45.4 35.3 52.9
 151 71.4 55.2 82.8



#12
 1,1-Dichloroethene
 Concen: 4.108 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV027601.D
 Acq: 30 Aug 2022 21:23

Tgt Ion: 96 Resp: 49310
 Ion Ratio Lower Upper
 96 100
 61 189.0 130.2 241.8
 63 140.6 87.4 162.4





#13

Acetone

Concen: 44.444 ug/L

RT: 2.175 min Scan# 353

Delta R.T. 0.000 min

Lab File: VV027601.D

Acq: 30 Aug 2022 21:23

Instrument :

MSVOA_V

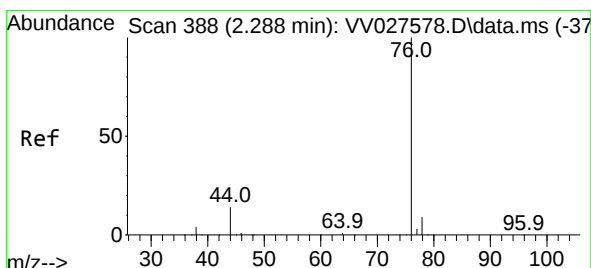
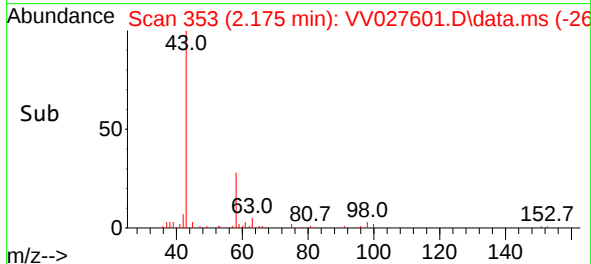
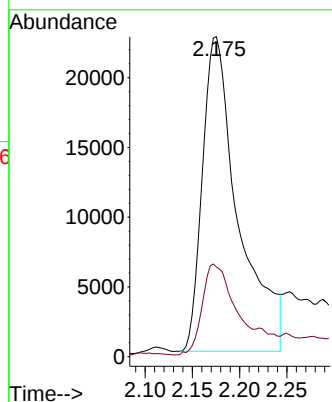
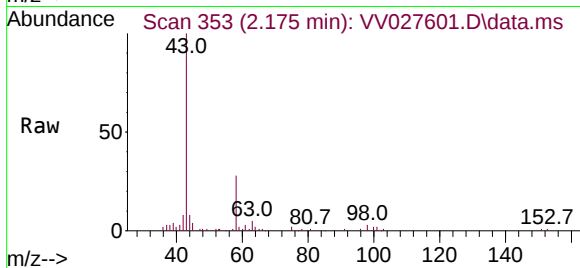
ClientSampleId :

Tgt Ion: 43 Resp: 59634

Ion Ratio Lower Upper

43 100

58 26.5 0.0 62.2



#14

Carbon disulfide

Concen: 3.776 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.003 min

Lab File: VV027601.D

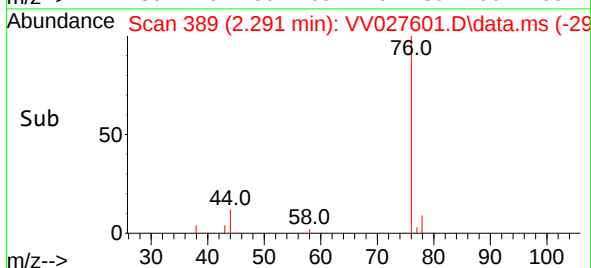
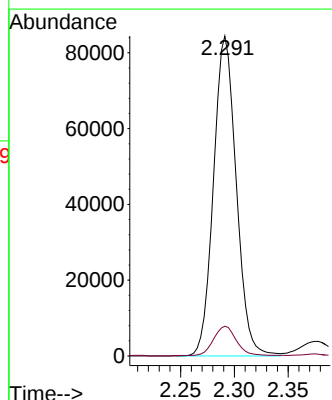
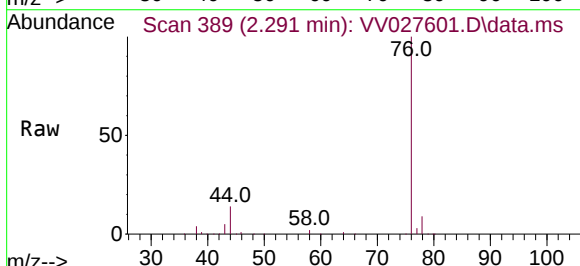
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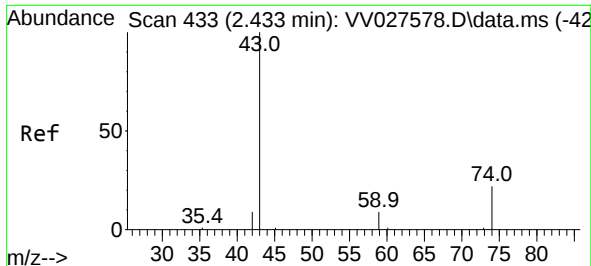
Tgt Ion: 76 Resp: 124398

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

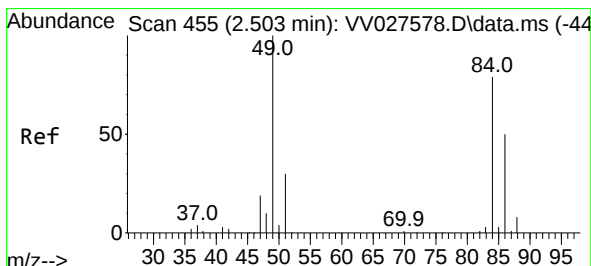
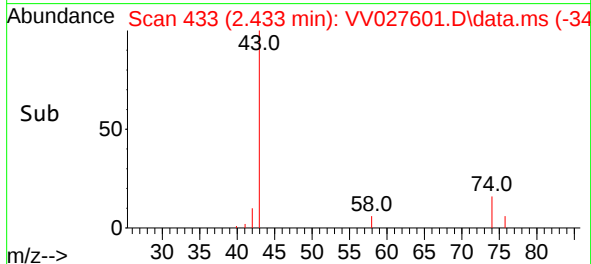
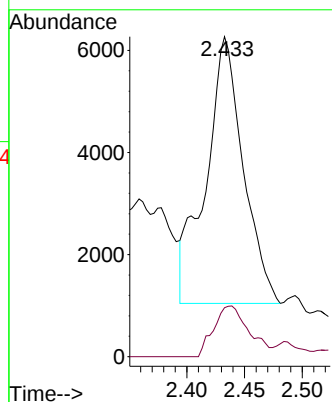
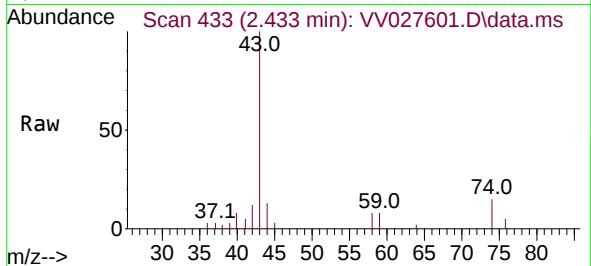




#15
Methyl Acetate
Concen: 3.170 ug/L
RT: 2.433 min Scan# 411
Delta R.T. 0.000 min
Lab File: VV027601.D
Acq: 30 Aug 2022 21:23

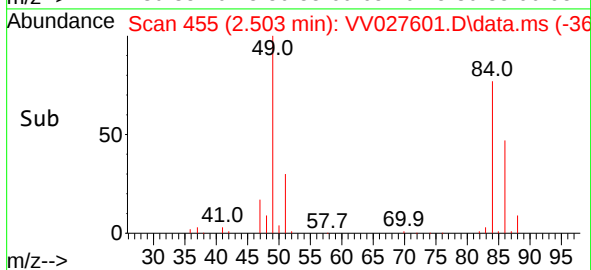
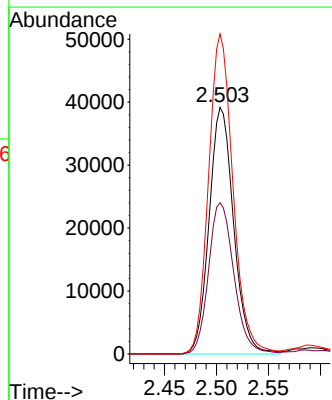
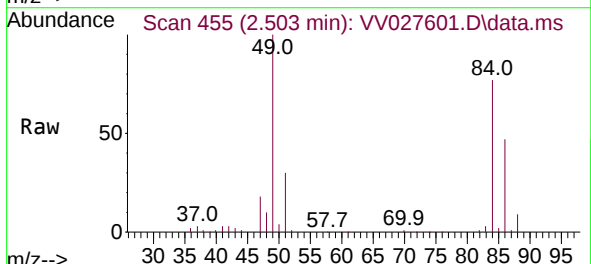
Instrument :
MSVOA_V
ClientSampleId :

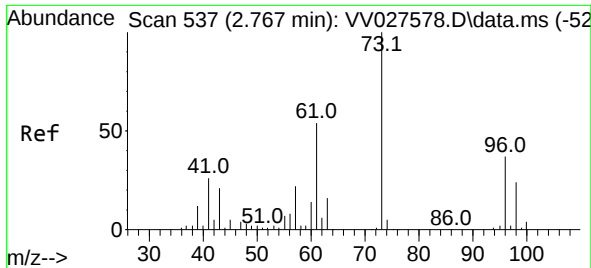
Tgt Ion: 43 Resp: 11779
Ion Ratio Lower Upper
43 100
74 18.0 16.3 24.5



#16
Methylene chloride
Concen: 3.559 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV027601.D
Acq: 30 Aug 2022 21:23

Tgt Ion: 84 Resp: 64393
Ion Ratio Lower Upper
84 100
86 61.3 44.0 81.6
49 129.8 89.4 166.0

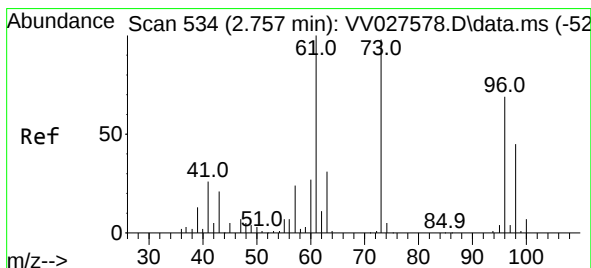
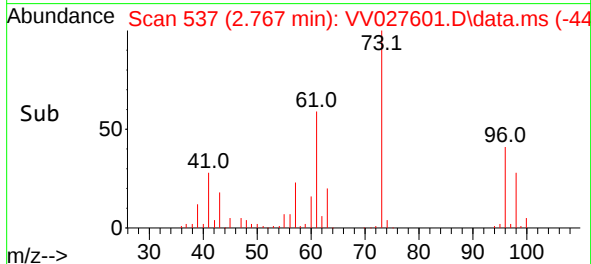
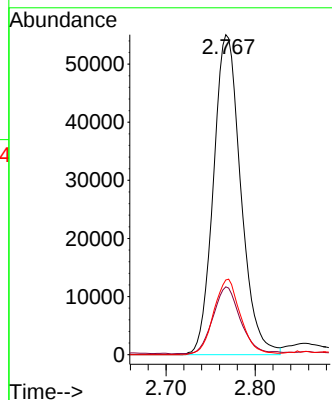
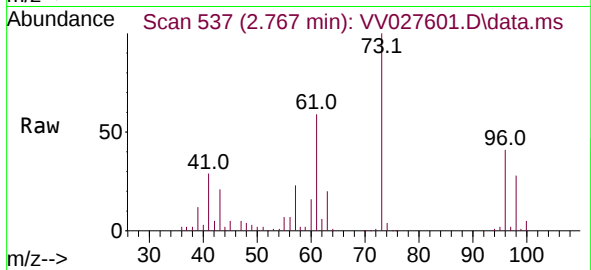




#17
Methyl tert-butyl Ether
Concen: 4.732 ug/L
RT: 2.767 min Scan# 511
Delta R.T. 0.000 min
Lab File: VV027601.D
Acq: 30 Aug 2022 21:23

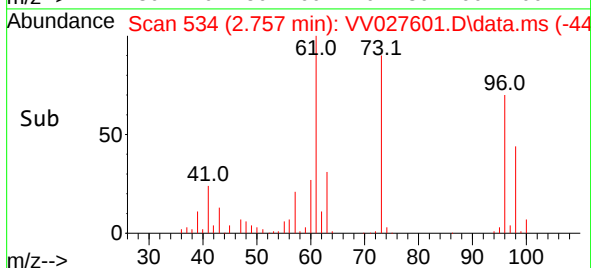
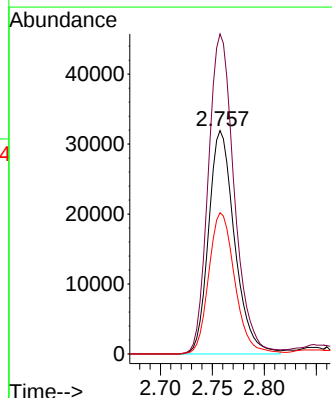
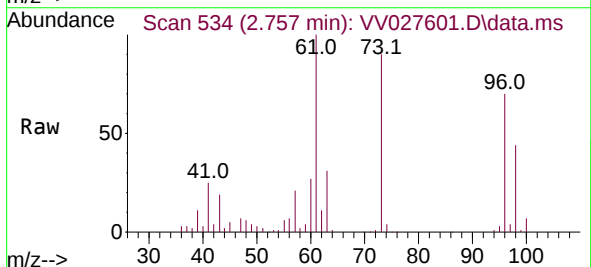
Instrument :
MSVOA_V
ClientSampleId :

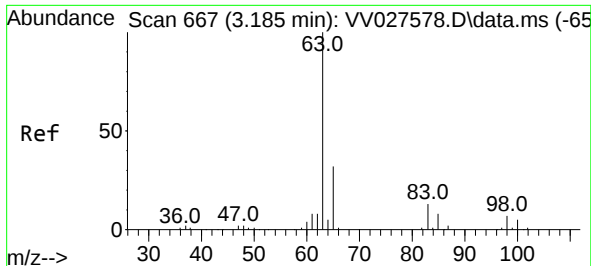
Tgt Ion: 73 Resp: 117518
Ion Ratio Lower Upper
73 100
43 21.0 15.6 23.4
57 23.2 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 4.496 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV027601.D
Acq: 30 Aug 2022 21:23

Tgt Ion: 96 Resp: 55588
Ion Ratio Lower Upper
96 100
61 143.2 97.6 181.4
98 63.3 45.9 85.3





#19

1,1-Dichloroethane

Concen: 4.796 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV027601.D

Acq: 30 Aug 2022 21:23

Instrument :

MSVOA_V

ClientSampleId :

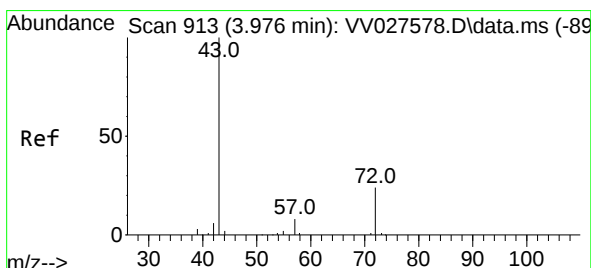
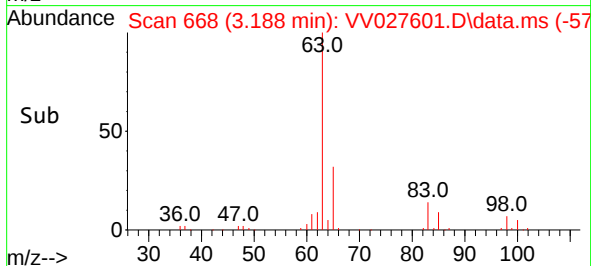
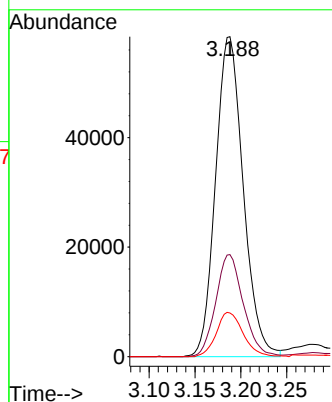
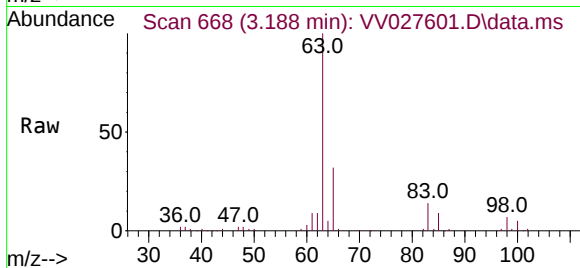
Tgt Ion: 63 Resp: 122758

Ion Ratio Lower Upper

63 100

65 31.9 22.1 41.1

83 13.7 9.6 17.8



#21

2-Butanone

Concen: 49.984 ug/L

RT: 3.976 min Scan# 913

Delta R.T. 0.000 min

Lab File: VV027601.D

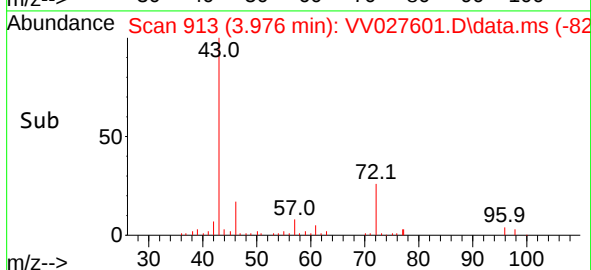
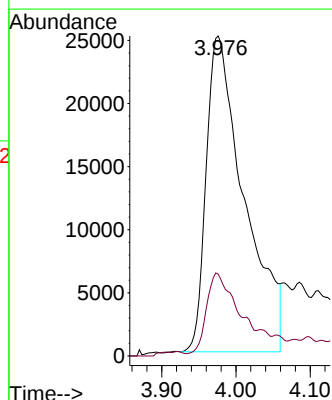
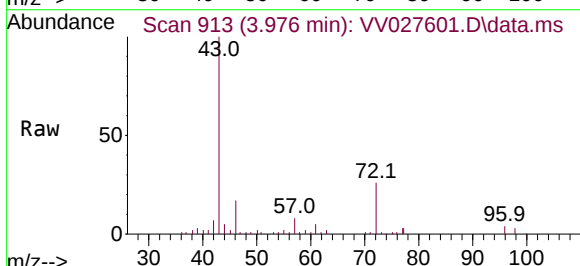
Acq: 30 Aug 2022 21:23

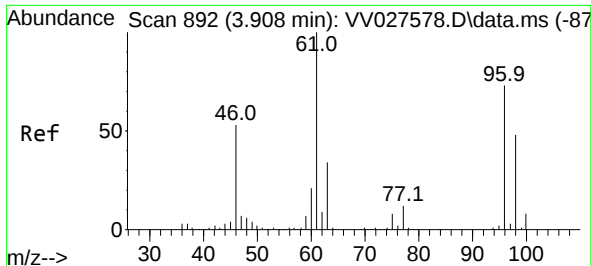
Tgt Ion: 43 Resp: 89255

Ion Ratio Lower Upper

43 100

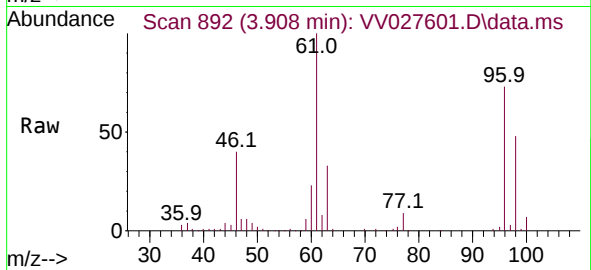
72 20.7 12.0 36.1



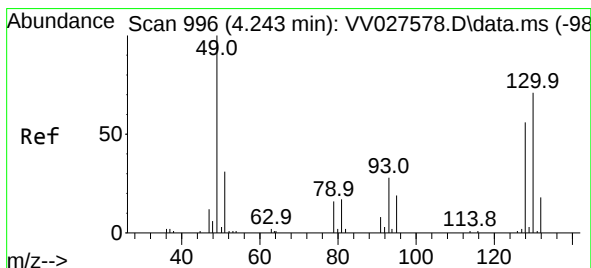
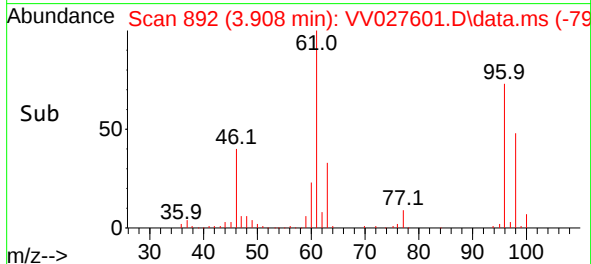
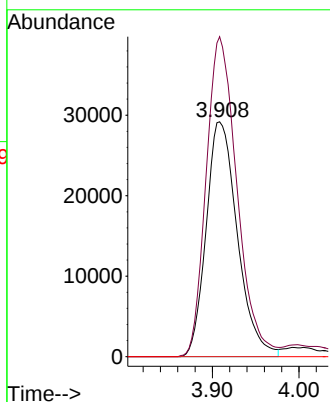


#22
 cis-1,2-Dichloroethene
 Concen: 5.549 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. 0.000 min
 Lab File: VV027601.D
 Acq: 30 Aug 2022 21:23

Instrument :
 MSVOA_V
 ClientSampleId :

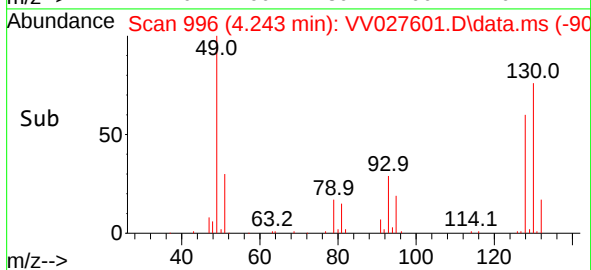
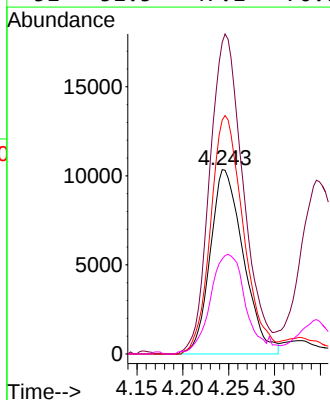
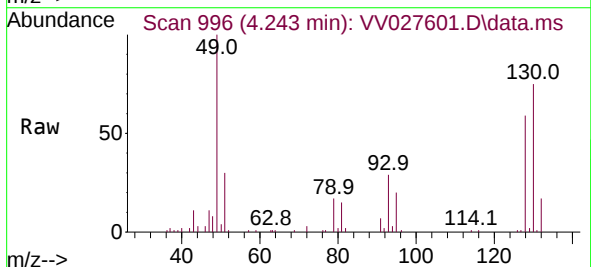


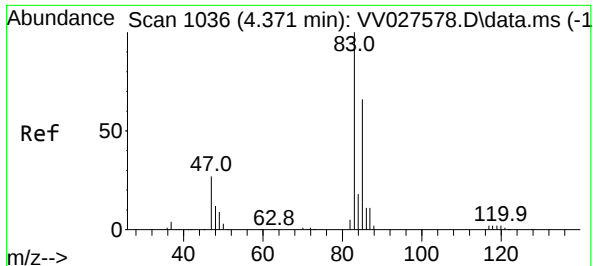
Tgt Ion: 96 Resp: 73120
 Ion Ratio Lower Upper
 96 100
 61 136.2 90.6 168.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.476 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VV027601.D
 Acq: 30 Aug 2022 21:23

Tgt Ion: 128 Resp: 26010
 Ion Ratio Lower Upper
 128 100
 49 169.0 127.5 236.7
 130 126.9 97.0 180.2
 51 51.5 47.1 70.7





#25

Chloroform

Concen: 4.681 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV027601.D

Acq: 30 Aug 2022 21:23

Instrument :

MSVOA_V

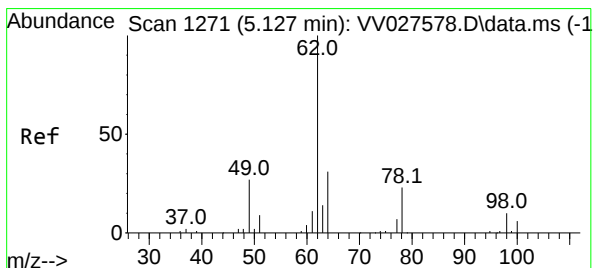
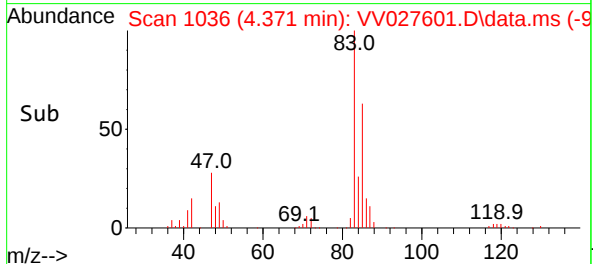
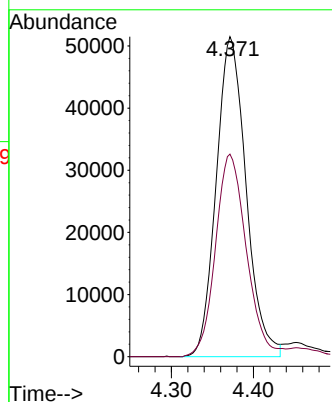
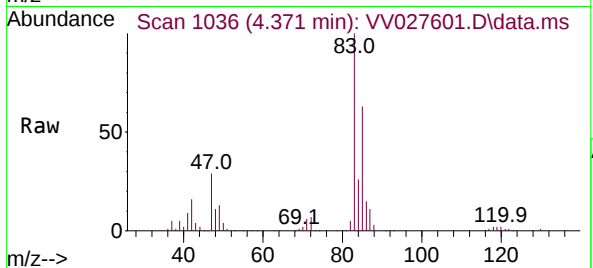
ClientSampleId :

Tgt Ion: 83 Resp: 130306

Ion Ratio Lower Upper

83 100

85 63.3 43.3 80.5



#27

1,2-Dichloroethane

Concen: 4.818 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV027601.D

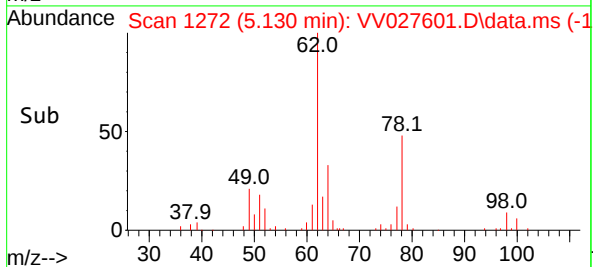
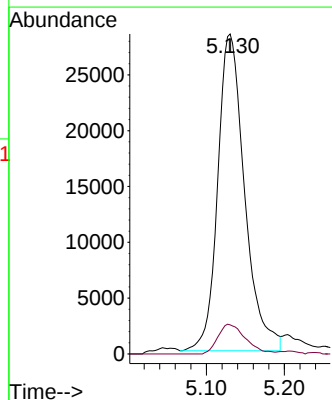
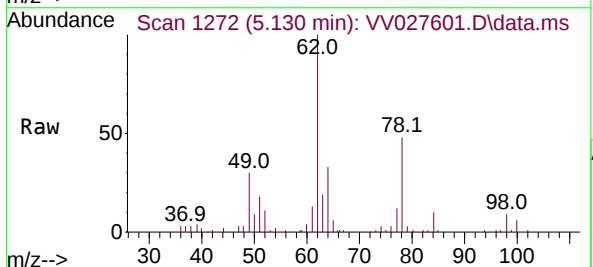
Acq: 30 Aug 2022 21:23

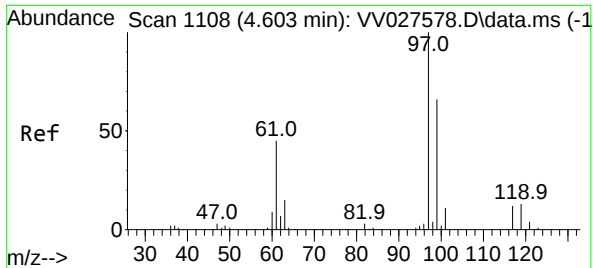
Tgt Ion: 62 Resp: 68143

Ion Ratio Lower Upper

62 100

98 9.1 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 4.640 ug/L

RT: 4.606 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV027601.D

Acq: 30 Aug 2022 21:23

Instrument :

MSVOA_V

ClientSampleId :

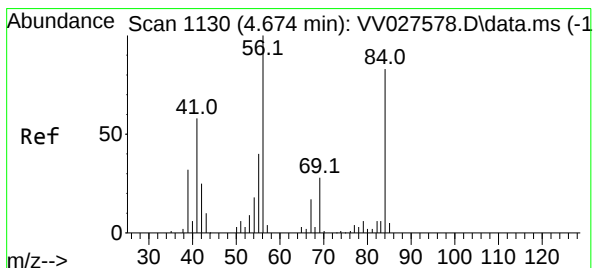
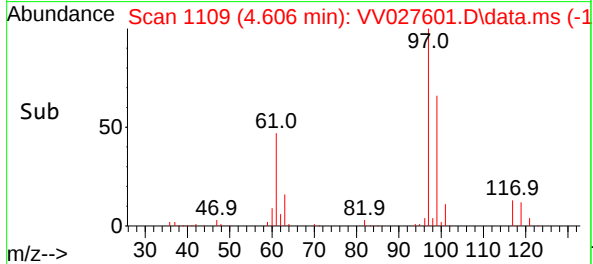
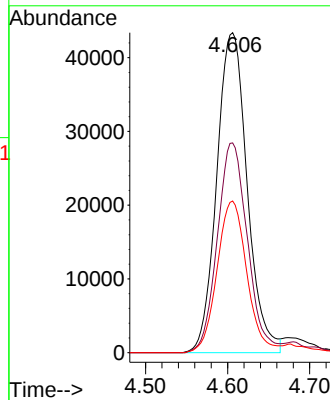
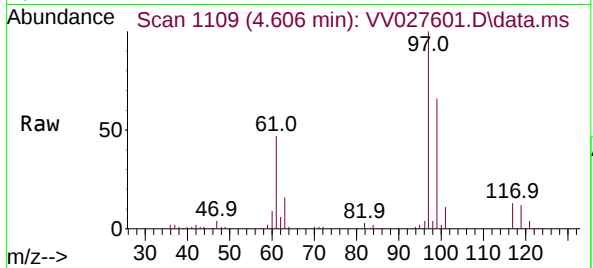
Tgt Ion: 97 Resp: 112103

Ion Ratio Lower Upper

97 100

99 64.8 51.1 76.7

61 46.3 35.9 53.9



#30

Cyclohexane

Concen: 4.287 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV027601.D

Acq: 30 Aug 2022 21:23

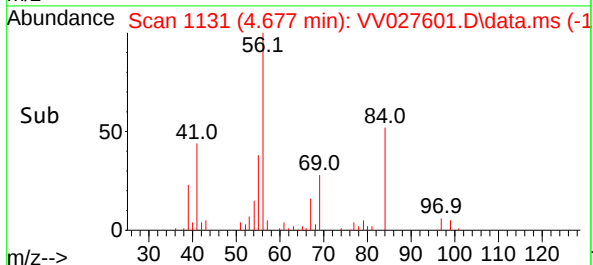
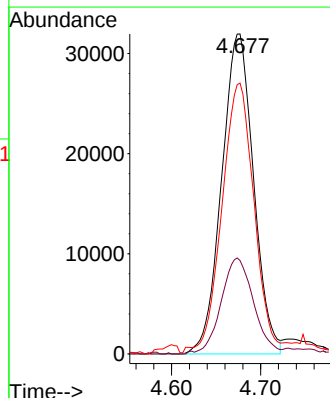
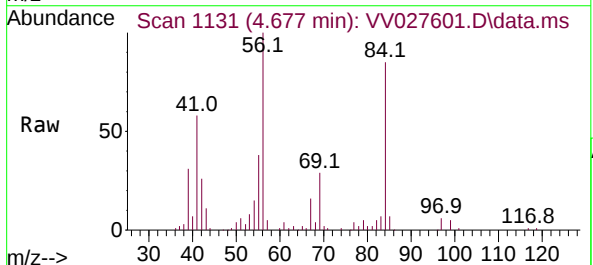
Tgt Ion: 56 Resp: 79495

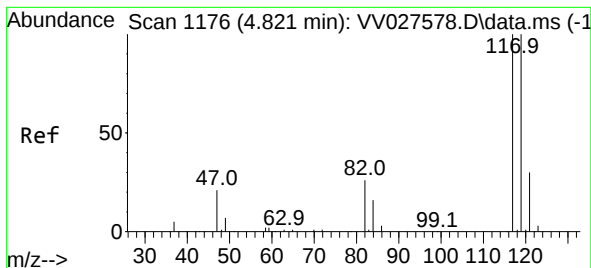
Ion Ratio Lower Upper

56 100

69 30.3 25.4 38.0

84 84.5 69.7 104.5





#31

Carbon tetrachloride

Concen: 4.438 ug/L

RT: 4.825 min Scan# 1177

Delta R.T. 0.003 min

Lab File: VV027601.D

Acq: 30 Aug 2022 21:23

Instrument :

MSVOA_V

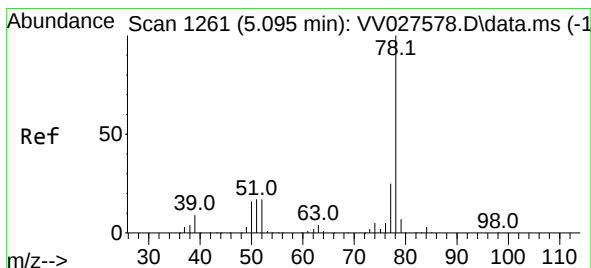
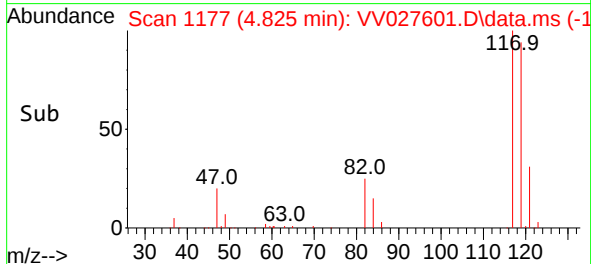
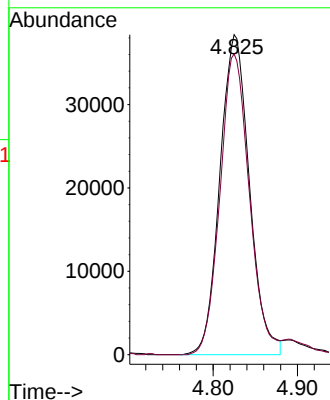
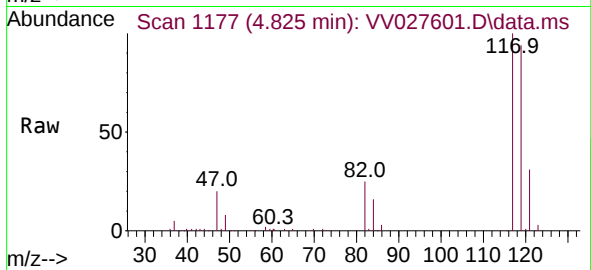
ClientSampleId :

Tgt Ion:117 Resp: 93237

Ion Ratio Lower Upper

117 100

119 93.5 76.1 114.1



#33

Benzene

Concen: 4.785 ug/L

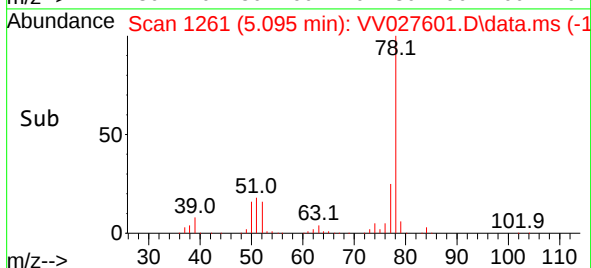
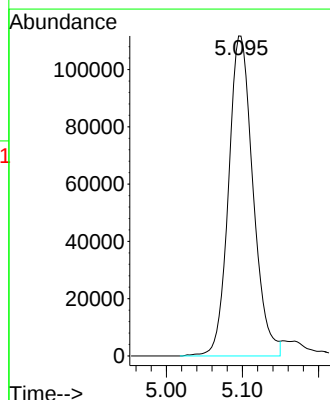
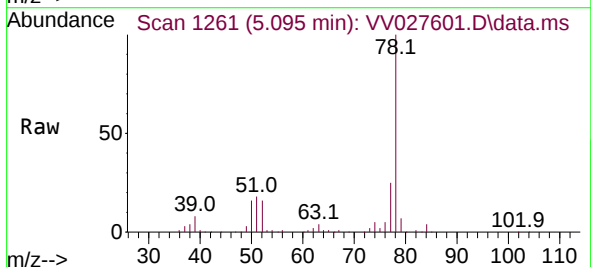
RT: 5.095 min Scan# 1261

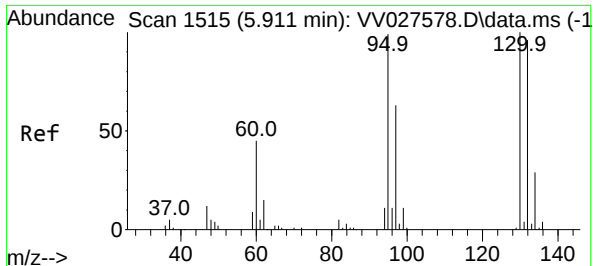
Delta R.T. 0.000 min

Lab File: VV027601.D

Acq: 30 Aug 2022 21:23

Tgt Ion: 78 Resp: 250420



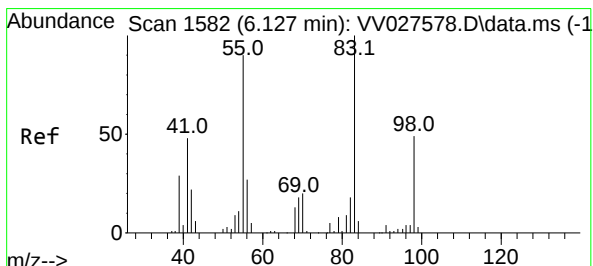
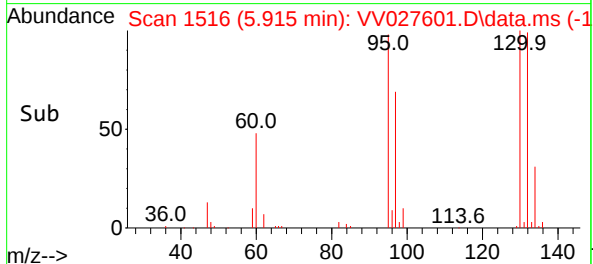
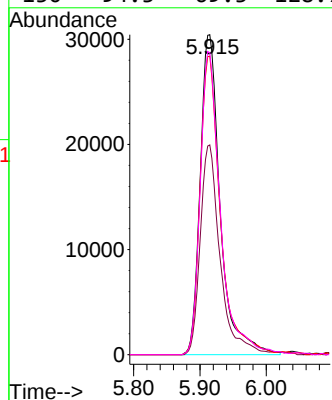
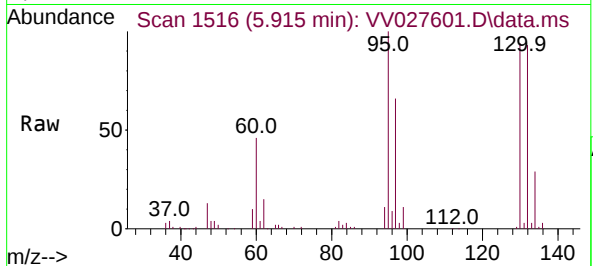


#34
Trichloroethene
Concen: 4.641 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV027601.D
Acq: 30 Aug 2022 21:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 63914

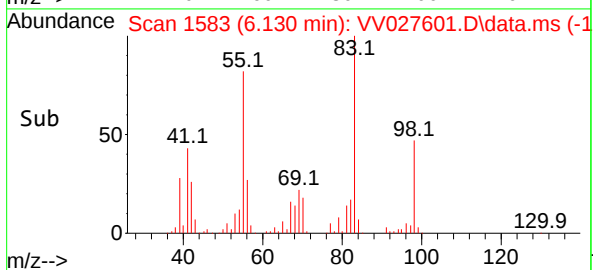
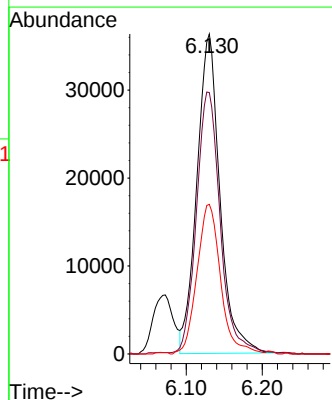
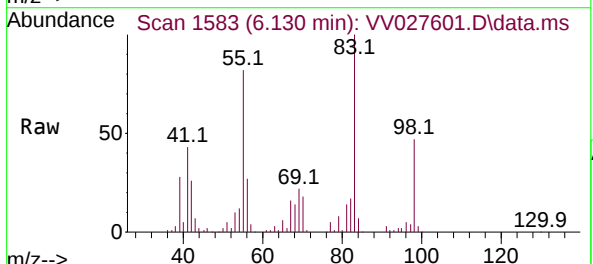
Ion	Ratio	Lower	Upper
95	100		
97	65.5	45.0	83.6
132	93.3	65.7	121.9
130	94.3	69.3	128.7

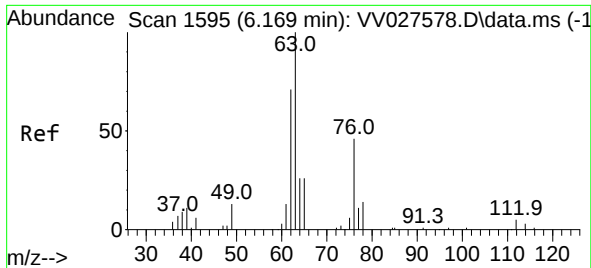


#35
Methylcyclohexane
Concen: 3.957 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV027601.D
Acq: 30 Aug 2022 21:23

Tgt Ion: 83 Resp: 76644

Ion	Ratio	Lower	Upper
83	100		
55	83.7	68.2	102.4
98	47.9	39.0	58.4

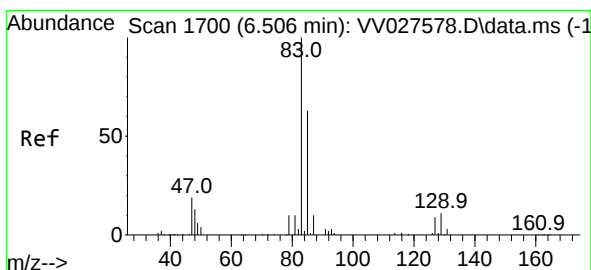
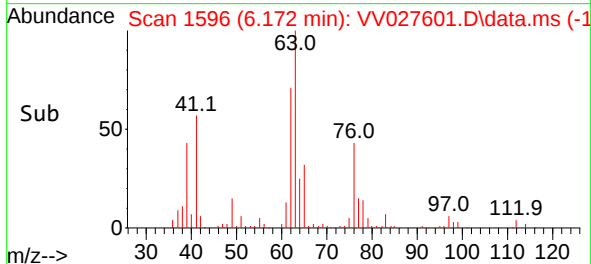
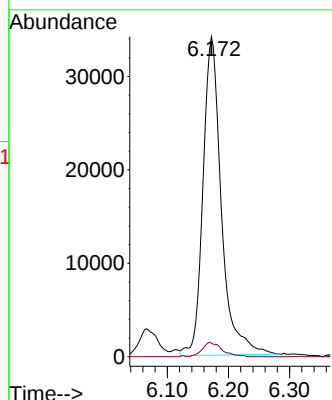
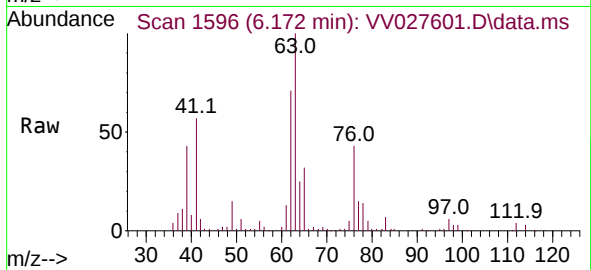




#37
1,2-Dichloropropane
Concen: 5.115 ug/L
RT: 6.172 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV027601.D
Acq: 30 Aug 2022 21:23

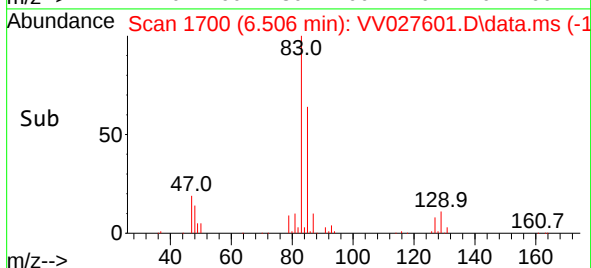
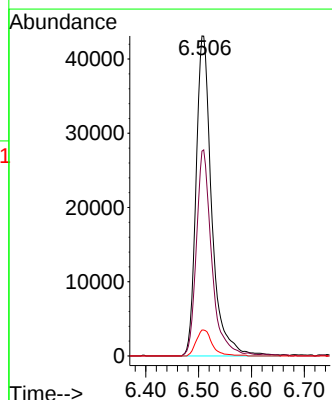
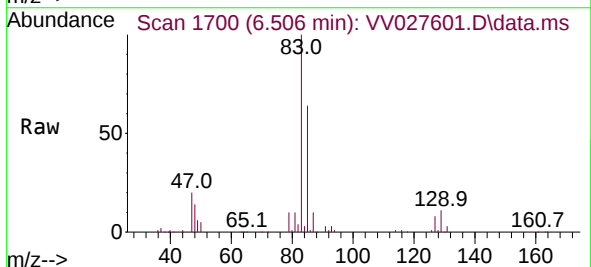
Instrument :
MSVOA_V
ClientSampleId :

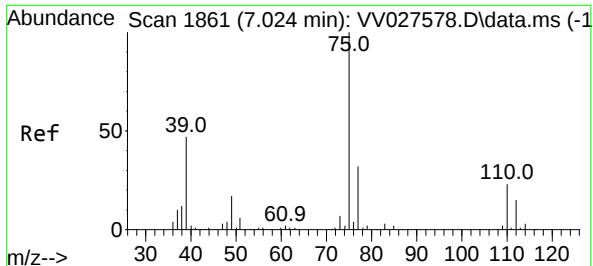
Tgt Ion: 63 Resp: 71361
Ion Ratio Lower Upper
63 100
112 4.8 3.9 5.9



#38
Bromodichloromethane
Concen: 5.019 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VV027601.D
Acq: 30 Aug 2022 21:23

Tgt Ion: 83 Resp: 88788
Ion Ratio Lower Upper
83 100
85 64.0 45.3 84.1
127 8.1 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.025 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV027601.D

Acq: 30 Aug 2022 21:23

Instrument :

MSVOA_V

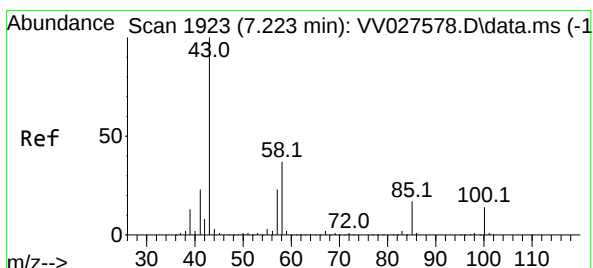
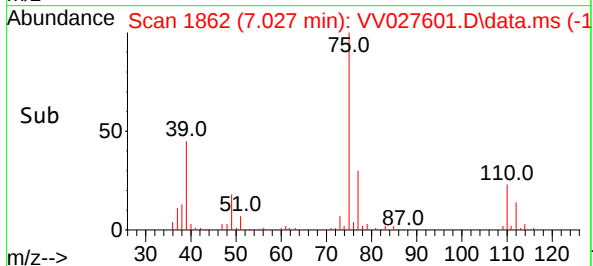
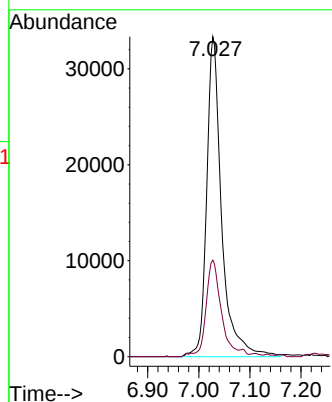
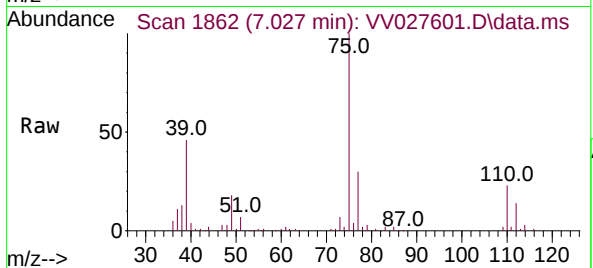
ClientSampleId :

Tgt Ion: 75 Resp: 67708

Ion Ratio Lower Upper

75 100

77 30.2 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 54.197 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV027601.D

Acq: 30 Aug 2022 21:23

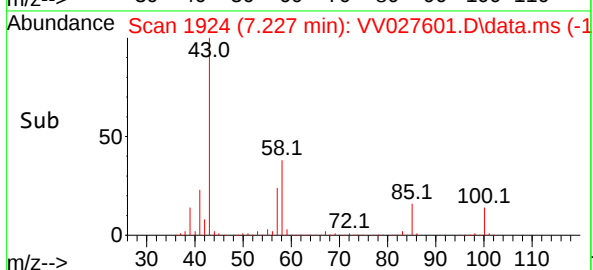
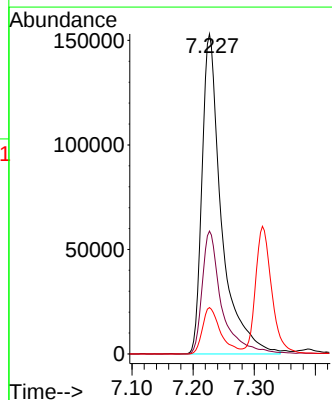
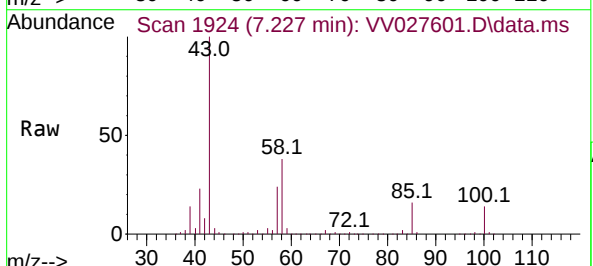
Tgt Ion: 43 Resp: 337832

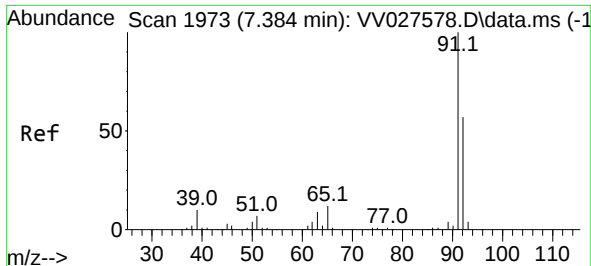
Ion Ratio Lower Upper

43 100

58 38.7 30.6 45.8

100 13.6 11.0 16.4





#42

Toluene

Concen: 5.126 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV027601.D

Acq: 30 Aug 2022 21:23

Instrument :

MSVOA_V

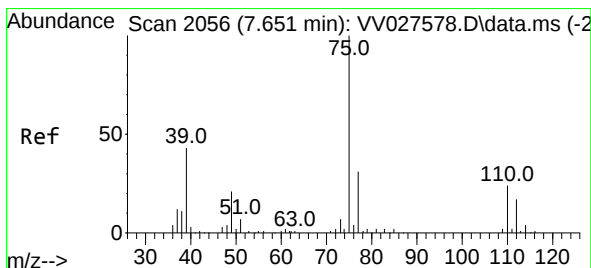
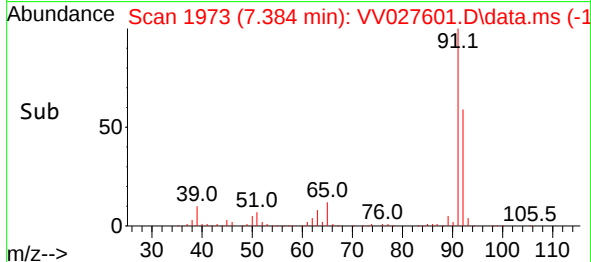
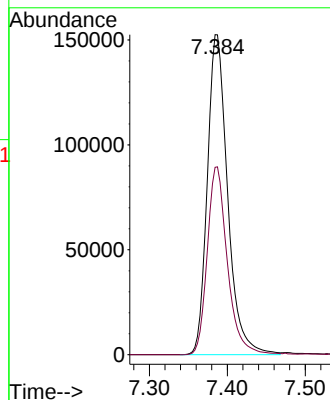
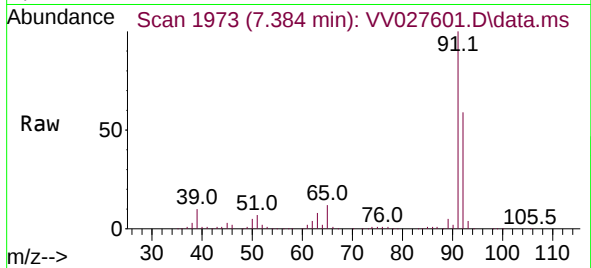
ClientSampleId :

Tgt Ion: 91 Resp: 276886

Ion Ratio Lower Upper

91 100

92 58.6 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 4.064 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV027601.D

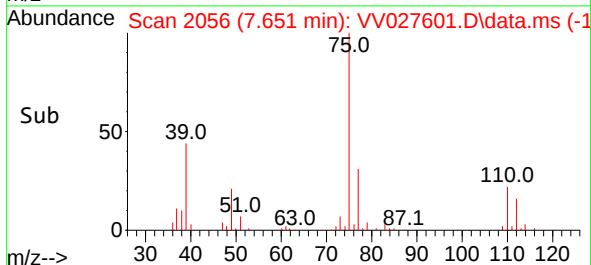
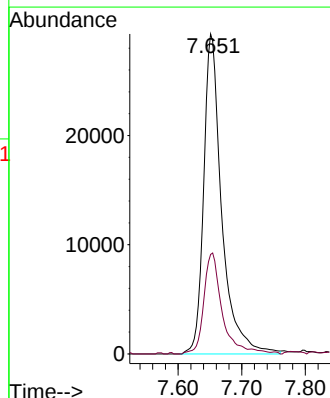
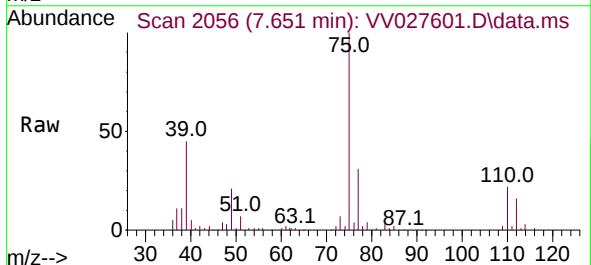
Acq: 30 Aug 2022 21:23

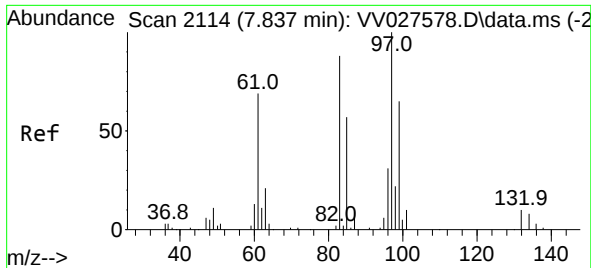
Tgt Ion: 75 Resp: 57788

Ion Ratio Lower Upper

75 100

77 31.1 22.3 41.5



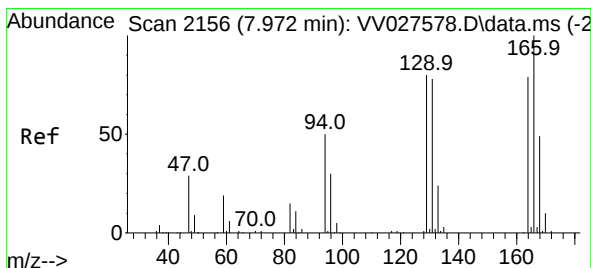
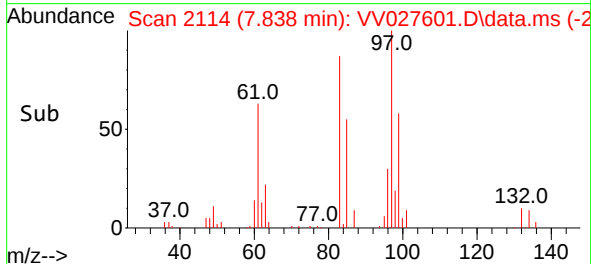
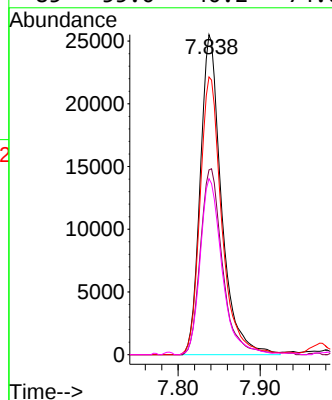
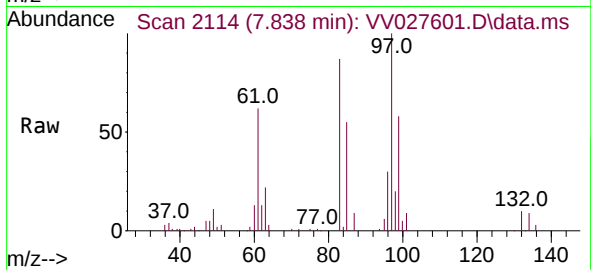


#45
 1,1,2-Trichloroethane
 Concen: 5.139 ug/L
 RT: 7.838 min Scan# 2114
 Delta R.T. 0.000 min
 Lab File: VV027601.D
 Acq: 30 Aug 2022 21:23

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 97 Resp: 45837

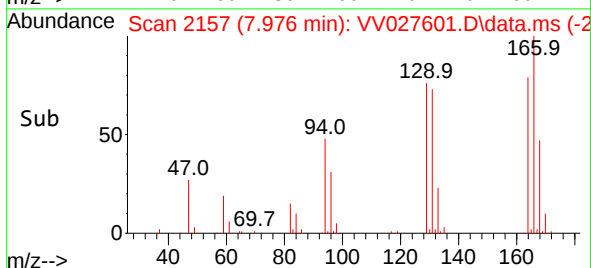
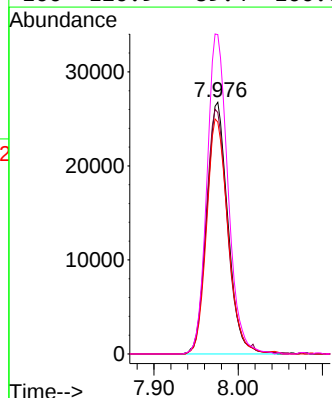
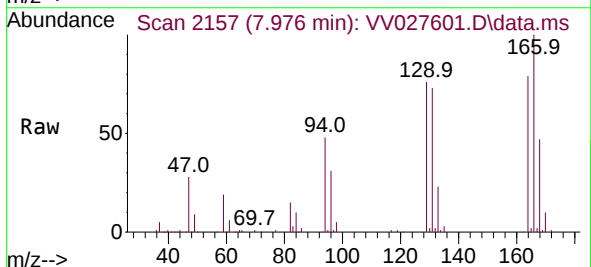
Ion	Ratio	Lower	Upper
97	100		
99	57.8	46.1	85.7
83	86.8	63.0	117.0
85	55.0	40.2	74.6

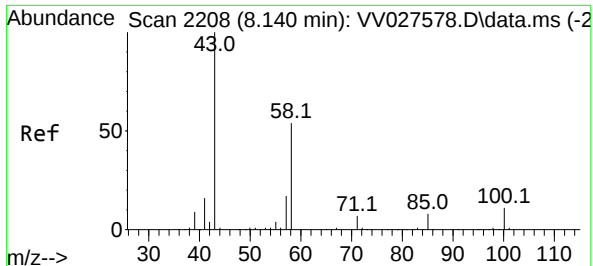


#47
 Tetrachloroethene
 Concen: 4.355 ug/L
 RT: 7.976 min Scan# 2157
 Delta R.T. 0.003 min
 Lab File: VV027601.D
 Acq: 30 Aug 2022 21:23

Tgt Ion: 164 Resp: 46718

Ion	Ratio	Lower	Upper
164	100		
129	95.9	71.1	132.1
131	92.1	64.5	119.9
166	126.9	89.4	166.0

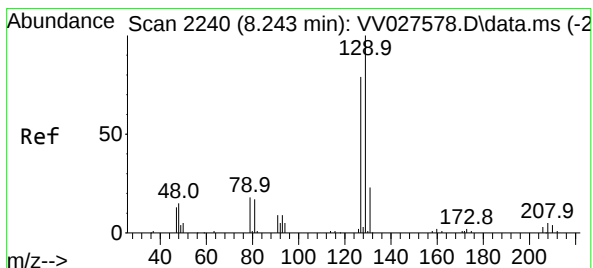
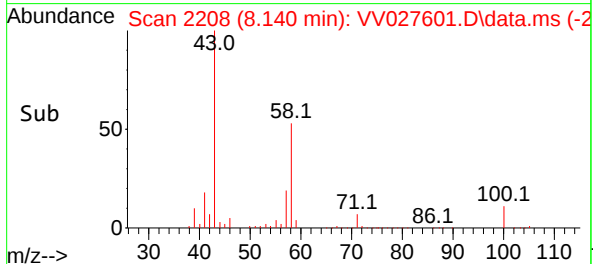
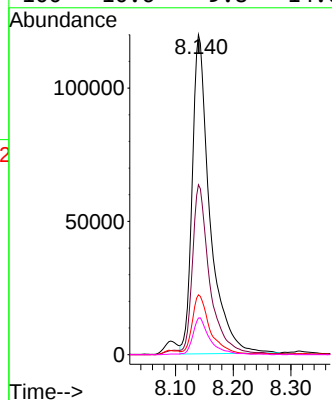
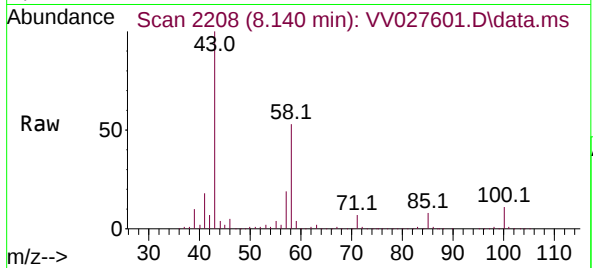




#48
2-Hexanone
Concen: 56.634 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027601.D
Acq: 30 Aug 2022 21:23

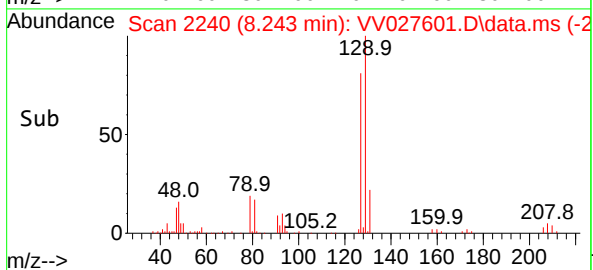
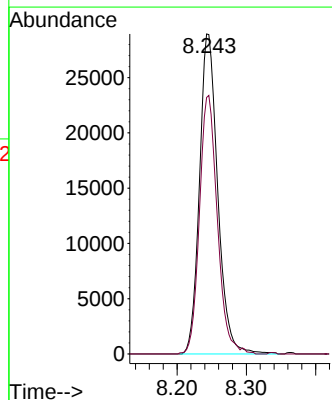
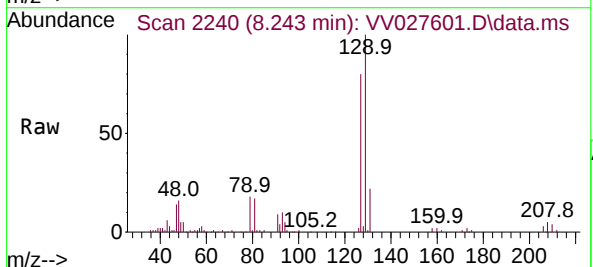
Instrument :
MSVOA_V
ClientSampleId :

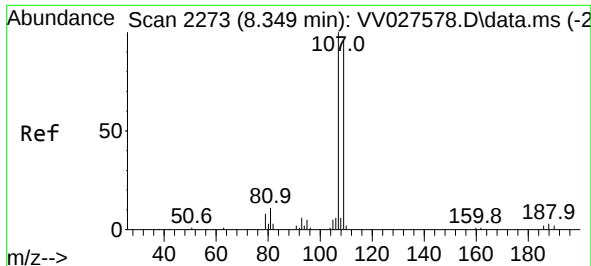
Tgt Ion: 43 Resp: 254382
Ion Ratio Lower Upper
43 100
58 50.6 41.3 61.9
57 18.3 14.9 22.3
100 10.6 9.8 14.6



#49
Dibromochloromethane
Concen: 4.831 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV027601.D
Acq: 30 Aug 2022 21:23

Tgt Ion:129 Resp: 52989
Ion Ratio Lower Upper
129 100
127 80.1 55.9 103.7





#50

1,2-Dibromoethane

Concen: 5.337 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV027601.D

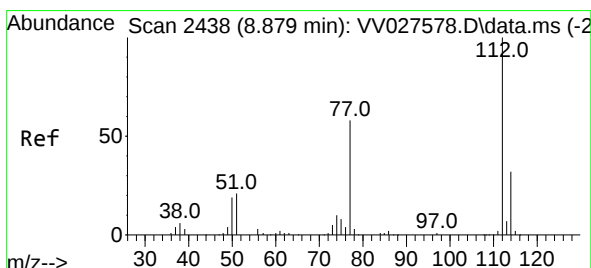
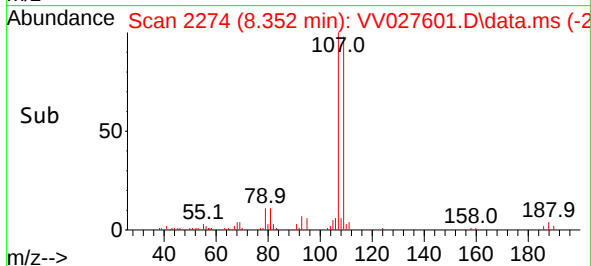
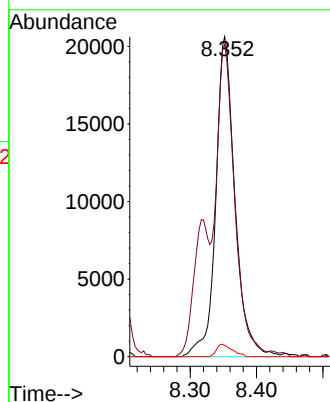
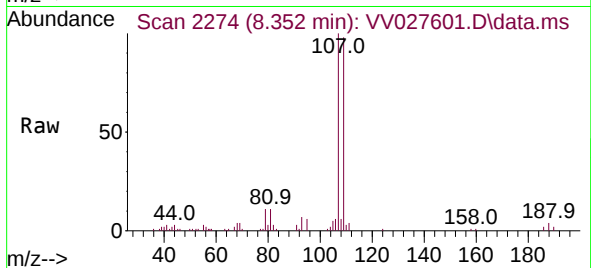
Acq: 30 Aug 2022 21:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	41551
Ion	Ratio	Lower	Upper
107	100		
109	97.7	67.8	125.8
188	3.5	3.5	5.3



#51

Chlorobenzene

Concen: 4.863 ug/L

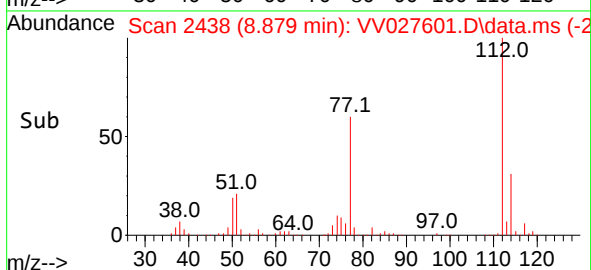
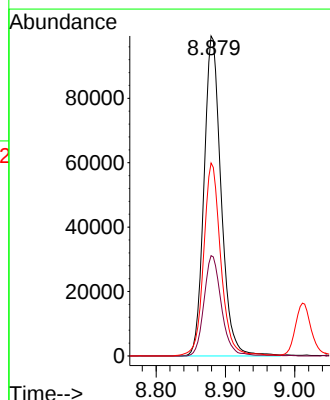
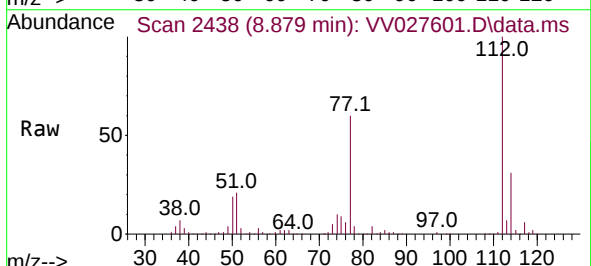
RT: 8.879 min Scan# 2438

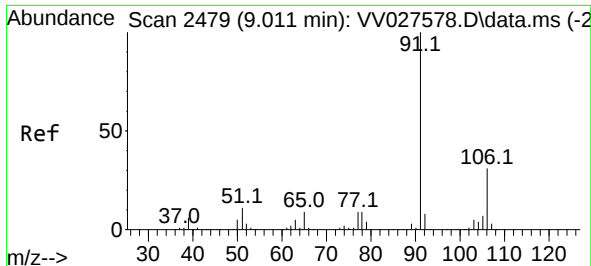
Delta R.T. 0.000 min

Lab File: VV027601.D

Acq: 30 Aug 2022 21:23

Tgt Ion:	112	Resp:	169995
Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.7	42.1
77	60.3	46.2	69.4

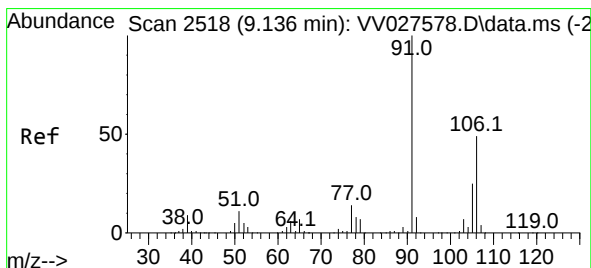
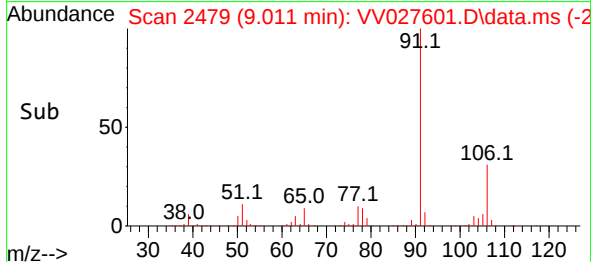
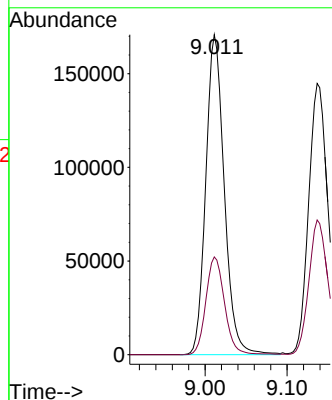
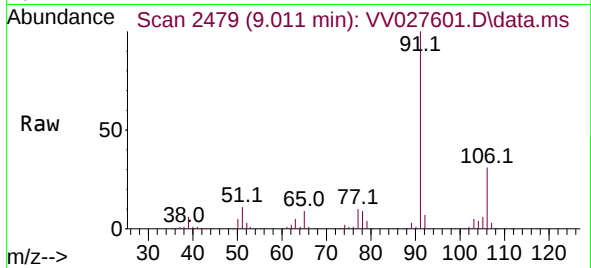




#52
Ethylbenzene
Concen: 4.845 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV027601.D
Acq: 30 Aug 2022 21:23

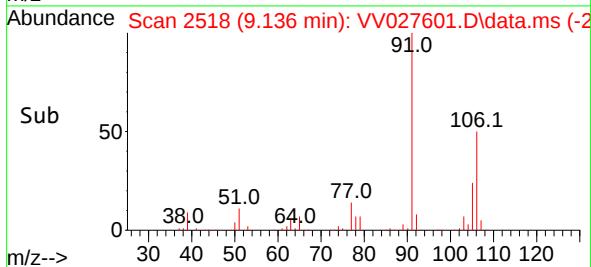
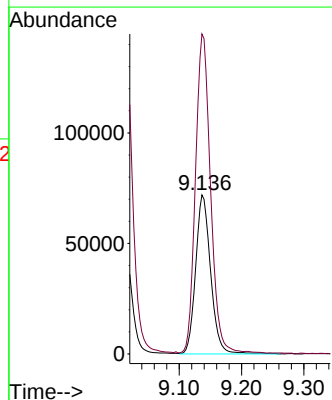
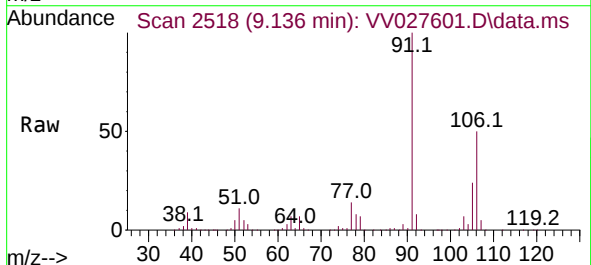
Instrument :
MSVOA_V
ClientSampleId :

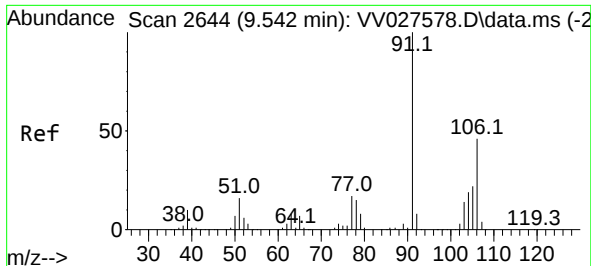
Tgt Ion: 91 Resp: 267121
Ion Ratio Lower Upper
91 100
106 30.6 21.4 39.8



#53
m,p-Xylene
Concen: 5.696 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV027601.D
Acq: 30 Aug 2022 21:23

Tgt Ion: 106 Resp: 120177
Ion Ratio Lower Upper
106 100
91 201.2 143.8 267.0

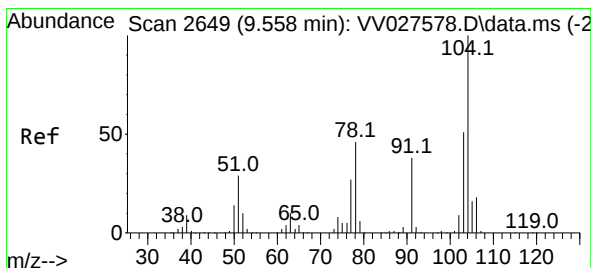
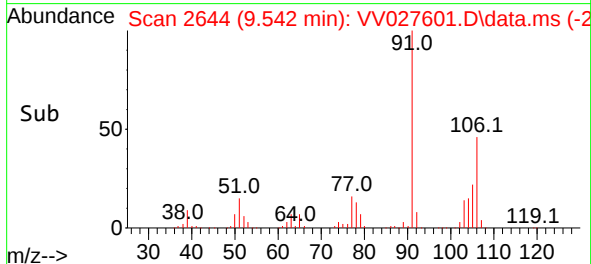
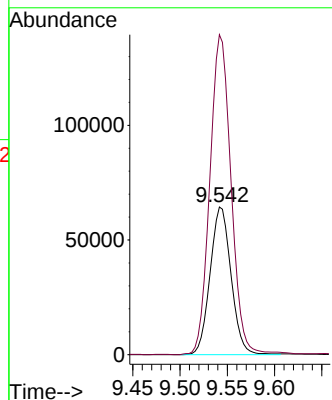
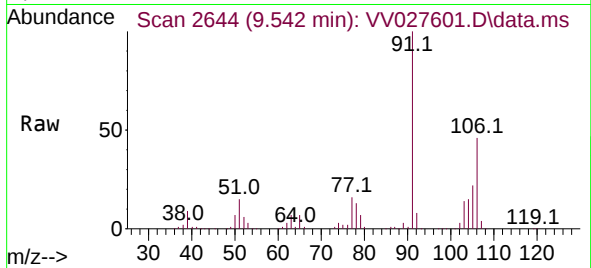




#54
o-Xylene
Concen: 4.855 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027601.D
Acq: 30 Aug 2022 21:23

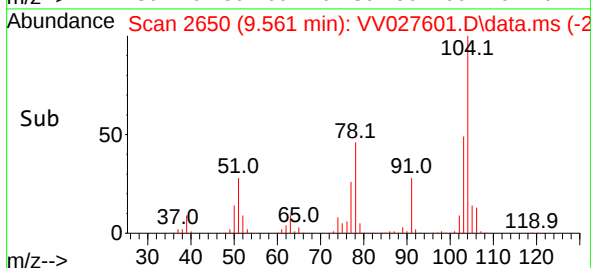
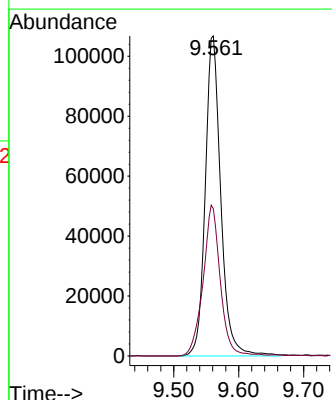
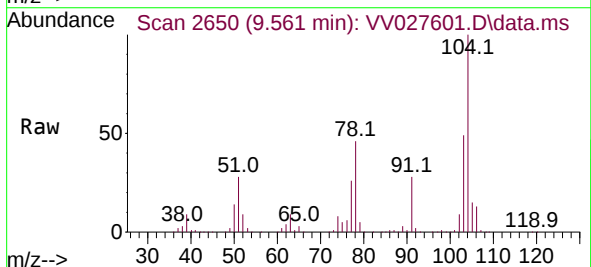
Instrument :
MSVOA_V
ClientSampleId :

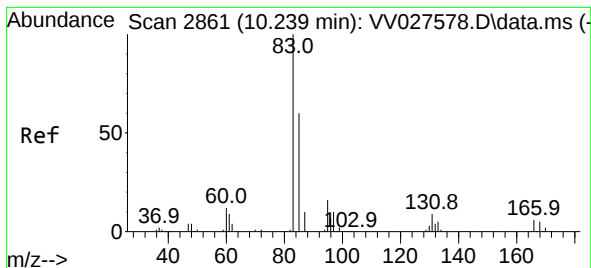
Tgt Ion:106 Resp: 99354
Ion Ratio Lower Upper
106 100
91 216.8 151.6 281.6



#55
Styrene
Concen: 5.120 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV027601.D
Acq: 30 Aug 2022 21:23

Tgt Ion:104 Resp: 178276
Ion Ratio Lower Upper
104 100
78 46.0 32.0 59.4

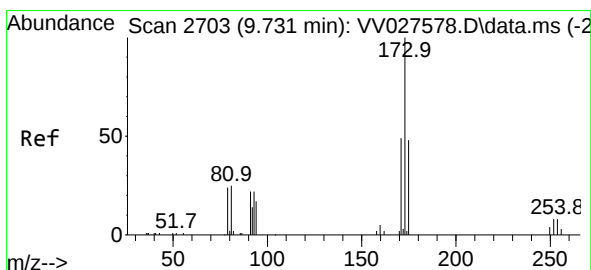
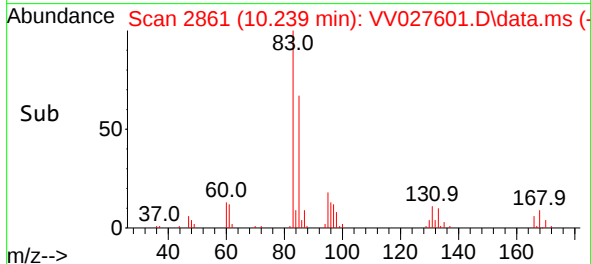
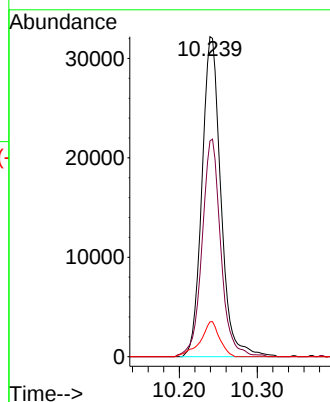
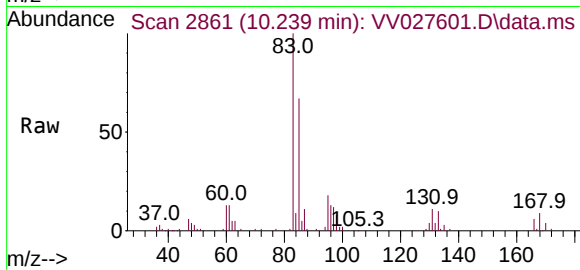




#57
1,1,2,2-Tetrachloroethane
Concen: 5.404 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV027601.D
Acq: 30 Aug 2022 21:23

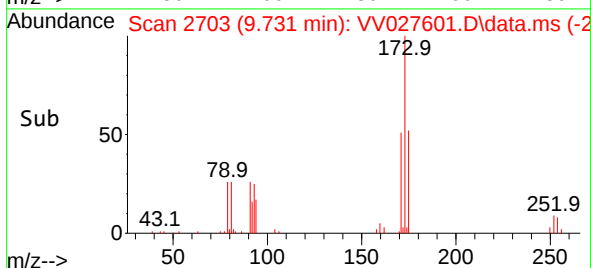
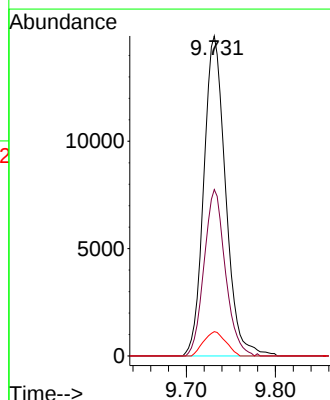
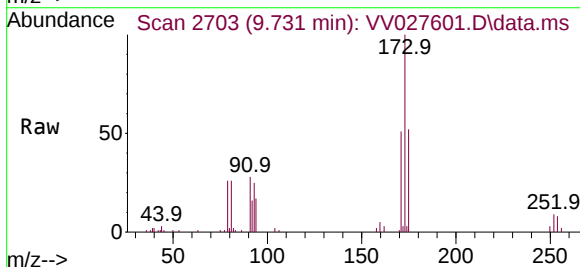
Instrument :
MSVOA_V
ClientSampleId :

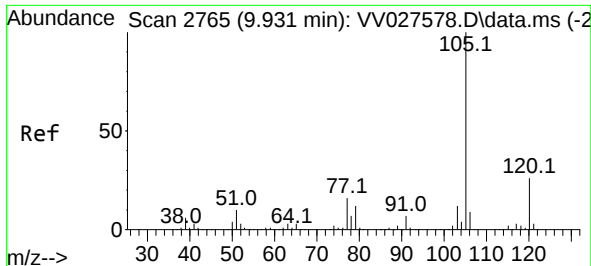
Tgt Ion: 83 Resp: 54290
Ion Ratio Lower Upper
83 100
85 67.4 44.1 81.9
131 10.9 7.3 10.9#



#59
Bromoform
Concen: 4.865 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV027601.D
Acq: 30 Aug 2022 21:23

Tgt Ion: 173 Resp: 25337
Ion Ratio Lower Upper
173 100
175 50.7 39.0 58.6
254 7.7 7.1 10.7

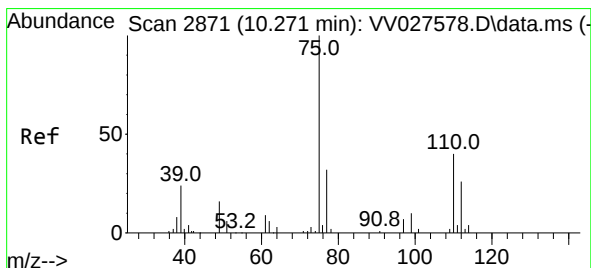
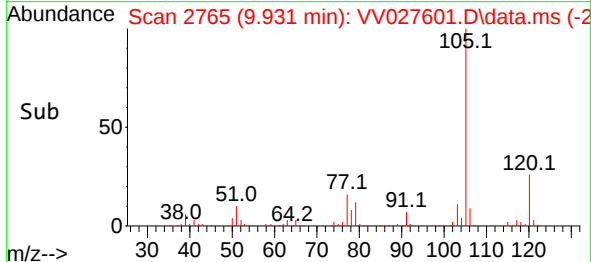
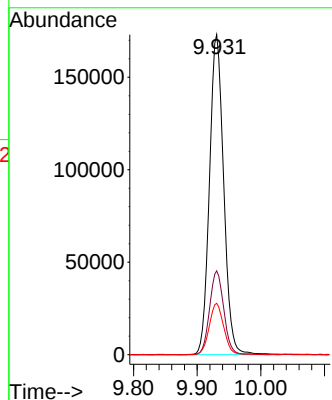
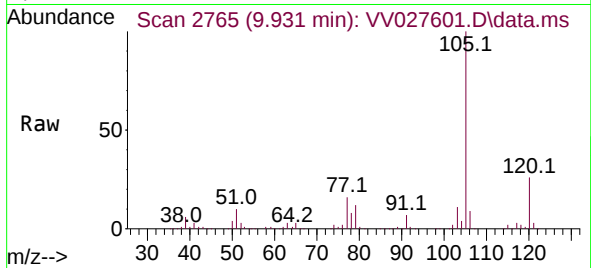




#60
Isopropylbenzene
Concen: 5.243 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027601.D
Acq: 30 Aug 2022 21:23

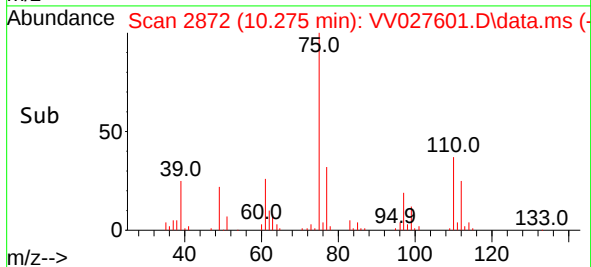
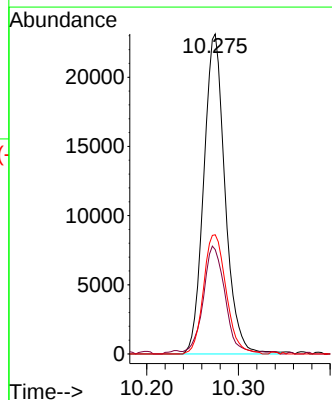
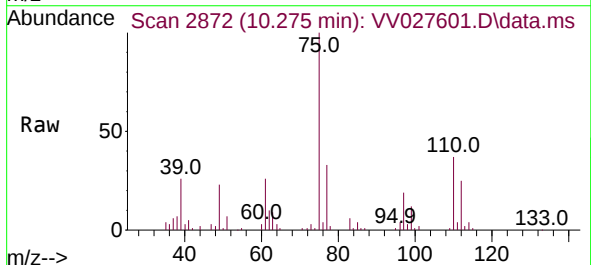
Instrument :
MSVOA_V
ClientSampleId :

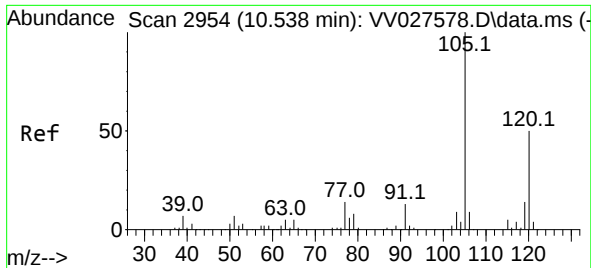
Tgt Ion:105 Resp: 268082
Ion Ratio Lower Upper
105 100
120 26.0 20.9 31.3
77 16.5 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.478 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV027601.D
Acq: 30 Aug 2022 21:23

Tgt Ion: 75 Resp: 37344
Ion Ratio Lower Upper
75 100
77 32.5 26.2 39.2
110 39.5 29.9 44.9

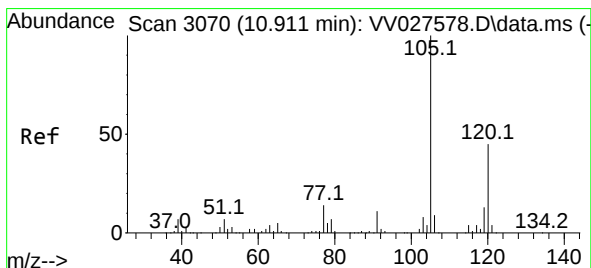
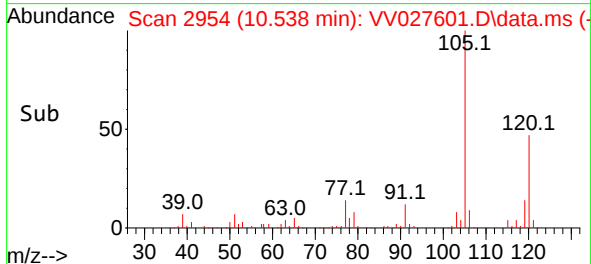
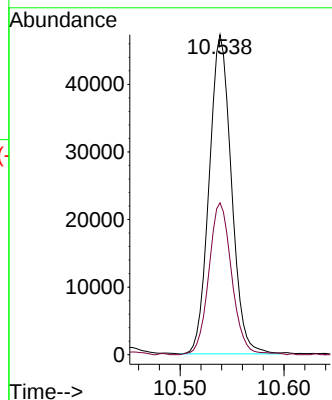
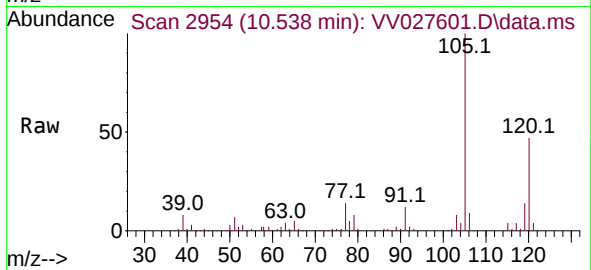




#62
 1,3,5-Trimethylbenzene
 Concen: 4.953 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV027601.D
 Acq: 30 Aug 2022 21:23

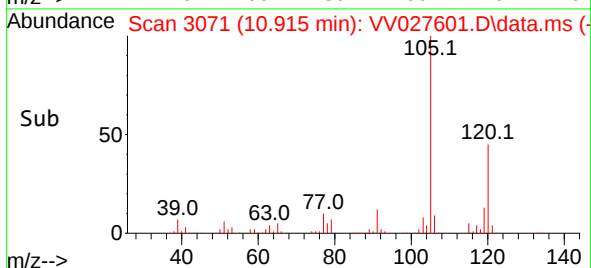
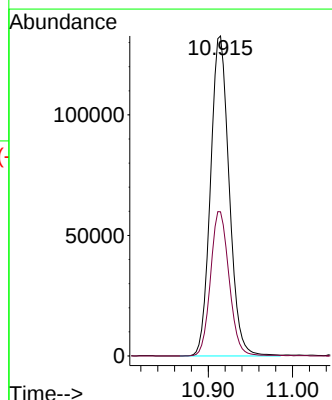
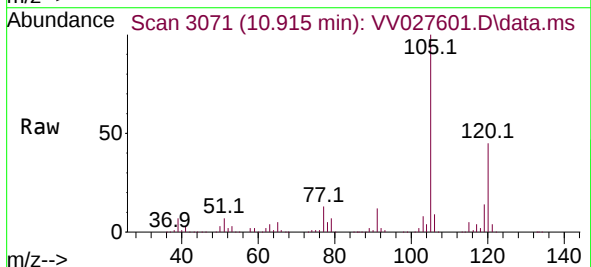
Instrument :
 MSVOA_V
 ClientSampleId :

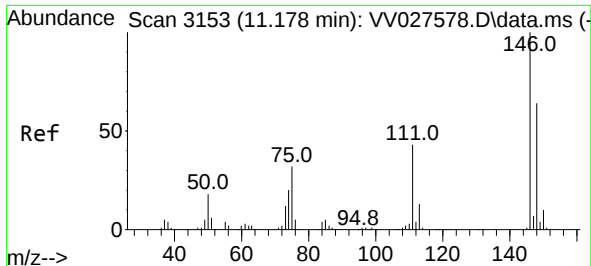
Tgt Ion:105 Resp: 70221
 Ion Ratio Lower Upper
 105 100
 120 49.0 38.7 58.1



#63
 1,2,4-Trimethylbenzene
 Concen: 5.116 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV027601.D
 Acq: 30 Aug 2022 21:23

Tgt Ion:105 Resp: 204351
 Ion Ratio Lower Upper
 105 100
 120 45.0 35.8 53.6

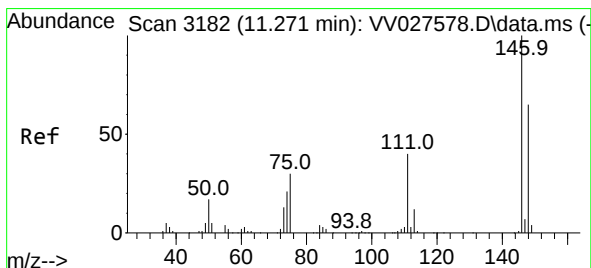
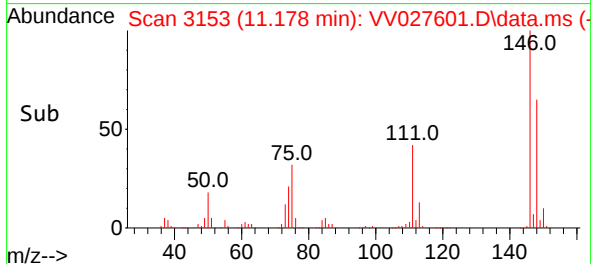
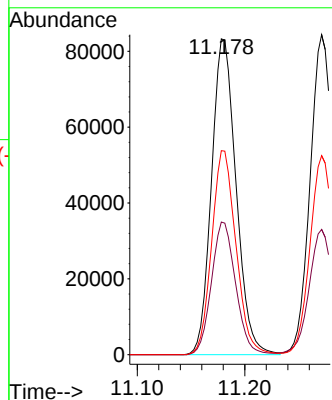
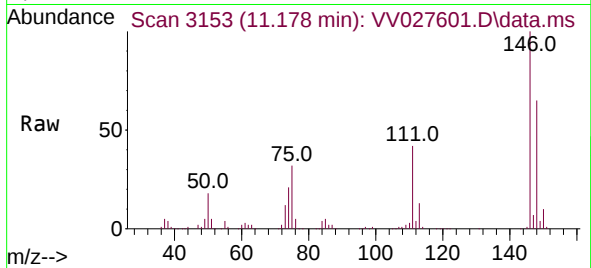




#64
1,3-Dichlorobenzene
Concen: 5.257 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV027601.D
Acq: 30 Aug 2022 21:23

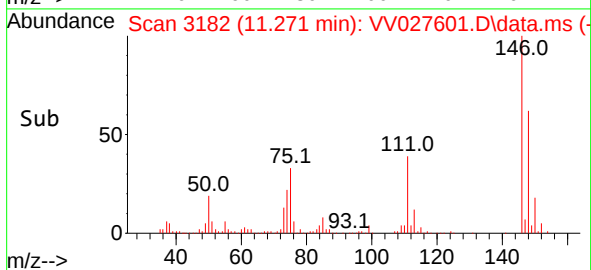
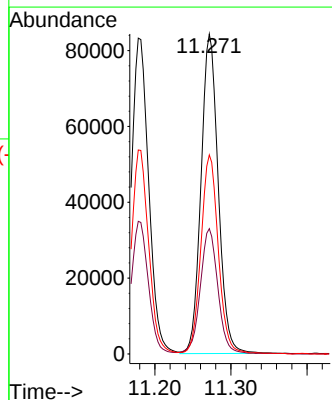
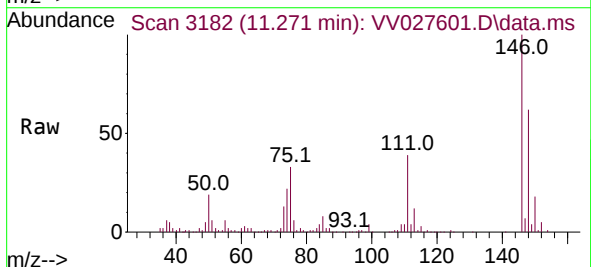
Instrument :
MSVOA_V
ClientSampleId :

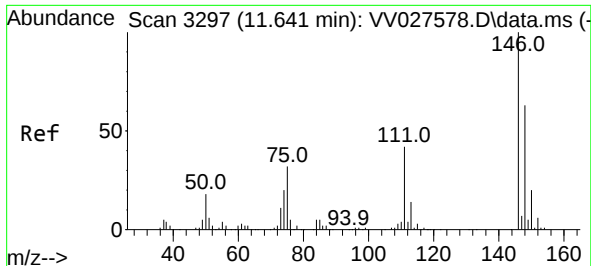
Tgt Ion:146 Resp: 132431
Ion Ratio Lower Upper
146 100
111 42.0 28.8 53.4
148 64.6 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 5.261 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV027601.D
Acq: 30 Aug 2022 21:23

Tgt Ion:146 Resp: 132129
Ion Ratio Lower Upper
146 100
111 39.2 26.6 49.4
148 62.2 42.6 79.0





#67

1,2-Dichlorobenzene

Concen: 5.492 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV027601.D

Acq: 30 Aug 2022 21:23

Instrument :

MSVOA_V

ClientSampleId :

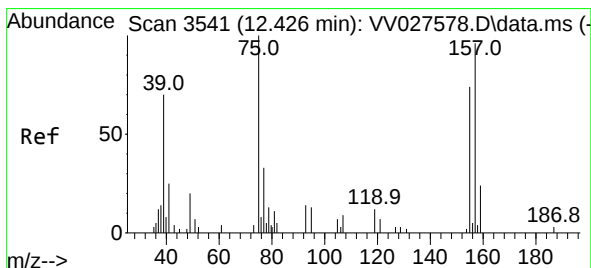
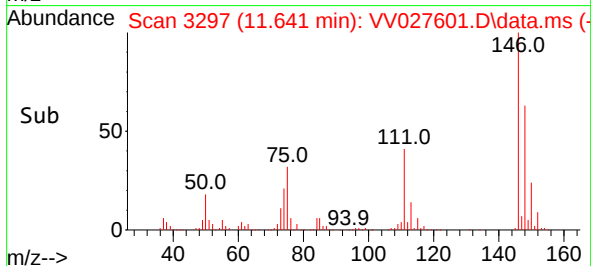
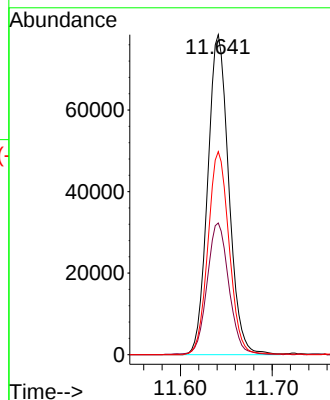
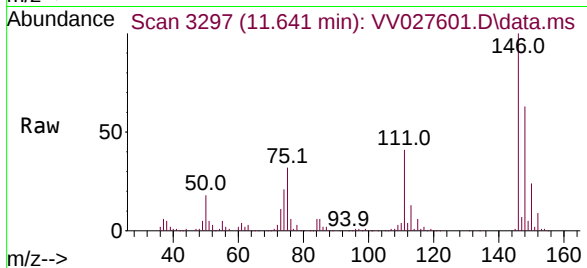
Tgt Ion:146 Resp: 125438

Ion Ratio Lower Upper

146 100

111 41.1 34.5 51.7

148 63.4 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 4.953 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV027601.D

Acq: 30 Aug 2022 21:23

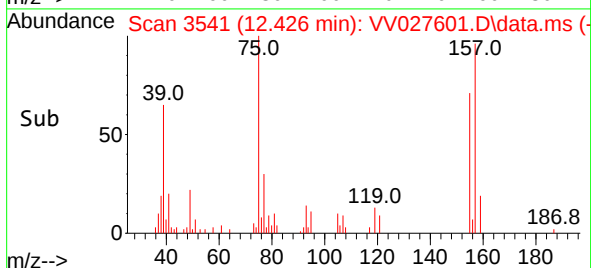
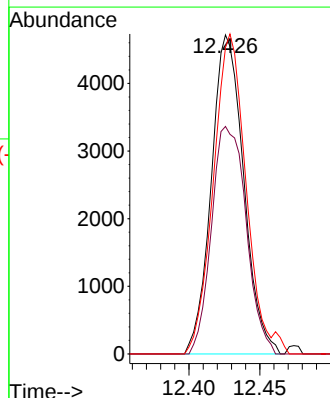
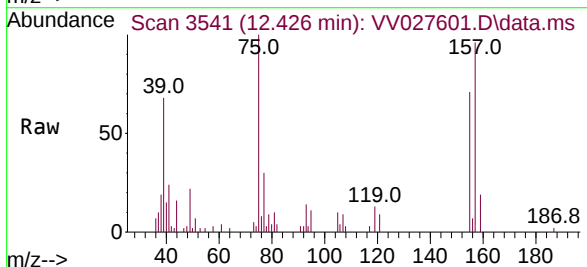
Tgt Ion: 75 Resp: 7501

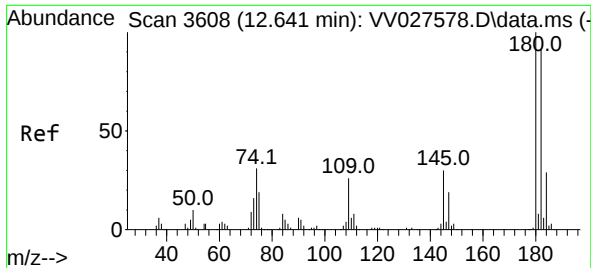
Ion Ratio Lower Upper

75 100

155 71.3 63.1 94.7

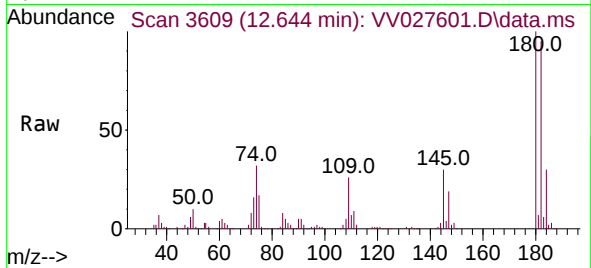
157 96.0 81.8 122.8



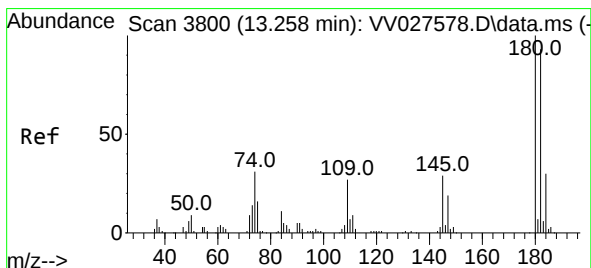
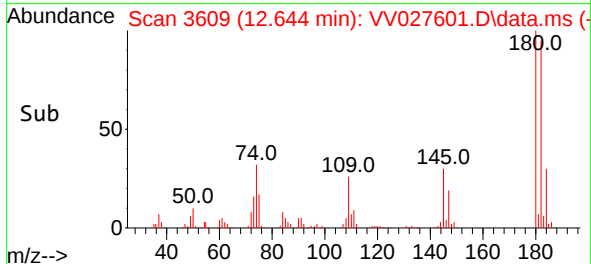
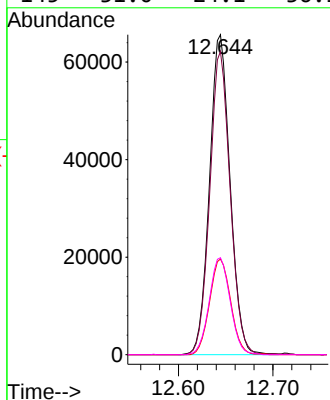


#69
1,3,5-Trichlorobenzene
Concen: 5.279 ug/L
RT: 12.644 min Scan# 3608
Delta R.T. 0.003 min
Lab File: VV027601.D
Acq: 30 Aug 2022 21:23

Instrument :
MSVOA_V
ClientSampleId :

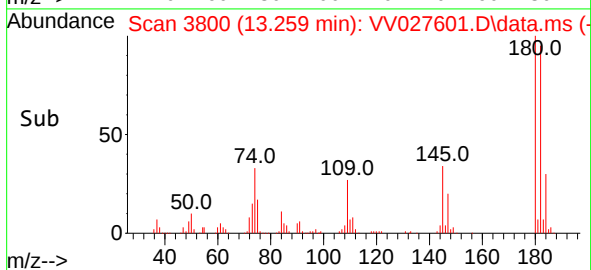
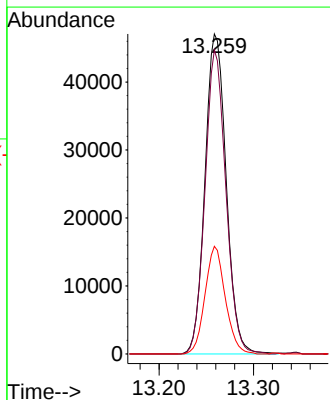
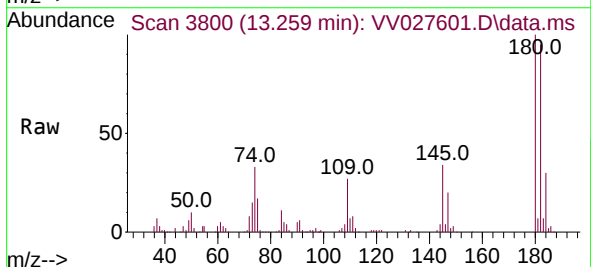


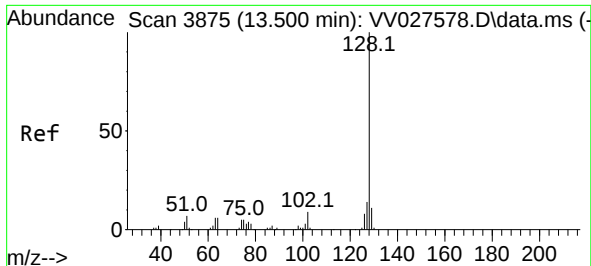
Tgt Ion:180 Resp: 99262
Ion Ratio Lower Upper
180 100
182 93.8 74.1 111.1
184 30.5 23.2 34.8
145 31.0 24.1 36.1



#70
1,2,4-trichlorobenzene
Concen: 5.376 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. 0.000 min
Lab File: VV027601.D
Acq: 30 Aug 2022 21:23

Tgt Ion:180 Resp: 73468
Ion Ratio Lower Upper
180 100
182 93.1 76.0 114.0
145 32.1 24.9 37.3

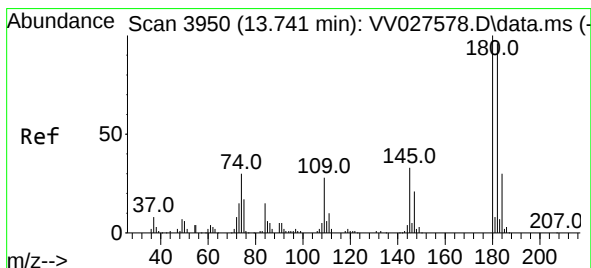
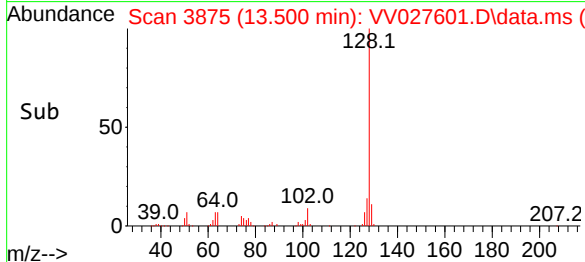
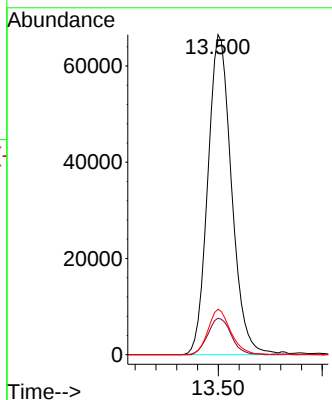
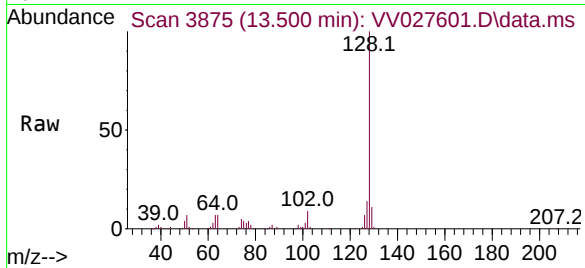




#71
Naphthalene
Concen: 5.583 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV027601.D
Acq: 30 Aug 2022 21:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 105309
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.5 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.520 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV027601.D
Acq: 30 Aug 2022 21:23

Tgt Ion:180 Resp: 66991
Ion Ratio Lower Upper
180 100
182 93.5 75.3 112.9
145 33.7 26.6 39.8

