

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091922\
 Data File : VW027932.D
 Acq On : 19 Sep 2022 17:20
 Operator : SY/MD
 Sample : VSTD01043
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010243

Quant Time: Sep 20 01:26:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 20 01:24:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	123715	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	124328	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	70914	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	100014	11.735	ug/L	0.00
7) Chloroethane-d5	1.561	69	86017	11.892	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	159155	9.424	ug/L	0.00
20) 2-Butanone-d5	3.879	46	184605	104.953	ug/L	0.00
24) Chloroform-d	4.342	84	169771	10.217	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	74412	8.714	ug/L	0.00
32) Benzene-d6	5.043	84	330514	9.591	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	103473	10.347	ug/L	0.00
41) Toluene-d8	7.310	98	307118	10.570	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	37580	10.877	ug/L	0.00
46) 2-Hexanone-d5	8.085	63	183382	135.013	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	83644	12.185	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	120239	10.434	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	91332	7.838	ug/L	99
3) Chloromethane	1.236	50	88247	8.178	ug/L	99
5) Vinyl chloride	1.304	62	100075	9.144	ug/L	98
6) Bromomethane	1.516	94	68046	10.782	ug/L	96
8) Chloroethane	1.581	64	67072	10.379	ug/L	98
9) Trichlorofluoromethane	1.748	101	149527	8.498	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	94825	10.562	ug/L	98
12) 1,1-Dichloroethene	2.111	96	85471	10.284	ug/L	97
13) Acetone	2.175	43	102081	78.667	ug/L	98
14) Carbon disulfide	2.288	76	165901	7.162	ug/L	100
15) Methyl Acetate	2.433	43	26386	7.894	ug/L	96
16) Methylene chloride	2.500	84	89674	8.307	ug/L	94
17) Methyl tert-butyl Ether	2.764	73	165543	8.836	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	78702	9.130	ug/L	86
19) 1,1-Dichloroethane	3.182	63	151586	9.337	ug/L	97
21) 2-Butanone	3.963	43	164702	90.289	ug/L	100
22) cis-1,2-Dichloroethene	3.902	96	93415	9.961	ug/L	97
23) Bromochloromethane	4.240	128	41723	10.406	ug/L	97
25) Chloroform	4.365	83	163951	9.271	ug/L	95
27) 1,2-Dichloroethane	5.127	62	79300	7.698	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	136199	7.709	ug/L	98
30) Cyclohexane	4.670	56	105041	7.374	ug/L	97
31) Carbon tetrachloride	4.822	117	121743	8.048	ug/L	97
33) Benzene	5.092	78	342150	8.753	ug/L	100
34) Trichloroethene	5.908	95	84894	8.800	ug/L	98
35) Methylcyclohexane	6.127	83	127328	8.702	ug/L	99
37) 1,2-Dichloropropane	6.169	63	90170	9.669	ug/L	98
38) Bromodichloromethane	6.503	83	115574	9.376	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	123994	10.250	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	422128	98.951	ug/L	98
42) Toluene	7.384	91	383529	9.991	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	101750	10.057	ug/L	100

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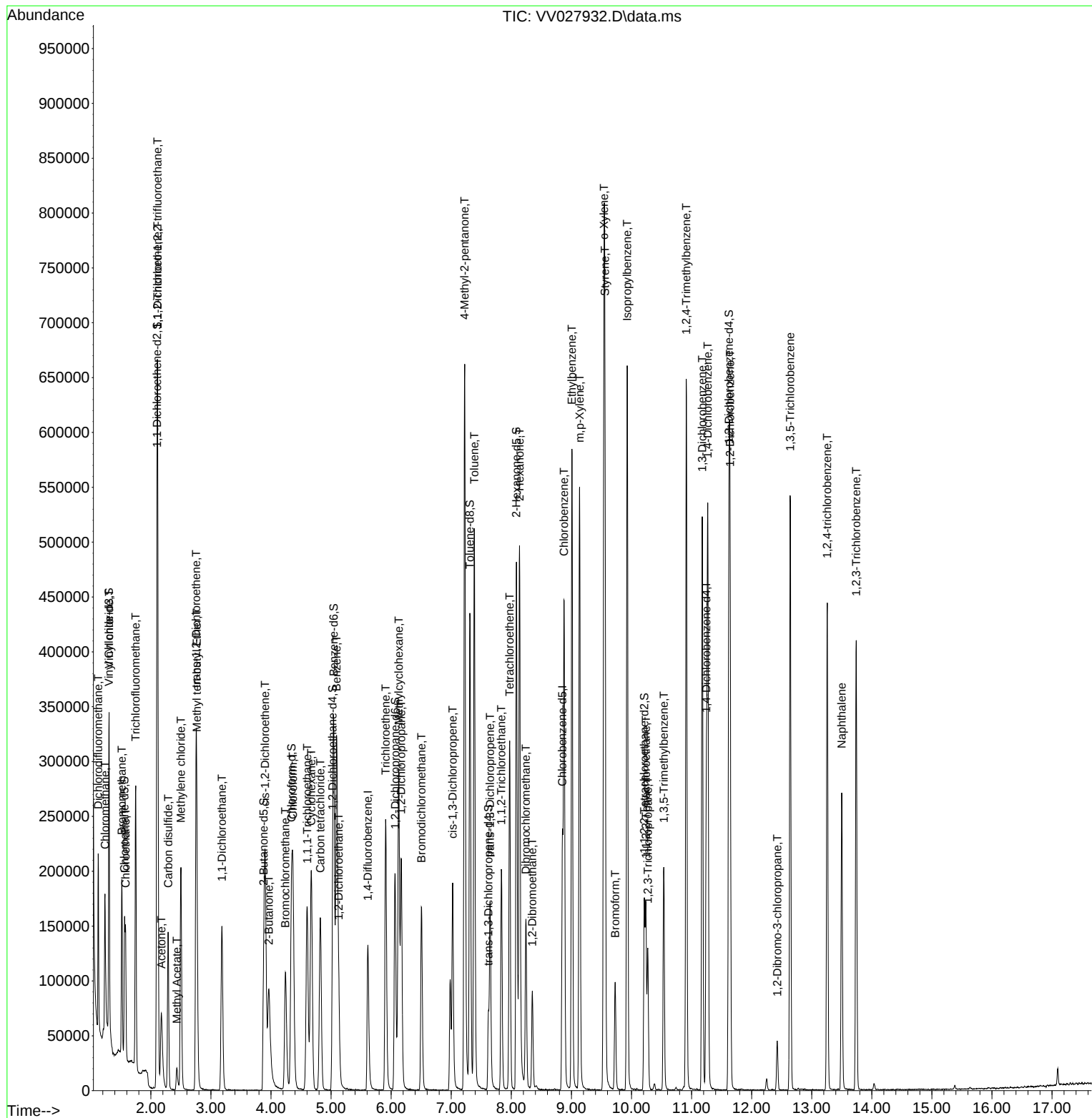
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.834	97	65614	10.489	ug/L	97
47) Tetrachloroethene	7.973	164	74566	9.305	ug/L	93
48) 2-Hexanone	8.137	43	293400	96.180	ug/L	98
49) Dibromochloromethane	8.243	129	81222	10.237	ug/L	95
50) 1,2-Dibromoethane	8.349	107	58506	10.287	ug/L	94
51) Chlorobenzene	8.879	112	252780	10.004	ug/L	98
52) Ethylbenzene	9.008	91	403382	10.049	ug/L	98
53) m,p-Xylene	9.136	106	163848	10.387	ug/L	97
54) o-Xylene	9.542	106	159064	10.540	ug/L	99
55) Styrene	9.558	104	283504	10.822	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	82121	11.442	ug/L	97
59) Bromoform	9.728	173	45266	10.494	ug/L #	98
60) Isopropylbenzene	9.927	105	424980	9.914	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	52682	9.504	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	111004	9.229	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	340565	9.860	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	219884	9.922	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	218194	9.764	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	203837	10.090	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	10701	8.896	ug/L #	77
69) 1,3,5-Trichlorobenzene	12.641	180	172691	10.106	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	139528	10.163	ug/L	99
71) Naphthalene	13.500	128	215043	9.864	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	126372	10.307	ug/L	96

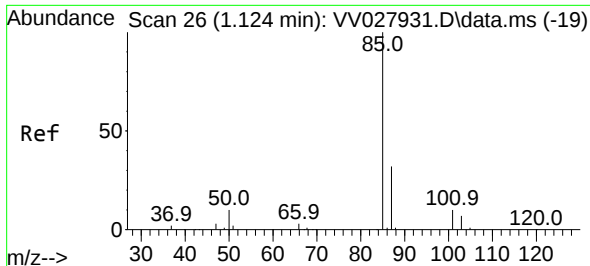
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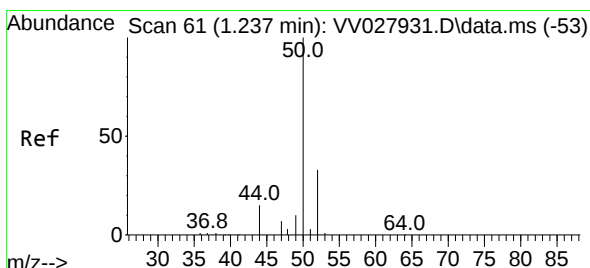
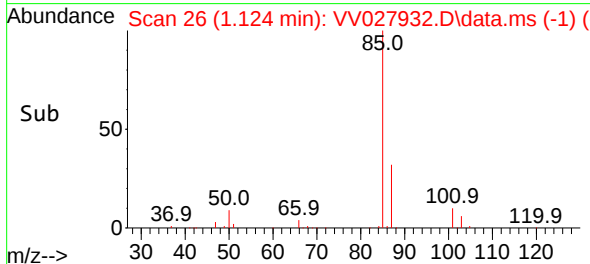
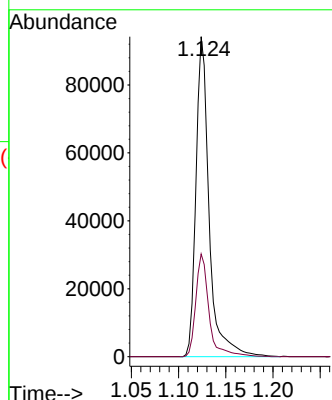
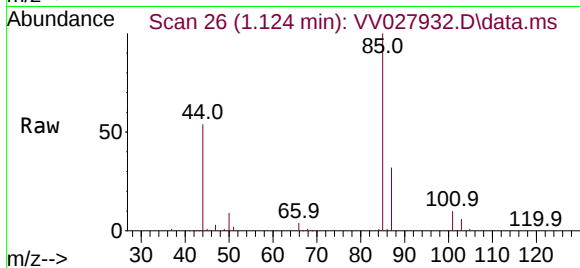




#2
 Dichlorodifluoromethane
 Concen: 7.838 ug/L
 RT: 1.124 min Scan# 26
 Delta R.T. -0.000 min
 Lab File: VV027932.D
 Acq: 19 Sep 2022 17:20

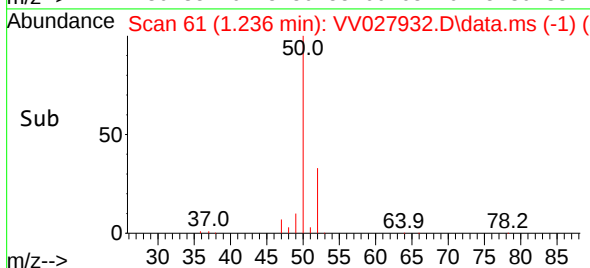
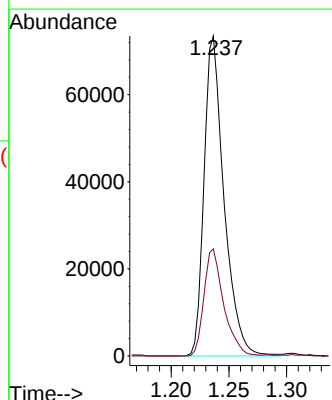
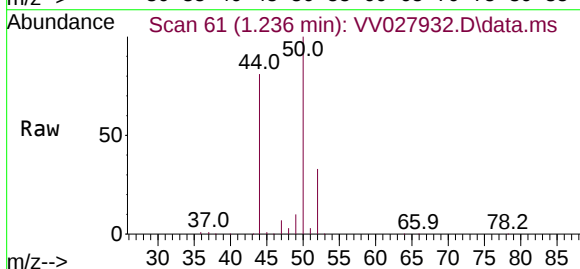
Instrument :
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 ClientSampleId :
 VSTD010243

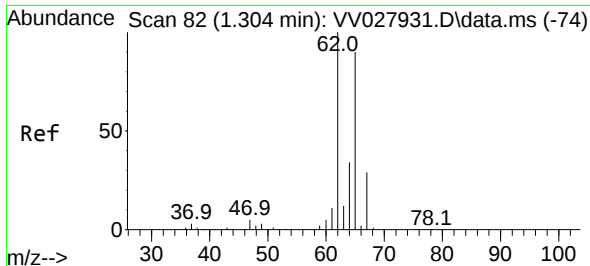
Tgt Ion: 85 Resp: 91332
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.5 39.7



#3
 Chloromethane
 Concen: 8.178 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV027932.D
 Acq: 19 Sep 2022 17:20

Tgt Ion: 50 Resp: 88247
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.0 42.8

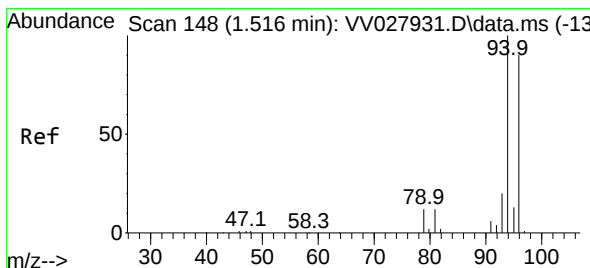
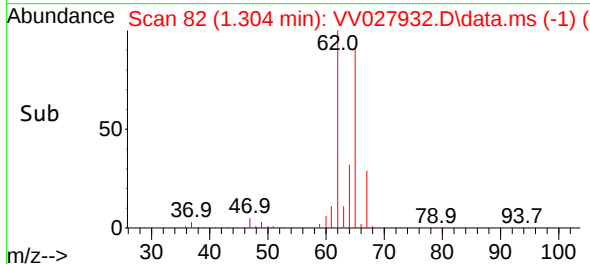
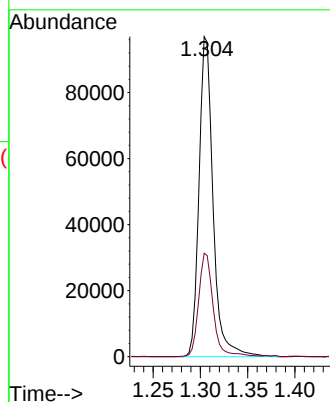
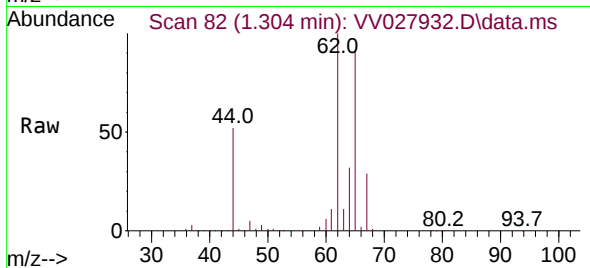




#5
 Vinyl chloride
 Concen: 9.144 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV027932.D
 Acq: 19 Sep 2022 17:20

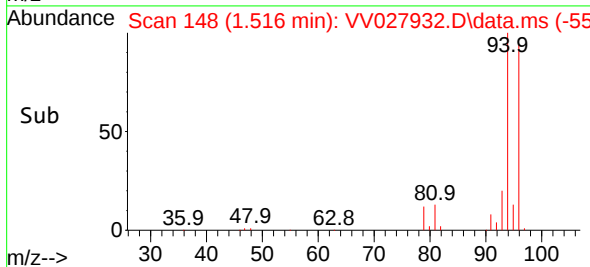
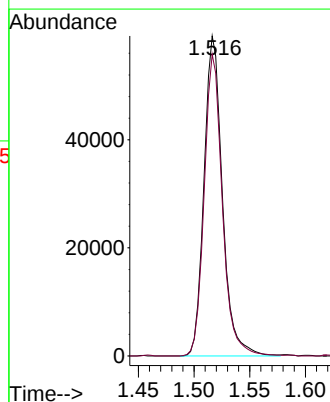
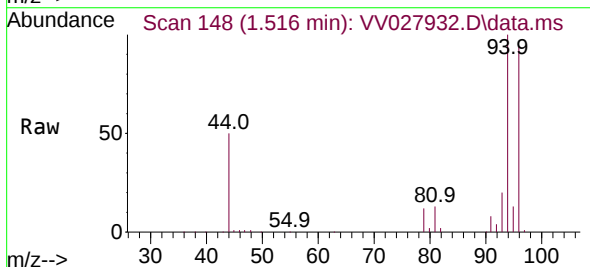
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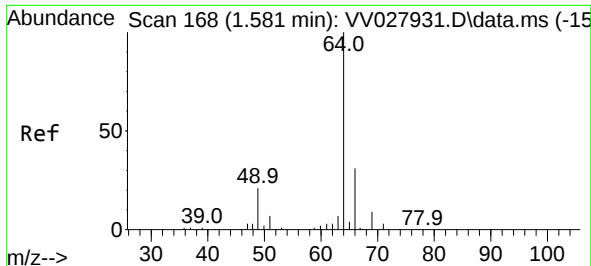
Tgt Ion: 62 Resp: 100075
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.4 43.6



#6
 Bromomethane
 Concen: 10.782 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV027932.D
 Acq: 19 Sep 2022 17:20

Tgt Ion: 94 Resp: 68046
 Ion Ratio Lower Upper
 94 100
 96 94.3 63.1 117.3

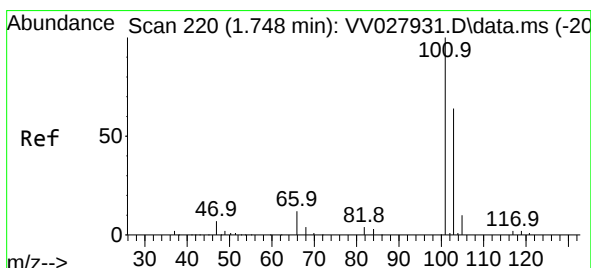
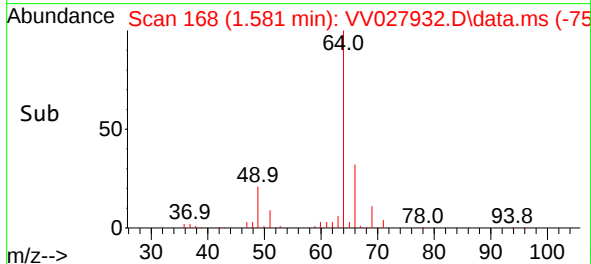
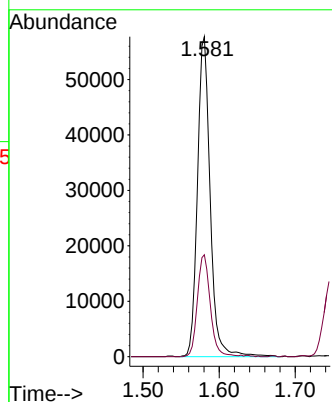
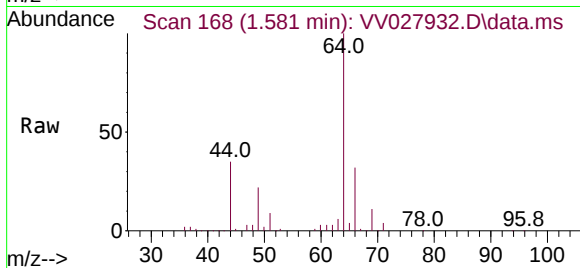




#8
Chloroethane
Concen: 10.379 ug/L
RT: 1.581 min Scan# 168
Delta R.T. -0.000 min
Lab File: VV027932.D
Acq: 19 Sep 2022 17:20

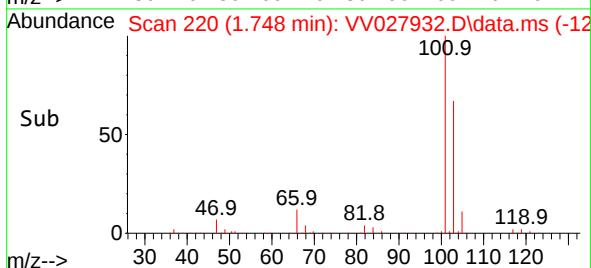
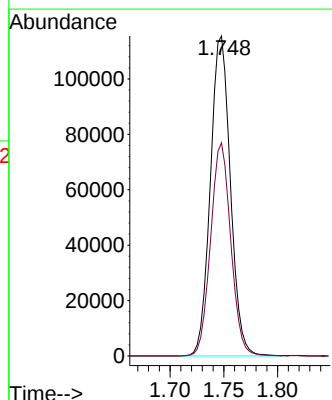
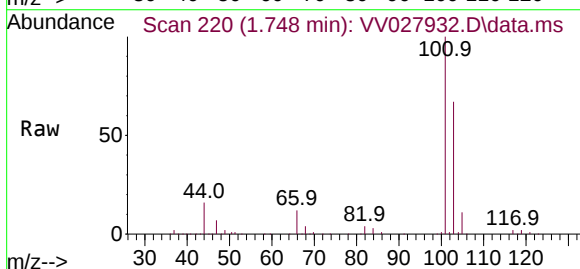
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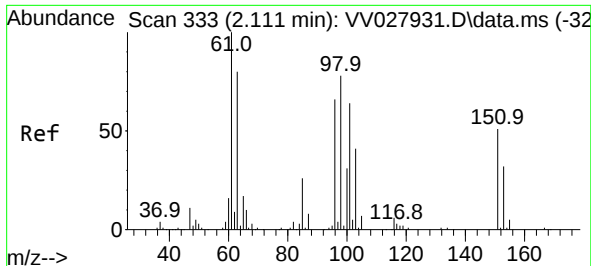
Tgt Ion: 64 Resp: 67072
Ion Ratio Lower Upper
64 100
66 31.9 21.6 40.2



#9
Trichlorofluoromethane
Concen: 8.498 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV027932.D
Acq: 19 Sep 2022 17:20

Tgt Ion:101 Resp: 149527
Ion Ratio Lower Upper
101 100
103 67.1 51.7 77.5





#10

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

Concen: 10.562 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.000 min

Lab File: VV027932.D

Acq: 19 Sep 2022 17:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD010243

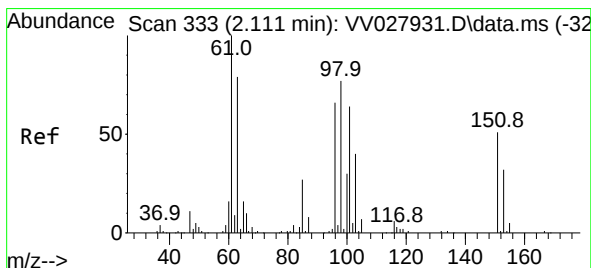
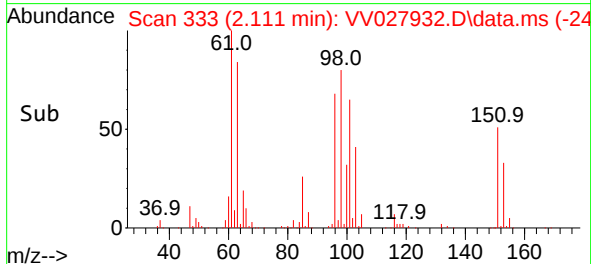
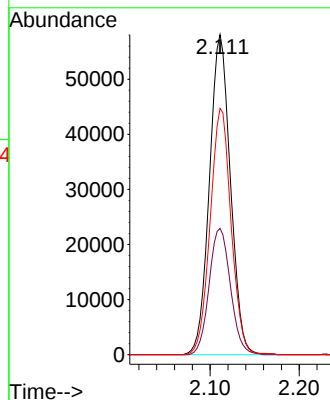
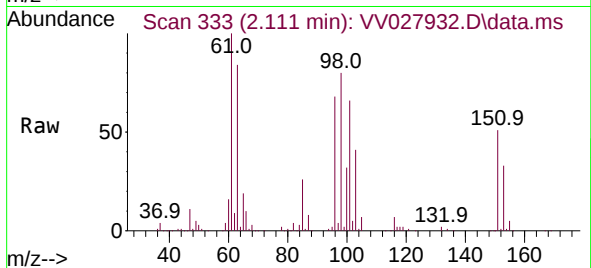
Tgt Ion:101 Resp: 94825

Ion Ratio Lower Upper

101 100

85 40.1 33.6 50.4

151 77.0 62.9 94.3



#12

1,1-Dichloroethene

Concen: 10.284 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.000 min

Lab File: VV027932.D

Acq: 19 Sep 2022 17:20

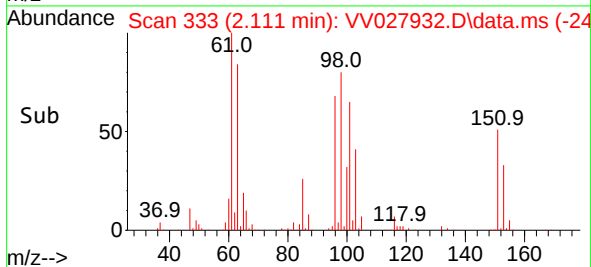
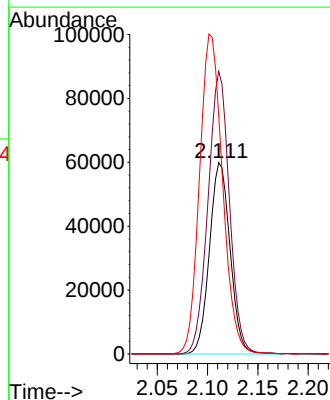
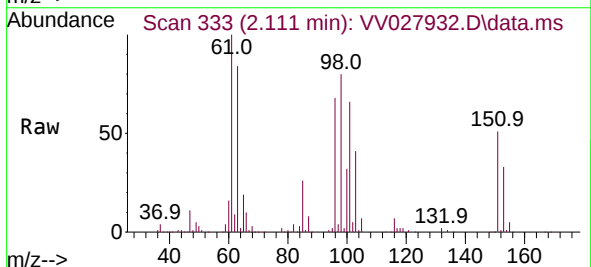
Tgt Ion: 96 Resp: 85471

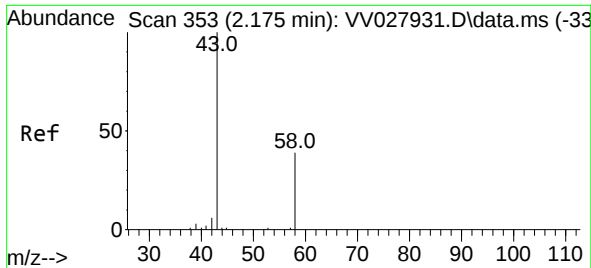
Ion Ratio Lower Upper

96 100

61 147.7 106.2 197.2

63 124.5 85.0 158.0





#13

Acetone

Concen: 78.667 ug/L

RT: 2.175 min Scan# 353

Delta R.T. -0.000 min

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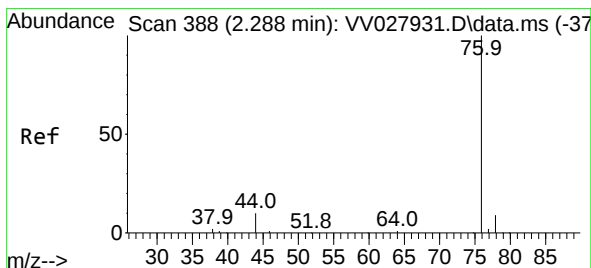
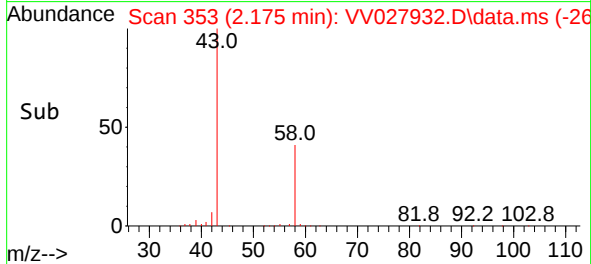
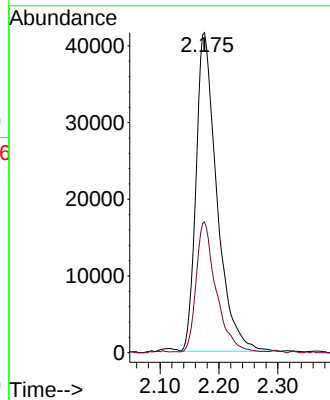
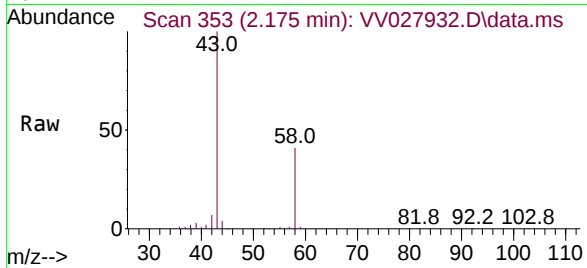
VSTD010243

Tgt Ion: 43 Resp: 102081

Ion Ratio Lower Upper

43 100

58 38.9 0.0 79.8



#14

Carbon disulfide

Concen: 7.162 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.000 min

Lab File: VV027932.D

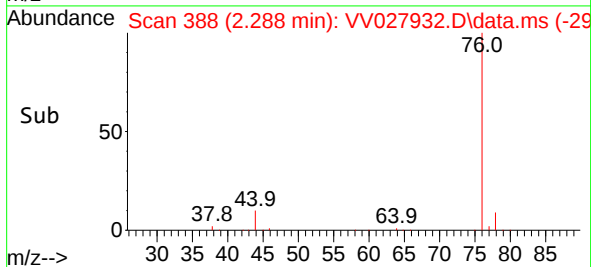
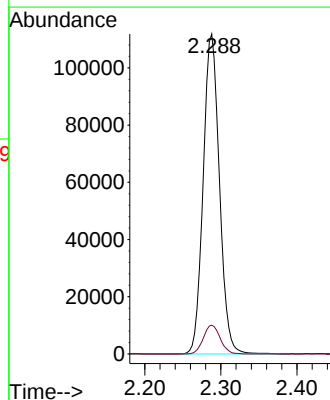
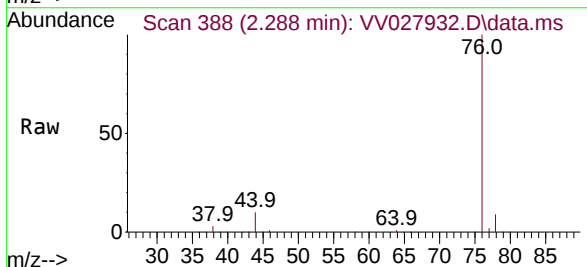
Acq: 19 Sep 2022 17:20

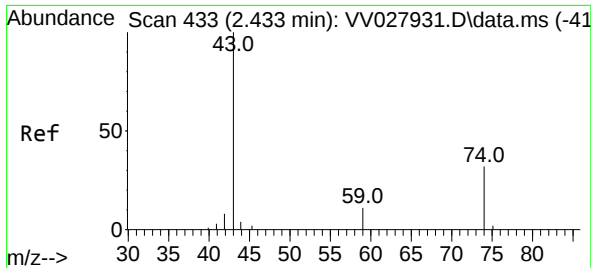
Tgt Ion: 76 Resp: 165901

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

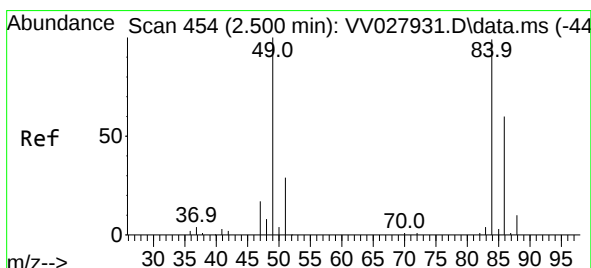
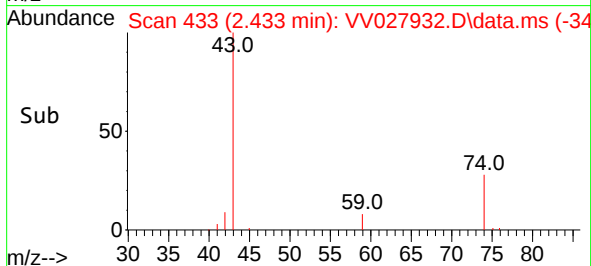
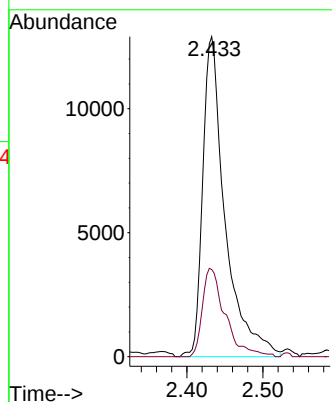
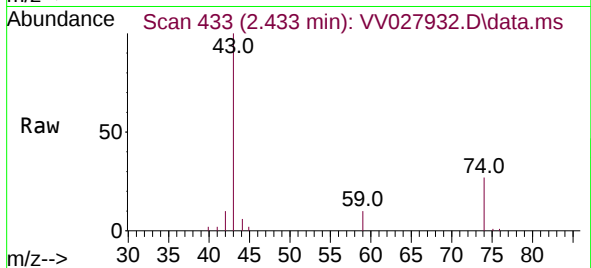




#15
Methyl Acetate
Concen: 7.894 ug/L
RT: 2.433 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV027932.D
Acq: 19 Sep 2022 17:20

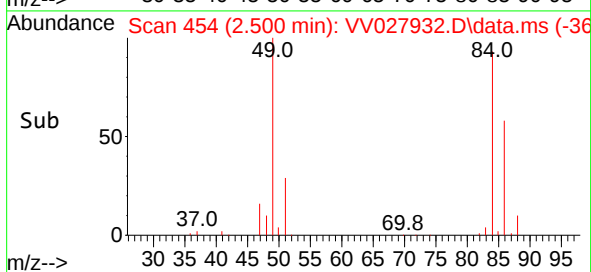
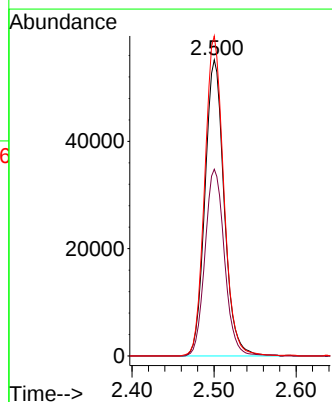
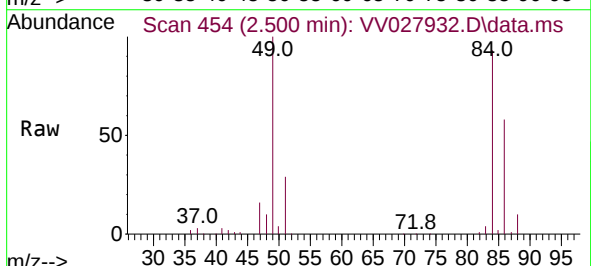
Instrument :
MSVOA_V
ClientSampleId :
VSTD010243

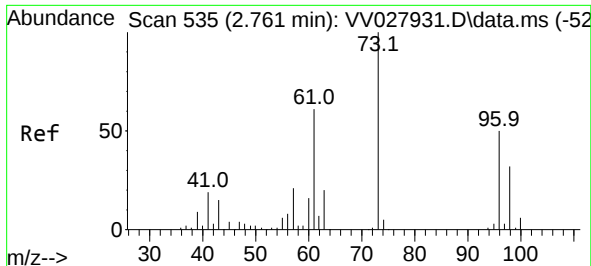
Tgt Ion: 43 Resp: 26386
Ion Ratio Lower Upper
43 100
74 28.1 24.2 36.4



#16
Methylene chloride
Concen: 8.307 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.000 min
Lab File: VV027932.D
Acq: 19 Sep 2022 17:20

Tgt Ion: 84 Resp: 89674
Ion Ratio Lower Upper
84 100
86 63.1 42.4 78.6
49 108.0 70.7 131.3

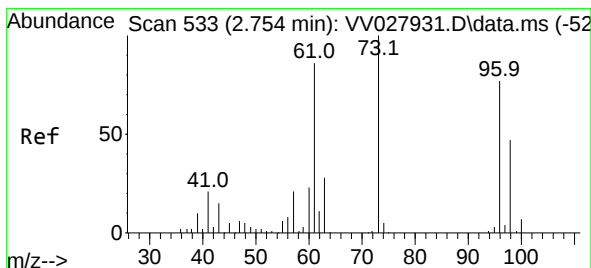
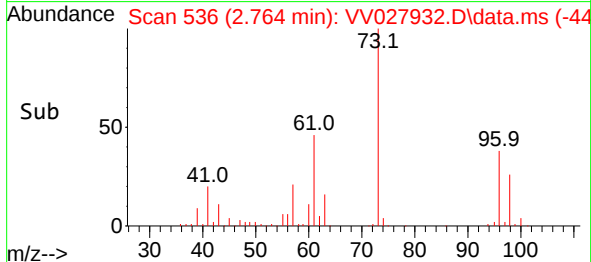
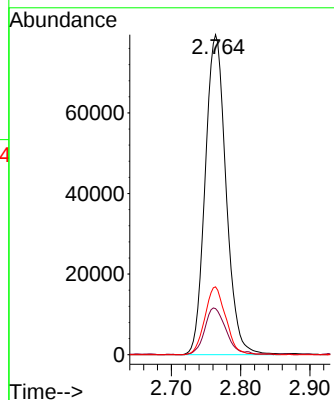
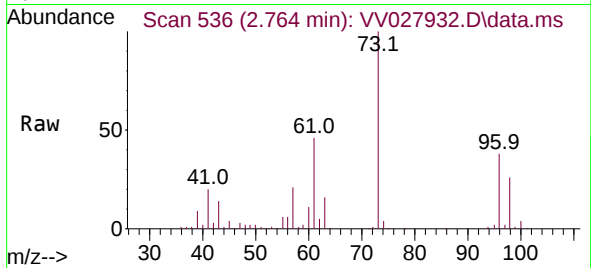




#17
Methyl tert-butyl Ether
Concen: 8.836 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027932.D
Acq: 19 Sep 2022 17:20

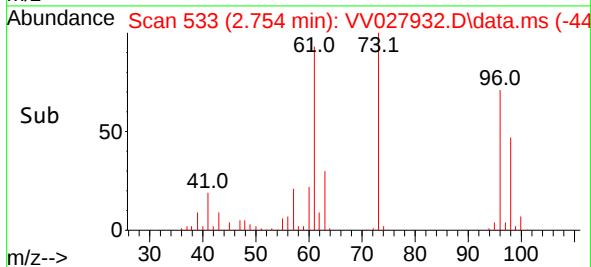
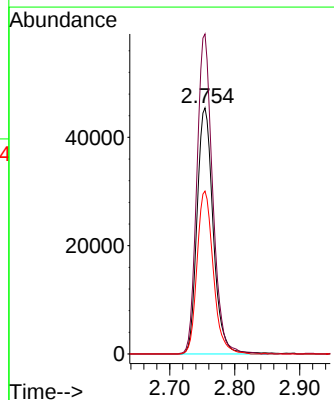
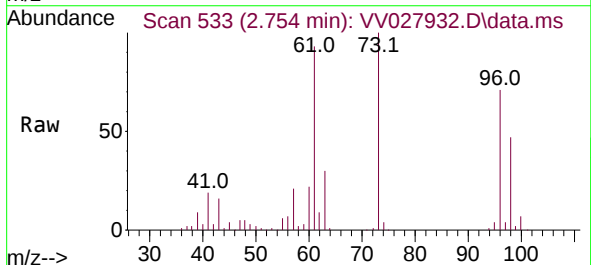
Instrument :
MSVOA_V
ClientSampleId :
VSTD010243

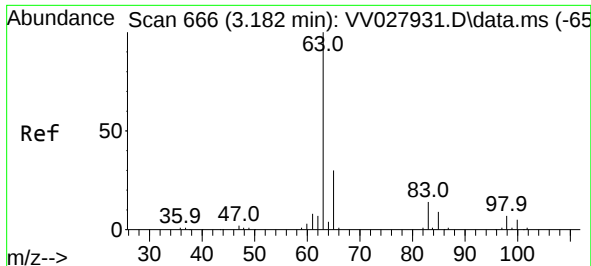
Tgt Ion: 73 Resp: 165543
Ion Ratio Lower Upper
73 100
43 14.7 12.4 18.6
57 21.3 16.6 25.0



#18
trans-1,2-Dichloroethene
Concen: 9.130 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.000 min
Lab File: VV027932.D
Acq: 19 Sep 2022 17:20

Tgt Ion: 96 Resp: 78702
Ion Ratio Lower Upper
96 100
61 130.0 78.3 145.5
98 66.2 42.4 78.6





#19

1,1-Dichloroethane

Concen: 9.337 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV027932.D

Acq: 19 Sep 2022 17:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD010243

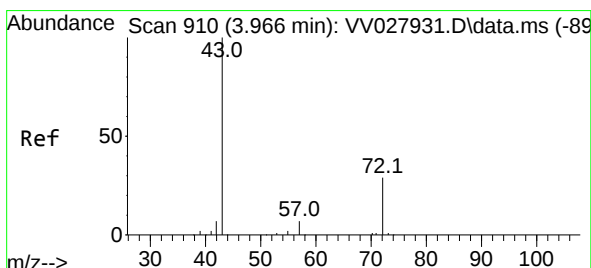
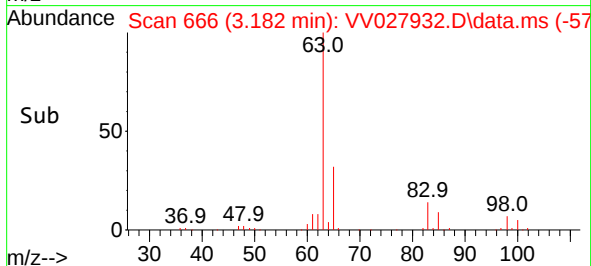
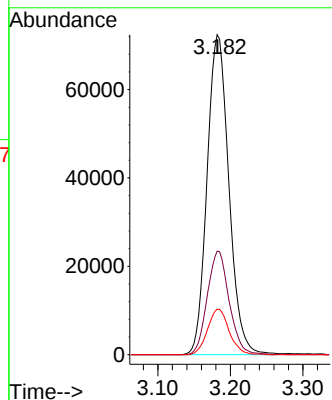
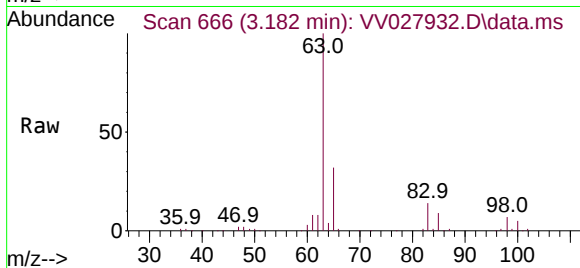
Tgt Ion: 63 Resp: 151586

Ion Ratio Lower Upper

63 100

65 32.3 21.3 39.6

83 14.2 9.7 18.1



#21

2-Butanone

Concen: 90.289 ug/L

RT: 3.963 min Scan# 909

Delta R.T. -0.003 min

Lab File: VV027932.D

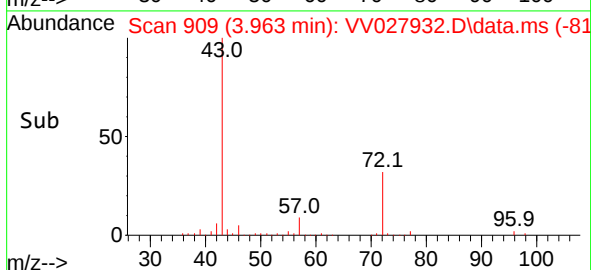
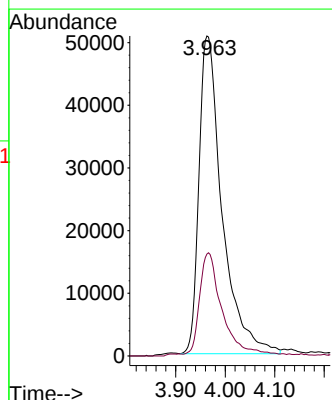
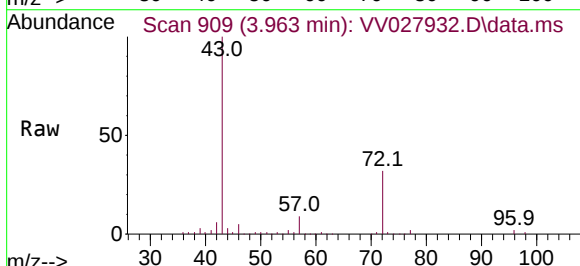
Acq: 19 Sep 2022 17:20

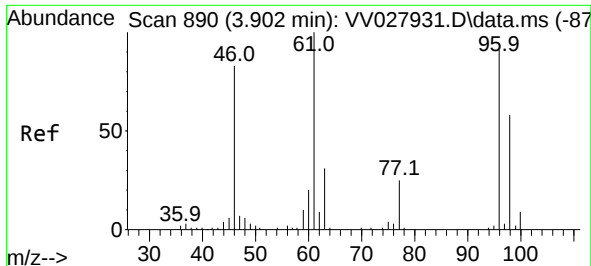
Tgt Ion: 43 Resp: 164702

Ion Ratio Lower Upper

43 100

72 29.9 14.9 44.9

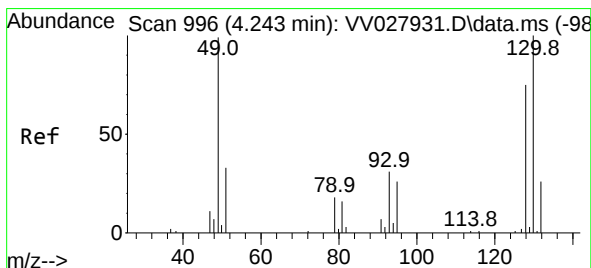
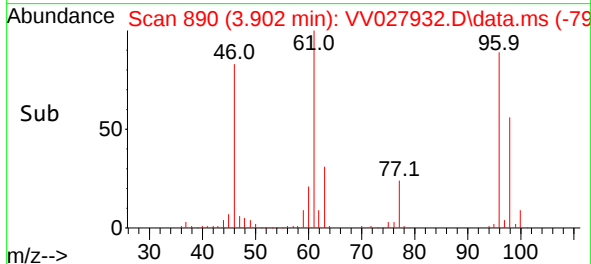
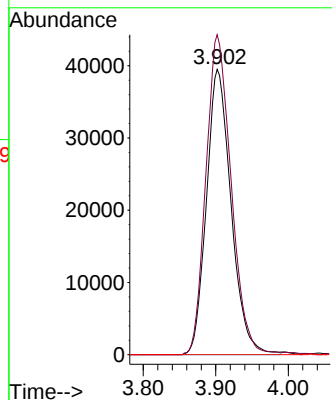
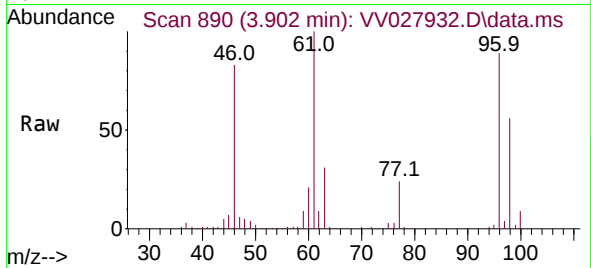




#22
 cis-1,2-Dichloroethene
 Concen: 9.961 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. -0.000 min
 Lab File: VV027932.D
 Acq: 19 Sep 2022 17:20

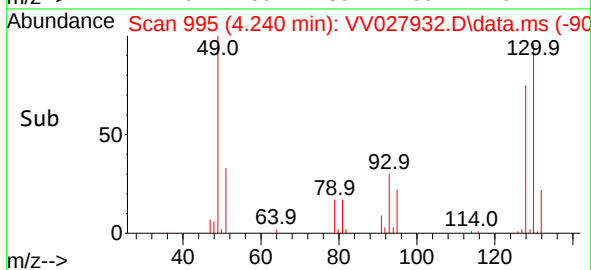
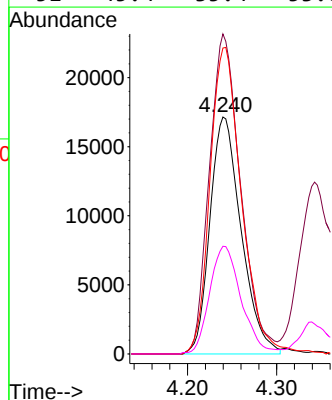
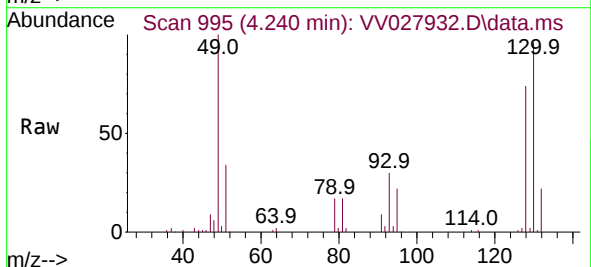
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010243

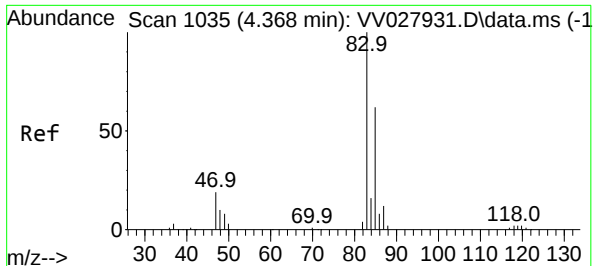
Tgt Ion: 96 Resp: 93415
 Ion Ratio Lower Upper
 96 100
 61 112.2 76.6 142.3
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 10.406 ug/L
 RT: 4.240 min Scan# 995
 Delta R.T. -0.003 min
 Lab File: VV027932.D
 Acq: 19 Sep 2022 17:20

Tgt Ion: 128 Resp: 41723
 Ion Ratio Lower Upper
 128 100
 49 135.0 93.4 173.6
 130 129.1 93.9 174.5
 51 45.4 35.4 53.0





#25

Chloroform

Concen: 9.271 ug/L

RT: 4.365 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VV027932.D

Acq: 19 Sep 2022 17:20

Instrument :

MSVOA_V

ClientSampleId :

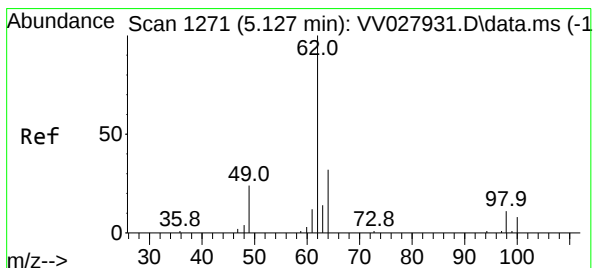
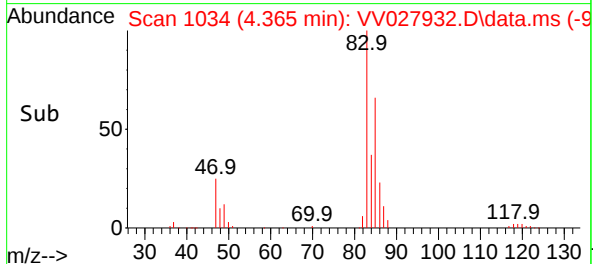
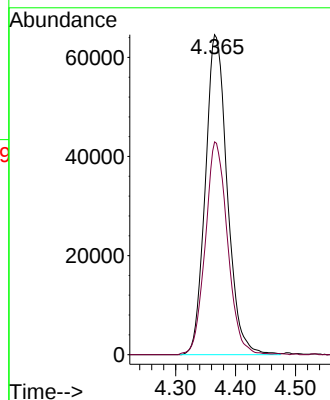
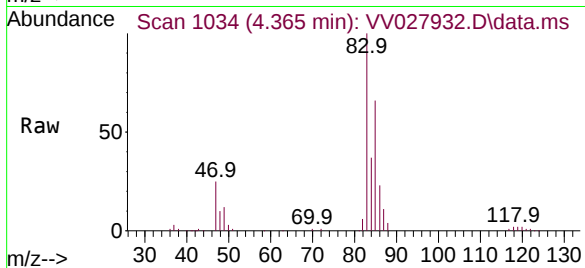
VSTD010243

Tgt Ion: 83 Resp: 163951

Ion Ratio Lower Upper

83 100

85 66.5 44.0 81.8



#27

1,2-Dichloroethane

Concen: 7.698 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.000 min

Lab File: VV027932.D

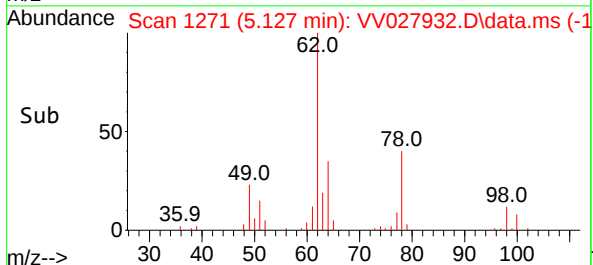
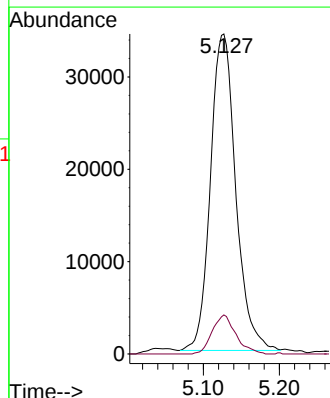
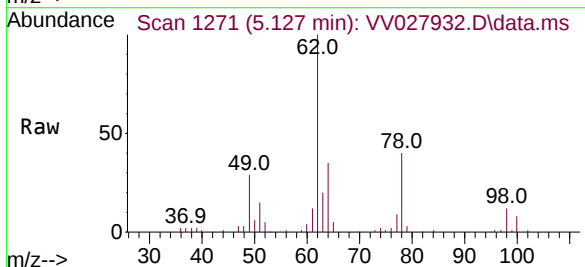
Acq: 19 Sep 2022 17:20

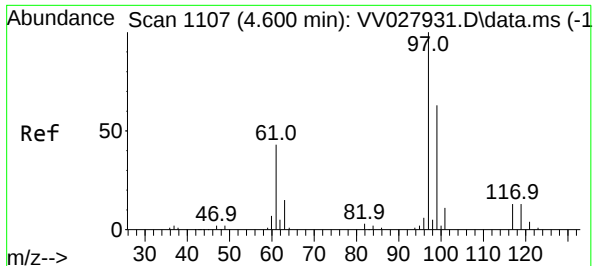
Tgt Ion: 62 Resp: 79300

Ion Ratio Lower Upper

62 100

98 12.2 8.7 13.1





#29

1,1,1-Trichloroethane

Concen: 7.709 ug/L

RT: 4.603 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV027932.D

Acq: 19 Sep 2022 17:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD010243

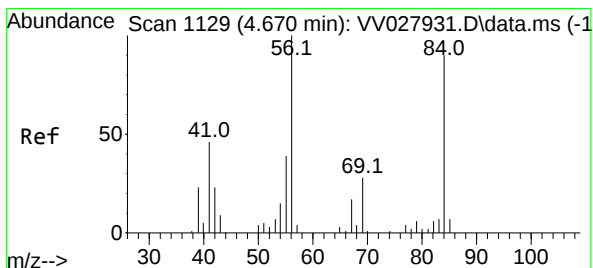
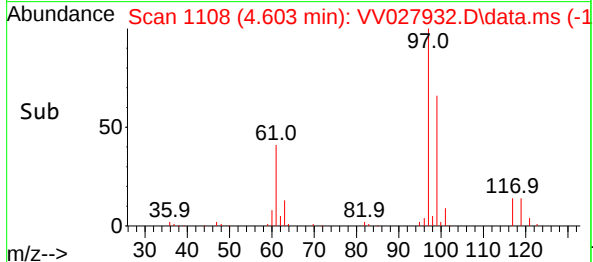
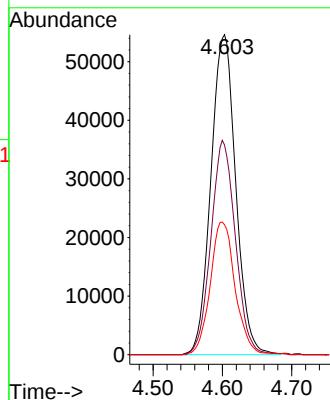
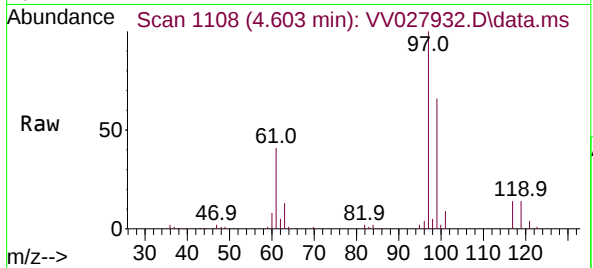
Tgt Ion: 97 Resp: 136199

Ion Ratio Lower Upper

97 100

99 66.1 51.3 76.9

61 41.6 33.6 50.4



#30

Cyclohexane

Concen: 7.374 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VV027932.D

Acq: 19 Sep 2022 17:20

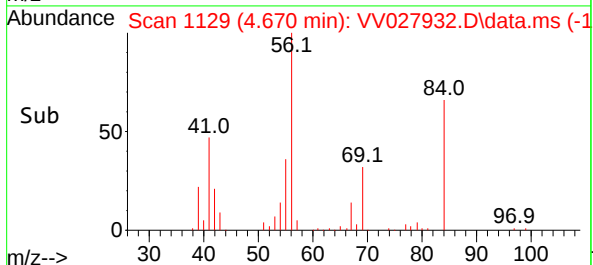
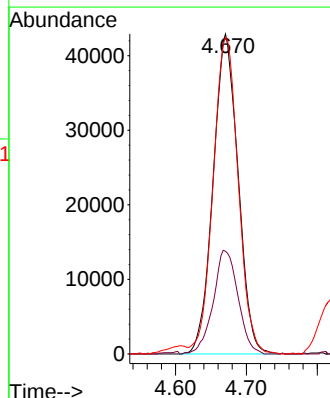
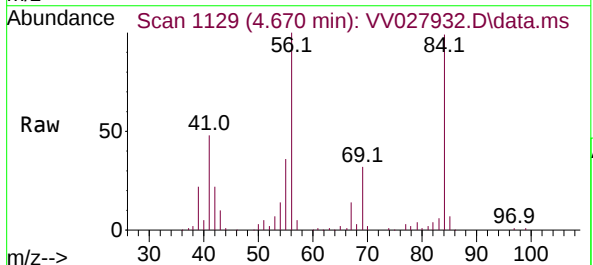
Tgt Ion: 56 Resp: 105041

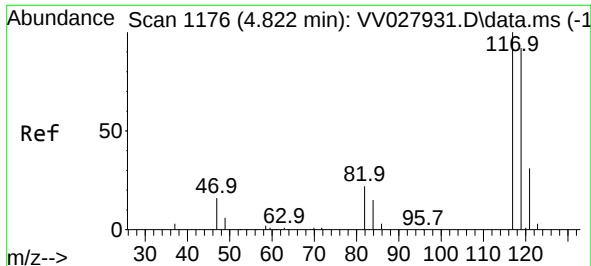
Ion Ratio Lower Upper

56 100

69 32.2 24.2 36.2

84 99.4 76.9 115.3

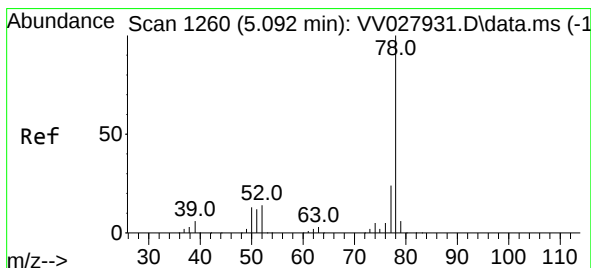
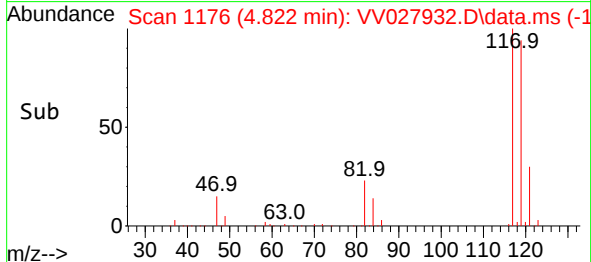
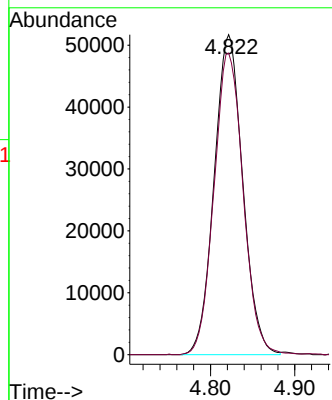
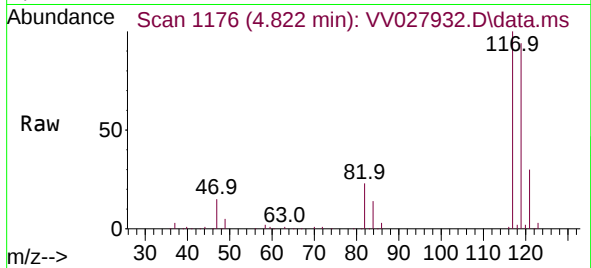




#31
Carbon tetrachloride
Concen: 8.048 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VV027932.D
Acq: 19 Sep 2022 17:20

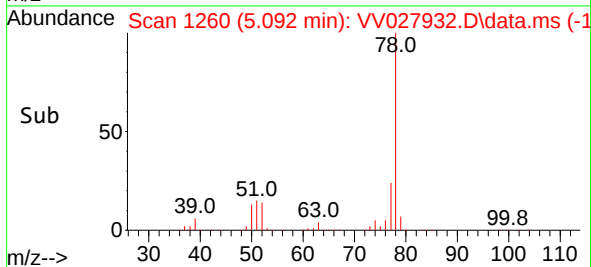
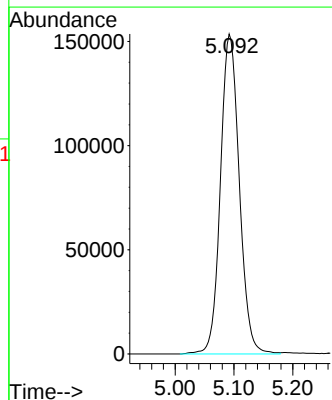
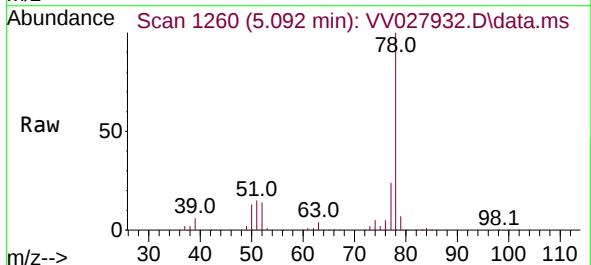
Instrument : MSVOA_V
ClientSampleId : VSTD010243

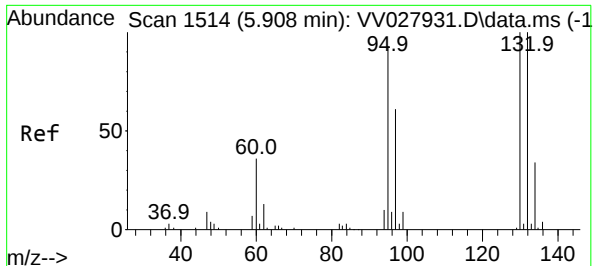
Tgt Ion:117 Resp: 121743
Ion Ratio Lower Upper
117 100
119 96.1 74.2 111.4



#33
Benzene
Concen: 8.753 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VV027932.D
Acq: 19 Sep 2022 17:20

Tgt Ion: 78 Resp: 342150

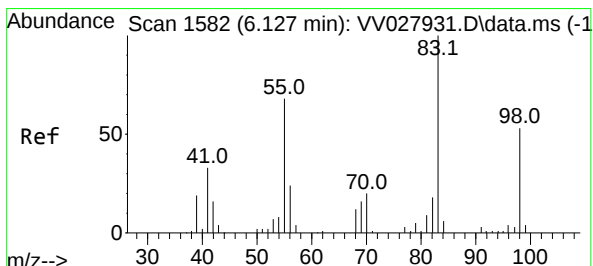
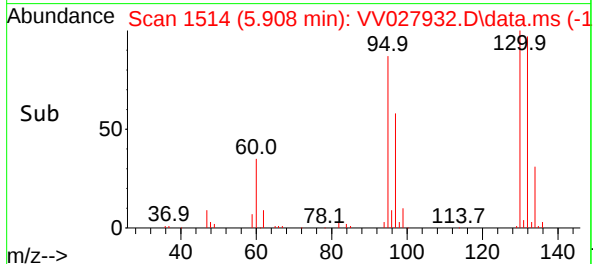
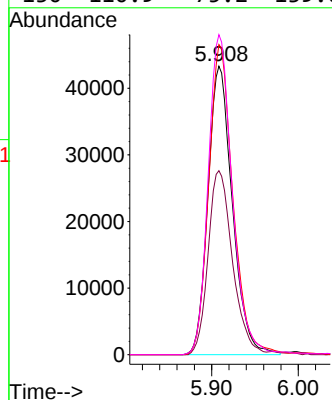
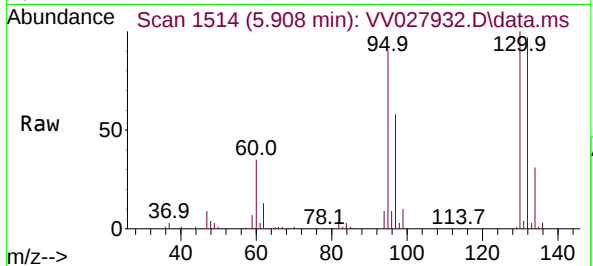




#34
Trichloroethene
Concen: 8.800 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VV027932.D
Acq: 19 Sep 2022 17:20

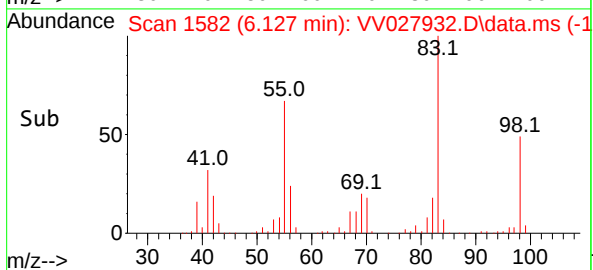
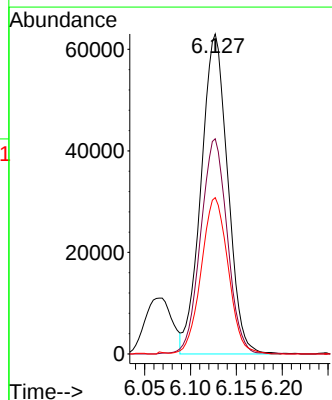
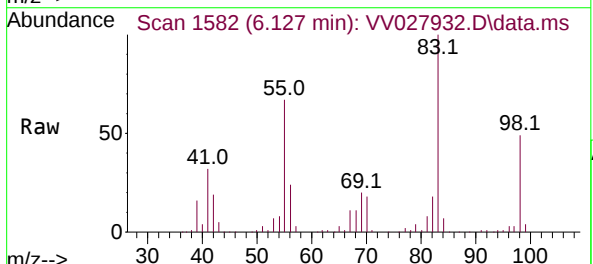
Instrument :
MSVOA_V
ClientSampleId :
VSTD010243

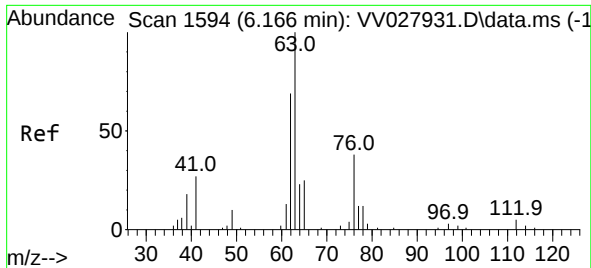
Tgt Ion: 95 Resp: 84894
Ion Ratio Lower Upper
95 100
97 63.8 46.1 85.7
132 107.5 75.2 139.6
130 110.9 75.2 139.6



#35
Methylcyclohexane
Concen: 8.702 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV027932.D
Acq: 19 Sep 2022 17:20

Tgt Ion: 83 Resp: 127328
Ion Ratio Lower Upper
83 100
55 67.3 54.5 81.7
98 49.3 39.6 59.4





#37

1,2-Dichloropropane

Concen: 9.669 ug/L

RT: 6.169 min Scan# 1594

Delta R.T. 0.003 min

Lab File: VV027932.D

Acq: 19 Sep 2022 17:20

Instrument :

MSVOA_V

ClientSampleId :

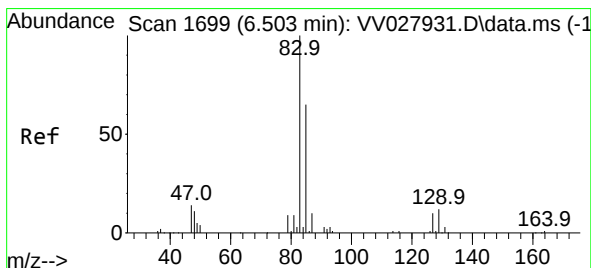
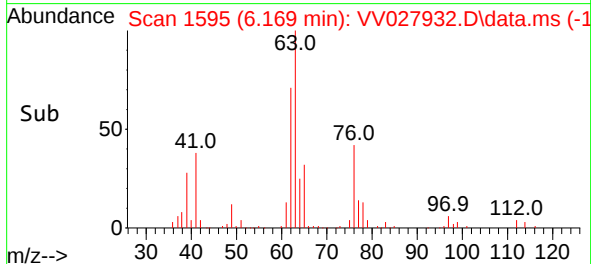
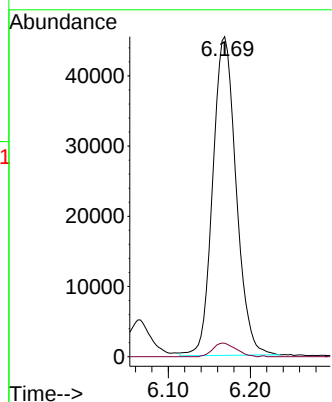
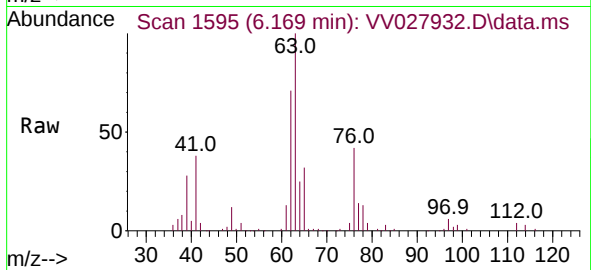
VSTD010243

Tgt Ion: 63 Resp: 90170

Ion Ratio Lower Upper

63 100

112 4.2 3.8 5.8



#38

Bromodichloromethane

Concen: 9.376 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VV027932.D

Acq: 19 Sep 2022 17:20

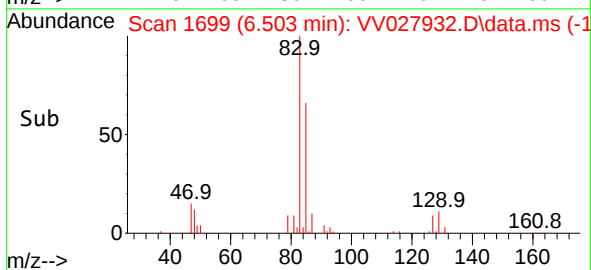
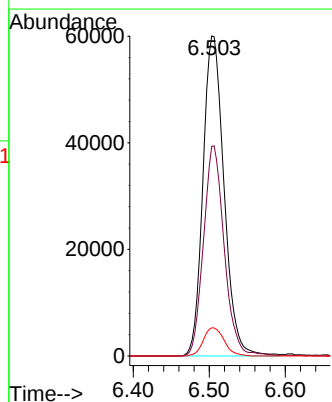
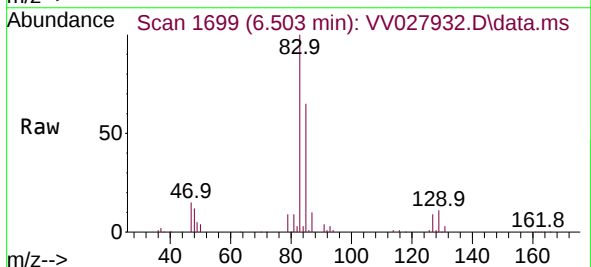
Tgt Ion: 83 Resp: 115574

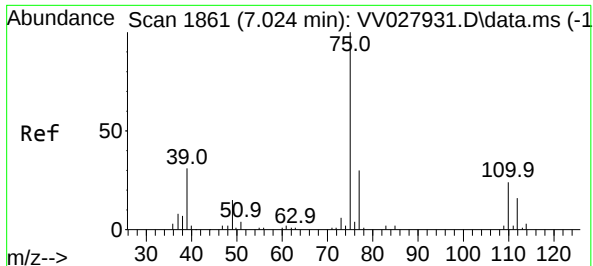
Ion Ratio Lower Upper

83 100

85 65.5 45.3 84.1

127 8.8 7.9 11.9





#39

cis-1,3-Dichloropropene

Concen: 10.250 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV027932.D

Acq: 19 Sep 2022 17:20

Instrument :

MSVOA_V

ClientSampleId :

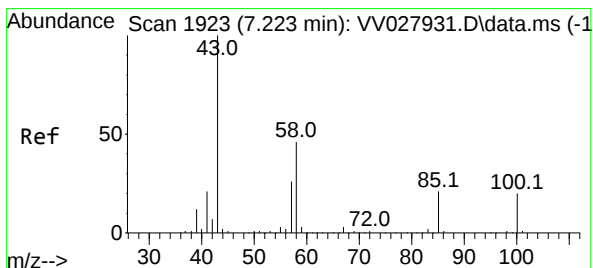
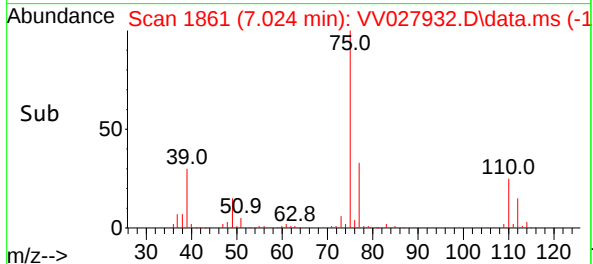
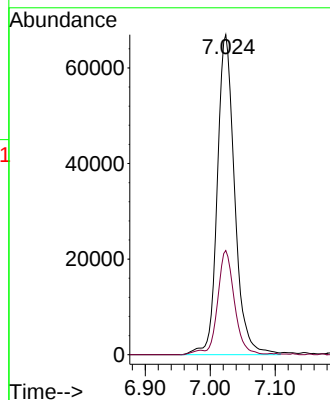
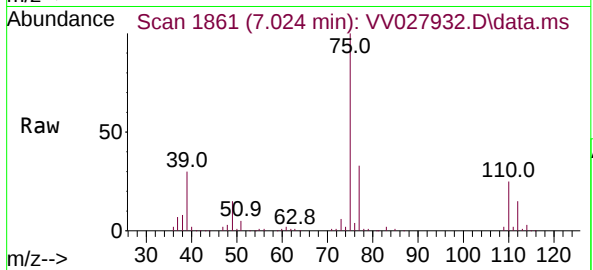
VSTD010243

Tgt Ion: 75 Resp: 123994

Ion Ratio Lower Upper

75 100

77 32.6 21.1 39.3



#40

4-Methyl-2-pentanone

Concen: 98.951 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV027932.D

Acq: 19 Sep 2022 17:20

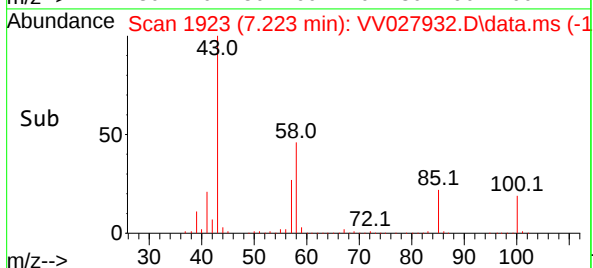
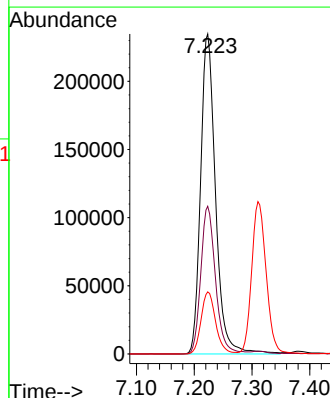
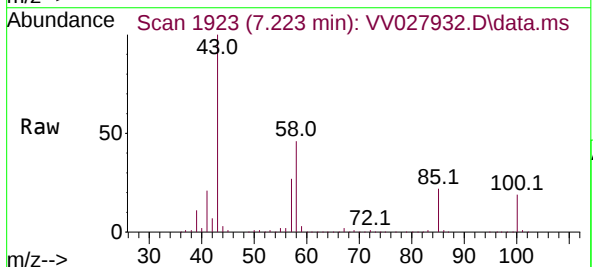
Tgt Ion: 43 Resp: 422128

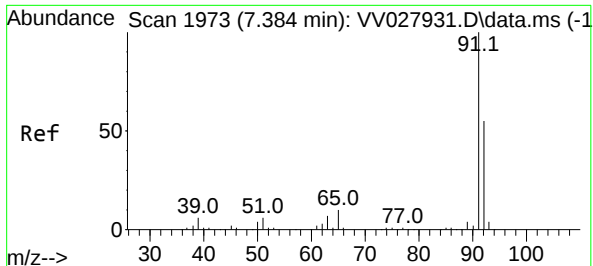
Ion Ratio Lower Upper

43 100

58 45.7 35.3 52.9

100 19.0 15.3 22.9





#42

Toluene

Concen: 9.991 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV027932.D

Acq: 19 Sep 2022 17:20

Instrument :

MSVOA_V

ClientSampleId :

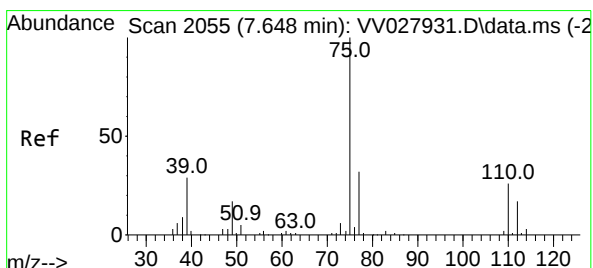
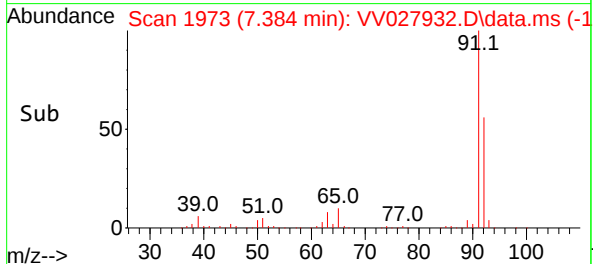
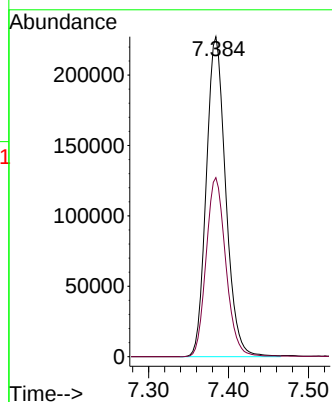
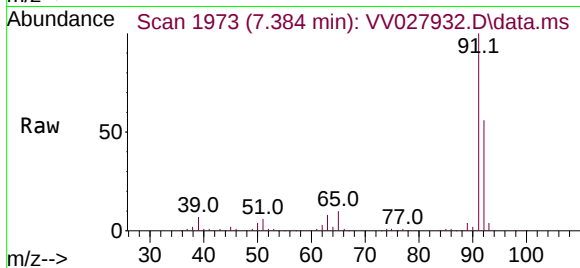
VSTD010243

Tgt Ion: 91 Resp: 383529

Ion Ratio Lower Upper

91 100

92 56.0 38.5 71.5



#44

trans-1,3-Dichloropropene

Concen: 10.057 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VV027932.D

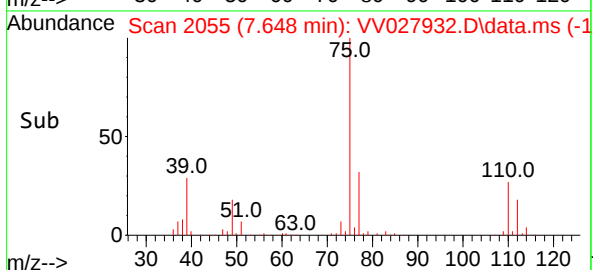
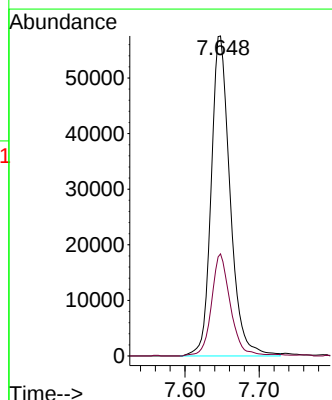
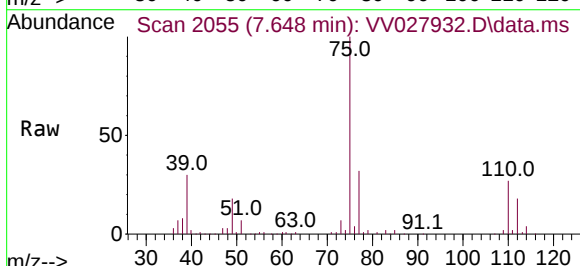
Acq: 19 Sep 2022 17:20

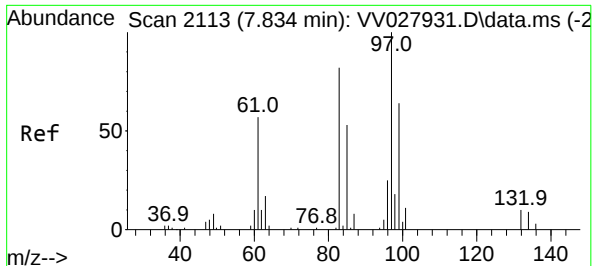
Tgt Ion: 75 Resp: 101750

Ion Ratio Lower Upper

75 100

77 31.9 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 10.489 ug/L

RT: 7.834 min Scan# 2113

Delta R.T. -0.000 min

Lab File: VV027932.D

Acq: 19 Sep 2022 17:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD010243

Tgt Ion: 97 Resp: 65614

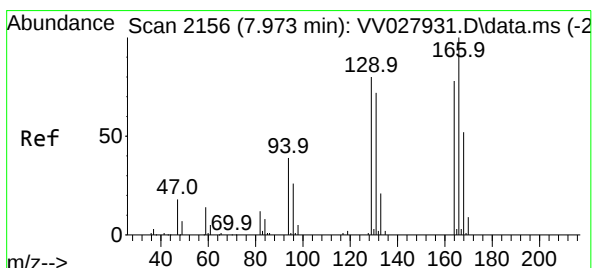
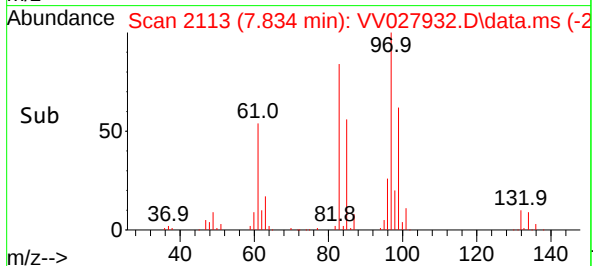
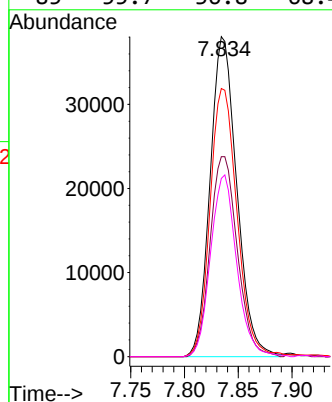
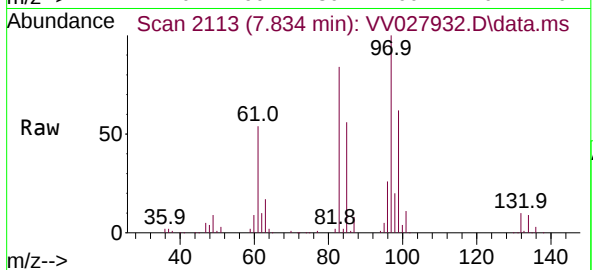
Ion Ratio Lower Upper

97 100

99 62.5 44.9 83.5

83 83.8 57.3 106.3

85 55.7 36.8 68.4



#47

Tetrachloroethene

Concen: 9.305 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV027932.D

Acq: 19 Sep 2022 17:20

Tgt Ion: 164 Resp: 74566

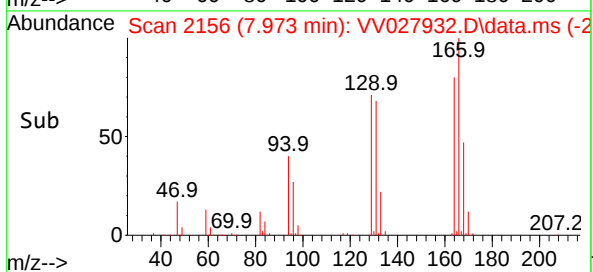
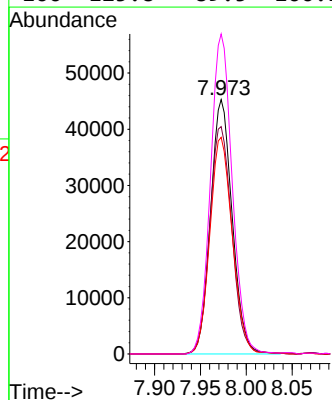
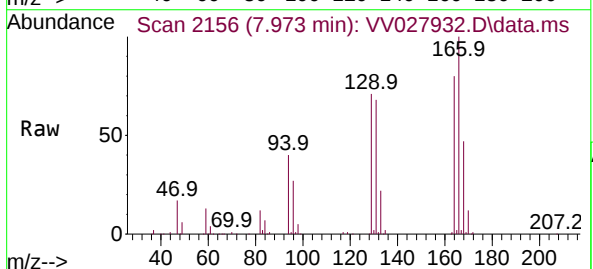
Ion Ratio Lower Upper

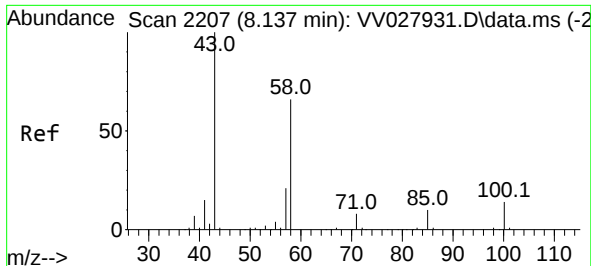
164 100

129 89.3 71.3 132.3

131 85.1 64.5 119.7

166 125.8 89.5 166.1



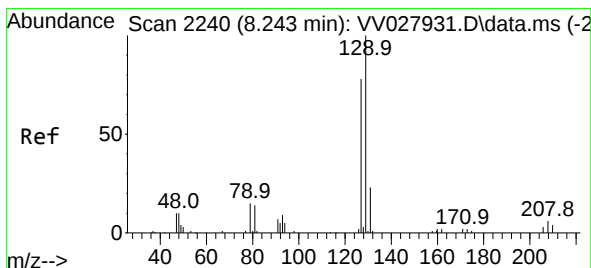
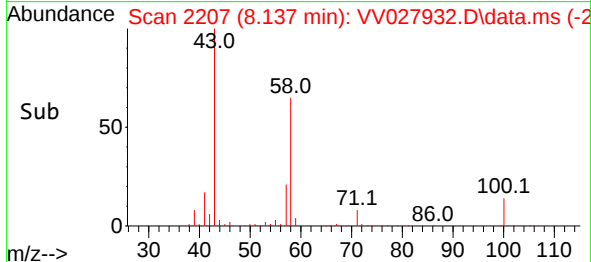
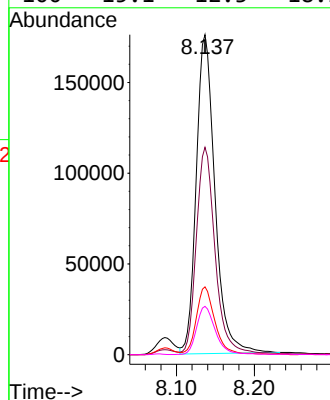
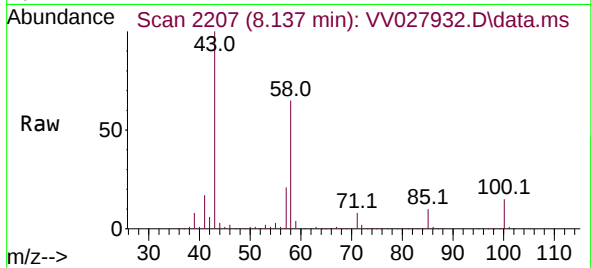


#48
2-Hexanone
Concen: 96.180 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027932.D
Acq: 19 Sep 2022 17:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD010243

Tgt Ion: 43 Resp: 293400

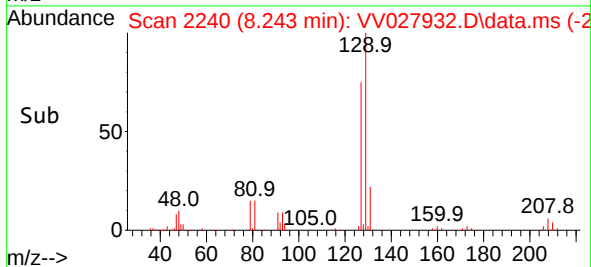
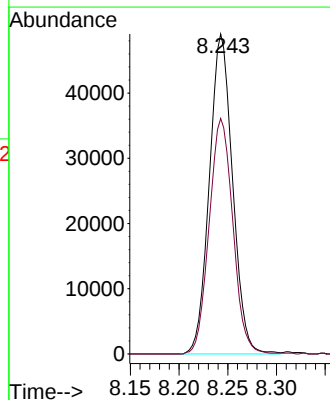
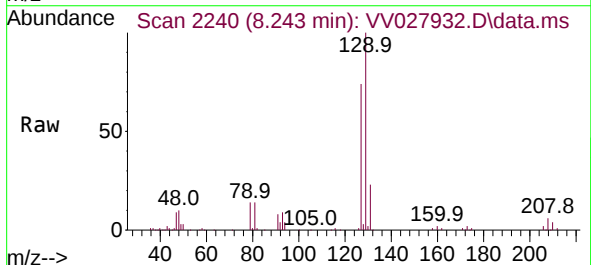
Ion	Ratio	Lower	Upper
43	100		
58	65.0	50.6	76.0
57	20.9	16.2	24.4
100	15.1	12.3	18.5

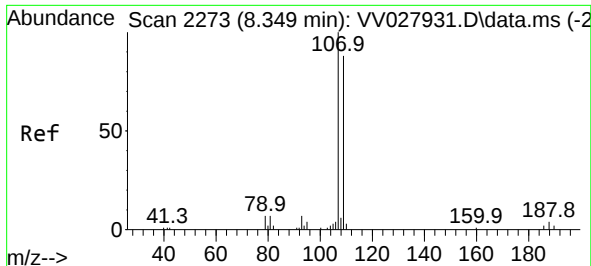


#49
Dibromochloromethane
Concen: 10.237 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV027932.D
Acq: 19 Sep 2022 17:20

Tgt Ion: 129 Resp: 81222

Ion	Ratio	Lower	Upper
129	100		
127	73.6	54.3	100.9





#50

1,2-Dibromoethane

Concen: 10.287 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV027932.D

Acq: 19 Sep 2022 17:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD010243

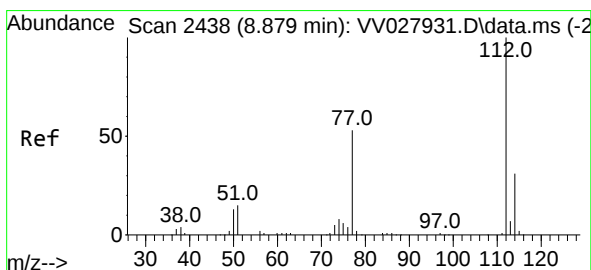
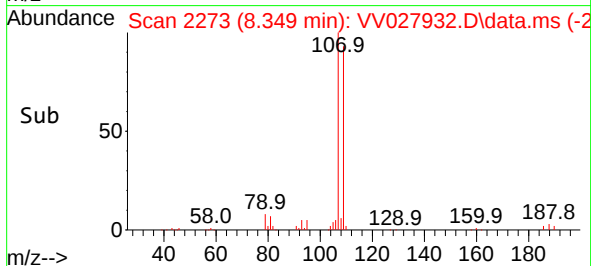
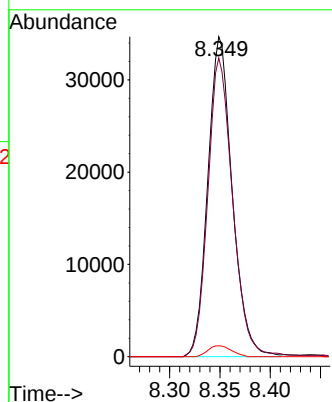
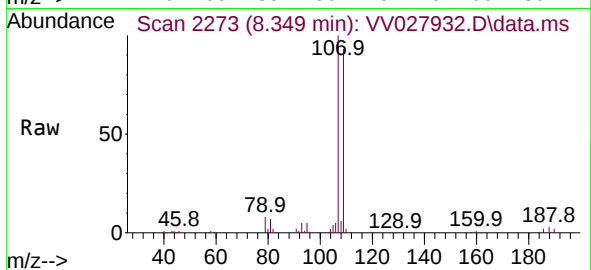
Tgt Ion:107 Resp: 58506

Ion Ratio Lower Upper

107 100

109 93.3 61.4 114.0

188 3.4 3.1 4.7



#51

Chlorobenzene

Concen: 10.004 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV027932.D

Acq: 19 Sep 2022 17:20

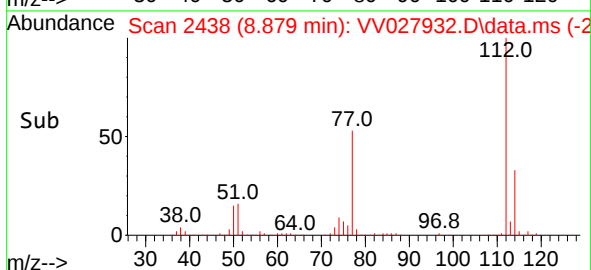
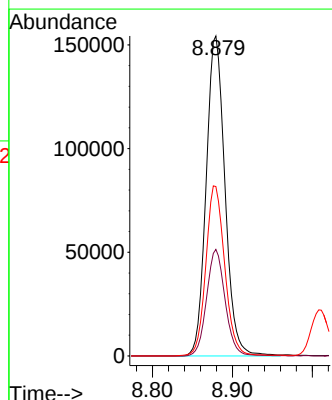
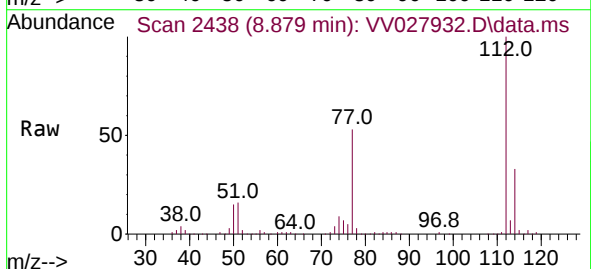
Tgt Ion:112 Resp: 252780

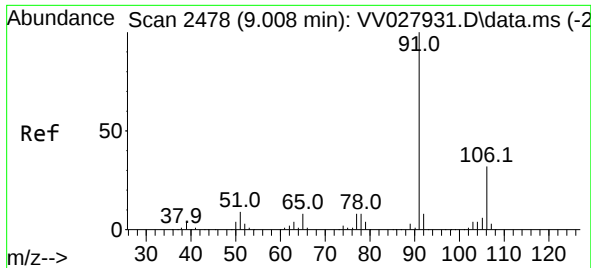
Ion Ratio Lower Upper

112 100

114 33.3 22.0 40.8

77 52.9 42.7 64.1

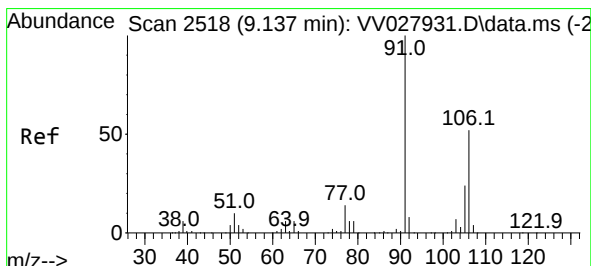
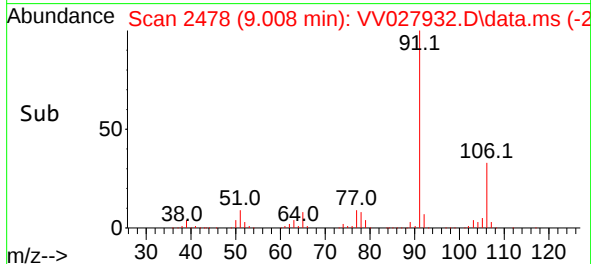
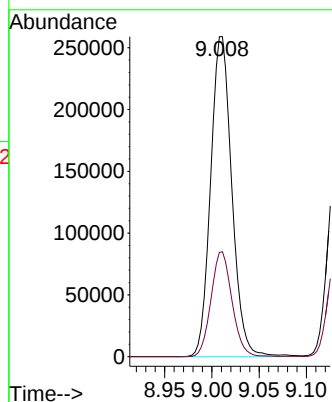
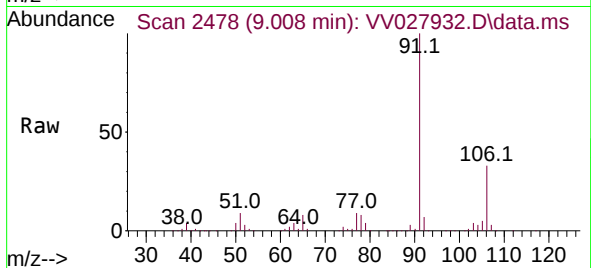




#52
Ethylbenzene
Concen: 10.049 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.000 min
Lab File: VV027932.D
Acq: 19 Sep 2022 17:20

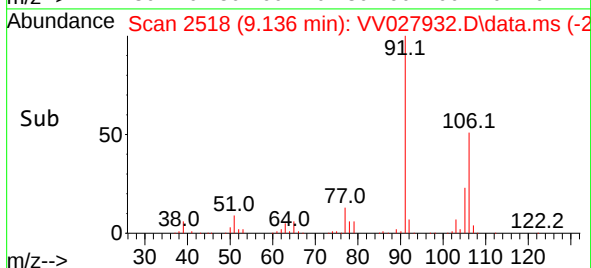
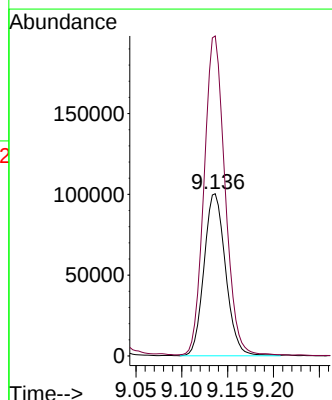
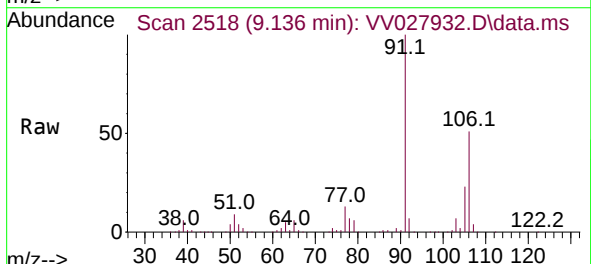
Instrument :
MSVOA_V
ClientSampleId :
VSTD010243

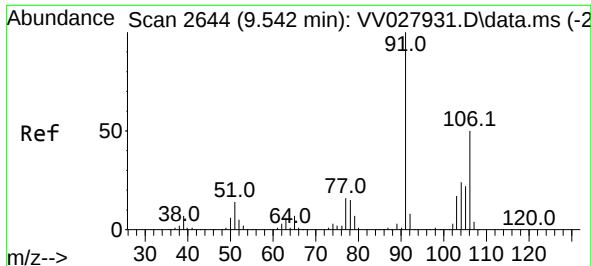
Tgt Ion: 91 Resp: 403382
Ion Ratio Lower Upper
91 100
106 32.6 22.2 41.2



#53
m,p-Xylene
Concen: 10.387 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV027932.D
Acq: 19 Sep 2022 17:20

Tgt Ion: 106 Resp: 163848
Ion Ratio Lower Upper
106 100
91 197.3 134.7 250.1

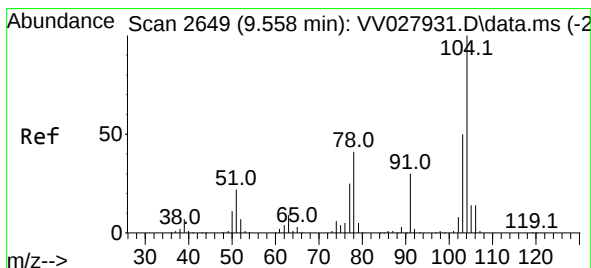
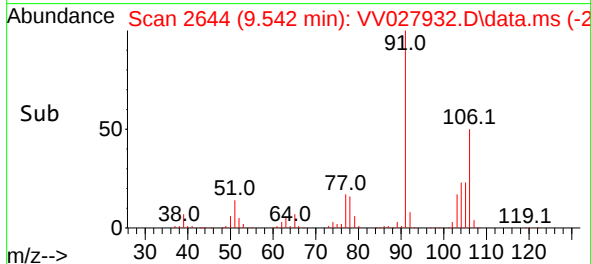
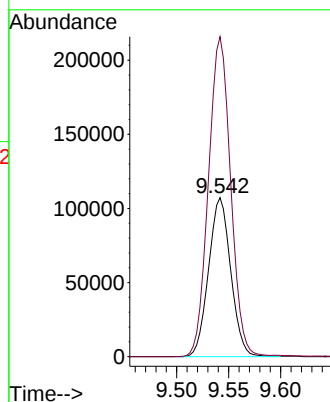
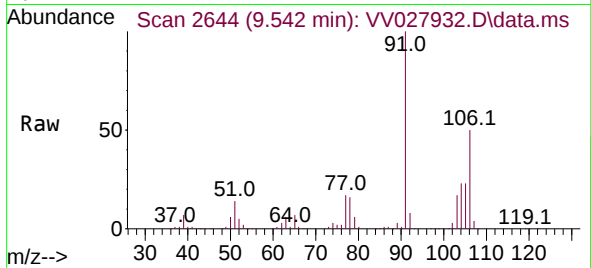




#54
o-Xylene
Concen: 10.540 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027932.D
Acq: 19 Sep 2022 17:20

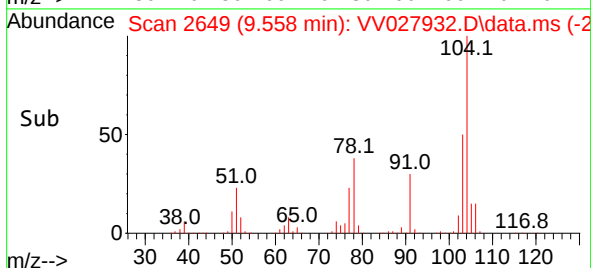
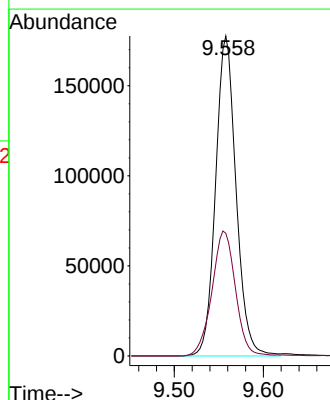
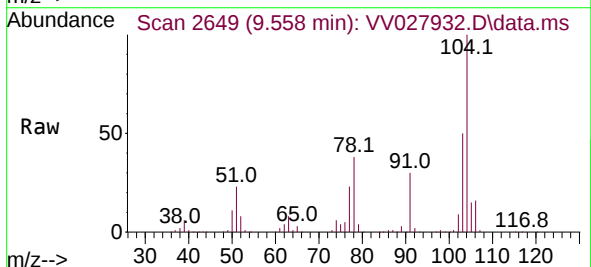
Instrument :
MSVOA_V
ClientSampleId :
VSTD010243

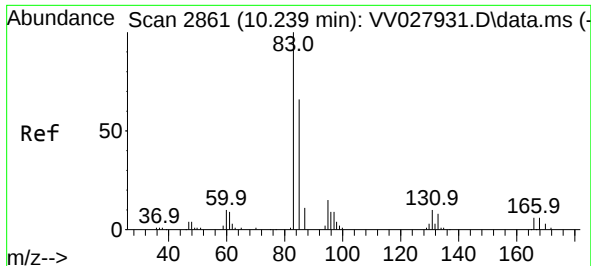
Tgt Ion:106 Resp: 159064
Ion Ratio Lower Upper
106 100
91 201.3 139.4 259.0



#55
Styrene
Concen: 10.822 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV027932.D
Acq: 19 Sep 2022 17:20

Tgt Ion:104 Resp: 283504
Ion Ratio Lower Upper
104 100
78 38.3 28.4 52.8

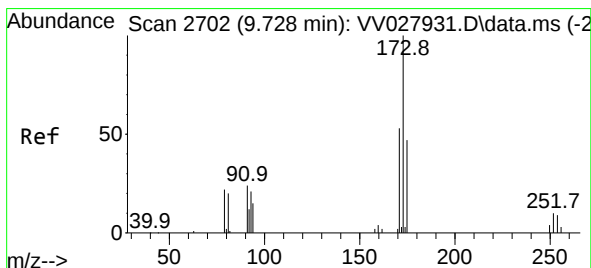
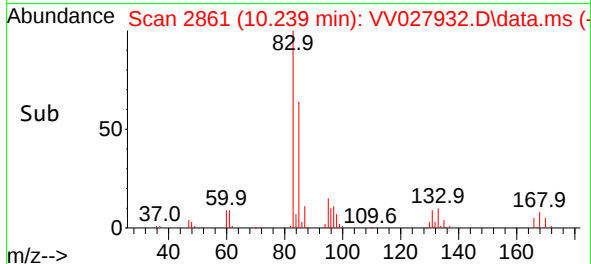
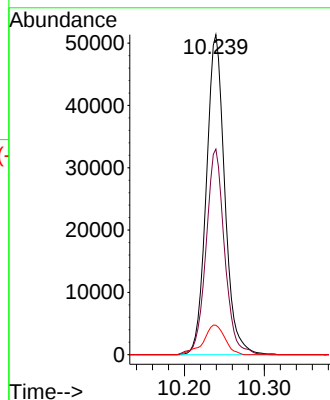
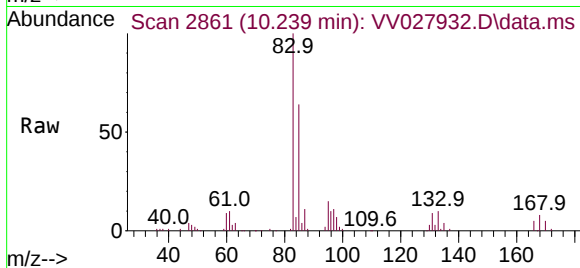




#57
1,1,2,2-Tetrachloroethane
Concen: 11.442 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV027932.D
Acq: 19 Sep 2022 17:20

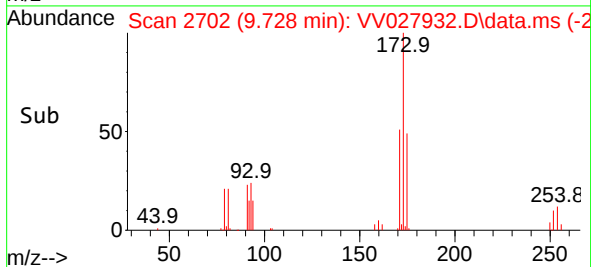
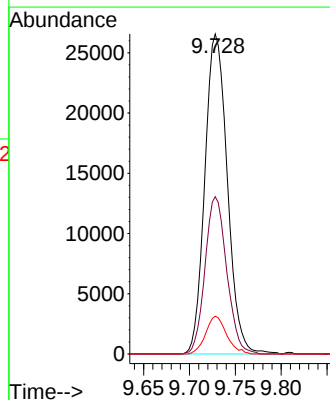
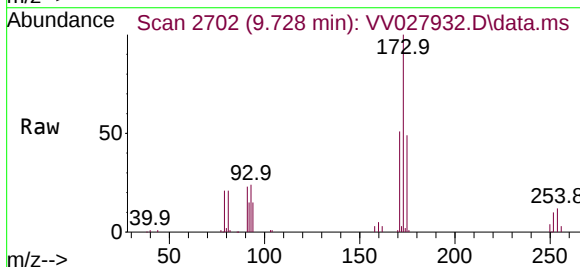
Instrument :
MSVOA_V
ClientSampleId :
VSTD010243

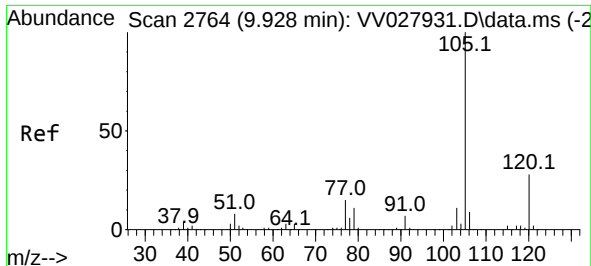
Tgt Ion:	83	Resp:	82121
Ion	Ratio	Lower	Upper
83	100		
85	64.3	46.5	86.3
131	9.2	8.3	12.5



#59
Bromoform
Concen: 10.494 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.000 min
Lab File: VV027932.D
Acq: 19 Sep 2022 17:20

Tgt Ion:	173	Resp:	45266
Ion	Ratio	Lower	Upper
173	100		
175	47.5	37.5	56.3
254	11.0	7.3	10.9

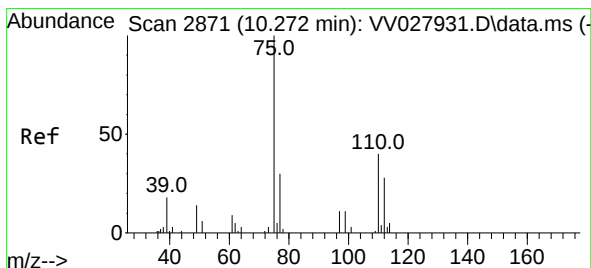
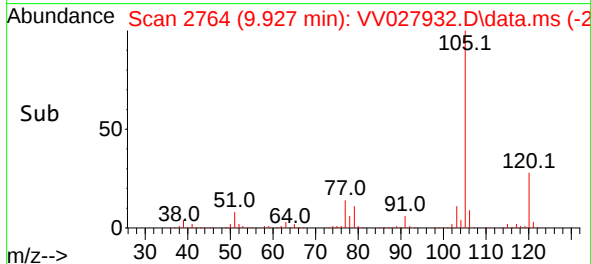
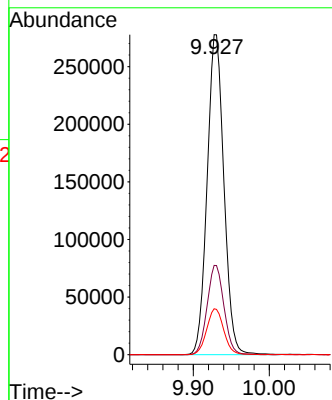
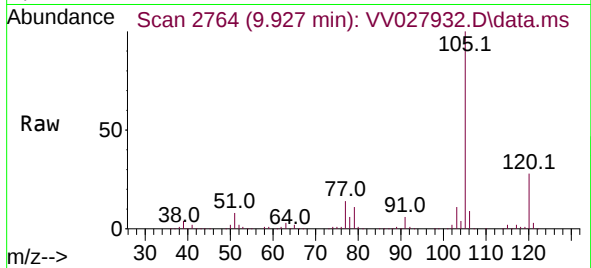




#60
Isopropylbenzene
Concen: 9.914 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027932.D
Acq: 19 Sep 2022 17:20

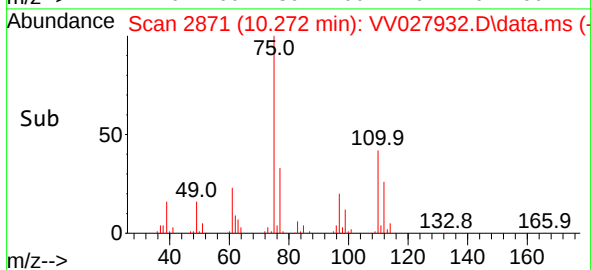
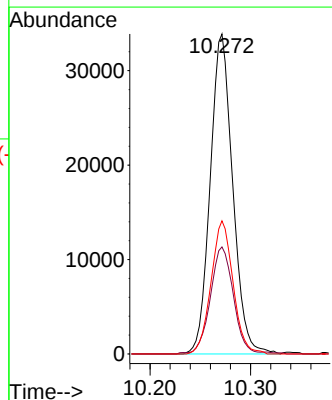
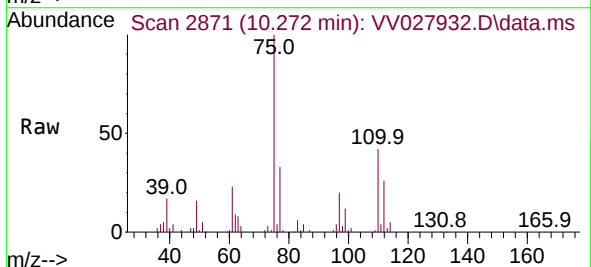
Instrument :
MSVOA_V
ClientSampleId :
VSTD010243

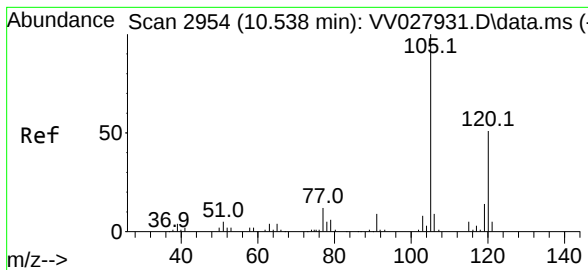
Tgt Ion:105 Resp: 424980
Ion Ratio Lower Upper
105 100
120 28.0 22.3 33.5
77 14.6 11.7 17.5



#61
1,2,3-Trichloropropane
Concen: 9.504 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV027932.D
Acq: 19 Sep 2022 17:20

Tgt Ion: 75 Resp: 52682
Ion Ratio Lower Upper
75 100
77 34.5 26.1 39.1
110 40.7 31.3 46.9

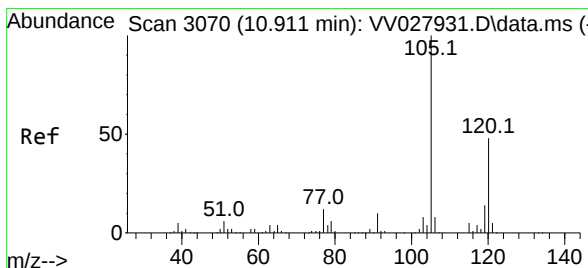
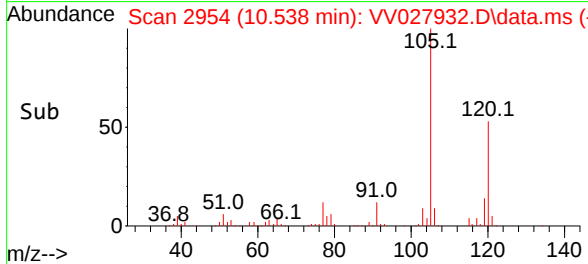
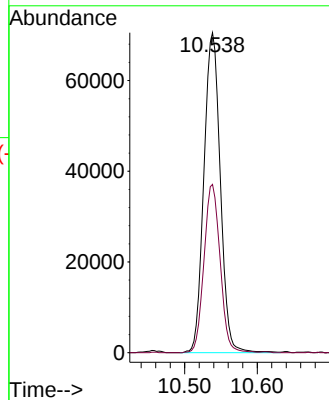
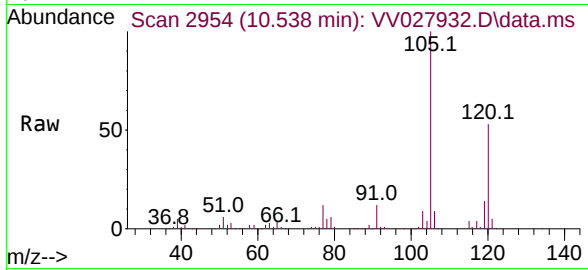




#62
 1,3,5-Trimethylbenzene
 Concen: 9.229 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV027932.D
 Acq: 19 Sep 2022 17:20

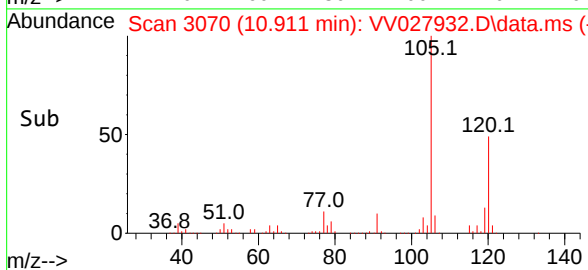
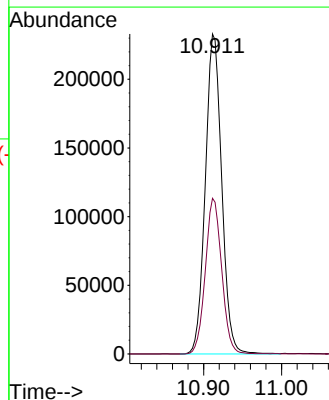
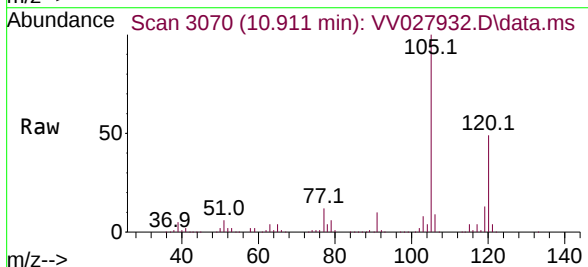
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010243

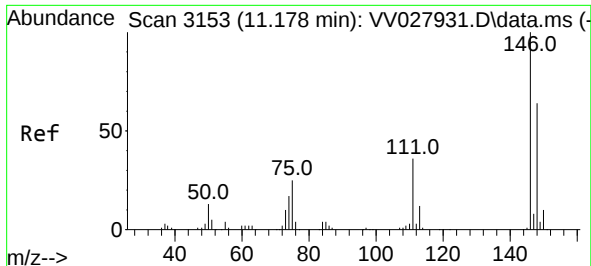
Tgt Ion:105 Resp: 111004
 Ion Ratio Lower Upper
 105 100
 120 51.7 40.2 60.2



#63
 1,2,4-Trimethylbenzene
 Concen: 9.860 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.000 min
 Lab File: VV027932.D
 Acq: 19 Sep 2022 17:20

Tgt Ion:105 Resp: 340565
 Ion Ratio Lower Upper
 105 100
 120 48.5 37.9 56.9

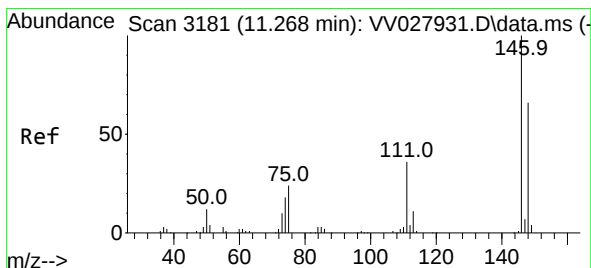
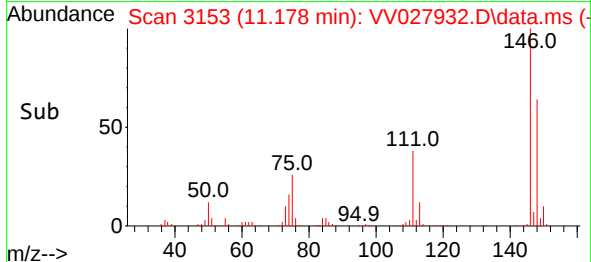
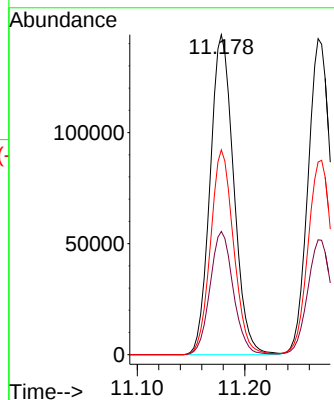
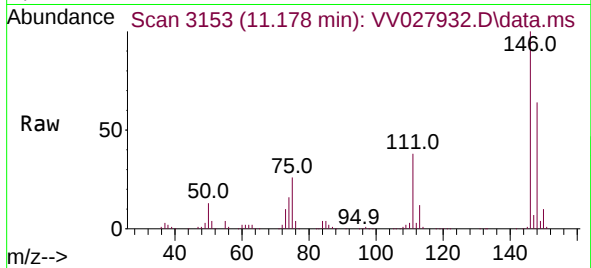




#64
1,3-Dichlorobenzene
Concen: 9.922 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV027932.D
Acq: 19 Sep 2022 17:20

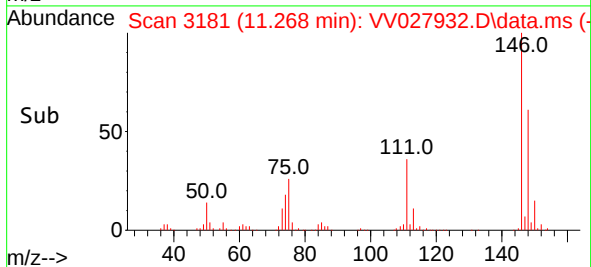
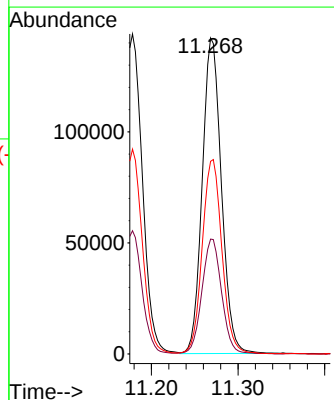
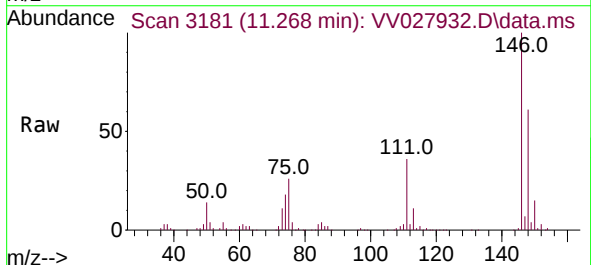
Instrument :
MSVOA_V
ClientSampleId :
VSTD010243

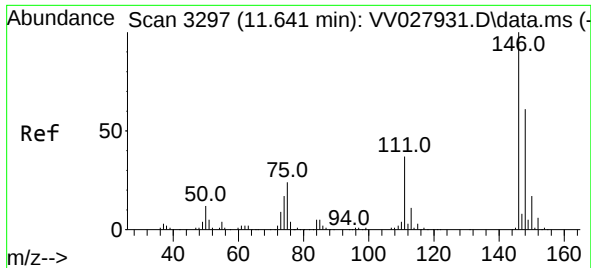
Tgt Ion:146 Resp: 219884
Ion Ratio Lower Upper
146 100
111 38.5 25.3 46.9
148 64.0 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 9.764 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.000 min
Lab File: VV027932.D
Acq: 19 Sep 2022 17:20

Tgt Ion:146 Resp: 218194
Ion Ratio Lower Upper
146 100
111 36.3 25.2 46.8
148 61.0 46.2 85.8

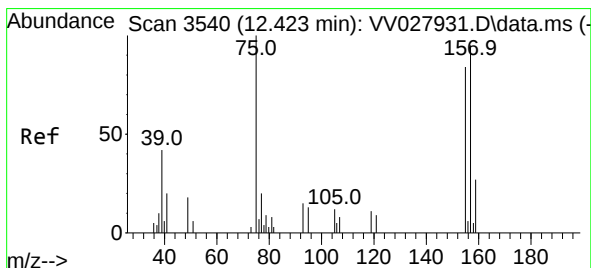
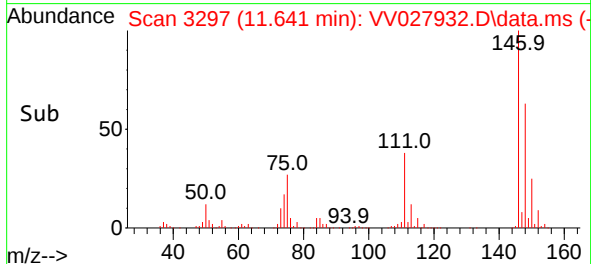
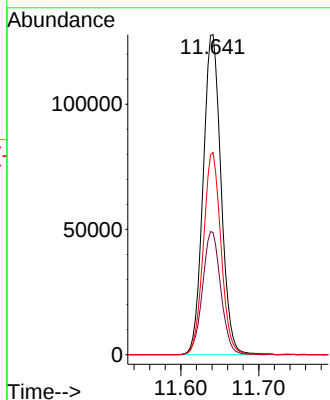
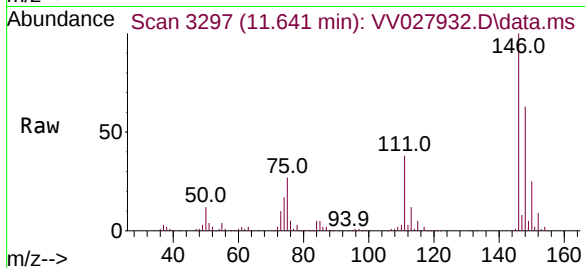




#67
1,2-Dichlorobenzene
Concen: 10.090 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV027932.D
Acq: 19 Sep 2022 17:20

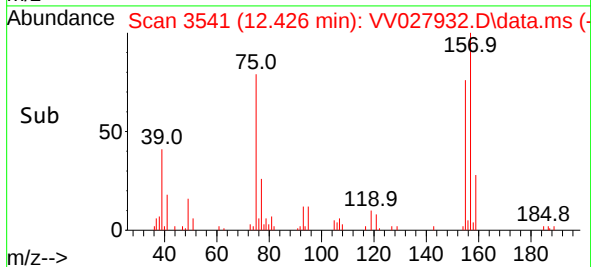
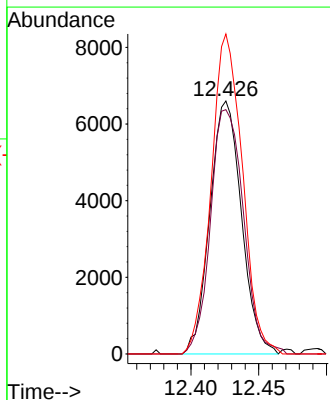
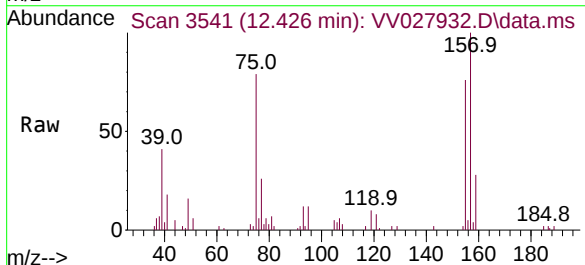
Instrument :
MSVOA_V
ClientSampleId :
VSTD010243

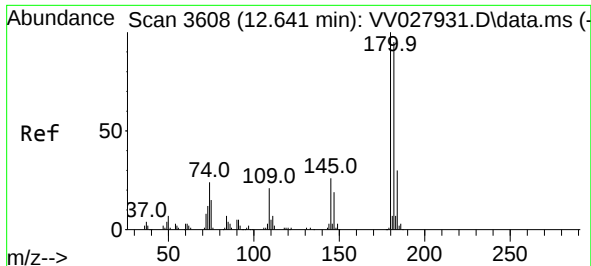
Tgt Ion:146 Resp: 203837
Ion Ratio Lower Upper
146 100
111 38.2 29.7 44.5
148 63.2 48.7 73.1



#68
1,2-Dibromo-3-chloropropane
Concen: 8.896 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.003 min
Lab File: VV027932.D
Acq: 19 Sep 2022 17:20

Tgt Ion: 75 Resp: 10701
Ion Ratio Lower Upper
75 100
155 96.6 67.6 101.4
157 126.5 75.9 113.9#

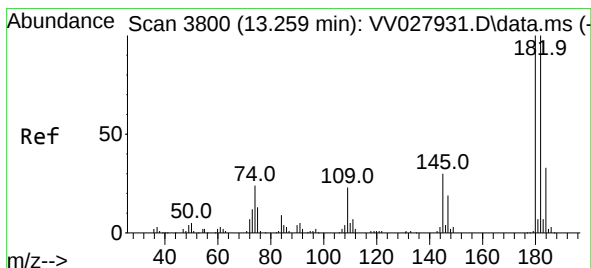
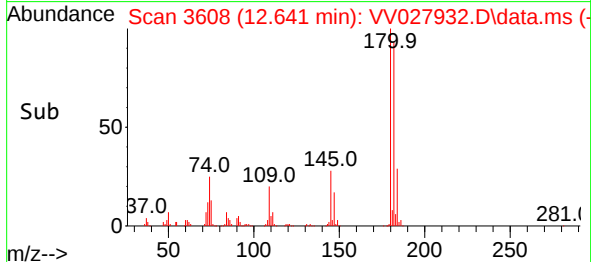
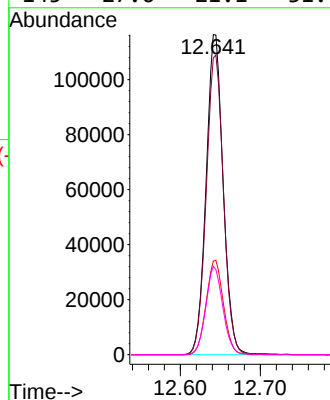
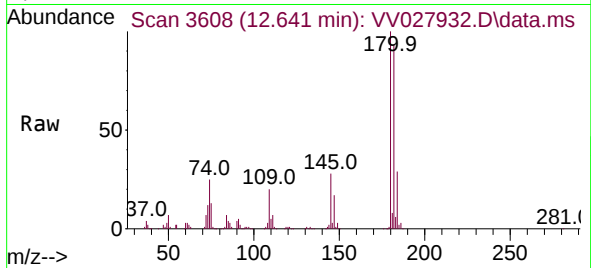




#69
 1,3,5-Trichlorobenzene
 Concen: 10.106 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. -0.000 min
 Lab File: VV027932.D
 Acq: 19 Sep 2022 17:20

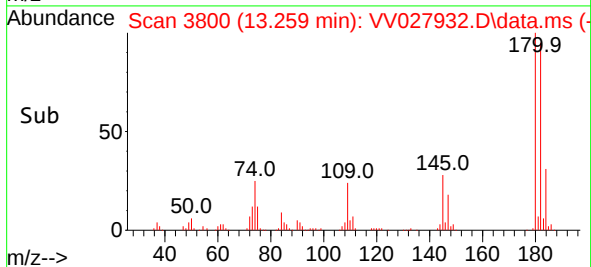
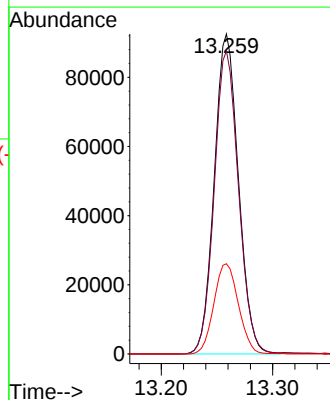
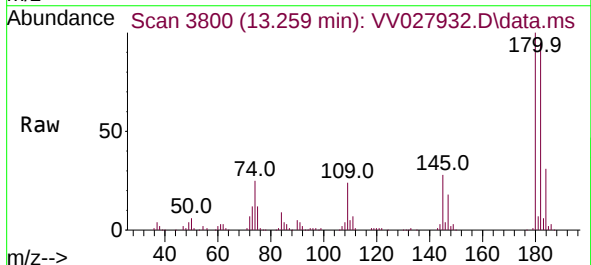
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010243

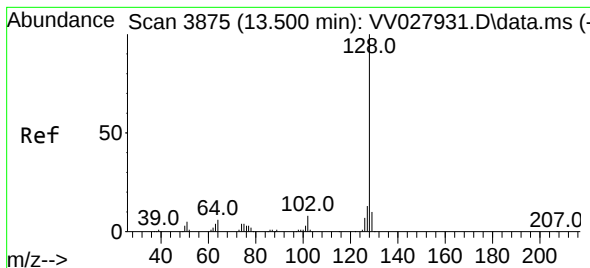
Tgt Ion:180	Resp:	172691
Ion	Ratio	Lower Upper
180	100	
182	94.8	76.7 115.1
184	29.9	24.6 37.0
145	27.6	21.1 31.7



#70
 1,2,4-trichlorobenzene
 Concen: 10.163 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV027932.D
 Acq: 19 Sep 2022 17:20

Tgt Ion:180	Resp:	139528
Ion	Ratio	Lower Upper
180	100	
182	95.1	76.7 115.1
145	28.6	23.0 34.4





#71

Naphthalene

Concen: 9.864 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV027932.D

Acq: 19 Sep 2022 17:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD010243

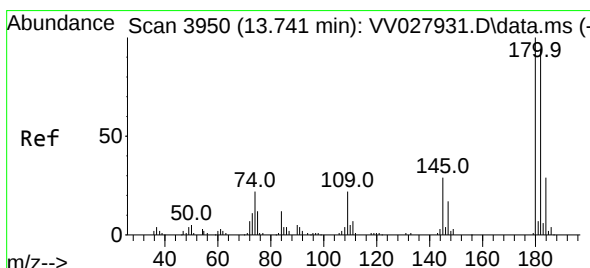
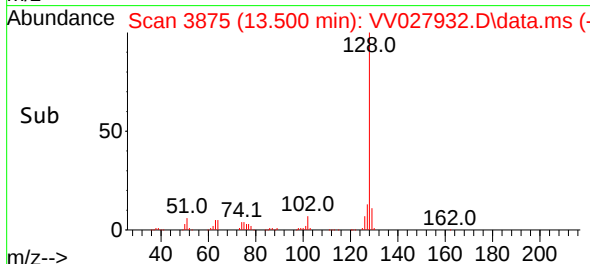
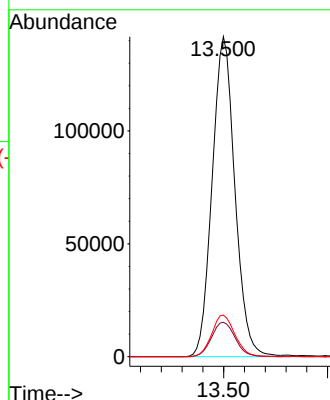
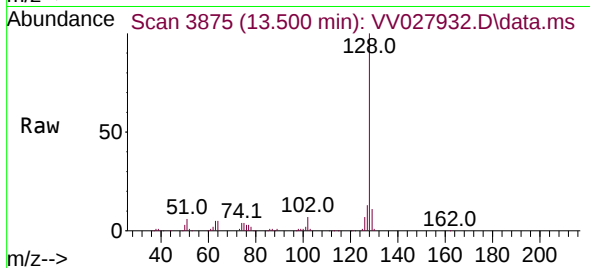
Tgt Ion:128 Resp: 215043

Ion Ratio Lower Upper

128 100

129 11.3 8.2 12.2

127 13.3 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 10.307 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV027932.D

Acq: 19 Sep 2022 17:20

Tgt Ion:180 Resp: 126372

Ion Ratio Lower Upper

180 100

182 97.4 74.2 111.2

145 30.2 23.9 35.9

