

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072622\
 Data File : VW026947.D
 Acq On : 26 Jul 2022 12:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050309

Quant Time: Jul 27 01:36:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 25 23:00:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	591557	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	591764	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	335389	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	241814	48.739	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.480%
7) Chloroethane-d5	1.558	69	141422	35.234	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.460%
11) 1,1-Dichloroethene-d2	2.095	63	428780	48.037	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.080%
21) 2-Butanone-d5	3.880	46	326049	97.496	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.500%
24) Chloroform-d	4.336	84	472582	48.398	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.021	65	272330	48.758	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.520%
32) Benzene-d6	5.040	84	944605	52.807	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.620%
36) 1,2-Dichloropropane-d6	6.063	67	292205	50.690	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.380%
41) Toluene-d8	7.310	98	854387	54.590	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.180%
43) trans-1,3-Dichloroprop...	7.616	79	129167	53.476	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.960%
47) 2-Hexanone-d5	8.088	63	247526	98.616	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.620%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	435905	49.777	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.560%
66) 1,2-Dichlorobenzene-d4	11.622	152	329465	52.362	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	271603	44.444	ug/L	100
3) Chloromethane	1.237	50	252238	44.137	ug/L	99
5) Vinyl chloride	1.304	62	274889	45.249	ug/L	98
6) Bromomethane	1.516	94	154591	42.114	ug/L	99
8) Chloroethane	1.574	64	111142	31.134	ug/L	99
9) Trichlorofluoromethane	1.735	101	384732	45.952	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	233840	47.755	ug/L	99
12) 1,1-Dichloroethene	2.105	96	214529	46.903	ug/L	97
13) Acetone	2.172	43	312167	132.941	ug/L	97
14) Carbon disulfide	2.282	76	587571	45.025	ug/L	100
15) Methyl Acetate	2.426	43	247198	47.728	ug/L	99
16) Methylene chloride	2.497	84	269096	46.155	ug/L	98
17) trans-1,2-Dichloroethene	2.748	96	230007	47.591	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	695298	51.789	ug/L	100
19) 1,1-Dichloroethane	3.179	63	428073	48.094	ug/L	99
20) cis-1,2-Dichloroethene	3.899	96	253936	49.856	ug/L	98
22) 2-Butanone	3.963	43	368017	114.912	ug/L	99
23) Bromochloromethane	4.236	128	140364	48.127	ug/L	98
25) Chloroform	4.365	83	453951	47.819	ug/L	99

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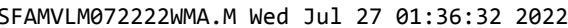
Instrument :
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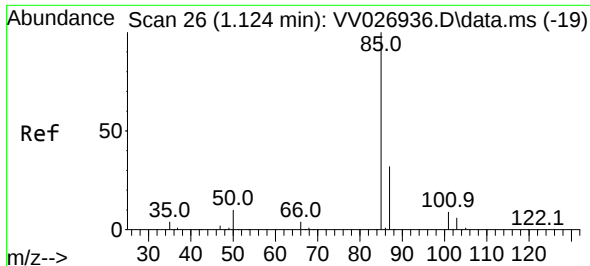
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 Quant Title : VOC Analysis
 QLast Update : Mon Jul 25 23:00:39 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	315994	47.172	ug/L	99
29) Cyclohexane	4.667	56	324778	52.484	ug/L	100
30) 1,1,1-Trichloroethane	4.597	97	386855	49.479	ug/L	99
31) Carbon tetrachloride	4.815	117	337336	49.278	ug/L	99
33) Benzene	5.089	78	984496	51.732	ug/L	100
34) Trichloroethene	5.905	95	238357	48.741	ug/L	97
35) Methylcyclohexane	6.124	83	384211	53.062	ug/L	98
37) 1,2-Dichloropropane	6.166	63	258070	52.104	ug/L	99
38) Bromodichloromethane	6.503	83	329302	49.051	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	366113	53.260	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	615153	104.363	ug/L	98
42) Toluene	7.381	91	1040139	53.547	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	350216	51.663	ug/L	96
45) 1,1,2-Trichloroethane	7.834	97	265489	50.333	ug/L	98
46) Tetrachloroethene	7.973	164	190866	50.033	ug/L	98
48) 2-Hexanone	8.137	43	522510	113.897	ug/L	98
49) Dibromochloromethane	8.243	129	277882	50.404	ug/L	99
50) 1,2-Dibromoethane	8.346	107	267973	49.656	ug/L	98
51) Chlorobenzene	8.879	112	673600	49.750	ug/L	99
52) Ethylbenzene	9.008	91	1054018	52.276	ug/L	100
53) m,p-Xylene	9.137	106	426978	54.084	ug/L	99
54) o-Xylene	9.542	106	409233	53.821	ug/L	100
55) Styrene	9.558	104	749694	55.829	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	425480	49.972	ug/L	100
59) Bromoform	9.728	173	192473	51.366	ug/L	99
60) Isopropylbenzene	9.928	105	1061028	53.532	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	328707	48.842	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	867479	53.852	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	887662	54.938	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	519497	51.299	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	536657	50.013	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	536624	51.648	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	84912	47.225	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	352970	49.235	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	290195	48.042	ug/L	100
71) Naphthalene	13.500	128	913387	48.086	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	311481	49.434	ug/L	98

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

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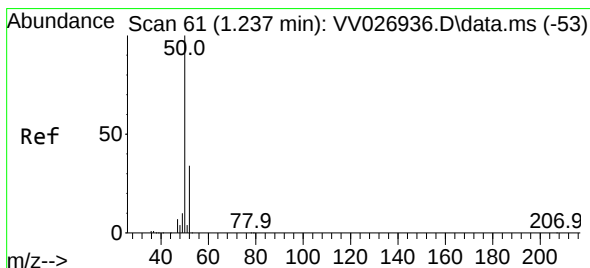
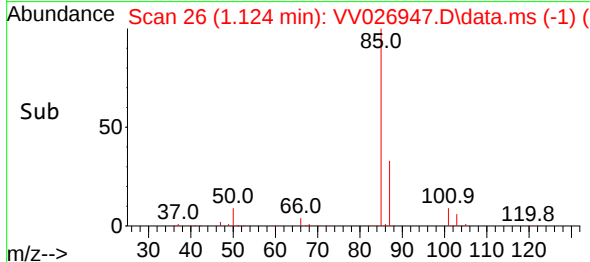
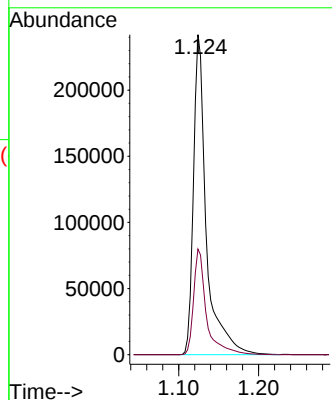
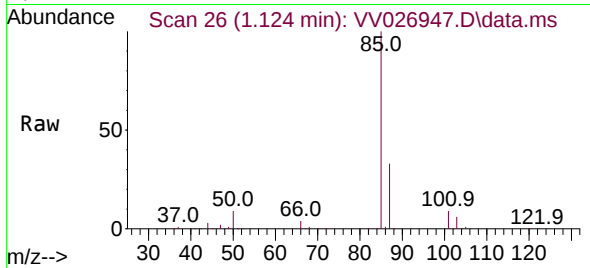




#2
 Dichlorodifluoromethane
 Concen: 44.444 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV026947.D
 Acq: 26 Jul 2022 12:05

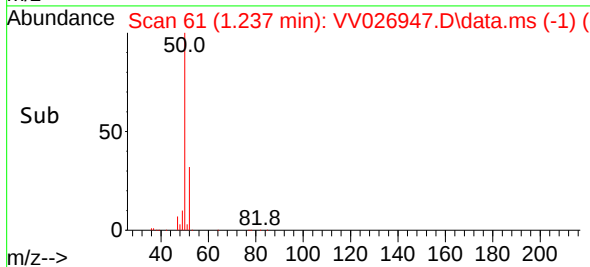
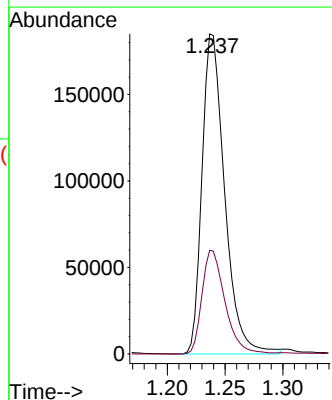
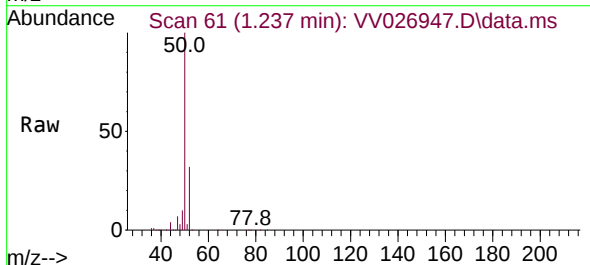
Instrument :
 MSVOA_V
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 VSTD050309

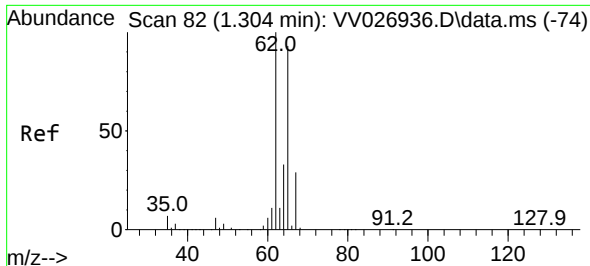
Tgt Ion: 85 Resp: 271603
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.1 39.1



#3
 Chloromethane
 Concen: 44.137 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV026947.D
 Acq: 26 Jul 2022 12:05

Tgt Ion: 50 Resp: 252238
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.1 42.9

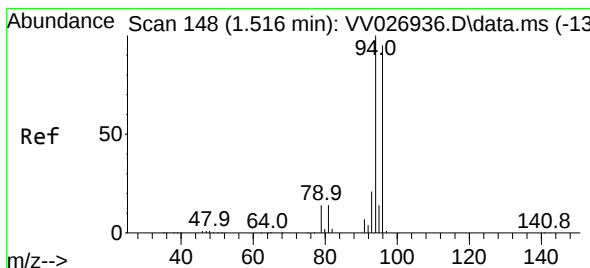
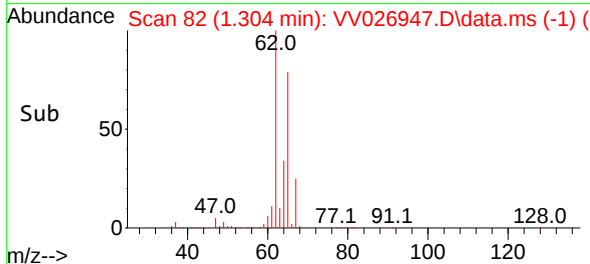
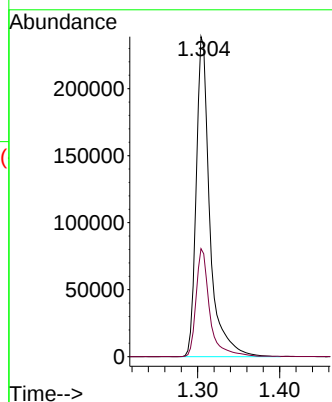
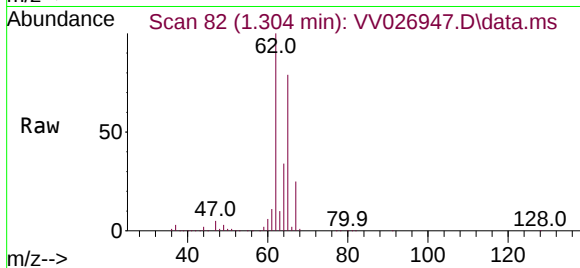




#5
 Vinyl chloride
 Concen: 45.249 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV026947.D
 Acq: 26 Jul 2022 12:05

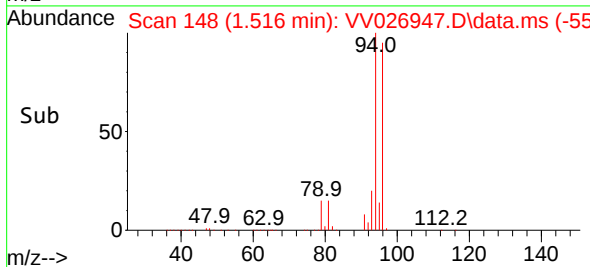
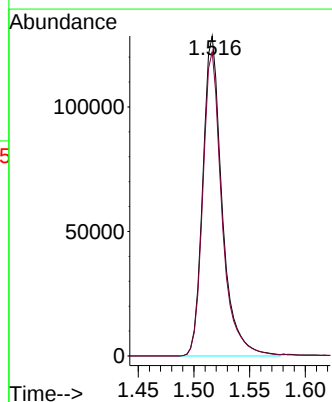
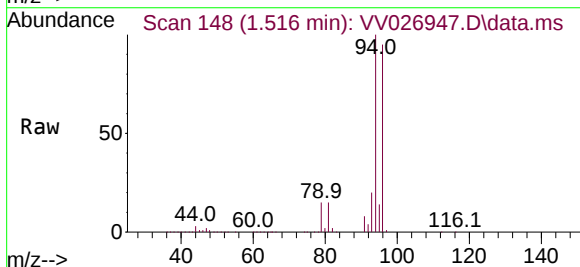
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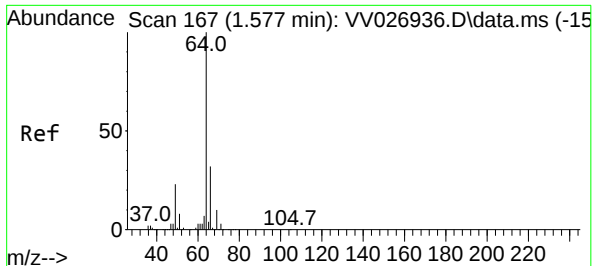
Tgt Ion: 62 Resp: 274889
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.0 42.6



#6
 Bromomethane
 Concen: 42.114 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV026947.D
 Acq: 26 Jul 2022 12:05

Tgt Ion: 94 Resp: 154591
 Ion Ratio Lower Upper
 94 100
 96 95.1 65.8 122.2

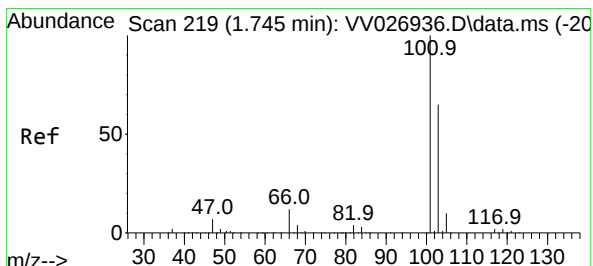
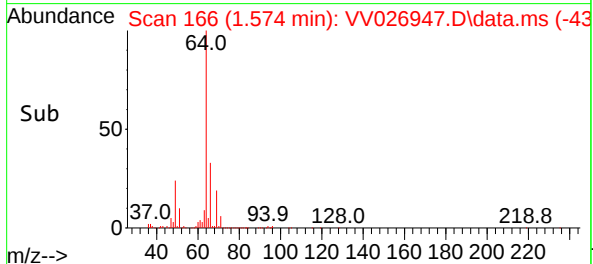
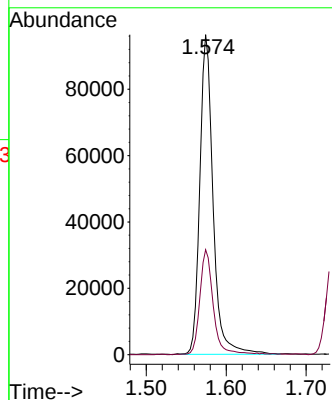
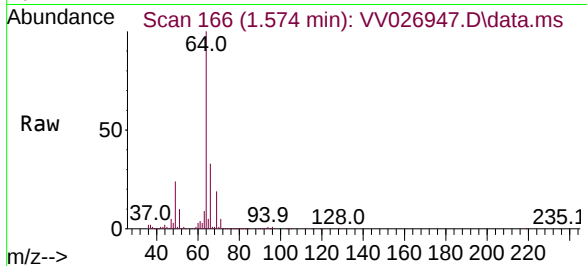




#8
Chloroethane
Concen: 31.134 ug/L
RT: 1.574 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV026947.D
Acq: 26 Jul 2022 12:05

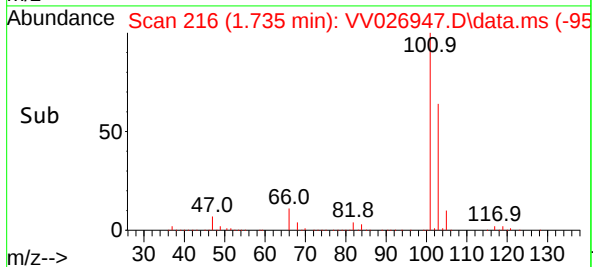
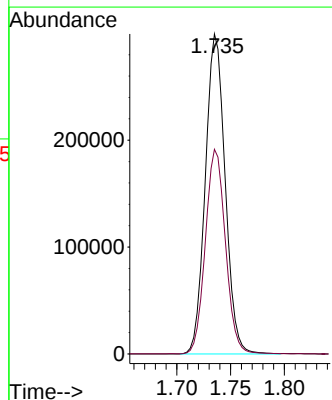
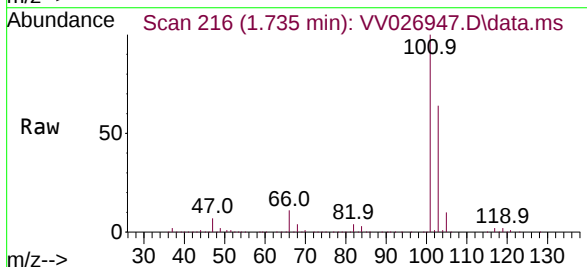
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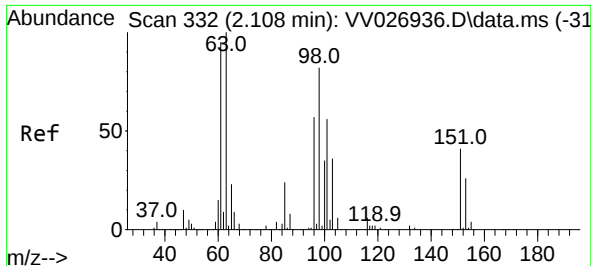
Tgt Ion: 64 Resp: 111142
Ion Ratio Lower Upper
64 100
66 32.8 23.2 43.0



#9
Trichlorofluoromethane
Concen: 45.952 ug/L
RT: 1.735 min Scan# 216
Delta R.T. -0.010 min
Lab File: VV026947.D
Acq: 26 Jul 2022 12:05

Tgt Ion: 101 Resp: 384732
Ion Ratio Lower Upper
101 100
103 64.9 51.8 77.8

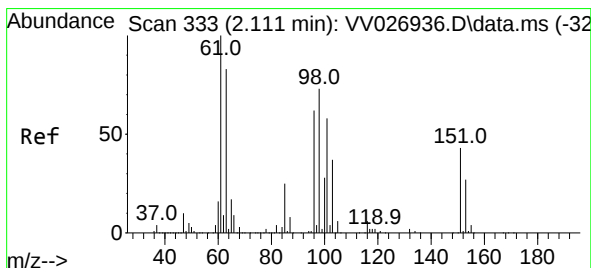
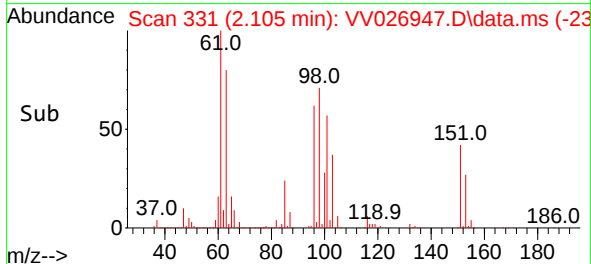
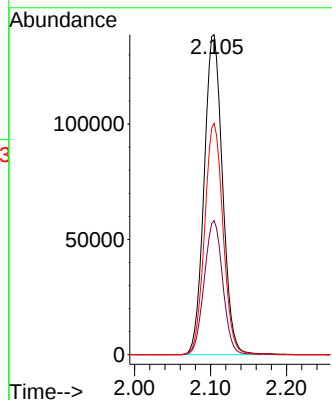
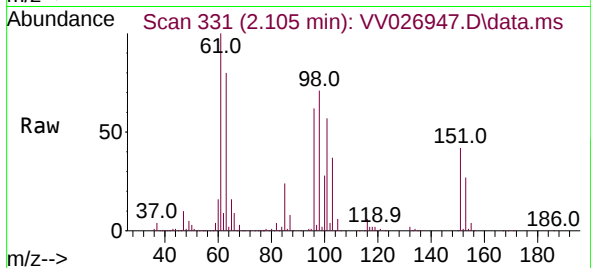




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 47.755 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.003 min
Lab File: VV026947.D
Acq: 26 Jul 2022 12:05

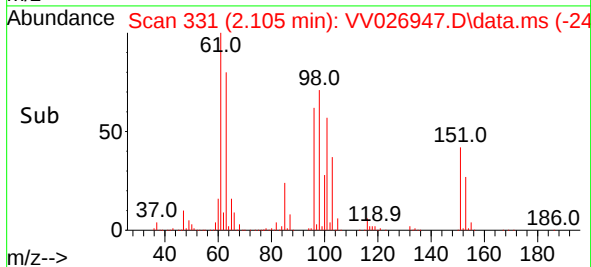
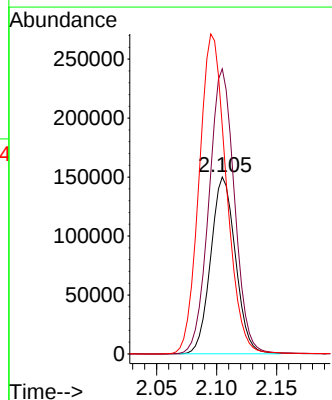
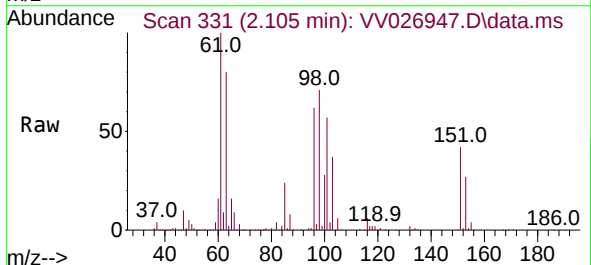
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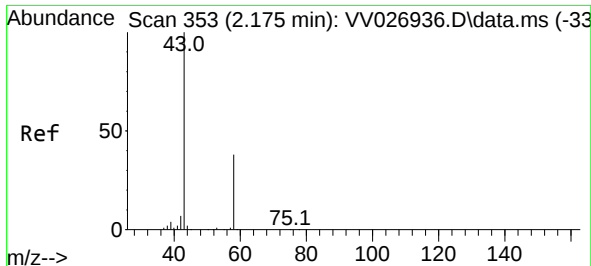
Tgt Ion:101 Resp: 233840
Ion Ratio Lower Upper
101 100
85 42.0 33.1 49.7
151 72.3 57.1 85.7



#12
1,1-Dichloroethene
Concen: 46.903 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VV026947.D
Acq: 26 Jul 2022 12:05

Tgt Ion: 96 Resp: 214529
Ion Ratio Lower Upper
96 100
61 161.1 114.2 212.0
63 128.8 87.0 161.6





#13

Acetone

Concen: 132.941 ug/L

RT: 2.172 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV026947.D

Acq: 26 Jul 2022 12:05

Instrument :

MSVOA_V

ClientSampleId :

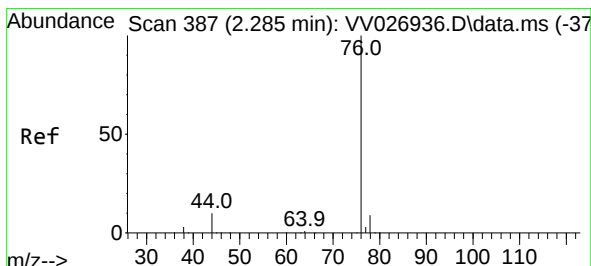
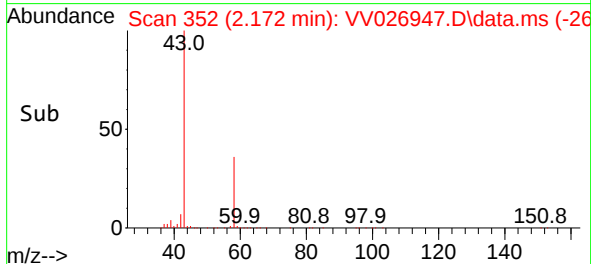
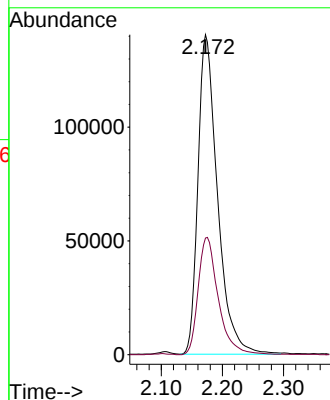
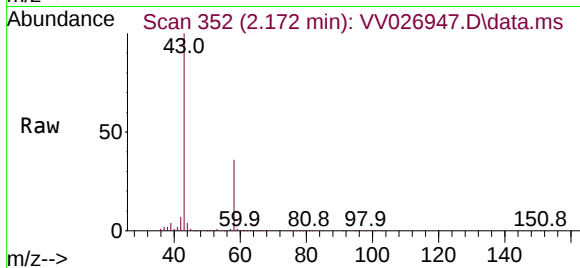
VSTD050309

Tgt Ion: 43 Resp: 312167

Ion Ratio Lower Upper

43 100

58 37.8 0.0 72.6



#14

Carbon disulfide

Concen: 45.025 ug/L

RT: 2.282 min Scan# 386

Delta R.T. -0.003 min

Lab File: VV026947.D

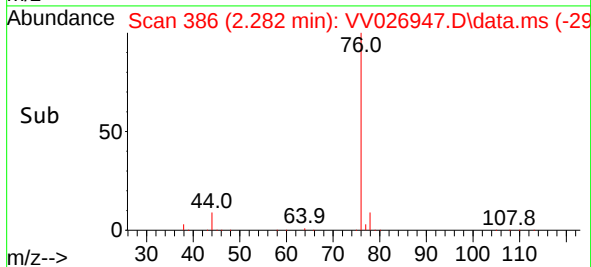
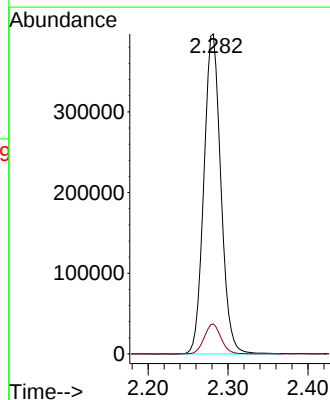
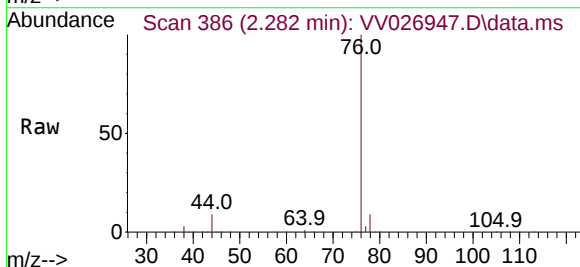
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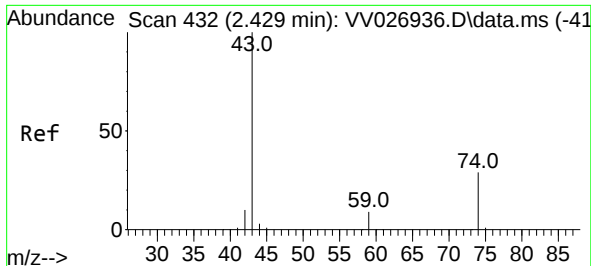
Tgt Ion: 76 Resp: 587571

Ion Ratio Lower Upper

76 100

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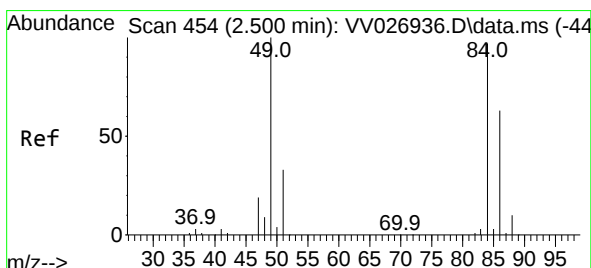
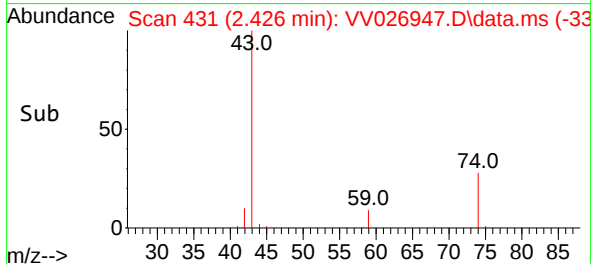
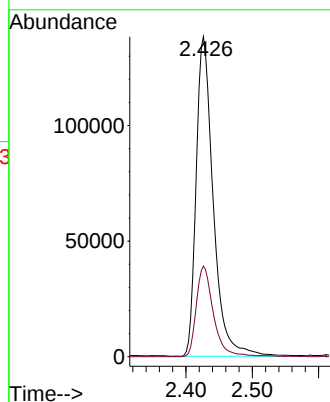
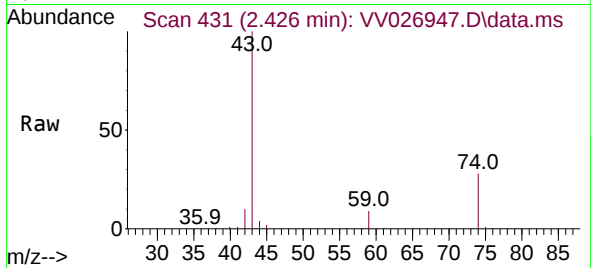




#15
Methyl Acetate
Concen: 47.728 ug/L
RT: 2.426 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV026947.D
Acq: 26 Jul 2022 12:05

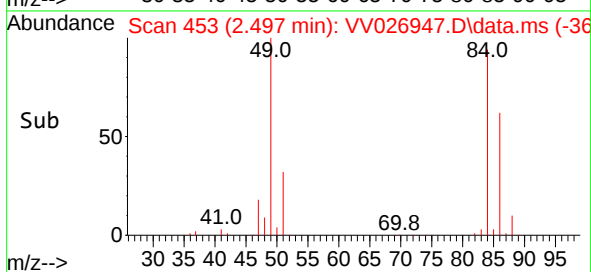
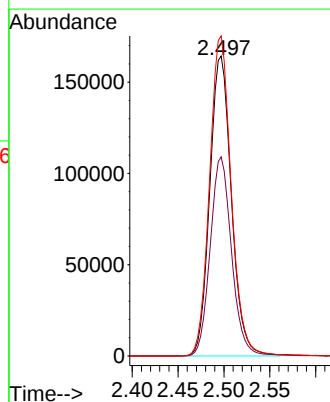
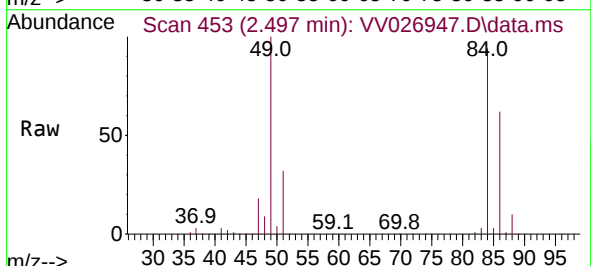
Instrument :
MSVOA_V
ClientSampleId :
VSTD050309

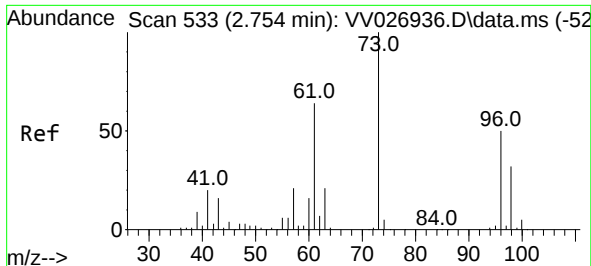
Tgt Ion: 43 Resp: 247198
Ion Ratio Lower Upper
43 100
74 28.2 22.1 33.1



#16
Methylene chloride
Concen: 46.155 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.003 min
Lab File: VV026947.D
Acq: 26 Jul 2022 12:05

Tgt Ion: 84 Resp: 269096
Ion Ratio Lower Upper
84 100
86 66.3 44.5 82.7
49 106.7 75.0 139.2

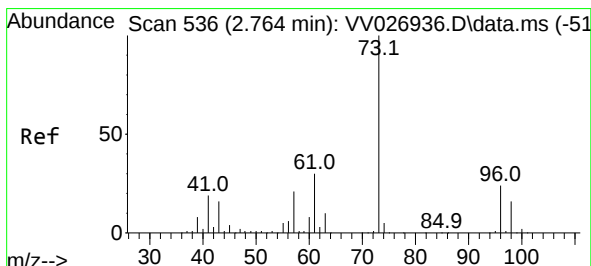
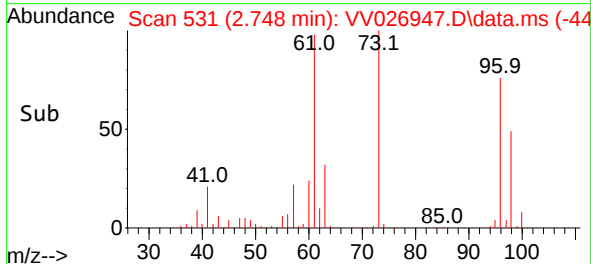
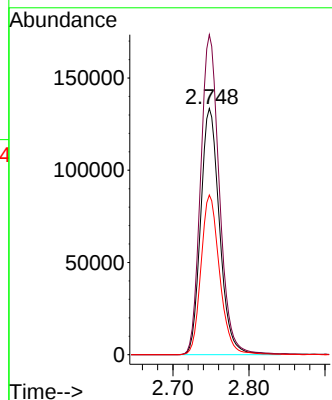
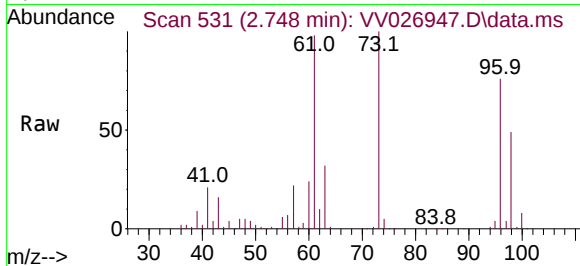




#17
trans-1,2-Dichloroethene
Concen: 47.591 ug/L
RT: 2.748 min Scan# 51
Delta R.T. -0.006 min
Lab File: VV026947.D
Acq: 26 Jul 2022 12:05

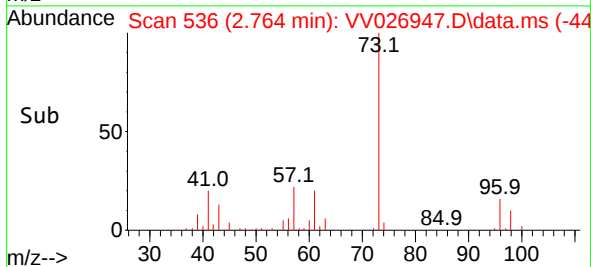
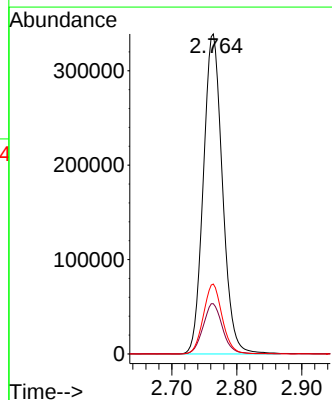
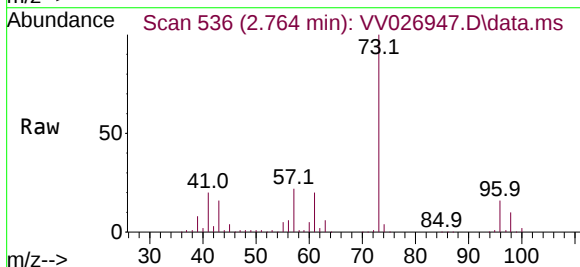
Instrument :
MSVOA_V
ClientSampleId :
VSTD050309

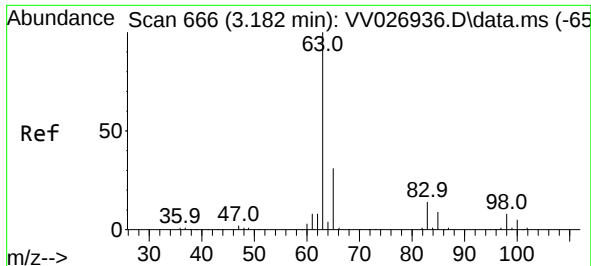
Tgt Ion: 96 Resp: 230007
Ion Ratio Lower Upper
96 100
61 130.0 89.2 165.6
98 64.9 44.7 82.9



#18
Methyl tert-butyl Ether
Concen: 51.789 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV026947.D
Acq: 26 Jul 2022 12:05

Tgt Ion: 73 Resp: 695298
Ion Ratio Lower Upper
73 100
43 15.8 12.8 19.2
57 21.6 17.3 25.9





#19

1,1-Dichloroethane

Concen: 48.094 ug/L

RT: 3.179 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV026947.D

Acq: 26 Jul 2022 12:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD050309

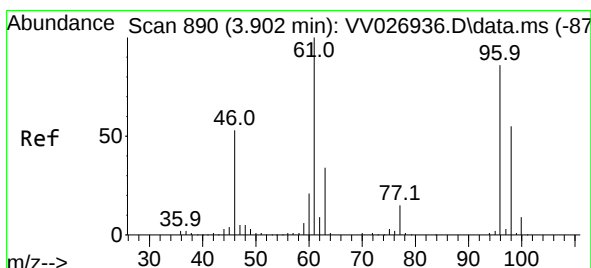
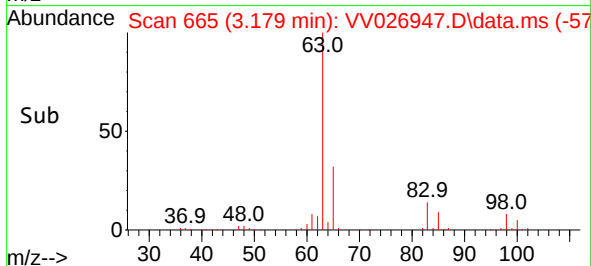
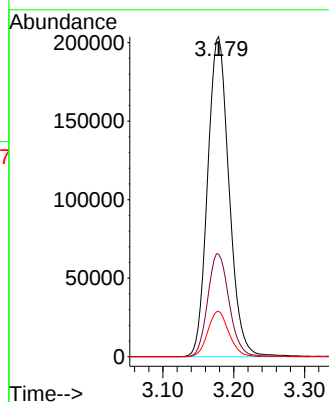
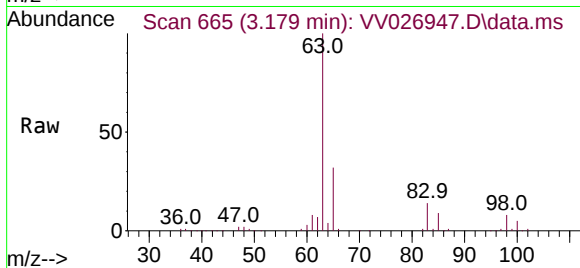
Tgt Ion: 63 Resp: 428073

Ion Ratio Lower Upper

63 100

65 32.0 22.6 42.0

83 14.2 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 49.856 ug/L

RT: 3.899 min Scan# 889

Delta R.T. -0.003 min

Lab File: VV026947.D

Acq: 26 Jul 2022 12:05

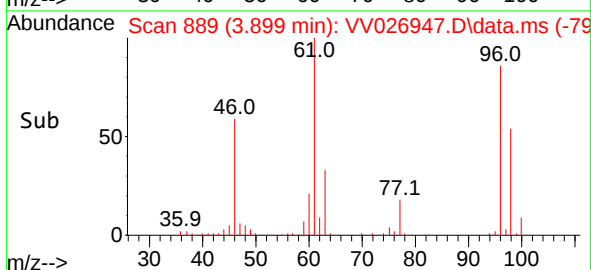
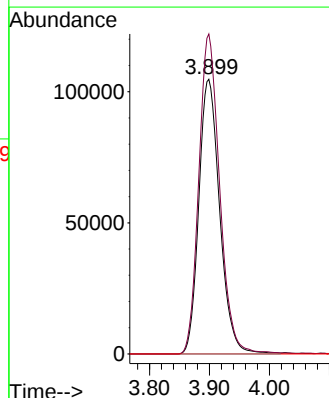
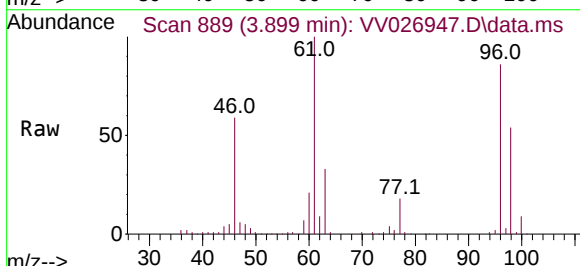
Tgt Ion: 96 Resp: 253936

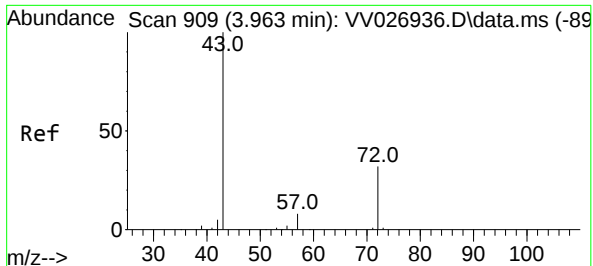
Ion Ratio Lower Upper

96 100

61 116.5 83.0 154.1

68 0.0 0.0 0.0

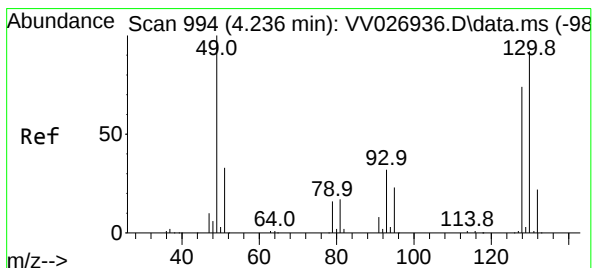
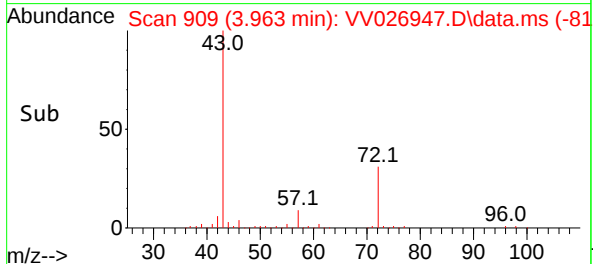
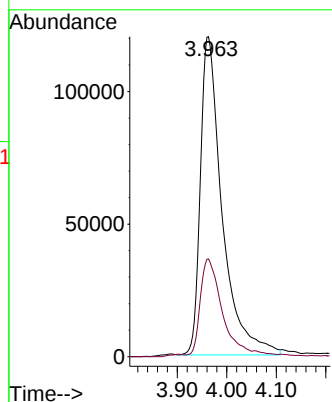
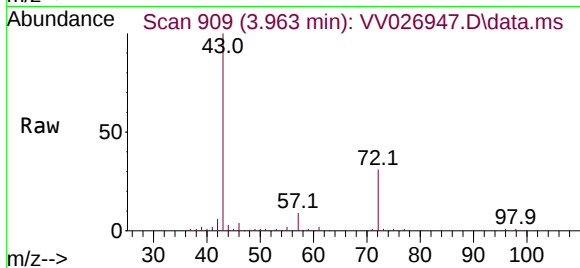




#22
2-Butanone
Concen: 114.912 ug/L
RT: 3.963 min Scan# 909
Delta R.T. 0.000 min
Lab File: VV026947.D
Acq: 26 Jul 2022 12:05

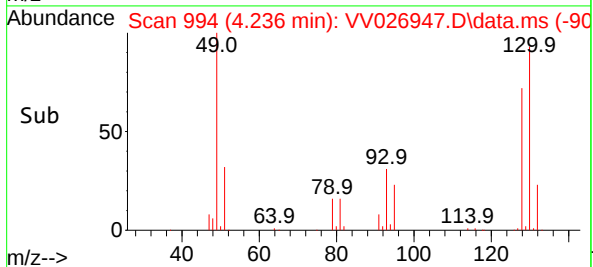
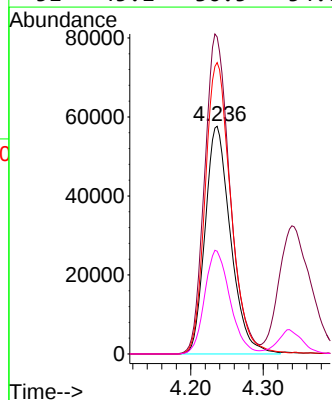
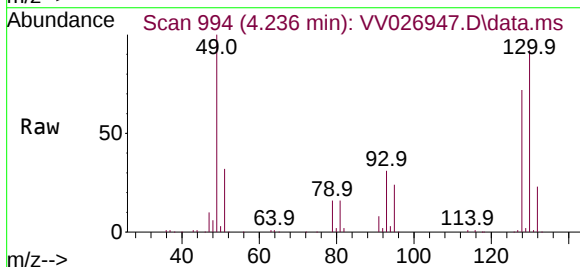
Instrument :
MSVOA_V
ClientSampleId :
VSTD050309

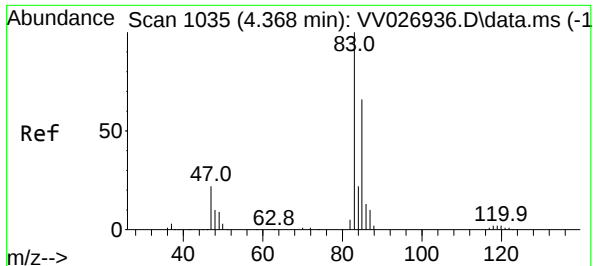
Tgt Ion: 43 Resp: 368017
Ion Ratio Lower Upper
43 100
72 29.2 14.9 44.5



#23
Bromochloromethane
Concen: 48.127 ug/L
RT: 4.236 min Scan# 994
Delta R.T. 0.000 min
Lab File: VV026947.D
Acq: 26 Jul 2022 12:05

Tgt Ion:128 Resp: 140364
Ion Ratio Lower Upper
128 100
49 139.2 101.0 187.6
130 128.0 90.0 167.2
51 45.1 36.5 54.7





#25

Chloroform

Concen: 47.819 ug/L

RT: 4.365 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VV026947.D

Acq: 26 Jul 2022 12:05

Instrument :

MSVOA_V

ClientSampleId :

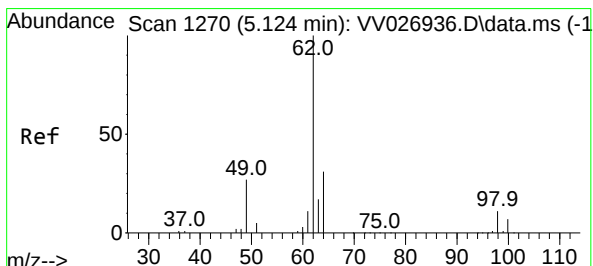
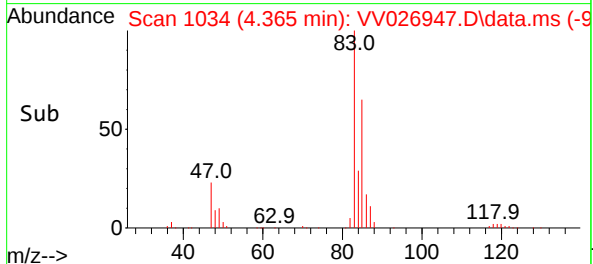
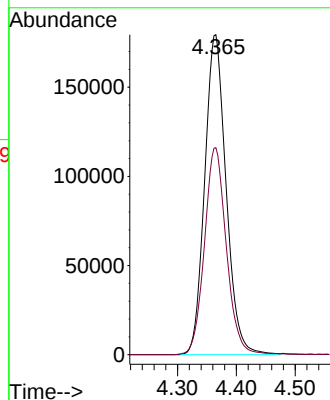
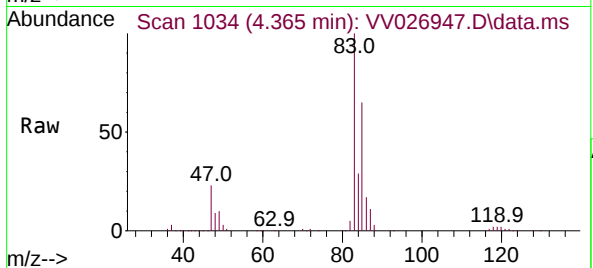
VSTD050309

Tgt Ion: 83 Resp: 453951

Ion Ratio Lower Upper

83 100

85 64.7 45.8 85.0



#27

1,2-Dichloroethane

Concen: 47.172 ug/L

RT: 5.121 min Scan# 1269

Delta R.T. -0.003 min

Lab File: VV026947.D

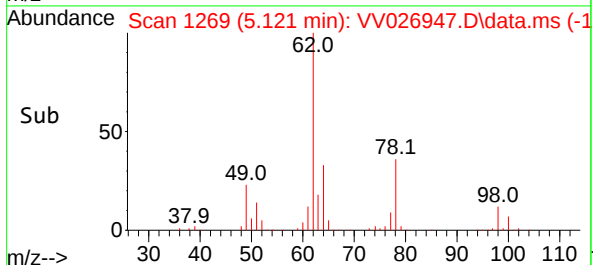
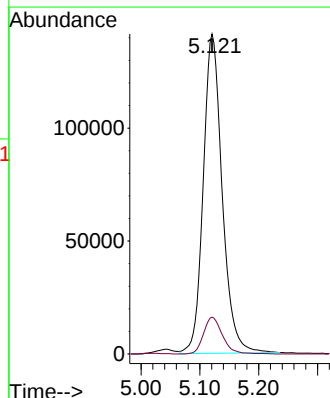
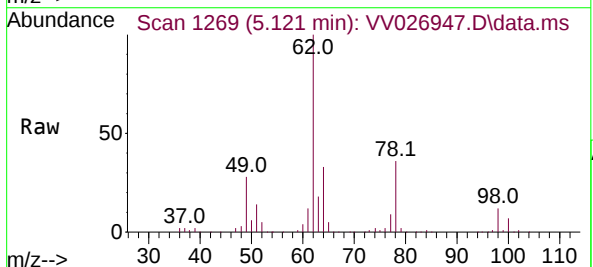
Acq: 26 Jul 2022 12:05

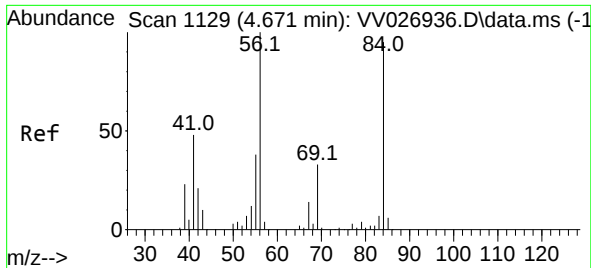
Tgt Ion: 62 Resp: 315994

Ion Ratio Lower Upper

62 100

98 11.5 8.9 13.3

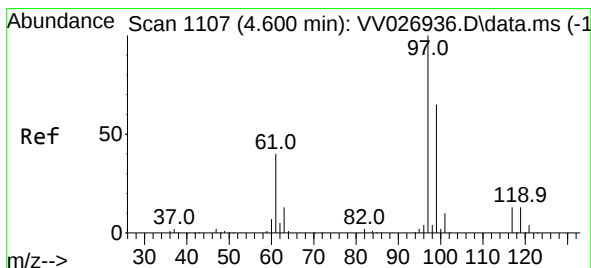
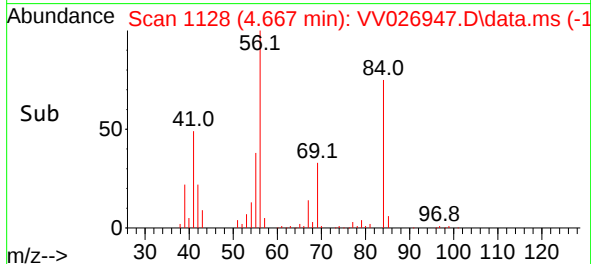
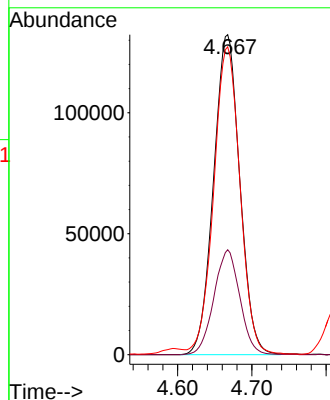
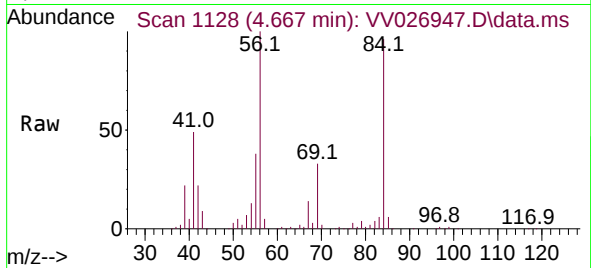




#29
Cyclohexane
Concen: 52.484 ug/L
RT: 4.667 min Scan# 1128
Delta R.T. -0.003 min
Lab File: VV026947.D
Acq: 26 Jul 2022 12:05

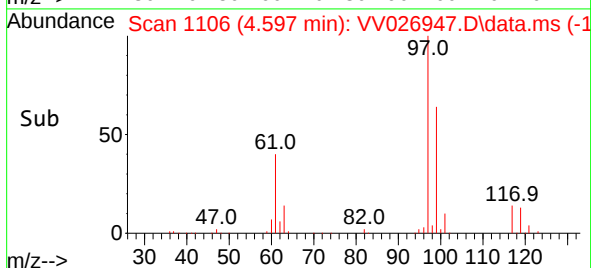
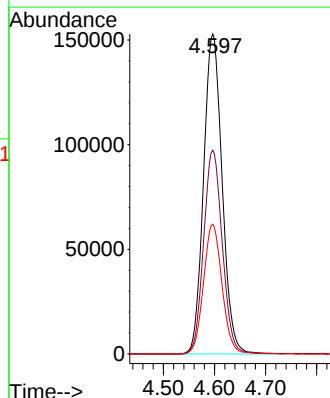
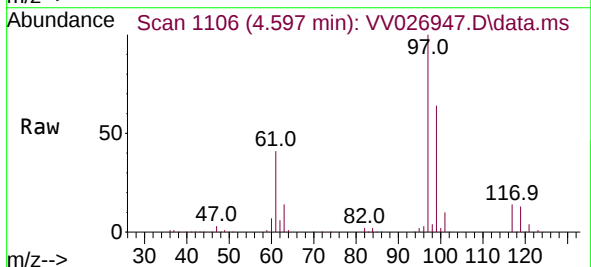
Instrument :
MSVOA_V
ClientSampleId :
VSTD050309

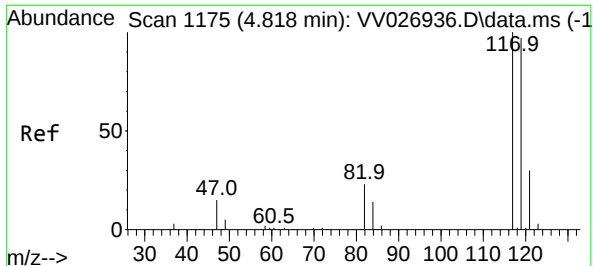
Tgt Ion: 56 Resp: 324778
Ion Ratio Lower Upper
56 100
69 32.3 25.7 38.5
84 96.4 77.0 115.6



#30
1,1,1-Trichloroethane
Concen: 49.479 ug/L
RT: 4.597 min Scan# 1106
Delta R.T. -0.003 min
Lab File: VV026947.D
Acq: 26 Jul 2022 12:05

Tgt Ion: 97 Resp: 386855
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.6
61 40.3 33.1 49.7

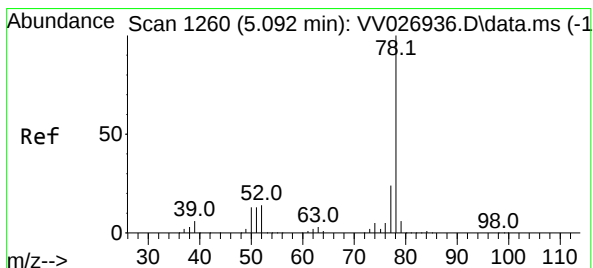
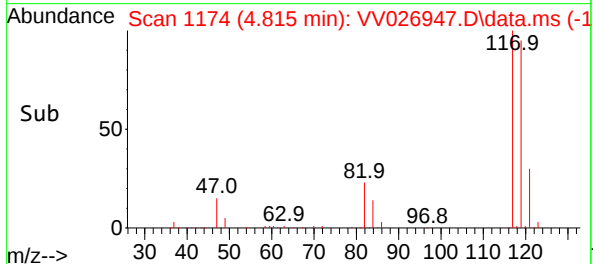
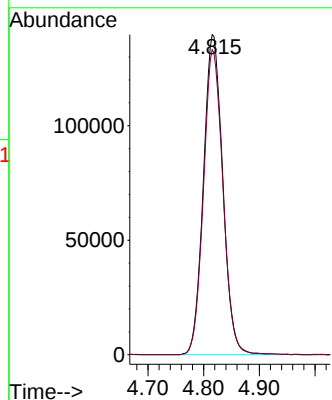
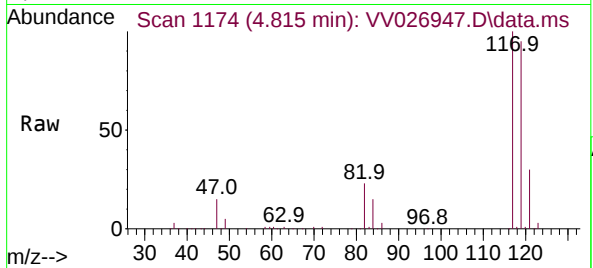




#31
Carbon tetrachloride
Concen: 49.278 ug/L
RT: 4.815 min Scan# 1175
Delta R.T. -0.003 min
Lab File: VV026947.D
Acq: 26 Jul 2022 12:05

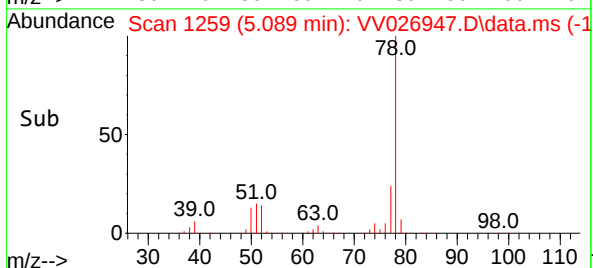
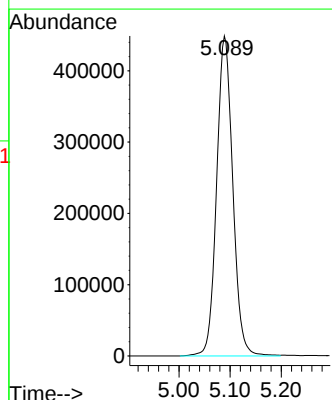
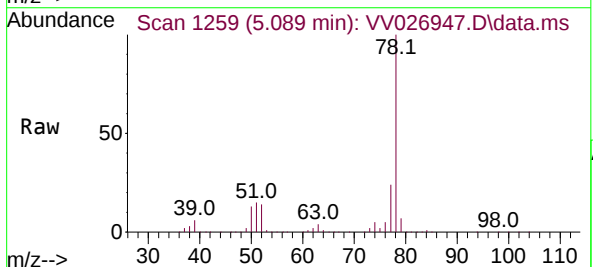
Instrument :
MSVOA_V
ClientSampleId :
VSTD050309

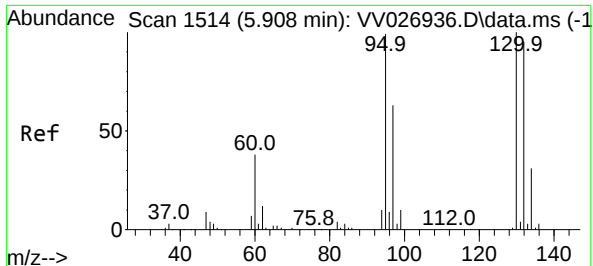
Tgt Ion:117 Resp: 337336
Ion Ratio Lower Upper
117 100
119 95.6 77.3 115.9



#33
Benzene
Concen: 51.732 ug/L
RT: 5.089 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VV026947.D
Acq: 26 Jul 2022 12:05

Tgt Ion: 78 Resp: 984496





#34

Trichloroethene

Concen: 48.741 ug/L

RT: 5.905 min Scan# 1513

Delta R.T. -0.003 min

Lab File: VV026947.D

Acq: 26 Jul 2022 12:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD050309

Tgt Ion: 95 Resp: 238357

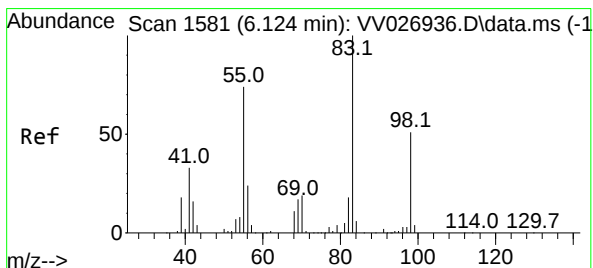
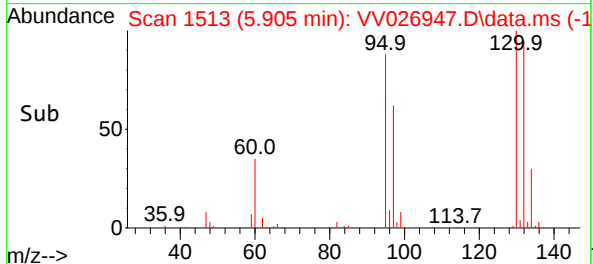
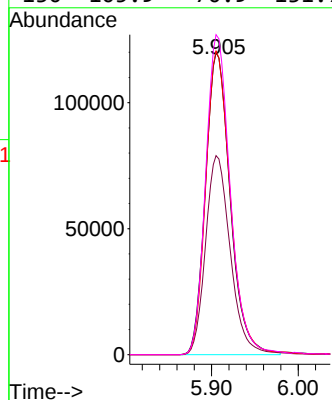
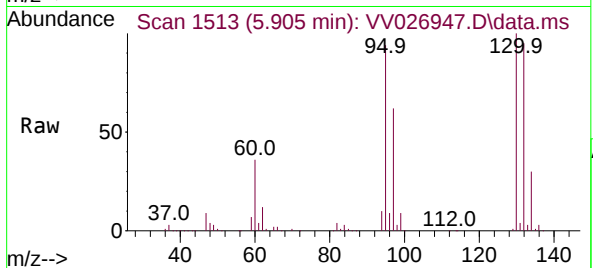
Ion Ratio Lower Upper

95 100

97 65.9 45.9 85.3

132 100.5 68.1 126.5

130 105.9 70.9 131.7



#35

Methylcyclohexane

Concen: 53.062 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. 0.000 min

Lab File: VV026947.D

Acq: 26 Jul 2022 12:05

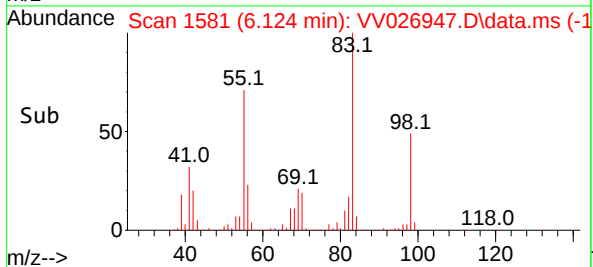
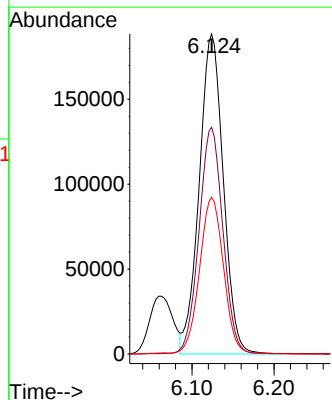
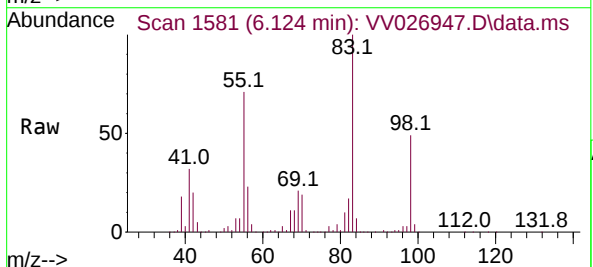
Tgt Ion: 83 Resp: 384211

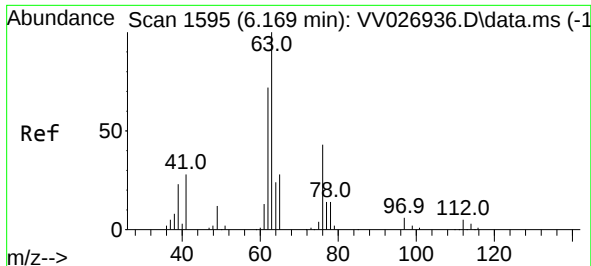
Ion Ratio Lower Upper

83 100

55 70.1 57.4 86.2

98 48.7 39.4 59.0





#37

1,2-Dichloropropane

Concen: 52.104 ug/L

RT: 6.166 min Scan# 1594

Delta R.T. -0.003 min

Lab File: VV026947.D

Acq: 26 Jul 2022 12:05

Instrument :

MSVOA_V

ClientSampleId :

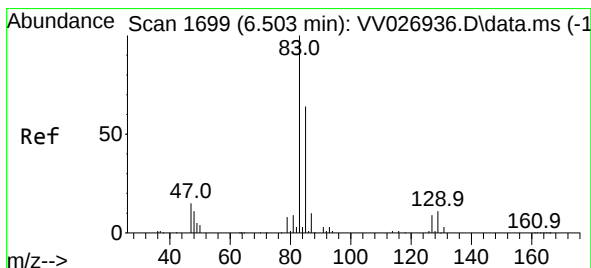
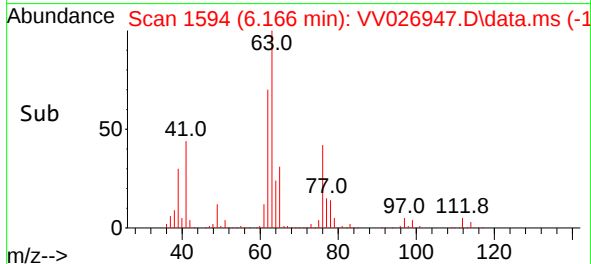
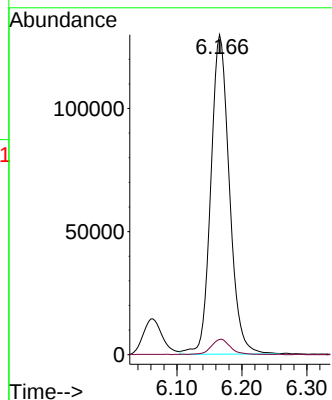
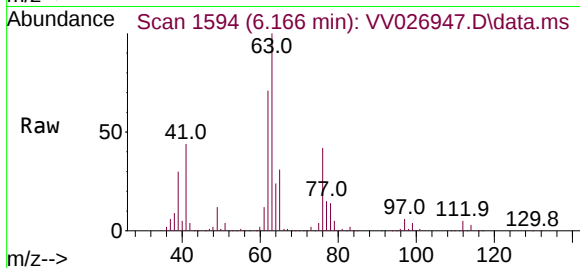
VSTD050309

Tgt Ion: 63 Resp: 258070

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.8



#38

Bromodichloromethane

Concen: 49.051 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VV026947.D

Acq: 26 Jul 2022 12:05

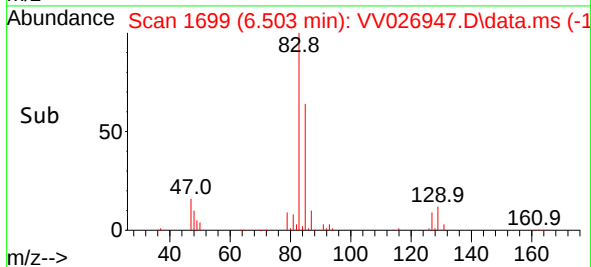
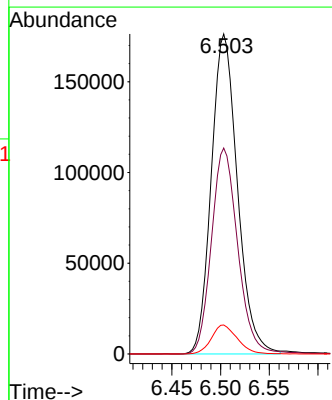
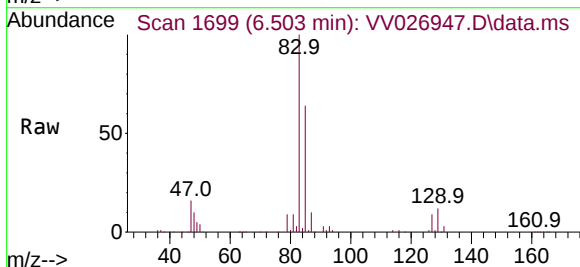
Tgt Ion: 83 Resp: 329302

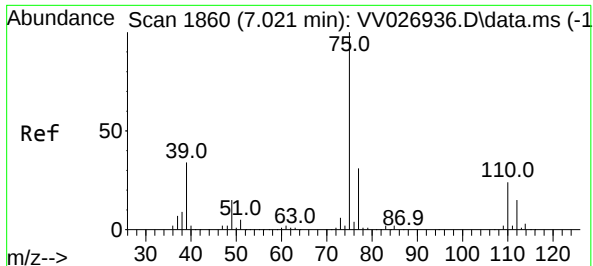
Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.9

127 9.0 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 53.260 ug/L

RT: 7.021 min Scan# 1860

Delta R.T. 0.000 min

Lab File: VV026947.D

Acq: 26 Jul 2022 12:05

Instrument :

MSVOA_V

ClientSampleId :

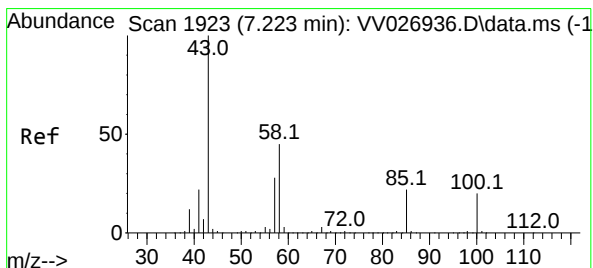
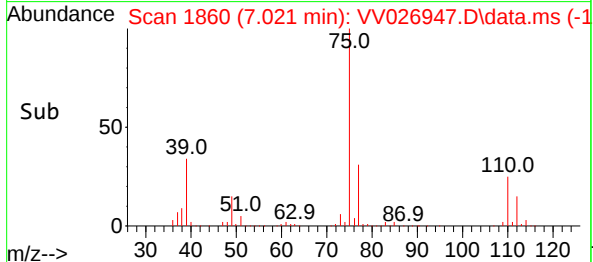
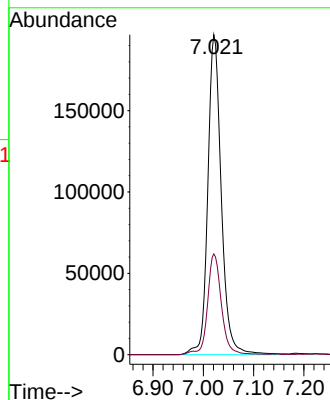
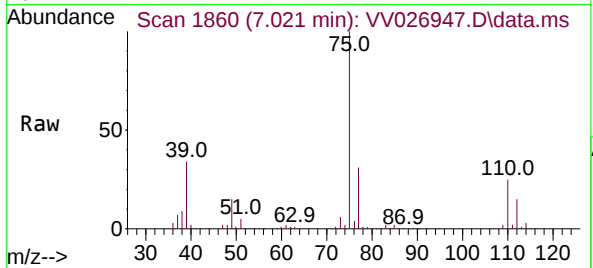
VSTD050309

Tgt Ion: 75 Resp: 366113

Ion Ratio Lower Upper

75 100

77 31.5 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 104.363 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV026947.D

Acq: 26 Jul 2022 12:05

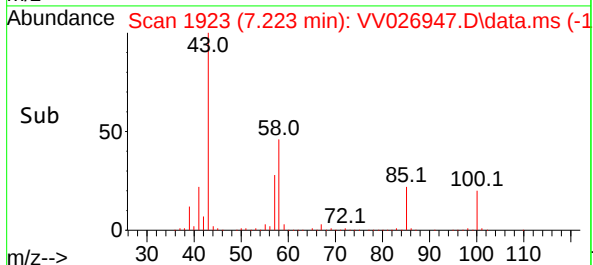
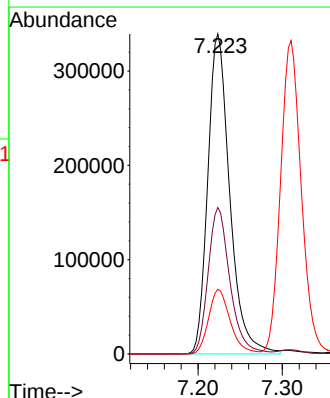
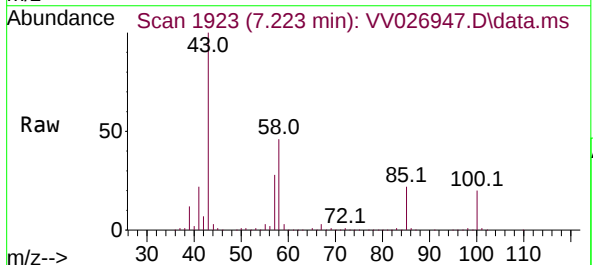
Tgt Ion: 43 Resp: 615153

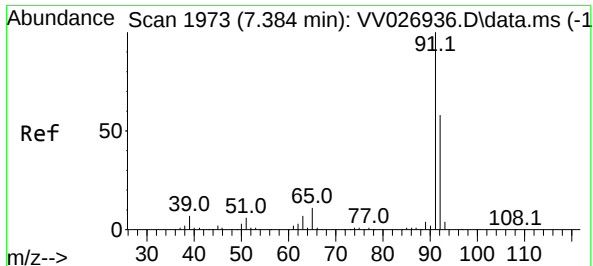
Ion Ratio Lower Upper

43 100

58 45.4 35.0 52.6

100 19.9 15.4 23.0





#42

Toluene

Concen: 53.547 ug/L

RT: 7.381 min Scan# 1973

Delta R.T. -0.003 min

Lab File: VV026947.D

Acq: 26 Jul 2022 12:05

Instrument :

MSVOA_V

ClientSampleId :

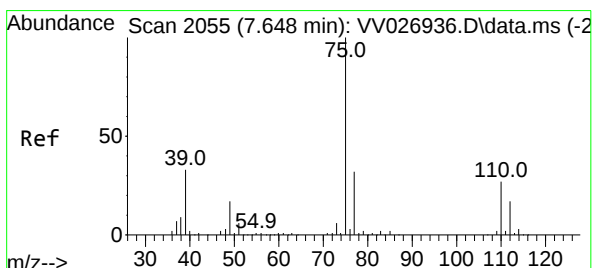
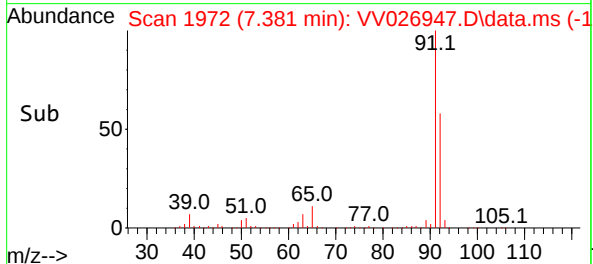
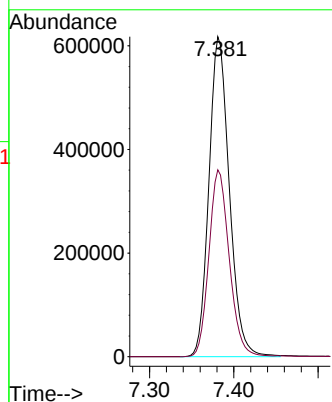
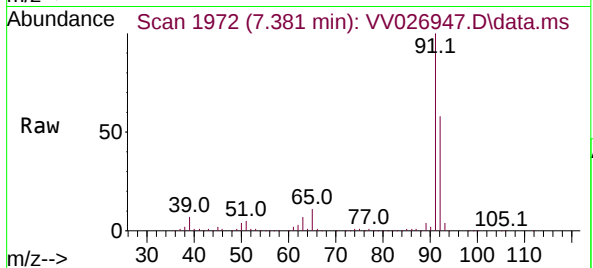
VSTD050309

Tgt Ion: 91 Resp: 1040139

Ion Ratio Lower Upper

91 100

92 58.4 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 51.663 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. -0.003 min

Lab File: VV026947.D

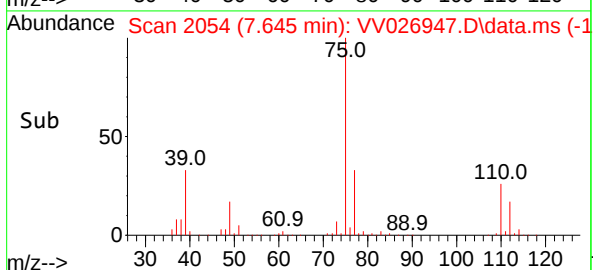
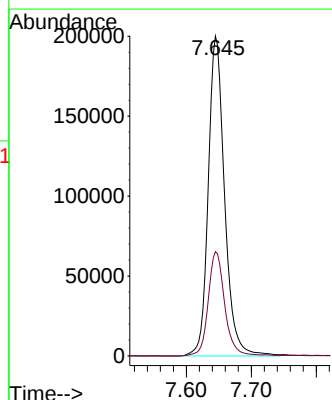
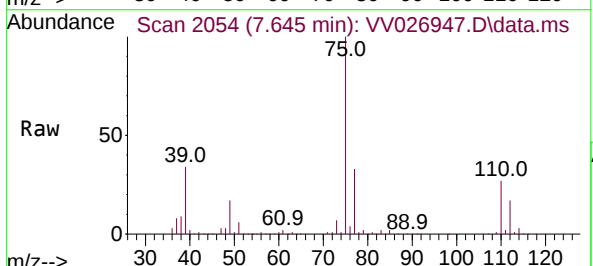
Acq: 26 Jul 2022 12:05

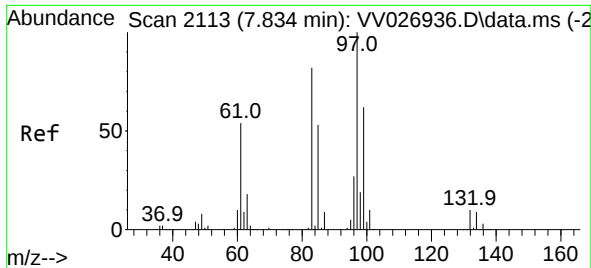
Tgt Ion: 75 Resp: 350216

Ion Ratio Lower Upper

75 100

77 32.6 21.3 39.6



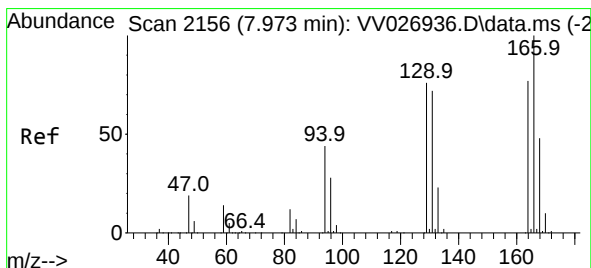
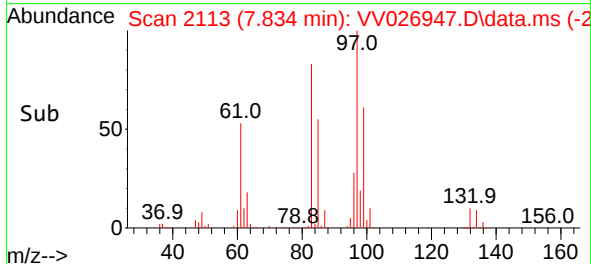
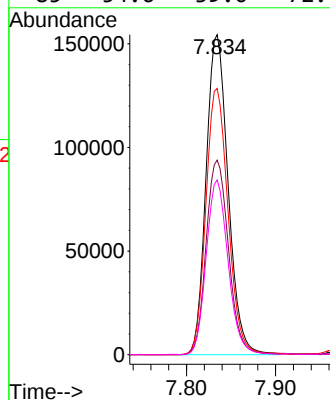
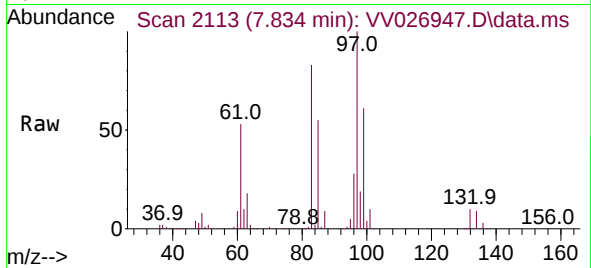


#45
1,1,2-Trichloroethane
Concen: 50.333 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VV026947.D
Acq: 26 Jul 2022 12:05

Instrument :
MSVOA_V
ClientSampleId :
VSTD050309

Tgt Ion: 97 Resp: 265489

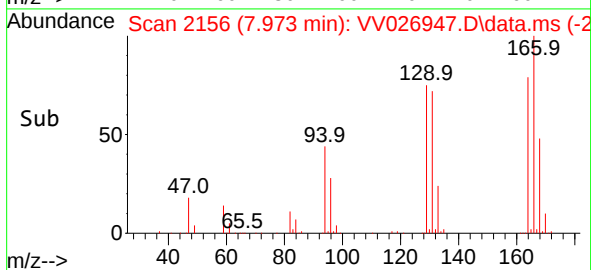
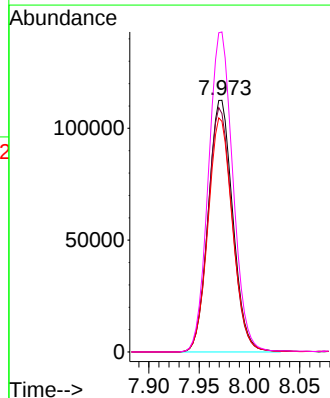
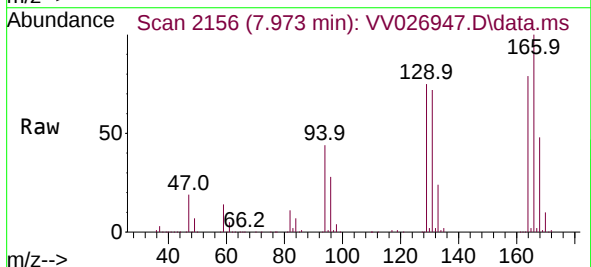
Ion	Ratio	Lower	Upper
97	100		
99	60.8	44.0	81.8
83	83.2	59.9	111.3
85	54.6	39.0	72.4

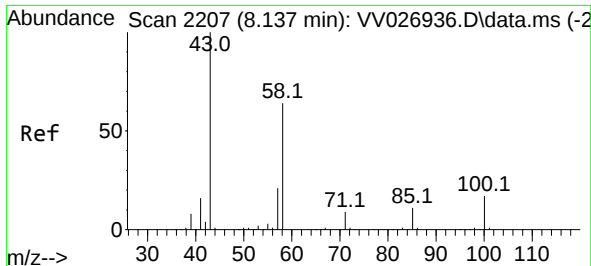


#46
Tetrachloroethene
Concen: 50.033 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV026947.D
Acq: 26 Jul 2022 12:05

Tgt Ion: 164 Resp: 190866

Ion	Ratio	Lower	Upper
164	100		
129	94.7	66.3	123.1
131	91.7	63.1	117.3
166	127.2	86.2	160.2



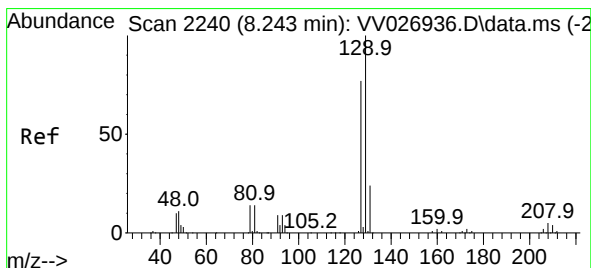
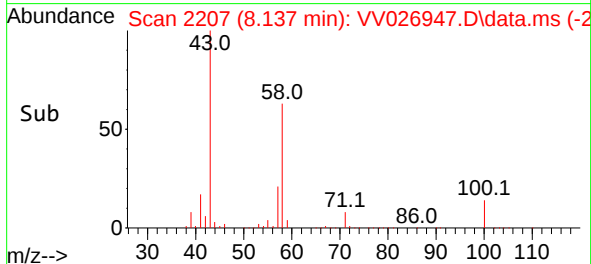
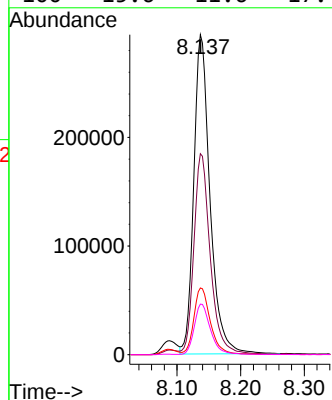
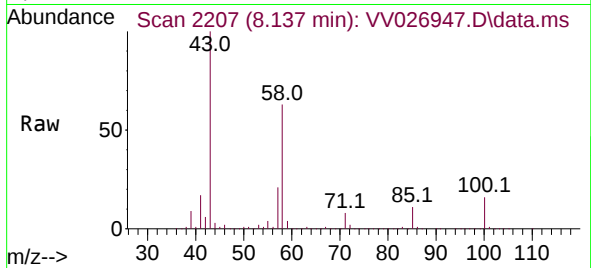


#48
2-Hexanone
Concen: 113.897 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026947.D
Acq: 26 Jul 2022 12:05

Instrument :
MSVOA_V
ClientSampleId :
VSTD050309

Tgt Ion: 43 Resp: 522510

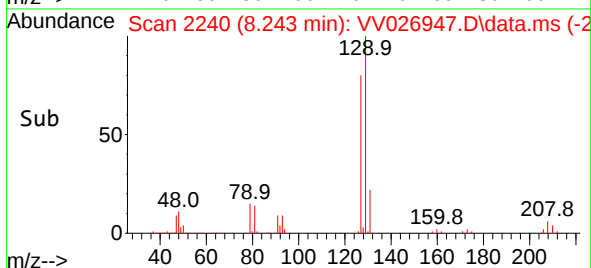
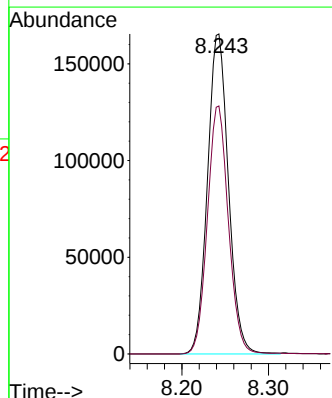
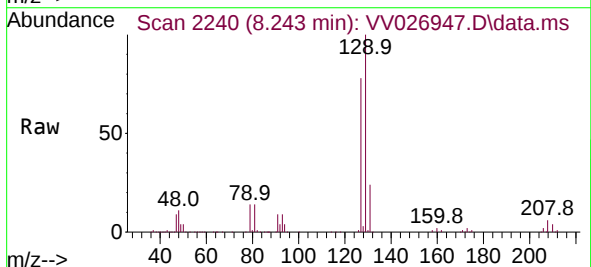
Ion	Ratio	Lower	Upper
43	100		
58	63.1	48.8	73.2
57	20.7	16.6	24.8
100	15.6	11.6	17.4

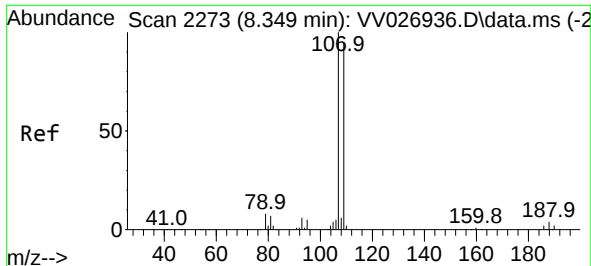


#49
Dibromochloromethane
Concen: 50.404 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV026947.D
Acq: 26 Jul 2022 12:05

Tgt Ion: 129 Resp: 277882

Ion	Ratio	Lower	Upper
129	100		
127	77.5	53.7	99.7





#50

1,2-Dibromoethane

Concen: 49.656 ug/L

RT: 8.346 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV026947.D

Acq: 26 Jul 2022 12:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD050309

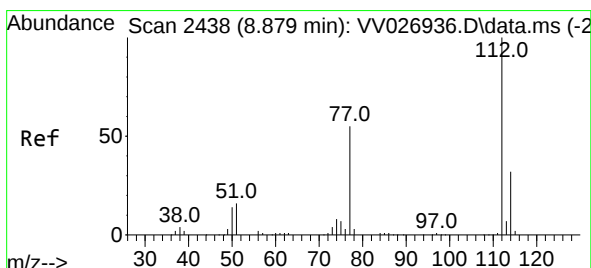
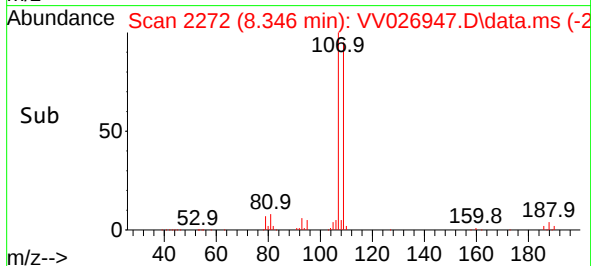
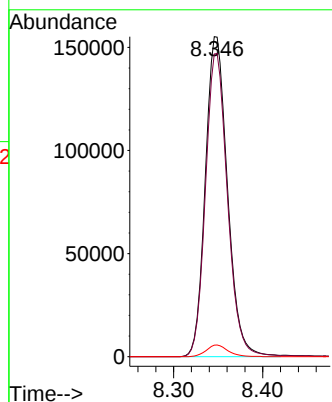
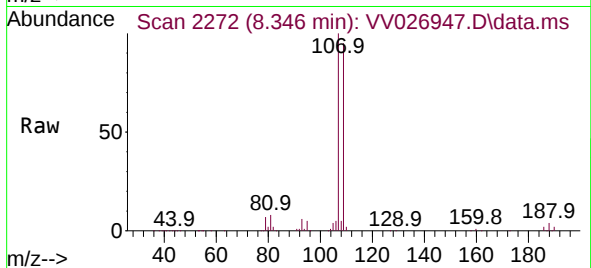
Tgt Ion:107 Resp: 267973

Ion Ratio Lower Upper

107 100

109 94.6 64.9 120.5

188 3.6 2.6 3.8



#51

Chlorobenzene

Concen: 49.750 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV026947.D

Acq: 26 Jul 2022 12:05

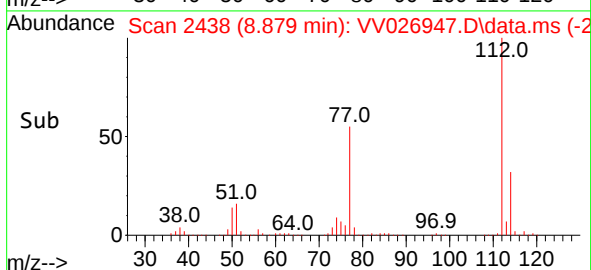
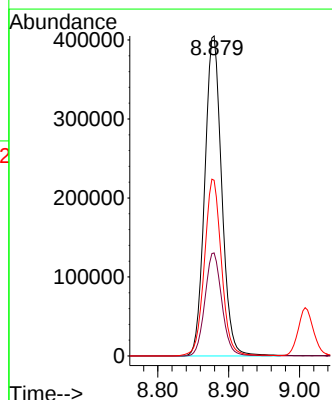
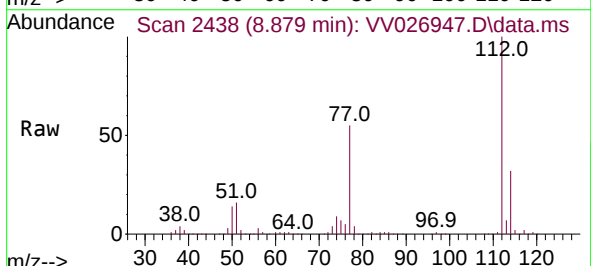
Tgt Ion:112 Resp: 673600

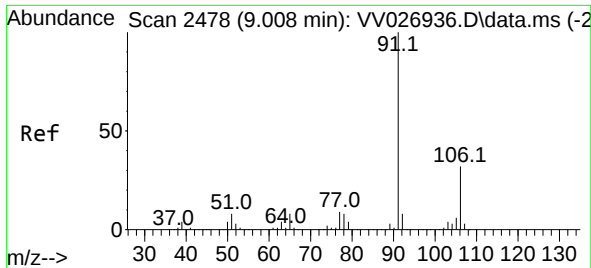
Ion Ratio Lower Upper

112 100

114 32.2 22.7 42.1

77 54.9 44.4 66.6

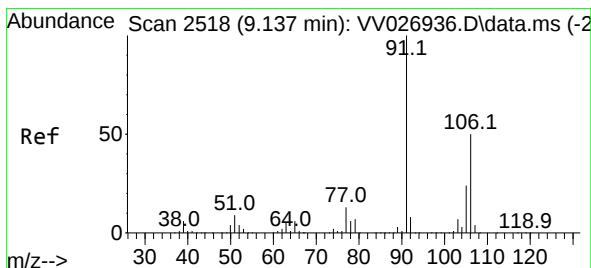
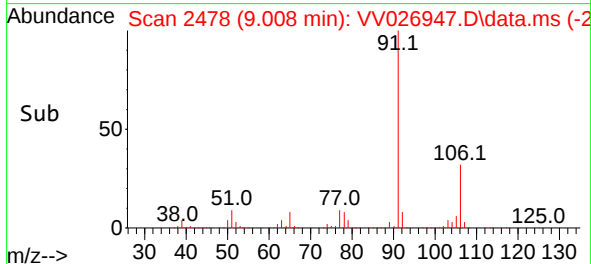
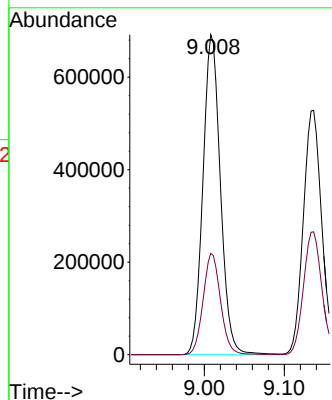
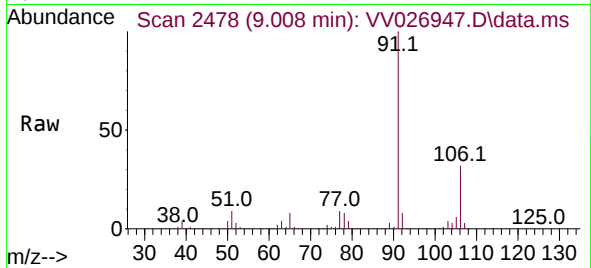




#52
Ethylbenzene
Concen: 52.276 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.000 min
Lab File: VV026947.D
Acq: 26 Jul 2022 12:05

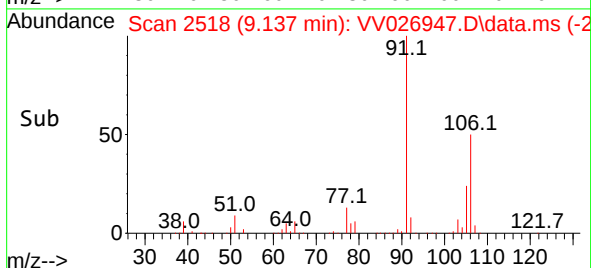
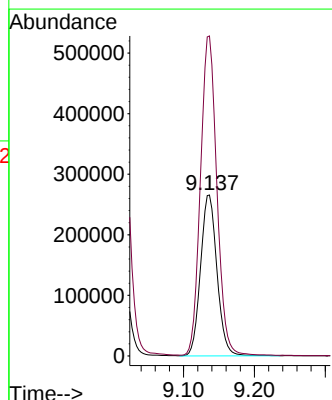
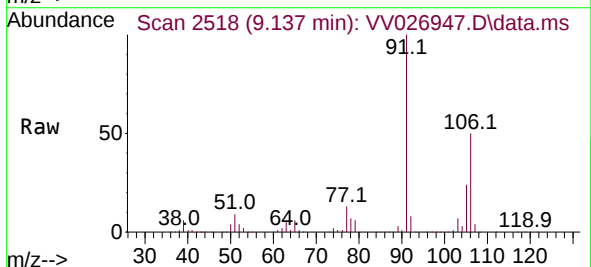
Instrument :
MSVOA_V
ClientSampleId :
VSTD050309

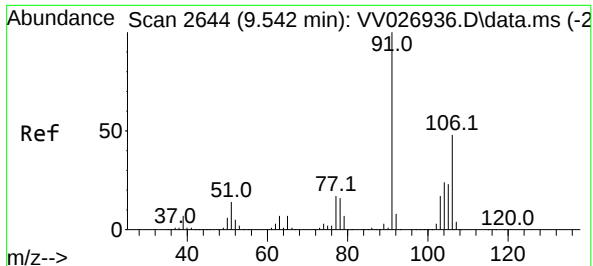
Tgt Ion: 91 Resp: 1054018
Ion Ratio Lower Upper
91 100
106 31.6 22.0 40.8



#53
m,p-Xylene
Concen: 54.084 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV026947.D
Acq: 26 Jul 2022 12:05

Tgt Ion: 106 Resp: 426978
Ion Ratio Lower Upper
106 100
91 198.8 140.0 260.0

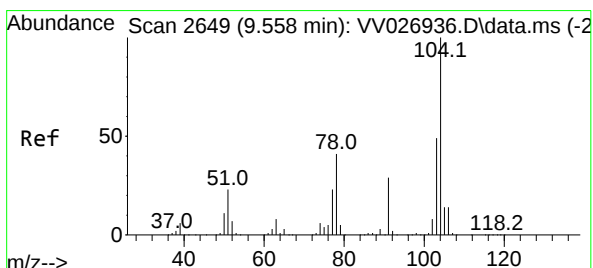
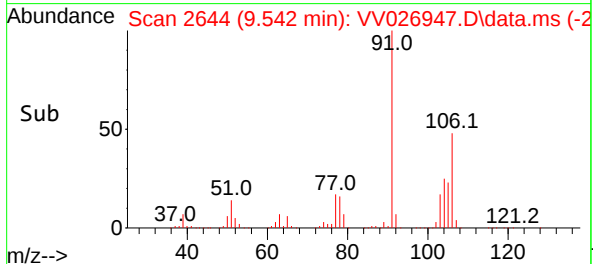
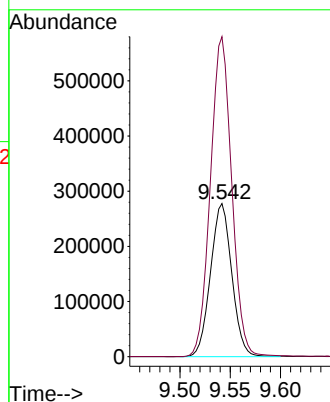
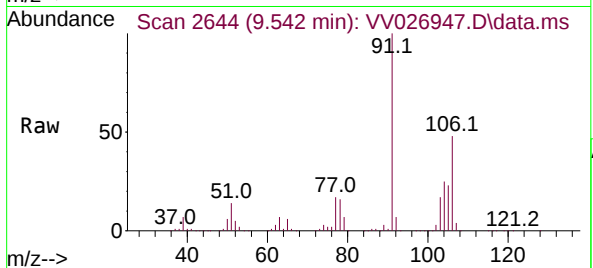




#54
o-Xylene
Concen: 53.821 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV026947.D
Acq: 26 Jul 2022 12:05

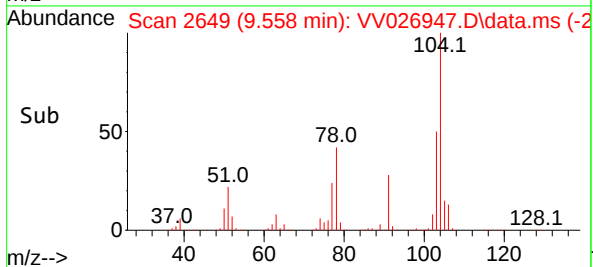
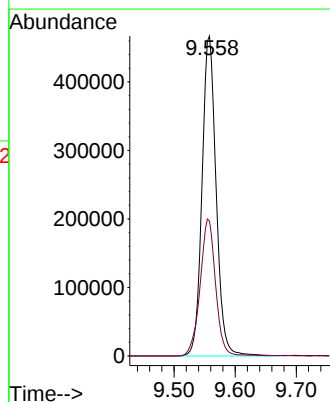
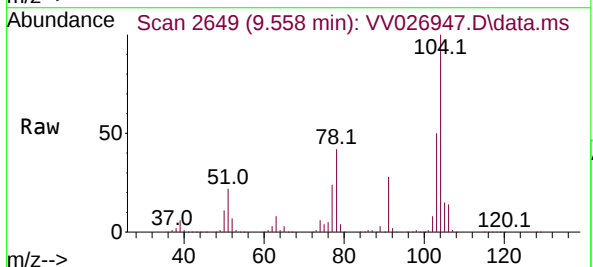
Instrument :
MSVOA_V
ClientSampleId :
VSTD050309

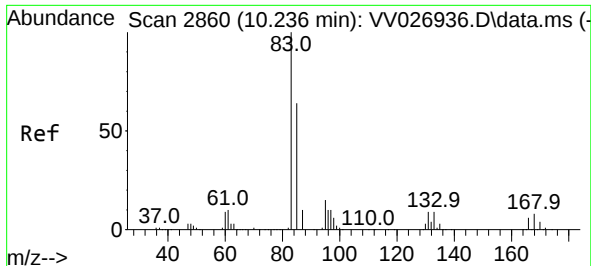
Tgt Ion:106 Resp: 409233
Ion Ratio Lower Upper
106 100
91 209.0 146.1 271.3



#55
Styrene
Concen: 55.829 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV026947.D
Acq: 26 Jul 2022 12:05

Tgt Ion:104 Resp: 749694
Ion Ratio Lower Upper
104 100
78 42.1 29.6 55.0

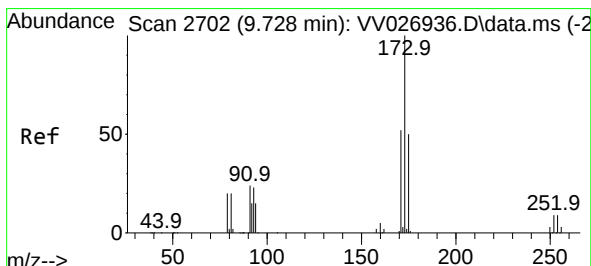
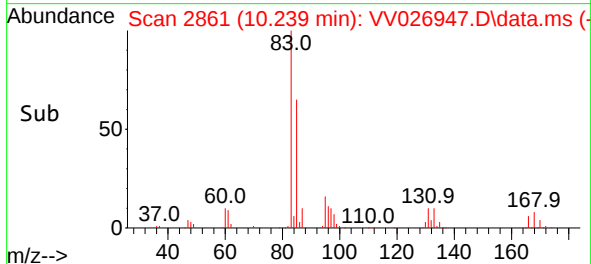
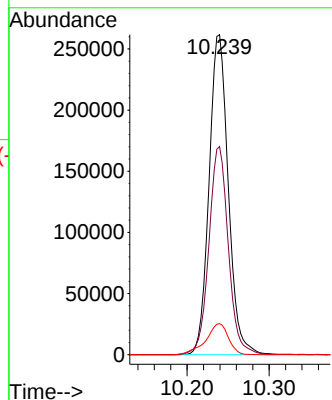
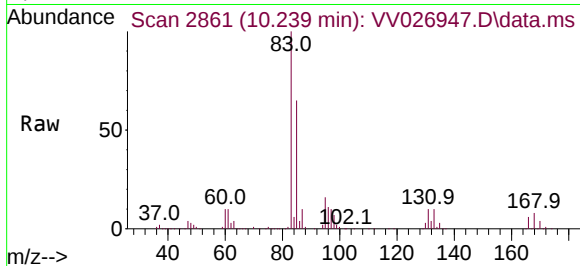




#57
1,1,2,2-Tetrachloroethane
Concen: 49.972 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.003 min
Lab File: VV026947.D
Acq: 26 Jul 2022 12:05

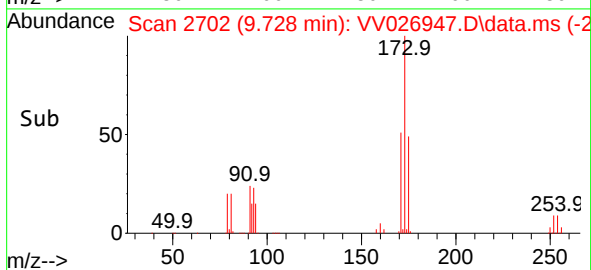
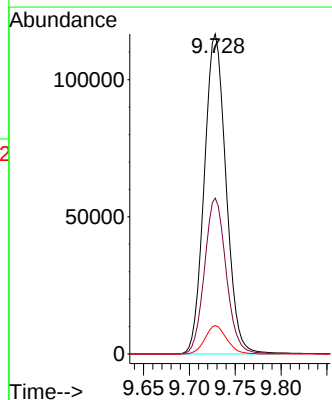
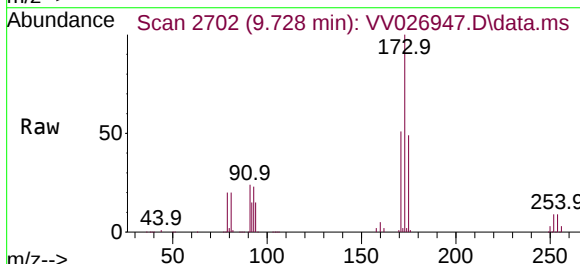
Instrument :
MSVOA_V
ClientSampleId :
VSTD050309

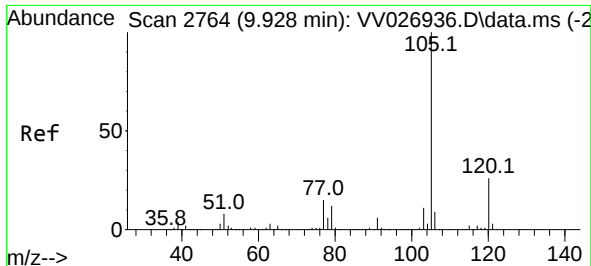
Tgt Ion: 83 Resp: 425480
Ion Ratio Lower Upper
83 100
85 65.0 45.3 84.1
131 9.7 7.8 11.6



#59
Bromoform
Concen: 51.366 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.000 min
Lab File: VV026947.D
Acq: 26 Jul 2022 12:05

Tgt Ion: 173 Resp: 192473
Ion Ratio Lower Upper
173 100
175 48.6 38.6 57.8
254 8.8 6.6 10.0

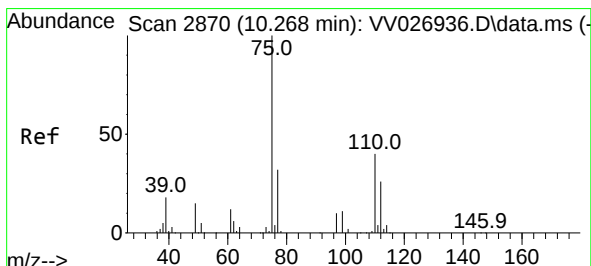
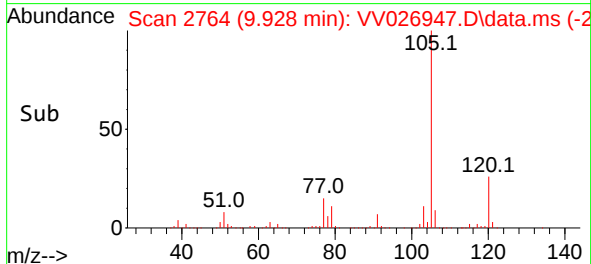
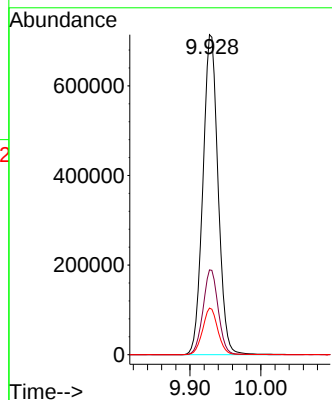
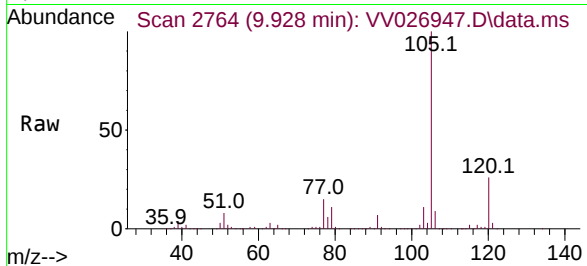




#60
Isopropylbenzene
Concen: 53.532 ug/L
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026947.D
Acq: 26 Jul 2022 12:05

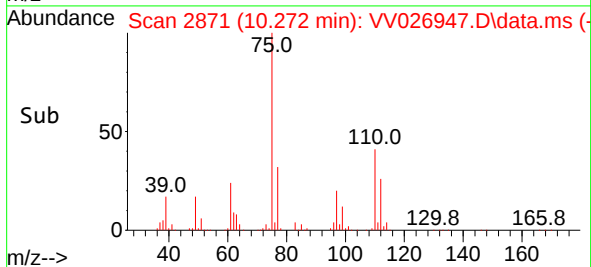
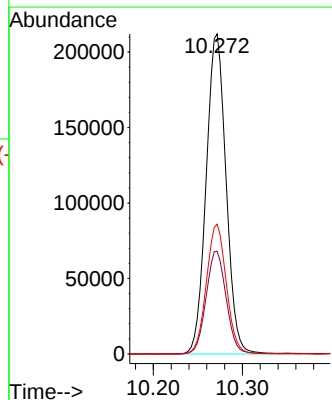
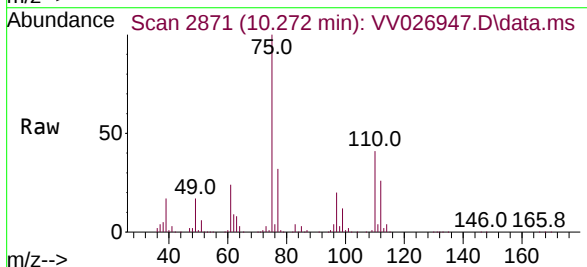
Instrument :
MSVOA_V
ClientSampleId :
VSTD050309

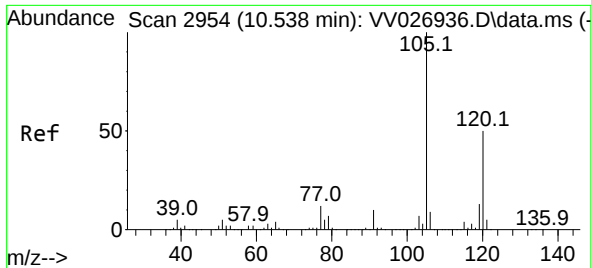
Tgt Ion:105 Resp: 1061028
Ion Ratio Lower Upper
105 100
120 26.6 21.1 31.7
77 14.5 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 48.842 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV026947.D
Acq: 26 Jul 2022 12:05

Tgt Ion: 75 Resp: 328707
Ion Ratio Lower Upper
75 100
77 32.3 25.6 38.4
110 40.7 31.7 47.5

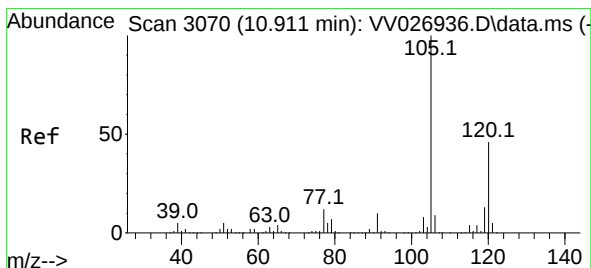
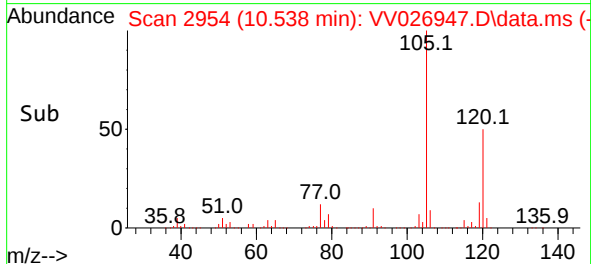
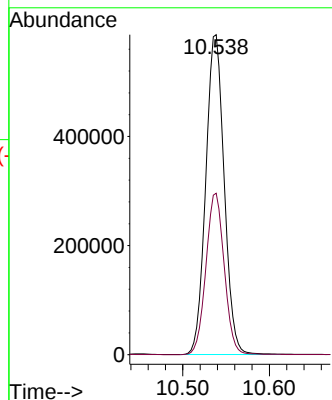
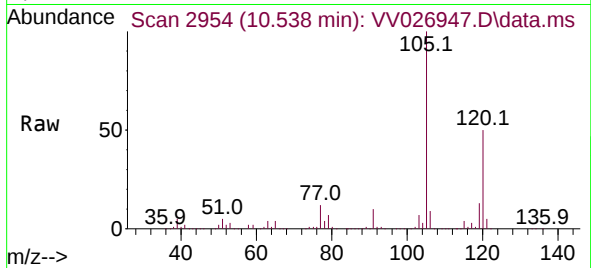




#62
 1,3,5-Trimethylbenzene
 Concen: 53.852 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV026947.D
 Acq: 26 Jul 2022 12:05

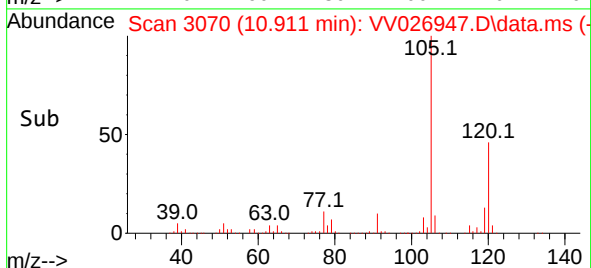
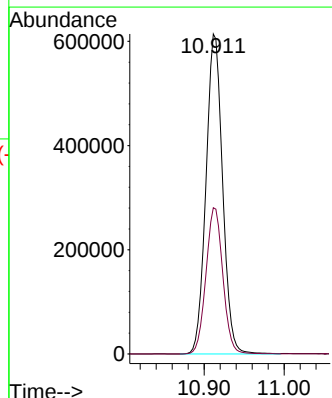
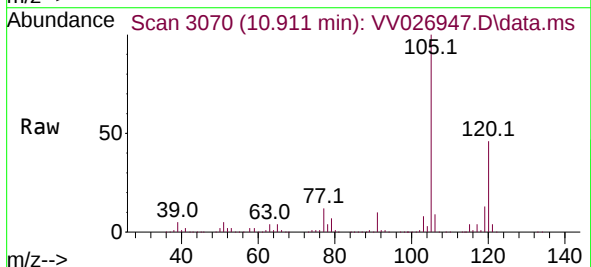
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050309

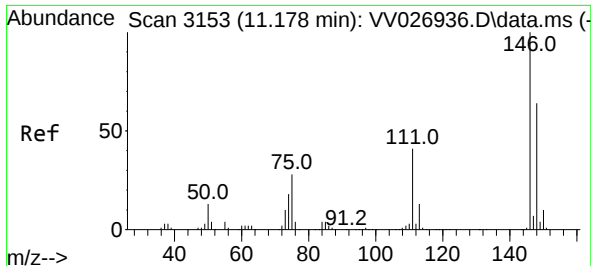
Tgt Ion:105 Resp: 867479
 Ion Ratio Lower Upper
 105 100
 120 50.1 39.8 59.6



#63
 1,2,4-Trimethylbenzene
 Concen: 54.938 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. 0.000 min
 Lab File: VV026947.D
 Acq: 26 Jul 2022 12:05

Tgt Ion:105 Resp: 887662
 Ion Ratio Lower Upper
 105 100
 120 46.5 37.1 55.7

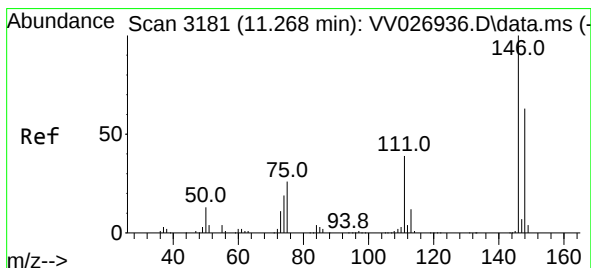
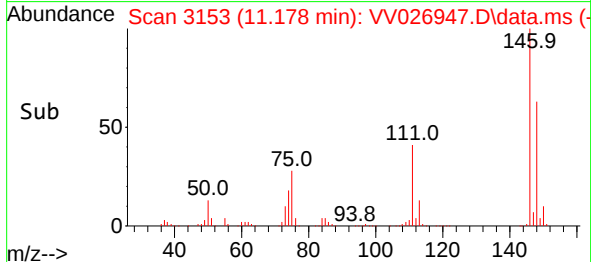
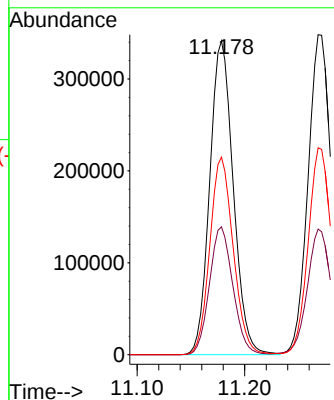
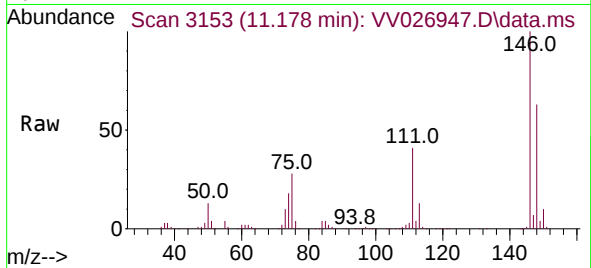




#64
1,3-Dichlorobenzene
Concen: 51.299 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV026947.D
Acq: 26 Jul 2022 12:05

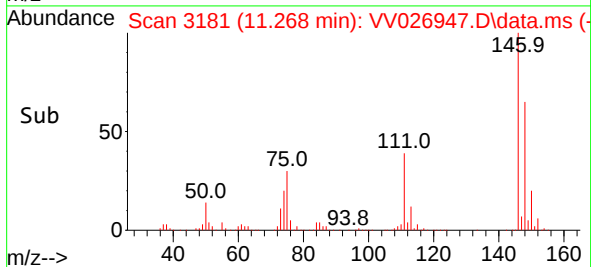
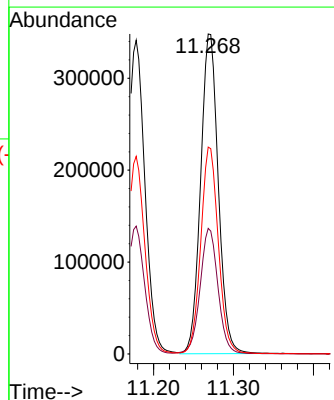
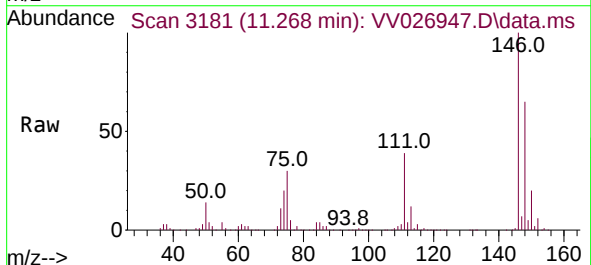
Instrument :
MSVOA_V
ClientSampleId :
VSTD050309

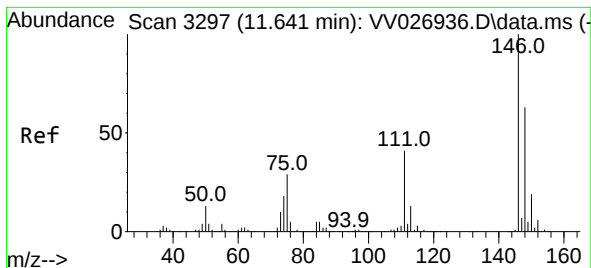
Tgt Ion:146 Resp: 519497
Ion Ratio Lower Upper
146 100
111 40.8 27.9 51.9
148 63.0 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 50.013 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV026947.D
Acq: 26 Jul 2022 12:05

Tgt Ion:146 Resp: 536657
Ion Ratio Lower Upper
146 100
111 39.2 27.4 51.0
148 64.7 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 51.648 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV026947.D

Acq: 26 Jul 2022 12:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD050309

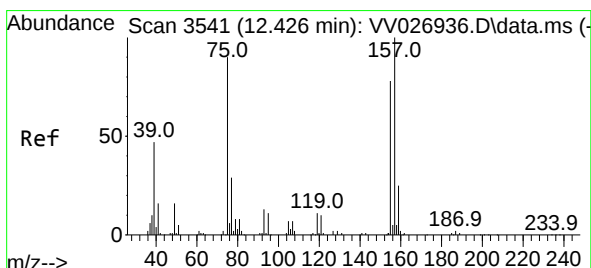
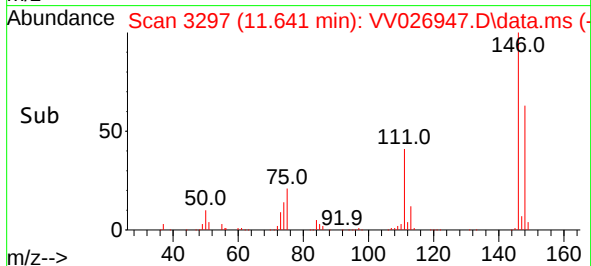
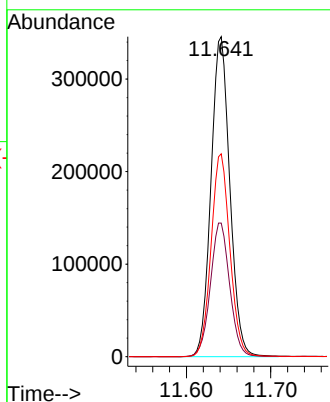
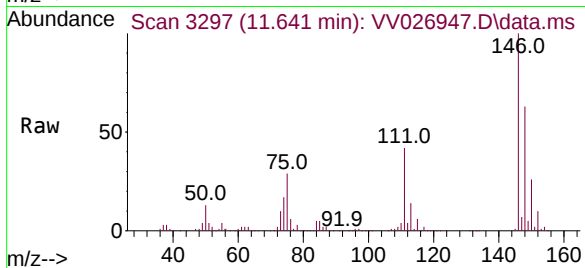
Tgt Ion:146 Resp: 536624

Ion Ratio Lower Upper

146 100

111 41.7 33.2 49.8

148 63.4 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 47.225 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV026947.D

Acq: 26 Jul 2022 12:05

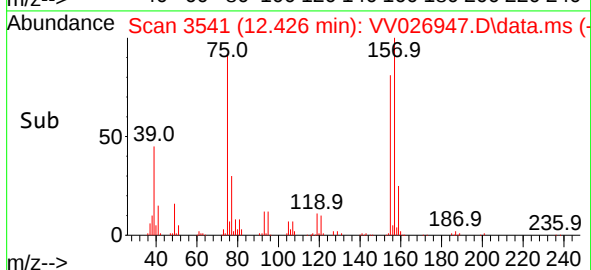
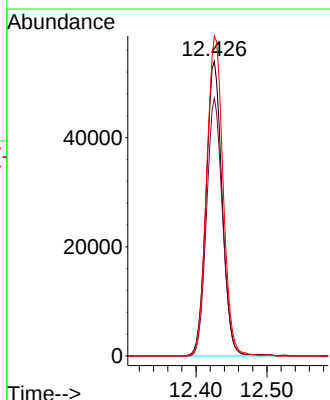
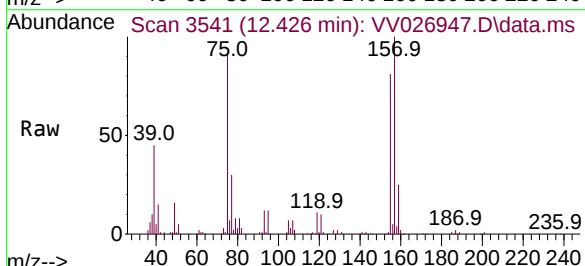
Tgt Ion: 75 Resp: 84912

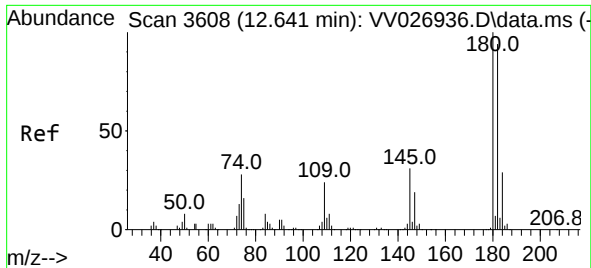
Ion Ratio Lower Upper

75 100

155 87.4 67.7 101.5

157 108.6 87.1 130.7

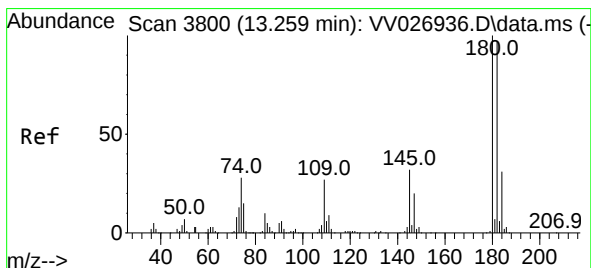
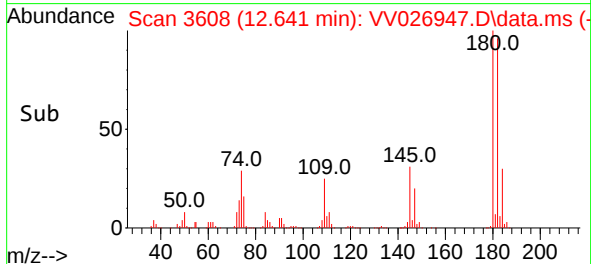
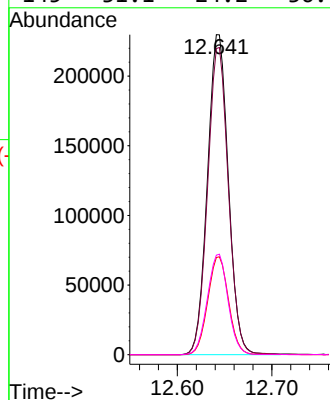
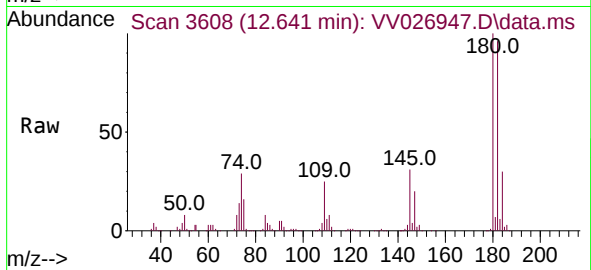




#69
 1,3,5-Trichlorobenzene
 Concen: 49.235 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. 0.000 min
 Lab File: VV026947.D
 Acq: 26 Jul 2022 12:05

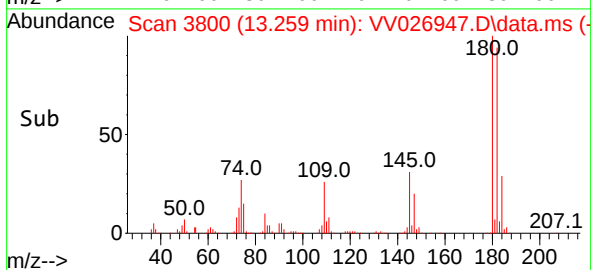
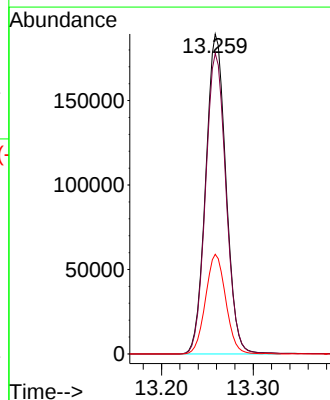
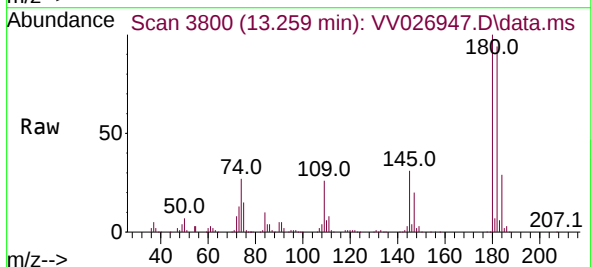
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050309

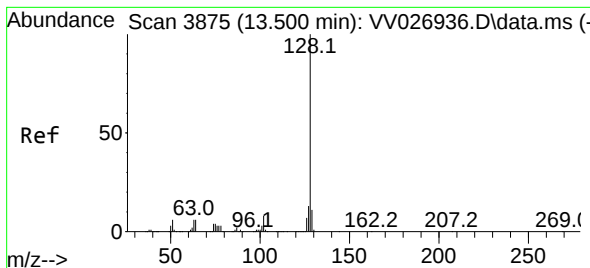
Tgt Ion:180 Resp: 352970
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.6 113.4
 184 30.5 23.8 35.8
 145 31.1 24.2 36.4



#70
 1,2,4-trichlorobenzene
 Concen: 48.042 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV026947.D
 Acq: 26 Jul 2022 12:05

Tgt Ion:180 Resp: 290195
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.2 114.4
 145 31.1 25.0 37.6





#71

Naphthalene

Concen: 48.086 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV026947.D

Acq: 26 Jul 2022 12:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD050309

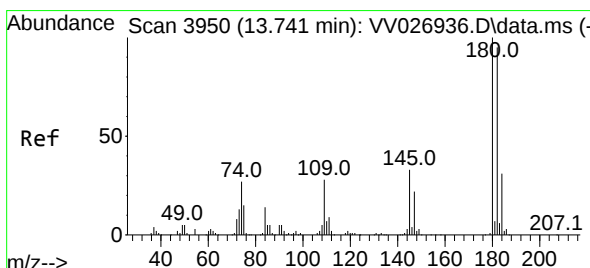
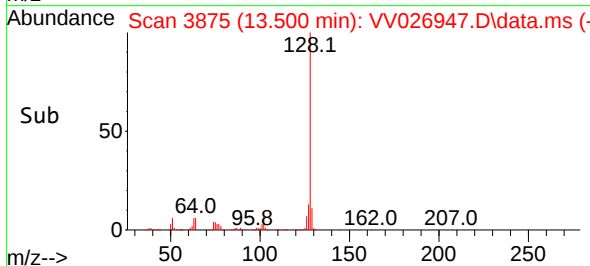
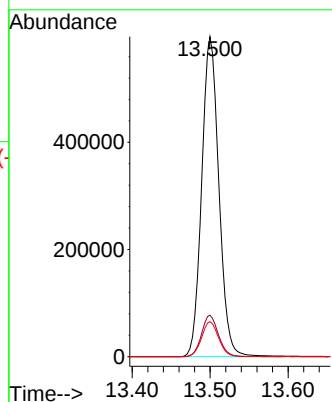
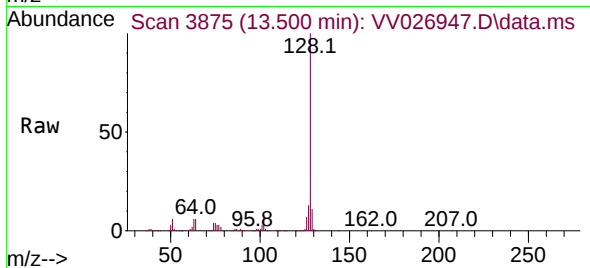
Tgt Ion:128 Resp: 913387

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 49.434 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV026947.D

Acq: 26 Jul 2022 12:05

Tgt Ion:180 Resp: 311481

Ion Ratio Lower Upper

180 100

182 96.0 75.4 113.2

145 33.7 26.6 40.0

