

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072822\
 Data File : VW027044.D
 Acq On : 28 Jul 2022 17:31
 Operator : SY/MD
 Sample : VSTD20041
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200241

Quant Time: Jul 29 01:28:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 29 01:24:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	629770	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	630239	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	352257	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	1206955	201.447	ug/L	0.00
7) Chloroethane-d5	1.561	69	916046	192.969	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.098	63	1909296	187.183	ug/L	0.00
21) 2-Butanone-d5	3.876	46	1745795	486.678	ug/L	0.00
24) Chloroform-d	4.339	84	2177718	201.811	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	1242976	202.913	ug/L	0.00
32) Benzene-d6	5.043	84	4568200	206.410	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	1397674	206.333	ug/L	0.00
41) Toluene-d8	7.313	98	4209558	210.434	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	668698	223.475	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	1392463	478.179	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	1981918	194.052	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	1571845	198.499	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	897365	137.297	ug/L	100
3) Chloromethane	1.236	50	804466	134.606	ug/L	99
5) Vinyl chloride	1.304	62	876228	138.219	ug/L	99
6) Bromomethane	1.516	94	516884	132.765	ug/L	100
8) Chloroethane	1.577	64	485472	130.429	ug/L	100
9) Trichlorofluoromethane	1.744	101	1114197	136.997	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	630141	134.216	ug/L	100
12) 1,1-Dichloroethene	2.108	96	627477	136.787	ug/L #	74
13) Acetone	2.172	43	405856	172.488	ug/L	76
14) Carbon disulfide	2.285	76	2003220	137.646	ug/L	99
15) Methyl Acetate	2.426	43	551425	131.131	ug/L	97
16) Methylene chloride	2.497	84	750861	128.412	ug/L	100
17) trans-1,2-Dichloroethene	2.751	96	699692	139.319	ug/L	100
18) Methyl tert-butyl Ether	2.764	73	1998213	144.855	ug/L	99
19) 1,1-Dichloroethane	3.182	63	1207109	137.640	ug/L	100
20) cis-1,2-Dichloroethene	3.902	96	768926	148.055	ug/L	99
22) 2-Butanone	3.963	43	1040616	323.927	ug/L	95
23) Bromochloromethane	4.240	128	404504	144.586	ug/L	98
25) Chloroform	4.368	83	1261671	136.452	ug/L	99
27) 1,2-Dichloroethane	5.124	62	895567	140.755	ug/L	99
29) Cyclohexane	4.670	56	1065437	157.343	ug/L	99
30) 1,1,1-Trichloroethane	4.600	97	1100147	136.003	ug/L	100
31) Carbon tetrachloride	4.822	117	963080	136.763	ug/L	100
33) Benzene	5.092	78	2851474	140.394	ug/L	100
34) Trichloroethene	5.908	95	707761	135.393	ug/L	99
35) Methylcyclohexane	6.127	83	1206901	154.759	ug/L	99
37) 1,2-Dichloropropane	6.169	63	716290	140.913	ug/L	100
38) Bromodichloromethane	6.503	83	935066	138.493	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	1146638	157.241	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	1903667	296.088	ug/L	98
42) Toluene	7.384	91	2984981	142.543	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	1102545	155.516	ug/L	99

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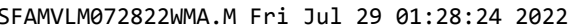
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200241

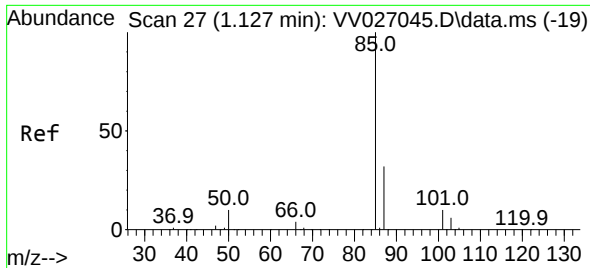
Quant Time: Jul 29 01:28:17 2022
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 Quant Title : VOC Analysis
 QLast Update : Fri Jul 29 01:24:47 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.834	97	726980	133.581	ug/L	99
46) Tetrachloroethene	7.973	164	551556	134.896	ug/L	99
48) 2-Hexanone	8.140	43	1473913	290.901	ug/L	99
49) Dibromochloromethane	8.243	129	788383	140.861	ug/L	99
50) 1,2-Dibromoethane	8.349	107	775940	135.968	ug/L	99
51) Chlorobenzene	8.879	112	1934813	137.001	ug/L	100
52) Ethylbenzene	9.011	91	3192221	150.548	ug/L	99
53) m,p-Xylene	9.136	106	1268831	152.134	ug/L	99
54) o-Xylene	9.542	106	1235499	153.826	ug/L	100
55) Styrene	9.558	104	2171757	154.500	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	1179873	134.469	ug/L	99
59) Bromoform	9.728	173	552529	138.083	ug/L	99
60) Isopropylbenzene	9.931	105	3175026	144.435	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	911275	123.350	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	1459875	155.161	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	1195169	159.181	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	1472041	137.944	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	1501946	133.564	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	1489031	133.613	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	266899	137.795	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	1039598	143.634	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	940159	151.763	ug/L	100
71) Naphthalene	13.500	128	3431174	159.178	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	983484	146.368	ug/L	100

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

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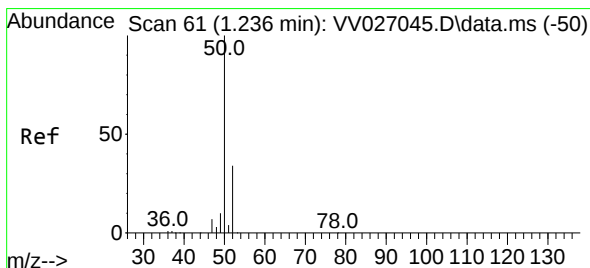
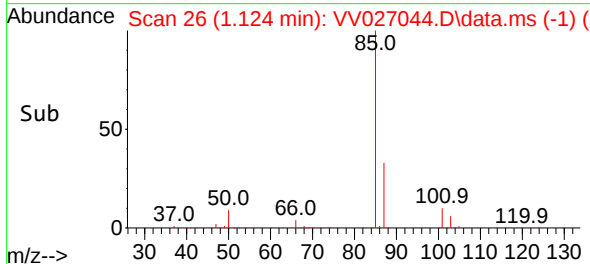
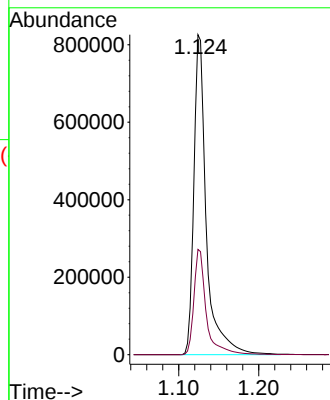
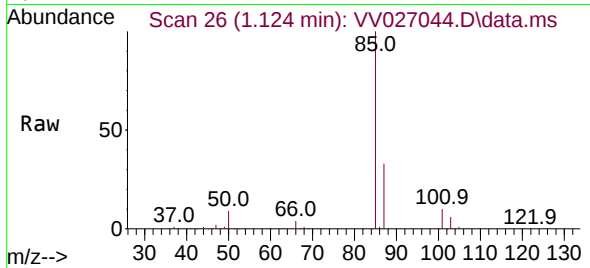




#2
 Dichlorodifluoromethane
 Concen: 137.297 ug/L
 RT: 1.124 min Scan# 2
 Delta R.T. -0.003 min
 Lab File: VV027044.D
 Acq: 28 Jul 2022 17:31

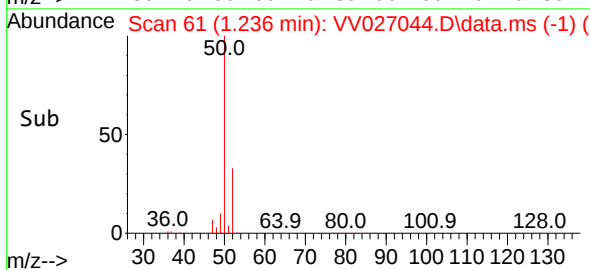
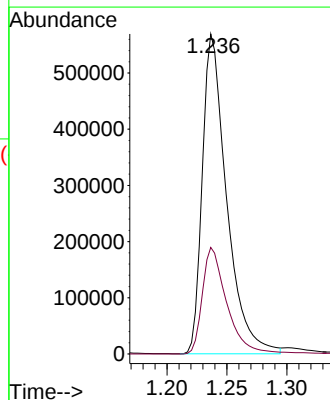
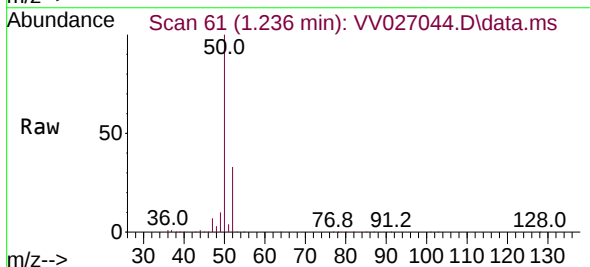
Instrument :
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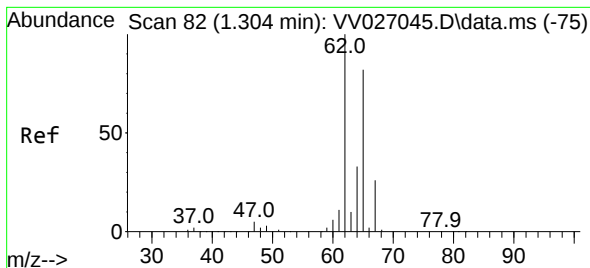
Tgt Ion: 85 Resp: 897365
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.1 39.1



#3
 Chloromethane
 Concen: 134.606 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV027044.D
 Acq: 28 Jul 2022 17:31

Tgt Ion: 50 Resp: 804466
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.5 43.7





#5

Vinyl chloride

Concen: 138.219 ug/L

RT: 1.304 min Scan# 81

Delta R.T. 0.000 min

Lab File: VV027044.D

Acq: 28 Jul 2022 17:31

Instrument :

MSVOA_V

ClientSampleId :

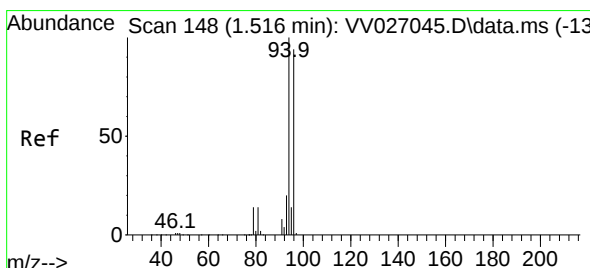
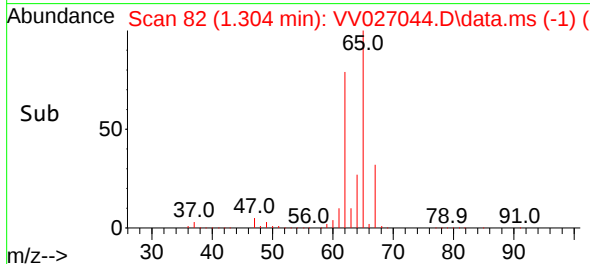
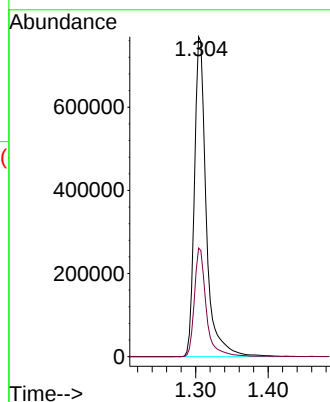
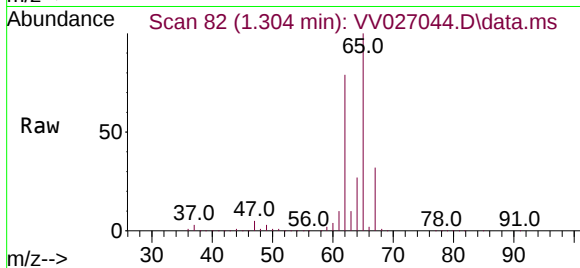
VSTD200241

Tgt Ion: 62 Resp: 876228

Ion Ratio Lower Upper

62 100

64 34.0 23.2 43.2



#6

Bromomethane

Concen: 132.765 ug/L

RT: 1.516 min Scan# 148

Delta R.T. 0.000 min

Lab File: VV027044.D

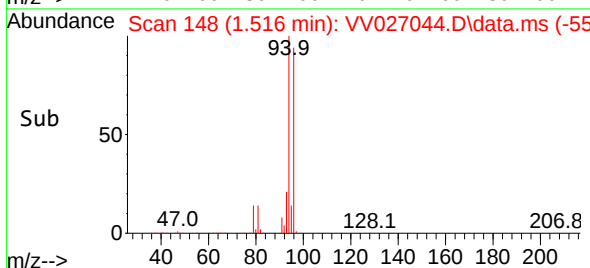
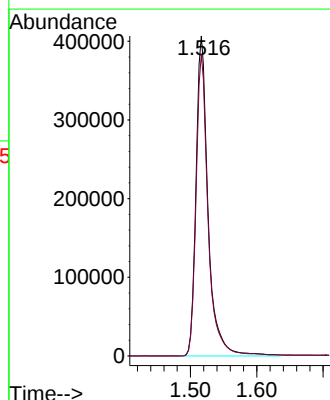
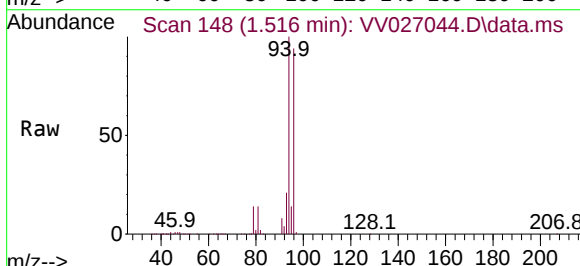
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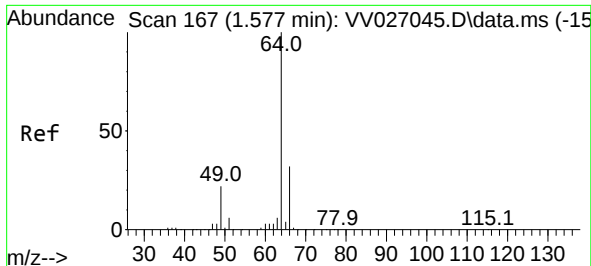
Tgt Ion: 94 Resp: 516884

Ion Ratio Lower Upper

94 100

96 94.3 66.1 122.8

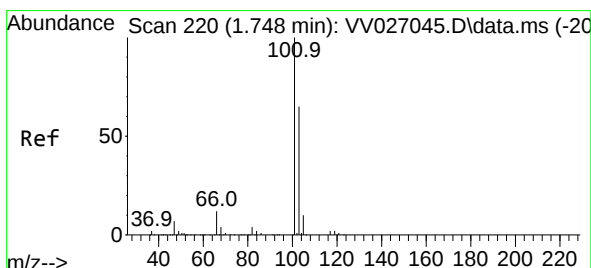
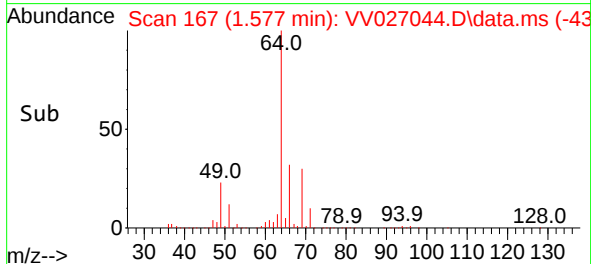
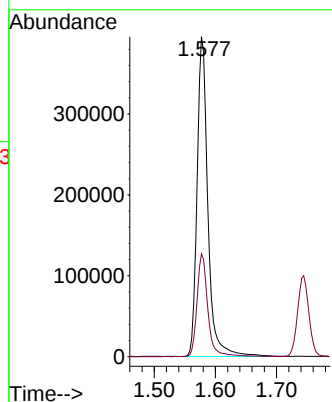
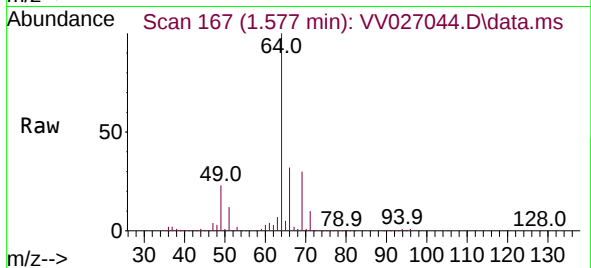




#8
Chloroethane
Concen: 130.429 ug/L
RT: 1.577 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV027044.D
Acq: 28 Jul 2022 17:31

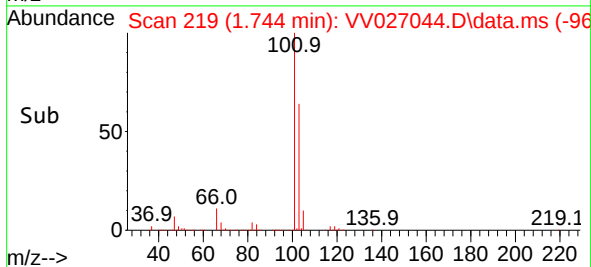
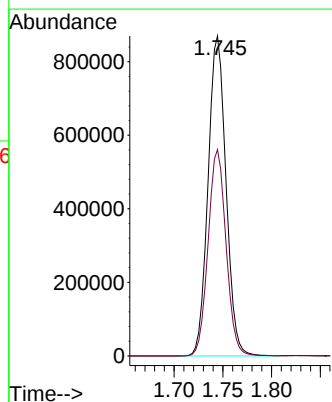
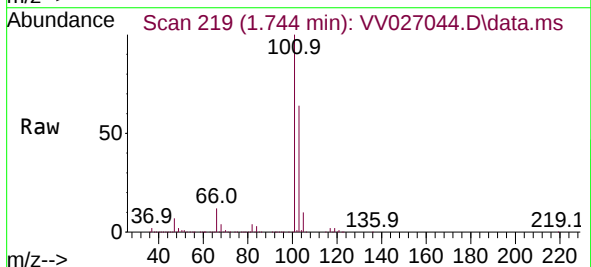
Instrument :
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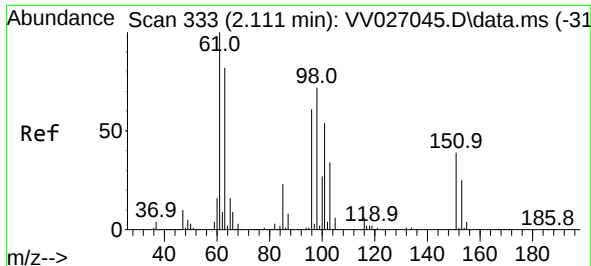
Tgt Ion: 64 Resp: 485472
Ion Ratio Lower Upper
64 100
66 32.2 22.4 41.6



#9
Trichlorofluoromethane
Concen: 136.997 ug/L
RT: 1.744 min Scan# 219
Delta R.T. -0.003 min
Lab File: VV027044.D
Acq: 28 Jul 2022 17:31

Tgt Ion:101 Resp: 1114197
Ion Ratio Lower Upper
101 100
103 64.5 52.4 78.6

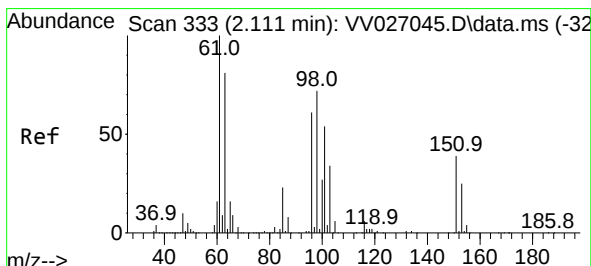
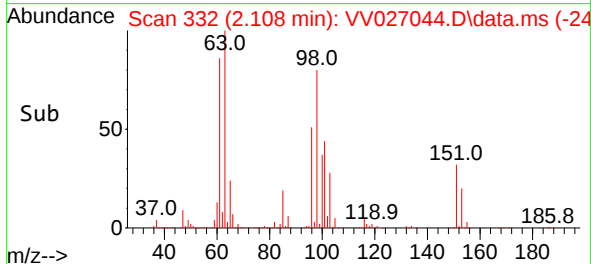
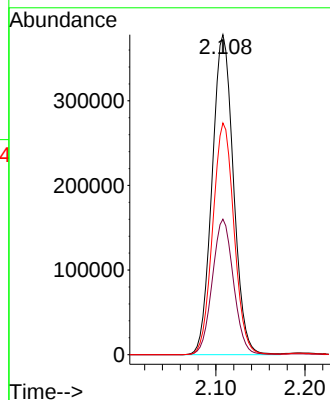
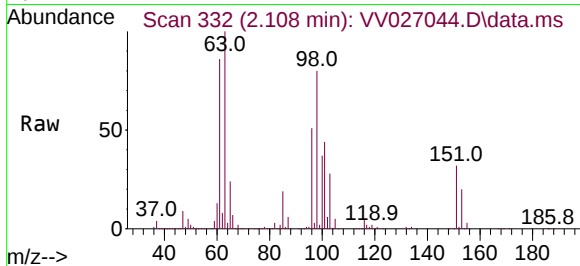




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 134.216 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.003 min
 Lab File: VV027044.D
 Acq: 28 Jul 2022 17:31

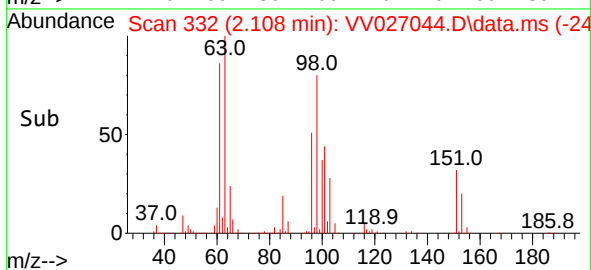
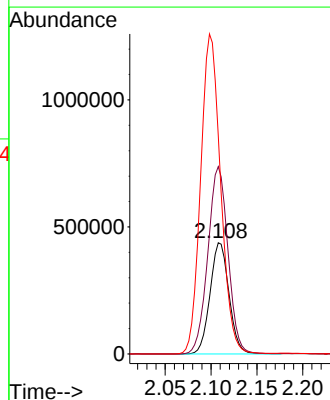
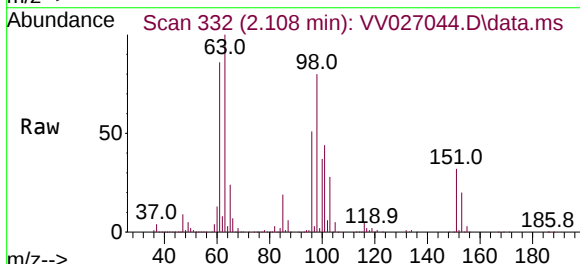
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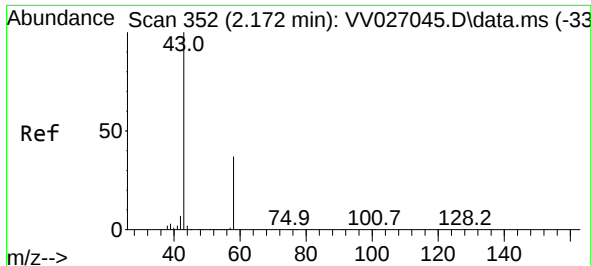
Tgt Ion:101 Resp: 630141
 Ion Ratio Lower Upper
 101 100
 85 42.0 34.1 51.1
 151 72.3 57.8 86.8



#12
 1,1-Dichloroethene
 Concen: 136.787 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.003 min
 Lab File: VV027044.D
 Acq: 28 Jul 2022 17:31

Tgt Ion: 96 Resp: 627477
 Ion Ratio Lower Upper
 96 100
 61 168.6 114.3 212.3
 63 196.2 93.4 173.4#





#13

Acetone

Concen: 172.488 ug/L

RT: 2.172 min Scan# 352

Delta R.T. 0.000 min

Lab File: VV027044.D

Acq: 28 Jul 2022 17:31

Instrument :

MSVOA_V

ClientSampleId :

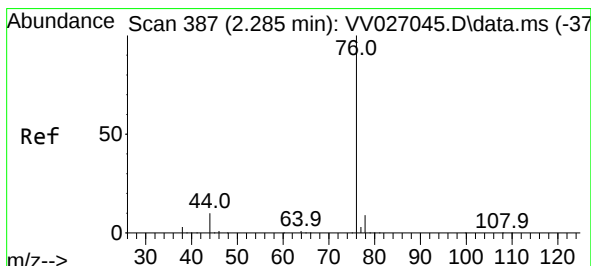
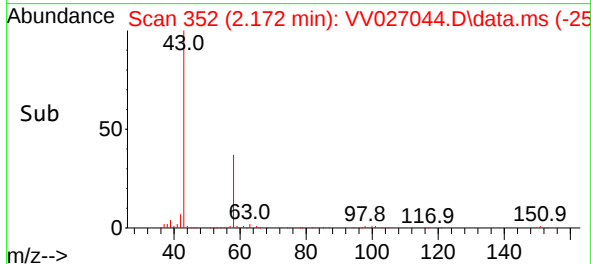
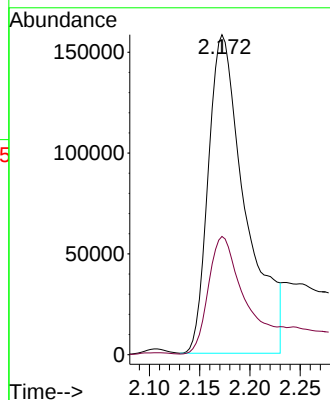
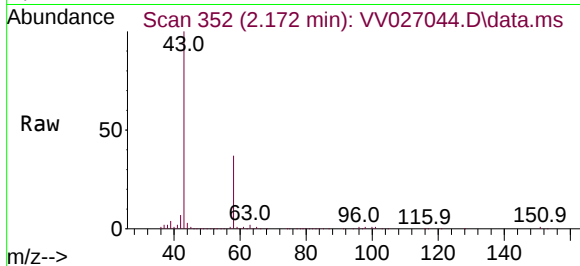
VSTD200241

Tgt Ion: 43 Resp: 405856

Ion Ratio Lower Upper

43 100

58 36.6 0.0 49.6



#14

Carbon disulfide

Concen: 137.646 ug/L

RT: 2.285 min Scan# 387

Delta R.T. 0.000 min

Lab File: VV027044.D

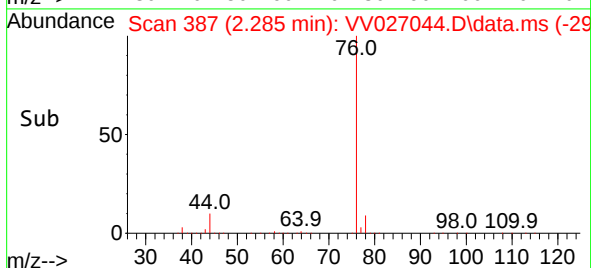
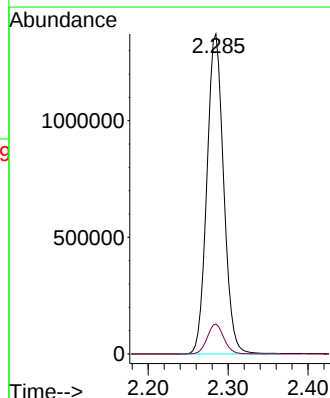
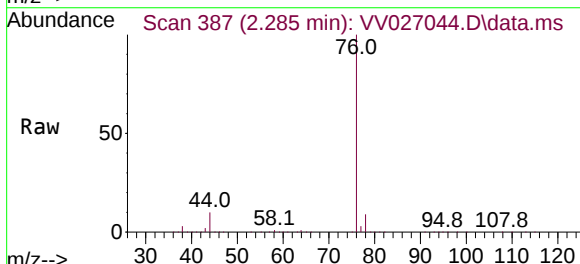
Acq: 28 Jul 2022 17:31

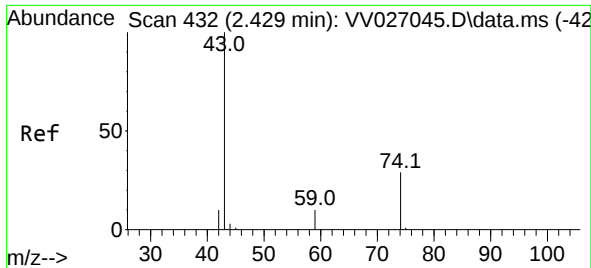
Tgt Ion: 76 Resp: 2003220

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9

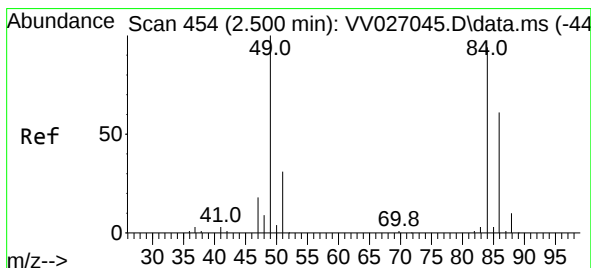
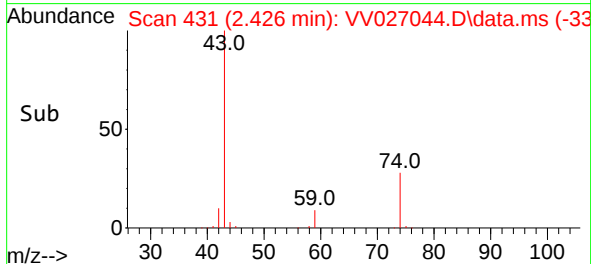
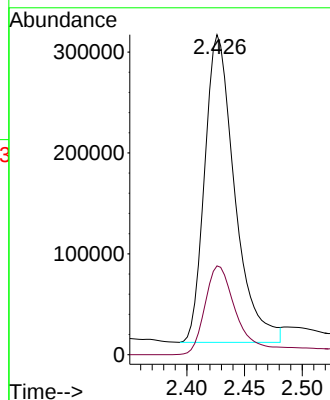
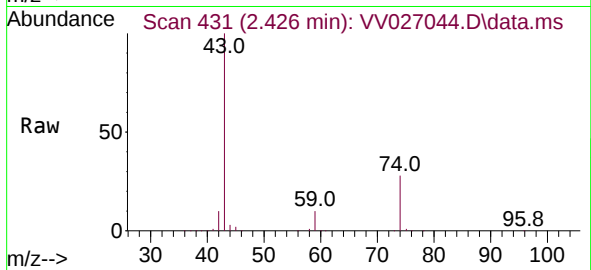




#15
Methyl Acetate
Concen: 131.131 ug/L
RT: 2.426 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV027044.D
Acq: 28 Jul 2022 17:31

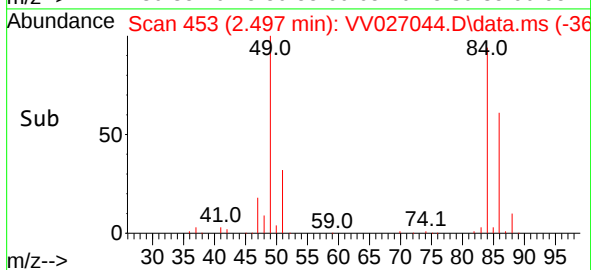
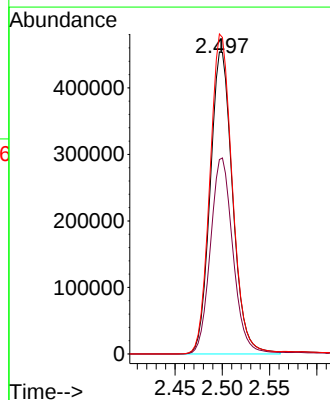
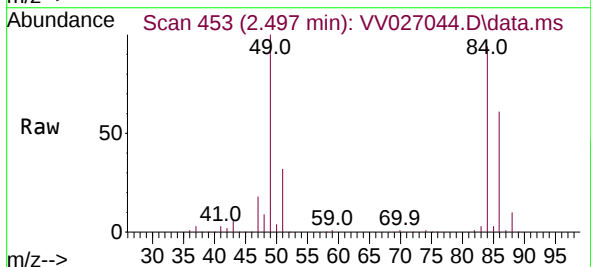
Instrument :
MSVOA_V
ClientSampleId :
VSTD200241

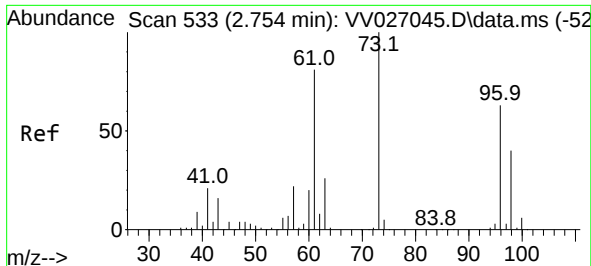
Tgt Ion: 43 Resp: 551425
Ion Ratio Lower Upper
43 100
74 33.5 25.5 38.3



#16
Methylene chloride
Concen: 128.412 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.003 min
Lab File: VV027044.D
Acq: 28 Jul 2022 17:31

Tgt Ion: 84 Resp: 750861
Ion Ratio Lower Upper
84 100
86 64.4 45.0 83.6
49 105.9 74.1 137.7





#17

trans-1,2-Dichloroethene

Concen: 139.319 ug/L

RT: 2.751 min Scan# 51

Delta R.T. -0.003 min

Lab File: VV027044.D

Acq: 28 Jul 2022 17:31

Instrument :

MSVOA_V

ClientSampleId :

VSTD200241

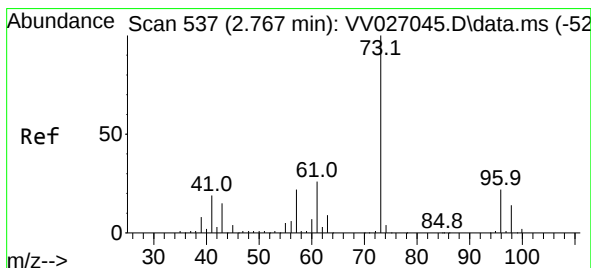
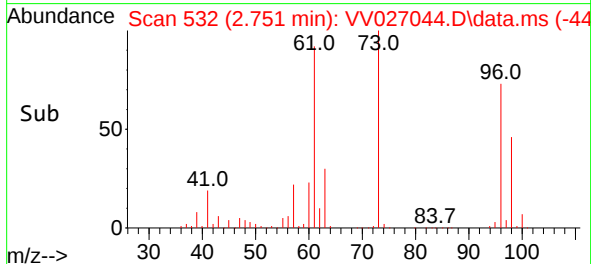
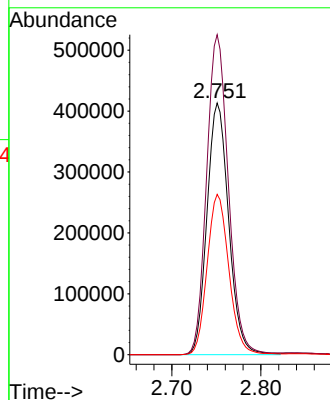
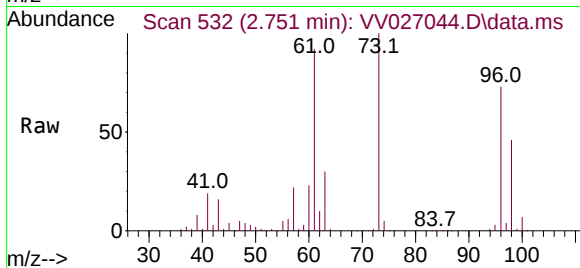
Tgt Ion: 96 Resp: 699692

Ion Ratio Lower Upper

96 100

61 127.1 89.2 165.6

98 63.7 44.6 82.8



#18

Methyl tert-butyl Ether

Concen: 144.855 ug/L

RT: 2.764 min Scan# 536

Delta R.T. -0.003 min

Lab File: VV027044.D

Acq: 28 Jul 2022 17:31

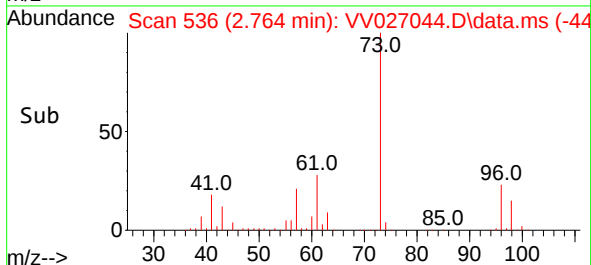
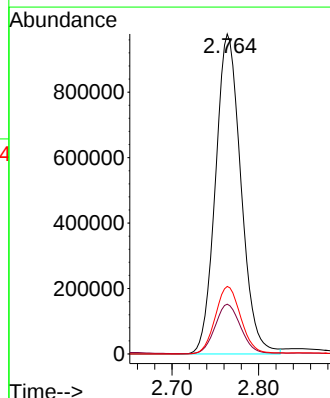
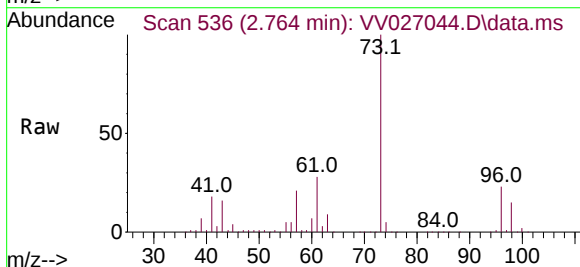
Tgt Ion: 73 Resp: 1998213

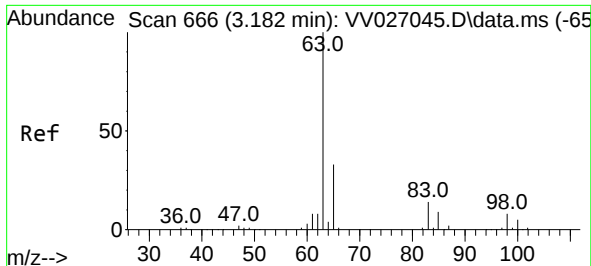
Ion Ratio Lower Upper

73 100

43 15.6 12.6 18.8

57 21.2 17.3 25.9





#19

1,1-Dichloroethane

Concen: 137.640 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV027044.D

Acq: 28 Jul 2022 17:31

Instrument :

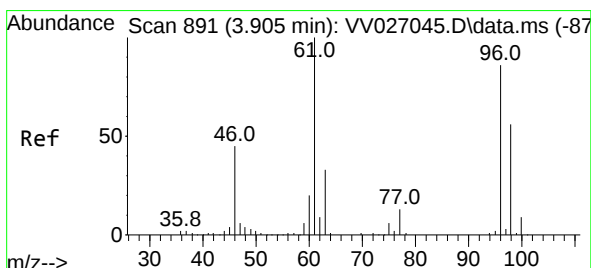
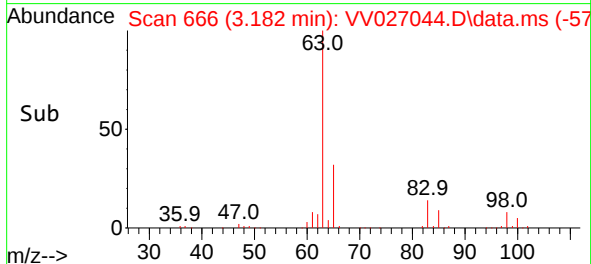
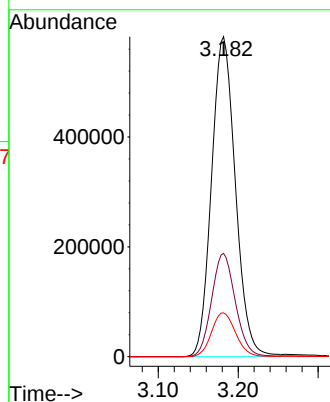
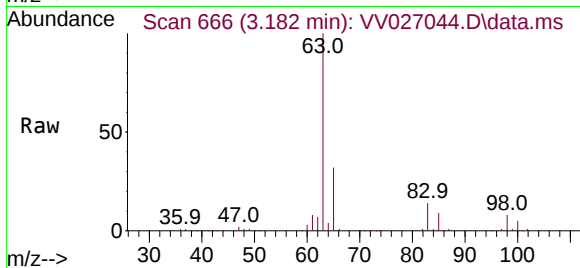
MSVOA_V

ClientSampleId :

VSTD200241

Tgt Ion: 63 Resp: 1207109

Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.7	42.3
83	13.7	9.5	17.7



#20

cis-1,2-Dichloroethene

Concen: 148.055 ug/L

RT: 3.902 min Scan# 890

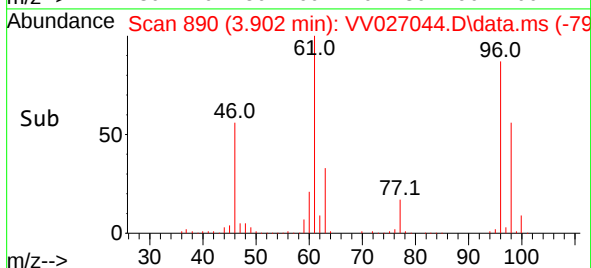
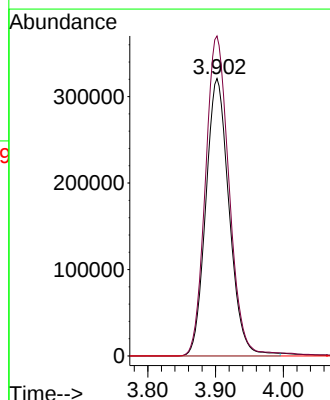
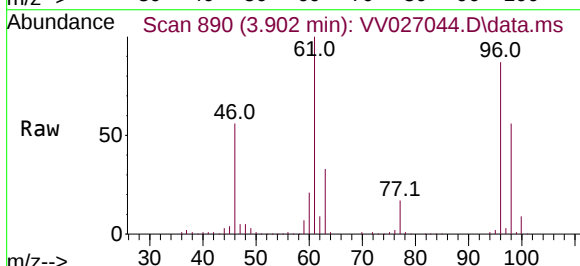
Delta R.T. -0.003 min

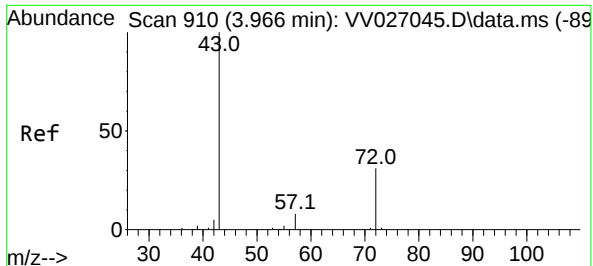
Lab File: VV027044.D

Acq: 28 Jul 2022 17:31

Tgt Ion: 96 Resp: 768926

Ion	Ratio	Lower	Upper
96	100		
61	115.4	81.8	151.8
68	0.0	0.0	0.0

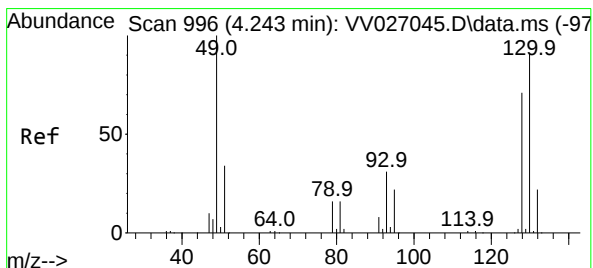
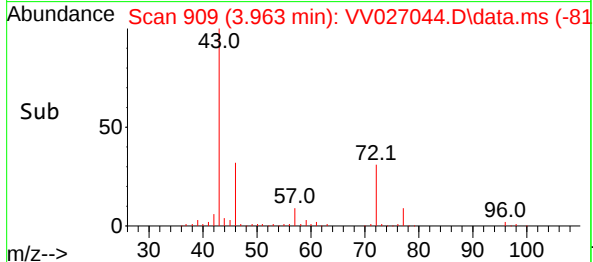
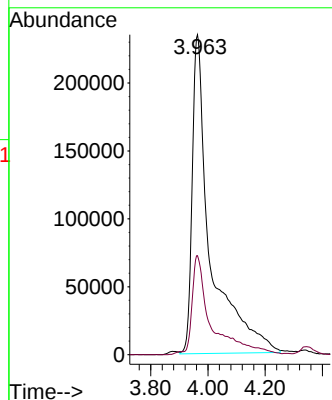
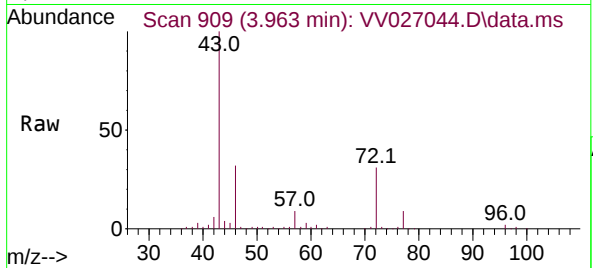




#22
2-Butanone
Concen: 323.927 ug/L
RT: 3.963 min Scan# 909
Delta R.T. -0.003 min
Lab File: VV027044.D
Acq: 28 Jul 2022 17:31

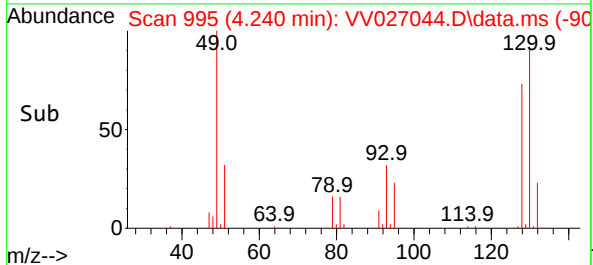
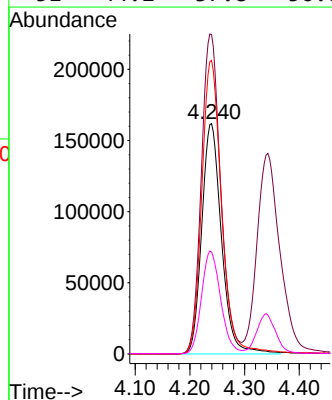
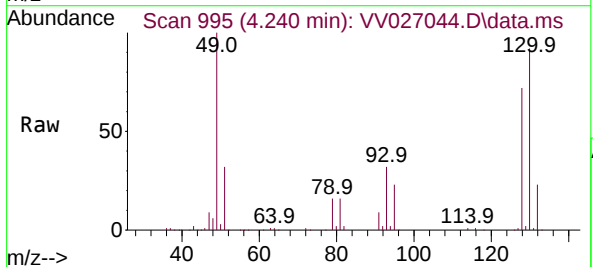
Instrument :
MSVOA_V
ClientSampleId :
VSTD200241

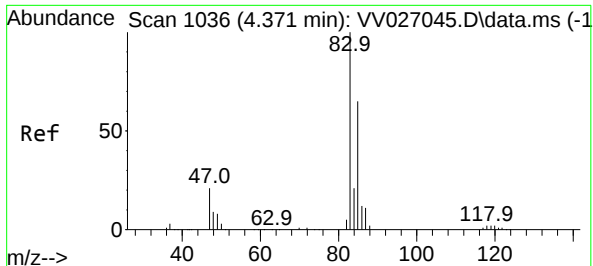
Tgt Ion: 43 Resp: 1040616
Ion Ratio Lower Upper
43 100
72 21.1 11.9 35.7



#23
Bromochloromethane
Concen: 144.586 ug/L
RT: 4.240 min Scan# 995
Delta R.T. -0.003 min
Lab File: VV027044.D
Acq: 28 Jul 2022 17:31

Tgt Ion: 128 Resp: 404504
Ion Ratio Lower Upper
128 100
49 138.6 98.7 183.3
130 127.4 89.5 166.1
51 44.2 37.8 56.8





#25

Chloroform

Concen: 136.452 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VV027044.D

Acq: 28 Jul 2022 17:31

Instrument :

MSVOA_V

ClientSampleId :

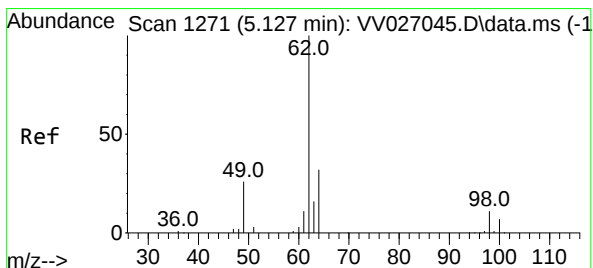
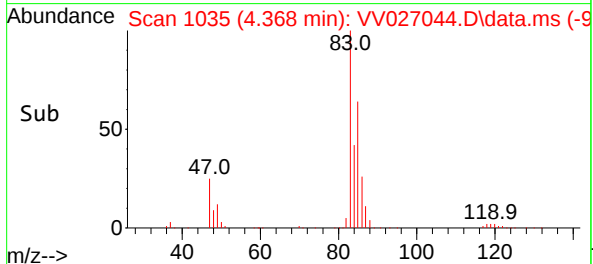
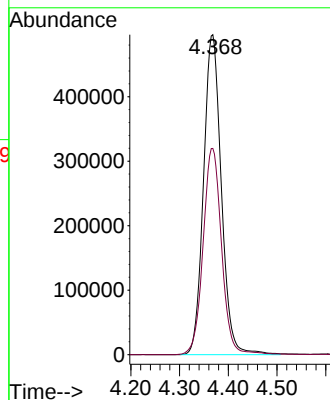
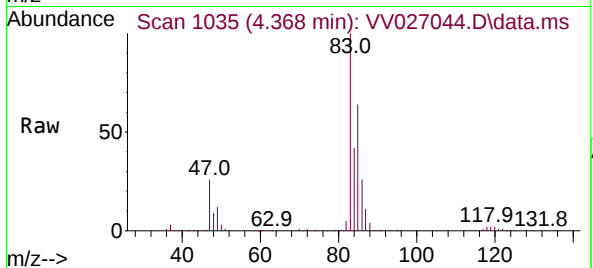
VSTD200241

Tgt Ion: 83 Resp: 1261671

Ion Ratio Lower Upper

83 100

85 64.5 45.4 84.4



#27

1,2-Dichloroethane

Concen: 140.755 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.003 min

Lab File: VV027044.D

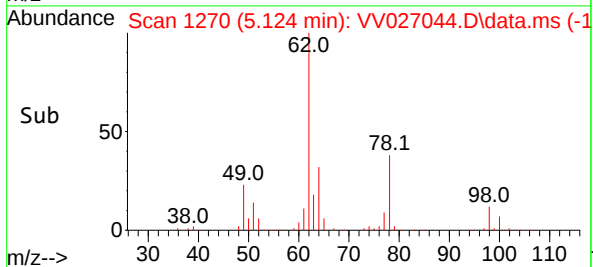
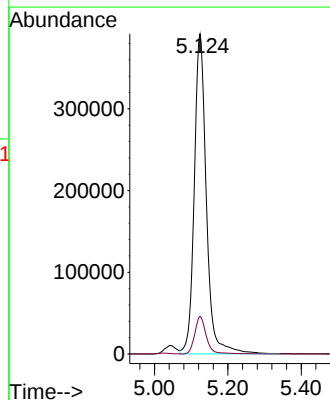
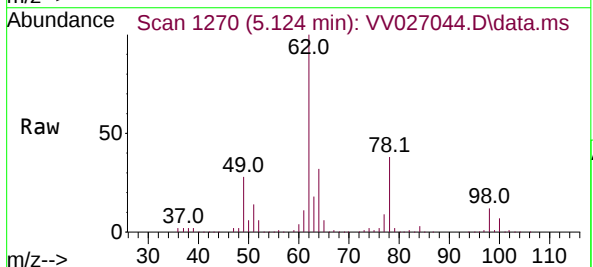
Acq: 28 Jul 2022 17:31

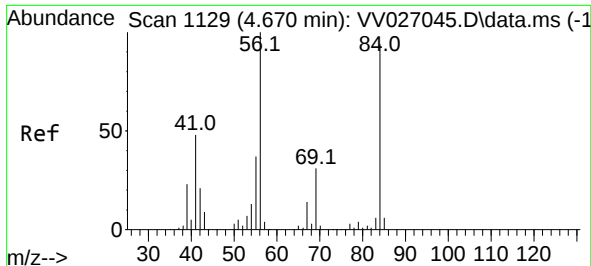
Tgt Ion: 62 Resp: 895567

Ion Ratio Lower Upper

62 100

98 11.8 9.0 13.6



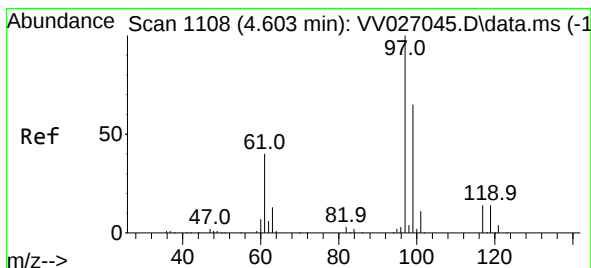
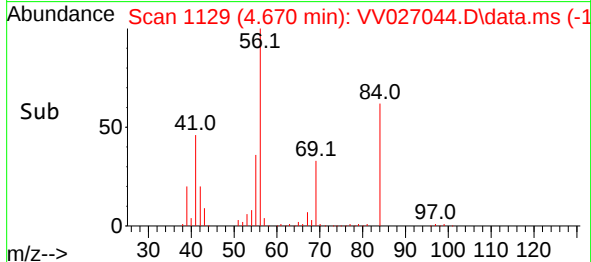
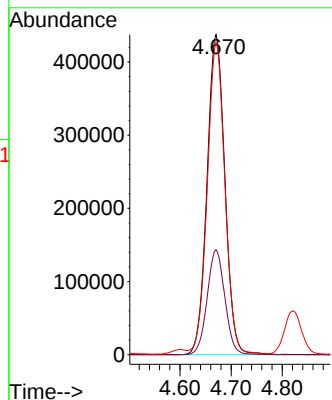
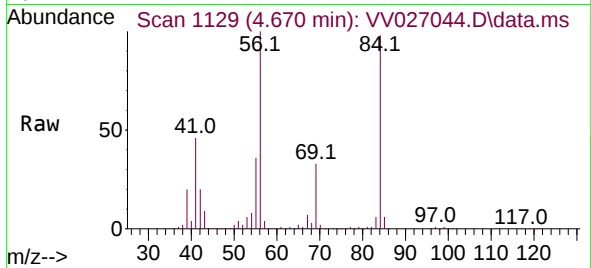


#29
Cyclohexane
Concen: 157.343 ug/L
RT: 4.670 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VV027044.D
Acq: 28 Jul 2022 17:31

Instrument :
MSVOA_V
ClientSampleId :
VSTD200241

Tgt Ion: 56 Resp: 1065437

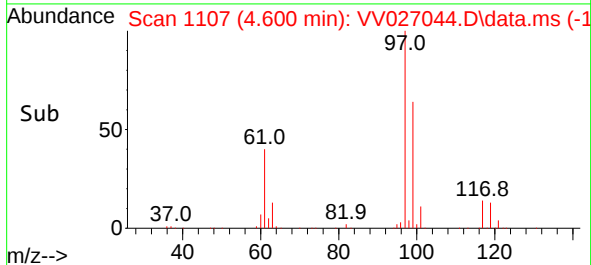
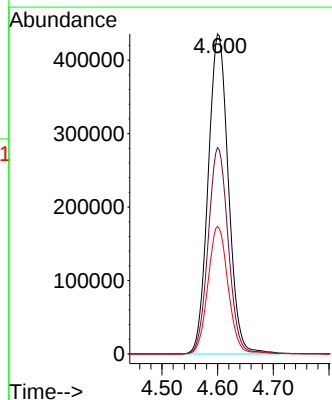
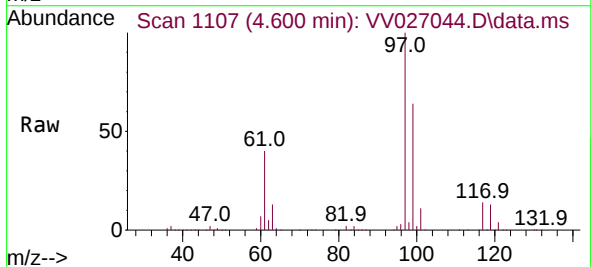
Ion	Ratio	Lower	Upper
56	100		
69	32.3	25.9	38.9
84	96.0	75.3	112.9

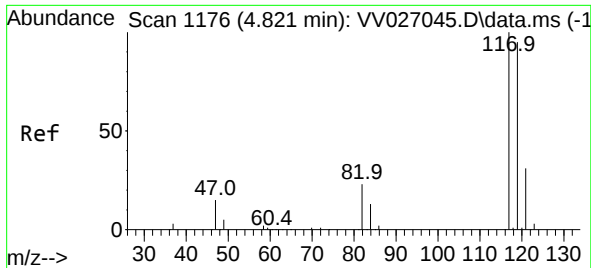


#30
1,1,1-Trichloroethane
Concen: 136.003 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. -0.003 min
Lab File: VV027044.D
Acq: 28 Jul 2022 17:31

Tgt Ion: 97 Resp: 1100147

Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.4	77.2
61	39.9	32.1	48.1

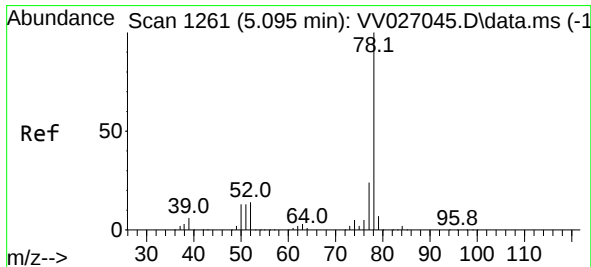
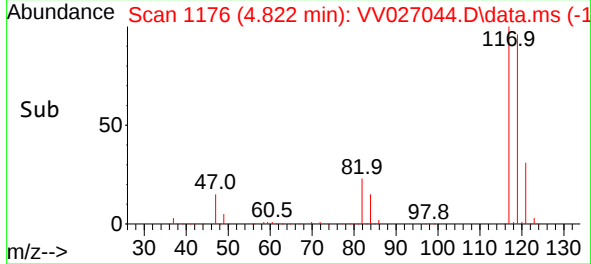
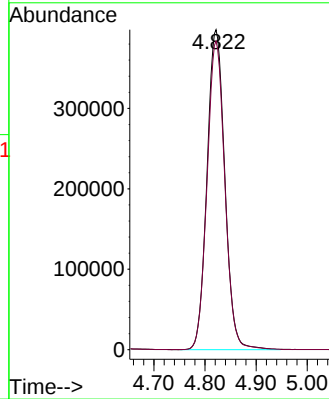
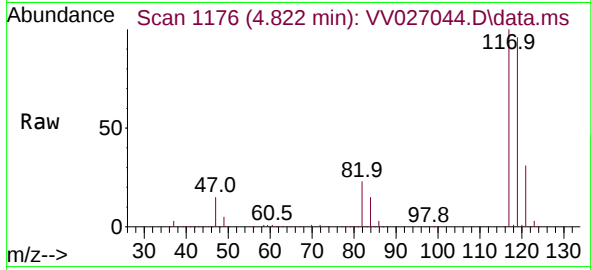




#31
Carbon tetrachloride
Concen: 136.763 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VV027044.D
Acq: 28 Jul 2022 17:31

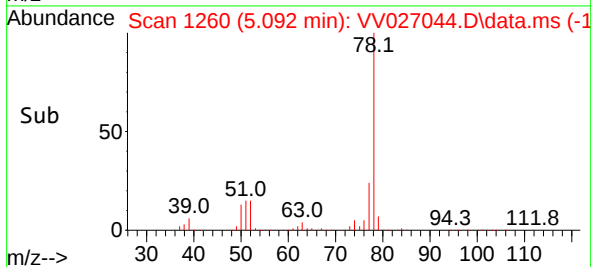
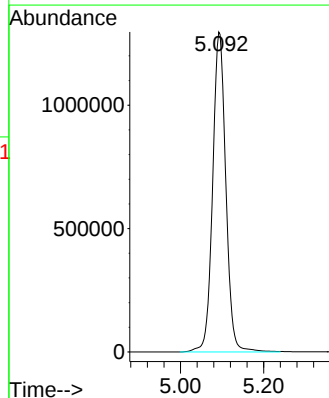
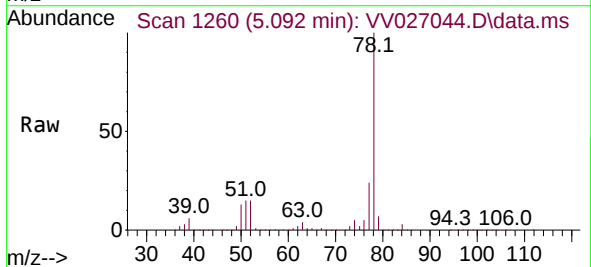
Instrument :
MSVOA_V
ClientSampleId :
VSTD200241

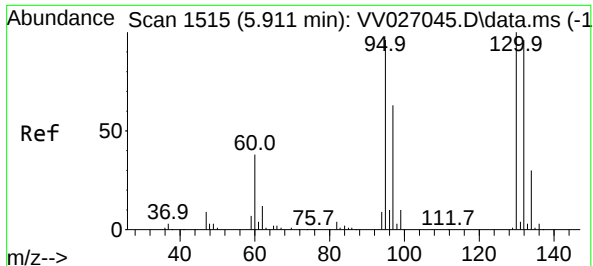
Tgt Ion:117 Resp: 963080
Ion Ratio Lower Upper
117 100
119 96.4 77.0 115.6



#33
Benzene
Concen: 140.394 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VV027044.D
Acq: 28 Jul 2022 17:31

Tgt Ion: 78 Resp: 2851474

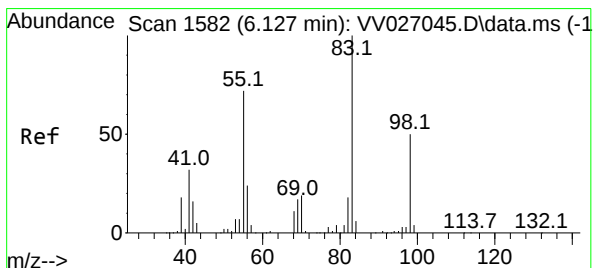
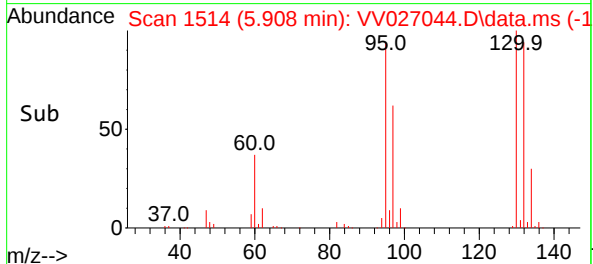
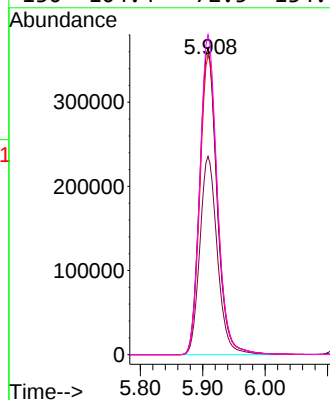
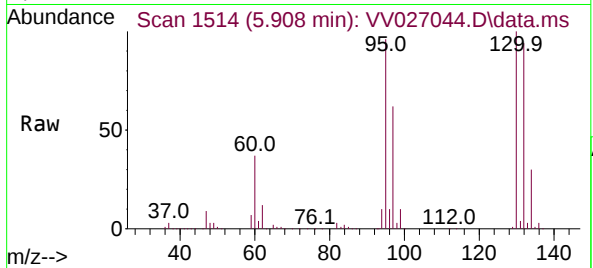




#34
Trichloroethene
Concen: 135.393 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.003 min
Lab File: VV027044.D
Acq: 28 Jul 2022 17:31

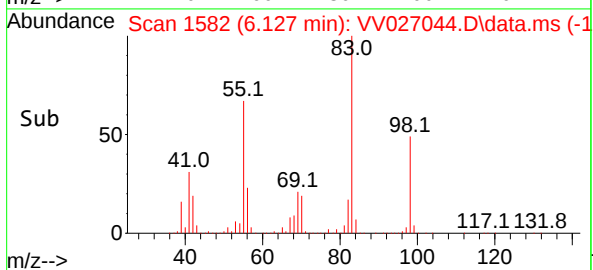
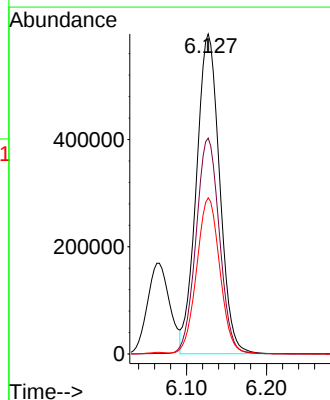
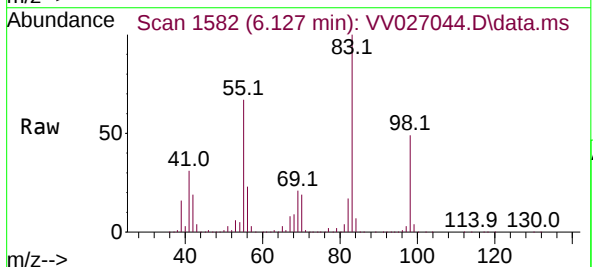
Instrument :
MSVOA_V
ClientSampleId :
VSTD200241

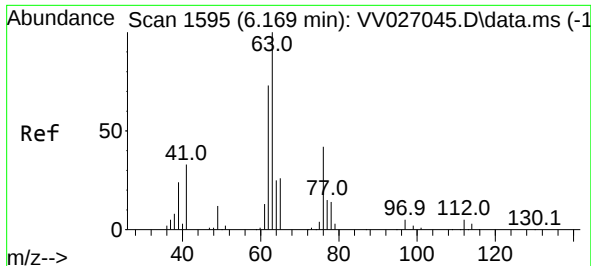
Tgt Ion: 95 Resp: 707761
Ion Ratio Lower Upper
95 100
97 64.6 45.9 85.3
132 97.8 69.8 129.6
130 104.4 72.5 134.7



#35
Methylcyclohexane
Concen: 154.759 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV027044.D
Acq: 28 Jul 2022 17:31

Tgt Ion: 83 Resp: 1206901
Ion Ratio Lower Upper
83 100
55 68.0 55.5 83.3
98 49.0 39.0 58.4





#37

1,2-Dichloropropane

Concen: 140.913 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV027044.D

Acq: 28 Jul 2022 17:31

Instrument :

MSVOA_V

ClientSampleId :

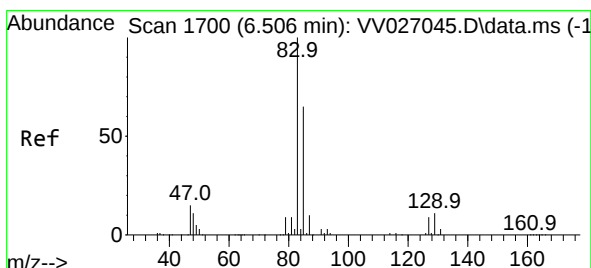
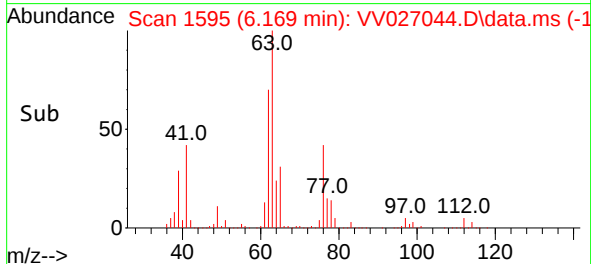
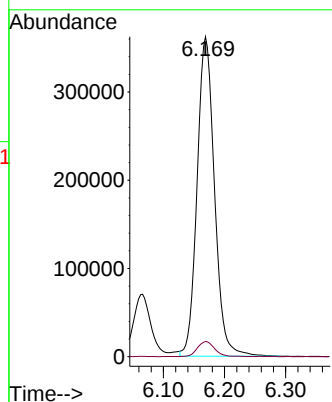
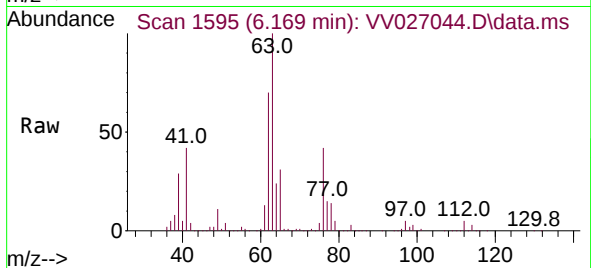
VSTD200241

Tgt Ion: 63 Resp: 716290

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 138.493 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VV027044.D

Acq: 28 Jul 2022 17:31

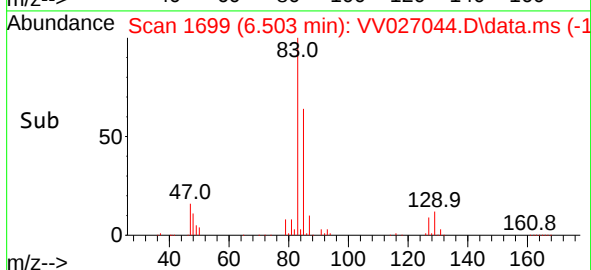
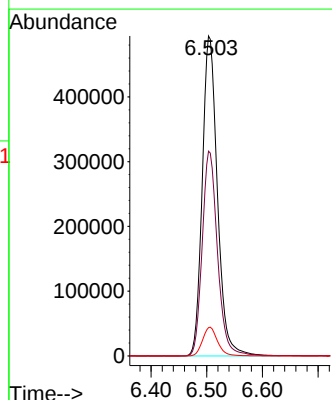
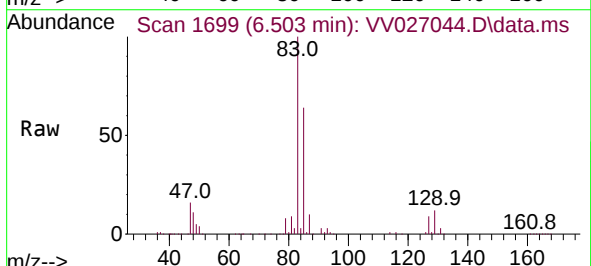
Tgt Ion: 83 Resp: 935066

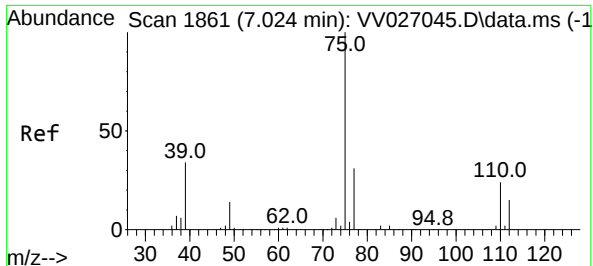
Ion Ratio Lower Upper

83 100

85 64.0 45.5 84.5

127 8.9 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 157.241 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV027044.D

Acq: 28 Jul 2022 17:31

Instrument :

MSVOA_V

ClientSampleId :

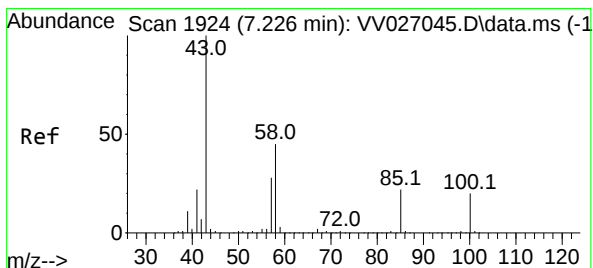
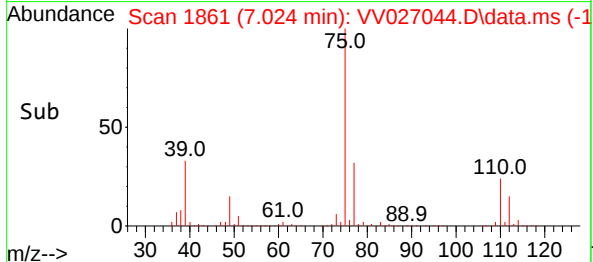
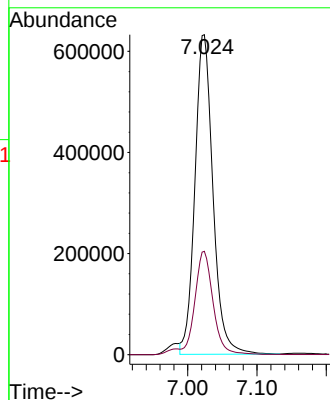
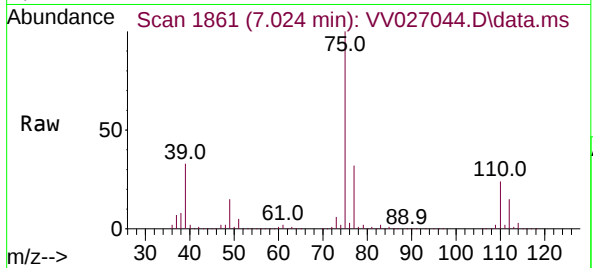
VSTD200241

Tgt Ion: 75 Resp: 1146638

Ion Ratio Lower Upper

75 100

77 32.3 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 296.088 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.003 min

Lab File: VV027044.D

Acq: 28 Jul 2022 17:31

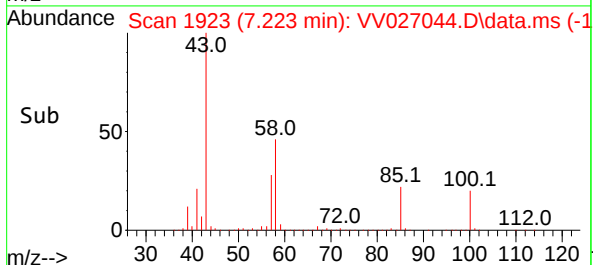
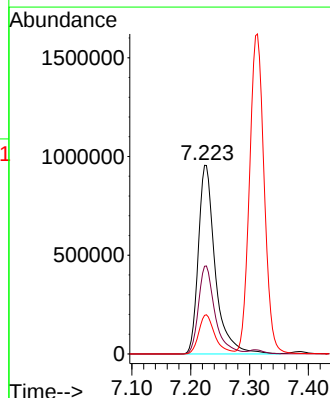
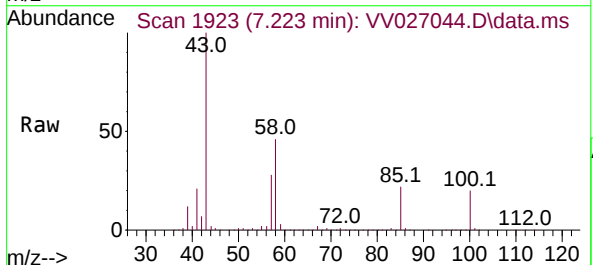
Tgt Ion: 43 Resp: 1903667

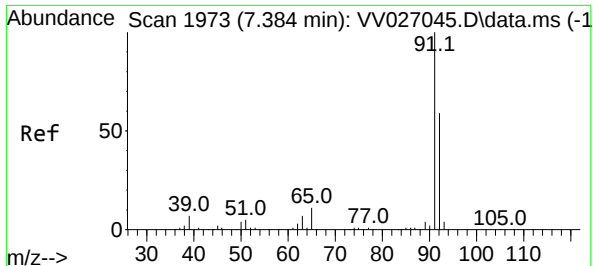
Ion Ratio Lower Upper

43 100

58 45.7 35.3 52.9

100 20.0 15.7 23.5

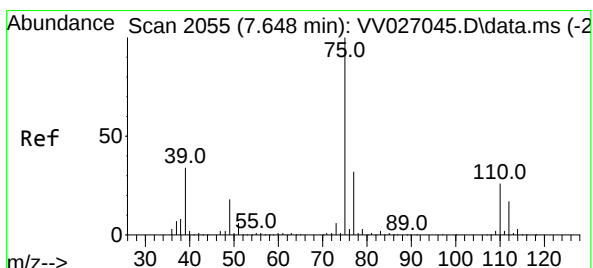
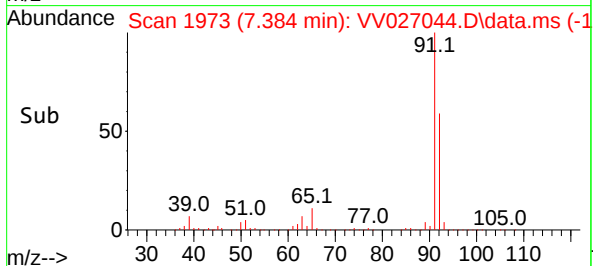
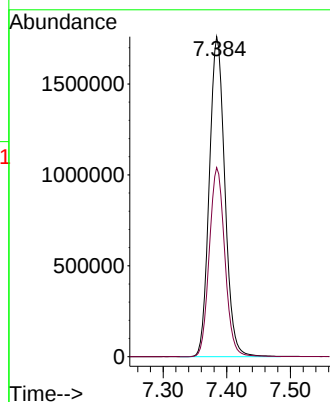
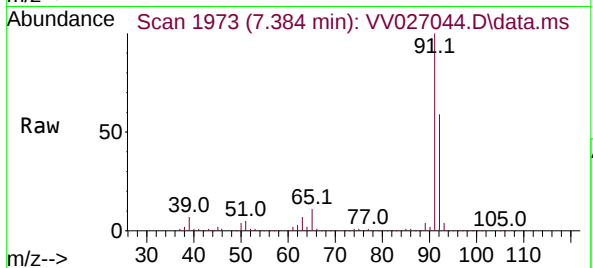




#42
Toluene
Concen: 142.543 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VV027044.D
Acq: 28 Jul 2022 17:31

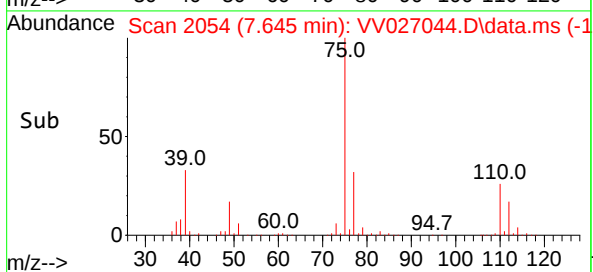
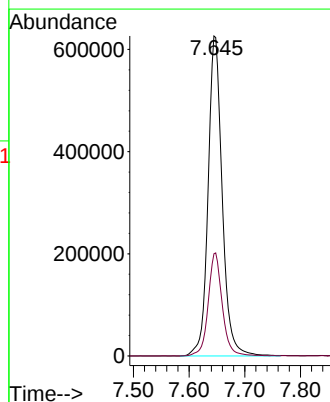
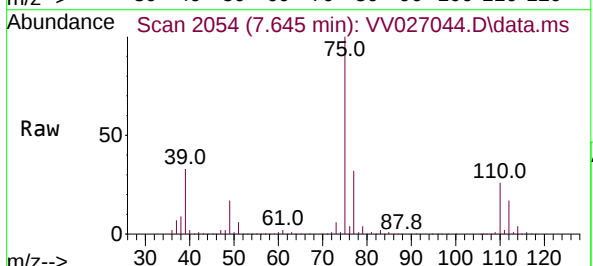
Instrument :
MSVOA_V
ClientSampleId :
VSTD200241

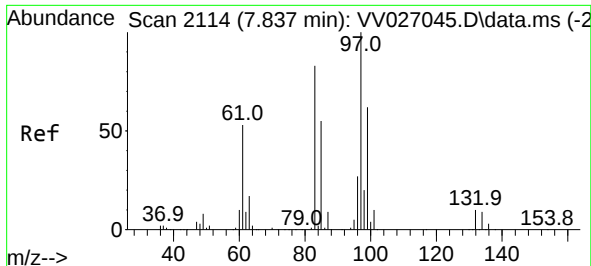
Tgt Ion: 91 Resp: 2984981
Ion Ratio Lower Upper
91 100
92 59.1 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 155.516 ug/L
RT: 7.645 min Scan# 2054
Delta R.T. -0.003 min
Lab File: VV027044.D
Acq: 28 Jul 2022 17:31

Tgt Ion: 75 Resp: 1102545
Ion Ratio Lower Upper
75 100
77 32.0 22.0 41.0



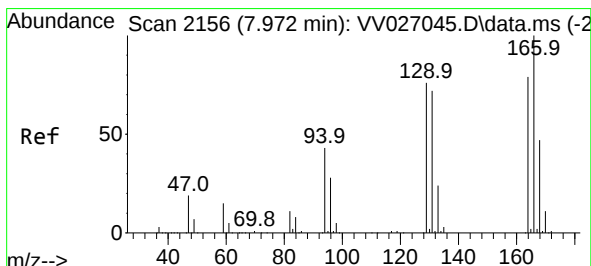
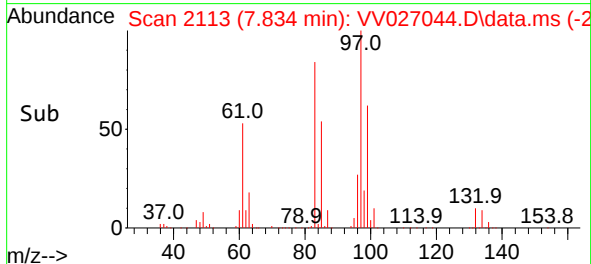
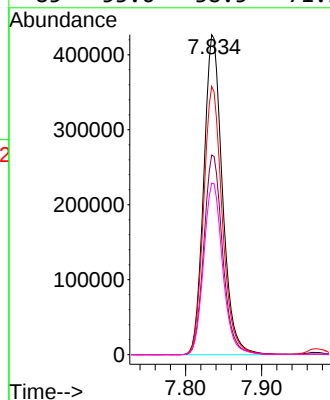
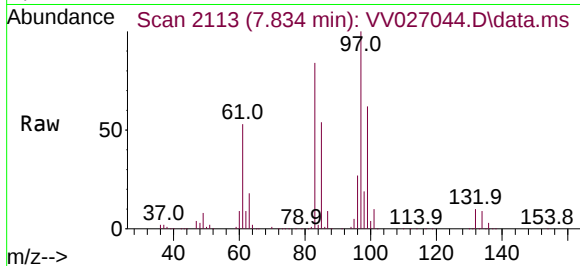


#45
1,1,2-Trichloroethane
Concen: 133.581 ug/L
RT: 7.834 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV027044.D
Acq: 28 Jul 2022 17:31

Instrument :
MSVOA_V
ClientSampleId :
VSTD200241

Tgt Ion: 97 Resp: 726980

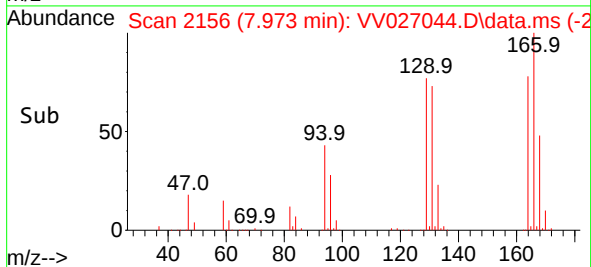
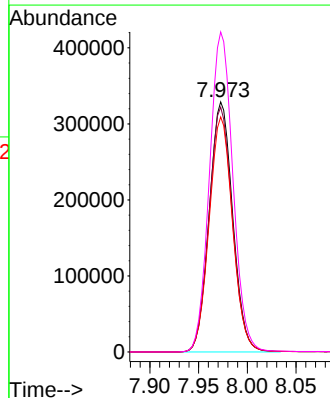
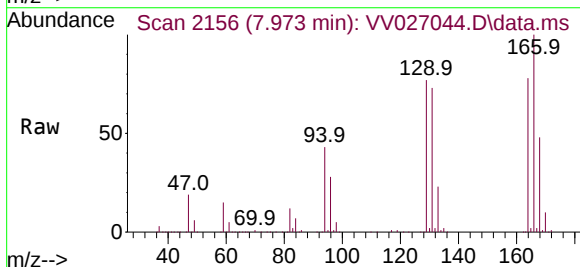
Ion	Ratio	Lower	Upper
97	100		
99	62.4	43.2	80.2
83	83.8	58.0	107.6
85	53.6	38.5	71.5

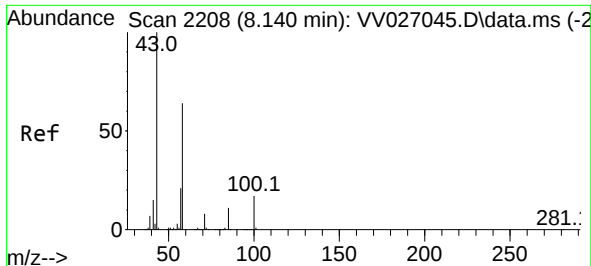


#46
Tetrachloroethene
Concen: 134.896 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV027044.D
Acq: 28 Jul 2022 17:31

Tgt Ion: 164 Resp: 551556

Ion	Ratio	Lower	Upper
164	100		
129	97.9	67.5	125.4
131	94.0	64.3	119.3
166	127.9	88.9	165.1



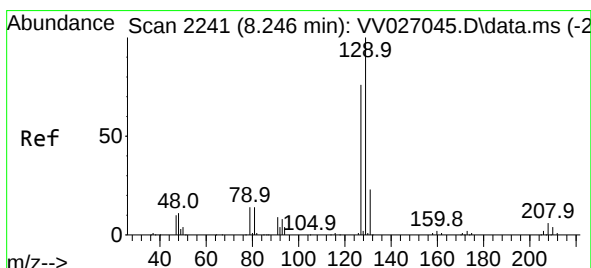
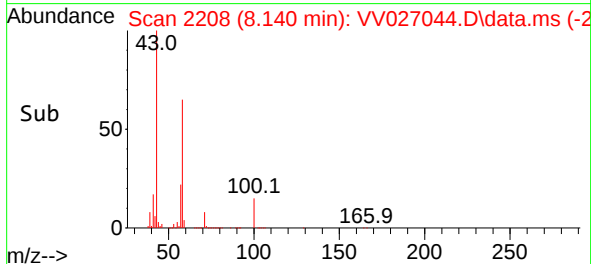
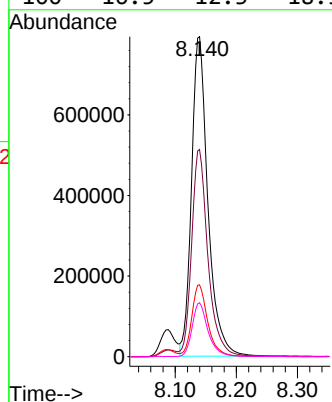
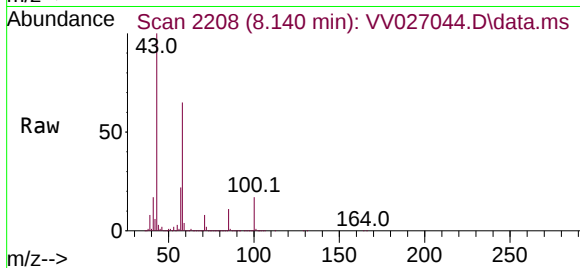


#48
2-Hexanone
Concen: 290.901 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027044.D
Acq: 28 Jul 2022 17:31

Instrument :
MSVOA_V
ClientSampleId :
VSTD200241

Tgt Ion: 43 Resp: 1473913

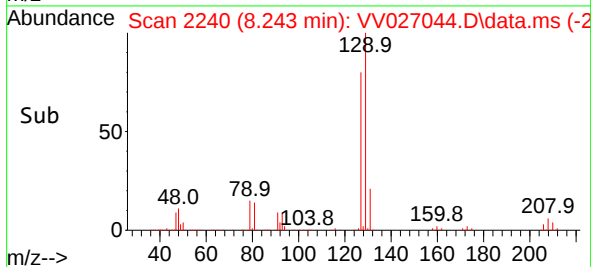
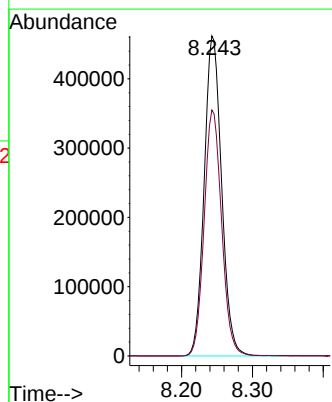
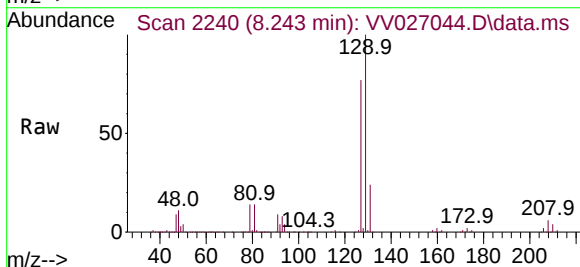
Ion	Ratio	Lower	Upper
43	100		
58	64.5	50.8	76.2
57	22.0	17.1	25.7
100	16.5	12.3	18.5

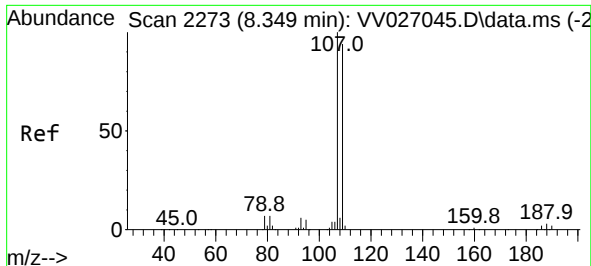


#49
Dibromochloromethane
Concen: 140.861 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.003 min
Lab File: VV027044.D
Acq: 28 Jul 2022 17:31

Tgt Ion: 129 Resp: 788383

Ion	Ratio	Lower	Upper
129	100		
127	76.9	53.3	98.9





#50

1,2-Dibromoethane

Concen: 135.968 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV027044.D

Acq: 28 Jul 2022 17:31

Instrument :

MSVOA_V

ClientSampleId :

VSTD200241

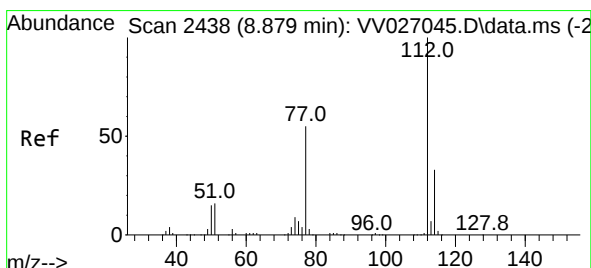
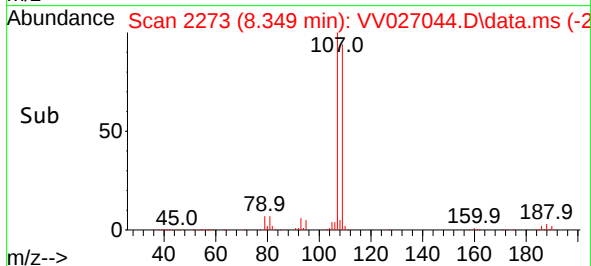
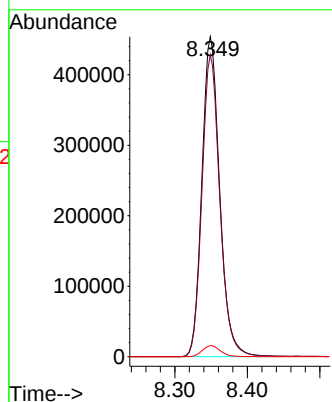
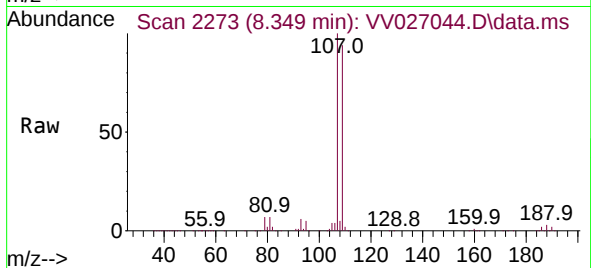
Tgt Ion:107 Resp: 775940

Ion Ratio Lower Upper

107 100

109 94.3 65.7 121.9

188 3.4 2.7 4.1



#51

Chlorobenzene

Concen: 137.001 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV027044.D

Acq: 28 Jul 2022 17:31

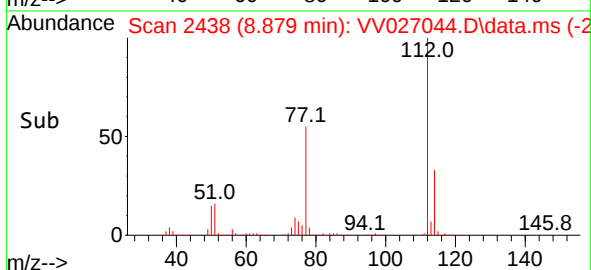
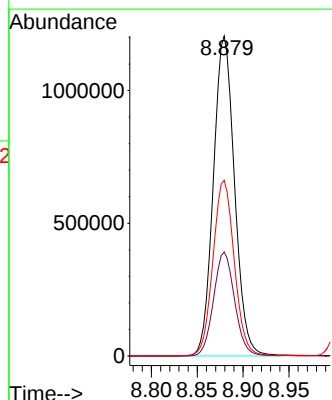
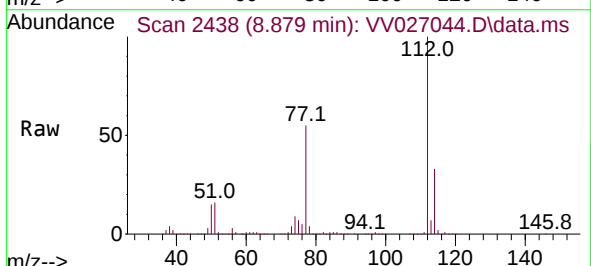
Tgt Ion:112 Resp: 1934813

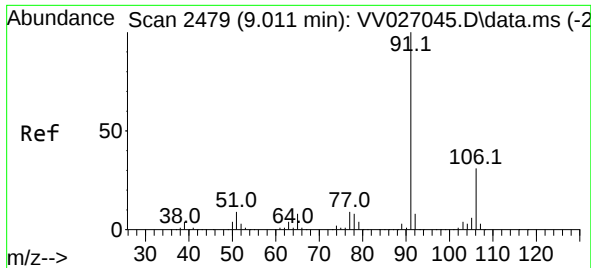
Ion Ratio Lower Upper

112 100

114 32.5 22.8 42.4

77 54.9 44.2 66.2

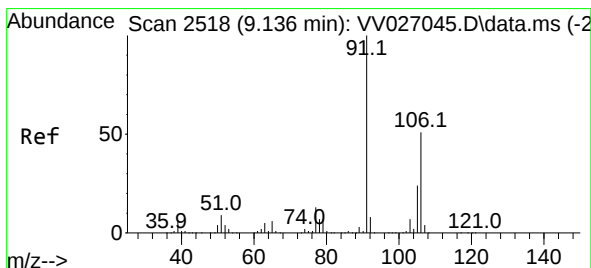
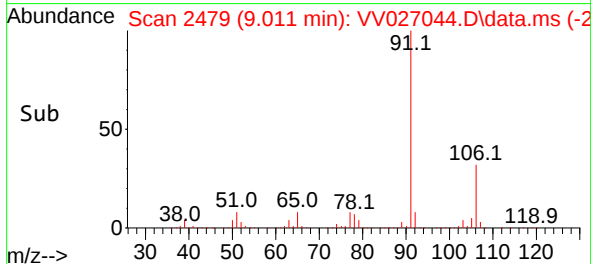
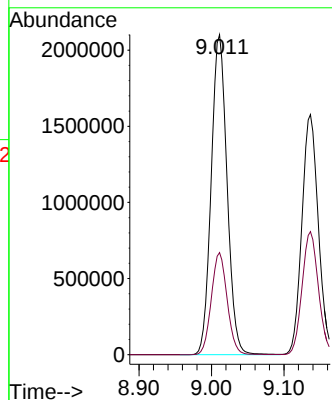
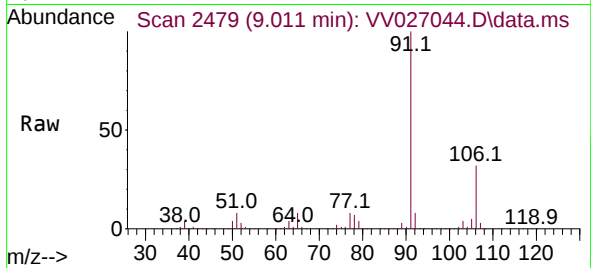




#52
Ethylbenzene
Concen: 150.548 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV027044.D
Acq: 28 Jul 2022 17:31

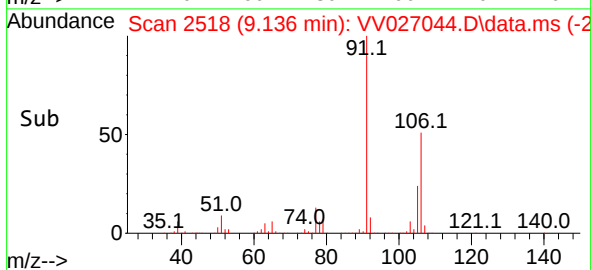
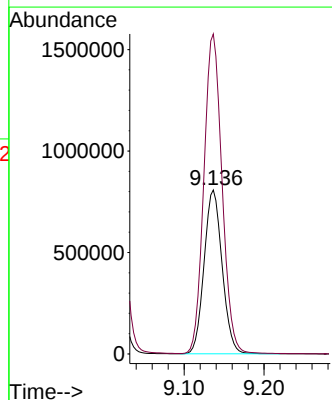
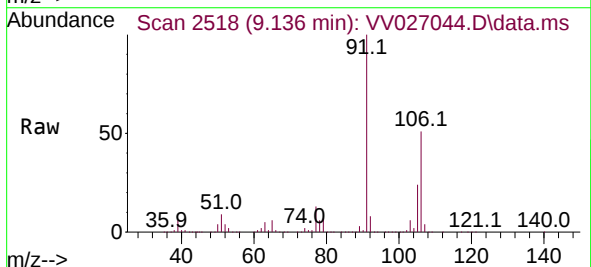
Instrument :
MSVOA_V
ClientSampleId :
VSTD200241

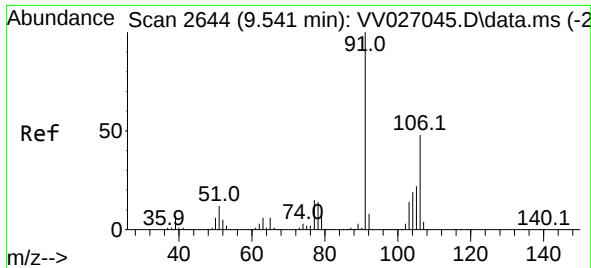
Tgt Ion: 91 Resp: 3192221
Ion Ratio Lower Upper
91 100
106 31.9 21.8 40.6



#53
m,p-Xylene
Concen: 152.134 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV027044.D
Acq: 28 Jul 2022 17:31

Tgt Ion: 106 Resp: 1268831
Ion Ratio Lower Upper
106 100
91 195.0 137.5 255.3

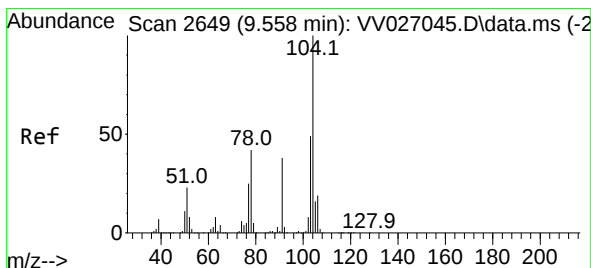
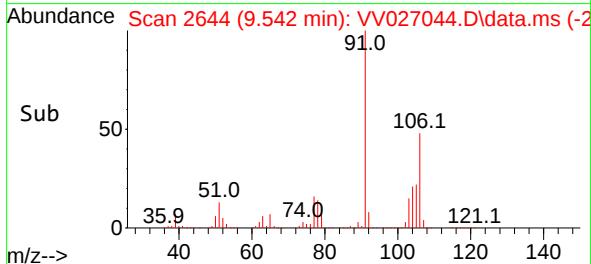
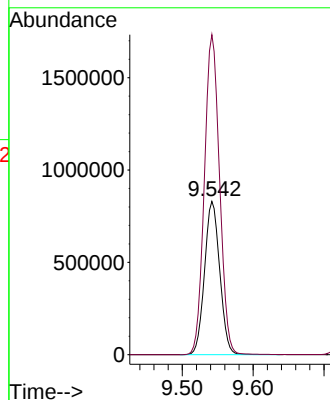
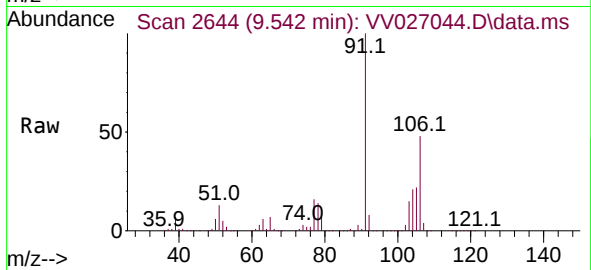




#54
o-Xylene
Concen: 153.826 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027044.D
Acq: 28 Jul 2022 17:31

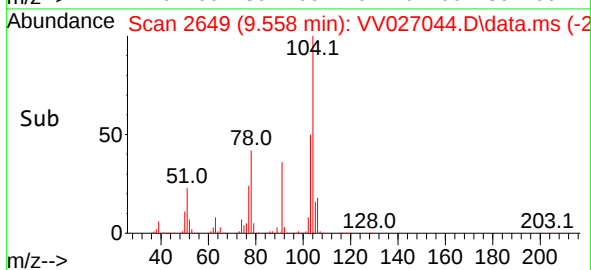
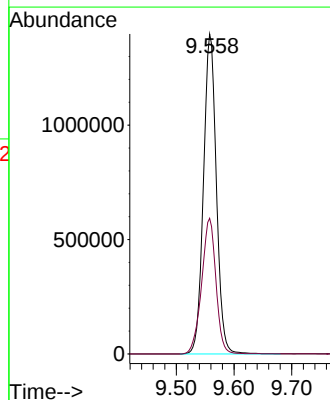
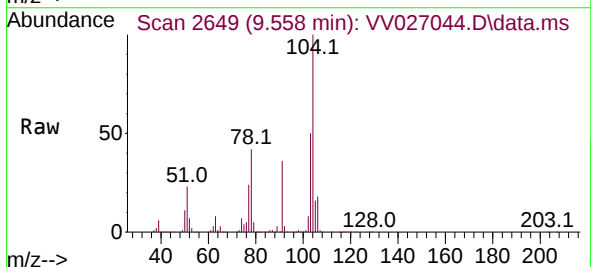
Instrument :
MSVOA_V
ClientSampleId :
VSTD200241

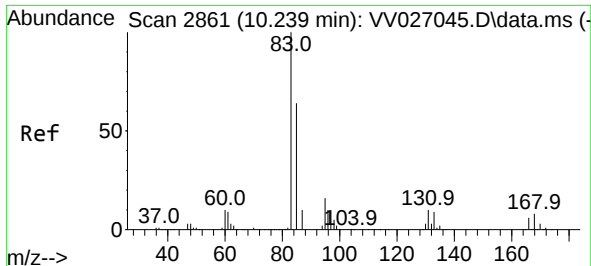
Tgt Ion:106 Resp: 1235499
Ion Ratio Lower Upper
106 100
91 208.7 146.6 272.2



#55
Styrene
Concen: 154.500 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV027044.D
Acq: 28 Jul 2022 17:31

Tgt Ion:104 Resp: 2171757
Ion Ratio Lower Upper
104 100
78 42.4 29.6 55.0

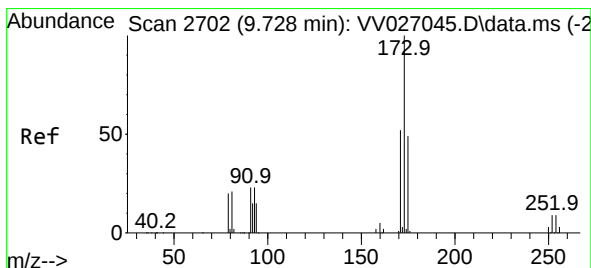
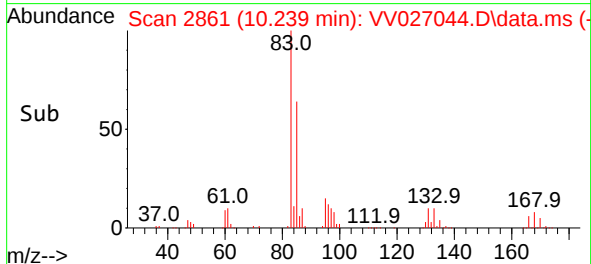
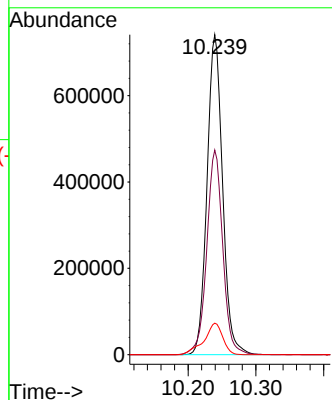
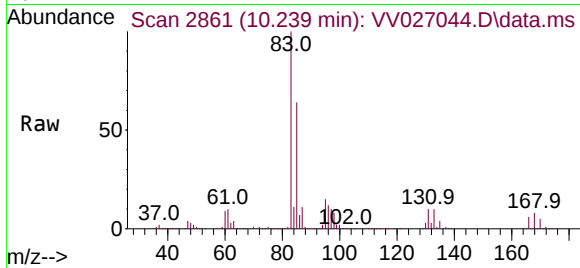




#57
1,1,2,2-Tetrachloroethane
Concen: 134.469 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV027044.D
Acq: 28 Jul 2022 17:31

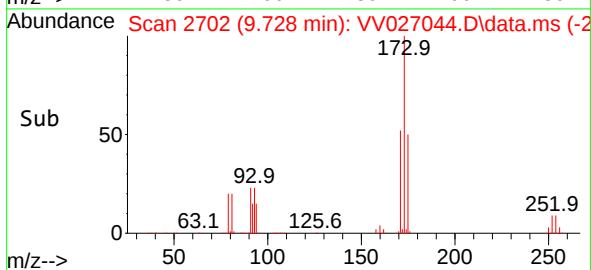
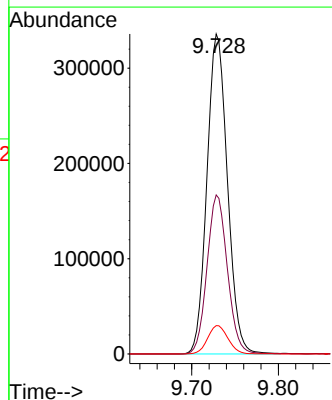
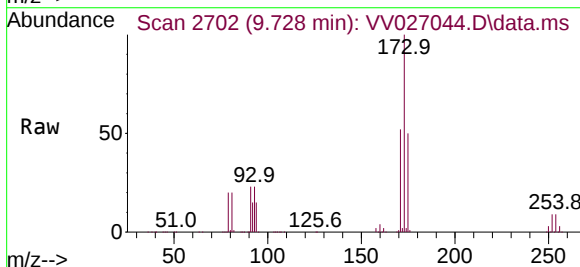
Instrument :
MSVOA_V
ClientSampleId :
VSTD200241

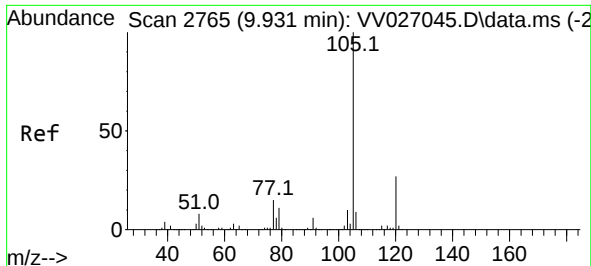
Tgt Ion: 83 Resp: 1179873
Ion Ratio Lower Upper
83 100
85 64.0 45.2 84.0
131 9.9 8.1 12.1



#59
Bromoform
Concen: 138.083 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.000 min
Lab File: VV027044.D
Acq: 28 Jul 2022 17:31

Tgt Ion: 173 Resp: 552529
Ion Ratio Lower Upper
173 100
175 49.4 39.0 58.4
254 8.8 6.9 10.3

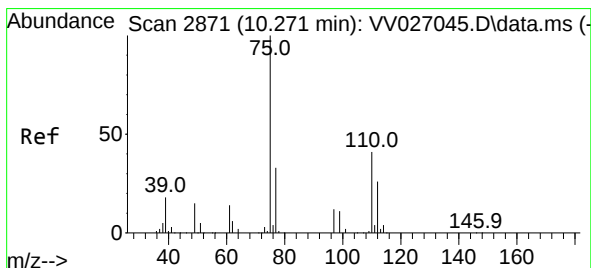
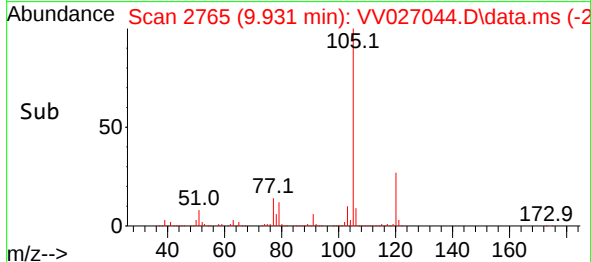
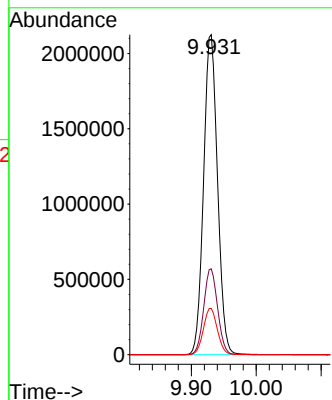
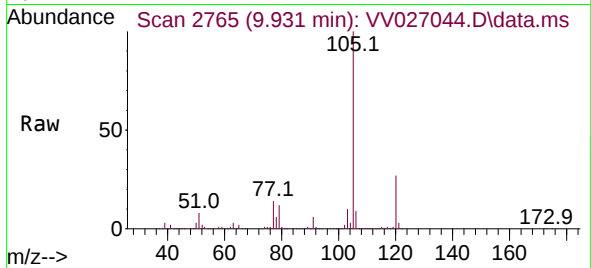




#60
Isopropylbenzene
Concen: 144.435 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV027044.D
Acq: 28 Jul 2022 17:31

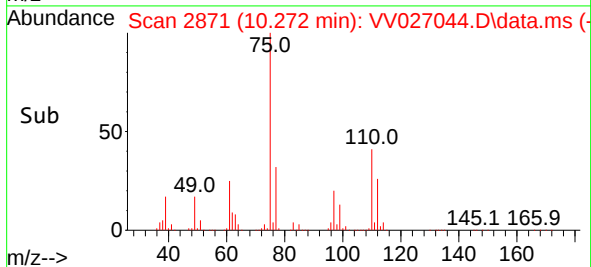
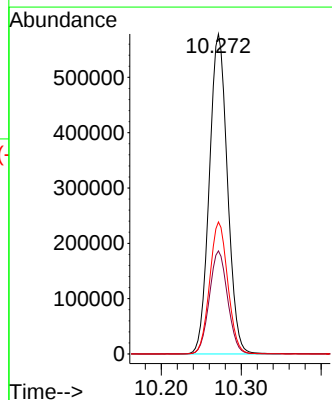
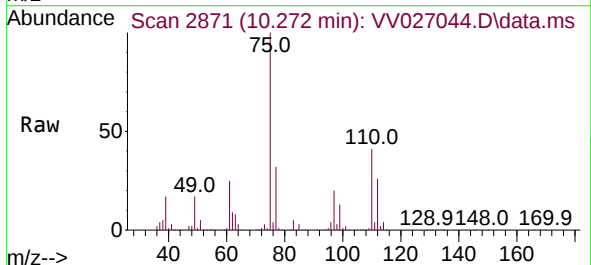
Instrument :
MSVOA_V
ClientSampleId :
VSTD200241

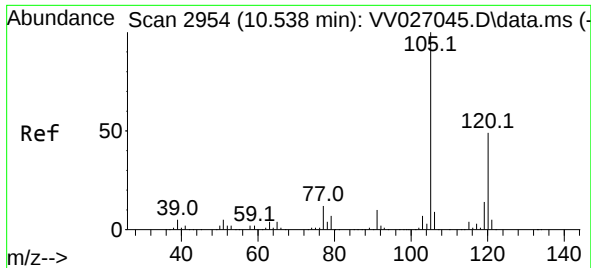
Tgt Ion:105 Resp: 3175026
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.0
77 14.5 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 123.350 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027044.D
Acq: 28 Jul 2022 17:31

Tgt Ion: 75 Resp: 911275
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8
110 41.2 32.7 49.1

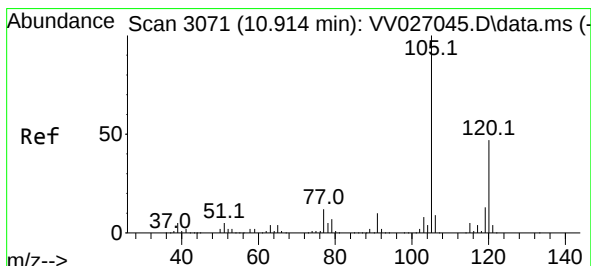
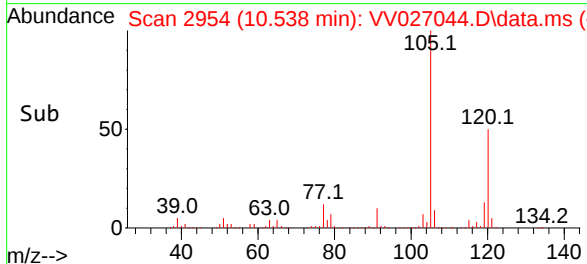
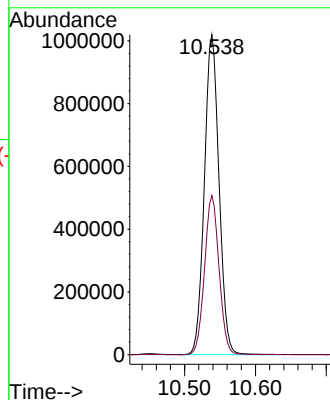
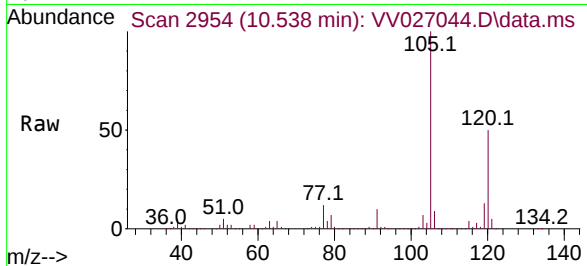




#62
 1,3,5-Trimethylbenzene
 Concen: 155.161 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV027044.D
 Acq: 28 Jul 2022 17:31

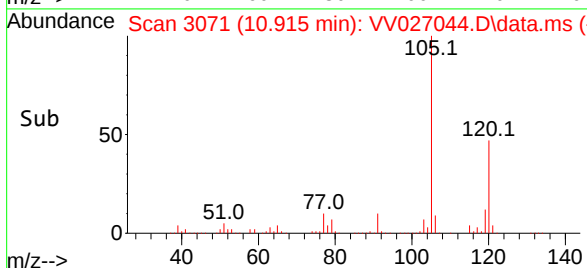
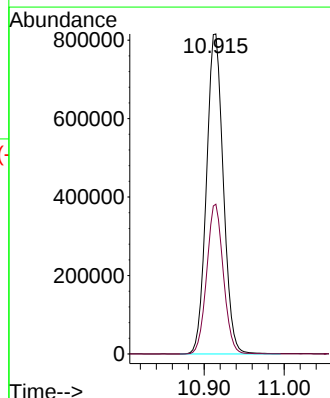
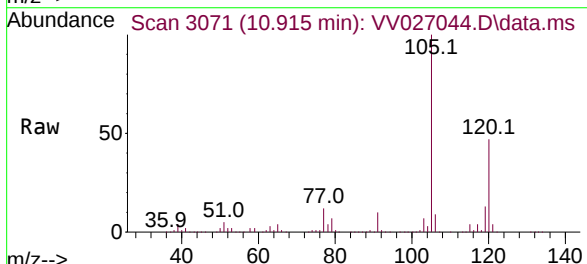
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200241

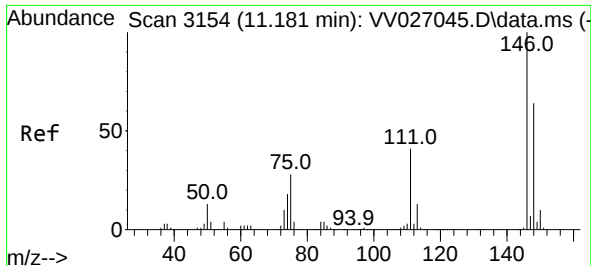
Tgt Ion:105 Resp: 1459875
 Ion Ratio Lower Upper
 105 100
 120 49.3 39.3 58.9



#63
 1,2,4-Trimethylbenzene
 Concen: 159.181 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV027044.D
 Acq: 28 Jul 2022 17:31

Tgt Ion:105 Resp: 1195169
 Ion Ratio Lower Upper
 105 100
 120 46.2 37.0 55.6

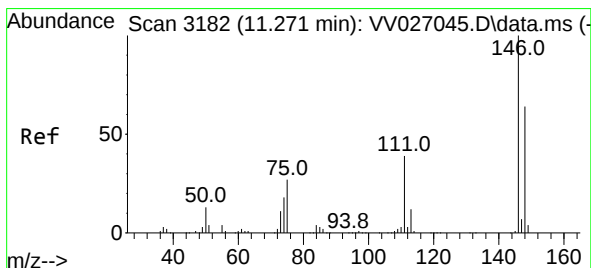
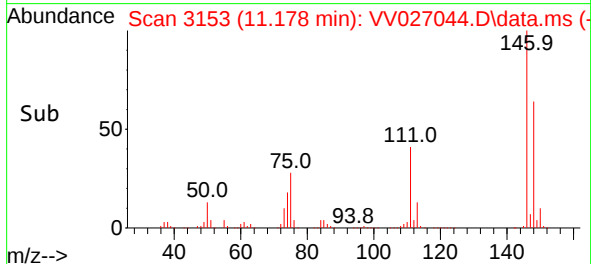
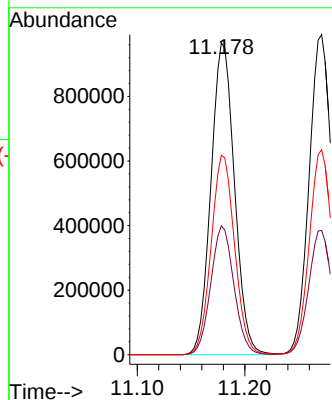
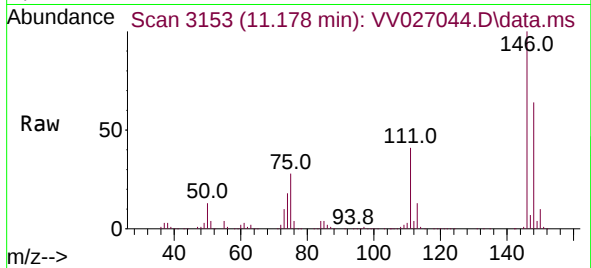




#64
 1,3-Dichlorobenzene
 Concen: 137.944 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. -0.003 min
 Lab File: VV027044.D
 Acq: 28 Jul 2022 17:31

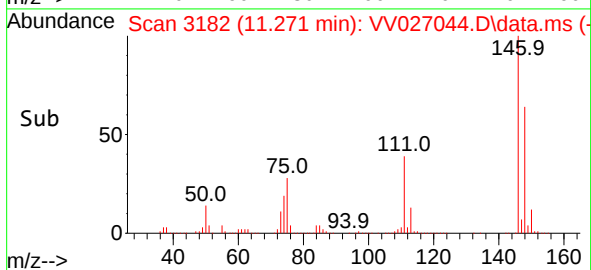
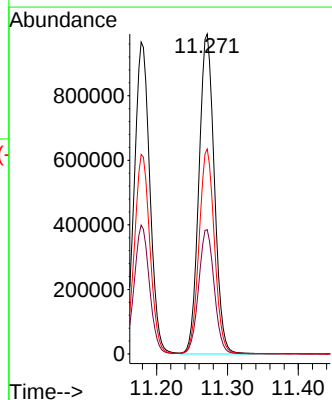
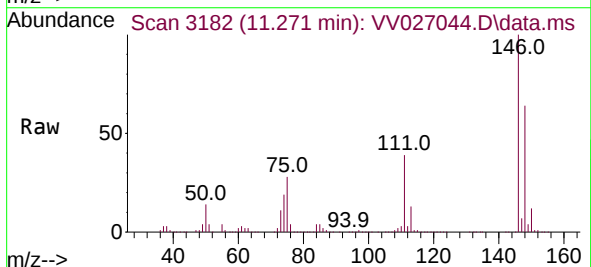
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200241

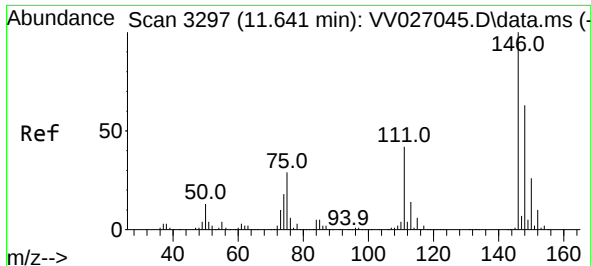
Tgt Ion:146 Resp: 1472041
 Ion Ratio Lower Upper
 146 100
 111 41.3 28.4 52.8
 148 64.0 44.7 82.9



#65
 1,4-Dichlorobenzene
 Concen: 133.564 ug/L
 RT: 11.271 min Scan# 3182
 Delta R.T. 0.000 min
 Lab File: VV027044.D
 Acq: 28 Jul 2022 17:31

Tgt Ion:146 Resp: 1501946
 Ion Ratio Lower Upper
 146 100
 111 38.8 27.4 51.0
 148 64.0 44.6 82.8

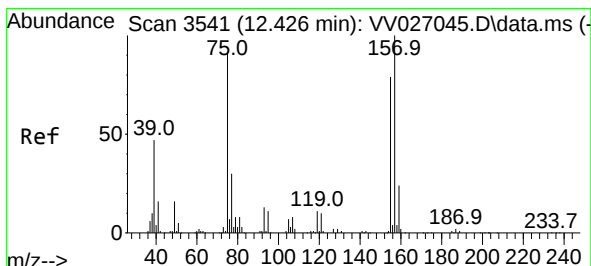
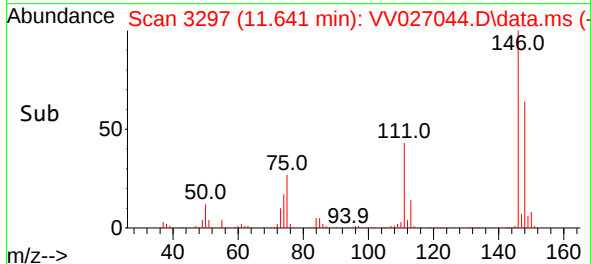
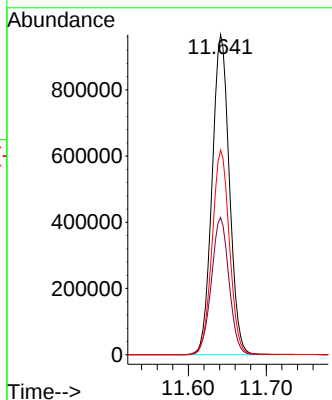
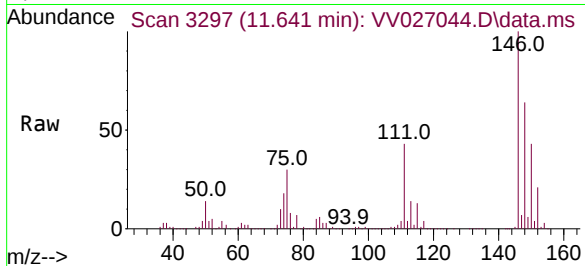




#67
 1,2-Dichlorobenzene
 Concen: 133.613 ug/L
 RT: 11.641 min Scan# 3297
 Delta R.T. 0.000 min
 Lab File: VV027044.D
 Acq: 28 Jul 2022 17:31

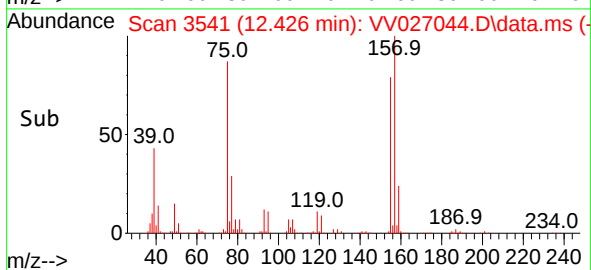
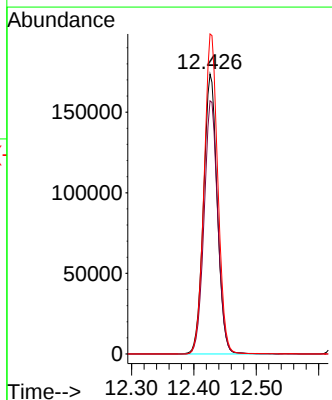
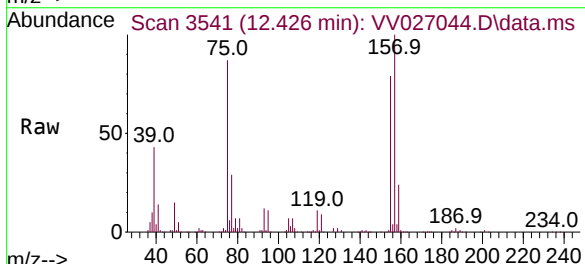
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200241

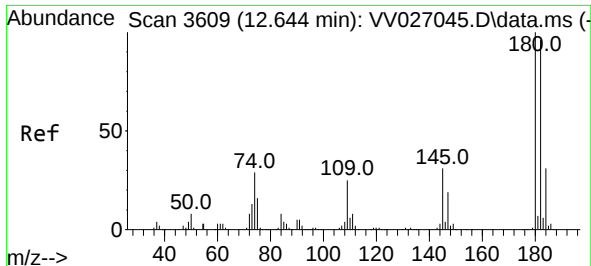
Tgt Ion:146 Resp: 1489031
 Ion Ratio Lower Upper
 146 100
 111 42.8 34.0 51.0
 148 64.0 50.5 75.7



#68
 1,2-Dibromo-3-chloropropane
 Concen: 137.795 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. 0.000 min
 Lab File: VV027044.D
 Acq: 28 Jul 2022 17:31

Tgt Ion: 75 Resp: 266899
 Ion Ratio Lower Upper
 75 100
 155 90.5 69.1 103.7
 157 114.4 87.8 131.8

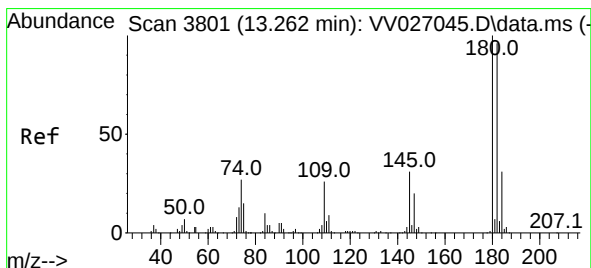
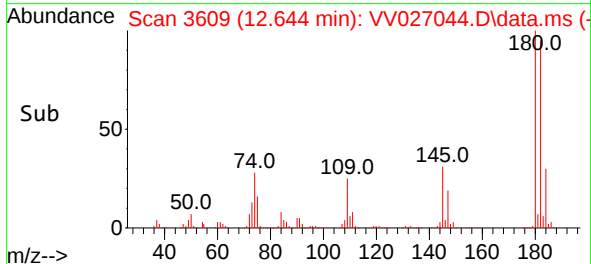
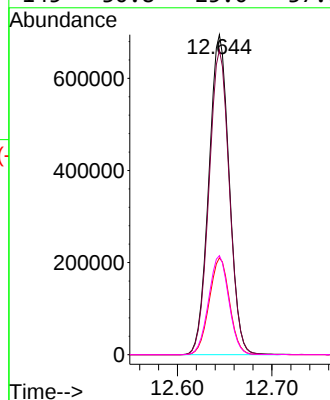
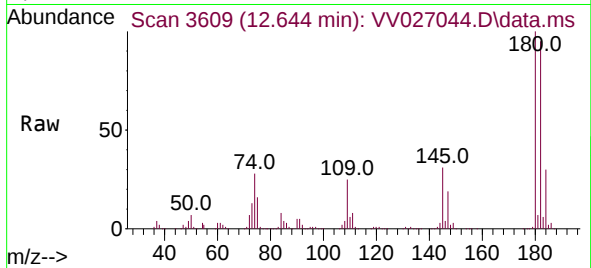




#69
 1,3,5-Trichlorobenzene
 Concen: 143.634 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV027044.D
 Acq: 28 Jul 2022 17:31

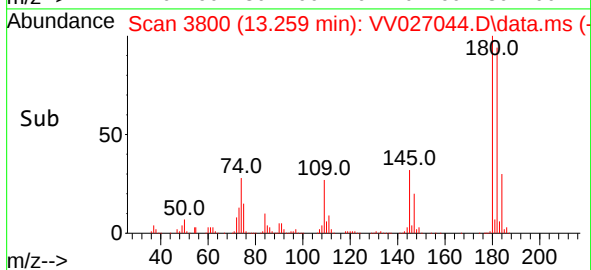
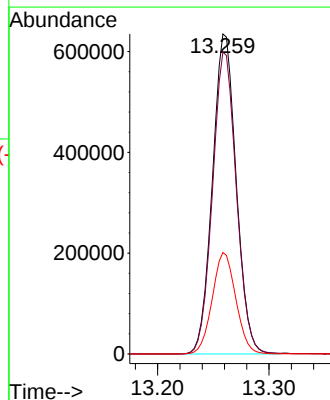
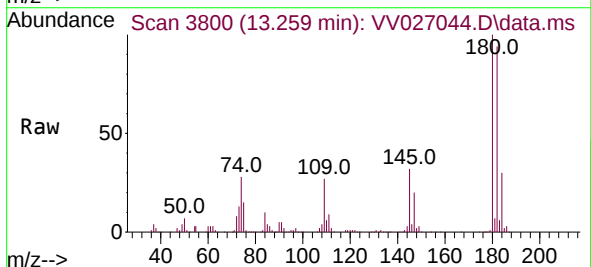
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200241

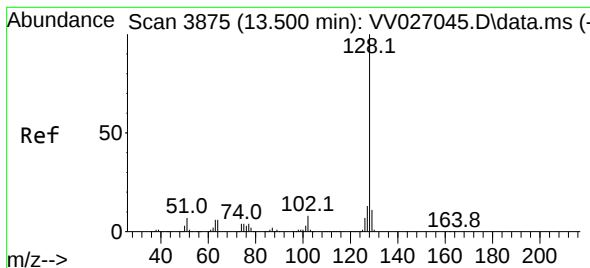
Tgt Ion:180 Resp: 1039598
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.2 114.4
 184 30.1 24.8 37.2
 145 30.8 25.0 37.6



#70
 1,2,4-trichlorobenzene
 Concen: 151.763 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. -0.003 min
 Lab File: VV027044.D
 Acq: 28 Jul 2022 17:31

Tgt Ion:180 Resp: 940159
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.9 113.9
 145 31.5 24.7 37.1





#71

Naphthalene

Concen: 159.178 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV027044.D

Acq: 28 Jul 2022 17:31

Instrument :

MSVOA_V

ClientSampleId :

VSTD200241

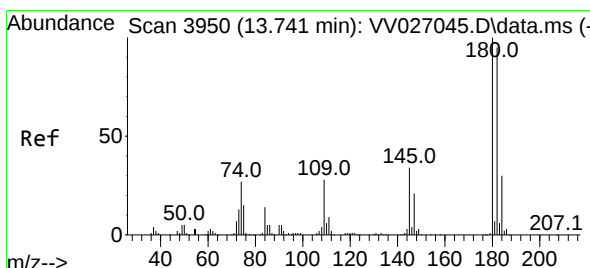
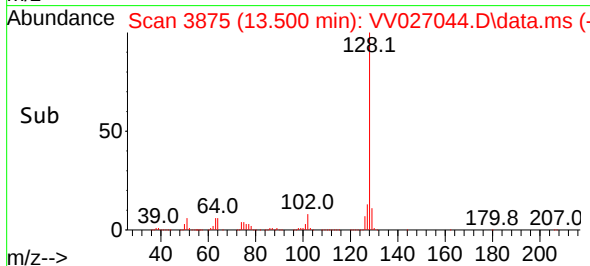
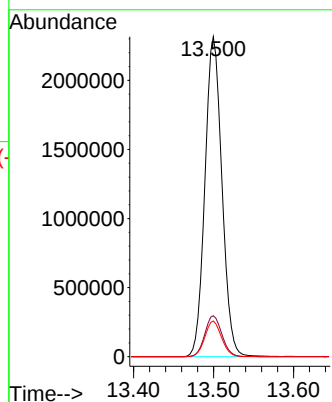
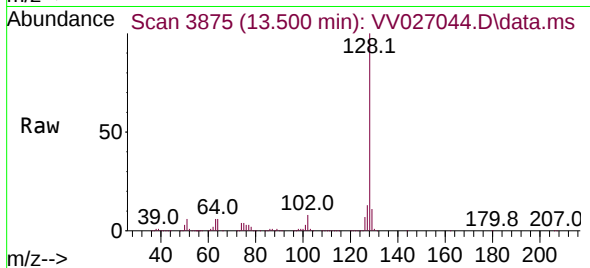
Tgt Ion:128 Resp: 3431174

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 11.0 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 146.368 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV027044.D

Acq: 28 Jul 2022 17:31

Tgt Ion:180 Resp: 983484

Ion Ratio Lower Upper

180 100

182 95.2 76.3 114.5

145 33.7 27.4 41.0

