

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081822\
 Data File : VW027425.D
 Acq On : 17 Aug 2022 18:11
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 18 02:26:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 18 02:23:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	309420	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	312716	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	185747	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	101577	48.151	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.300%
7) Chloroethane-d5	1.565	69	65835	42.689	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.380%
11) 1,1-Dichloroethene-d2	2.108	63	222315	57.614	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	115.220%
21) 2-Butanone-d5	3.880	46	146396	77.963	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.960%
24) Chloroform-d	4.343	84	201414	46.611	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.220%
26) 1,2-Dichloroethane-d4	5.027	65	132765	49.485	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.980%
32) Benzene-d6	5.047	84	394543	52.612	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.220%
36) 1,2-Dichloropropane-d6	6.066	67	123330	46.233	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.460%
41) Toluene-d8	7.313	98	360817	56.448	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.900%
43) trans-1,3-Dichloroprop...	7.619	79	56389	48.497	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.000%
47) 2-Hexanone-d5	8.088	63	101860	79.280	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.280%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	175473	40.365	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.720%
66) 1,2-Dichlorobenzene-d4	11.622	152	129635	40.414	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.820%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	126683	46.024	ug/L	100
3) Chloromethane	1.240	50	124818	39.693	ug/L	99
5) Vinyl chloride	1.310	62	126937	40.522	ug/L	99
6) Bromomethane	1.519	94	51847	35.109	ug/L	96
8) Chloroethane	1.581	64	73226	41.960	ug/L	99
9) Trichlorofluoromethane	1.751	101	208430	51.856	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	126153	56.602	ug/L	97
12) 1,1-Dichloroethene	2.118	96	110325	51.458	ug/L	85
13) Acetone	2.166	43	168760	116.554	ug/L	89
14) Carbon disulfide	2.291	76	277103	37.976	ug/L	100
15) Methyl Acetate	2.426	43	168249	51.089	ug/L	# 84
16) Methylene chloride	2.503	84	145733	50.887	ug/L	87
17) trans-1,2-Dichloroethene	2.757	96	115606	48.726	ug/L	92
18) Methyl tert-butyl Ether	2.767	73	407516	57.752	ug/L	# 94
19) 1,1-Dichloroethane	3.185	63	252477	53.010	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	136985	55.580	ug/L	90
22) 2-Butanone	3.960	43	229113	115.419	ug/L	99
23) Bromochloromethane	4.243	128	79137	57.499	ug/L	86
25) Chloroform	4.371	83	273988	56.923	ug/L	98

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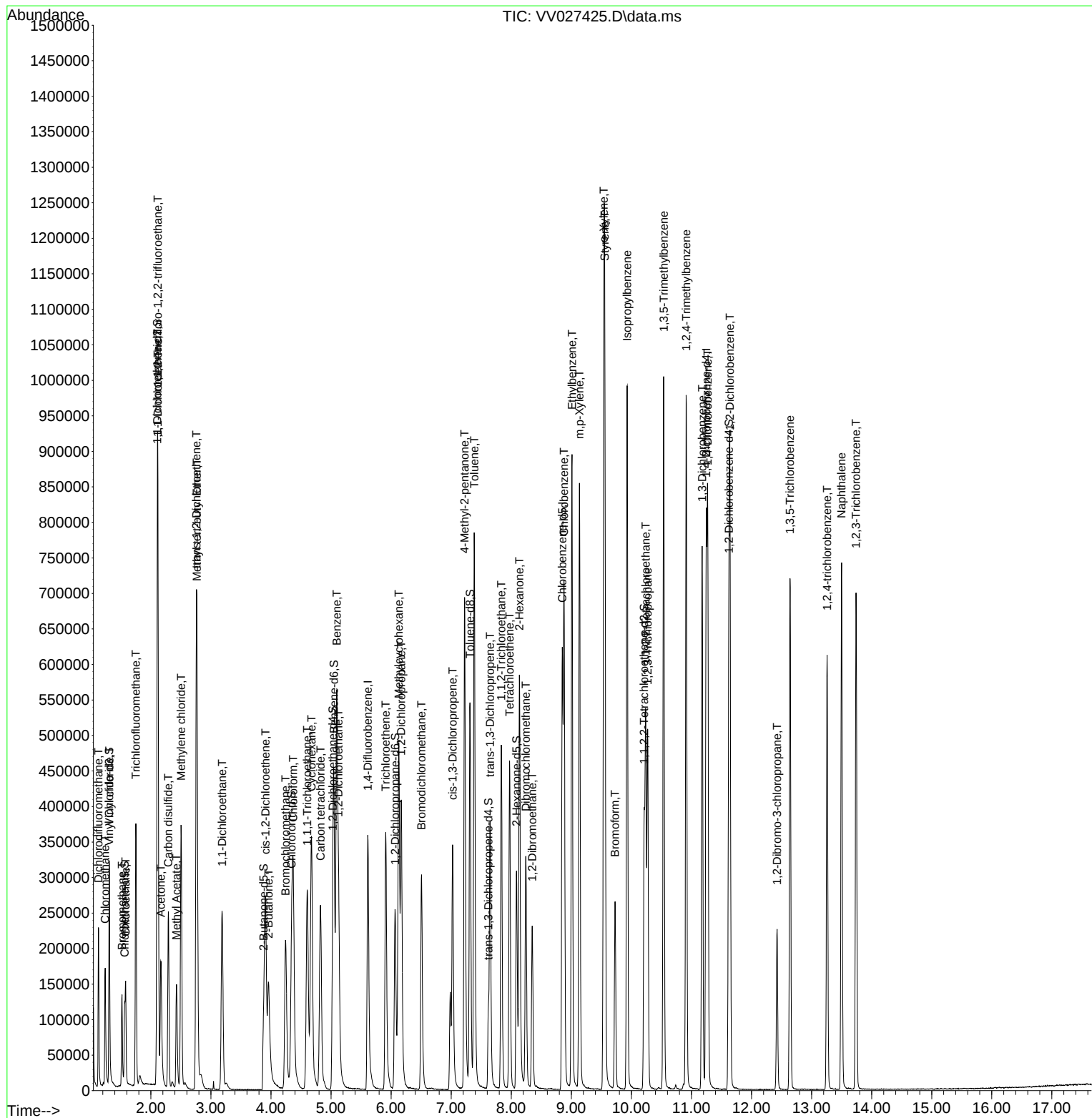
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	214408	57.195	ug/L #	93
29) Cyclohexane	4.674	56	183287	50.892	ug/L	91
30) 1,1,1-Trichloroethane	4.603	97	237073	57.197	ug/L	96
31) Carbon tetrachloride	4.825	117	205335	57.060	ug/L	97
33) Benzene	5.095	78	544773	54.210	ug/L	100
34) Trichloroethene	5.908	95	131755	51.205	ug/L	94
35) Methylcyclohexane	6.127	83	192548	50.890	ug/L	92
37) 1,2-Dichloropropane	6.169	63	153994	54.699	ug/L	100
38) Bromodichloromethane	6.506	83	205294	55.653	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	210666	56.491	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	463345	115.366	ug/L #	91
42) Toluene	7.384	91	569417	55.730	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	211977	57.842	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	150710	55.542	ug/L	98
46) Tetrachloroethene	7.973	164	100531	53.380	ug/L	98
48) 2-Hexanone	8.137	43	370252	115.750	ug/L #	89
49) Dibromochloromethane	8.243	129	166573	58.074	ug/L	100
50) 1,2-Dibromoethane	8.349	107	151773	54.360	ug/L	97
51) Chlorobenzene	8.879	112	367024	53.554	ug/L	96
52) Ethylbenzene	9.011	91	591034	56.059	ug/L	99
53) m,p-Xylene	9.137	106	227663	57.137	ug/L	93
54) o-Xylene	9.542	106	226143	58.256	ug/L	97
55) Styrene	9.558	104	416539	60.913	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.239	83	247609	54.471	ug/L	100
59) Bromoform	9.728	173	114384	51.831	ug/L	100
60) Isopropylbenzene	9.931	105	597971	51.084	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	202105	47.395	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	499374	51.658	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	507896	53.632	ug/L	97
64) 1,3-Dichlorobenzene	11.178	146	295223	52.037	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	303390	50.813	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	302136	50.827	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	56395	47.139	ug/L	90
69) 1,3,5-Trichlorobenzene	12.641	180	208332	54.673	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	175802	55.549	ug/L	99
71) Naphthalene	13.500	128	554017	51.123	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	197988	56.440	ug/L	99

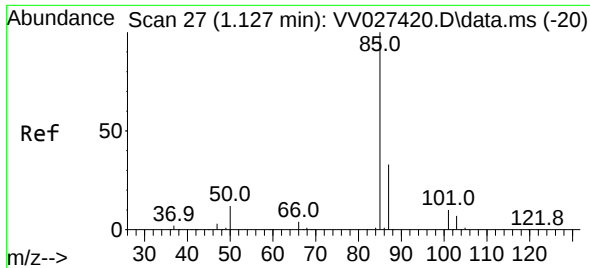
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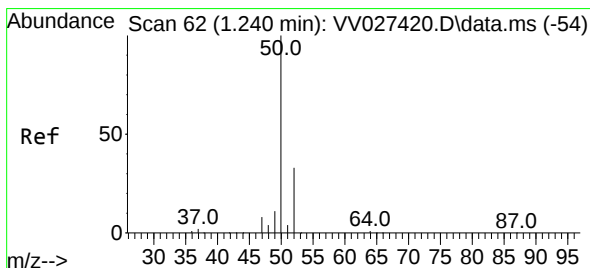
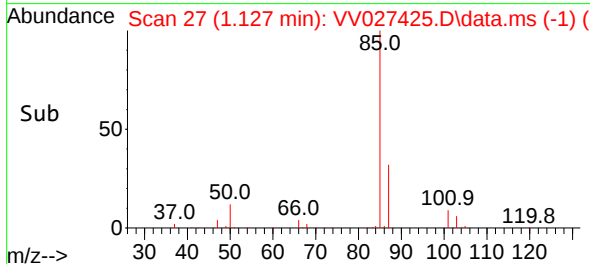
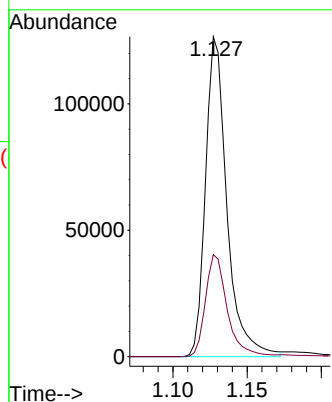
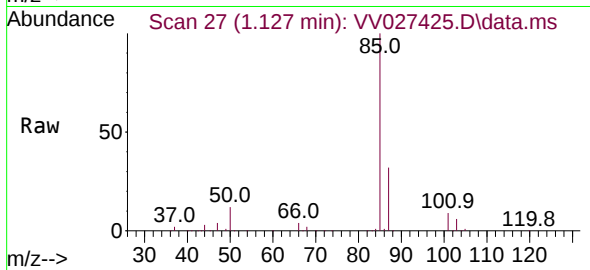




#2
 Dichlorodifluoromethane
 Concen: 46.024 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV027425.D
 Acq: 17 Aug 2022 18:11

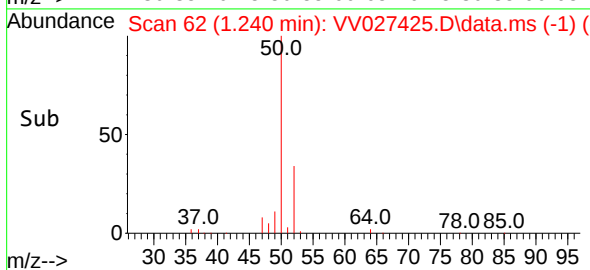
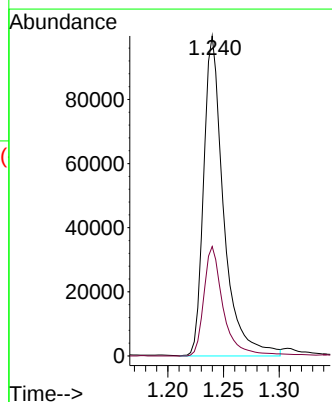
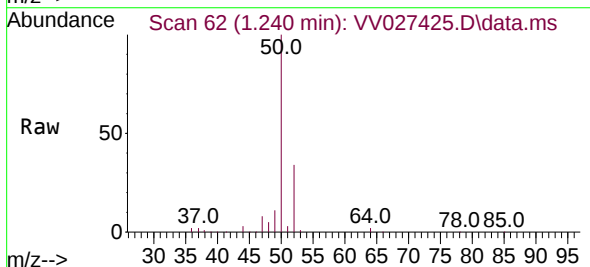
Instrument :
 MSVOA_V
 ClientSampleId :

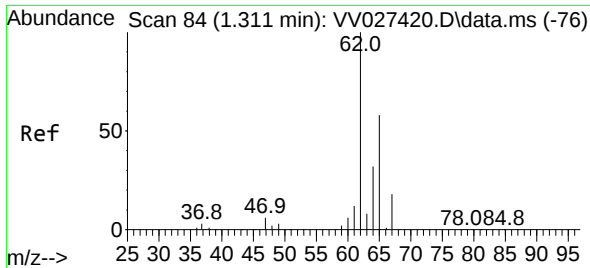
Tgt Ion: 85 Resp: 126683
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.1 39.1



#3
 Chloromethane
 Concen: 39.693 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV027425.D
 Acq: 17 Aug 2022 18:11

Tgt Ion: 50 Resp: 124818
 Ion Ratio Lower Upper
 50 100
 52 34.2 23.5 43.7

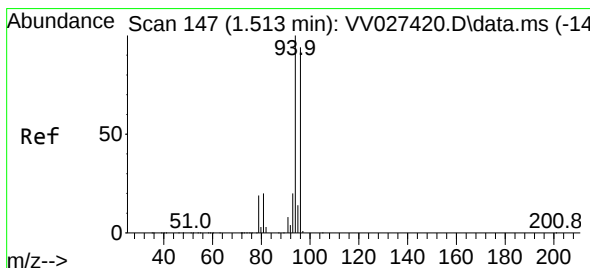
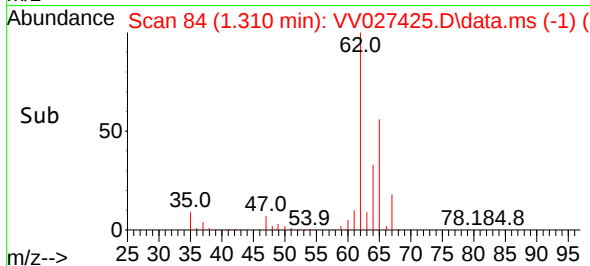
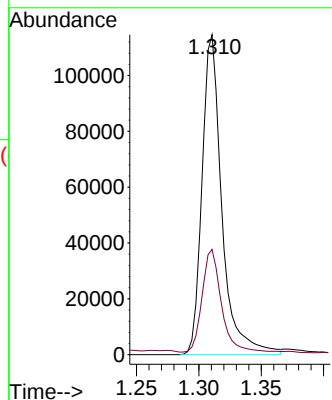
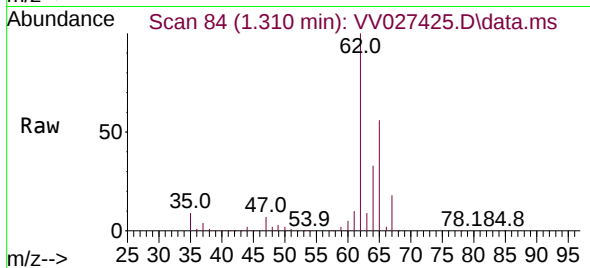




#5
 Vinyl chloride
 Concen: 40.522 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV027425.D
 Acq: 17 Aug 2022 18:11

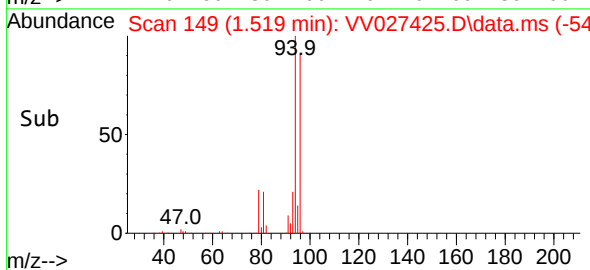
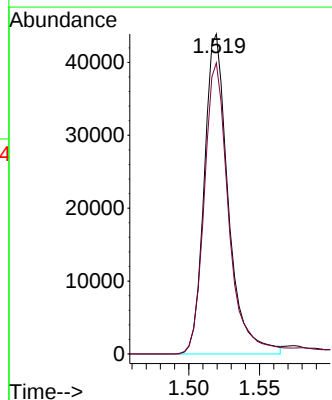
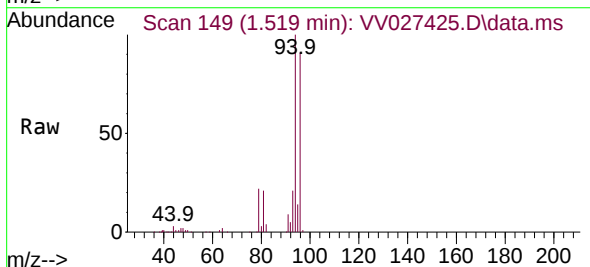
Instrument :
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 ClientSampleId :

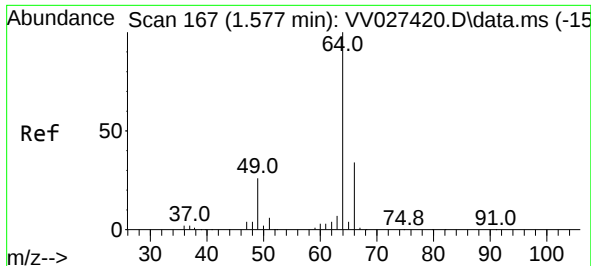
Tgt Ion: 62 Resp: 126937
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.2 43.2



#6
 Bromomethane
 Concen: 35.109 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VV027425.D
 Acq: 17 Aug 2022 18:11

Tgt Ion: 94 Resp: 51847
 Ion Ratio Lower Upper
 94 100
 96 90.9 66.1 122.8





#8

Chloroethane

Concen: 41.960 ug/L

RT: 1.581 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027425.D

Acq: 17 Aug 2022 18:11

Instrument :

MSVOA_V

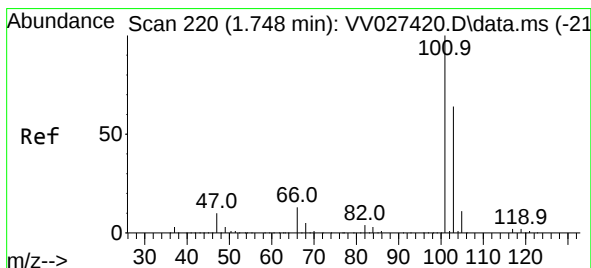
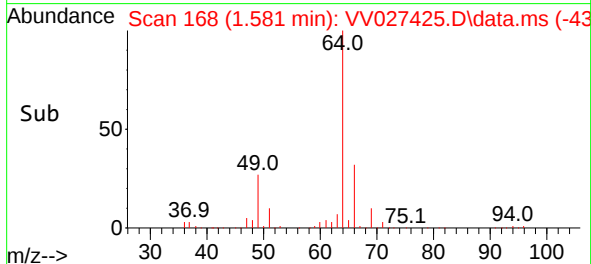
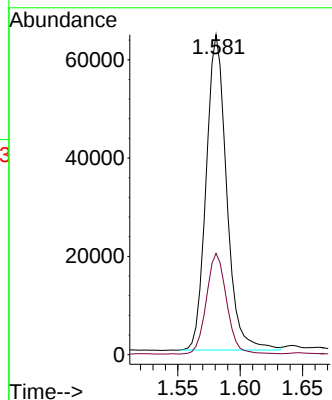
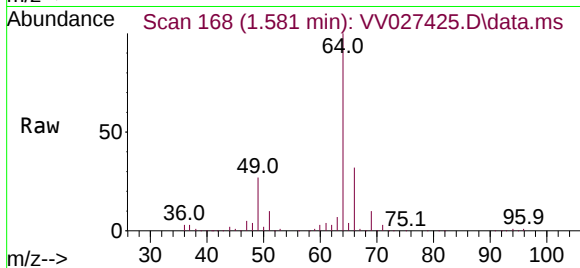
ClientSampleId :

Tgt Ion: 64 Resp: 73226

Ion Ratio Lower Upper

64 100

66 31.6 22.4 41.6



#9

Trichlorofluoromethane

Concen: 51.856 ug/L

RT: 1.751 min Scan# 221

Delta R.T. 0.003 min

Lab File: VV027425.D

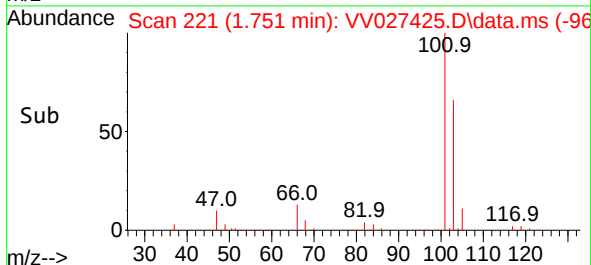
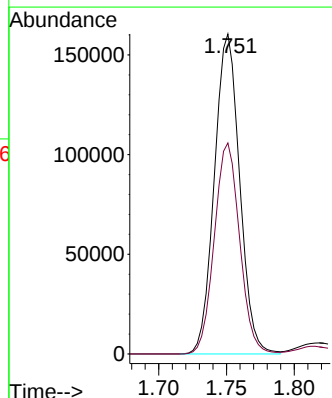
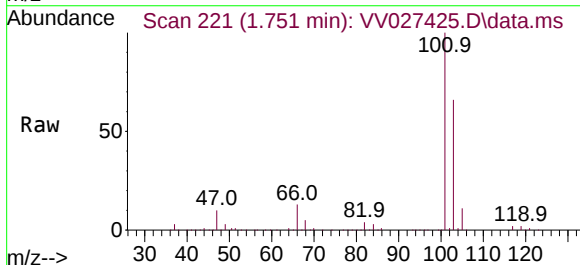
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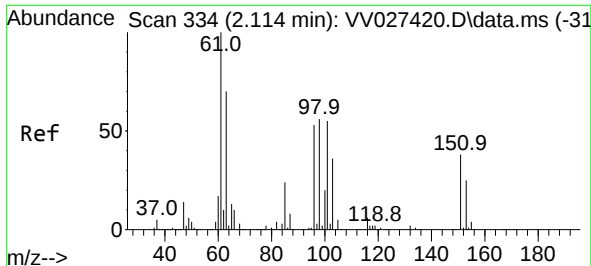
Tgt Ion:101 Resp: 208430

Ion Ratio Lower Upper

101 100

103 65.9 52.4 78.6





#10

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

Concen: 56.602 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

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Acq: 17 Aug 2022 18:11

Instrument :

MSVOA_V

ClientSampleId :

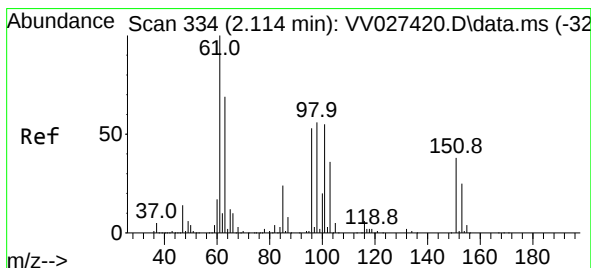
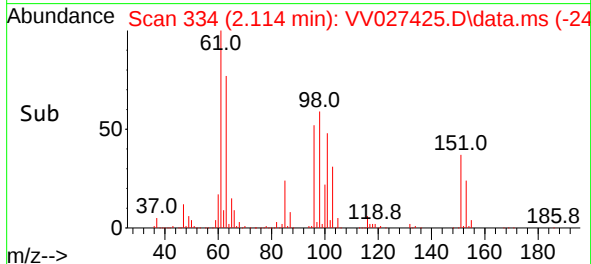
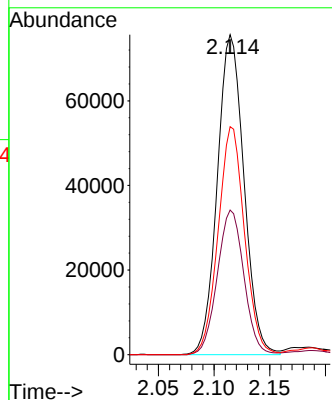
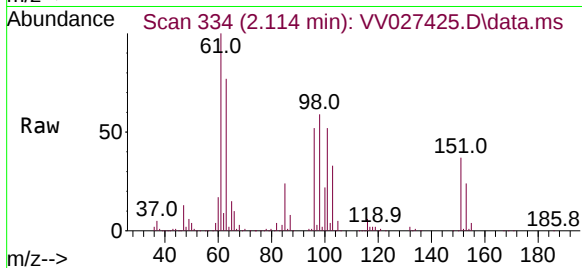
Tgt Ion:101 Resp: 126153

Ion Ratio Lower Upper

101 100

85 44.9 34.1 51.1

151 70.3 57.8 86.8



#12

1,1-Dichloroethene

Concen: 51.458 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV027425.D

Acq: 17 Aug 2022 18:11

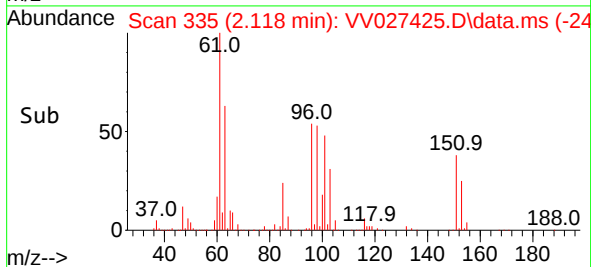
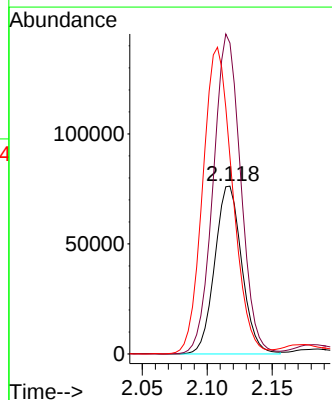
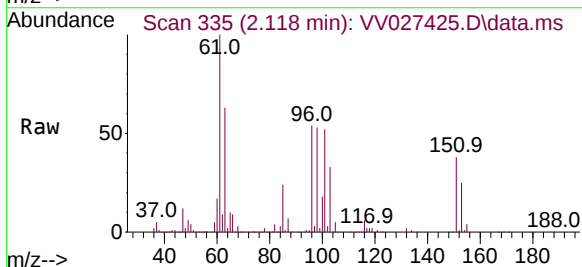
Tgt Ion: 96 Resp: 110325

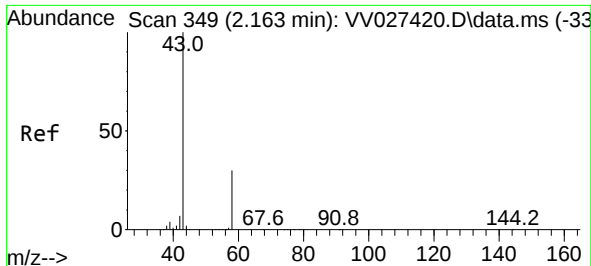
Ion Ratio Lower Upper

96 100

61 185.2 114.3 212.3

63 117.3 93.4 173.4





#13

Acetone

Concen: 116.554 ug/L

RT: 2.166 min Scan# 3

Delta R.T. 0.003 min

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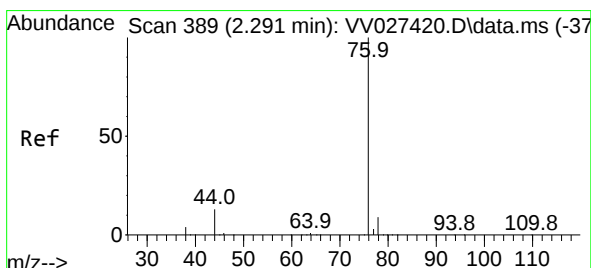
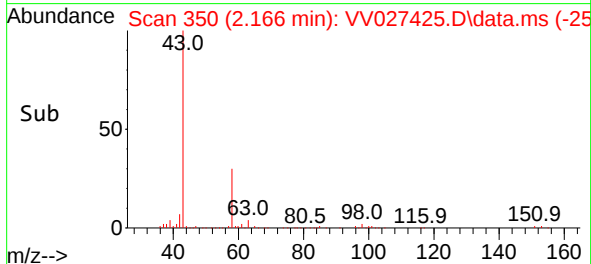
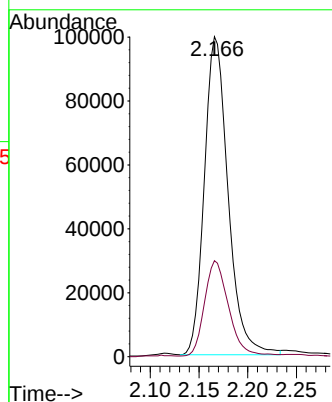
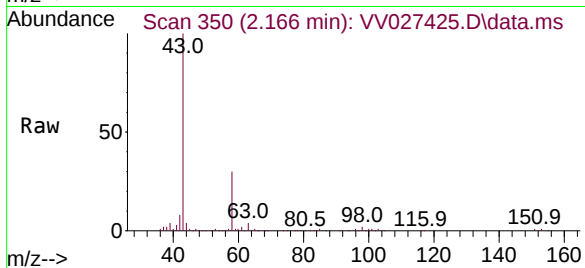
ClientSampleId :

Tgt Ion: 43 Resp: 168760

Ion Ratio Lower Upper

43 100

58 30.1 0.0 49.6



#14

Carbon disulfide

Concen: 37.976 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.000 min

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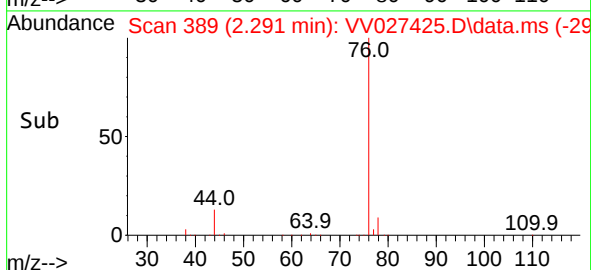
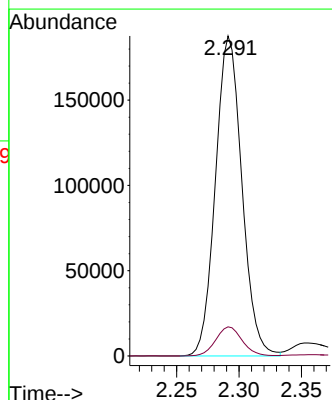
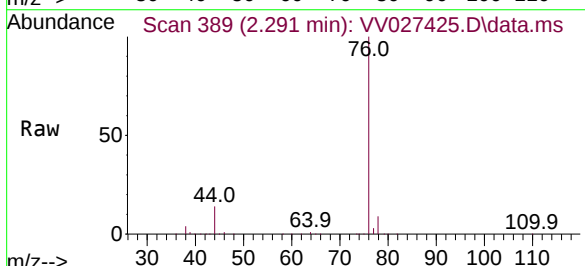
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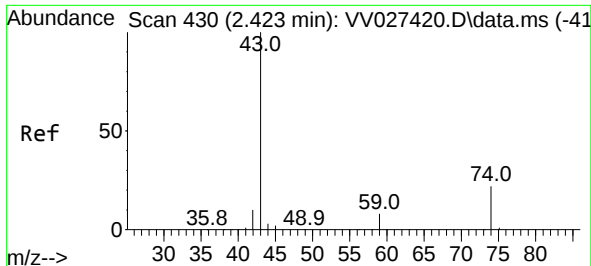
Tgt Ion: 76 Resp: 277103

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

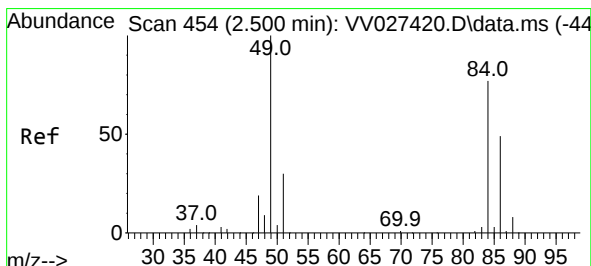
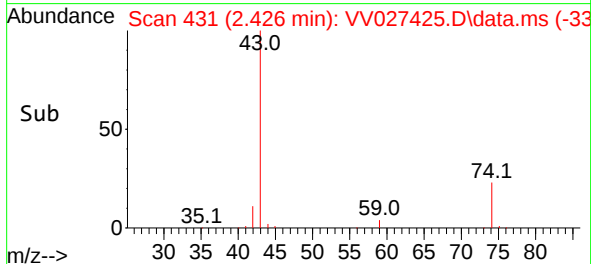
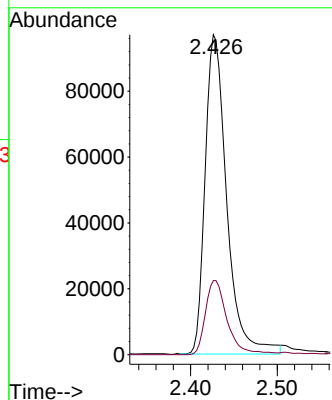
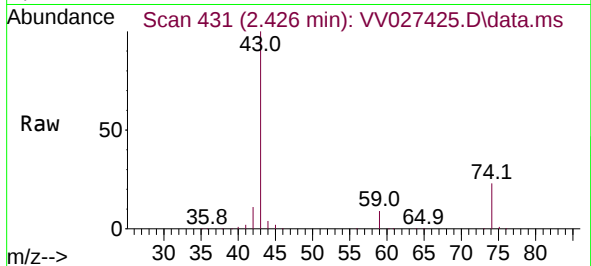




#15
Methyl Acetate
Concen: 51.089 ug/L
RT: 2.426 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV027425.D
Acq: 17 Aug 2022 18:11

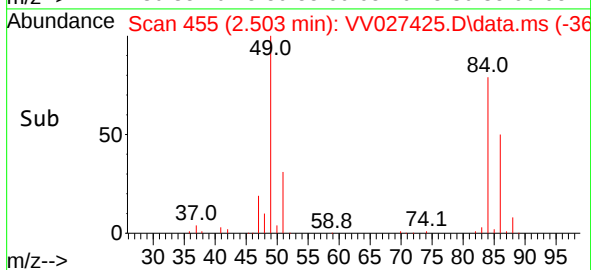
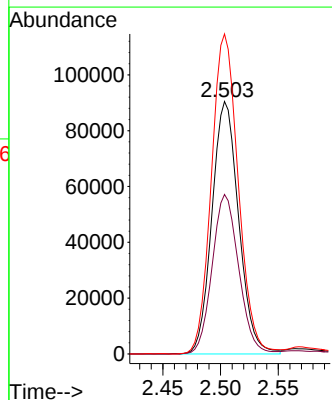
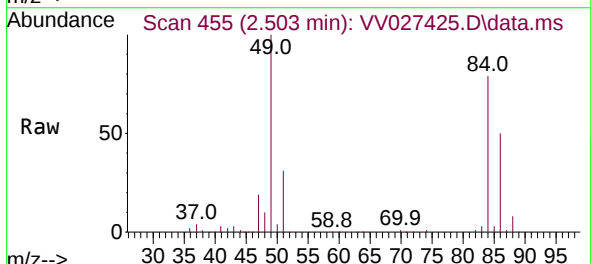
Instrument :
MSVOA_V
ClientSampleId :

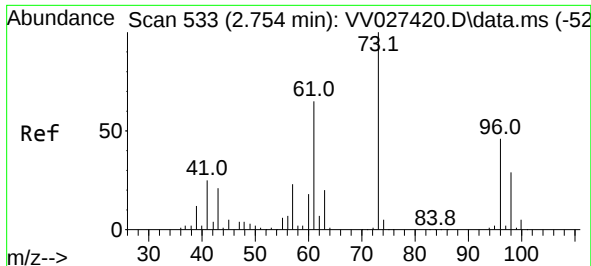
Tgt Ion: 43 Resp: 168249
Ion Ratio Lower Upper
43 100
74 22.7 25.5 38.3#



#16
Methylene chloride
Concen: 50.887 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV027425.D
Acq: 17 Aug 2022 18:11

Tgt Ion: 84 Resp: 145733
Ion Ratio Lower Upper
84 100
86 63.2 45.0 83.6
49 126.8 74.1 137.7

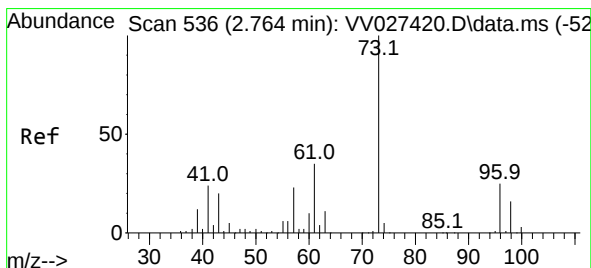
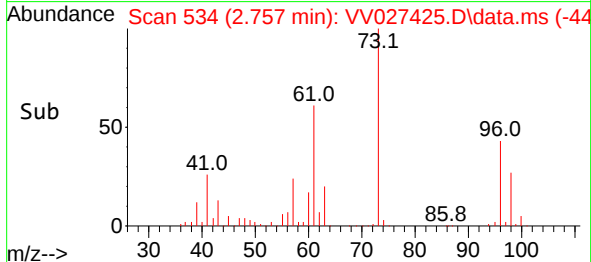
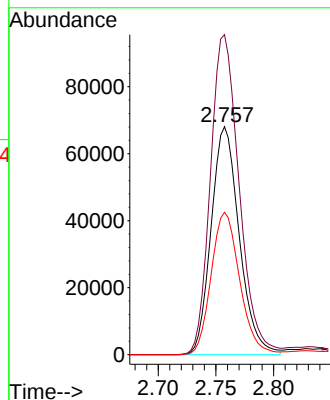
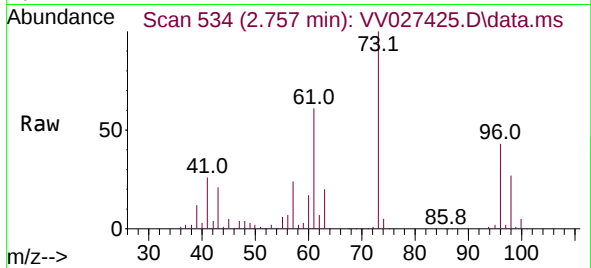




#17
trans-1,2-Dichloroethene
Concen: 48.726 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027425.D
Acq: 17 Aug 2022 18:11

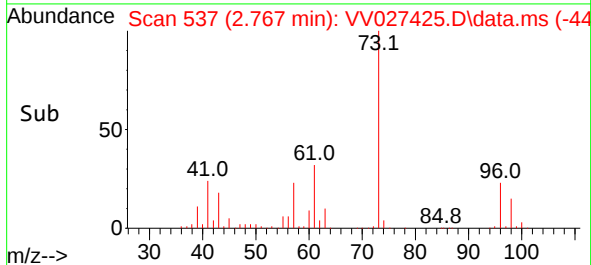
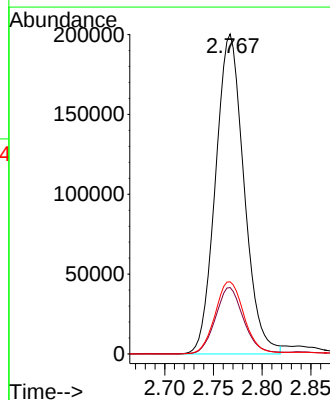
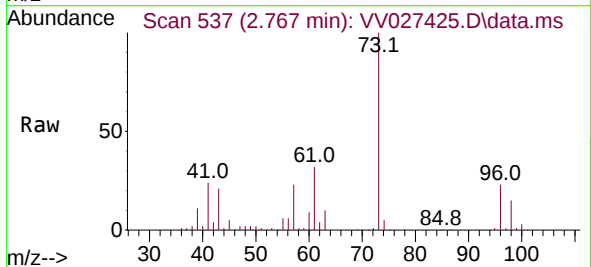
Instrument :
MSVOA_V
ClientSampleId :

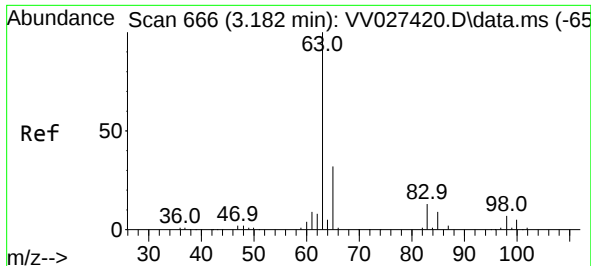
Tgt Ion: 96 Resp: 115606
Ion Ratio Lower Upper
96 100
61 140.4 89.2 165.6
98 62.5 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 57.752 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV027425.D
Acq: 17 Aug 2022 18:11

Tgt Ion: 73 Resp: 407516
Ion Ratio Lower Upper
73 100
43 20.4 12.6 18.8#
57 23.0 17.3 25.9





#19

1,1-Dichloroethane

Concen: 53.010 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV027425.D

Acq: 17 Aug 2022 18:11

Instrument :

MSVOA_V

ClientSampleId :

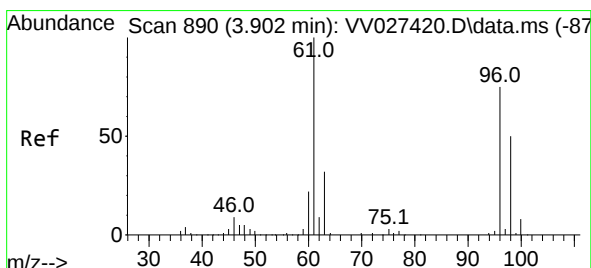
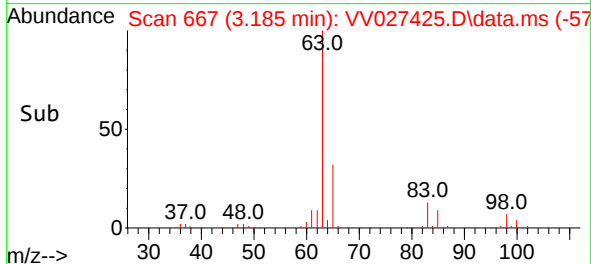
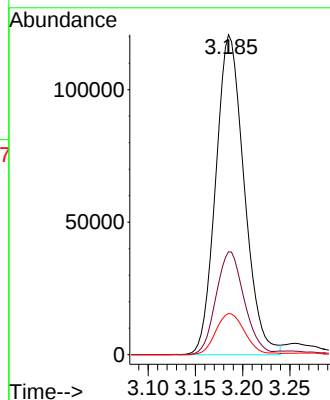
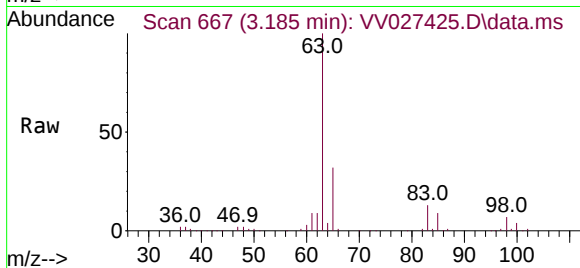
Tgt Ion: 63 Resp: 252477

Ion Ratio Lower Upper

63 100

65 32.1 22.7 42.3

83 12.8 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 55.580 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.006 min

Lab File: VV027425.D

Acq: 17 Aug 2022 18:11

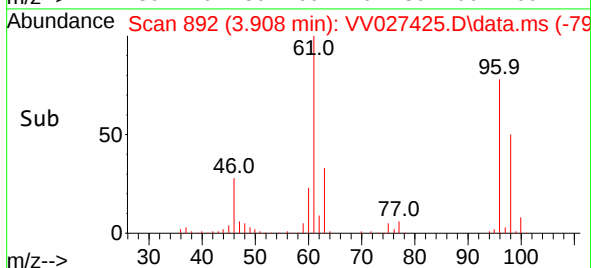
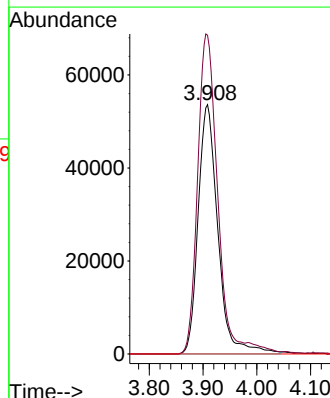
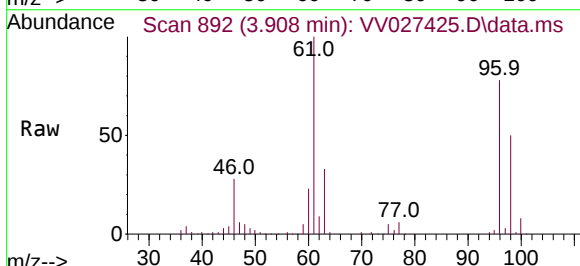
Tgt Ion: 96 Resp: 136985

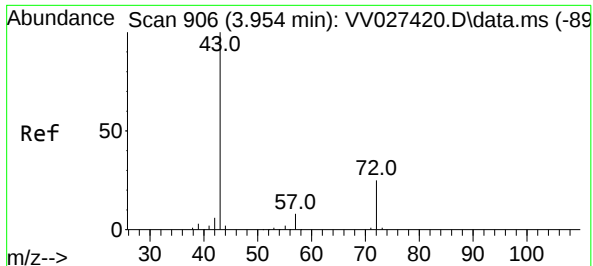
Ion Ratio Lower Upper

96 100

61 127.9 81.8 151.8

68 0.0 0.0 0.0

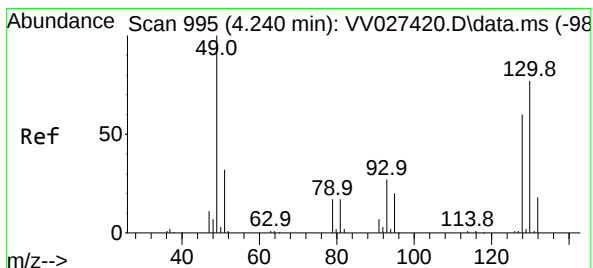
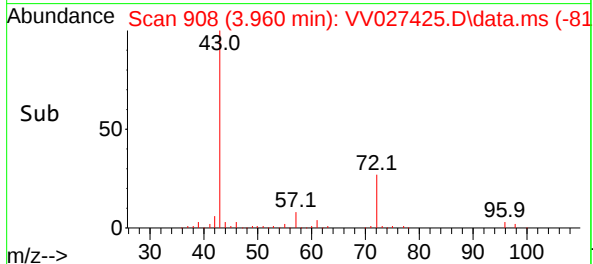
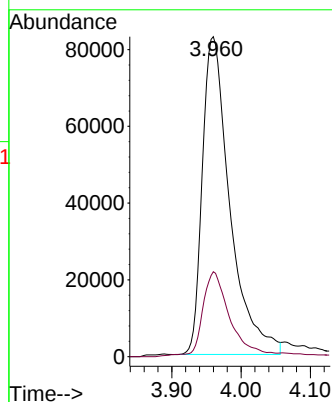
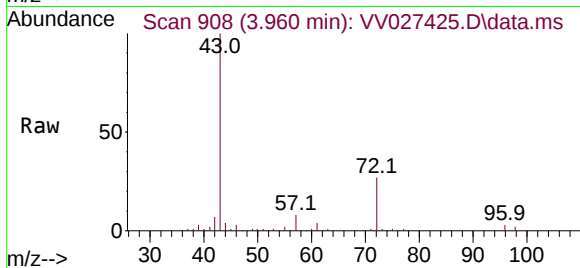




#22
2-Butanone
Concen: 115.419 ug/L
RT: 3.960 min Scan# 906
Delta R.T. 0.006 min
Lab File: VV027425.D
Acq: 17 Aug 2022 18:11

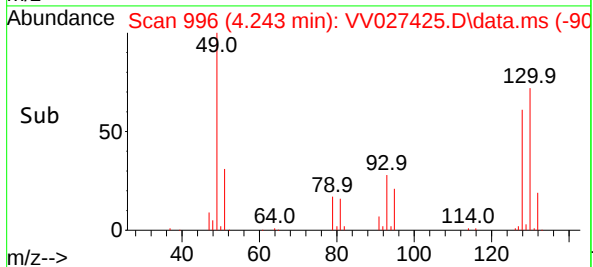
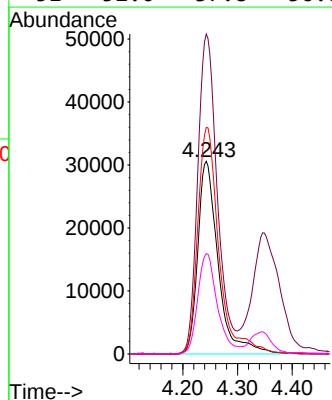
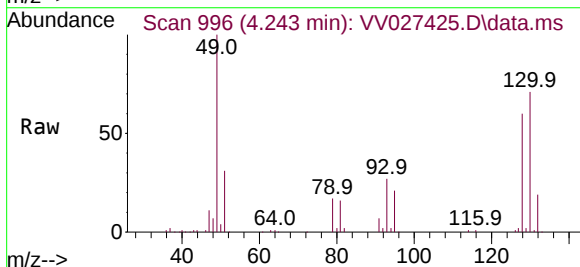
Instrument :
MSVOA_V
ClientSampleId :

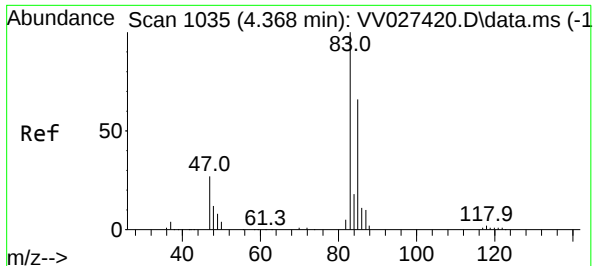
Tgt Ion: 43 Resp: 229113
Ion Ratio Lower Upper
43 100
72 24.2 11.9 35.7



#23
Bromochloromethane
Concen: 57.499 ug/L
RT: 4.243 min Scan# 996
Delta R.T. 0.003 min
Lab File: VV027425.D
Acq: 17 Aug 2022 18:11

Tgt Ion:128 Resp: 79137
Ion Ratio Lower Upper
128 100
49 166.1 98.7 183.3
130 117.6 89.5 166.1
51 52.0 37.8 56.8

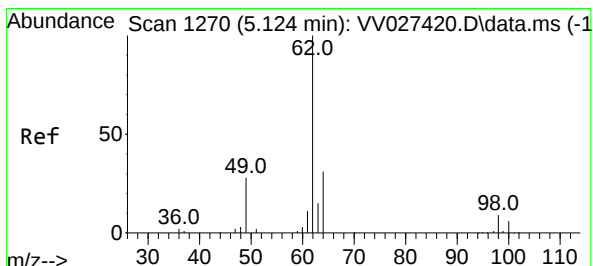
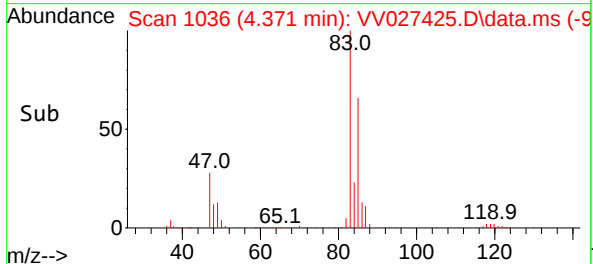
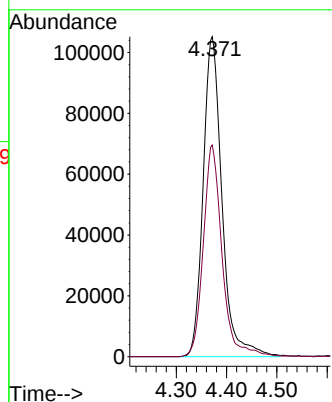
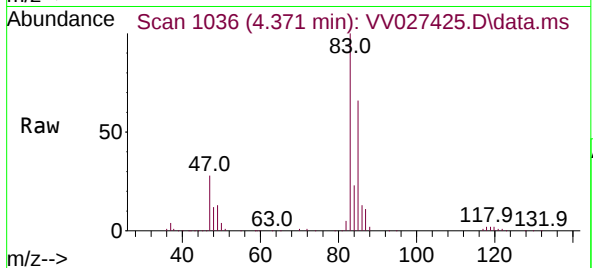




#25
Chloroform
Concen: 56.923 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV027425.D
Acq: 17 Aug 2022 18:11

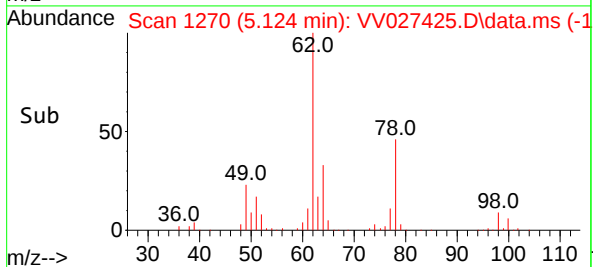
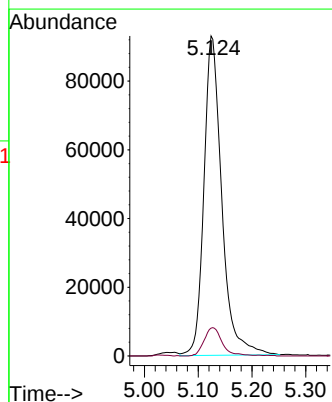
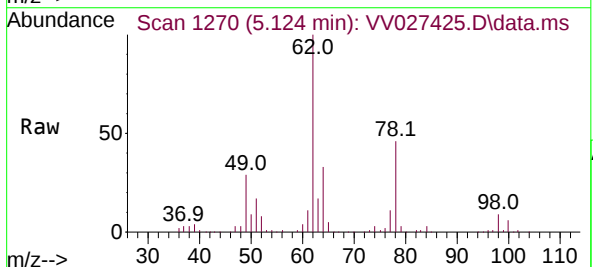
Instrument :
MSVOA_V
ClientSampleId :

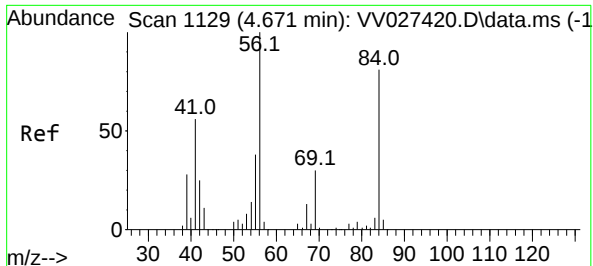
Tgt Ion: 83 Resp: 273988
Ion Ratio Lower Upper
83 100
85 66.2 45.4 84.4



#27
1,2-Dichloroethane
Concen: 57.195 ug/L
RT: 5.124 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VV027425.D
Acq: 17 Aug 2022 18:11

Tgt Ion: 62 Resp: 214408
Ion Ratio Lower Upper
62 100
98 8.7 9.0 13.6#





#29

Cyclohexane

Concen: 50.892 ug/L

RT: 4.674 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VV027425.D

Acq: 17 Aug 2022 18:11

Instrument :

MSVOA_V

ClientSampleId :

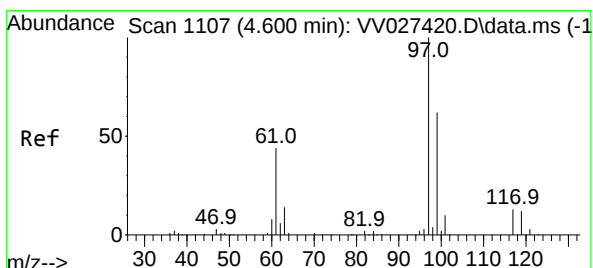
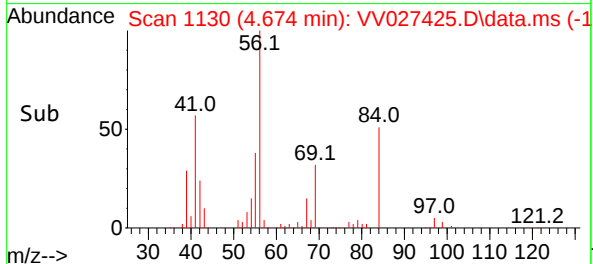
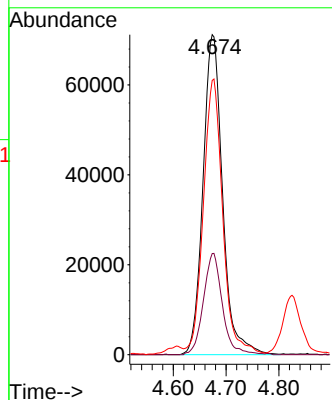
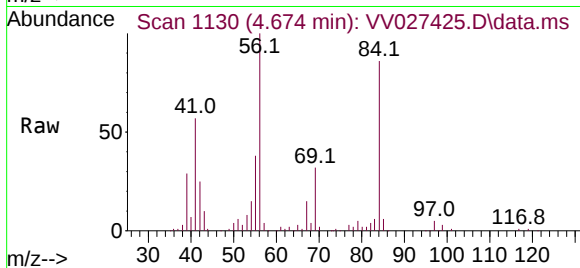
Tgt Ion: 56 Resp: 183287

Ion Ratio Lower Upper

56 100

69 29.6 25.9 38.9

84 83.9 75.3 112.9



#30

1,1,1-Trichloroethane

Concen: 57.197 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV027425.D

Acq: 17 Aug 2022 18:11

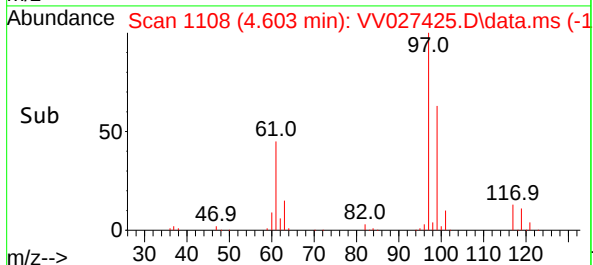
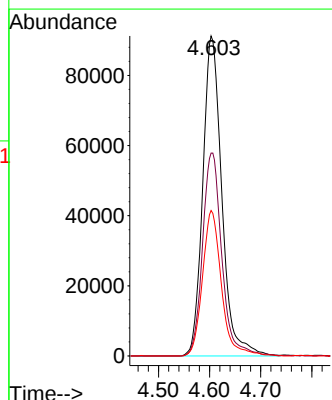
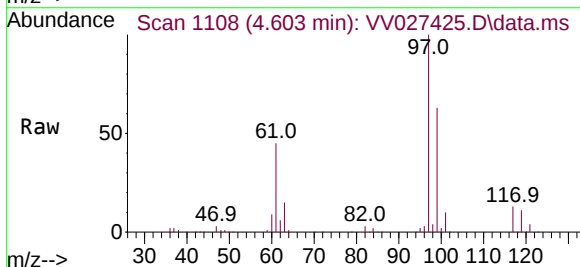
Tgt Ion: 97 Resp: 237073

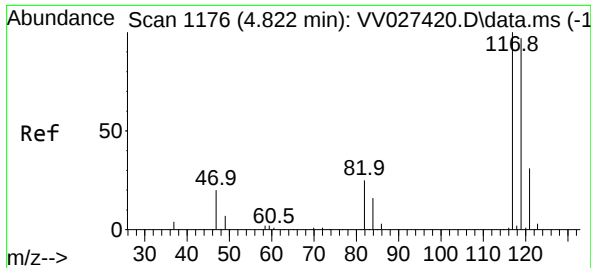
Ion Ratio Lower Upper

97 100

99 63.8 51.4 77.2

61 45.1 32.1 48.1

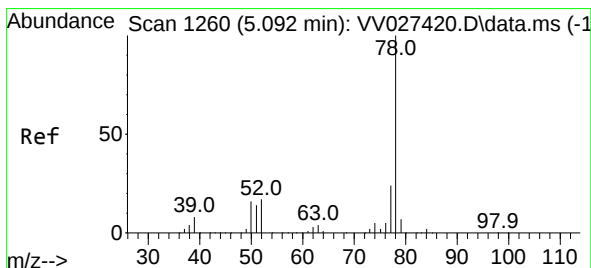
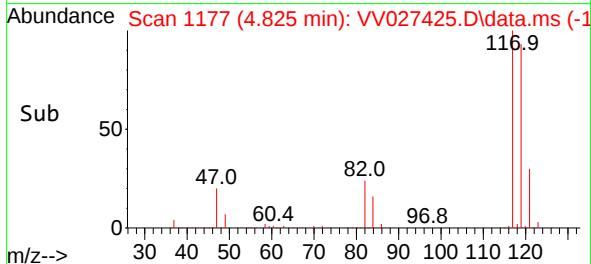
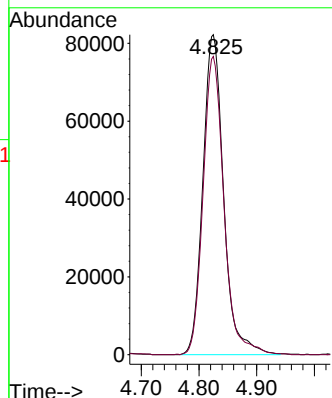
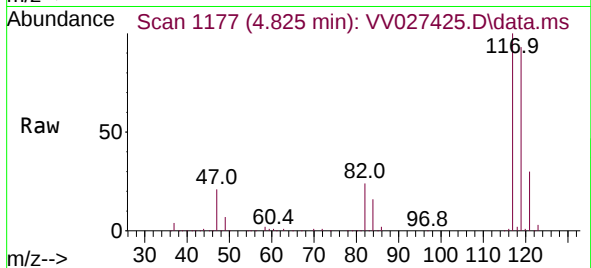




#31
Carbon tetrachloride
Concen: 57.060 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV027425.D
Acq: 17 Aug 2022 18:11

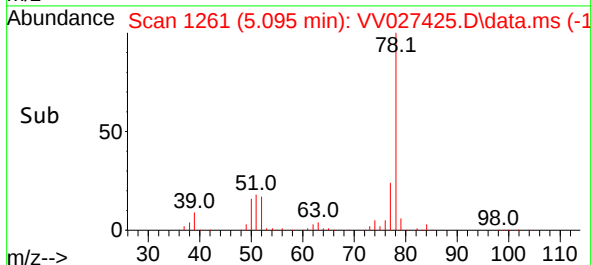
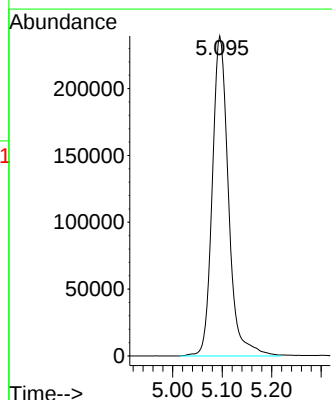
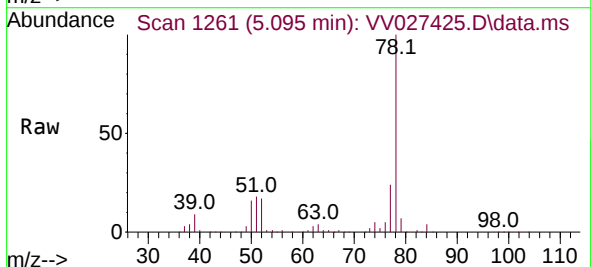
Instrument :
MSVOA_V
ClientSampleId :

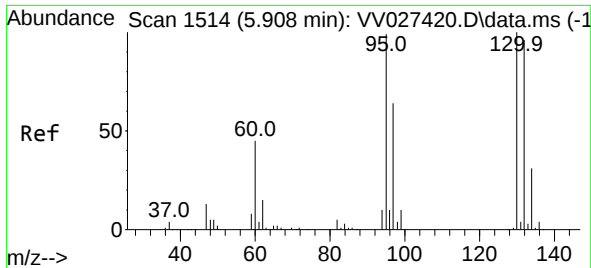
Tgt Ion:117 Resp: 205335
Ion Ratio Lower Upper
117 100
119 93.7 77.0 115.6



#33
Benzene
Concen: 54.210 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV027425.D
Acq: 17 Aug 2022 18:11

Tgt Ion: 78 Resp: 544773

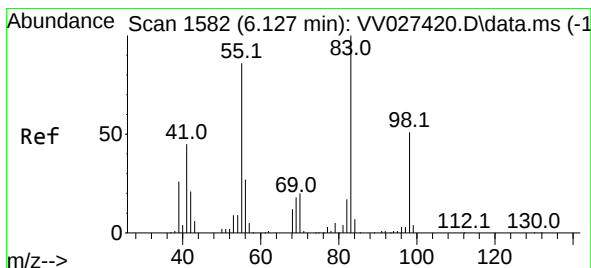
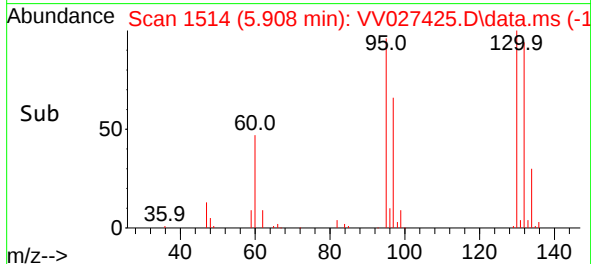
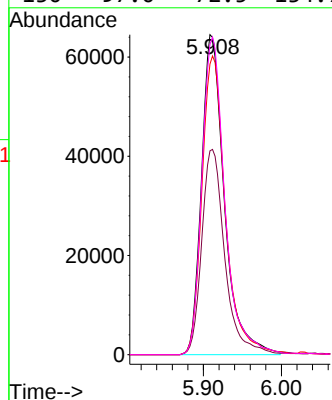
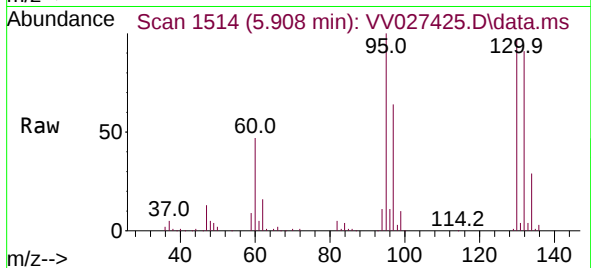




#34
Trichloroethene
Concen: 51.205 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VV027425.D
Acq: 17 Aug 2022 18:11

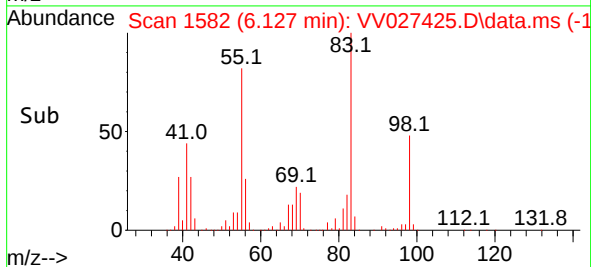
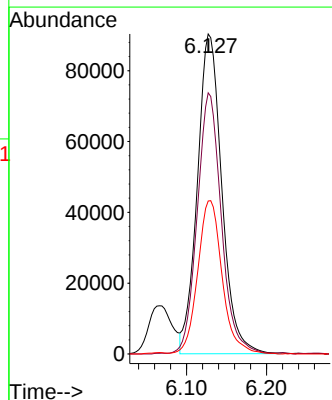
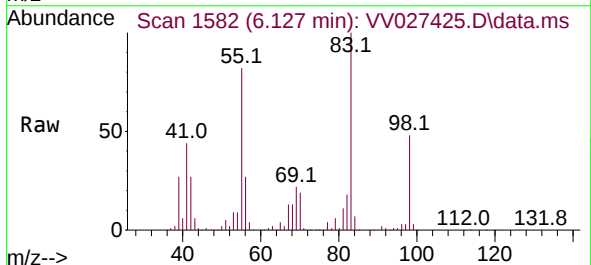
Instrument :
MSVOA_V
ClientSampleId :

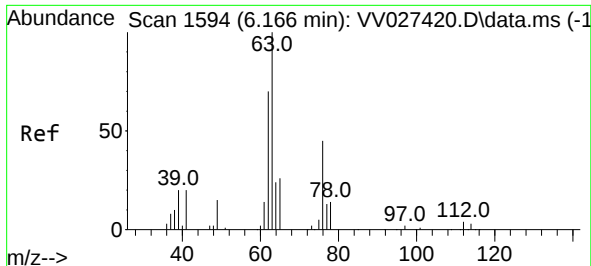
Tgt Ion: 95 Resp: 131755
Ion Ratio Lower Upper
95 100
97 63.7 45.9 85.3
132 90.8 69.8 129.6
130 97.0 72.5 134.7



#35
Methylcyclohexane
Concen: 50.890 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV027425.D
Acq: 17 Aug 2022 18:11

Tgt Ion: 83 Resp: 192548
Ion Ratio Lower Upper
83 100
55 80.5 55.5 83.3
98 47.9 39.0 58.4





#37

1,2-Dichloropropane

Concen: 54.699 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027425.D

Acq: 17 Aug 2022 18:11

Instrument :

MSVOA_V

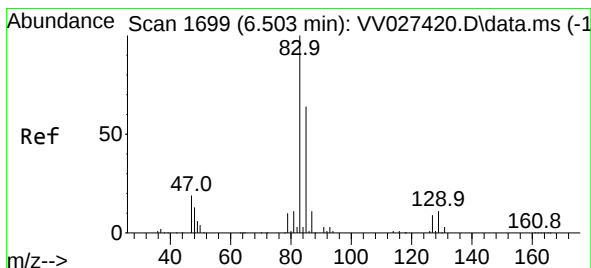
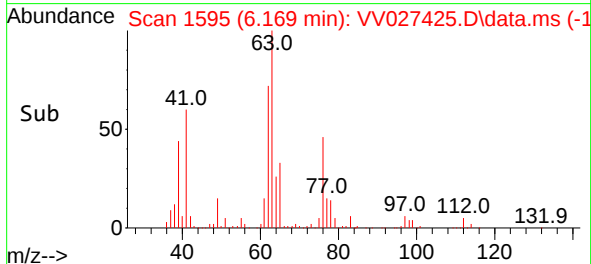
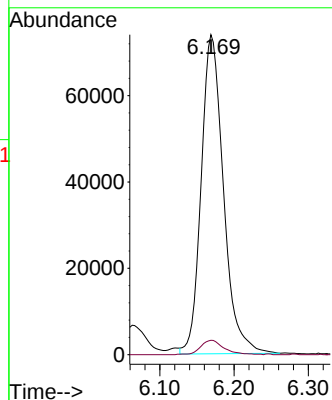
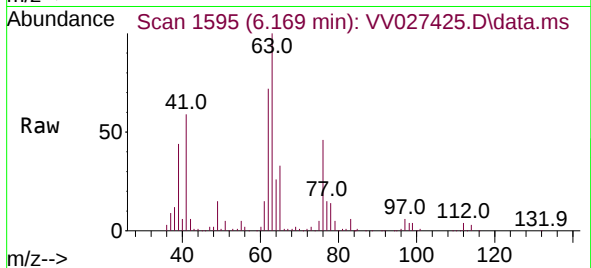
ClientSampleId :

Tgt Ion: 63 Resp: 153994

Ion Ratio Lower Upper

63 100

112 4.7 3.7 5.5



#38

Bromodichloromethane

Concen: 55.653 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV027425.D

Acq: 17 Aug 2022 18:11

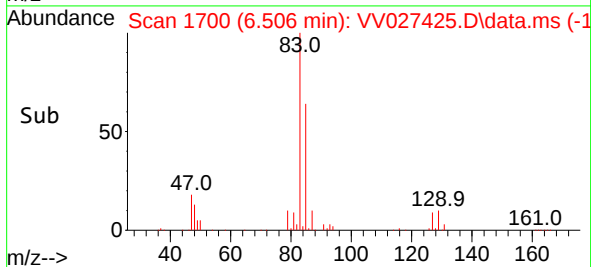
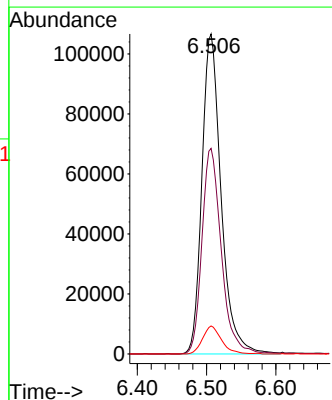
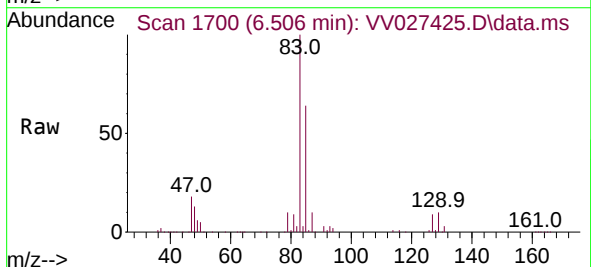
Tgt Ion: 83 Resp: 205294

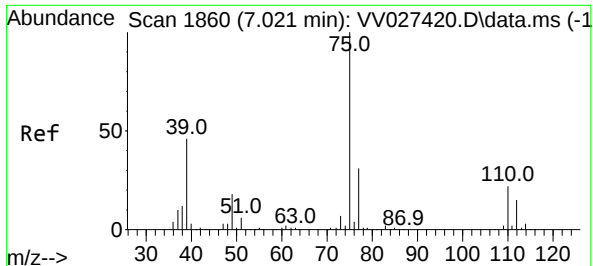
Ion Ratio Lower Upper

83 100

85 64.2 45.5 84.5

127 8.7 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 56.491 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV027425.D

Acq: 17 Aug 2022 18:11

Instrument :

MSVOA_V

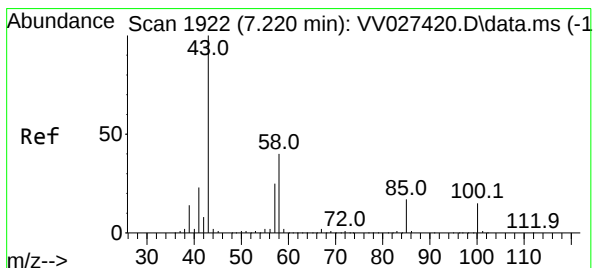
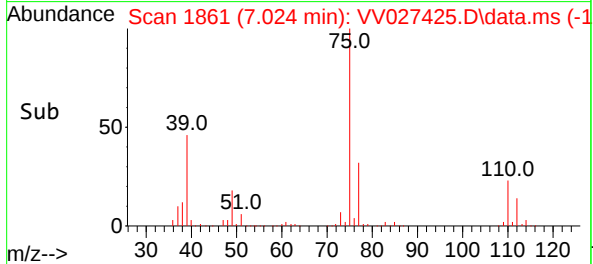
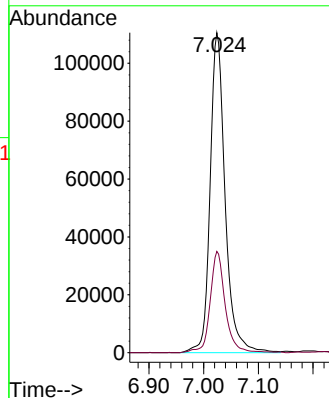
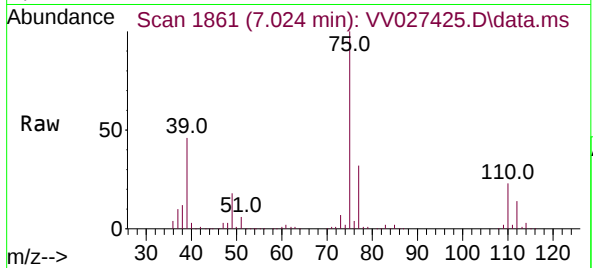
ClientSampleId :

Tgt Ion: 75 Resp: 210666

Ion Ratio Lower Upper

75 100

77 31.6 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 115.366 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV027425.D

Acq: 17 Aug 2022 18:11

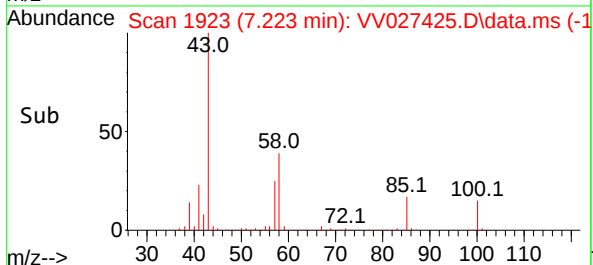
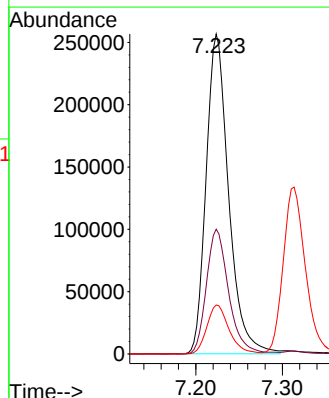
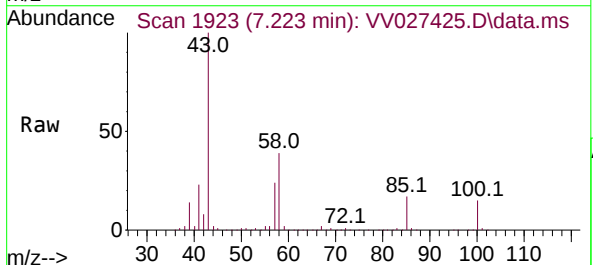
Tgt Ion: 43 Resp: 463345

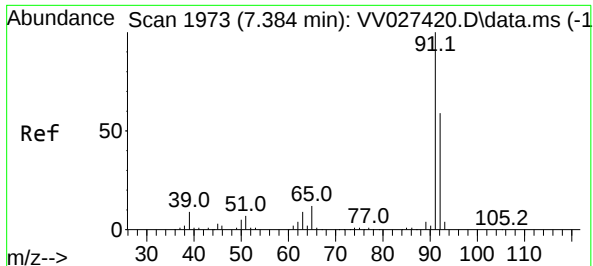
Ion Ratio Lower Upper

43 100

58 38.6 35.3 52.9

100 15.2 15.7 23.5





#42

Toluene

Concen: 55.730 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV027425.D

Acq: 17 Aug 2022 18:11

Instrument :

MSVOA_V

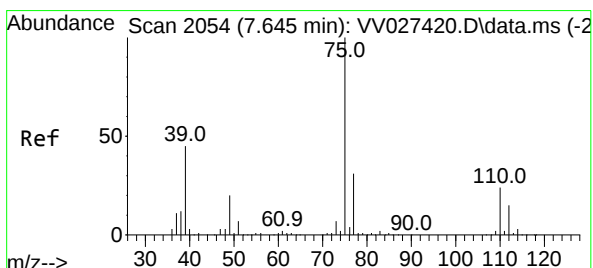
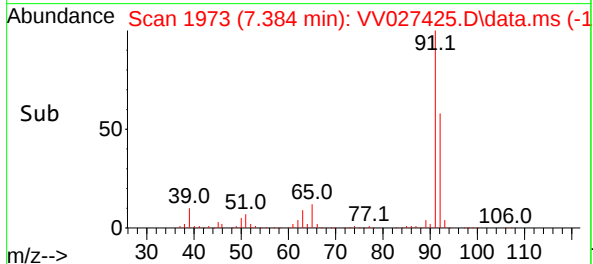
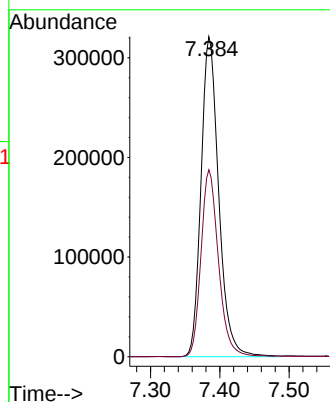
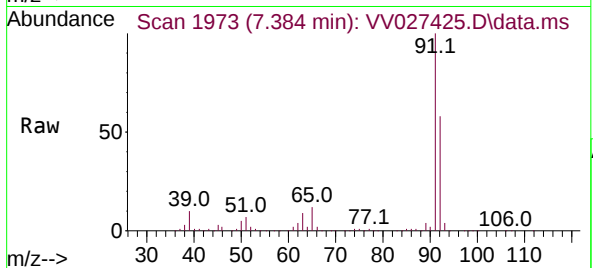
ClientSampleId :

Tgt Ion: 91 Resp: 569417

Ion Ratio Lower Upper

91 100

92 58.4 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 57.842 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.003 min

Lab File: VV027425.D

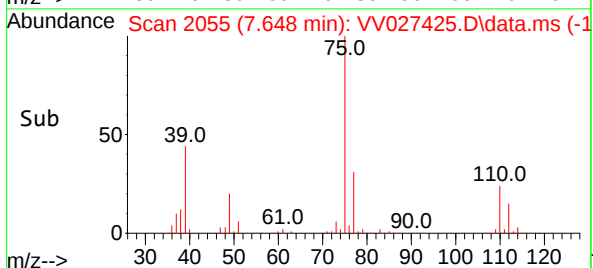
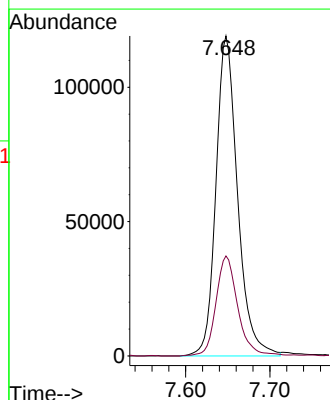
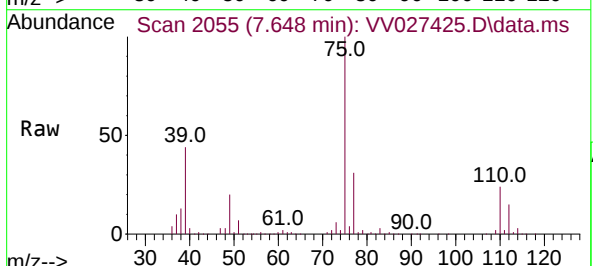
Acq: 17 Aug 2022 18:11

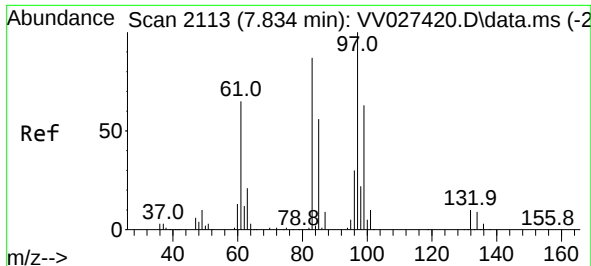
Tgt Ion: 75 Resp: 211977

Ion Ratio Lower Upper

75 100

77 31.3 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 55.542 ug/L

RT: 7.834 min Scan# 2113

Delta R.T. -0.000 min

Lab File: VV027425.D

Acq: 17 Aug 2022 18:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 150710

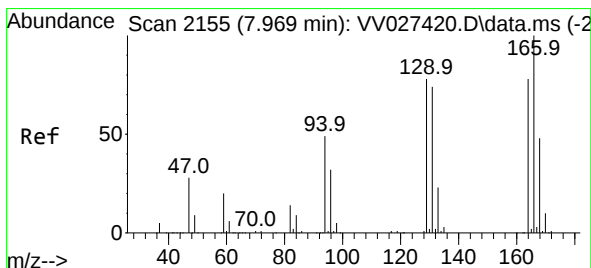
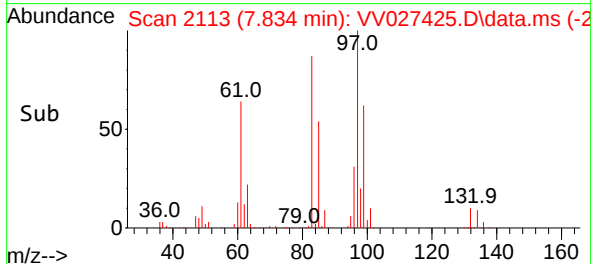
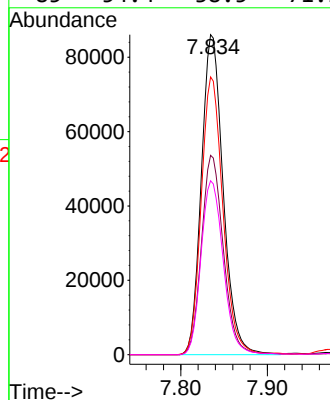
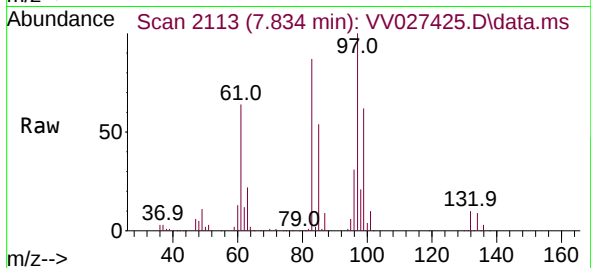
Ion Ratio Lower Upper

97 100

99 62.3 43.2 80.2

83 86.8 58.0 107.6

85 54.4 38.5 71.5



#46

Tetrachloroethene

Concen: 53.380 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV027425.D

Acq: 17 Aug 2022 18:11

Tgt Ion:164 Resp: 100531

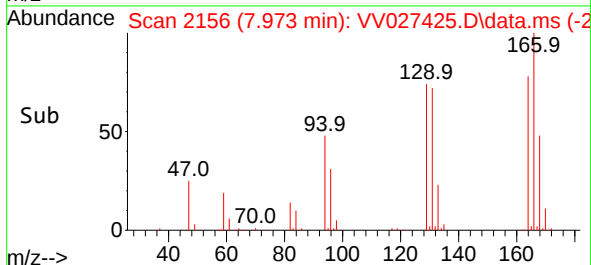
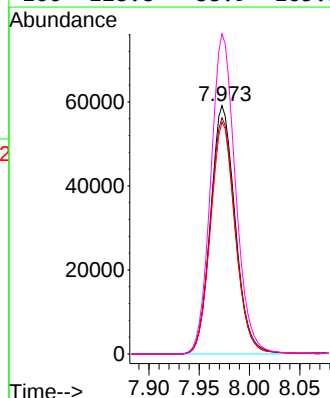
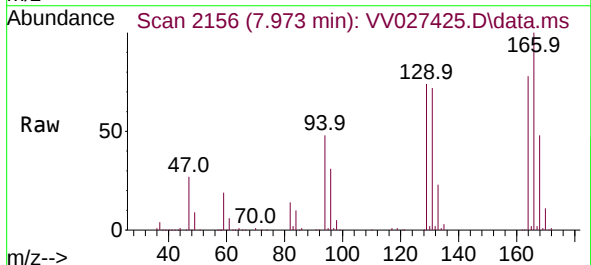
Ion Ratio Lower Upper

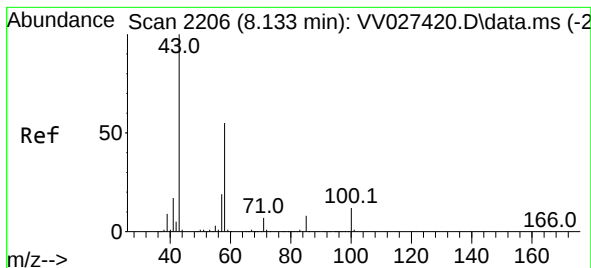
164 100

129 95.1 67.5 125.4

131 93.4 64.3 119.3

166 128.8 88.9 165.1





#48

2-Hexanone

Concen: 115.750 ug/L

RT: 8.137 min Scan# 21

Delta R.T. 0.003 min

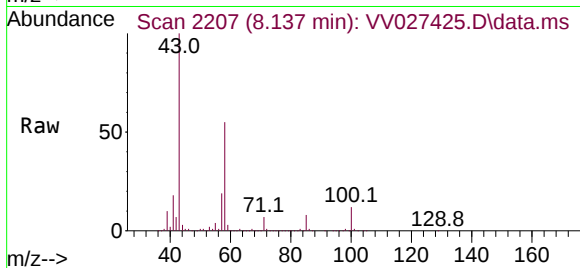
Lab File: VV027425.D

Acq: 17 Aug 2022 18:11

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 370252

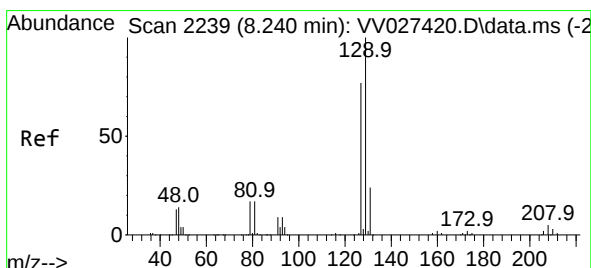
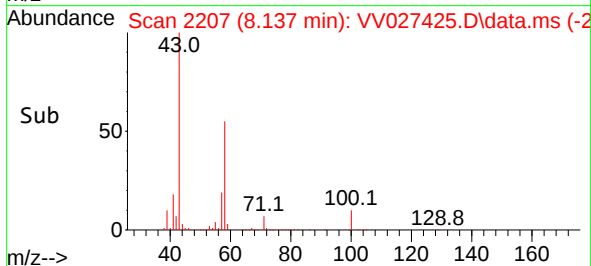
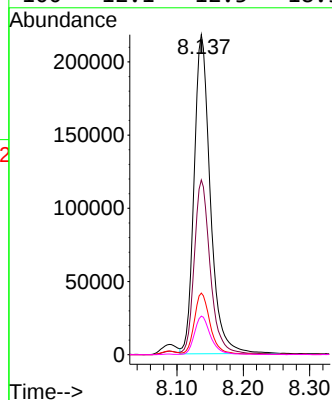
Ion Ratio Lower Upper

43 100

58 53.2 50.8 76.2

57 18.8 17.1 25.7

100 12.1 12.3 18.5#



#49

Dibromochloromethane

Concen: 58.074 ug/L

RT: 8.243 min Scan# 2240

Delta R.T. 0.003 min

Lab File: VV027425.D

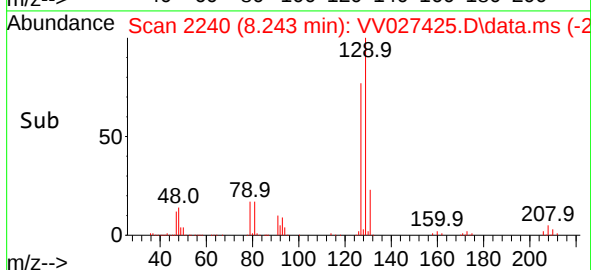
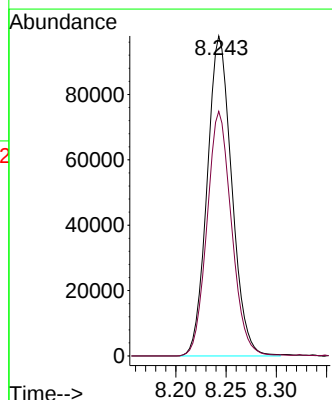
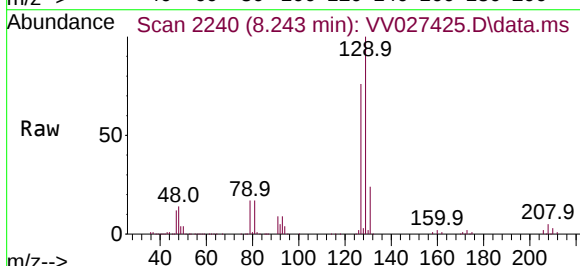
Acq: 17 Aug 2022 18:11

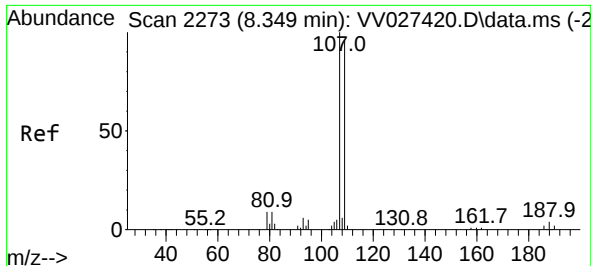
Tgt Ion: 129 Resp: 166573

Ion Ratio Lower Upper

129 100

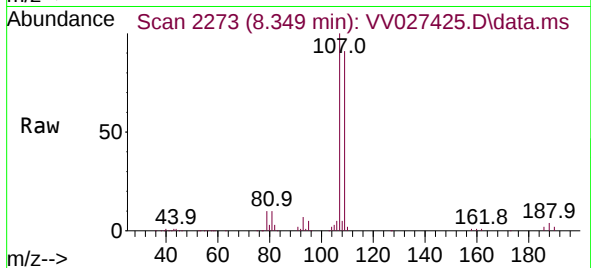
127 76.5 53.3 98.9





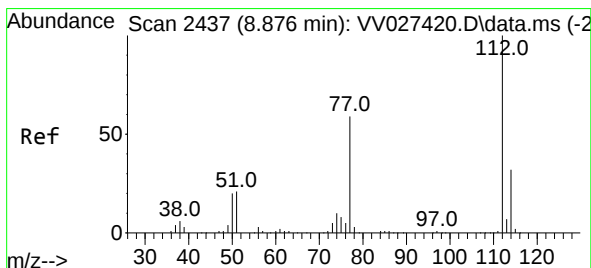
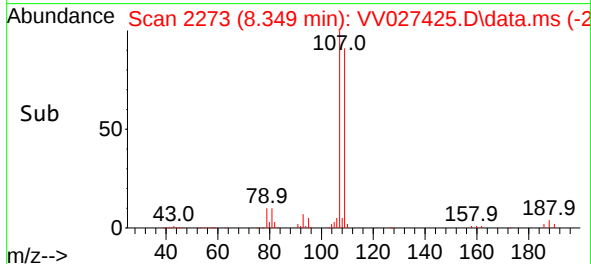
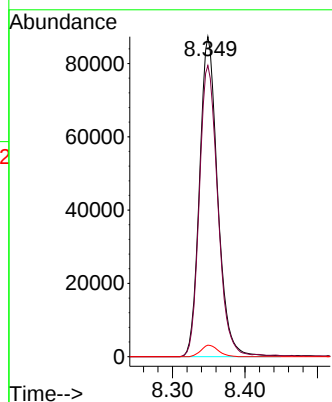
#50
 1,2-Dibromoethane
 Concen: 54.360 ug/L
 RT: 8.349 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV027425.D
 Acq: 17 Aug 2022 18:11

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:107 Resp: 151773

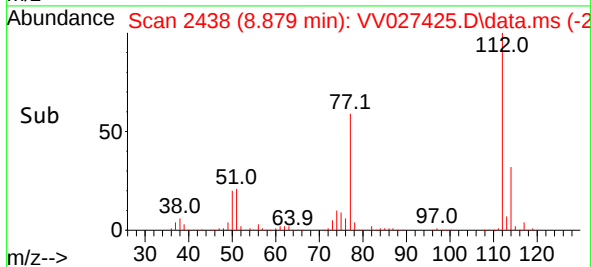
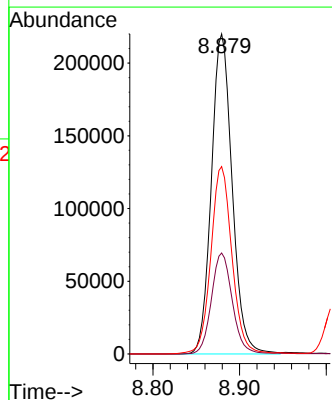
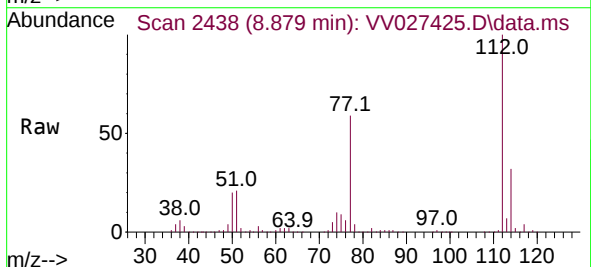
Ion	Ratio	Lower	Upper
107	100		
109	91.0	65.7	121.9
188	3.6	2.7	4.1

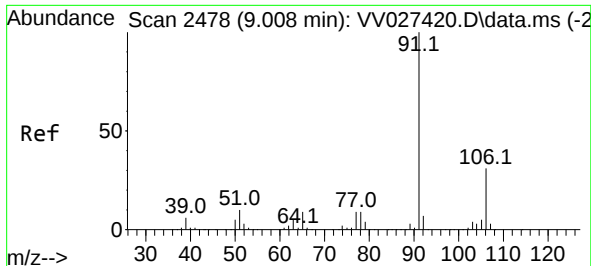


#51
 Chlorobenzene
 Concen: 53.554 ug/L
 RT: 8.879 min Scan# 2438
 Delta R.T. 0.003 min
 Lab File: VV027425.D
 Acq: 17 Aug 2022 18:11

Tgt Ion:112 Resp: 367024

Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.8	42.4
77	58.5	44.2	66.2

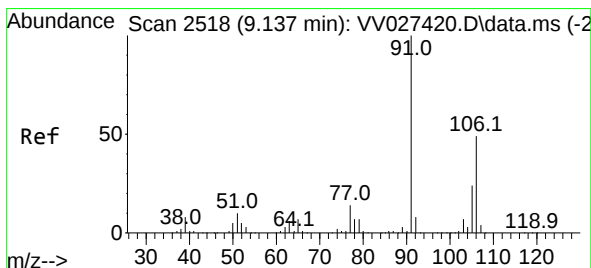
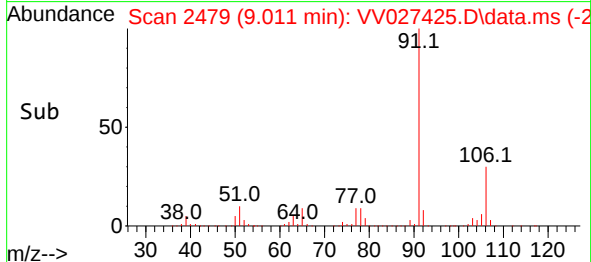
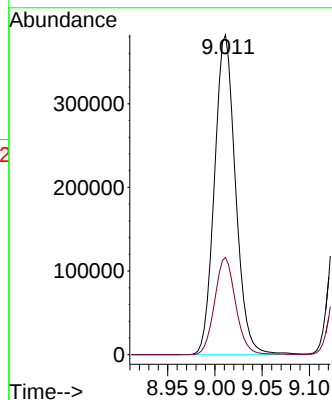
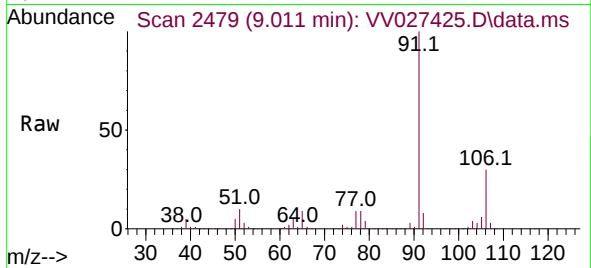




#52
Ethylbenzene
Concen: 56.059 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV027425.D
Acq: 17 Aug 2022 18:11

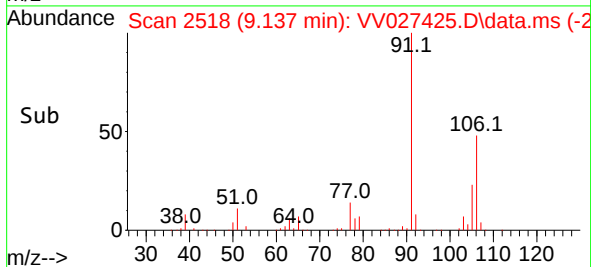
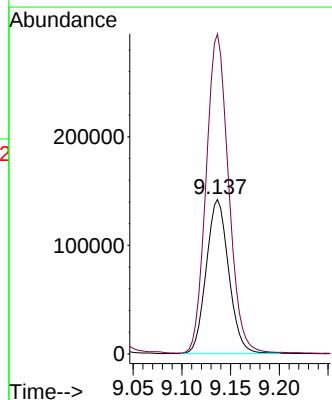
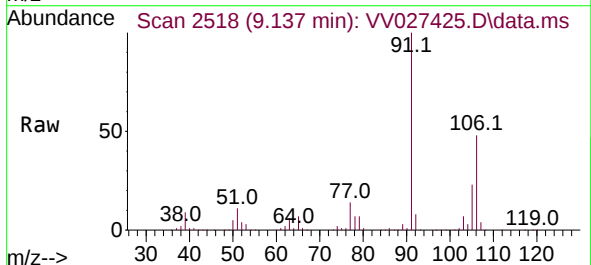
Instrument :
MSVOA_V
ClientSampleId :

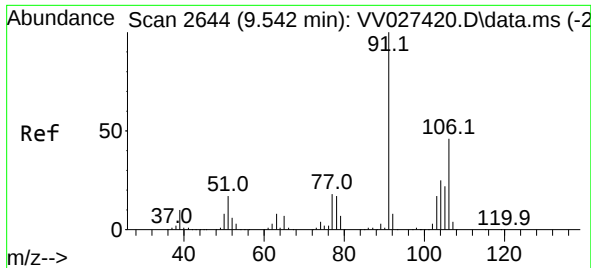
Tgt Ion: 91 Resp: 591034
Ion Ratio Lower Upper
91 100
106 30.4 21.8 40.6



#53
m,p-Xylene
Concen: 57.137 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV027425.D
Acq: 17 Aug 2022 18:11

Tgt Ion: 106 Resp: 227663
Ion Ratio Lower Upper
106 100
91 207.0 137.5 255.3

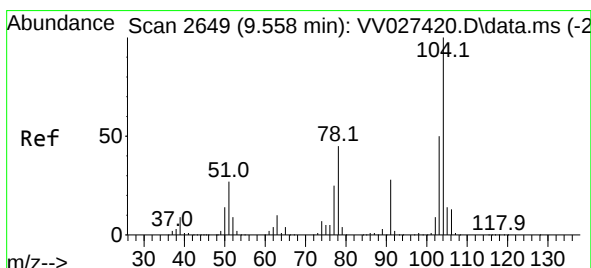
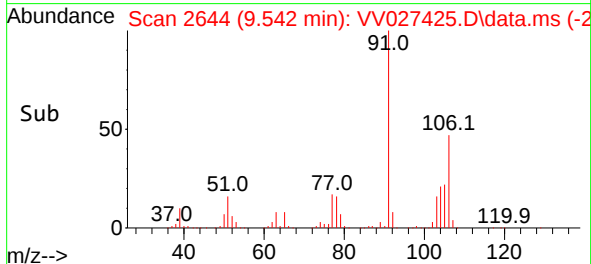
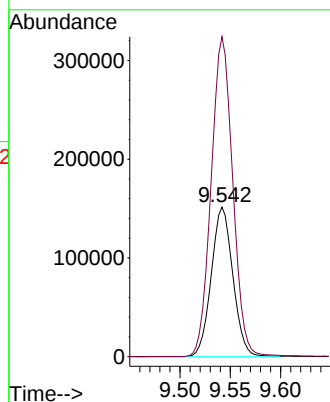
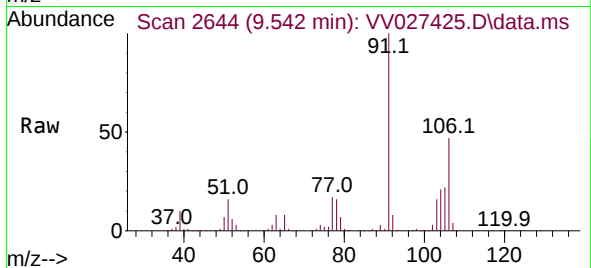




#54
o-Xylene
Concen: 58.256 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027425.D
Acq: 17 Aug 2022 18:11

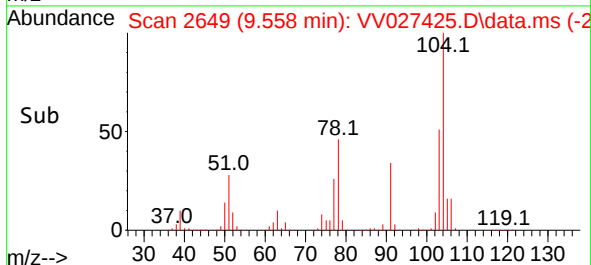
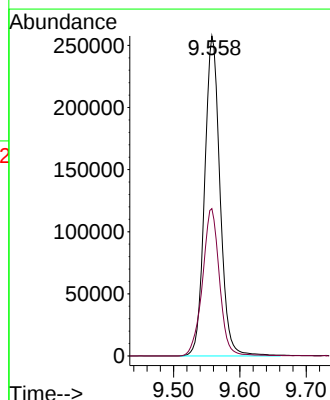
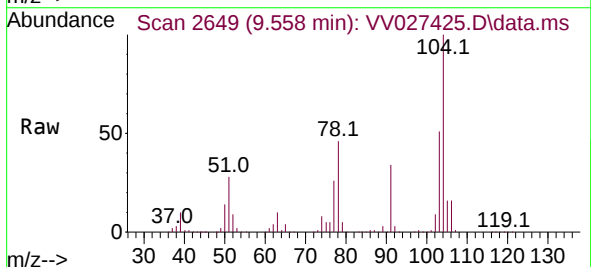
Instrument :
MSVOA_V
ClientSampleId :

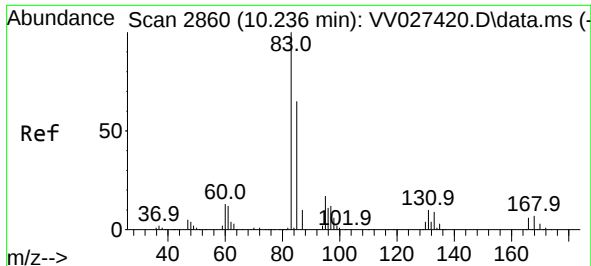
Tgt Ion:106 Resp: 226143
Ion Ratio Lower Upper
106 100
91 213.9 146.6 272.2



#55
Styrene
Concen: 60.913 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV027425.D
Acq: 17 Aug 2022 18:11

Tgt Ion:104 Resp: 416539
Ion Ratio Lower Upper
104 100
78 46.1 29.6 55.0

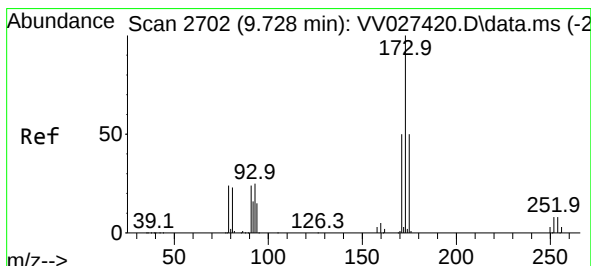
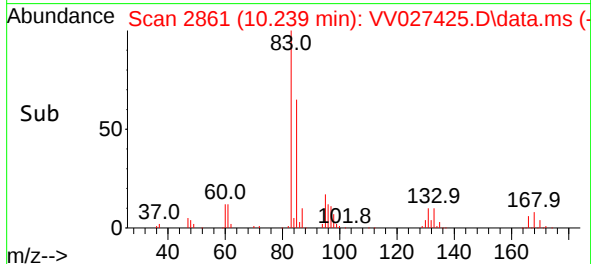
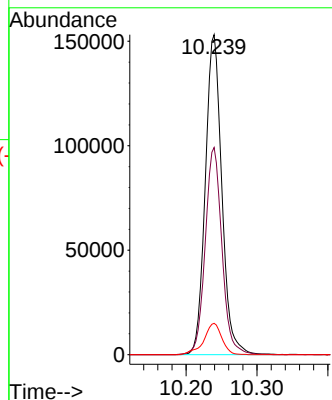
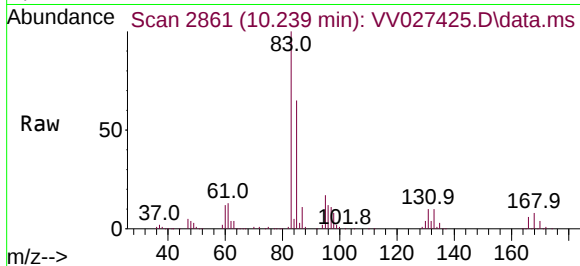




#57
1,1,2,2-Tetrachloroethane
Concen: 54.471 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.003 min
Lab File: VV027425.D
Acq: 17 Aug 2022 18:11

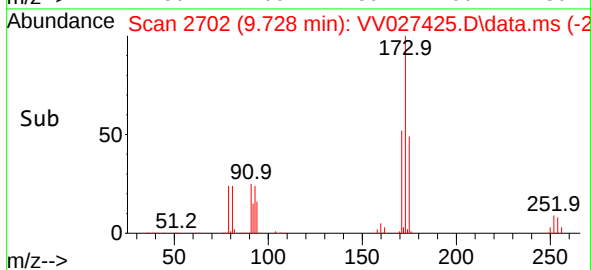
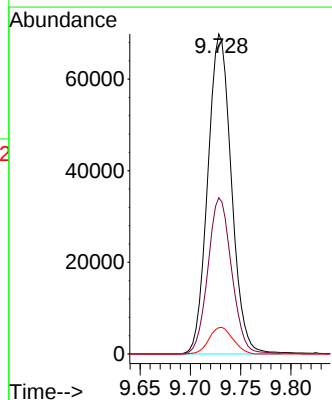
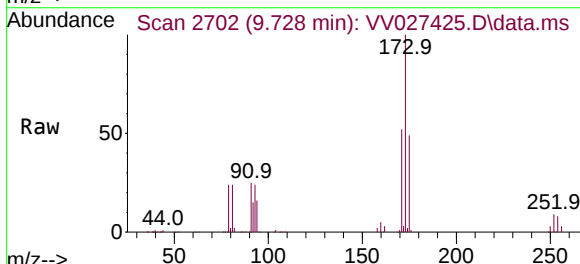
Instrument :
MSVOA_V
ClientSampleId :

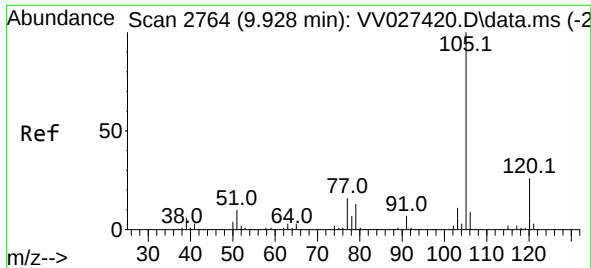
Tgt Ion: 83 Resp: 247609
Ion Ratio Lower Upper
83 100
85 64.8 45.2 84.0
131 9.8 8.1 12.1



#59
Bromoform
Concen: 51.831 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.000 min
Lab File: VV027425.D
Acq: 17 Aug 2022 18:11

Tgt Ion: 173 Resp: 114384
Ion Ratio Lower Upper
173 100
175 49.0 39.0 58.4
254 8.4 6.9 10.3

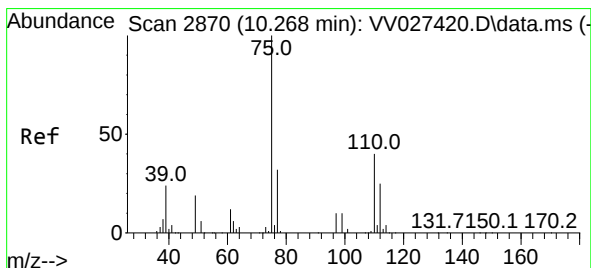
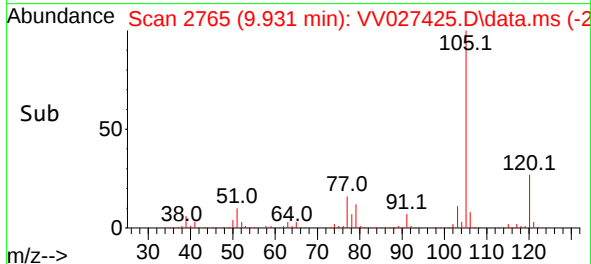
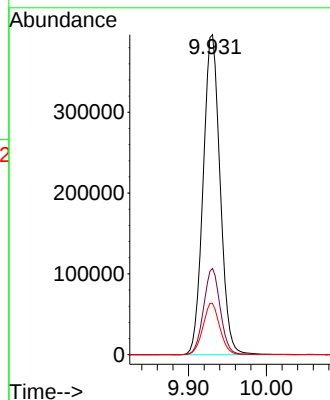
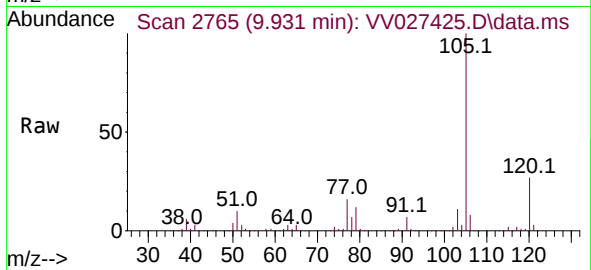




#60
Isopropylbenzene
Concen: 51.084 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027425.D
Acq: 17 Aug 2022 18:11

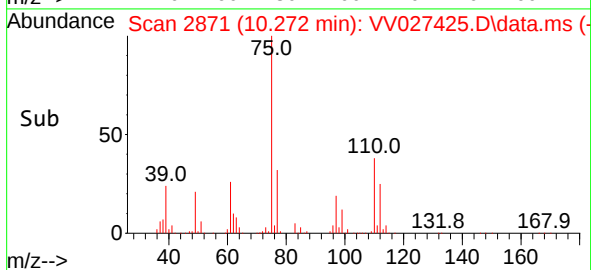
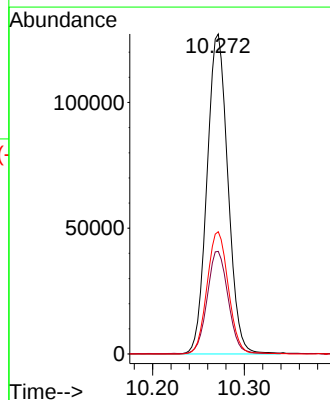
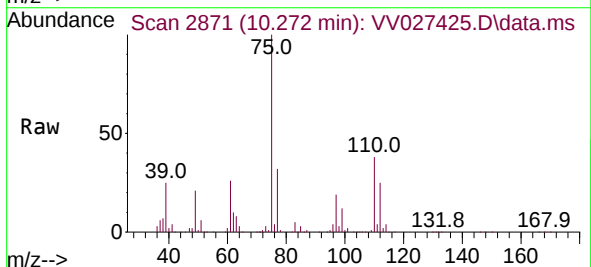
Instrument :
MSVOA_V
ClientSampleId :

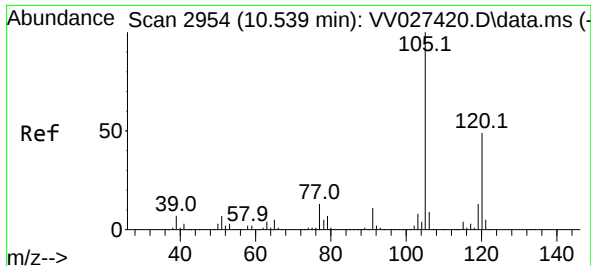
Tgt Ion:105 Resp: 597971
Ion Ratio Lower Upper
105 100
120 26.5 21.4 32.0
77 16.1 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 47.395 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV027425.D
Acq: 17 Aug 2022 18:11

Tgt Ion: 75 Resp: 202105
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.8
110 38.7 32.7 49.1





#62

1,3,5-Trimethylbenzene

Concen: 51.658 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV027425.D

Acq: 17 Aug 2022 18:11

Instrument :

MSVOA_V

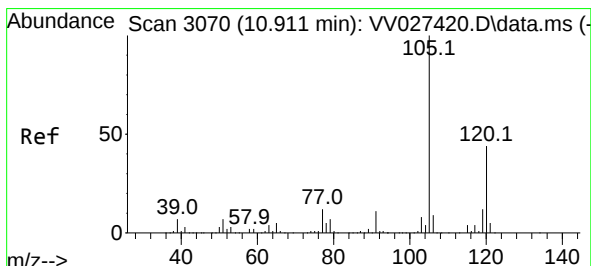
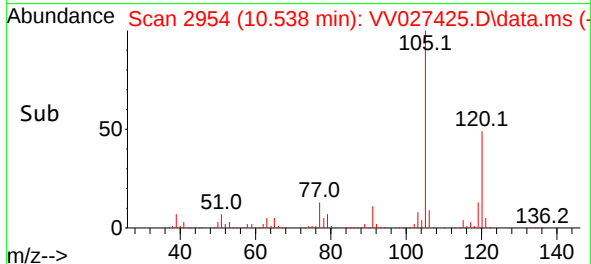
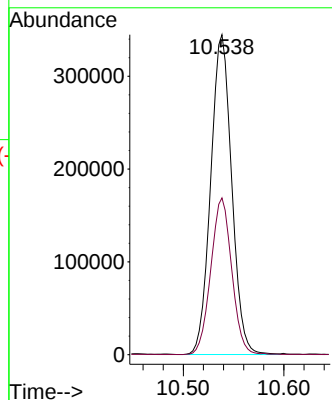
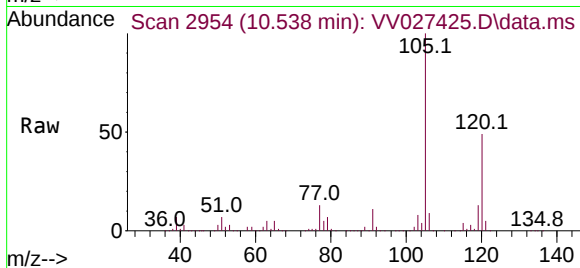
ClientSampleId :

Tgt Ion:105 Resp: 499374

Ion Ratio Lower Upper

105 100

120 48.7 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 53.632 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV027425.D

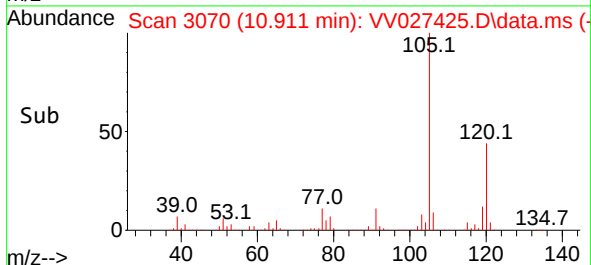
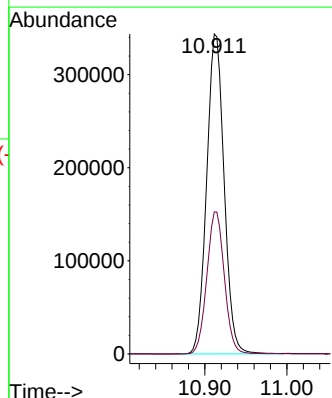
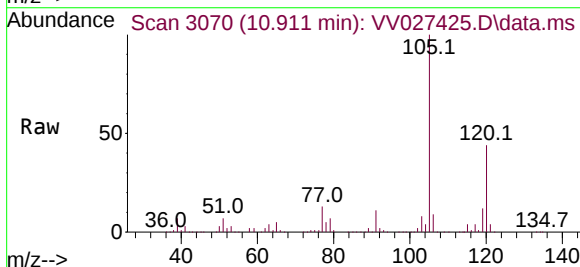
Acq: 17 Aug 2022 18:11

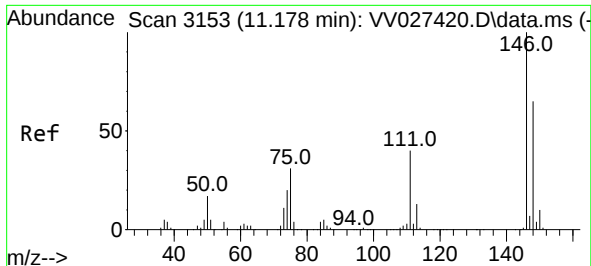
Tgt Ion:105 Resp: 507896

Ion Ratio Lower Upper

105 100

120 44.6 37.0 55.6

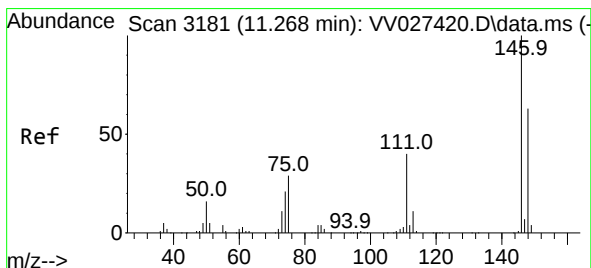
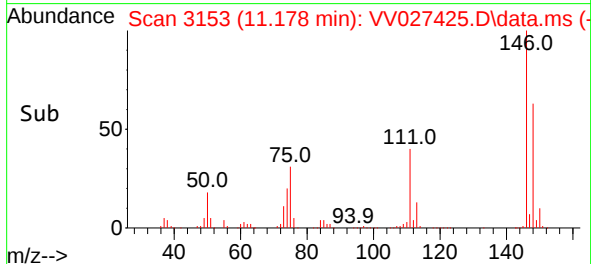
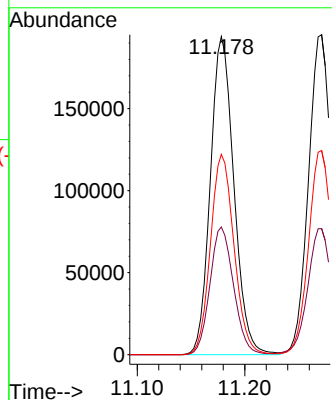
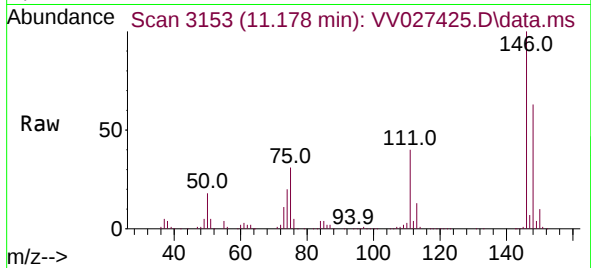




#64
1,3-Dichlorobenzene
Concen: 52.037 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV027425.D
Acq: 17 Aug 2022 18:11

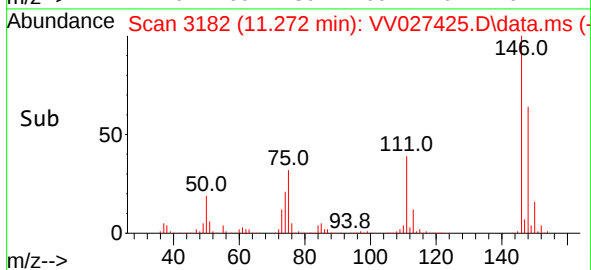
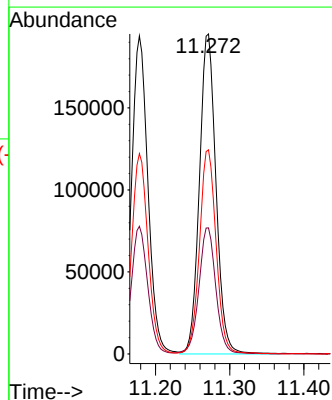
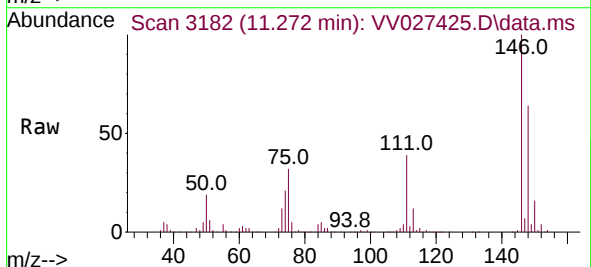
Instrument :
MSVOA_V
ClientSampleId :

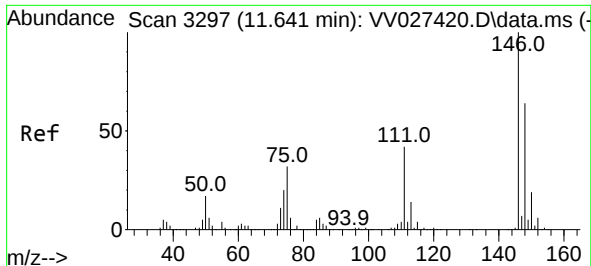
Tgt Ion:146 Resp: 295223
Ion Ratio Lower Upper
146 100
111 40.2 28.4 52.8
148 63.0 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 50.813 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV027425.D
Acq: 17 Aug 2022 18:11

Tgt Ion:146 Resp: 303390
Ion Ratio Lower Upper
146 100
111 39.4 27.4 51.0
148 63.8 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 50.827 ug/L

RT: 11.641 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV027425.D

Acq: 17 Aug 2022 18:11

Instrument :

MSVOA_V

ClientSampleId :

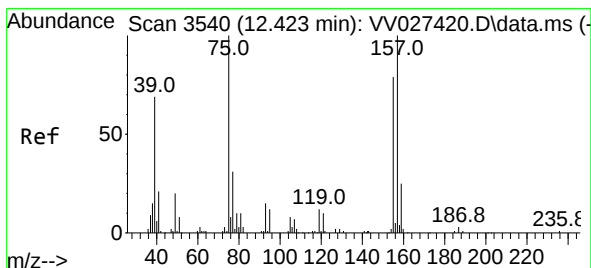
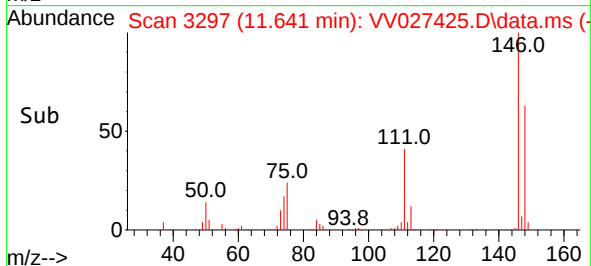
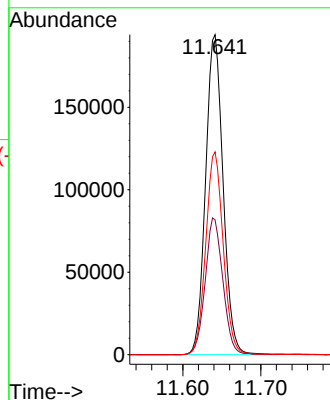
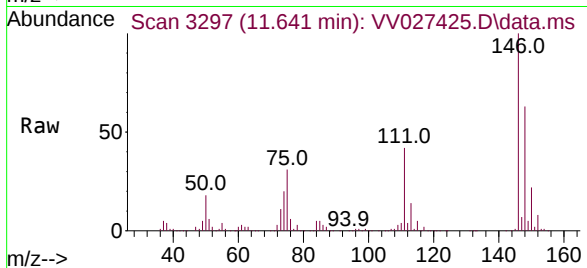
Tgt Ion:146 Resp: 302136

Ion Ratio Lower Upper

146 100

111 42.1 34.0 51.0

148 63.4 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 47.139 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.003 min

Lab File: VV027425.D

Acq: 17 Aug 2022 18:11

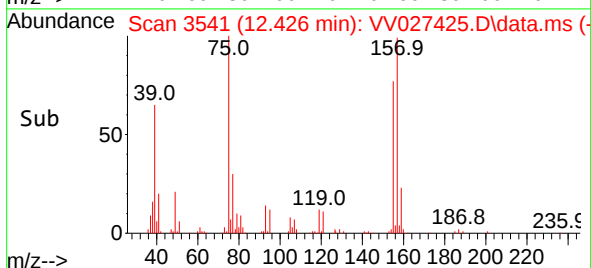
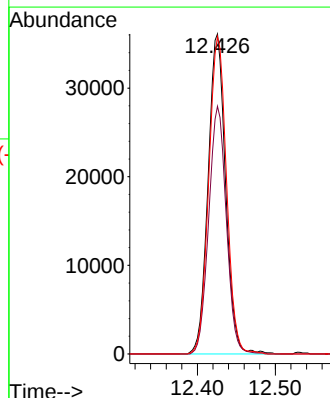
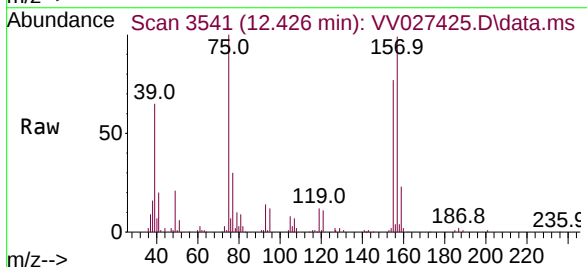
Tgt Ion: 75 Resp: 56395

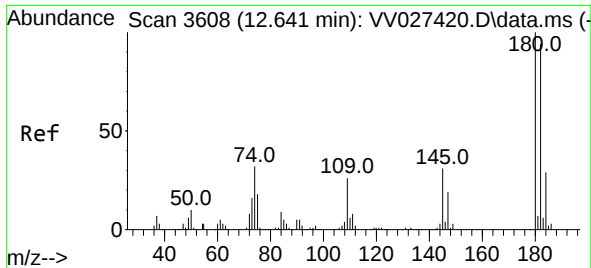
Ion Ratio Lower Upper

75 100

155 77.4 69.1 103.7

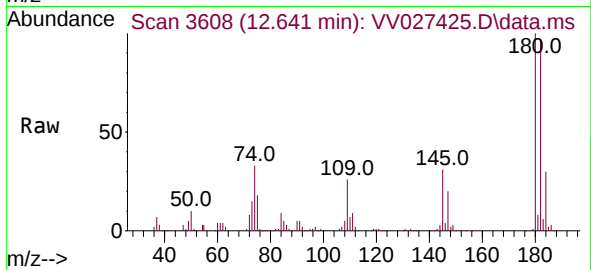
157 99.2 87.8 131.8



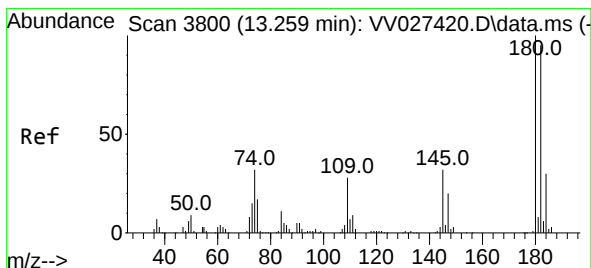
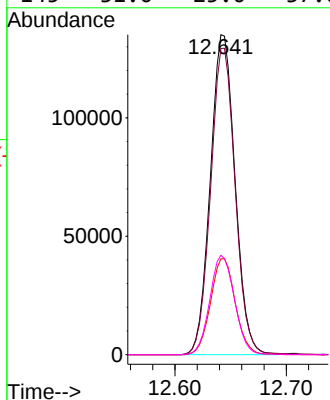
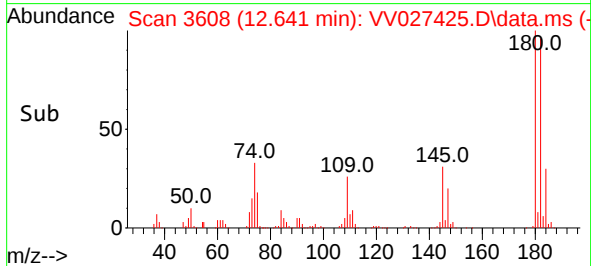


#69
 1,3,5-Trichlorobenzene
 Concen: 54.673 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. -0.000 min
 Lab File: VV027425.D
 Acq: 17 Aug 2022 18:11

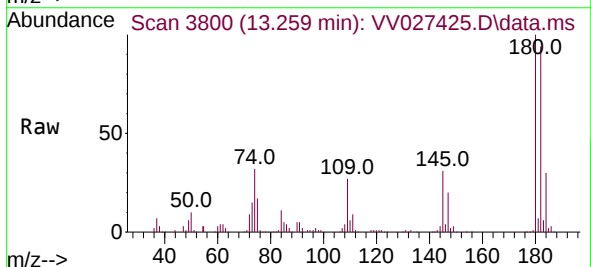
Instrument :
 MSVOA_V
 ClientSampleId :



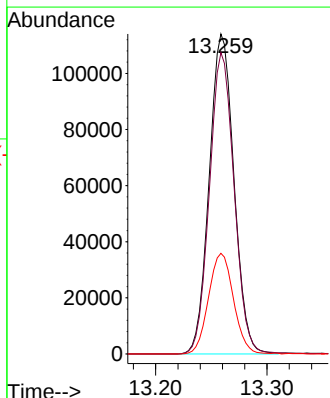
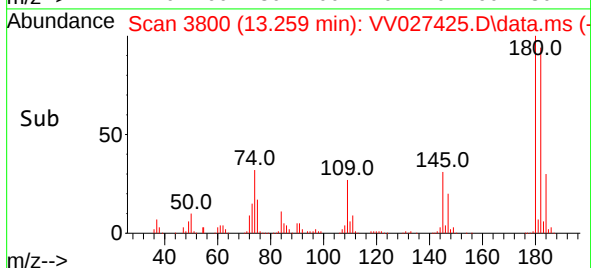
Tgt Ion:180 Resp: 208332
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.2 114.4
 184 30.0 24.8 37.2
 145 31.0 25.0 37.6

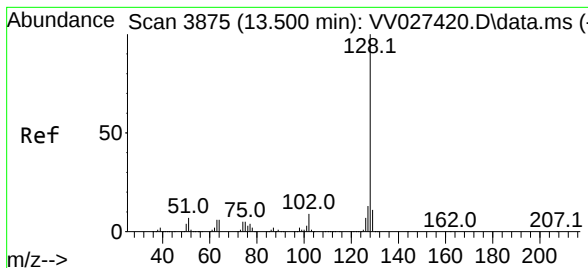


#70
 1,2,4-trichlorobenzene
 Concen: 55.549 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV027425.D
 Acq: 17 Aug 2022 18:11



Tgt Ion:180 Resp: 175802
 Ion Ratio Lower Upper
 180 100
 182 94.0 75.9 113.9
 145 31.7 24.7 37.1





#71

Naphthalene

Concen: 51.123 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV027425.D

Acq: 17 Aug 2022 18:11

Instrument :

MSVOA_V

ClientSampleId :

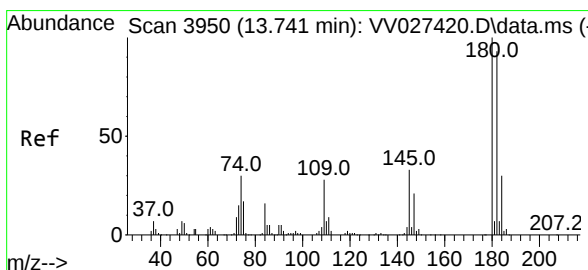
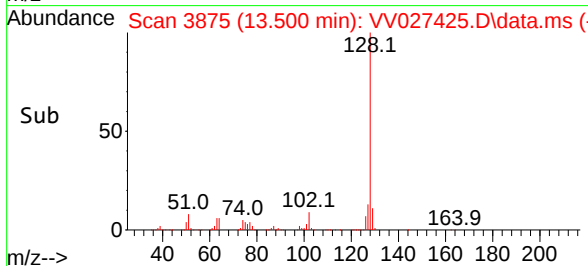
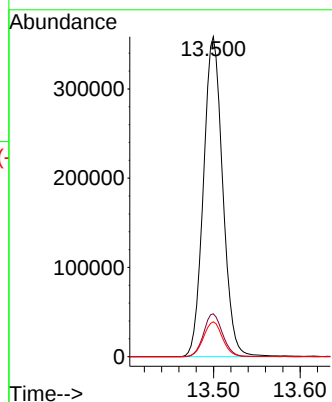
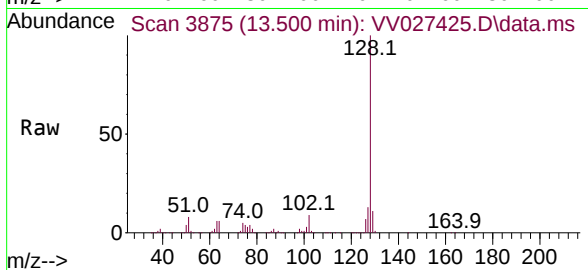
Tgt Ion:128 Resp: 554017

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 56.440 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV027425.D

Acq: 17 Aug 2022 18:11

Tgt Ion:180 Resp: 197988

Ion Ratio Lower Upper

180 100

182 96.2 76.3 114.5

145 33.6 27.4 41.0

