

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027720.D
 Acq On : 02 Sep 2022 13:35
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 03 04:18:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 02 03:03:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	129370	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	126521	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	68336	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	61259	4.359	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.200%
7) Chloroethane-d5	1.568	69	50762	4.317	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.108	63	126133	4.585	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.800%
20) 2-Butanone-d5	3.896	46	75916	31.948	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	63.900%
24) Chloroform-d	4.346	84	122609	4.346	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.031	65	56426	4.464	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	5.047	84	233285	4.501	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.066	67	64562	4.028	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.600%
41) Toluene-d8	7.313	98	218582	4.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	7.622	79	23046	4.667	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.088	63	81060	43.649	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.300%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	42694	4.139	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	69637	4.552	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	90840	5.154	ug/L	100
3) Chloromethane	1.240	50	76649	4.542	ug/L	99
5) Vinyl chloride	1.311	62	78697	4.897	ug/L	99
6) Bromomethane	1.523	94	36008	4.768	ug/L	99
8) Chloroethane	1.584	64	46332	5.159	ug/L	99
9) Trichlorofluoromethane	1.751	101	120384	5.586	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	61111	5.209	ug/L	99
12) 1,1-Dichloroethene	2.118	96	56709	5.251	ug/L	89
13) Acetone	2.179	43	48894	30.409	ug/L	67
14) Carbon disulfide	2.291	76	176496	5.173	ug/L	100
15) Methyl Acetate	2.439	43	17052	3.998	ug/L	97
16) Methylene chloride	2.503	84	68525	5.030	ug/L	91
17) Methyl tert-butyl Ether	2.767	73	112692	4.885	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	59847	4.890	ug/L	99
19) 1,1-Dichloroethane	3.188	63	115402	4.816	ug/L	100
21) 2-Butanone	3.979	43	84967	38.964	ug/L	91
22) cis-1,2-Dichloroethene	3.908	96	60958	4.990	ug/L	89
23) Bromochloromethane	4.246	128	26856	4.963	ug/L	92
25) Chloroform	4.371	83	122755	4.879	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027720.D
 Acq On : 02 Sep 2022 13:35
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

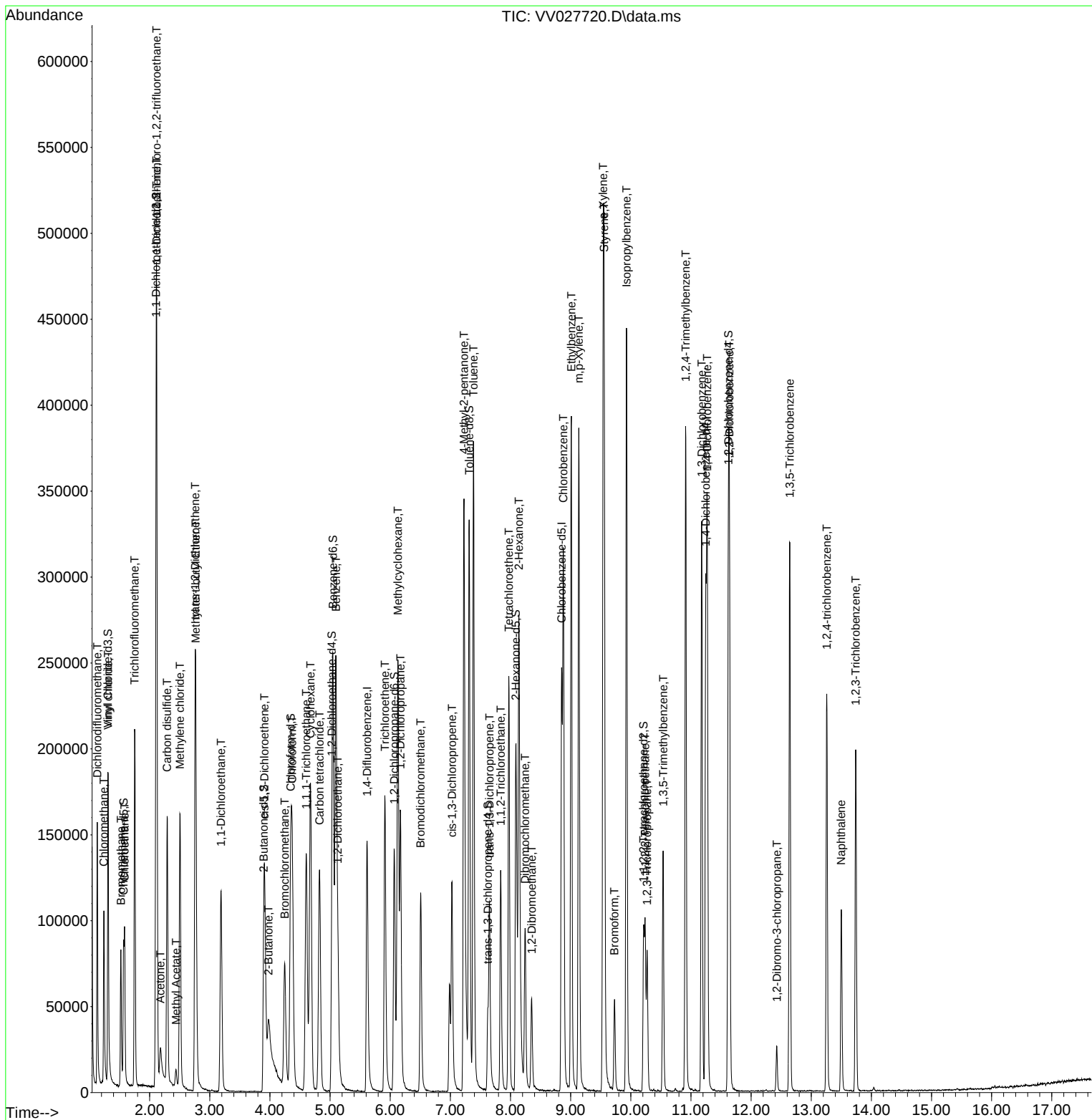
Instrument :
 MSVOA_V
 ClientSampleId :

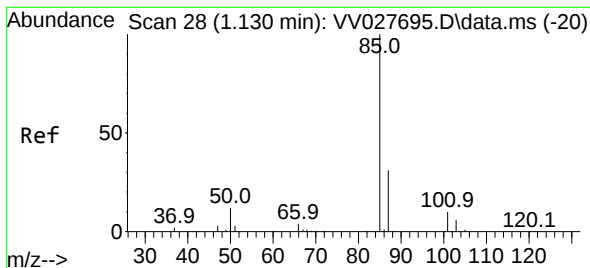
Quant Time: Sep 03 04:18:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 02 03:03:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	69238	5.040	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	112388	5.137	ug/L	98
30) Cyclohexane	4.674	56	88502	4.796	ug/L	93
31) Carbon tetrachloride	4.825	117	99122	5.295	ug/L	100
33) Benzene	5.098	78	255148	5.170	ug/L	100
34) Trichloroethene	5.912	95	60867	5.018	ug/L	98
35) Methylcyclohexane	6.127	83	95175	5.056	ug/L	96
37) 1,2-Dichloropropane	6.172	63	61833	4.962	ug/L #	95
38) Bromodichloromethane	6.506	83	78813	5.001	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	75512	4.964	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	270226	48.794	ug/L #	98
42) Toluene	7.384	91	271427	5.508	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	65120	5.252	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	41069	5.110	ug/L	99
47) Tetrachloroethene	7.973	164	52110	5.298	ug/L	99
48) 2-Hexanone	8.140	43	201759	48.545	ug/L #	96
49) Dibromochloromethane	8.243	129	48627	5.106	ug/L	100
50) 1,2-Dibromoethane	8.352	107	35659	4.953	ug/L	98
51) Chlorobenzene	8.879	112	166654	5.364	ug/L	96
52) Ethylbenzene	9.011	91	268621	5.381	ug/L	100
53) m,p-Xylene	9.137	106	107700	5.612	ug/L	94
54) o-Xylene	9.542	106	102218	5.581	ug/L	97
55) Styrene	9.558	104	176276	5.636	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	43501	4.895	ug/L	99
59) Bromoform	9.728	173	23848	4.913	ug/L	99
60) Isopropylbenzene	9.931	105	273685	5.292	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	31109	4.499	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	74451	5.276	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	208679	5.143	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	131607	5.273	ug/L	97
65) 1,4-Dichlorobenzene	11.272	146	129316	5.211	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	117772	5.261	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	6607	4.798	ug/L	87
69) 1,3,5-Trichlorobenzene	12.644	180	96635	5.370	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	70519	5.317	ug/L	99
71) Naphthalene	13.500	128	85004	4.095	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	58486	4.895	ug/L	98

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

Quant Time: Sep 03 04:18:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 02 03:03:49 2022
Response via : Initial Calibration

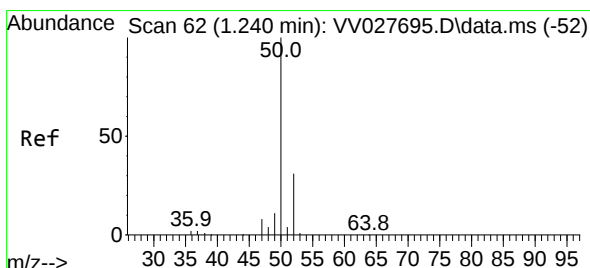
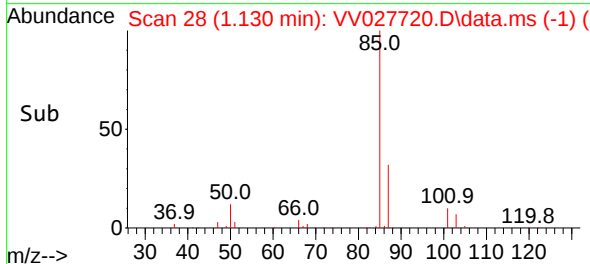
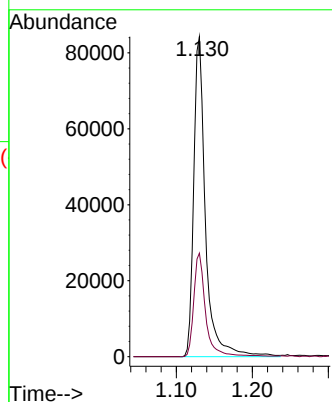
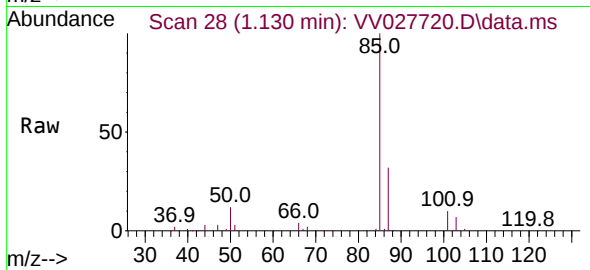




#2
 Dichlorodifluoromethane
 Concen: 5.154 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV027720.D
 Acq: 02 Sep 2022 13:35

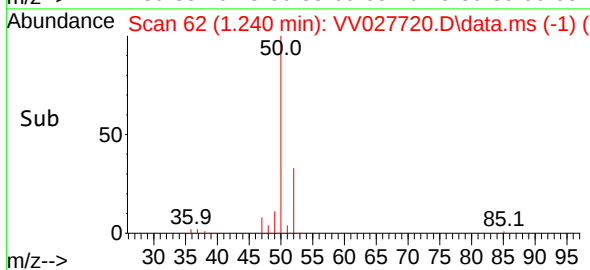
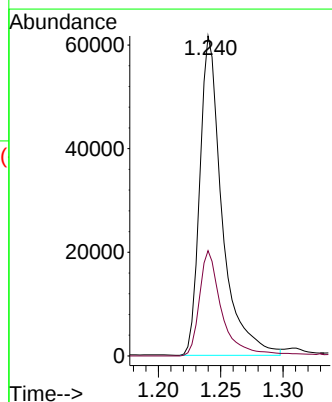
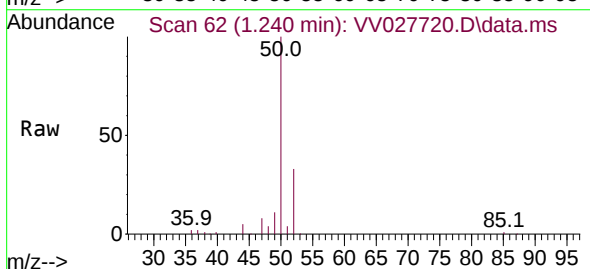
Instrument :
 MSVOA_V
 ClientSampleId :

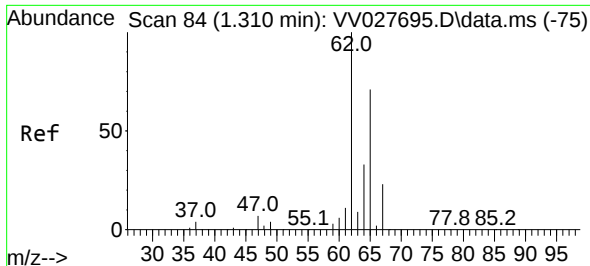
Tgt Ion: 85 Resp: 90840
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.2 39.4



#3
 Chloromethane
 Concen: 4.542 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV027720.D
 Acq: 02 Sep 2022 13:35

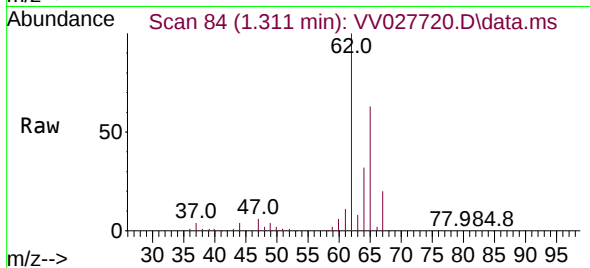
Tgt Ion: 50 Resp: 76649
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.5 43.7



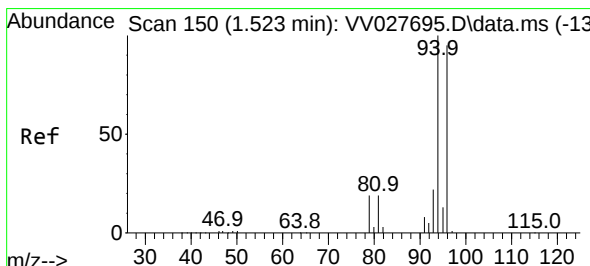
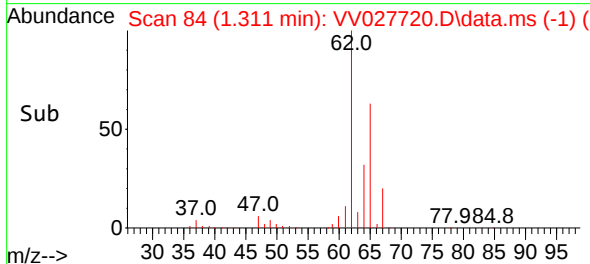
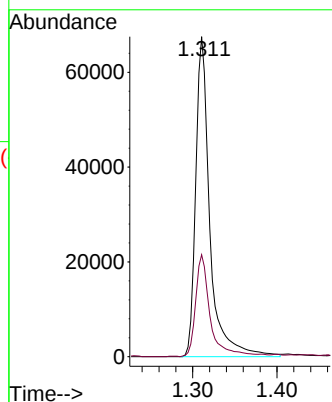


#5
 Vinyl chloride
 Concen: 4.897 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV027720.D
 Acq: 02 Sep 2022 13:35

Instrument :
 MSVOA_V
 ClientSampleId :

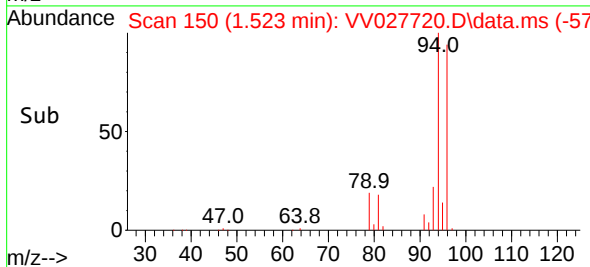
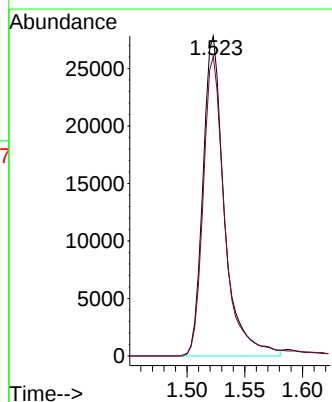
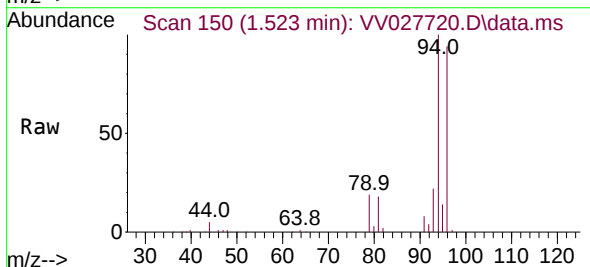


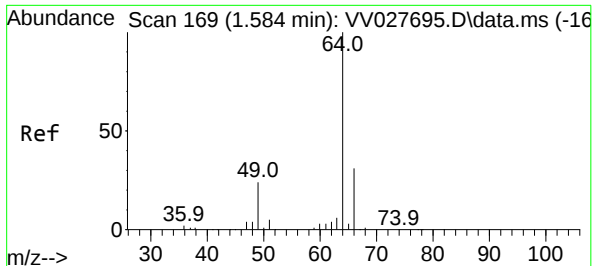
Tgt Ion: 62 Resp: 78697
 Ion Ratio Lower Upper
 62 100
 64 31.8 21.8 40.4



#6
 Bromomethane
 Concen: 4.768 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV027720.D
 Acq: 02 Sep 2022 13:35

Tgt Ion: 94 Resp: 36008
 Ion Ratio Lower Upper
 94 100
 96 93.7 65.1 120.9

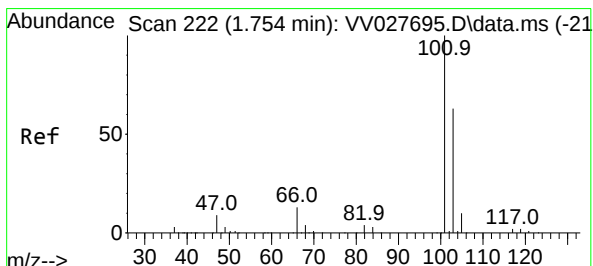
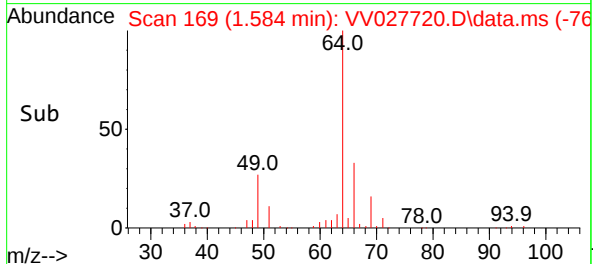
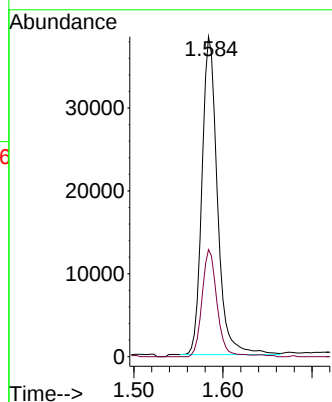
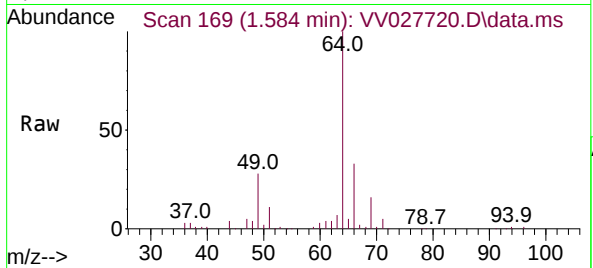




#8
Chloroethane
Concen: 5.159 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV027720.D
Acq: 02 Sep 2022 13:35

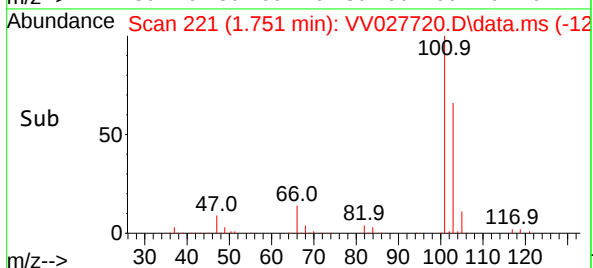
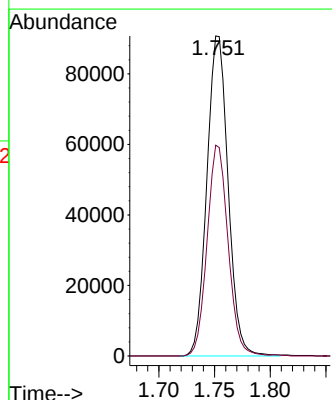
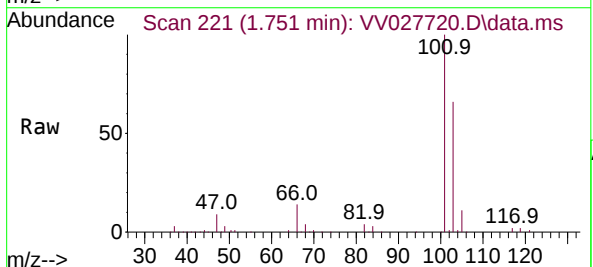
Instrument :
MSVOA_V
ClientSampleId :

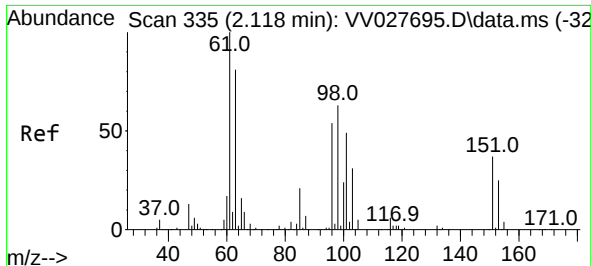
Tgt Ion: 64 Resp: 46332
Ion Ratio Lower Upper
64 100
66 33.5 24.0 44.6



#9
Trichlorofluoromethane
Concen: 5.586 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV027720.D
Acq: 02 Sep 2022 13:35

Tgt Ion:101 Resp: 120384
Ion Ratio Lower Upper
101 100
103 65.0 51.6 77.4

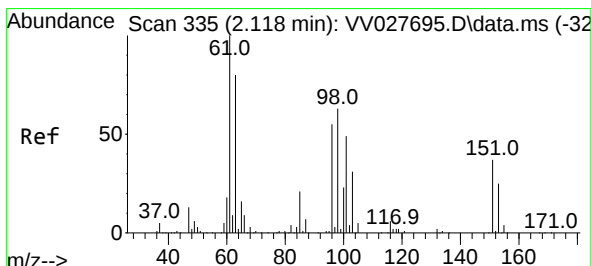
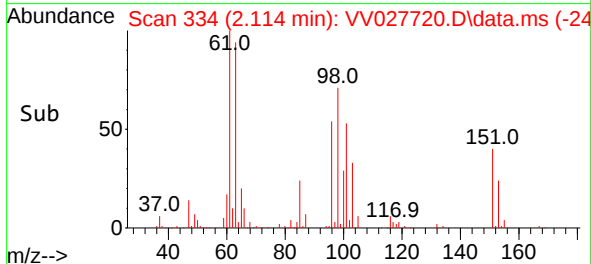
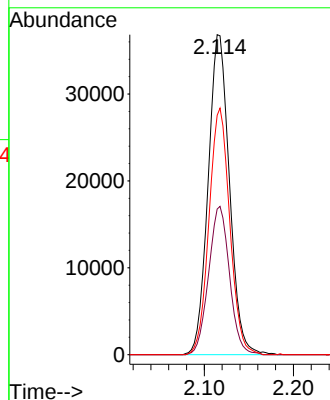
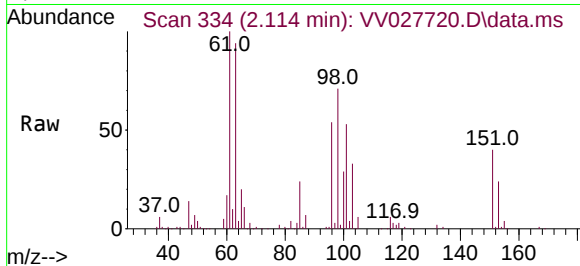




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.209 ug/L
 RT: 2.114 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV027720.D
 Acq: 02 Sep 2022 13:35

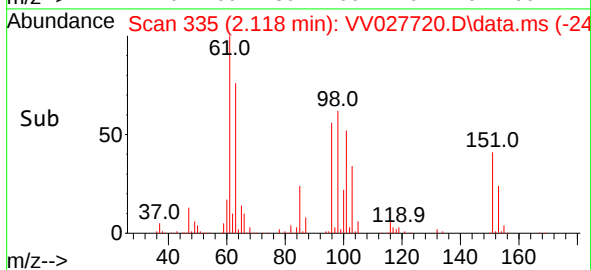
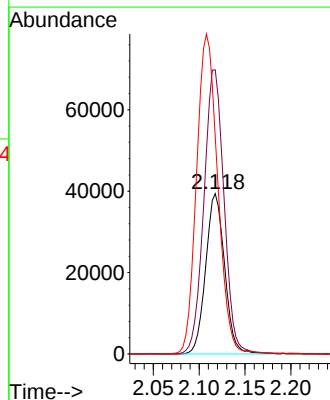
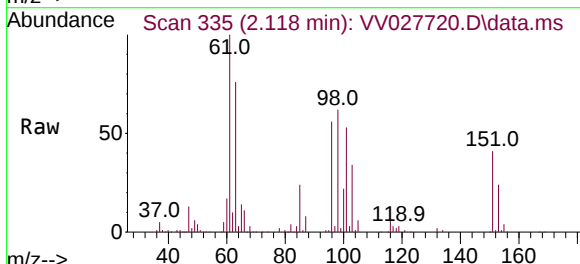
Instrument :
 MSVOA_V
 ClientSampleId :

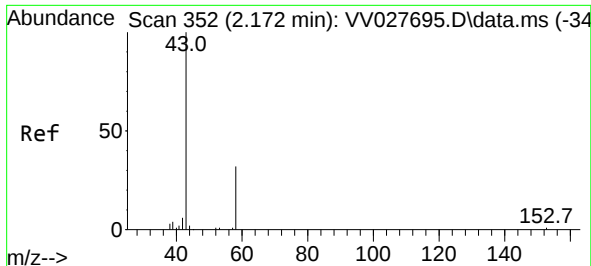
Tgt Ion:101 Resp: 61111
 Ion Ratio Lower Upper
 101 100
 85 45.5 36.7 55.1
 151 75.2 60.9 91.3



#12
 1,1-Dichloroethene
 Concen: 5.251 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV027720.D
 Acq: 02 Sep 2022 13:35

Tgt Ion: 96 Resp: 56709
 Ion Ratio Lower Upper
 96 100
 61 177.3 134.3 249.3
 63 135.5 105.7 196.3





#13

Acetone

Concen: 30.409 ug/L

RT: 2.179 min Scan# 3

Delta R.T. 0.006 min

Lab File: VV027720.D

Acq: 02 Sep 2022 13:35

Instrument :

MSVOA_V

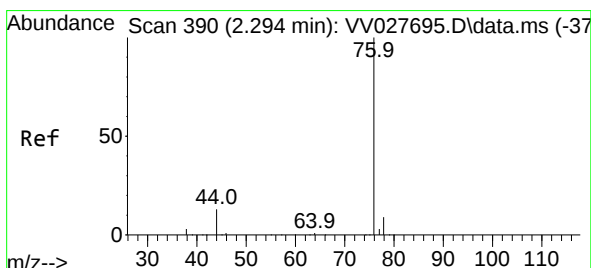
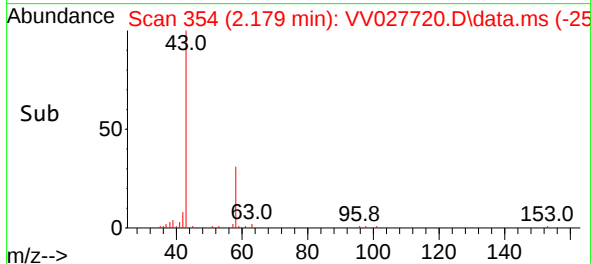
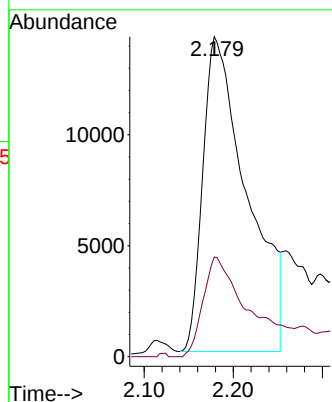
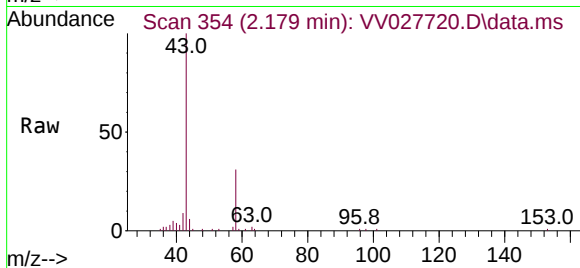
ClientSampleId :

Tgt Ion: 43 Resp: 48894

Ion Ratio Lower Upper

43 100

58 34.0 0.0 38.4



#14

Carbon disulfide

Concen: 5.173 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.003 min

Lab File: VV027720.D

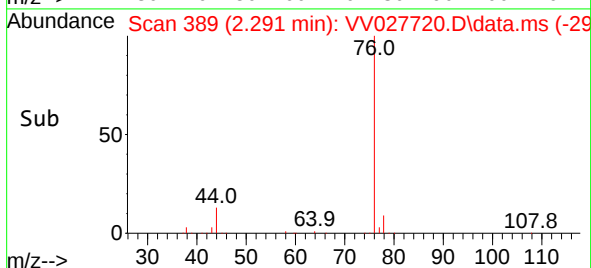
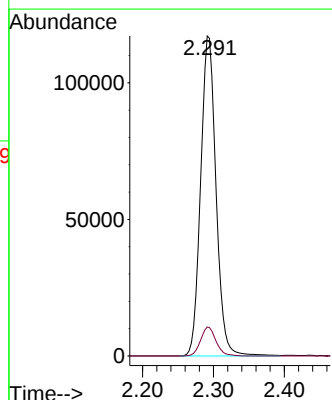
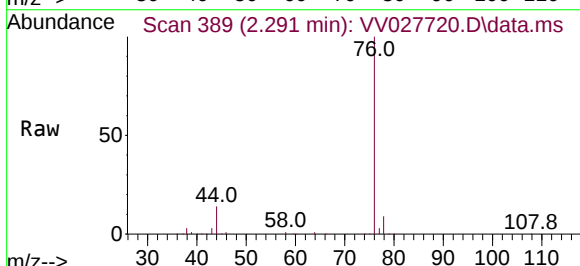
Acq: 02 Sep 2022 13:35

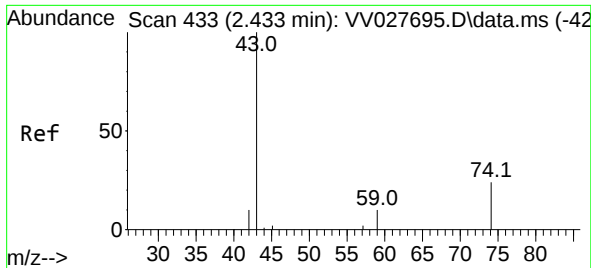
Tgt Ion: 76 Resp: 176496

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

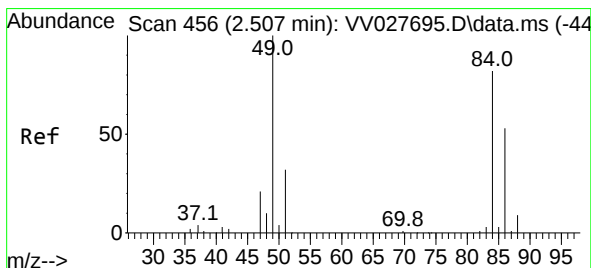
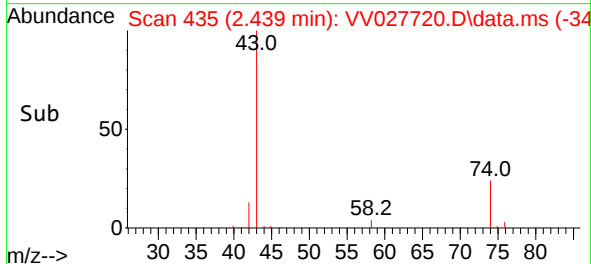
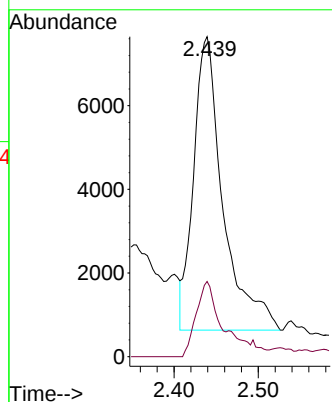
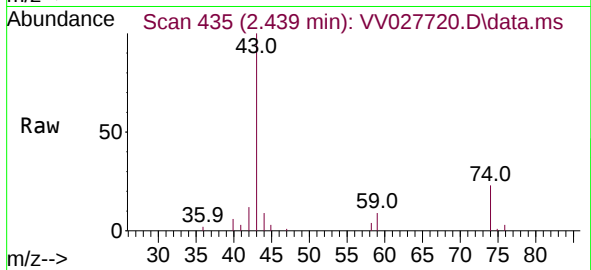




#15
Methyl Acetate
Concen: 3.998 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV027720.D
Acq: 02 Sep 2022 13:35

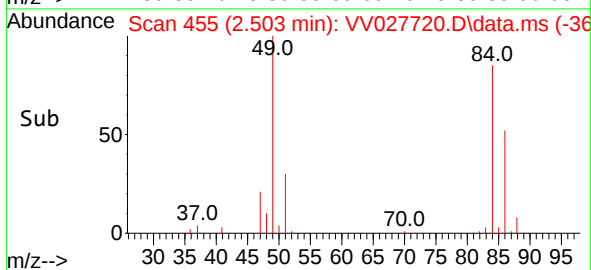
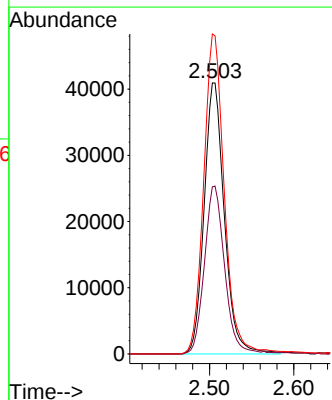
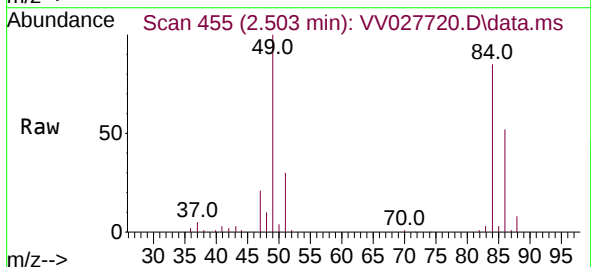
Instrument :
MSVOA_V
ClientSampleId :

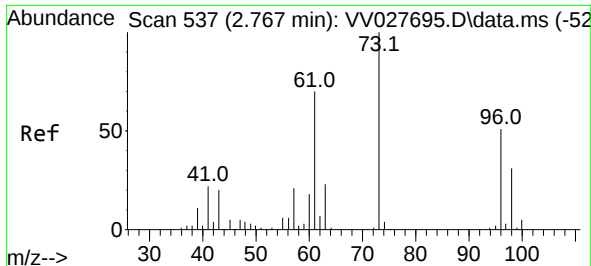
Tgt Ion: 43 Resp: 17052
Ion Ratio Lower Upper
43 100
74 24.2 18.2 27.4



#16
Methylene chloride
Concen: 5.030 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV027720.D
Acq: 02 Sep 2022 13:35

Tgt Ion: 84 Resp: 68525
Ion Ratio Lower Upper
84 100
86 61.7 43.9 81.5
49 118.1 92.5 171.7

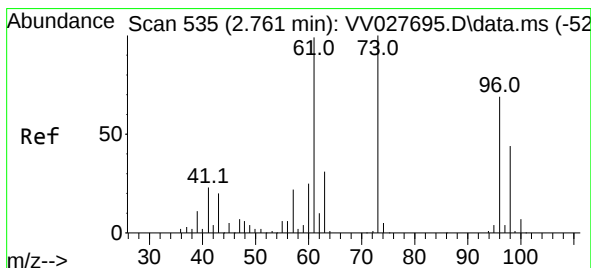
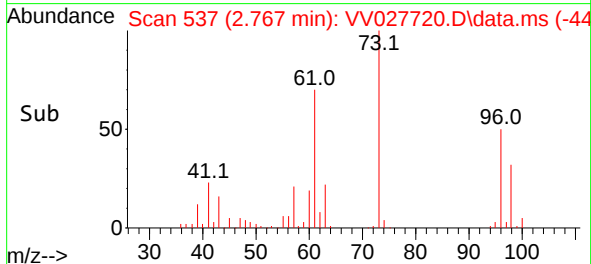
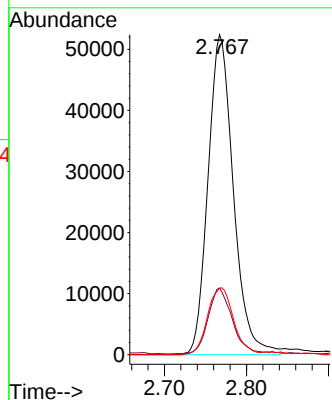
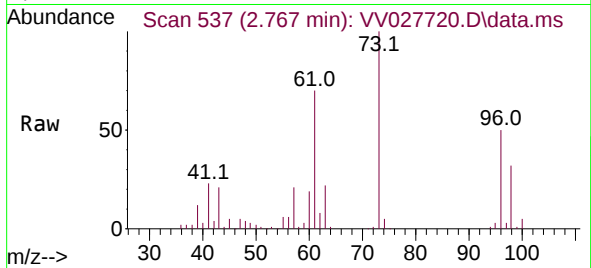




#17
Methyl tert-butyl Ether
Concen: 4.885 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV027720.D
Acq: 02 Sep 2022 13:35

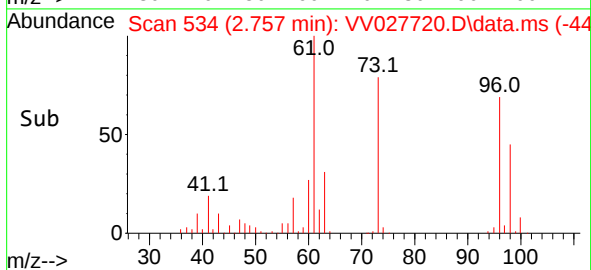
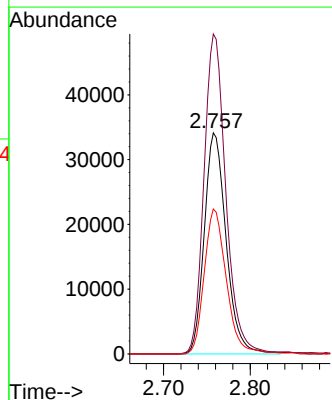
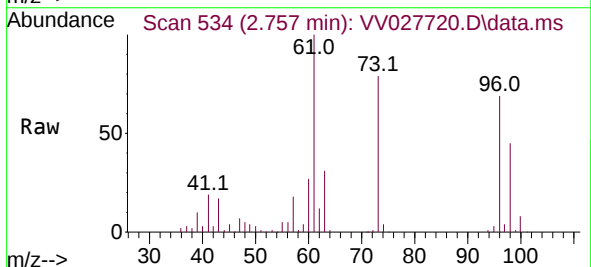
Instrument :
MSVOA_V
ClientSampleId :

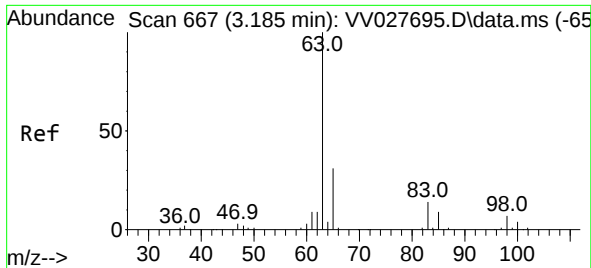
Tgt Ion: 73 Resp: 112692
Ion Ratio Lower Upper
73 100
43 19.4 16.5 24.7
57 21.4 18.2 27.2



#18
trans-1,2-Dichloroethene
Concen: 4.890 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV027720.D
Acq: 02 Sep 2022 13:35

Tgt Ion: 96 Resp: 59847
Ion Ratio Lower Upper
96 100
61 144.7 101.8 189.0
98 65.5 44.9 83.3





#19

1,1-Dichloroethane

Concen: 4.816 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV027720.D

Acq: 02 Sep 2022 13:35

Instrument :

MSVOA_V

ClientSampleId :

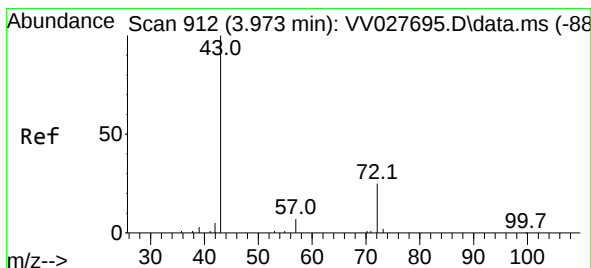
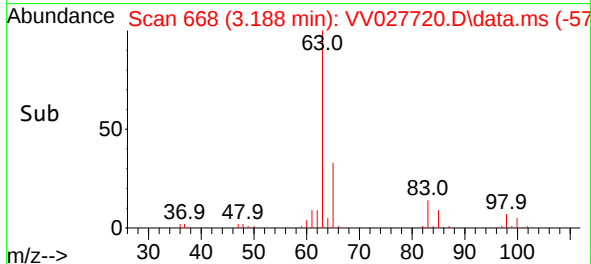
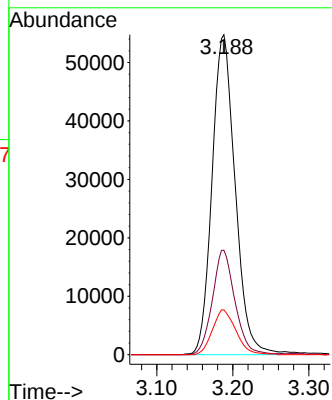
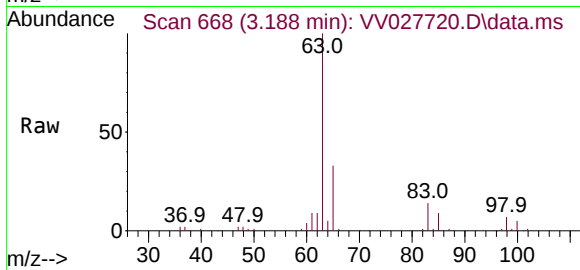
Tgt Ion: 63 Resp: 115402

Ion Ratio Lower Upper

63 100

65 32.7 22.7 42.1

83 14.0 9.7 18.1



#21

2-Butanone

Concen: 38.964 ug/L

RT: 3.979 min Scan# 914

Delta R.T. 0.006 min

Lab File: VV027720.D

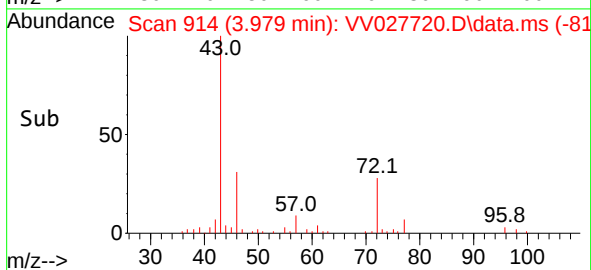
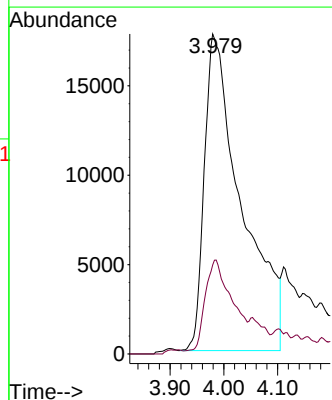
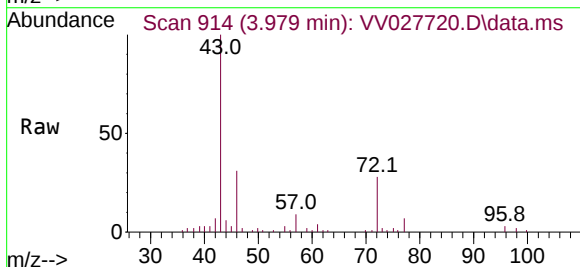
Acq: 02 Sep 2022 13:35

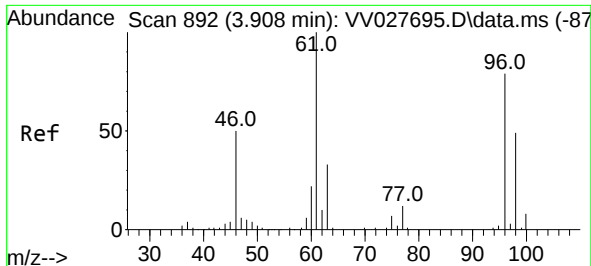
Tgt Ion: 43 Resp: 84967

Ion Ratio Lower Upper

43 100

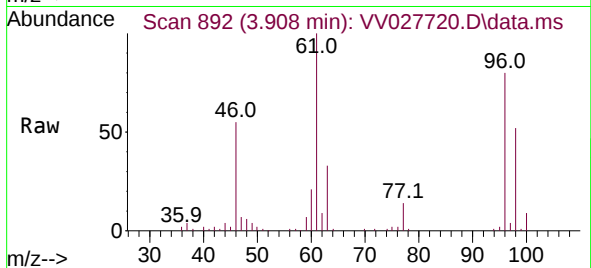
72 20.7 8.3 24.9





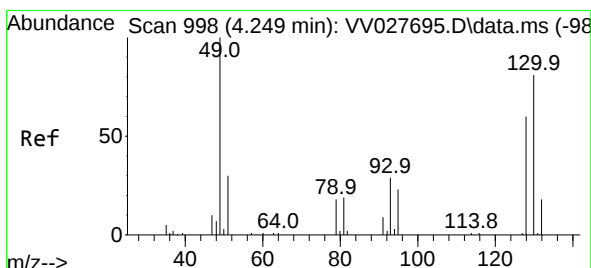
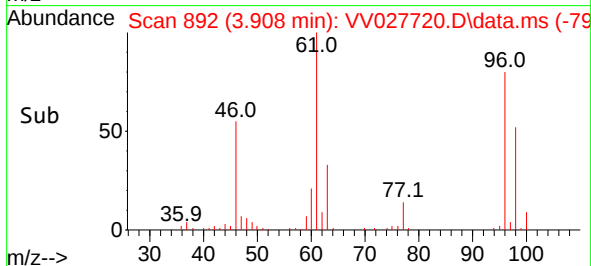
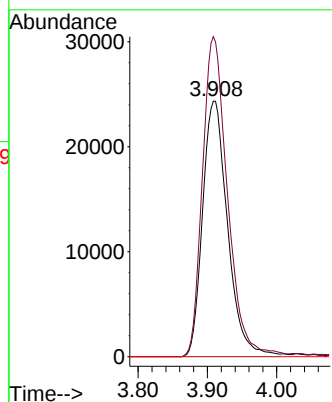
#22
 cis-1,2-Dichloroethene
 Concen: 4.990 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. 0.000 min
 Lab File: VV027720.D
 Acq: 02 Sep 2022 13:35

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 60958

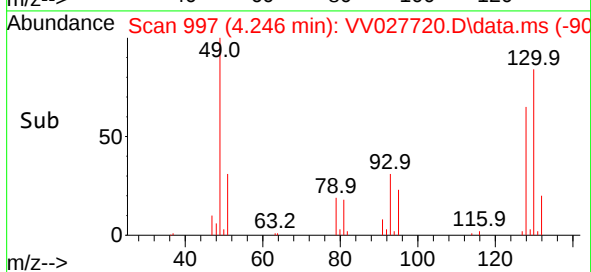
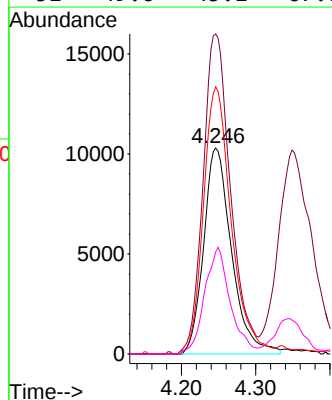
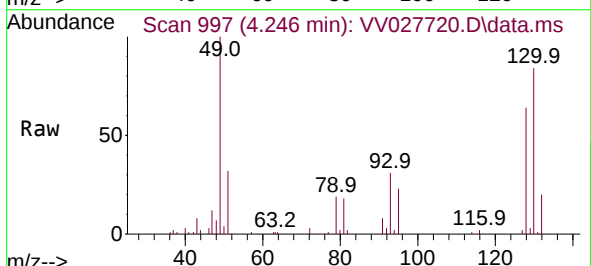
Ion	Ratio	Lower	Upper
96	100		
61	125.2	96.9	180.1
68	0.0	0.0	0.0

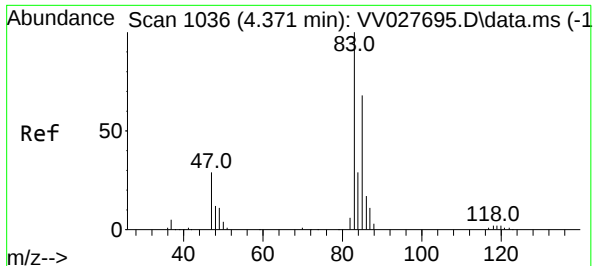


#23
 Bromochloromethane
 Concen: 4.963 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. -0.003 min
 Lab File: VV027720.D
 Acq: 02 Sep 2022 13:35

Tgt Ion: 128 Resp: 26856

Ion	Ratio	Lower	Upper
128	100		
49	155.3	120.1	223.1
130	129.7	89.0	165.4
51	49.6	45.1	67.7





#25

Chloroform

Concen: 4.879 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV027720.D

Acq: 02 Sep 2022 13:35

Instrument :

MSVOA_V

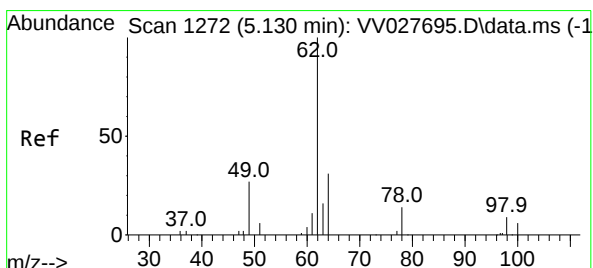
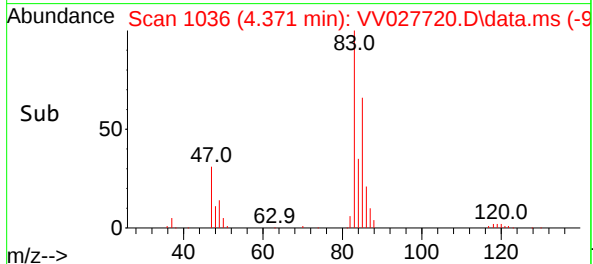
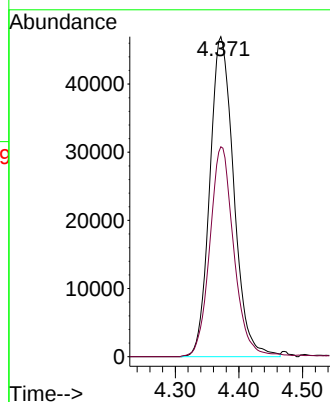
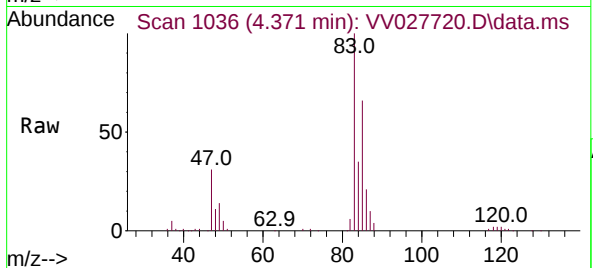
ClientSampleId :

Tgt Ion: 83 Resp: 122755

Ion Ratio Lower Upper

83 100

85 65.6 44.7 83.1



#27

1,2-Dichloroethane

Concen: 5.040 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VV027720.D

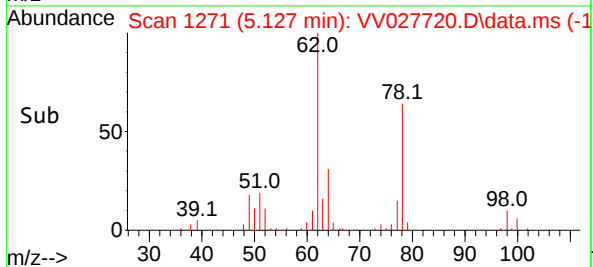
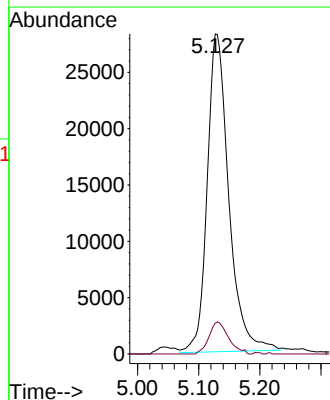
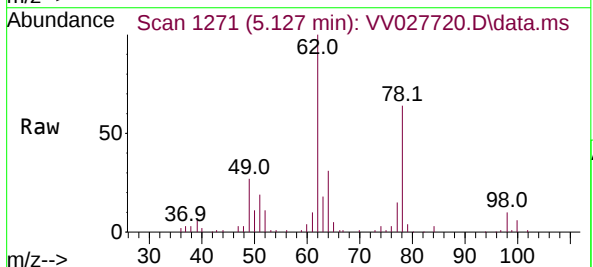
Acq: 02 Sep 2022 13:35

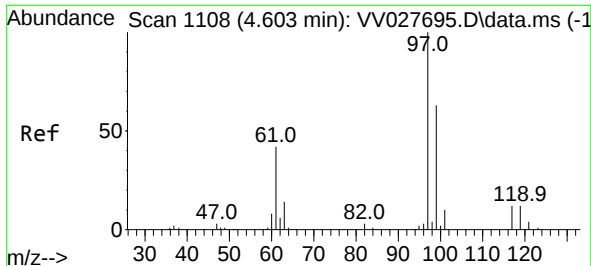
Tgt Ion: 62 Resp: 69238

Ion Ratio Lower Upper

62 100

98 9.6 7.0 10.6





#29

1,1,1-Trichloroethane

Concen: 5.137 ug/L

RT: 4.606 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV027720.D

Acq: 02 Sep 2022 13:35

Instrument :

MSVOA_V

ClientSampleId :

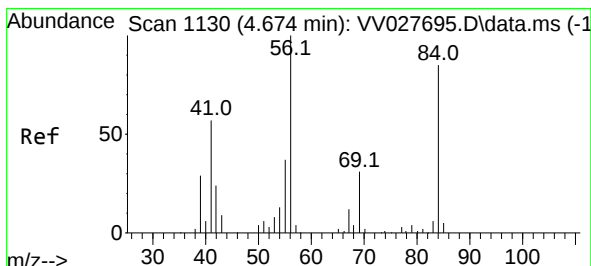
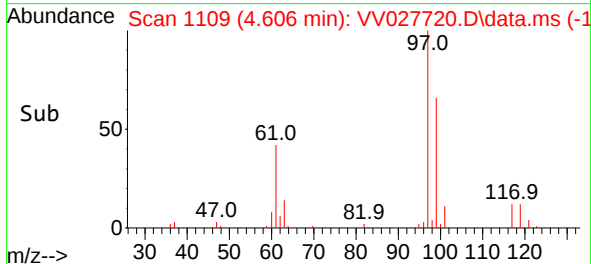
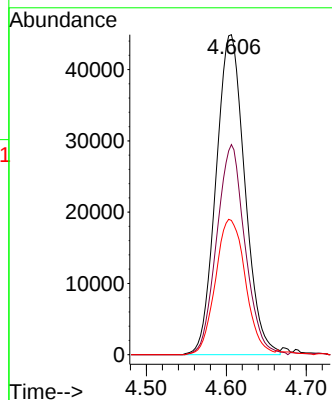
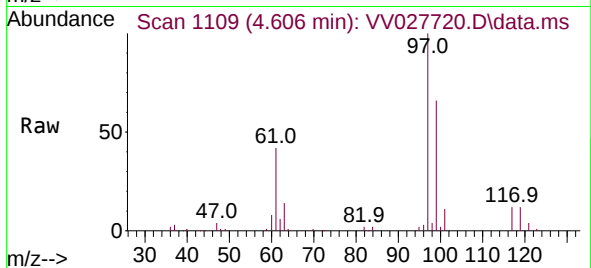
Tgt Ion: 97 Resp: 112388

Ion Ratio Lower Upper

97 100

99 64.5 50.6 75.8

61 43.9 36.1 54.1



#30

Cyclohexane

Concen: 4.796 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VV027720.D

Acq: 02 Sep 2022 13:35

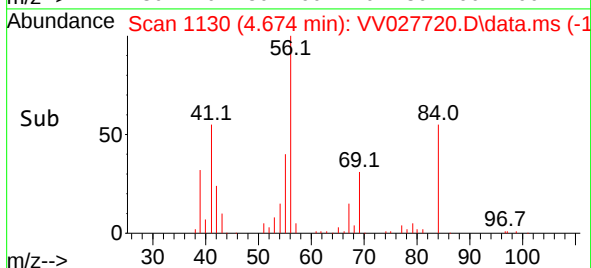
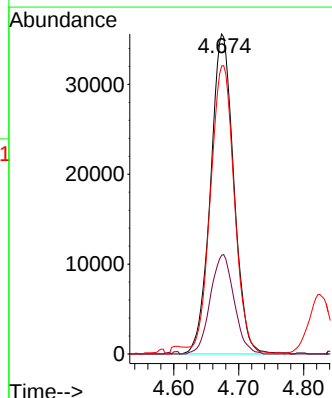
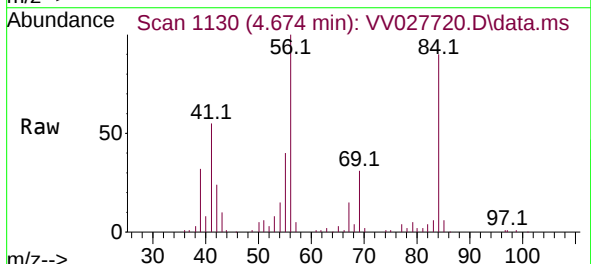
Tgt Ion: 56 Resp: 88502

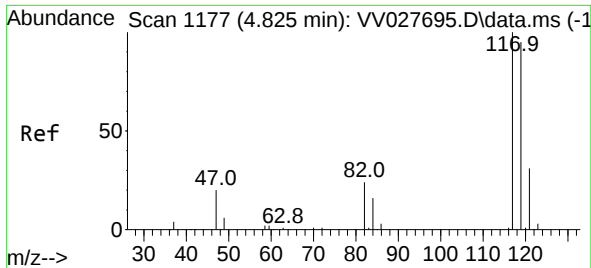
Ion Ratio Lower Upper

56 100

69 31.7 24.1 36.1

84 91.8 66.9 100.3

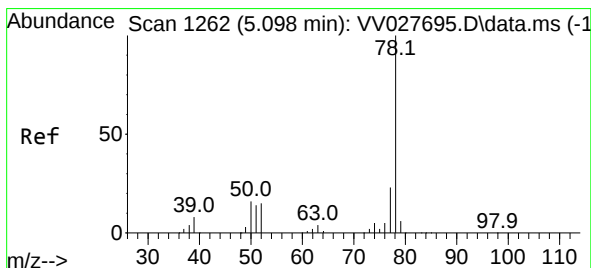
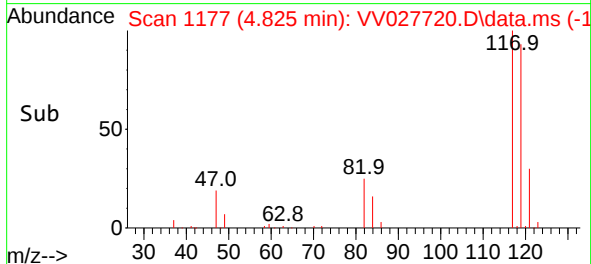
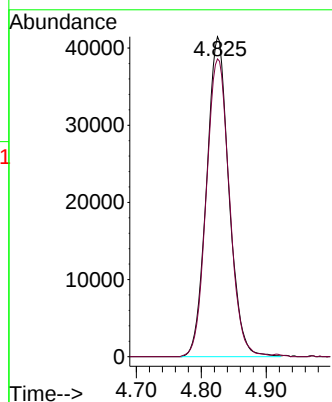
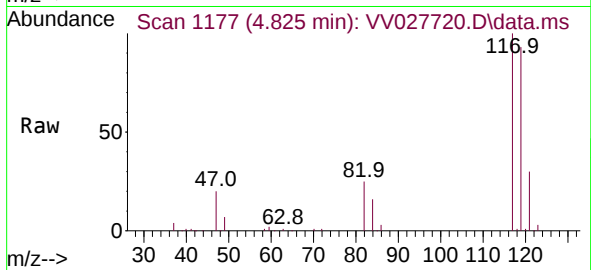




#31
Carbon tetrachloride
Concen: 5.295 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV027720.D
Acq: 02 Sep 2022 13:35

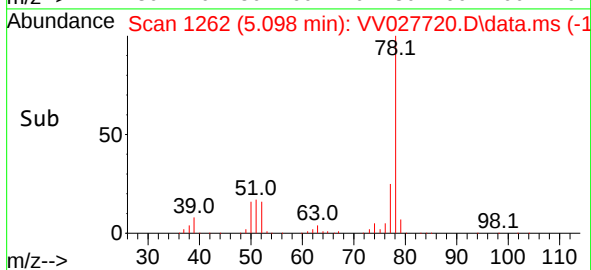
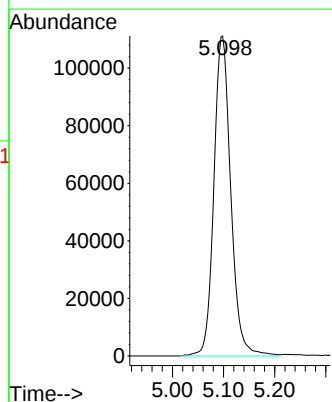
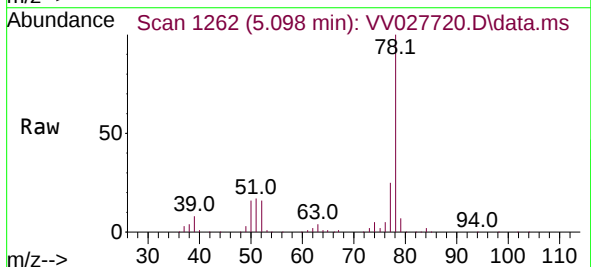
Instrument :
MSVOA_V
ClientSampleId :

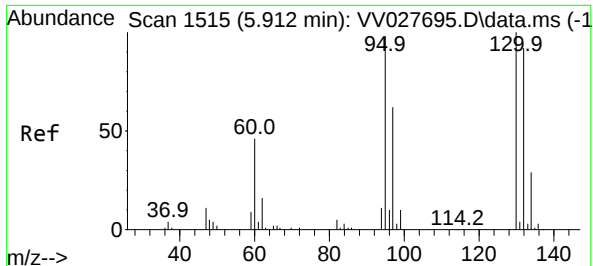
Tgt Ion:117 Resp: 99122
Ion Ratio Lower Upper
117 100
119 96.0 76.8 115.2



#33
Benzene
Concen: 5.170 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VV027720.D
Acq: 02 Sep 2022 13:35

Tgt Ion: 78 Resp: 255148

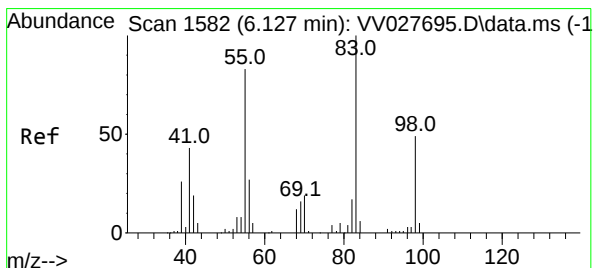
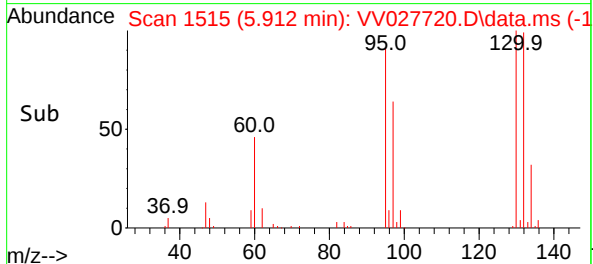
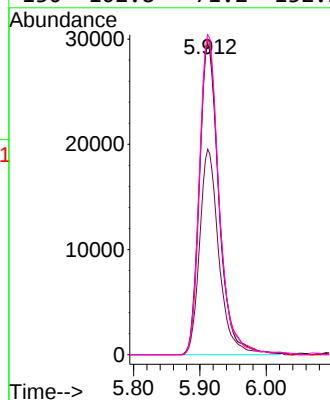
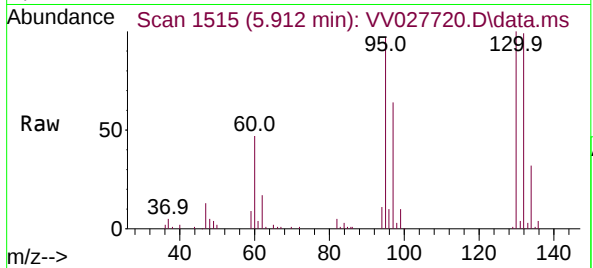




#34
Trichloroethene
Concen: 5.018 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV027720.D
Acq: 02 Sep 2022 13:35

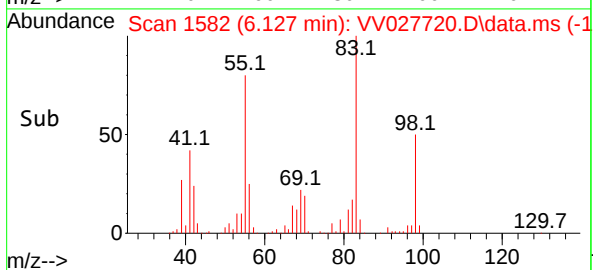
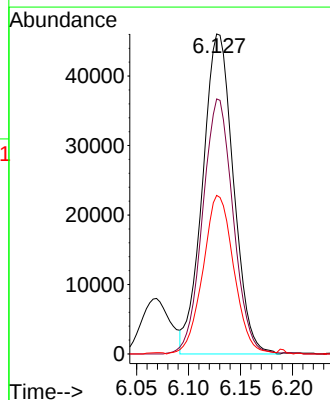
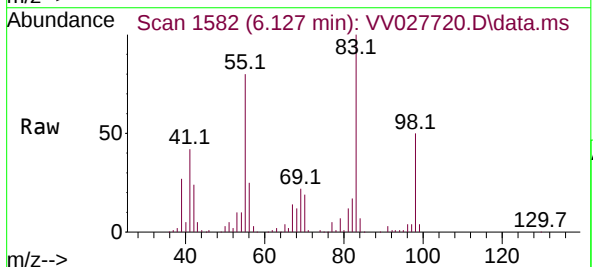
Instrument :
MSVOA_V
ClientSampleId :

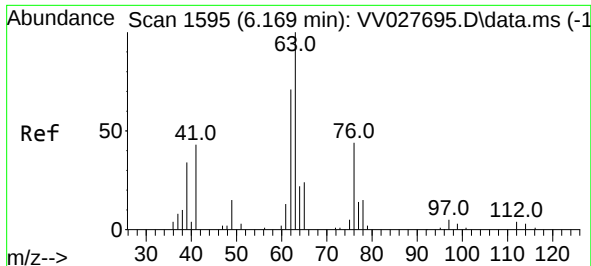
Tgt Ion: 95 Resp: 60867
Ion Ratio Lower Upper
95 100
97 66.0 46.1 85.5
132 101.4 67.3 125.1
130 102.8 71.2 132.2



#35
Methylcyclohexane
Concen: 5.056 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV027720.D
Acq: 02 Sep 2022 13:35

Tgt Ion: 83 Resp: 95175
Ion Ratio Lower Upper
83 100
55 78.9 66.0 99.0
98 49.5 36.9 55.3

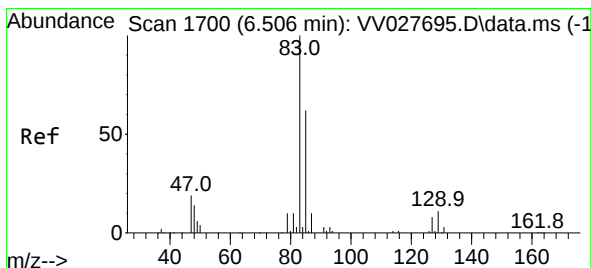
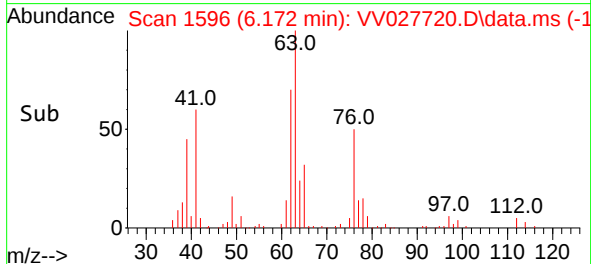
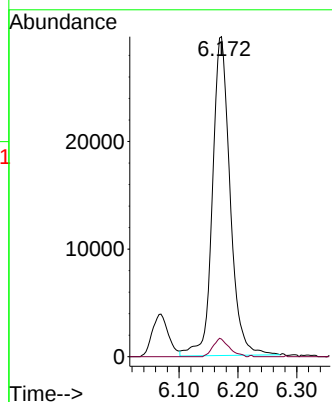
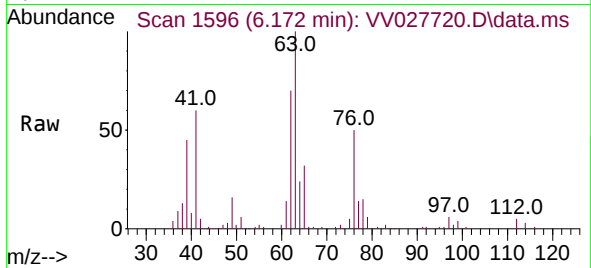




#37
1,2-Dichloropropane
Concen: 4.962 ug/L
RT: 6.172 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV027720.D
Acq: 02 Sep 2022 13:35

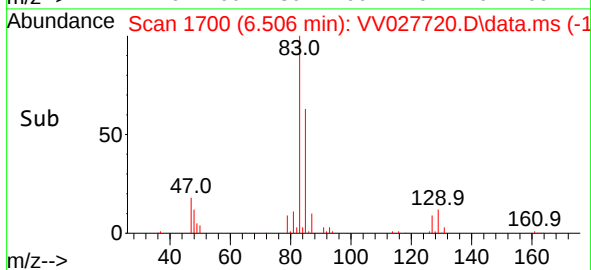
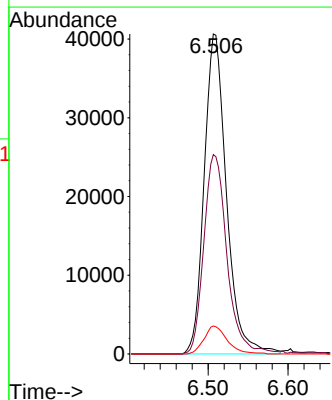
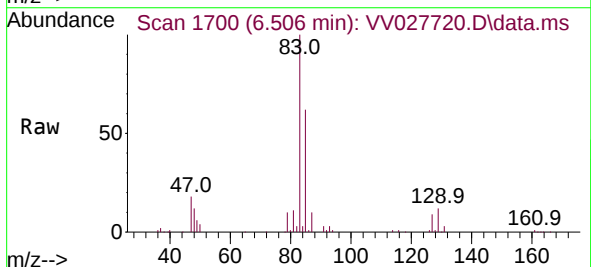
Instrument :
MSVOA_V
ClientSampleId :

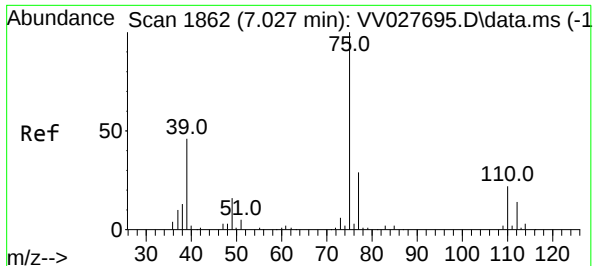
Tgt Ion: 63 Resp: 61833
Ion Ratio Lower Upper
63 100
112 5.2 2.9 4.3#



#38
Bromodichloromethane
Concen: 5.001 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VV027720.D
Acq: 02 Sep 2022 13:35

Tgt Ion: 83 Resp: 78813
Ion Ratio Lower Upper
83 100
85 62.3 45.2 84.0
127 8.8 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 4.964 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VV027720.D

Acq: 02 Sep 2022 13:35

Instrument :

MSVOA_V

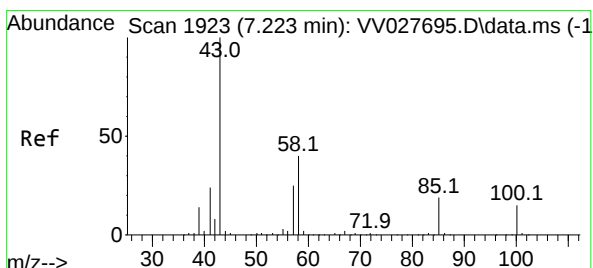
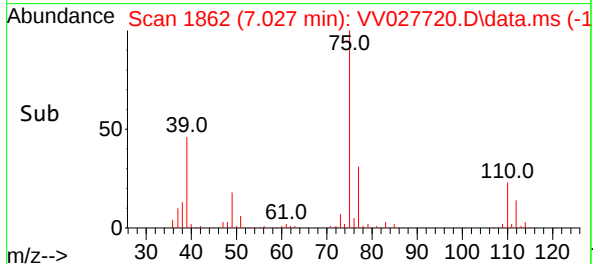
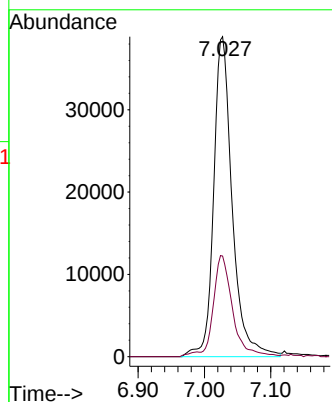
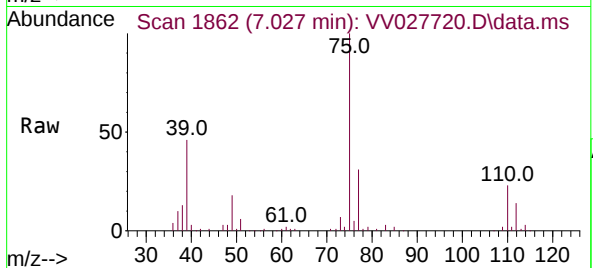
ClientSampleId :

Tgt Ion: 75 Resp: 75512

Ion Ratio Lower Upper

75 100

77 31.4 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 48.794 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV027720.D

Acq: 02 Sep 2022 13:35

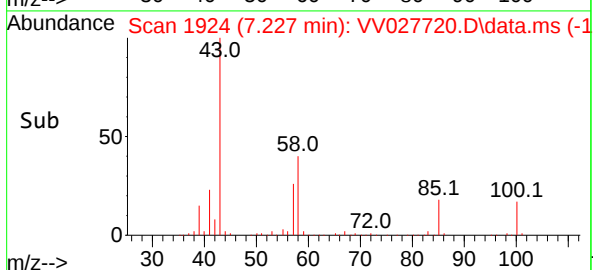
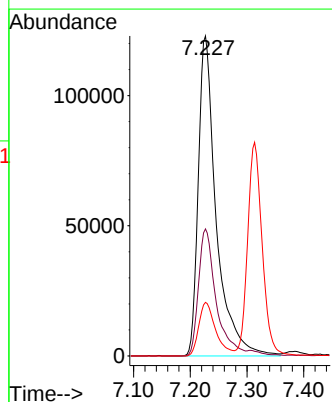
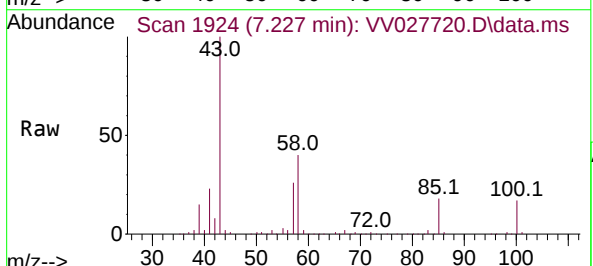
Tgt Ion: 43 Resp: 270226

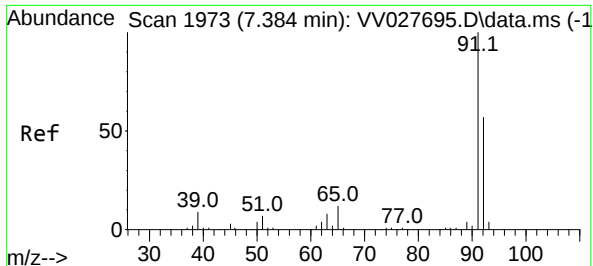
Ion Ratio Lower Upper

43 100

58 38.7 31.4 47.0

100 15.9 10.5 15.7#





#42

Toluene

Concen: 5.508 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV027720.D

Acq: 02 Sep 2022 13:35

Instrument :

MSVOA_V

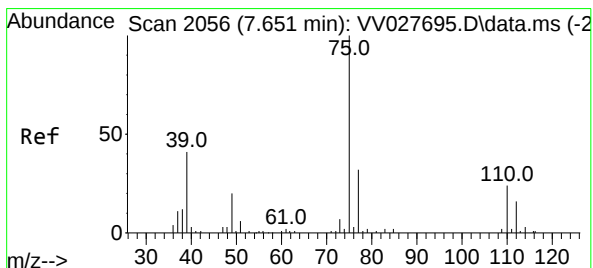
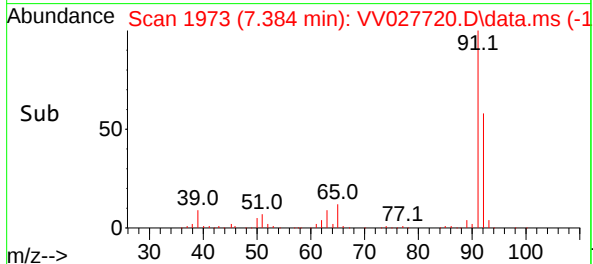
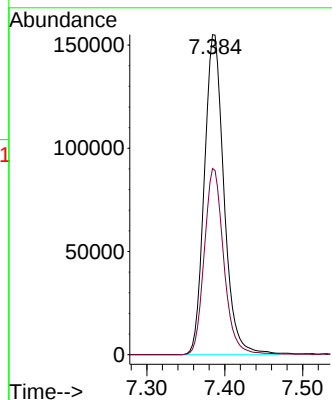
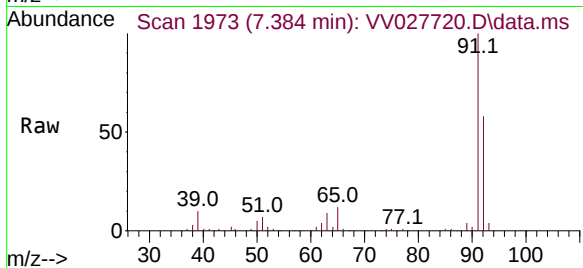
ClientSampleId :

Tgt Ion: 91 Resp: 271427

Ion Ratio Lower Upper

91 100

92 58.2 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.252 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV027720.D

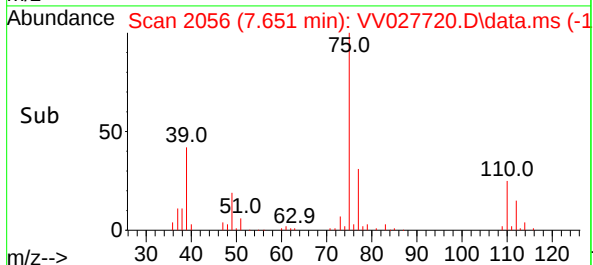
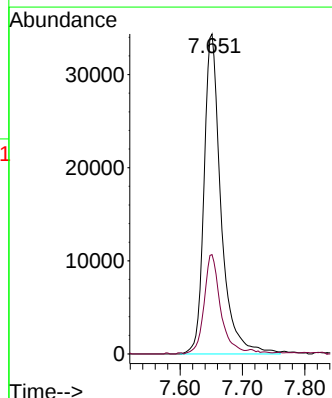
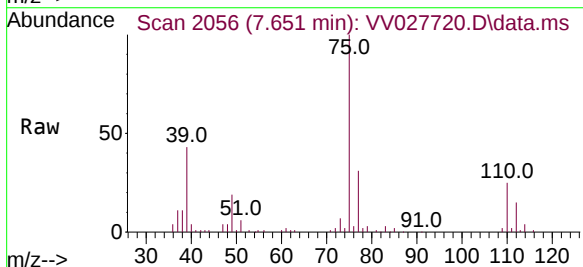
Acq: 02 Sep 2022 13:35

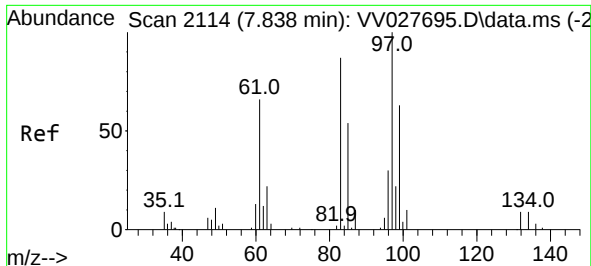
Tgt Ion: 75 Resp: 65120

Ion Ratio Lower Upper

75 100

77 31.1 22.0 41.0

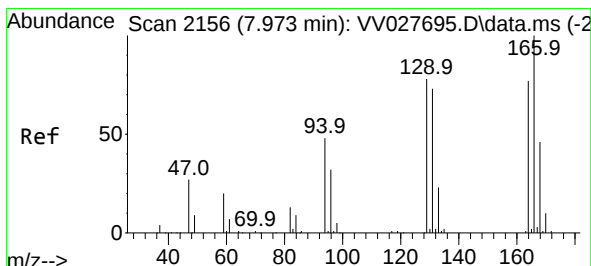
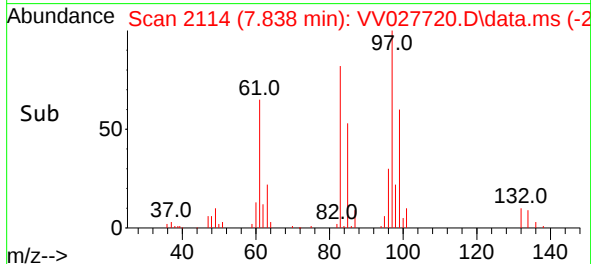
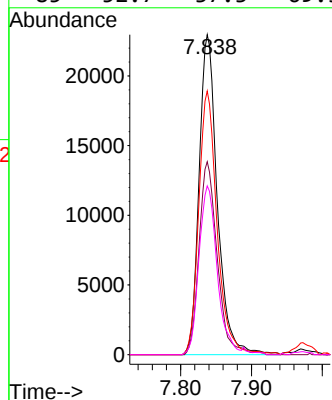
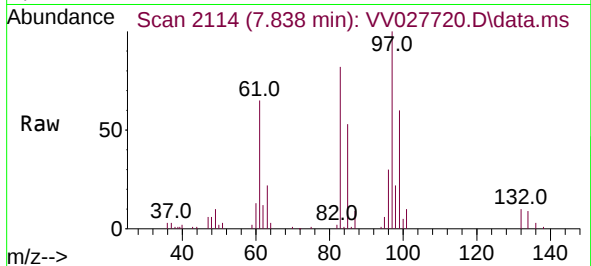




#45
1,1,2-Trichloroethane
Concen: 5.110 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV027720.D
Acq: 02 Sep 2022 13:35

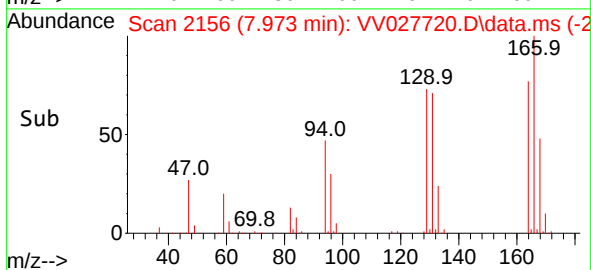
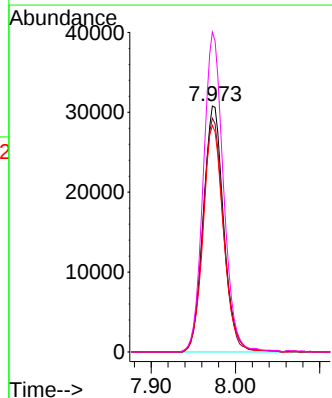
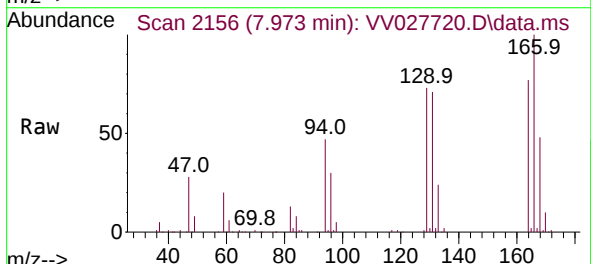
Instrument :
MSVOA_V
ClientSampleId :

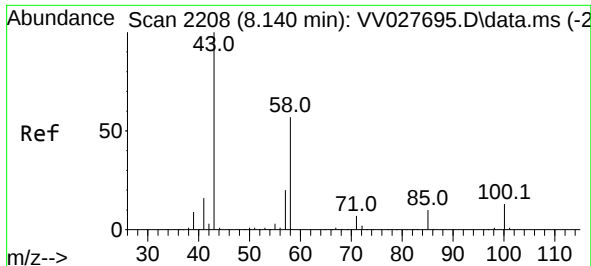
Tgt Ion:	97	Resp:	41069
Ion	Ratio	Lower	Upper
97	100		
99	60.3	41.3	76.7
83	82.4	57.5	106.9
85	52.7	37.3	69.3



#47
Tetrachloroethene
Concen: 5.298 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV027720.D
Acq: 02 Sep 2022 13:35

Tgt Ion:	164	Resp:	52110
Ion	Ratio	Lower	Upper
164	100		
129	95.0	65.9	122.3
131	92.1	64.5	119.7
166	130.1	88.8	165.0

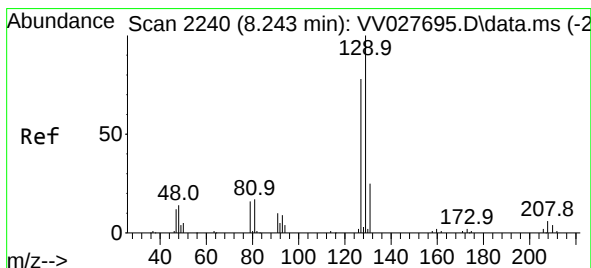
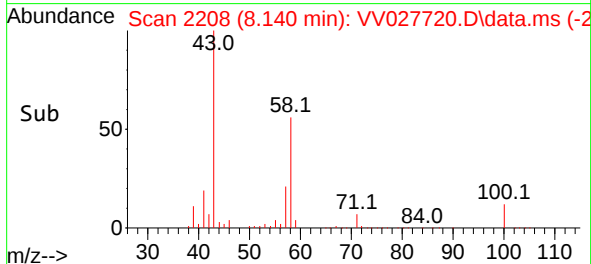
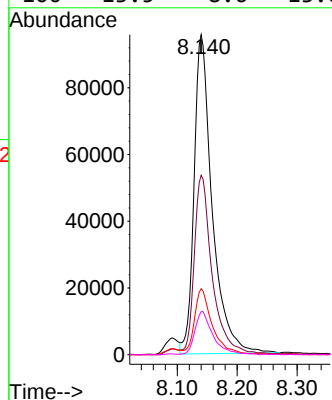
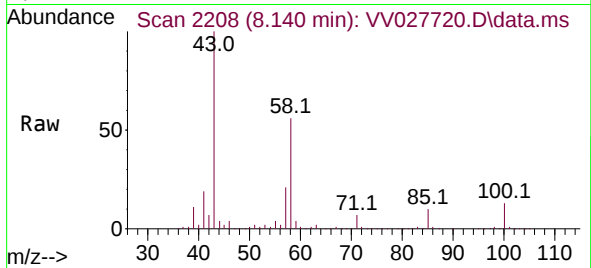




#48
2-Hexanone
Concen: 48.545 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027720.D
Acq: 02 Sep 2022 13:35

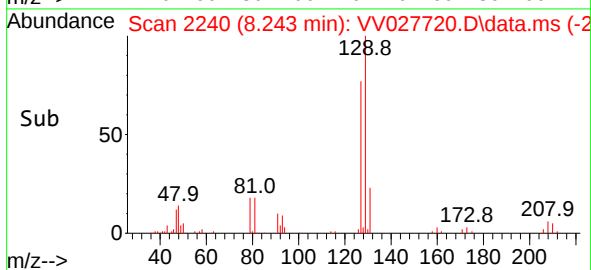
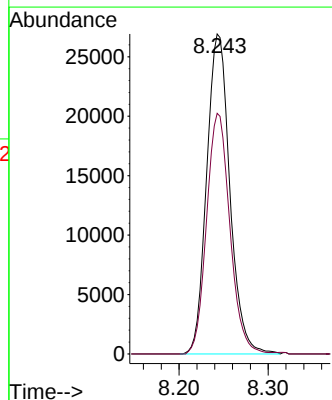
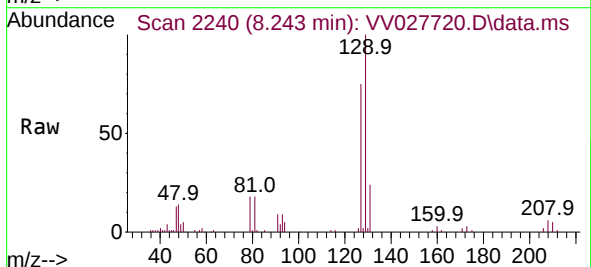
Instrument :
MSVOA_V
ClientSampleId :

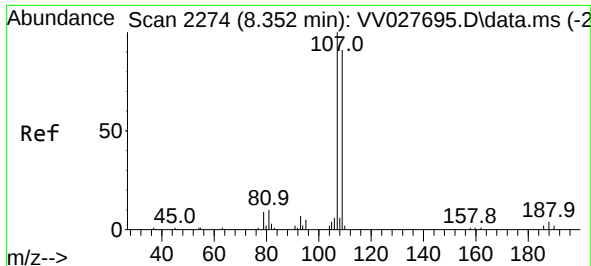
Tgt Ion: 43 Resp: 201759
Ion Ratio Lower Upper
43 100
58 55.1 42.1 63.1
57 19.7 14.5 21.7
100 13.5 8.6 13.0#



#49
Dibromochloromethane
Concen: 5.106 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV027720.D
Acq: 02 Sep 2022 13:35

Tgt Ion:129 Resp: 48627
Ion Ratio Lower Upper
129 100
127 75.2 52.4 97.4





#50

1,2-Dibromoethane

Concen: 4.953 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV027720.D

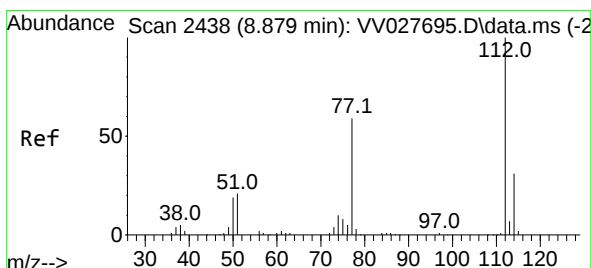
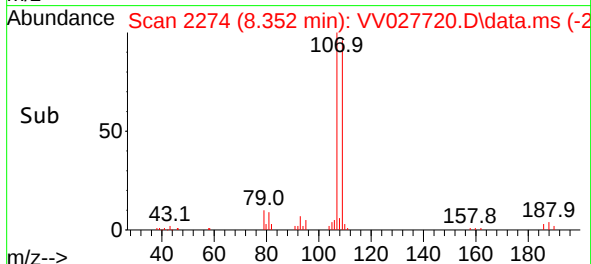
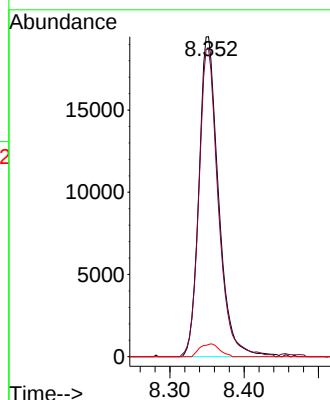
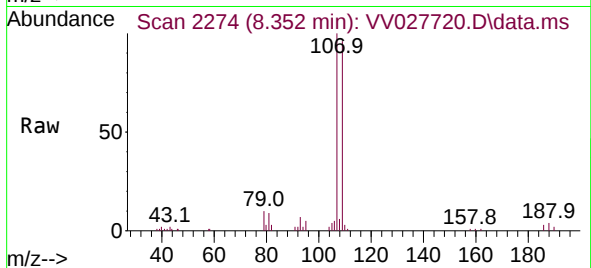
Acq: 02 Sep 2022 13:35

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	35659
Ion	Ratio	Lower Upper
107	100	
109	96.1	66.2 123.0
188	3.8	2.6 3.8



#51

Chlorobenzene

Concen: 5.364 ug/L

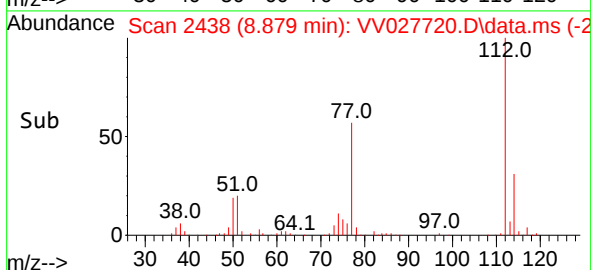
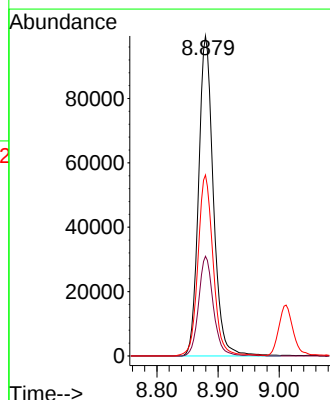
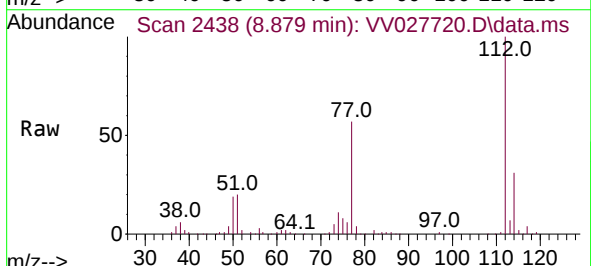
RT: 8.879 min Scan# 2438

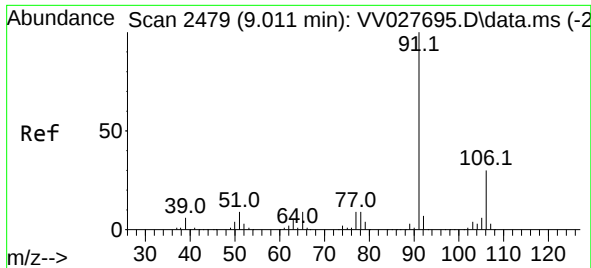
Delta R.T. 0.000 min

Lab File: VV027720.D

Acq: 02 Sep 2022 13:35

Tgt Ion:112	Resp:	166654
Ion	Ratio	Lower Upper
112	100	
114	31.2	22.3 41.3
77	56.5	48.5 72.7

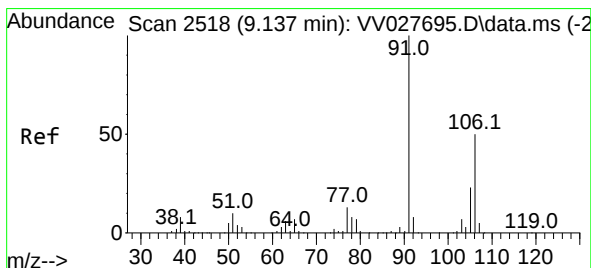
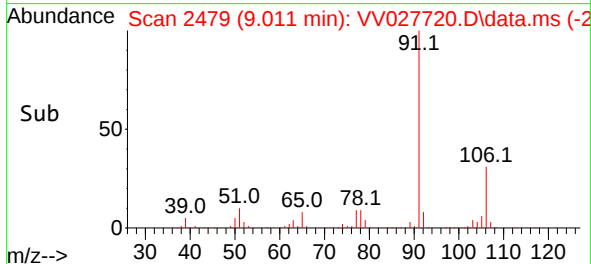
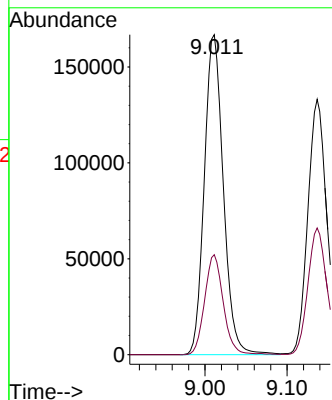
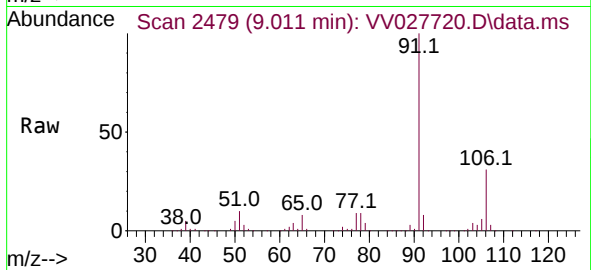




#52
Ethylbenzene
Concen: 5.381 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV027720.D
Acq: 02 Sep 2022 13:35

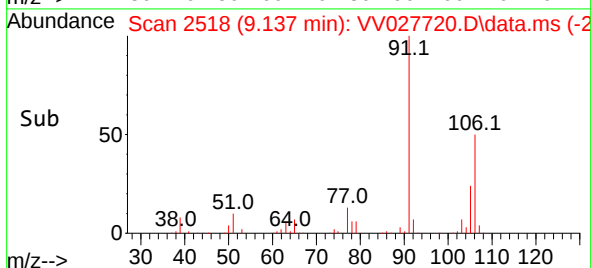
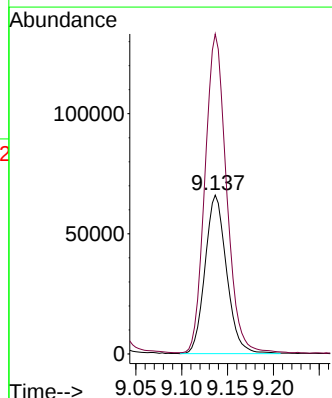
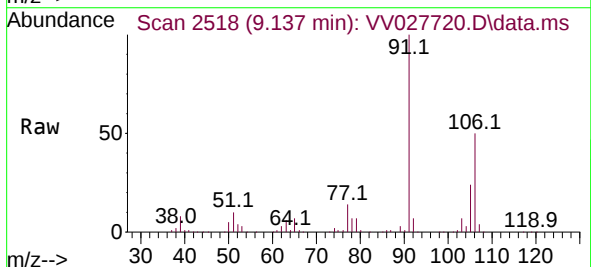
Instrument :
MSVOA_V
ClientSampleId :

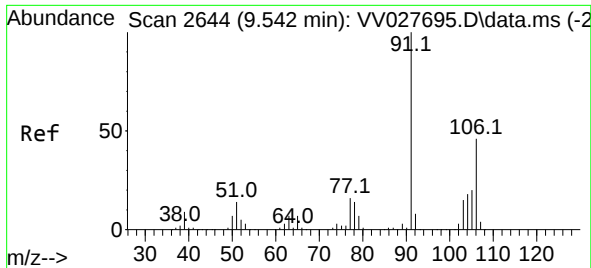
Tgt Ion: 91 Resp: 268621
Ion Ratio Lower Upper
91 100
106 31.3 21.9 40.7



#53
m,p-Xylene
Concen: 5.612 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV027720.D
Acq: 02 Sep 2022 13:35

Tgt Ion: 106 Resp: 107700
Ion Ratio Lower Upper
106 100
91 201.5 147.3 273.5

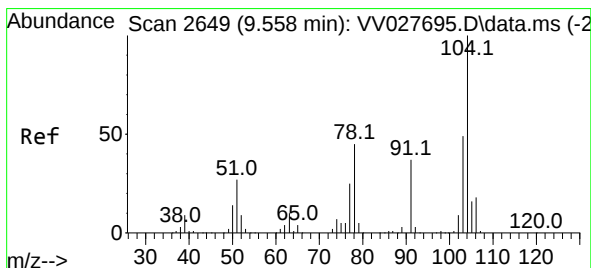
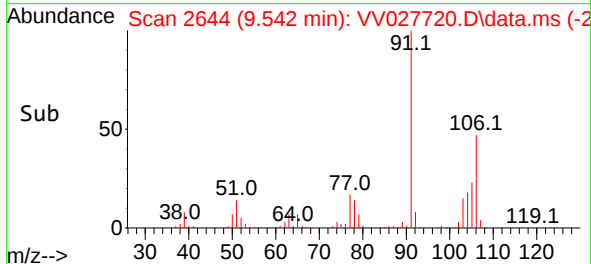
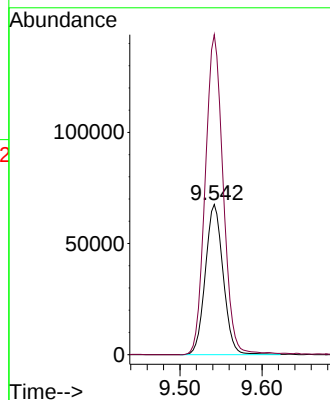
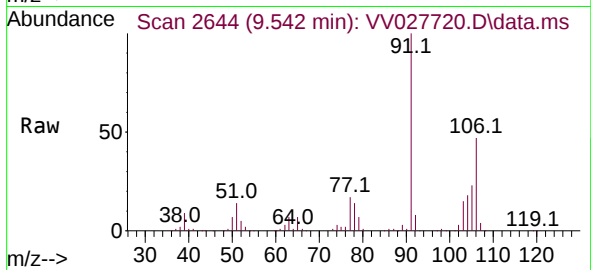




#54
o-Xylene
Concen: 5.581 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027720.D
Acq: 02 Sep 2022 13:35

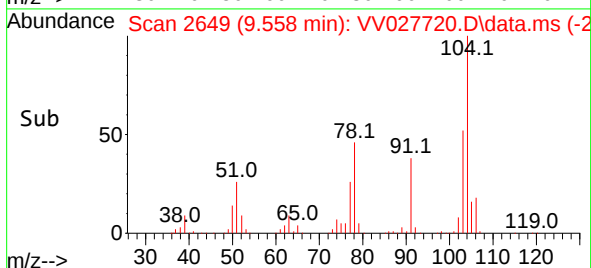
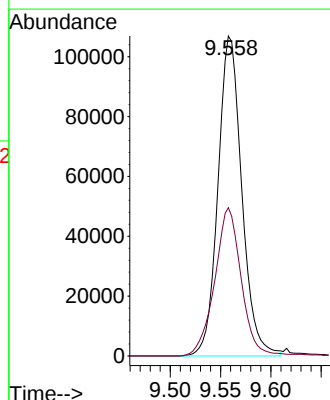
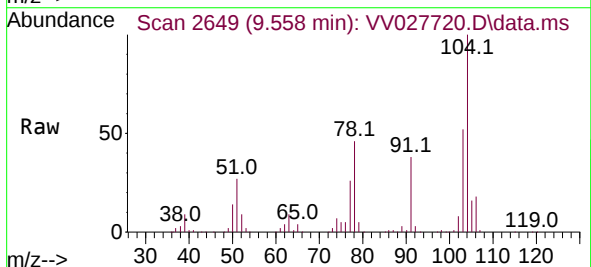
Instrument :
MSVOA_V
ClientSampleId :

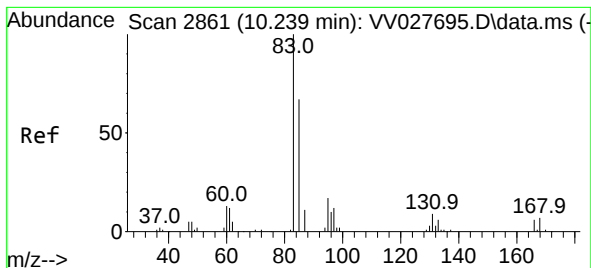
Tgt Ion:106 Resp: 102218
Ion Ratio Lower Upper
106 100
91 213.0 152.9 284.1



#55
Styrene
Concen: 5.636 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV027720.D
Acq: 02 Sep 2022 13:35

Tgt Ion:104 Resp: 176276
Ion Ratio Lower Upper
104 100
78 46.3 31.1 57.7

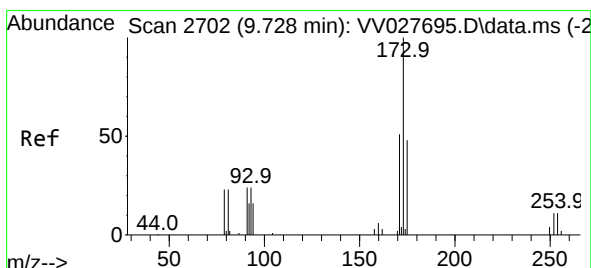
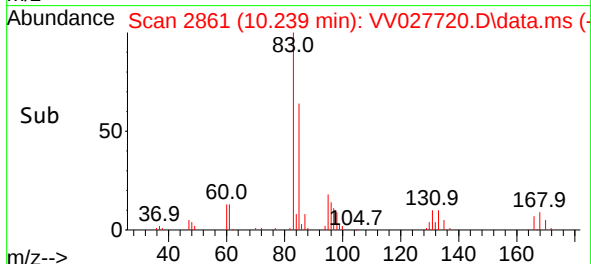
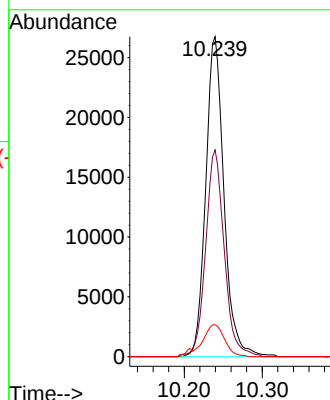
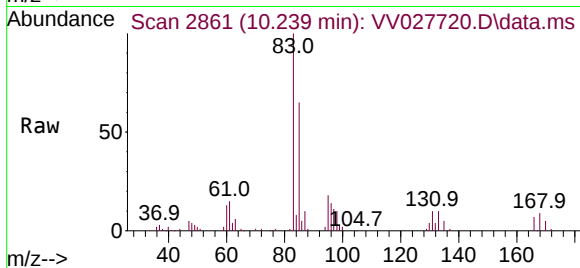




#57
1,1,2,2-Tetrachloroethane
Concen: 4.895 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV027720.D
Acq: 02 Sep 2022 13:35

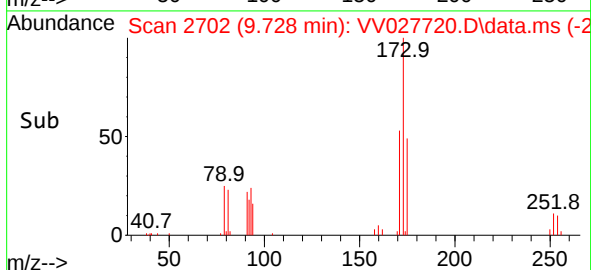
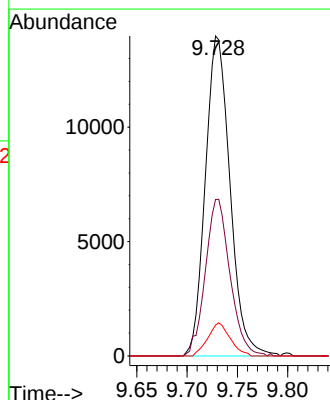
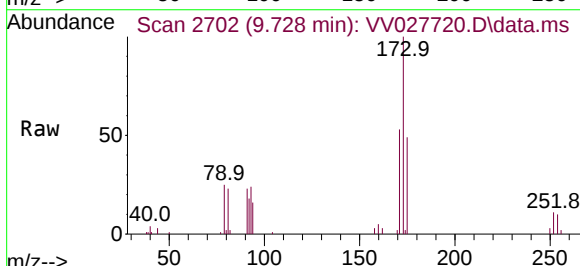
Instrument :
MSVOA_V
ClientSampleId :

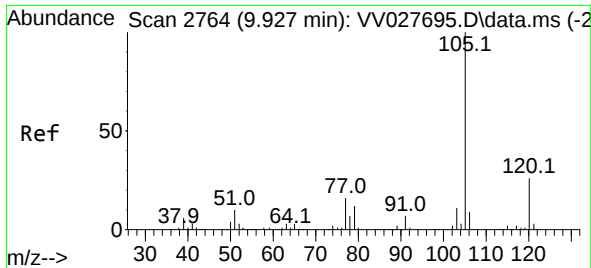
Tgt Ion: 83 Resp: 43501
Ion Ratio Lower Upper
83 100
85 64.6 45.6 84.8
131 10.0 8.0 12.0



#59
Bromoform
Concen: 4.913 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.000 min
Lab File: VV027720.D
Acq: 02 Sep 2022 13:35

Tgt Ion: 173 Resp: 23848
Ion Ratio Lower Upper
173 100
175 48.9 39.0 58.4
254 9.4 7.0 10.4

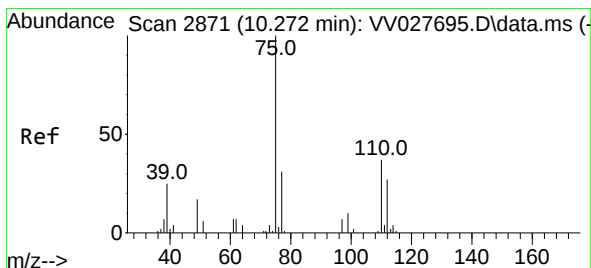
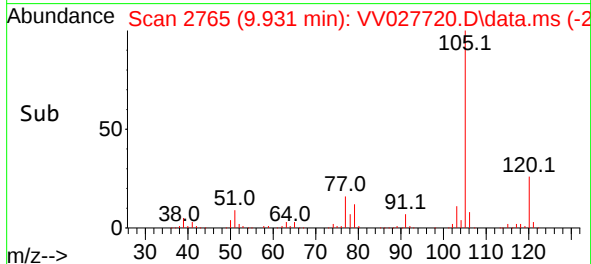
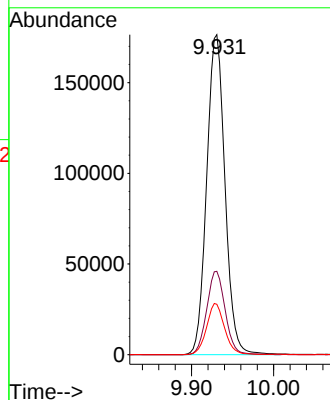
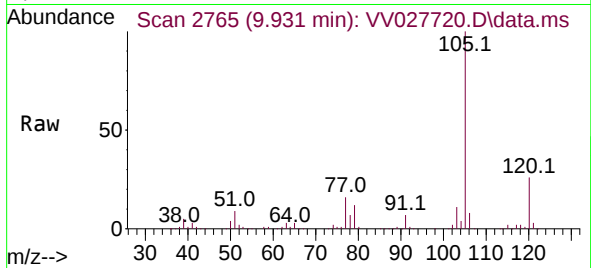




#60
Isopropylbenzene
Concen: 5.292 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027720.D
Acq: 02 Sep 2022 13:35

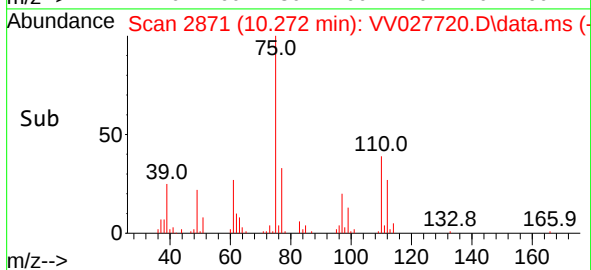
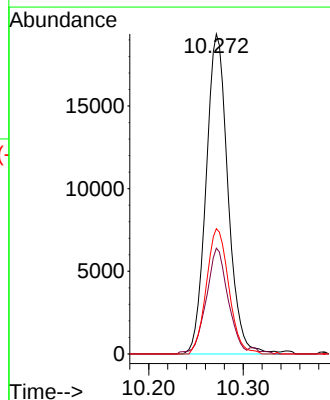
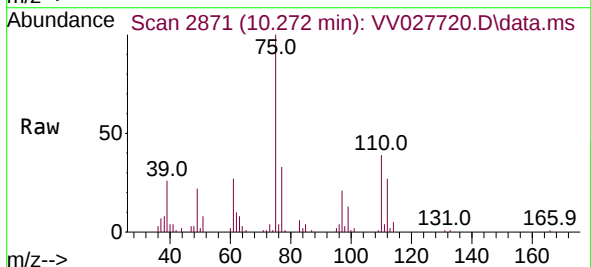
Instrument :
MSVOA_V
ClientSampleId :

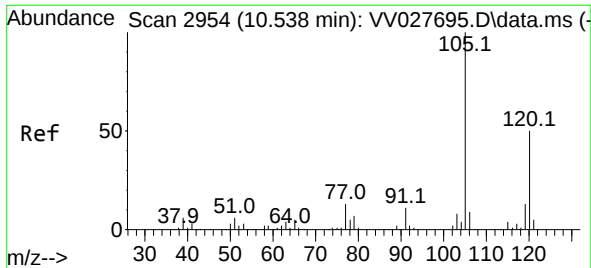
Tgt Ion:105 Resp: 273685
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.4
77 15.8 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 4.499 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027720.D
Acq: 02 Sep 2022 13:35

Tgt Ion: 75 Resp: 31109
Ion Ratio Lower Upper
75 100
77 32.8 25.8 38.6
110 40.1 29.8 44.8

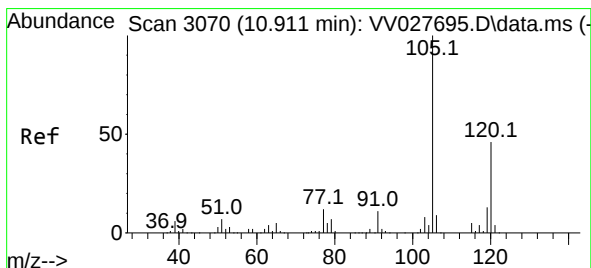
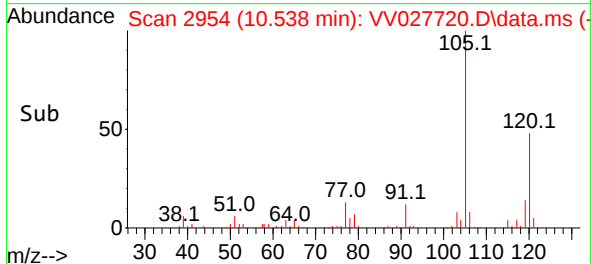
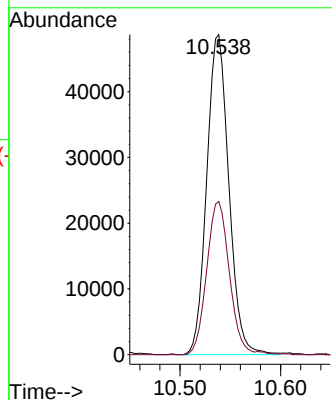
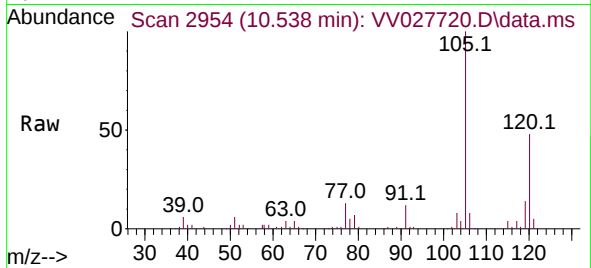




#62
1,3,5-Trimethylbenzene
Concen: 5.276 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV027720.D
Acq: 02 Sep 2022 13:35

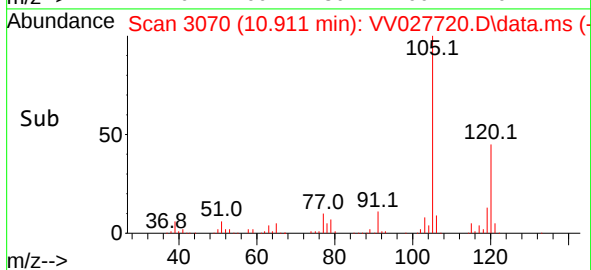
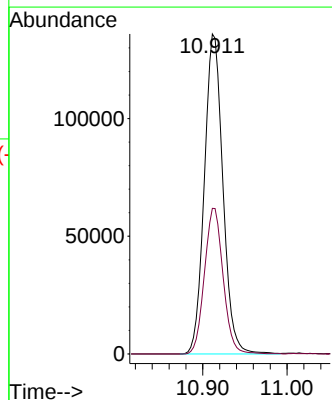
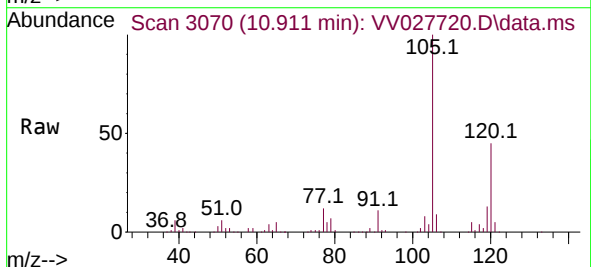
Instrument :
MSVOA_V
ClientSampleId :

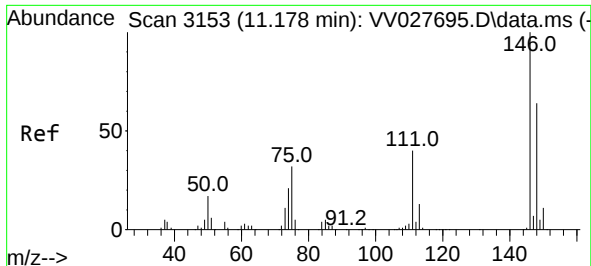
Tgt Ion:105 Resp: 74451
Ion Ratio Lower Upper
105 100
120 49.2 40.4 60.6



#63
1,2,4-Trimethylbenzene
Concen: 5.143 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. 0.000 min
Lab File: VV027720.D
Acq: 02 Sep 2022 13:35

Tgt Ion:105 Resp: 208679
Ion Ratio Lower Upper
105 100
120 45.7 36.1 54.1

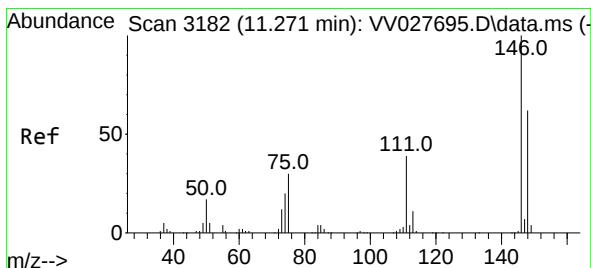
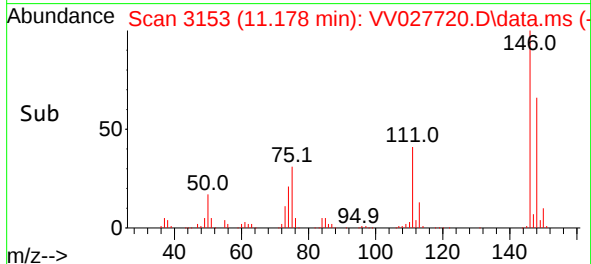
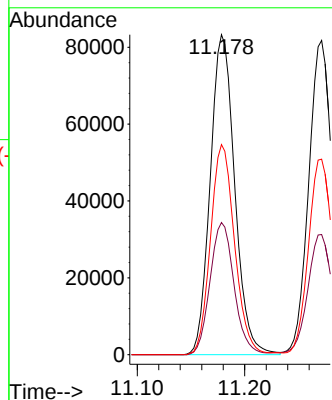
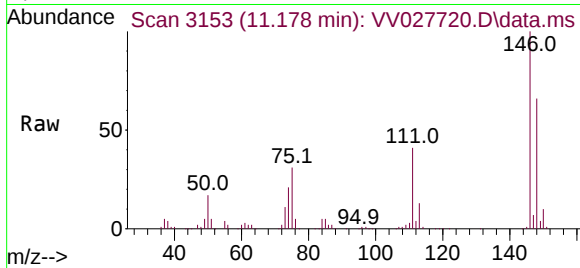




#64
 1,3-Dichlorobenzene
 Concen: 5.273 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. 0.000 min
 Lab File: VV027720.D
 Acq: 02 Sep 2022 13:35

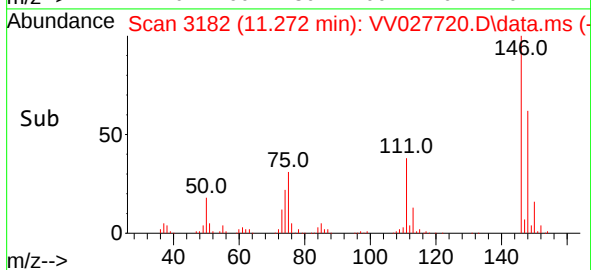
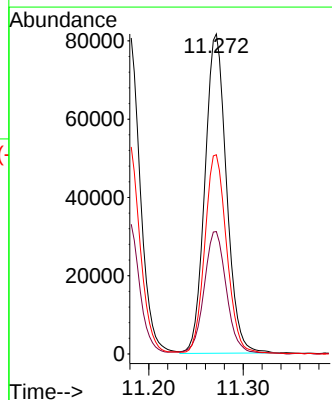
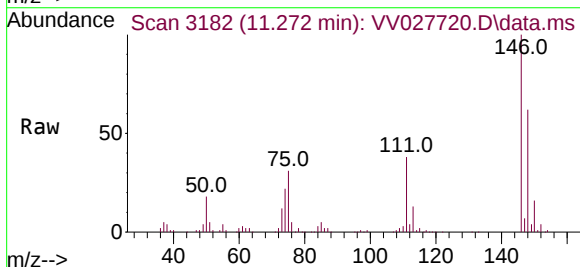
Instrument :
 MSVOA_V
 ClientSampleId :

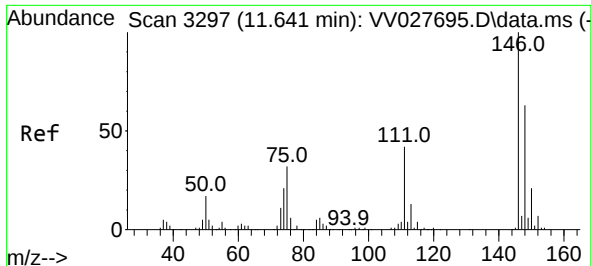
Tgt Ion:146 Resp: 131607
 Ion Ratio Lower Upper
 146 100
 111 41.3 29.0 53.8
 148 65.7 43.5 80.9



#65
 1,4-Dichlorobenzene
 Concen: 5.211 ug/L
 RT: 11.272 min Scan# 3182
 Delta R.T. 0.000 min
 Lab File: VV027720.D
 Acq: 02 Sep 2022 13:35

Tgt Ion:146 Resp: 129316
 Ion Ratio Lower Upper
 146 100
 111 38.3 27.5 51.1
 148 62.2 45.4 84.4

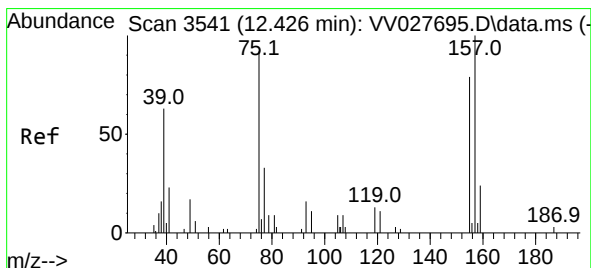
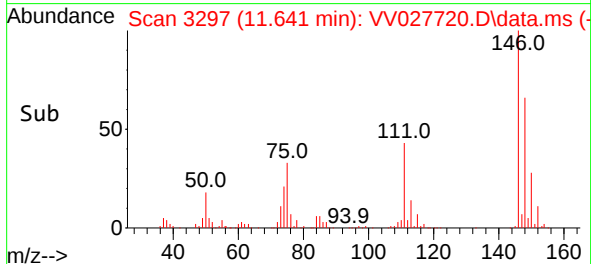
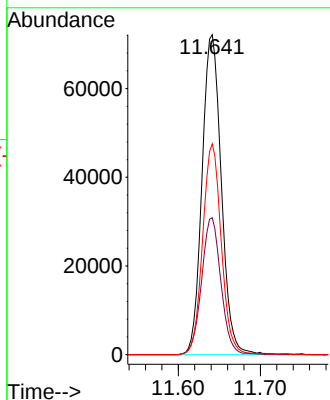
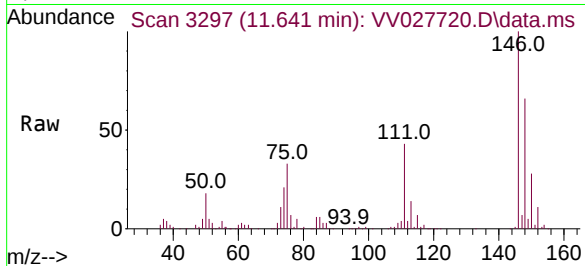




#67
1,2-Dichlorobenzene
Concen: 5.261 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV027720.D
Acq: 02 Sep 2022 13:35

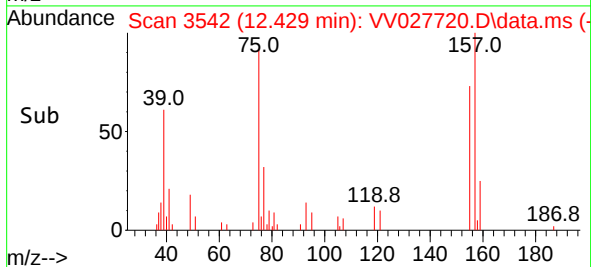
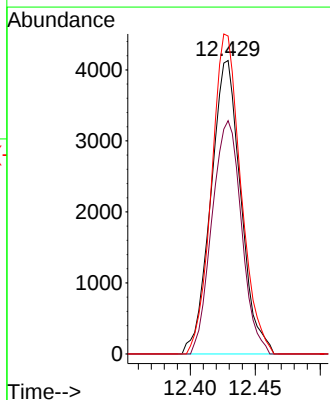
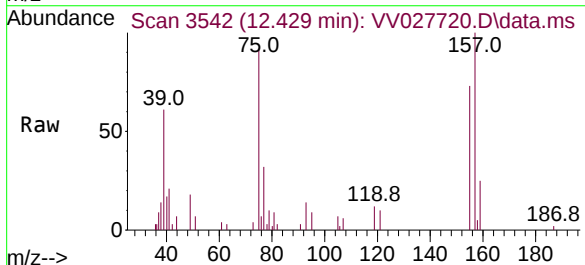
Instrument :
MSVOA_V
ClientSampleId :

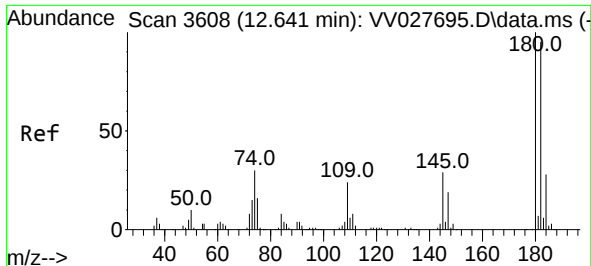
Tgt Ion:146 Resp: 117772
Ion Ratio Lower Upper
146 100
111 42.8 34.2 51.2
148 65.9 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.798 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV027720.D
Acq: 02 Sep 2022 13:35

Tgt Ion: 75 Resp: 6607
Ion Ratio Lower Upper
75 100
155 79.5 56.4 84.6
157 108.3 74.9 112.3





#69

1,3,5-Trichlorobenzene

Concen: 5.370 ug/L

RT: 12.644 min Scan# 3608

Delta R.T. 0.003 min

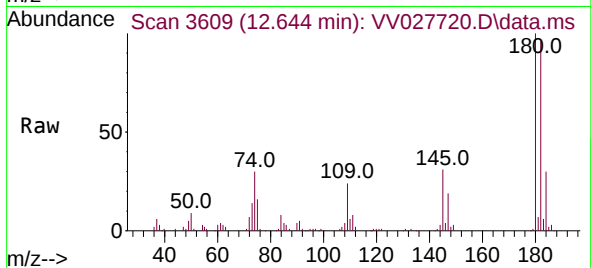
Lab File: VV027720.D

Acq: 02 Sep 2022 13:35

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 96635

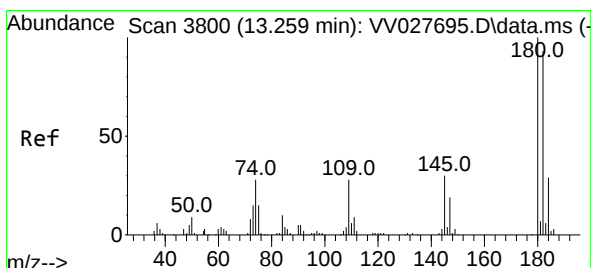
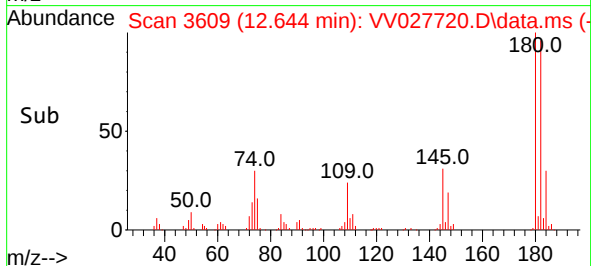
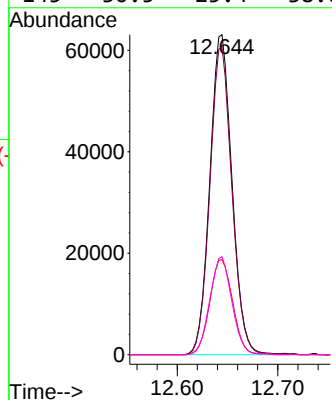
Ion Ratio Lower Upper

180 100

182 95.5 74.6 112.0

184 30.7 23.5 35.3

145 30.5 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 5.317 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV027720.D

Acq: 02 Sep 2022 13:35

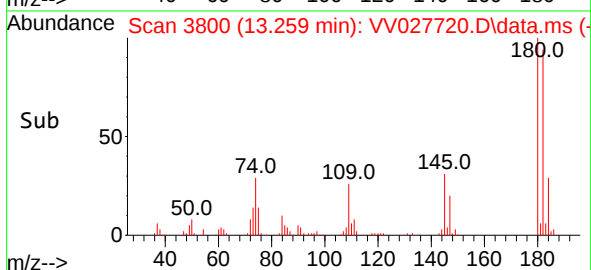
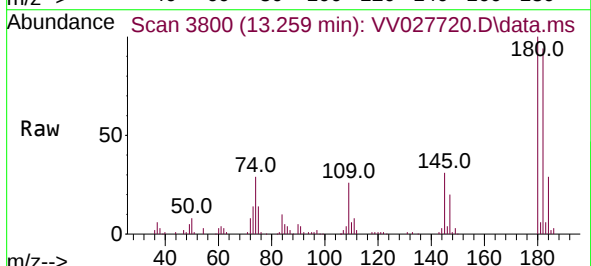
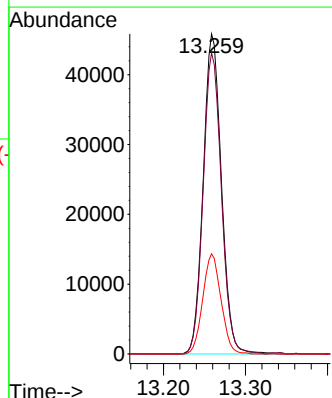
Tgt Ion:180 Resp: 70519

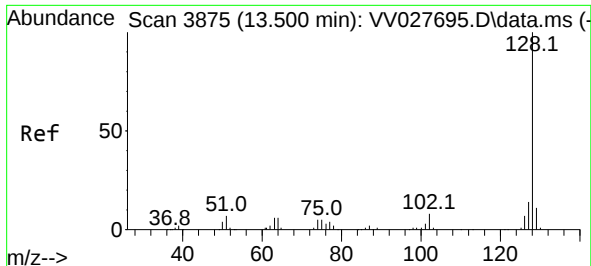
Ion Ratio Lower Upper

180 100

182 94.2 75.8 113.8

145 31.3 24.6 37.0

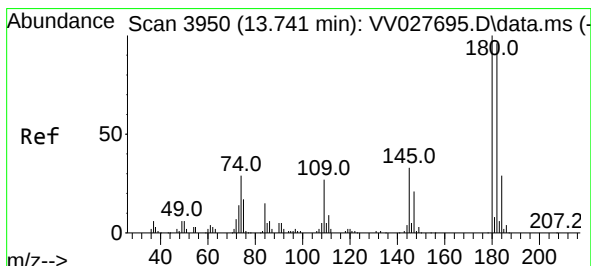
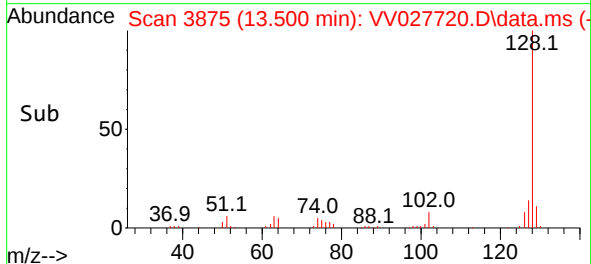
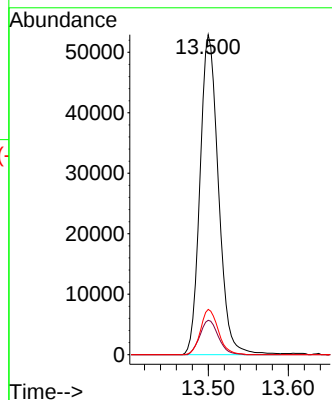
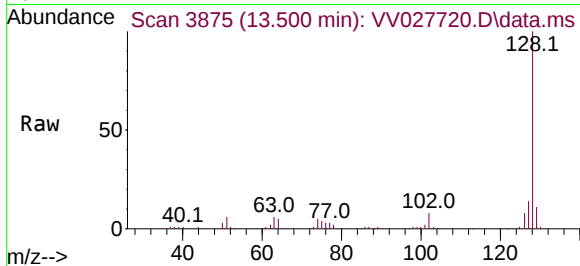




#71
Naphthalene
Concen: 4.095 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV027720.D
Acq: 02 Sep 2022 13:35

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 85004
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 13.7 10.9 16.3



#72
1,2,3-Trichlorobenzene
Concen: 4.895 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV027720.D
Acq: 02 Sep 2022 13:35

Tgt Ion:180 Resp: 58486
Ion Ratio Lower Upper
180 100
182 94.1 77.1 115.7
145 33.4 27.4 41.0

