

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061522\
 Data File : VW026270.D
 Acq On : 15 Jun 2022 11:34
 Operator : SY/MD
 Sample : VSTD02071
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02071

Quant Time: Jun 16 01:03:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 01:00:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	224228	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	214050	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	115052	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	381284	14.113	ug/L	0.00
7) Chloroethane-d5	1.574	69	287328	13.524	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.114	63	652476	14.759	ug/L	0.00
20) 2-Butanone-d5	3.902	46	520823	243.916	ug/L	-0.01
24) Chloroform-d	4.352	84	588413	15.291	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	239776	15.322	ug/L	0.00
32) Benzene-d6	5.053	84	1244534	16.264	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	345584	15.580	ug/L	0.00
41) Toluene-d8	7.317	98	1181089	17.326	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	123060	18.164	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	454740	217.224	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	217200	16.146	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	371936	15.612	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.137	85	329444	15.997	ug/L	100
3) Chloromethane	1.246	50	353689	16.076	ug/L	98
5) Vinyl chloride	1.317	62	371199	15.981	ug/L	99
6) Bromomethane	1.529	94	210487	15.581	ug/L	99
8) Chloroethane	1.593	64	226879	15.672	ug/L	97
9) Trichlorofluoromethane	1.761	101	516568	16.275	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	299212	16.558	ug/L	99
12) 1,1-Dichloroethene	2.124	96	275064	16.103	ug/L	93
13) Acetone	2.198	43	282033	208.237	ug/L	95
14) Carbon disulfide	2.298	76	711189	16.438	ug/L	99
15) Methyl Acetate	2.449	43	67406	17.942	ug/L	96
16) Methylene chloride	2.513	84	278401	15.554	ug/L	99
17) Methyl tert-butyl Ether	2.780	73	537391	19.010	ug/L	100
18) trans-1,2-Dichloroethene	2.767	96	280312	17.080	ug/L	99
19) 1,1-Dichloroethane	3.195	63	520132	16.511	ug/L	99
21) 2-Butanone	3.986	43	494846	270.728	ug/L	95
22) cis-1,2-Dichloroethene	3.918	96	304037	18.429	ug/L	100
23) Bromochloromethane	4.253	128	123380	17.720	ug/L	94
25) Chloroform	4.381	83	552439	16.765	ug/L	98
27) 1,2-Dichloroethane	5.134	62	267934	17.392	ug/L	100
29) 1,1,1-Trichloroethane	4.613	97	475043	16.983	ug/L	98
30) Cyclohexane	4.680	56	419370	19.539	ug/L	99
31) Carbon tetrachloride	4.831	117	404643	17.763	ug/L	99
33) Benzene	5.101	78	1178616	18.421	ug/L	100
34) Trichloroethene	5.915	95	300709	17.215	ug/L	97
35) Methylcyclohexane	6.133	83	483719	20.388	ug/L	97
37) 1,2-Dichloropropane	6.175	63	288626	17.114	ug/L	98
38) Bromodichloromethane	6.510	83	361083	18.041	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	392581	20.822	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	1264708	207.805	ug/L	96
42) Toluene	7.387	91	1295870	19.020	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	315617	21.325	ug/L	96

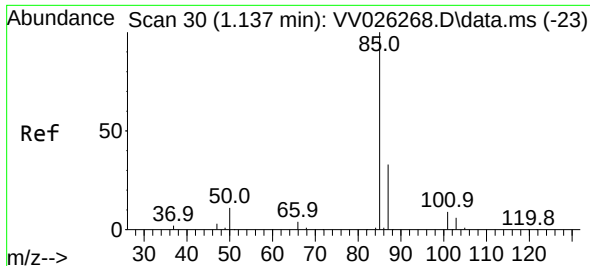
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061522\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 01:00:29 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	190759	17.933	ug/L	96
47) Tetrachloroethene	7.976	164	230660	18.240	ug/L	99
48) 2-Hexanone	8.140	43	870649	203.745	ug/L	97
49) Dibromochloromethane	8.246	129	223699	19.232	ug/L	97
50) 1,2-Dibromoethane	8.352	107	166062	18.347	ug/L	100
51) Chlorobenzene	8.879	112	796901	18.134	ug/L	99
52) Ethylbenzene	9.011	91	1396801	20.558	ug/L	99
53) m,p-Xylene	9.137	106	548347	21.020	ug/L	99
54) o-Xylene	9.542	106	533051	21.019	ug/L	97
55) Styrene	9.558	104	915841	21.934	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	205192	19.133	ug/L	95
59) Bromoform	9.731	173	106407	18.997	ug/L	100
60) Isopropylbenzene	9.931	105	1431116	19.130	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	144909	16.386	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	1200008	20.256	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	1209385	20.784	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	652369	18.179	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	645056	18.021	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	573876	17.890	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	27584	17.931	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	475021	18.616	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	367005	19.898	ug/L	99
71) Naphthalene	13.500	128	560379	21.774	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	313035	20.548	ug/L	98

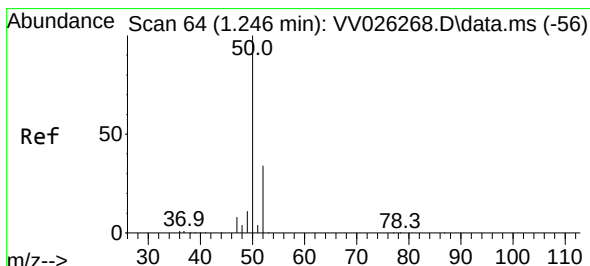
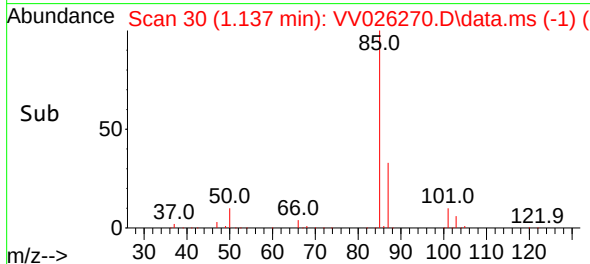
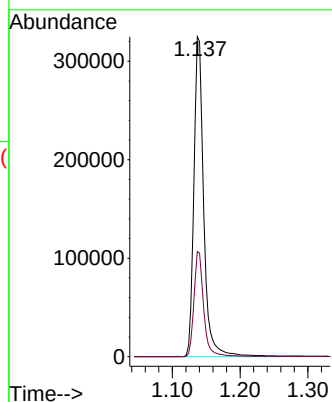
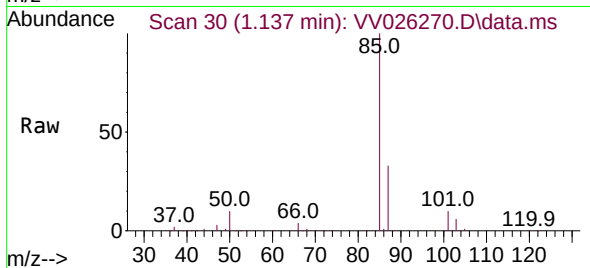
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 15.997 ug/L
 RT: 1.137 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VV026270.D
 Acq: 15 Jun 2022 11:34

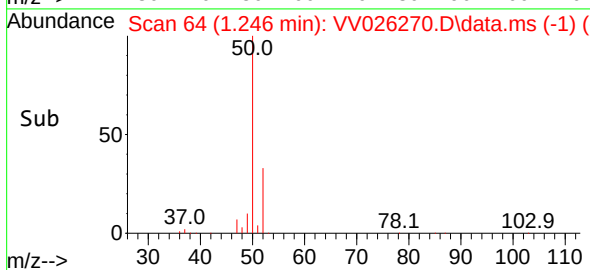
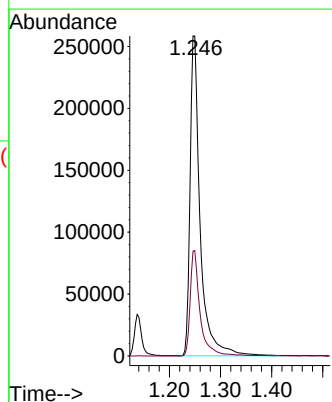
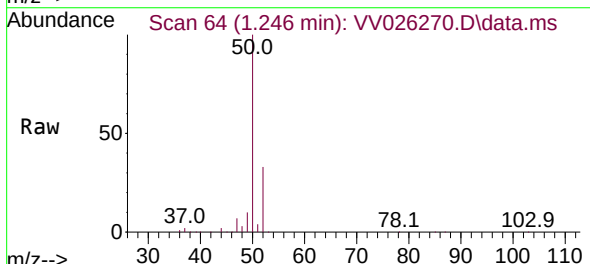
Instrument :
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 ClientSampleId :
 VSTD020271

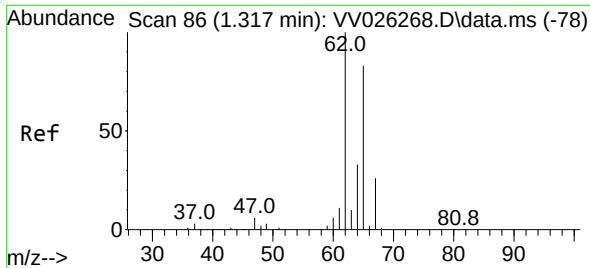
Tgt Ion: 85 Resp: 329444
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.0 39.0



#3
 Chloromethane
 Concen: 16.076 ug/L
 RT: 1.246 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: VV026270.D
 Acq: 15 Jun 2022 11:34

Tgt Ion: 50 Resp: 353689
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.7 44.1

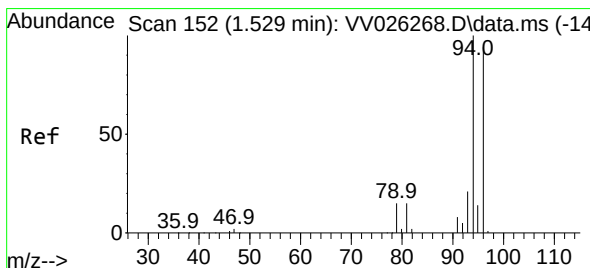
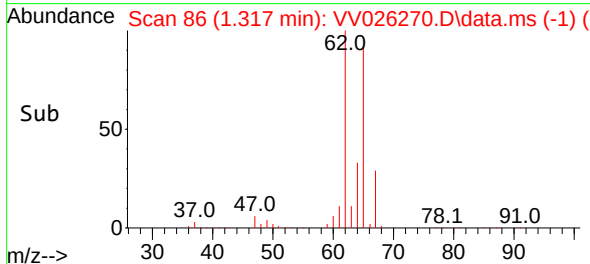
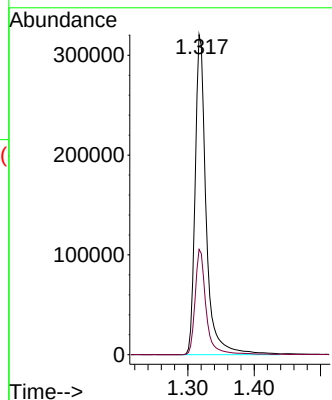
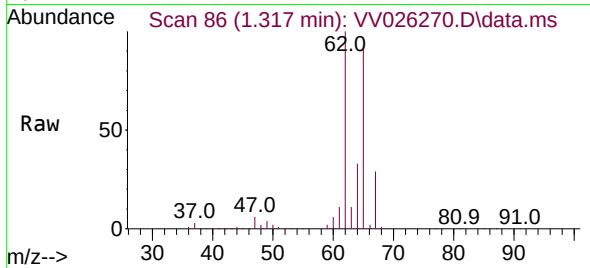




#5
 Vinyl chloride
 Concen: 15.981 ug/L
 RT: 1.317 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VV026270.D
 Acq: 15 Jun 2022 11:34

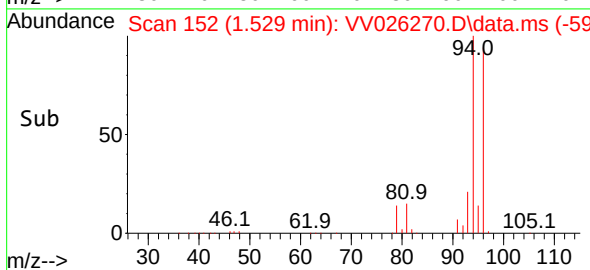
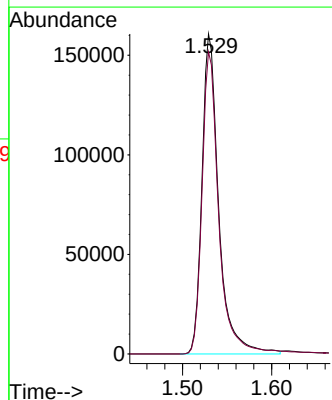
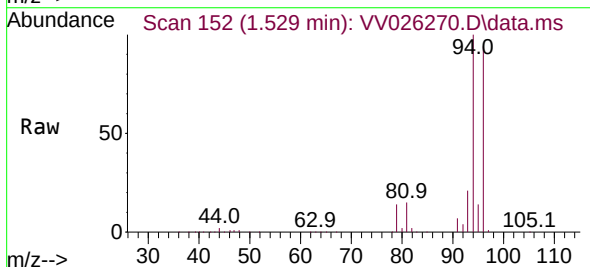
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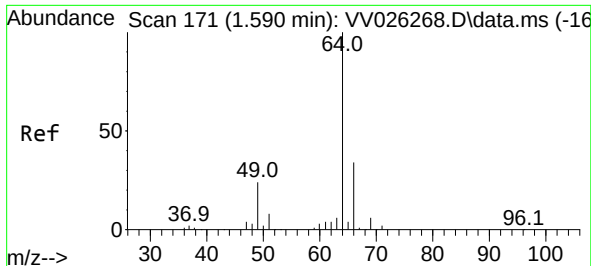
Tgt Ion: 62 Resp: 371199
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.2 43.2



#6
 Bromomethane
 Concen: 15.581 ug/L
 RT: 1.529 min Scan# 152
 Delta R.T. 0.000 min
 Lab File: VV026270.D
 Acq: 15 Jun 2022 11:34

Tgt Ion: 94 Resp: 210487
 Ion Ratio Lower Upper
 94 100
 96 94.4 65.7 121.9

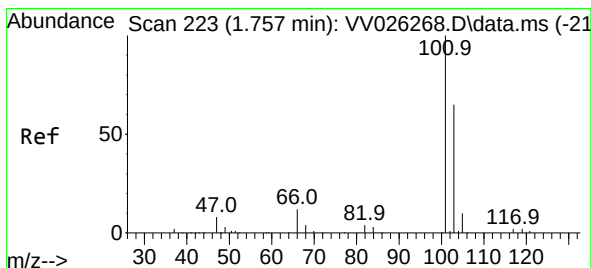
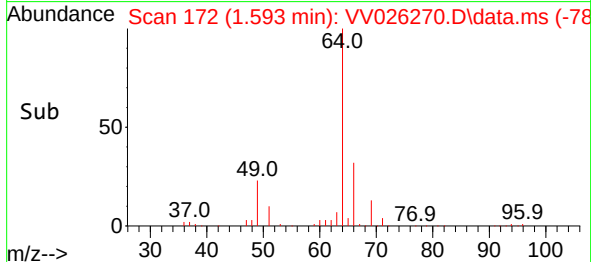
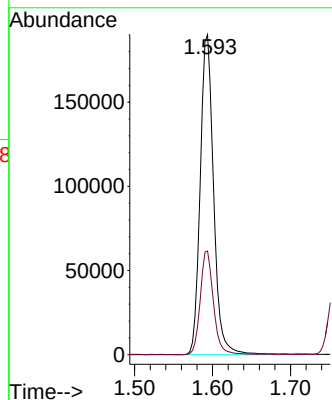
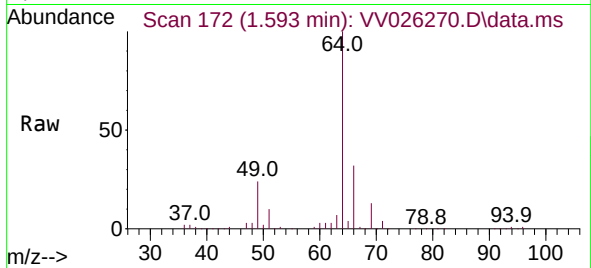




#8
Chloroethane
Concen: 15.672 ug/L
RT: 1.593 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026270.D
Acq: 15 Jun 2022 11:34

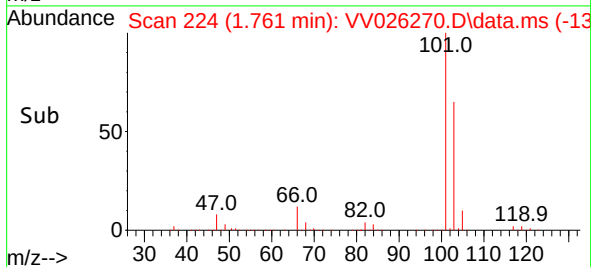
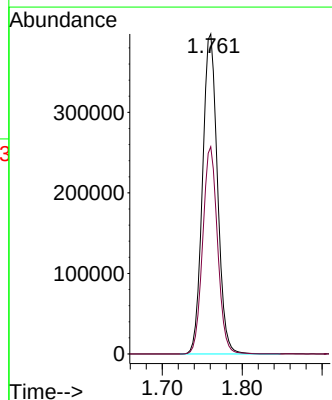
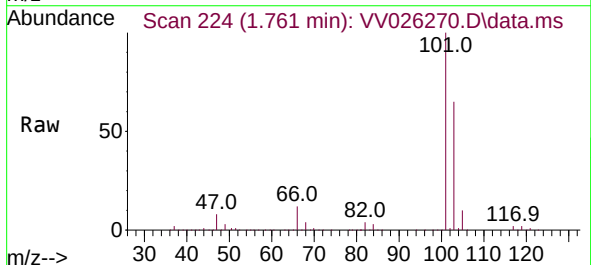
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ClientSampleId :
VSTD020271

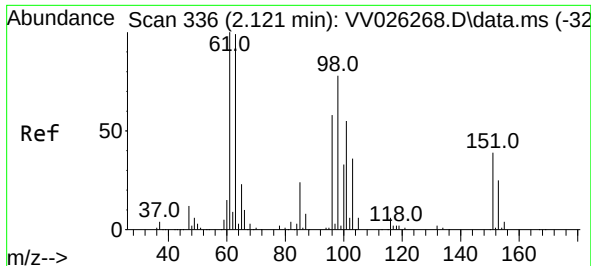
Tgt Ion: 64 Resp: 226879
Ion Ratio Lower Upper
64 100
66 32.4 24.1 44.7



#9
Trichlorofluoromethane
Concen: 16.275 ug/L
RT: 1.761 min Scan# 224
Delta R.T. 0.003 min
Lab File: VV026270.D
Acq: 15 Jun 2022 11:34

Tgt Ion:101 Resp: 516568
Ion Ratio Lower Upper
101 100
103 64.4 52.3 78.5

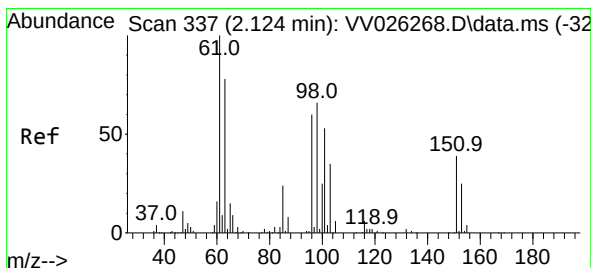
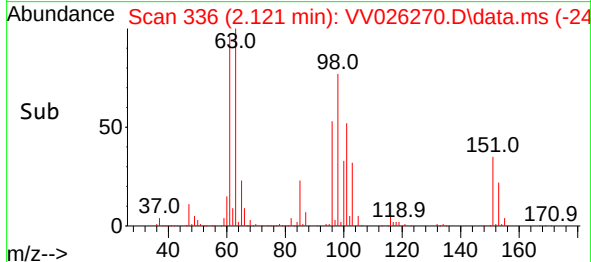
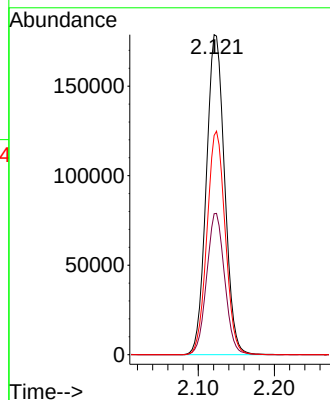
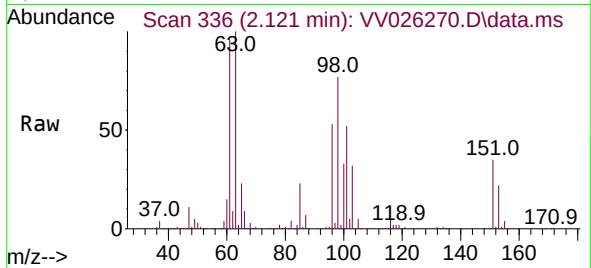




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 16.558 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV026270.D
 Acq: 15 Jun 2022 11:34

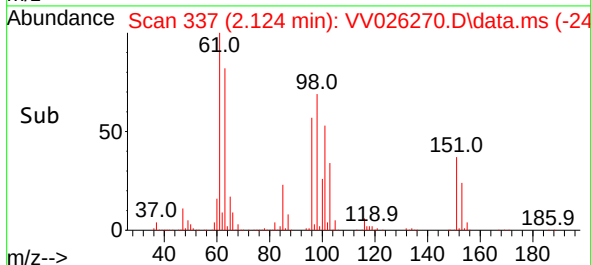
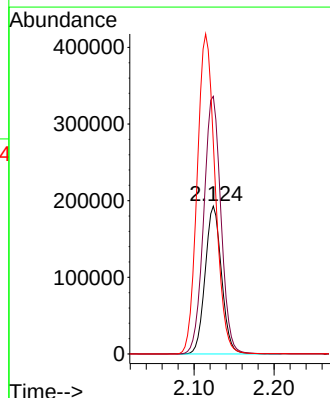
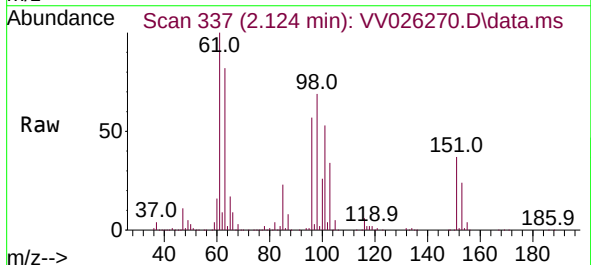
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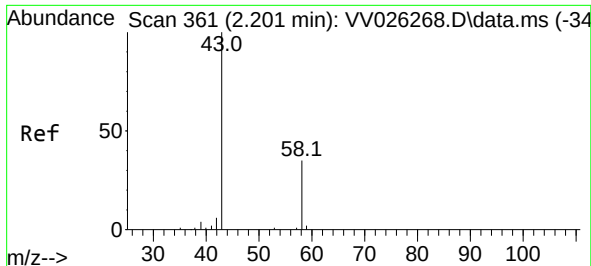
Tgt Ion:101 Resp: 299212
 Ion Ratio Lower Upper
 101 100
 85 43.5 35.3 52.9
 151 69.5 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 16.103 ug/L
 RT: 2.124 min Scan# 337
 Delta R.T. 0.000 min
 Lab File: VV026270.D
 Acq: 15 Jun 2022 11:34

Tgt Ion: 96 Resp: 275064
 Ion Ratio Lower Upper
 96 100
 61 174.2 117.1 217.5
 63 142.9 92.8 172.4





#13

Acetone

Concen: 208.237 ug/L

RT: 2.198 min Scan# 361

Delta R.T. -0.003 min

Lab File: VV026270.D

Acq: 15 Jun 2022 11:34

Instrument :

MSVOA_V

ClientSampleId :

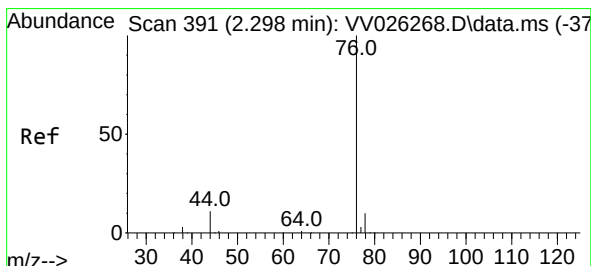
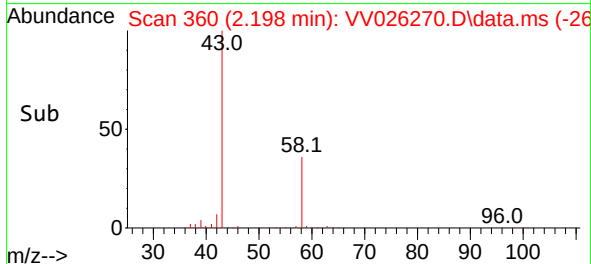
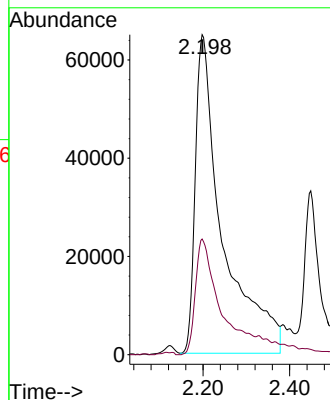
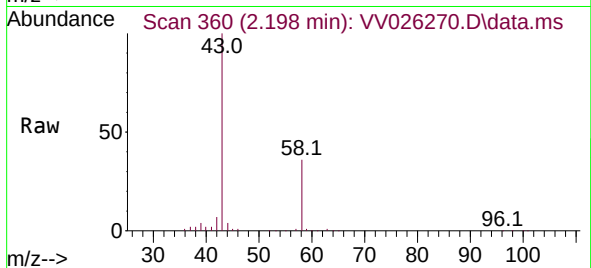
VSTD020271

Tgt Ion: 43 Resp: 282033

Ion Ratio Lower Upper

43 100

58 32.9 0.0 60.0



#14

Carbon disulfide

Concen: 16.438 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.000 min

Lab File: VV026270.D

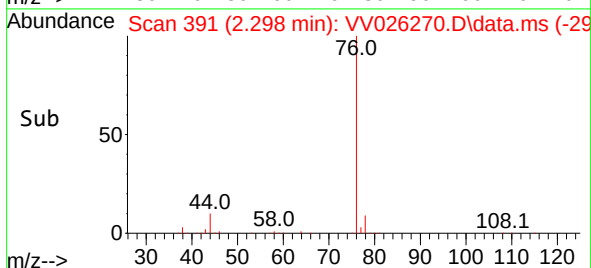
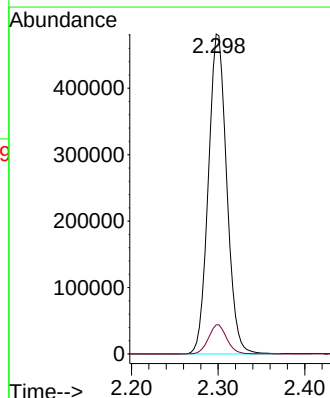
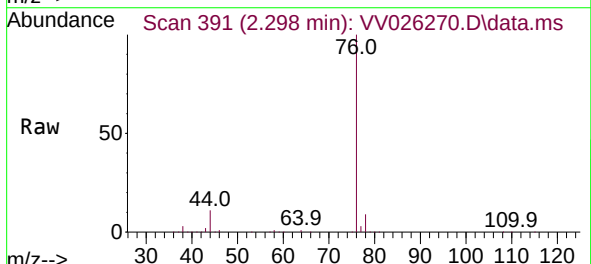
Acq: 15 Jun 2022 11:34

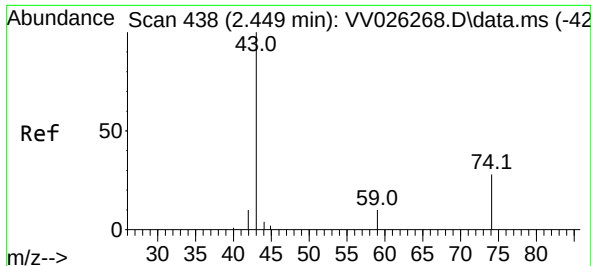
Tgt Ion: 76 Resp: 711189

Ion Ratio Lower Upper

76 100

78 9.1 7.7 11.5

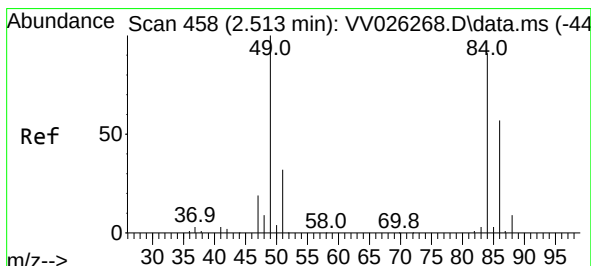
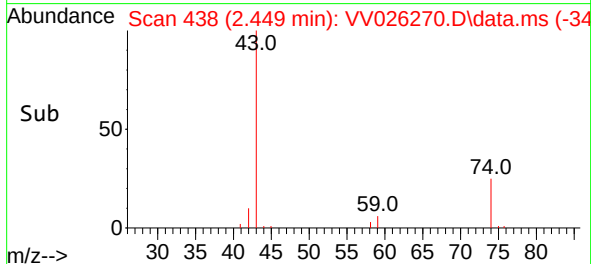
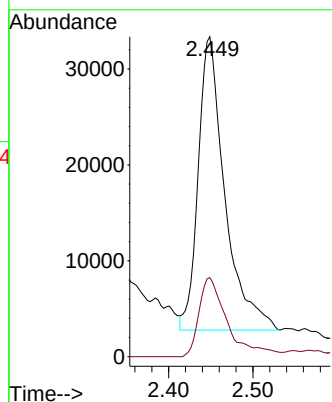
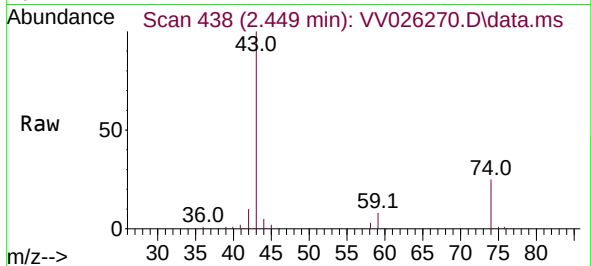




#15
Methyl Acetate
Concen: 17.942 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV026270.D
Acq: 15 Jun 2022 11:34

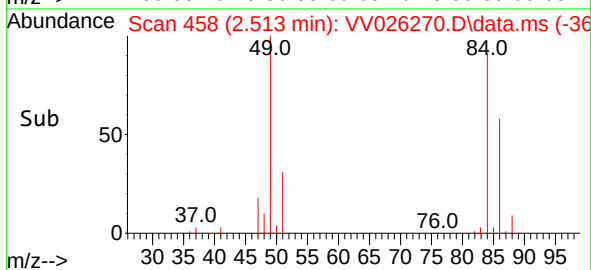
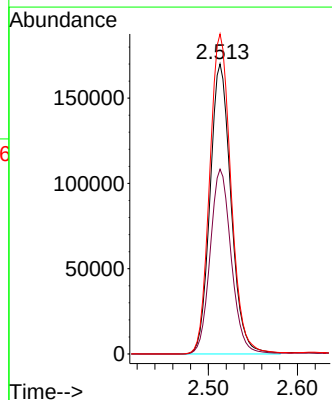
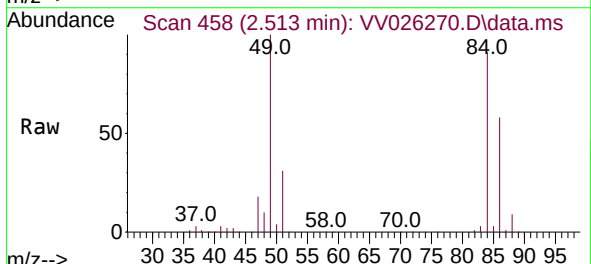
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ClientSampleId :
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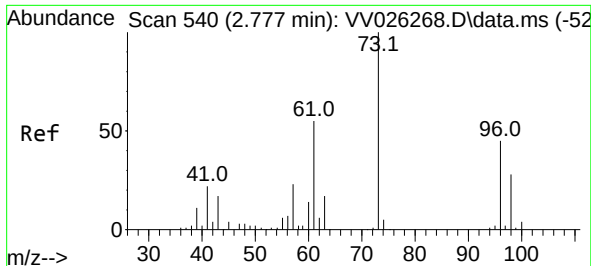
Tgt Ion: 43 Resp: 67406
Ion Ratio Lower Upper
43 100
74 28.8 21.4 32.0



#16
Methylene chloride
Concen: 15.554 ug/L
RT: 2.513 min Scan# 458
Delta R.T. 0.000 min
Lab File: VV026270.D
Acq: 15 Jun 2022 11:34

Tgt Ion: 84 Resp: 278401
Ion Ratio Lower Upper
84 100
86 63.7 44.0 81.8
49 110.3 77.3 143.7

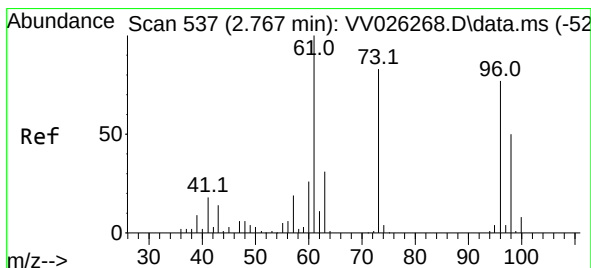
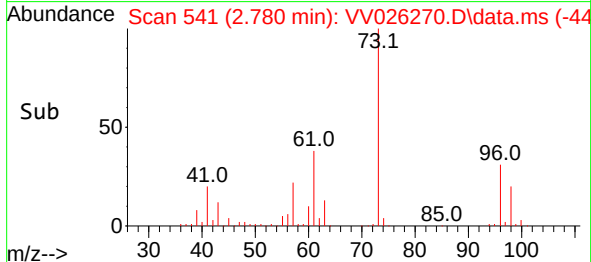
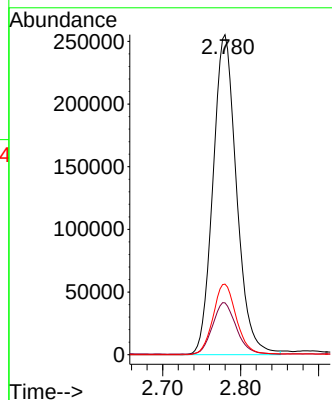
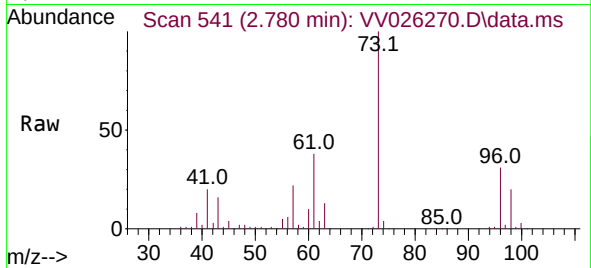




#17
Methyl tert-butyl Ether
Concen: 19.010 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.003 min
Lab File: VV026270.D
Acq: 15 Jun 2022 11:34

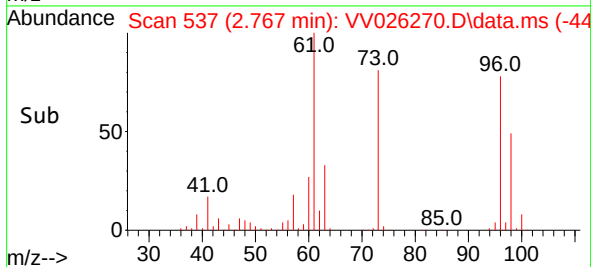
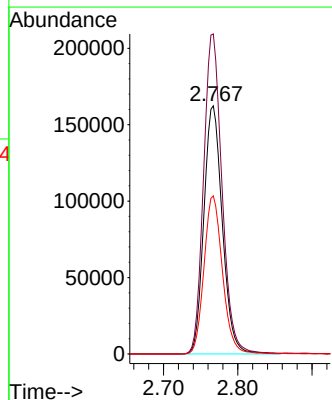
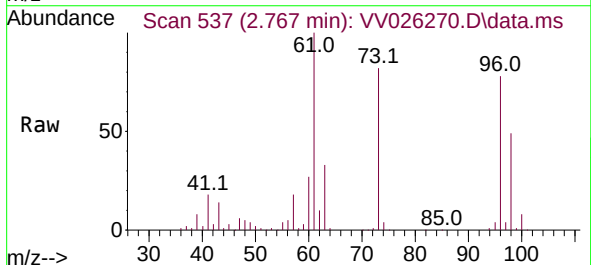
Instrument :
MSVOA_V
ClientSampleId :
VSTD020271

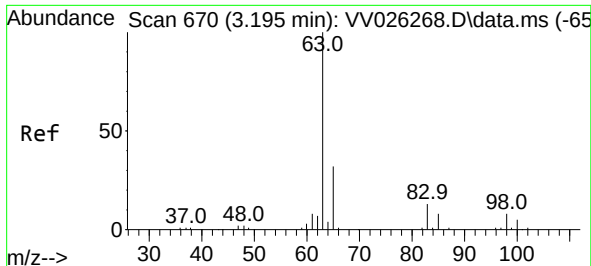
Tgt Ion: 73 Resp: 537391
Ion Ratio Lower Upper
73 100
43 16.0 13.0 19.6
57 22.0 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 17.080 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV026270.D
Acq: 15 Jun 2022 11:34

Tgt Ion: 96 Resp: 280312
Ion Ratio Lower Upper
96 100
61 129.0 91.3 169.6
98 63.7 45.3 84.1





#19

1,1-Dichloroethane

Concen: 16.511 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.000 min

Lab File: VV026270.D

Acq: 15 Jun 2022 11:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD020271

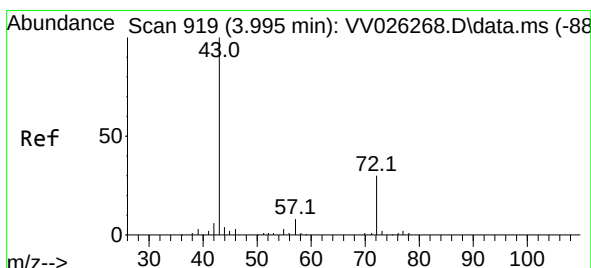
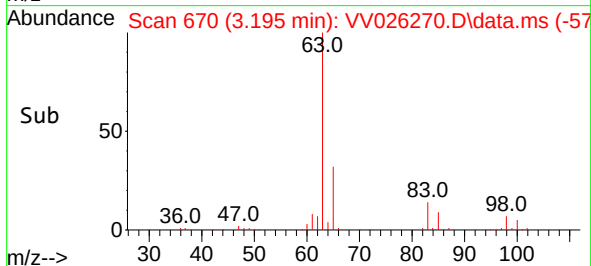
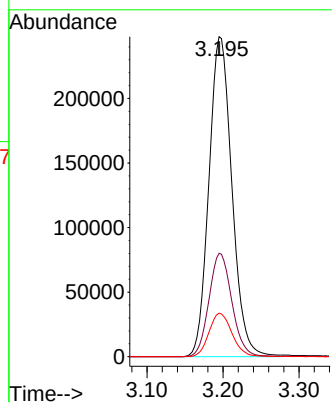
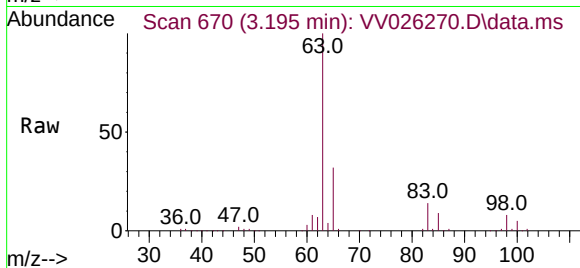
Tgt Ion: 63 Resp: 520132

Ion Ratio Lower Upper

63 100

65 32.3 22.3 41.3

83 13.6 8.9 16.5



#21

2-Butanone

Concen: 270.728 ug/L

RT: 3.986 min Scan# 916

Delta R.T. -0.010 min

Lab File: VV026270.D

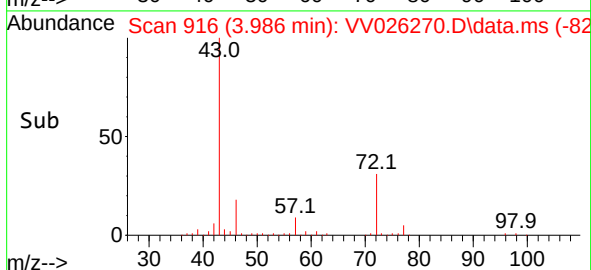
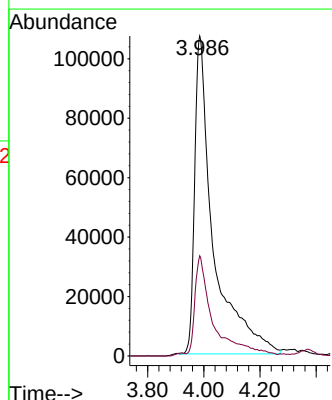
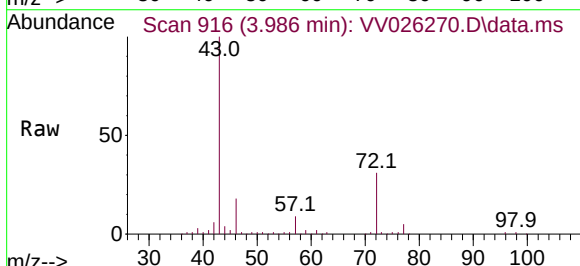
Acq: 15 Jun 2022 11:34

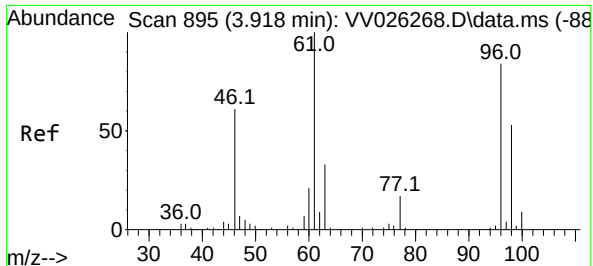
Tgt Ion: 43 Resp: 494846

Ion Ratio Lower Upper

43 100

72 22.6 12.7 38.0





#22

cis-1,2-Dichloroethene

Concen: 18.429 ug/L

RT: 3.918 min Scan# 895

Delta R.T. 0.000 min

Lab File: VV026270.D

Acq: 15 Jun 2022 11:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD020271

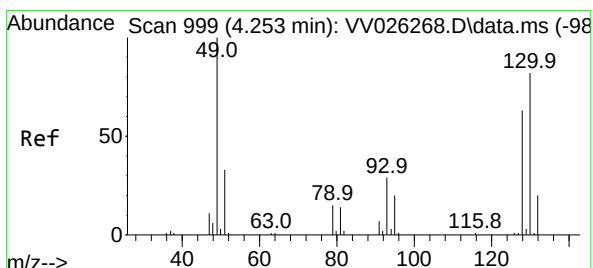
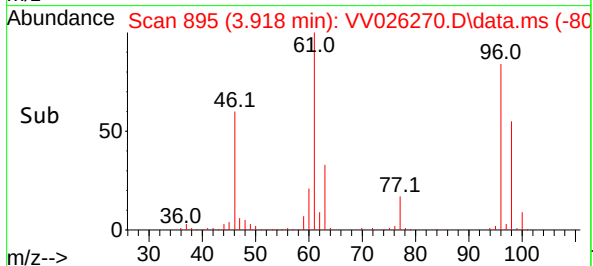
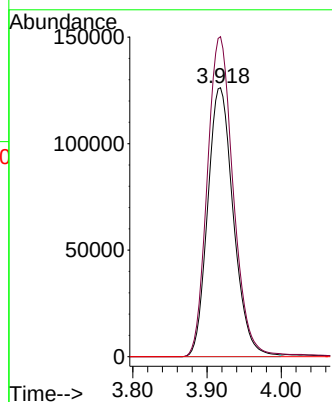
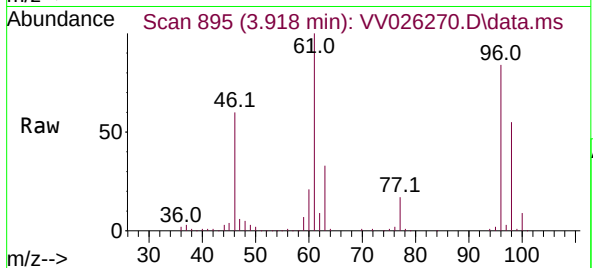
Tgt Ion: 96 Resp: 304037

Ion Ratio Lower Upper

96 100

61 119.0 83.6 155.2

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 17.720 ug/L

RT: 4.253 min Scan# 999

Delta R.T. 0.000 min

Lab File: VV026270.D

Acq: 15 Jun 2022 11:34

Tgt Ion:128 Resp: 123380

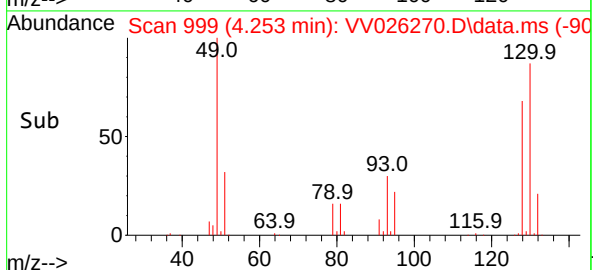
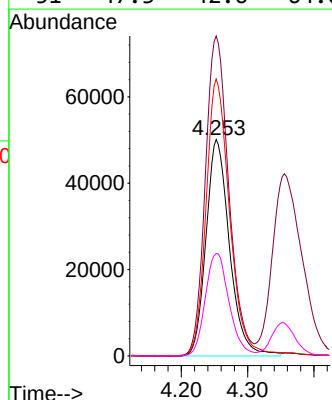
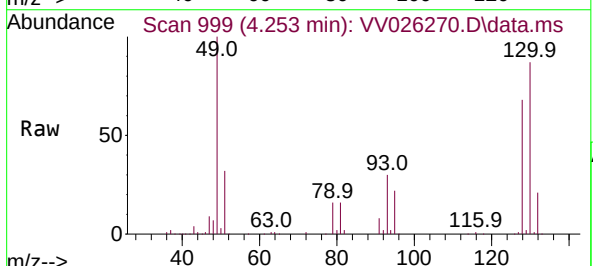
Ion Ratio Lower Upper

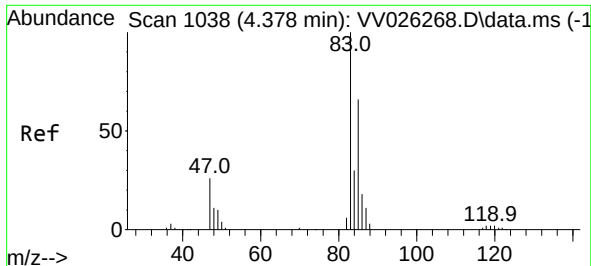
128 100

49 147.8 111.6 207.2

130 127.9 91.1 169.1

51 47.3 42.6 64.0

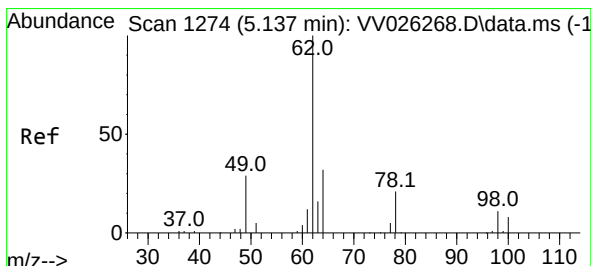
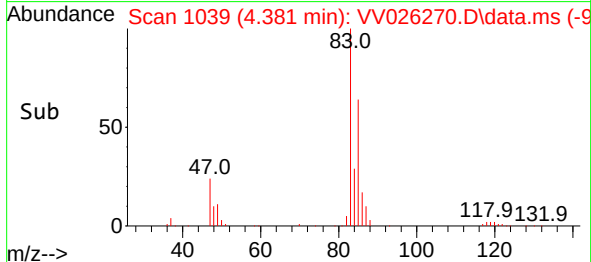
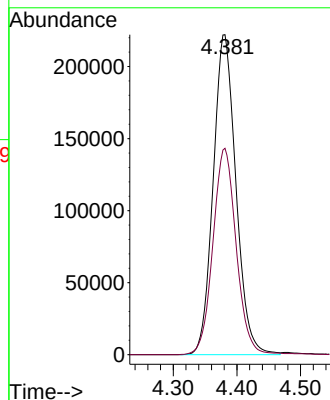
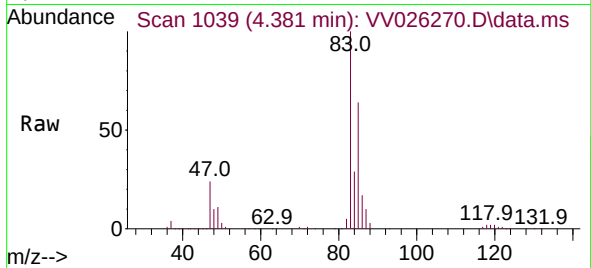




#25
Chloroform
Concen: 16.765 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VV026270.D
Acq: 15 Jun 2022 11:34

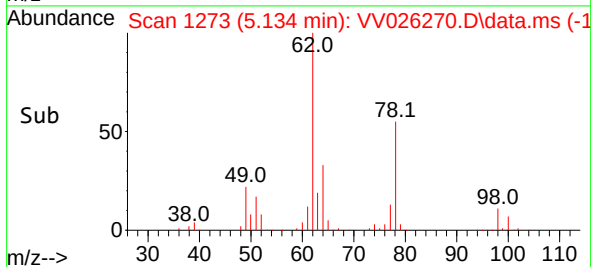
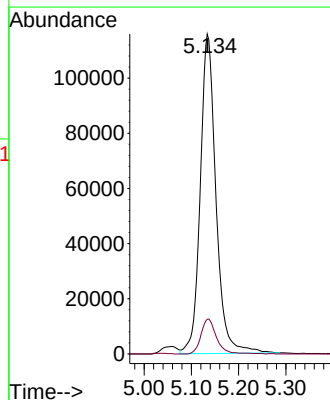
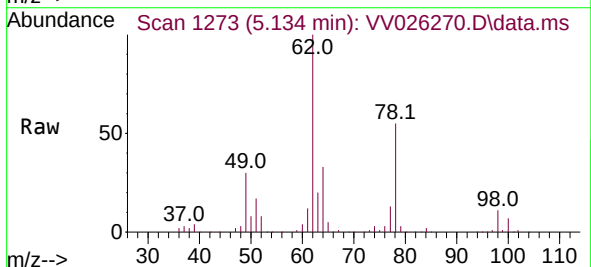
Instrument :
MSVOA_V
ClientSampleId :
VSTD020271

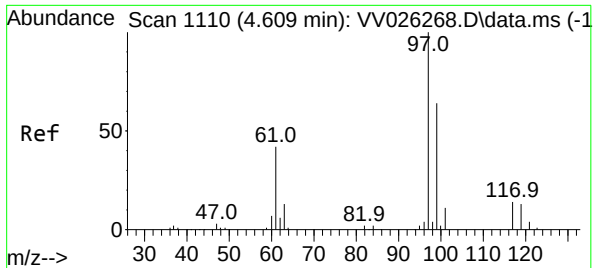
Tgt Ion: 83 Resp: 552439
Ion Ratio Lower Upper
83 100
85 64.5 46.5 86.3



#27
1,2-Dichloroethane
Concen: 17.392 ug/L
RT: 5.134 min Scan# 1273
Delta R.T. -0.003 min
Lab File: VV026270.D
Acq: 15 Jun 2022 11:34

Tgt Ion: 62 Resp: 267934
Ion Ratio Lower Upper
62 100
98 10.9 8.6 13.0





#29

1,1,1-Trichloroethane

Concen: 16.983 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VV026270.D

Acq: 15 Jun 2022 11:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD020271

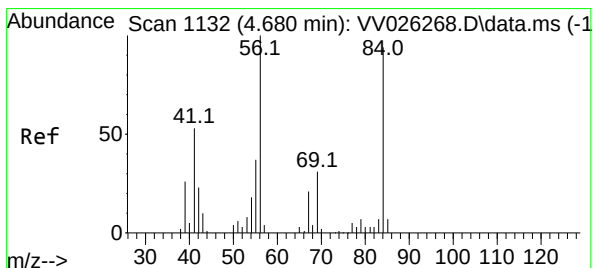
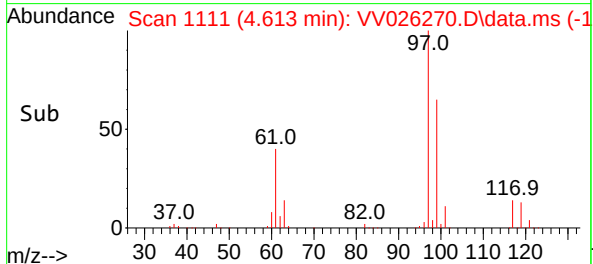
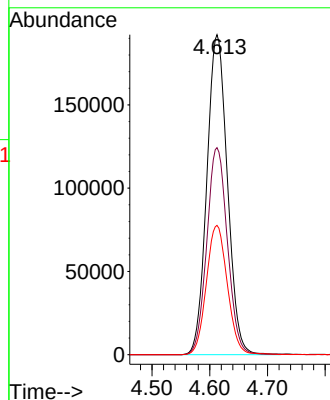
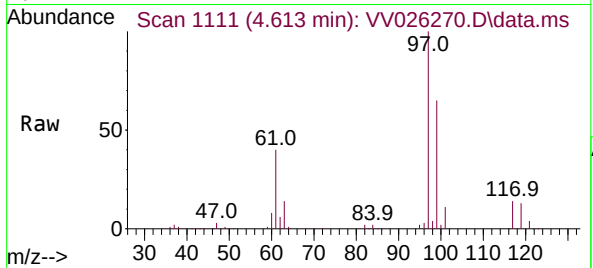
Tgt Ion: 97 Resp: 475043

Ion Ratio Lower Upper

97 100

99 65.1 50.3 75.5

61 41.4 33.4 50.0



#30

Cyclohexane

Concen: 19.539 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VV026270.D

Acq: 15 Jun 2022 11:34

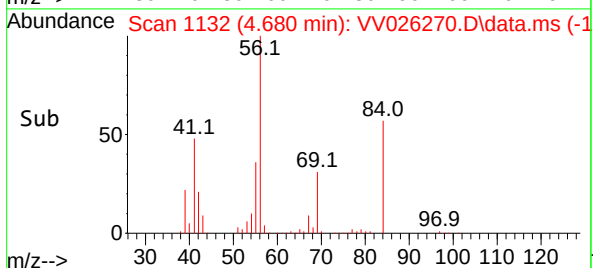
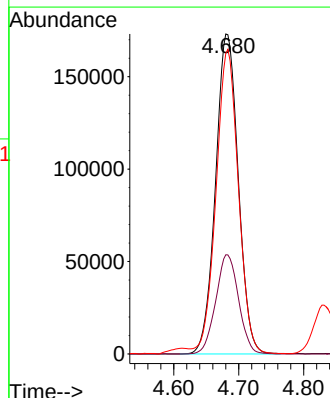
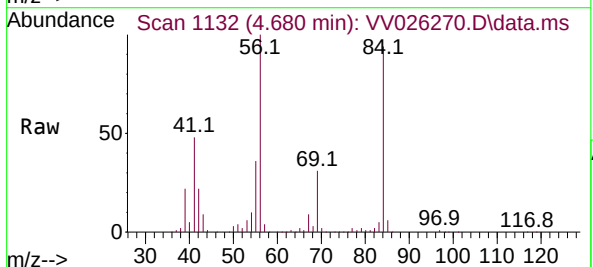
Tgt Ion: 56 Resp: 419370

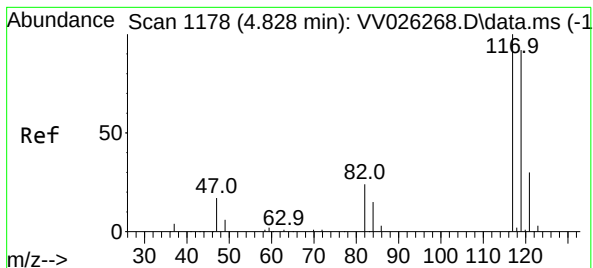
Ion Ratio Lower Upper

56 100

69 31.2 24.9 37.3

84 93.9 76.4 114.6





#31

Carbon tetrachloride

Concen: 17.763 ug/L

RT: 4.831 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VV026270.D

Acq: 15 Jun 2022 11:34

Instrument :

MSVOA_V

ClientSampleId :

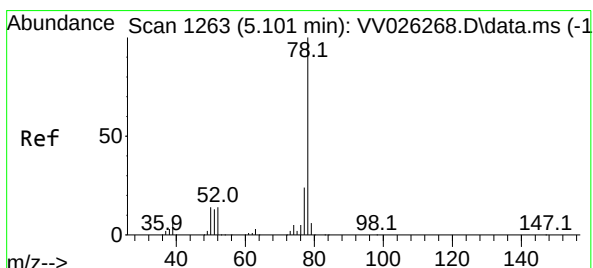
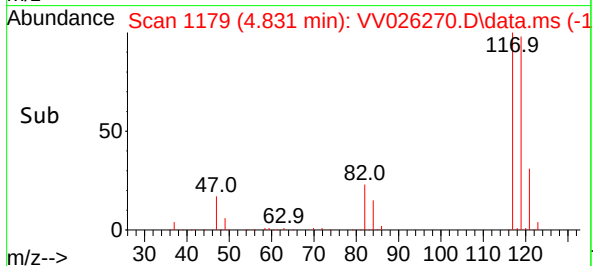
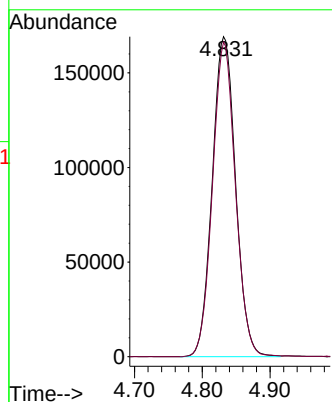
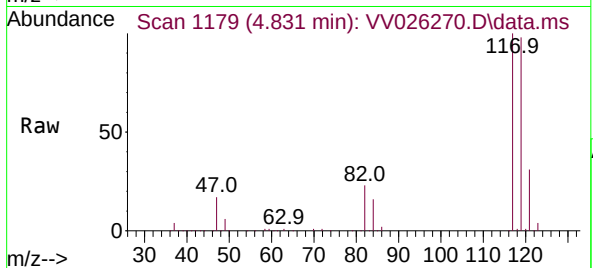
VSTD020271

Tgt Ion:117 Resp: 404643

Ion Ratio Lower Upper

117 100

119 96.4 76.2 114.4



#33

Benzene

Concen: 18.421 ug/L

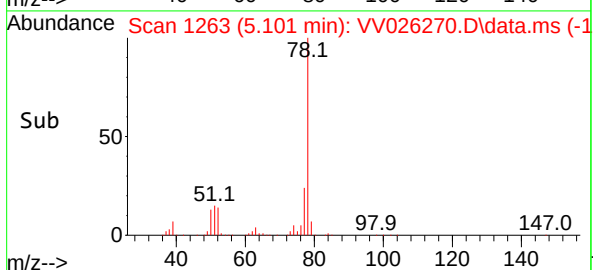
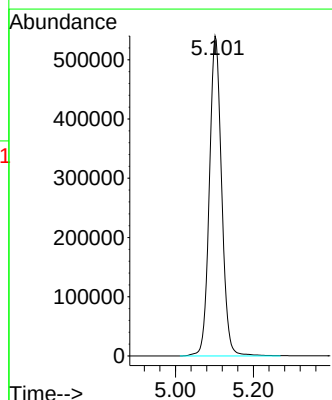
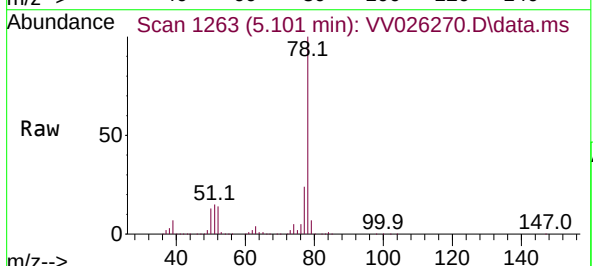
RT: 5.101 min Scan# 1263

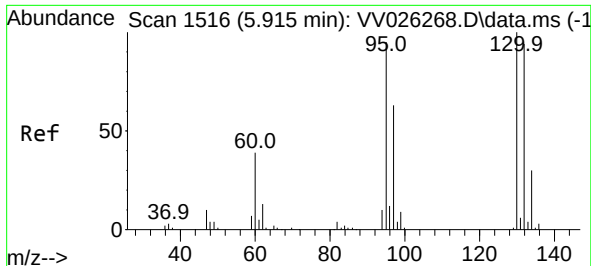
Delta R.T. 0.000 min

Lab File: VV026270.D

Acq: 15 Jun 2022 11:34

Tgt Ion: 78 Resp: 1178616

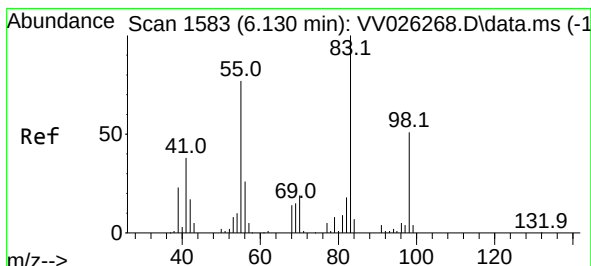
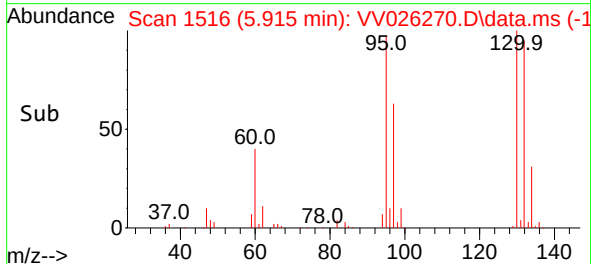
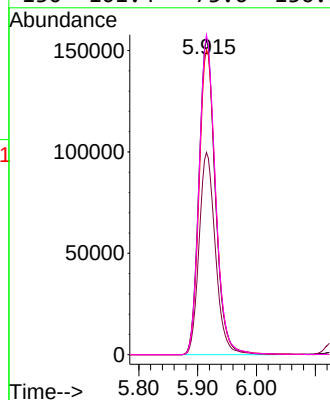
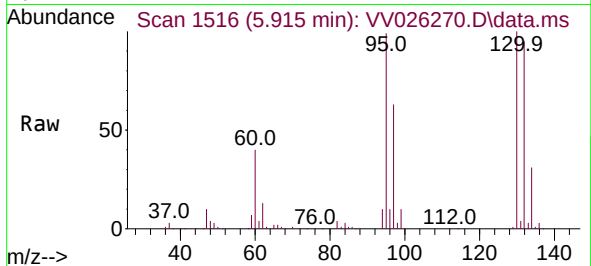




#34
Trichloroethene
Concen: 17.215 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV026270.D
Acq: 15 Jun 2022 11:34

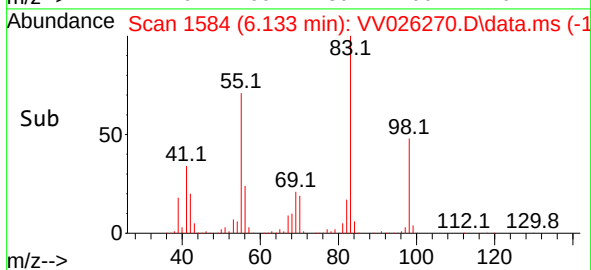
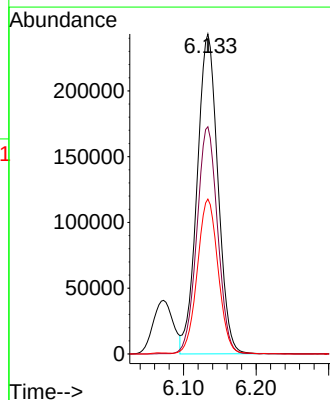
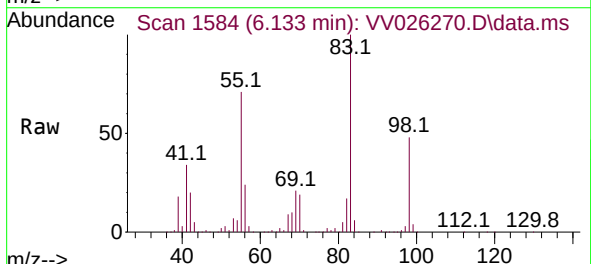
Instrument :
MSVOA_V
ClientSampleId :
VSTD020271

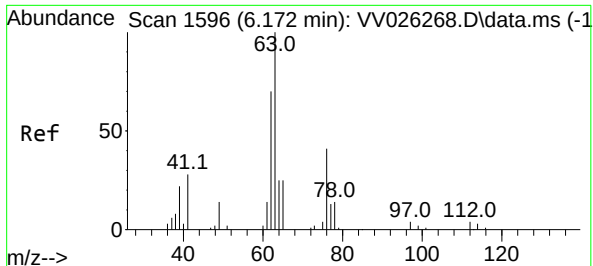
Tgt Ion: 95 Resp: 300709
Ion Ratio Lower Upper
95 100
97 64.1 46.5 86.3
132 96.8 68.8 127.8
130 101.4 73.6 136.6



#35
Methylcyclohexane
Concen: 20.388 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV026270.D
Acq: 15 Jun 2022 11:34

Tgt Ion: 83 Resp: 483719
Ion Ratio Lower Upper
83 100
55 71.1 59.3 88.9
98 48.4 39.9 59.9





#37

1,2-Dichloropropane

Concen: 17.114 ug/L

RT: 6.175 min Scan# 1596

Delta R.T. 0.003 min

Lab File: VV026270.D

Acq: 15 Jun 2022 11:34

Instrument :

MSVOA_V

ClientSampleId :

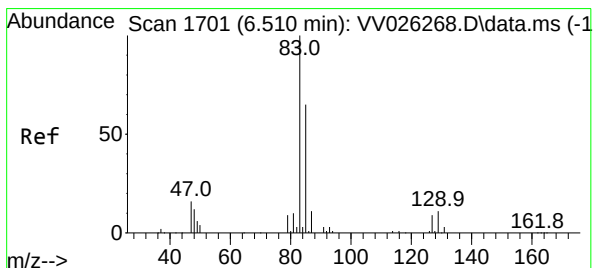
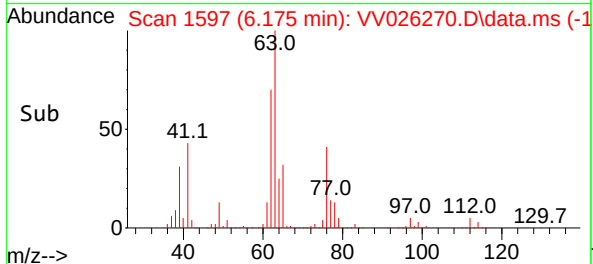
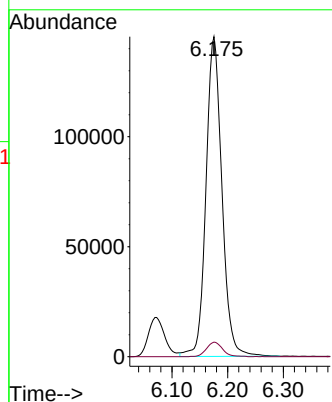
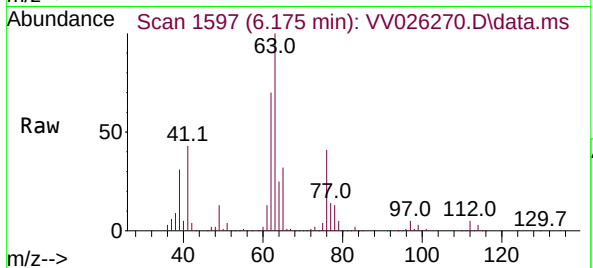
VSTD020271

Tgt Ion: 63 Resp: 288626

Ion Ratio Lower Upper

63 100

112 4.6 3.3 4.9



#38

Bromodichloromethane

Concen: 18.041 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VV026270.D

Acq: 15 Jun 2022 11:34

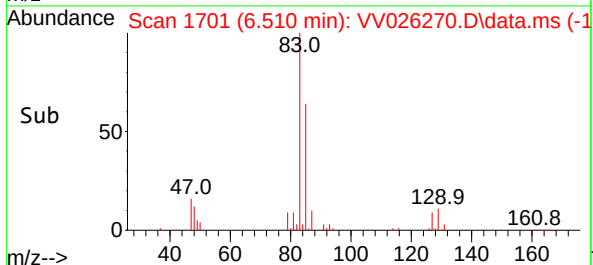
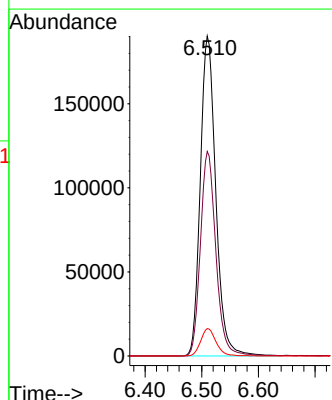
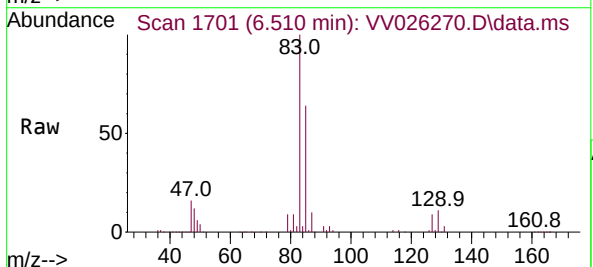
Tgt Ion: 83 Resp: 361083

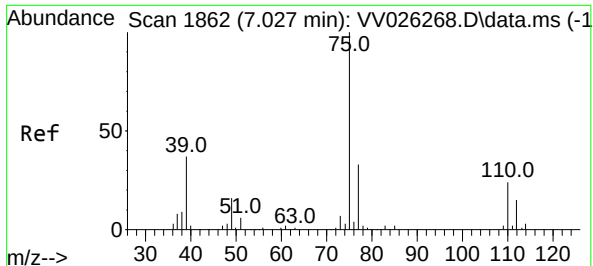
Ion Ratio Lower Upper

83 100

85 63.9 45.6 84.6

127 8.5 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 20.822 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VV026270.D

Acq: 15 Jun 2022 11:34

Instrument :

MSVOA_V

ClientSampleId :

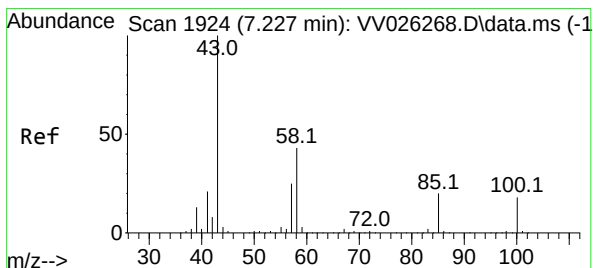
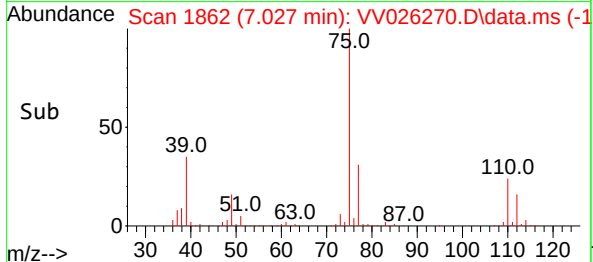
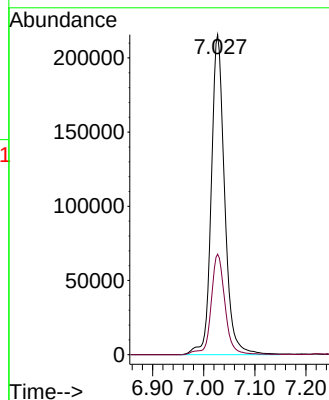
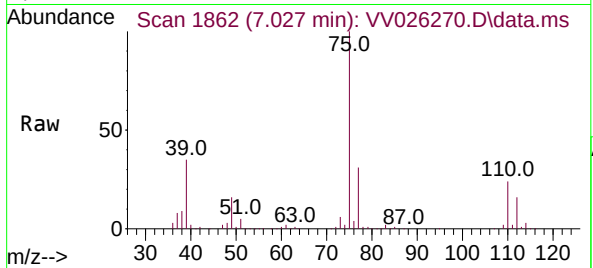
VSTD020271

Tgt Ion: 75 Resp: 392581

Ion Ratio Lower Upper

75 100

77 31.4 23.0 42.6



#40

4-Methyl-2-pentanone

Concen: 207.805 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV026270.D

Acq: 15 Jun 2022 11:34

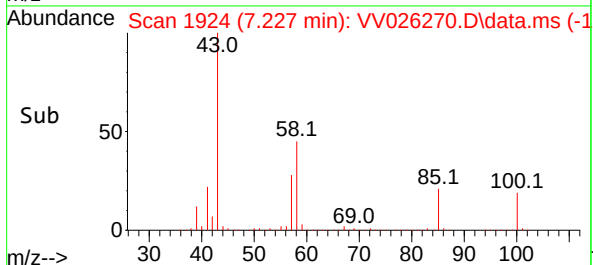
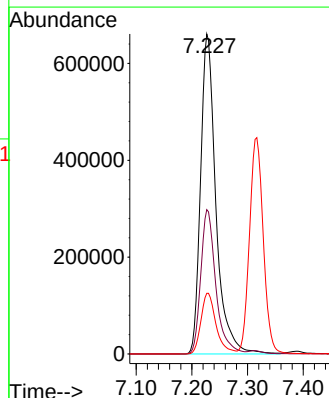
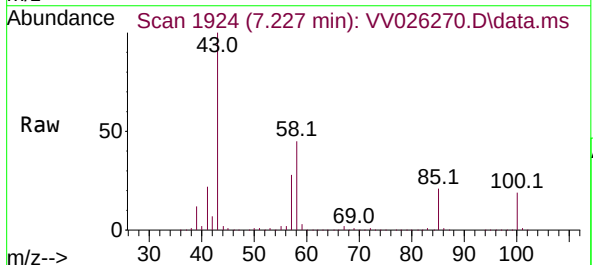
Tgt Ion: 43 Resp: 1264708

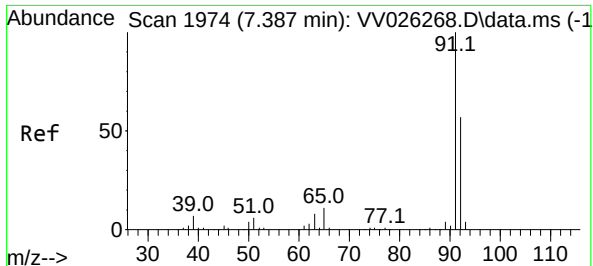
Ion Ratio Lower Upper

43 100

58 44.3 33.3 49.9

100 18.8 13.4 20.2

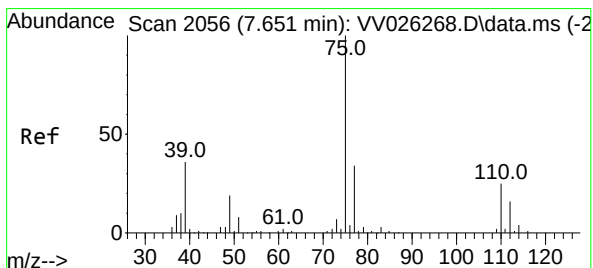
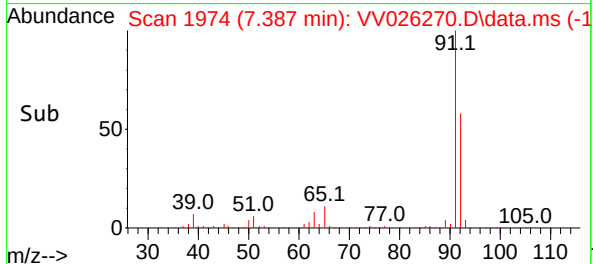
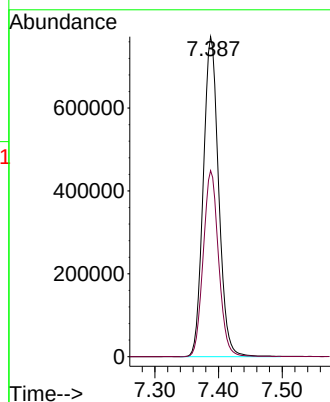
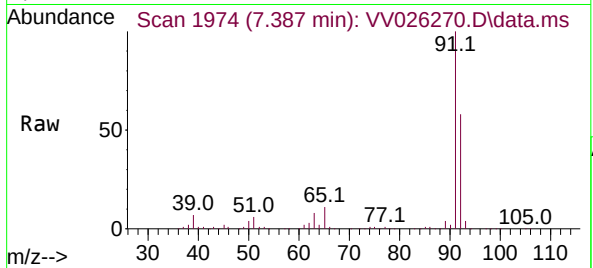




#42
Toluene
Concen: 19.020 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.000 min
Lab File: VV026270.D
Acq: 15 Jun 2022 11:34

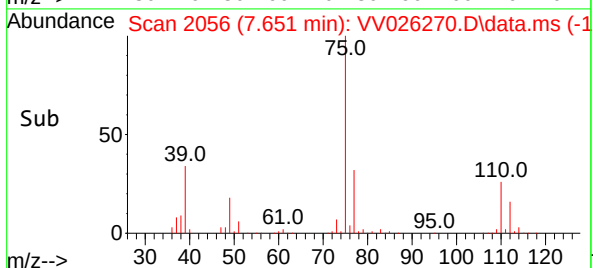
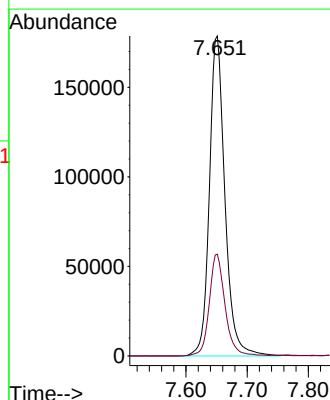
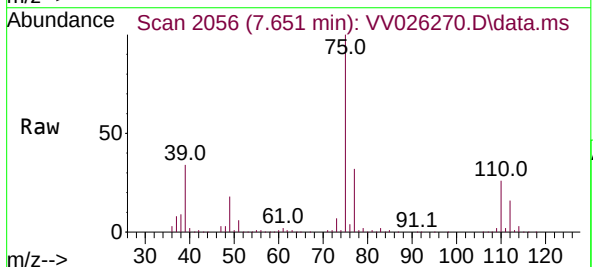
Instrument :
MSVOA_V
ClientSampleId :
VSTD020271

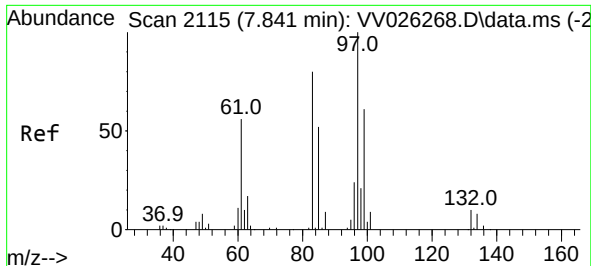
Tgt Ion: 91 Resp: 1295870
Ion Ratio Lower Upper
91 100
92 58.1 40.1 74.5



#44
trans-1,3-Dichloropropene
Concen: 21.325 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VV026270.D
Acq: 15 Jun 2022 11:34

Tgt Ion: 75 Resp: 315617
Ion Ratio Lower Upper
75 100
77 31.8 23.7 43.9





#45

1,1,2-Trichloroethane

Concen: 17.933 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. -0.003 min

Lab File: VV026270.D

Acq: 15 Jun 2022 11:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD020271

Tgt Ion: 97 Resp: 190759

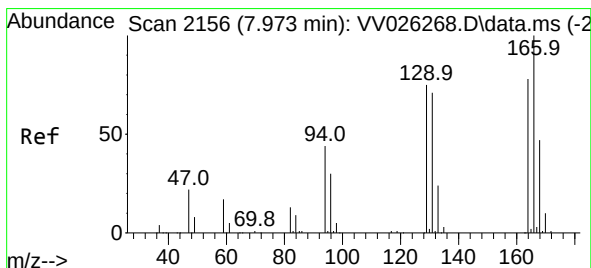
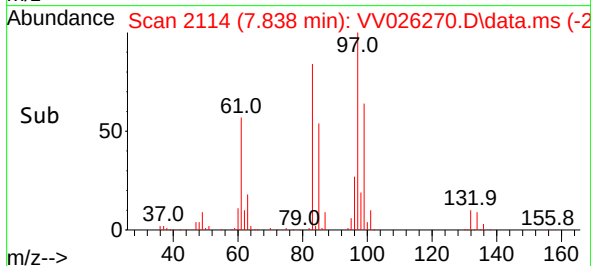
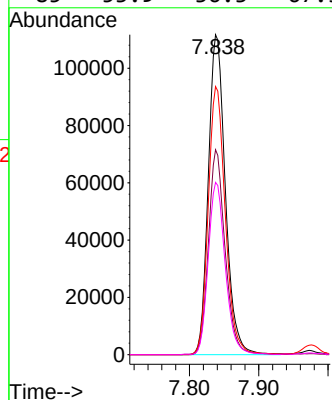
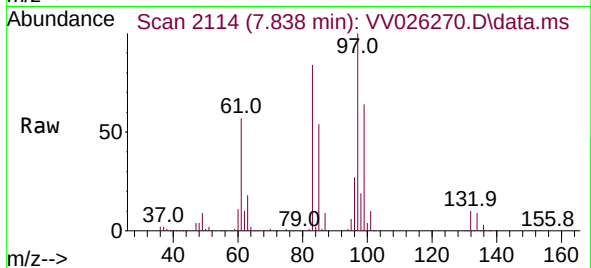
Ion Ratio Lower Upper

97 100

99 64.0 42.4 78.6

83 83.8 56.1 104.1

85 53.9 36.3 67.5



#47

Tetrachloroethene

Concen: 18.240 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV026270.D

Acq: 15 Jun 2022 11:34

Tgt Ion:164 Resp: 230660

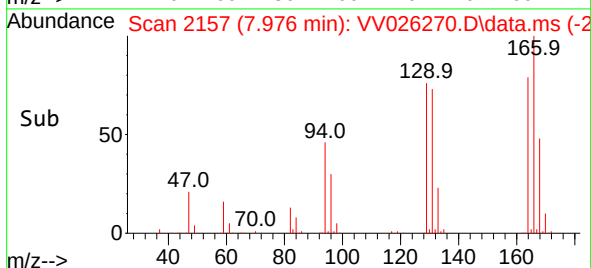
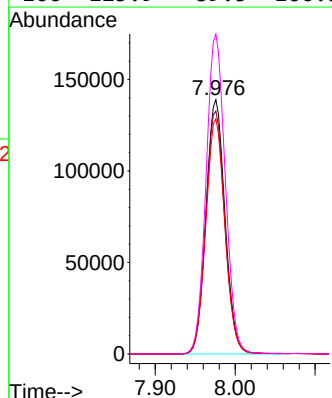
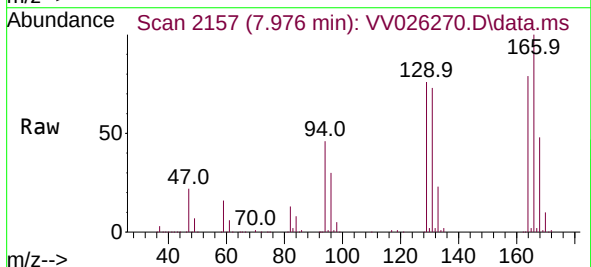
Ion Ratio Lower Upper

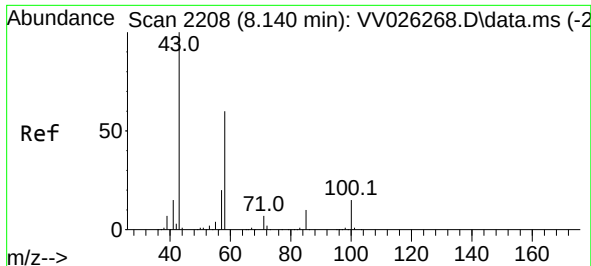
164 100

129 95.6 67.5 125.3

131 92.5 63.8 118.4

166 125.9 89.5 166.3

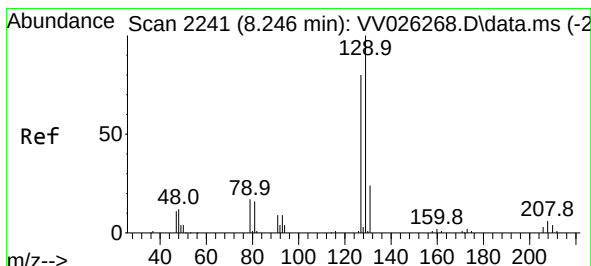
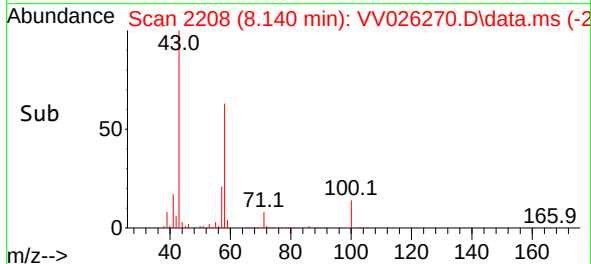
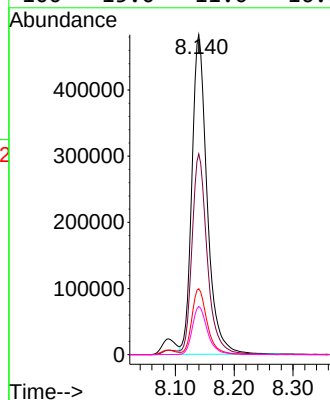
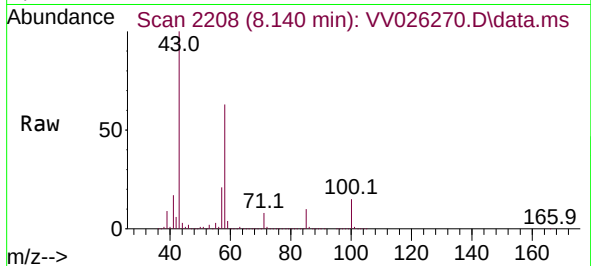




#48
2-Hexanone
Concen: 203.745 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV026270.D
Acq: 15 Jun 2022 11:34

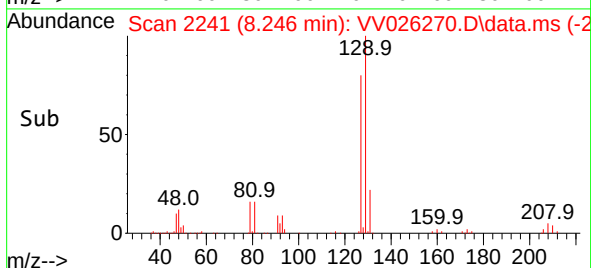
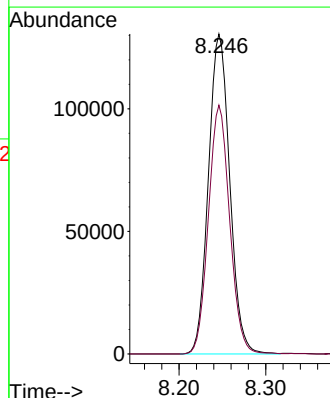
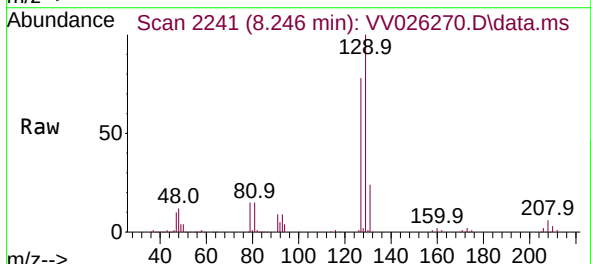
Instrument :
MSVOA_V
ClientSampleId :
VSTD020271

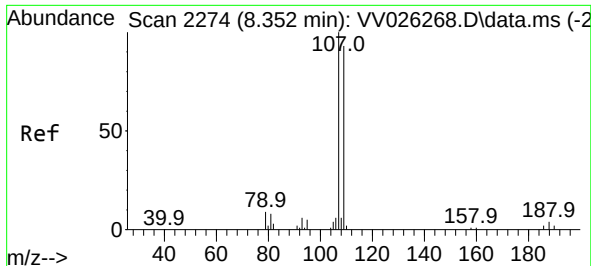
Tgt Ion: 43 Resp: 870649
Ion Ratio Lower Upper
43 100
58 62.9 48.7 73.1
57 21.0 16.0 24.0
100 15.0 11.0 16.6



#49
Dibromochloromethane
Concen: 19.232 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV026270.D
Acq: 15 Jun 2022 11:34

Tgt Ion: 129 Resp: 223699
Ion Ratio Lower Upper
129 100
127 77.8 56.4 104.7

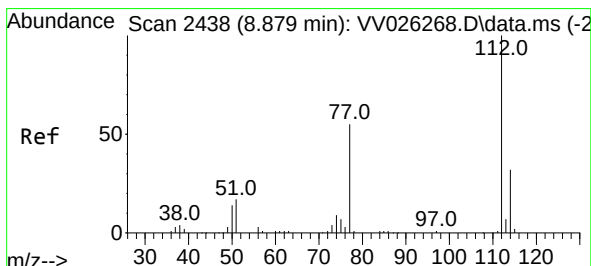
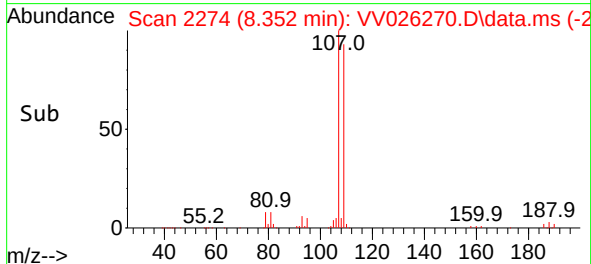
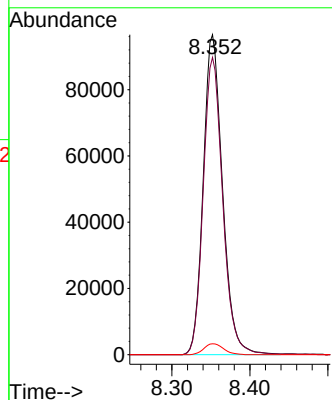
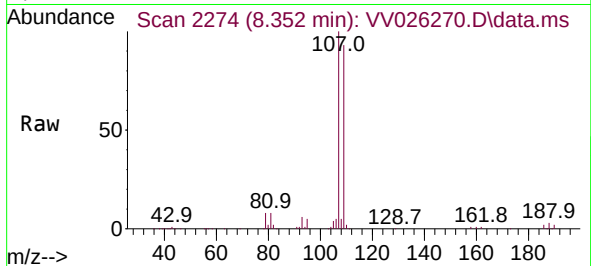




#50
1,2-Dibromoethane
Concen: 18.347 ug/L
RT: 8.352 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026270.D
Acq: 15 Jun 2022 11:34

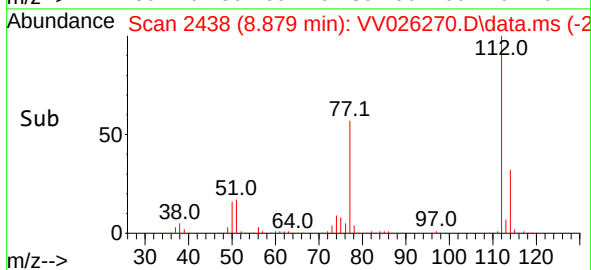
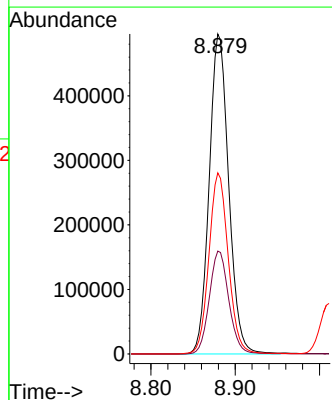
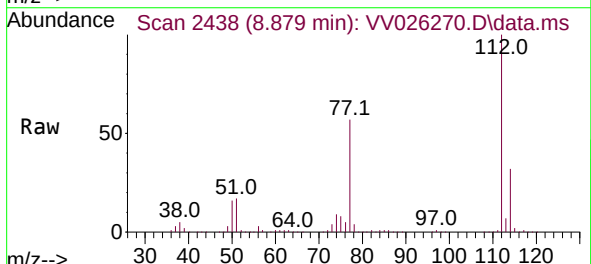
Instrument :
MSVOA_V
ClientSampleId :
VSTD020271

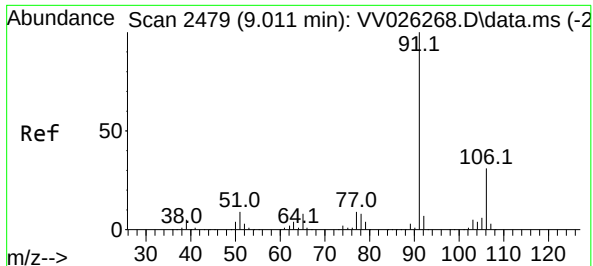
Tgt Ion:107 Resp: 166062
Ion Ratio Lower Upper
107 100
109 92.9 65.2 121.2
188 3.4 2.9 4.3



#51
Chlorobenzene
Concen: 18.134 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV026270.D
Acq: 15 Jun 2022 11:34

Tgt Ion:112 Resp: 796901
Ion Ratio Lower Upper
112 100
114 32.1 22.7 42.3
77 56.6 44.5 66.7

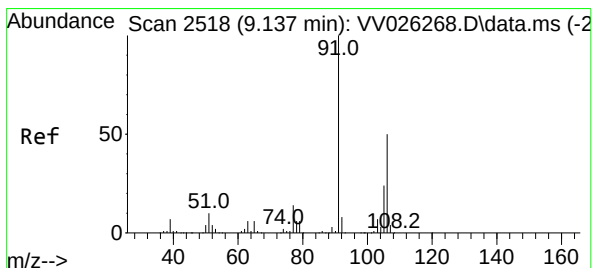
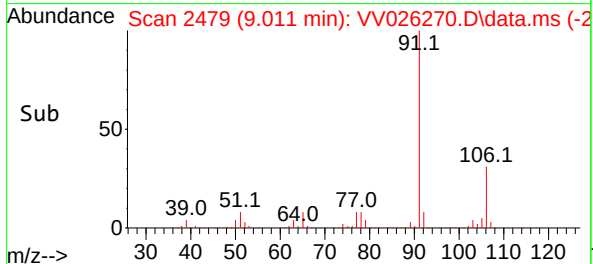
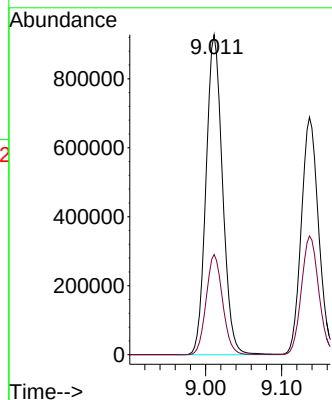
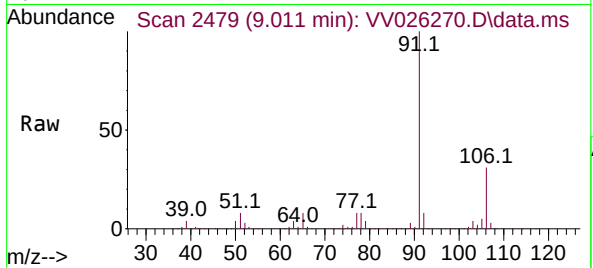




#52
Ethylbenzene
Concen: 20.558 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV026270.D
Acq: 15 Jun 2022 11:34

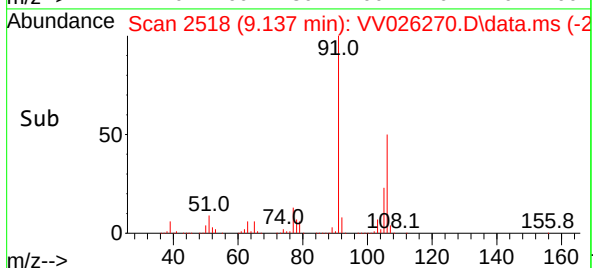
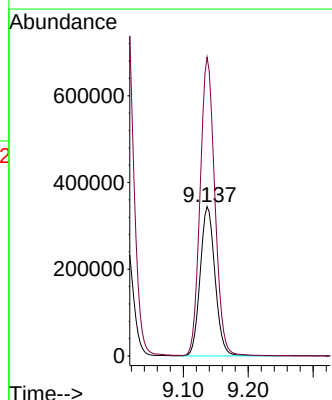
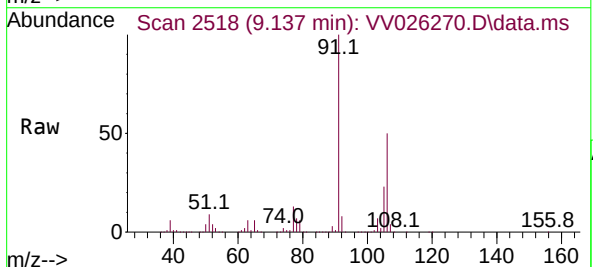
Instrument :
MSVOA_V
ClientSampleId :
VSTD020271

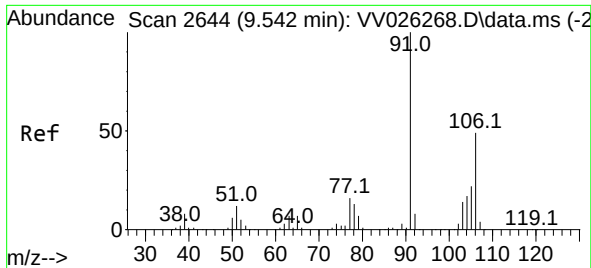
Tgt Ion: 91 Resp: 1396801
Ion Ratio Lower Upper
91 100
106 31.3 21.6 40.0



#53
m,p-Xylene
Concen: 21.020 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV026270.D
Acq: 15 Jun 2022 11:34

Tgt Ion: 106 Resp: 548347
Ion Ratio Lower Upper
106 100
91 200.0 141.3 262.3

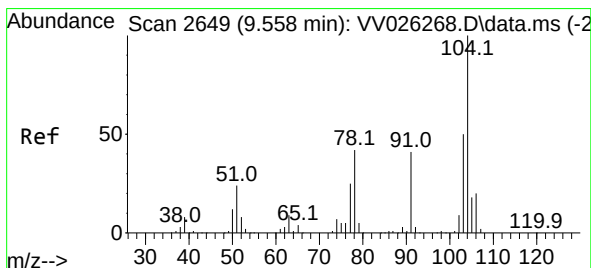
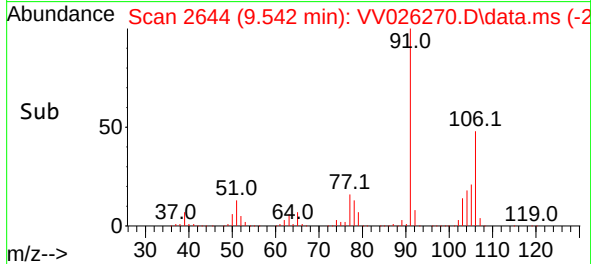
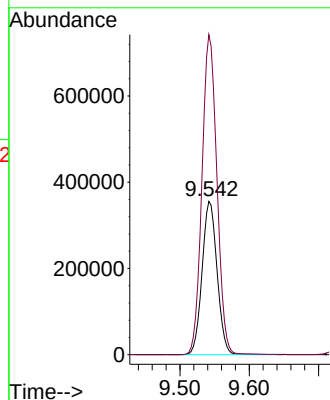
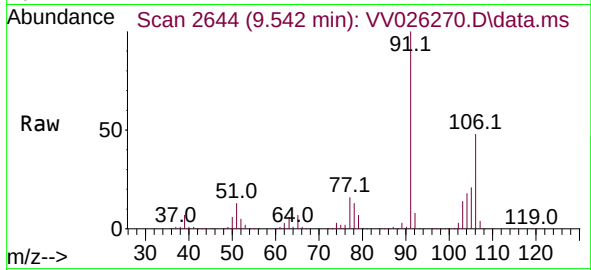




#54
o-Xylene
Concen: 21.019 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV026270.D
Acq: 15 Jun 2022 11:34

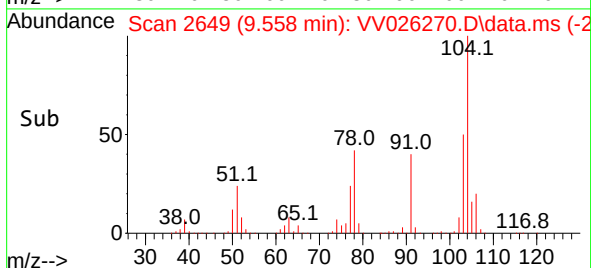
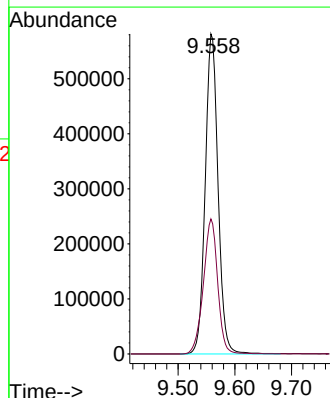
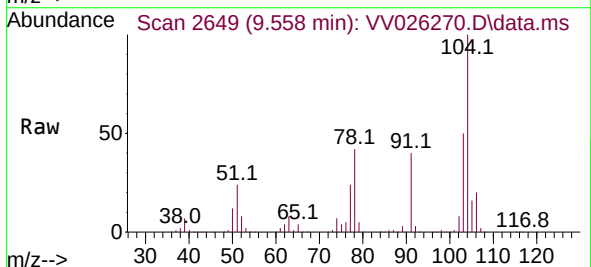
Instrument :
MSVOA_V
ClientSampleId :
VSTD020271

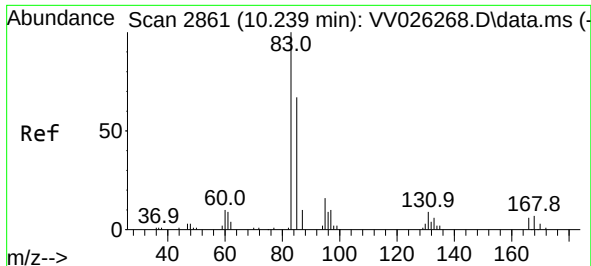
Tgt Ion:106 Resp: 533051
Ion Ratio Lower Upper
106 100
91 208.7 143.3 266.1



#55
Styrene
Concen: 21.934 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV026270.D
Acq: 15 Jun 2022 11:34

Tgt Ion:104 Resp: 915841
Ion Ratio Lower Upper
104 100
78 42.2 29.5 54.7

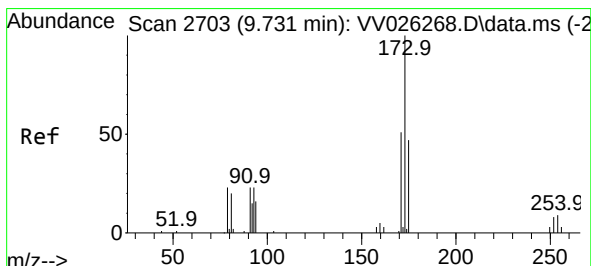
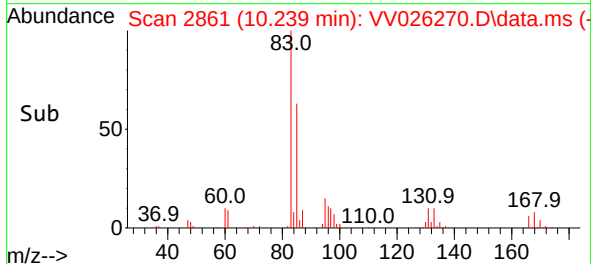
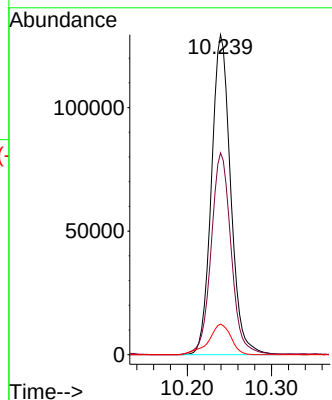
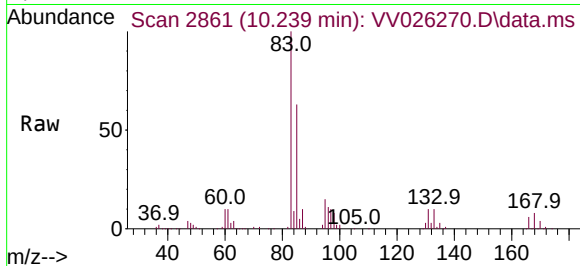




#57
 1,1,2,2-Tetrachloroethane
 Concen: 19.133 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV026270.D
 Acq: 15 Jun 2022 11:34

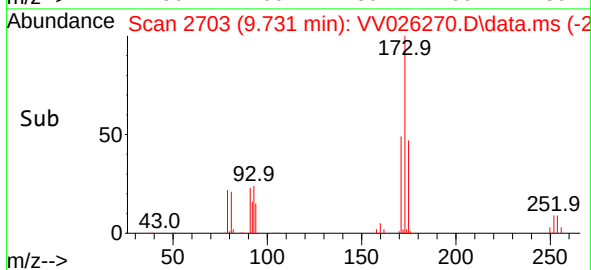
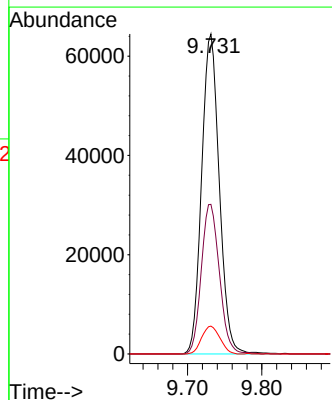
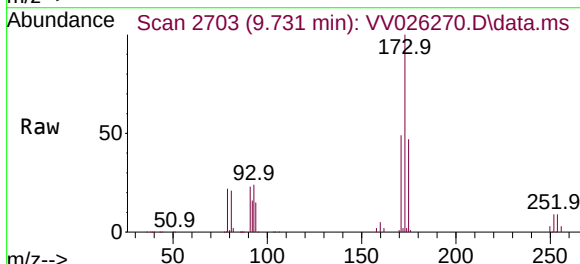
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020271

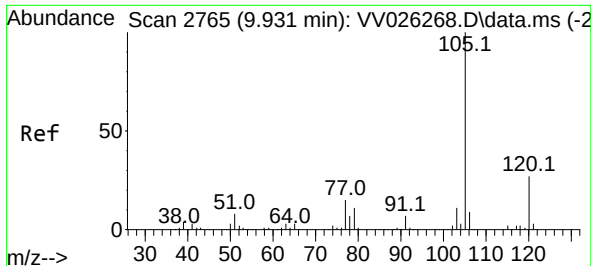
Tgt Ion: 83 Resp: 205192
 Ion Ratio Lower Upper
 83 100
 85 63.0 47.1 87.5
 131 9.5 7.7 11.5



#59
 Bromoform
 Concen: 18.997 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.000 min
 Lab File: VV026270.D
 Acq: 15 Jun 2022 11:34

Tgt Ion: 173 Resp: 106407
 Ion Ratio Lower Upper
 173 100
 175 47.9 38.3 57.5
 254 9.0 6.9 10.3

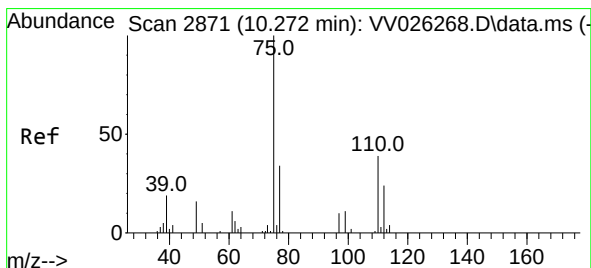
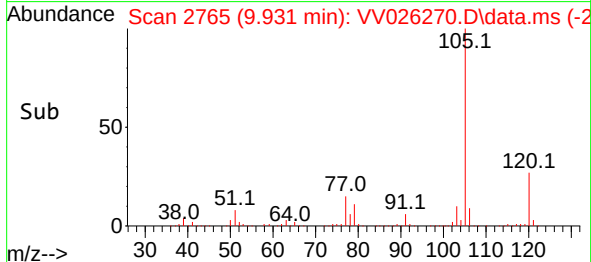
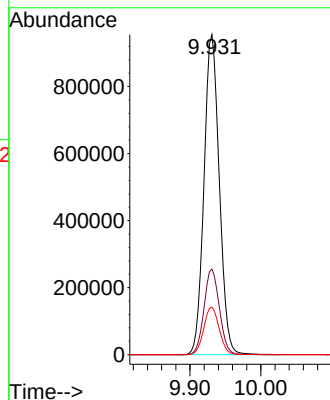
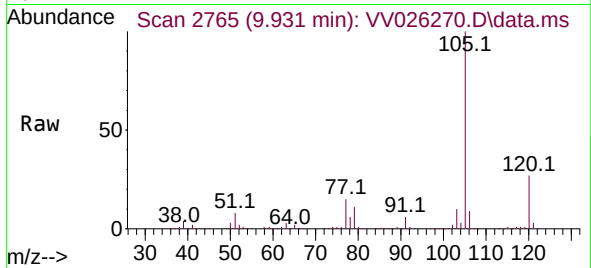




#60
Isopropylbenzene
Concen: 19.130 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026270.D
Acq: 15 Jun 2022 11:34

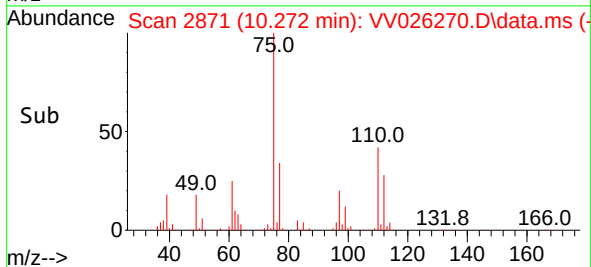
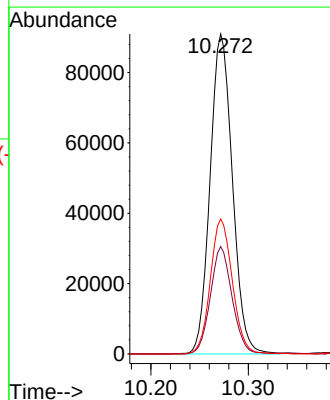
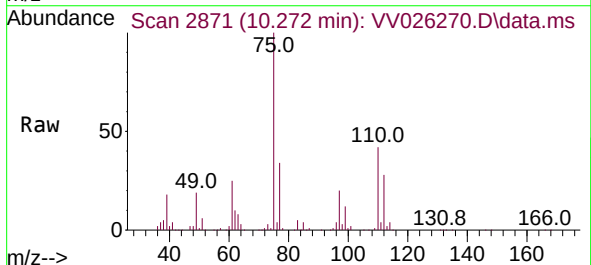
Instrument :
MSVOA_V
ClientSampleId :
VSTD020271

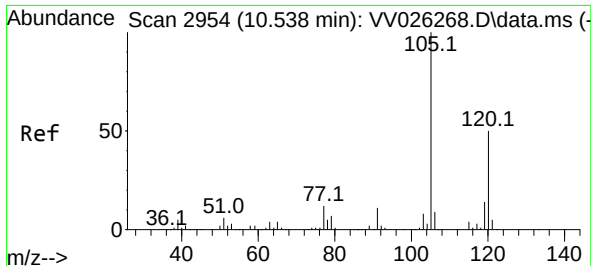
Tgt Ion:105 Resp: 1431116
Ion Ratio Lower Upper
105 100
120 26.9 21.5 32.3
77 15.0 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 16.386 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV026270.D
Acq: 15 Jun 2022 11:34

Tgt Ion: 75 Resp: 144909
Ion Ratio Lower Upper
75 100
77 32.7 26.9 40.3
110 41.7 30.7 46.1





#62

1,3,5-Trimethylbenzene

Concen: 20.256 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV026270.D

Acq: 15 Jun 2022 11:34

Instrument :

MSVOA_V

ClientSampleId :

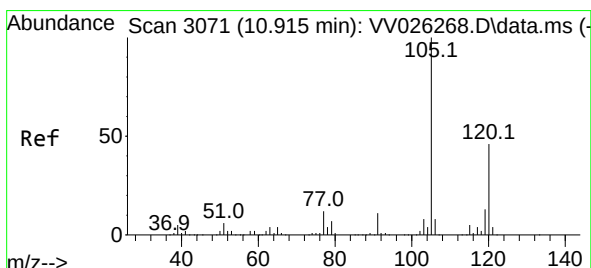
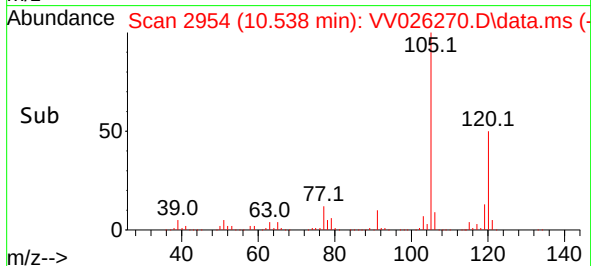
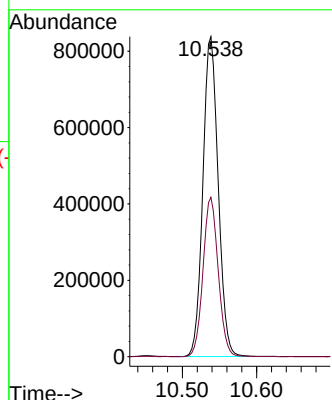
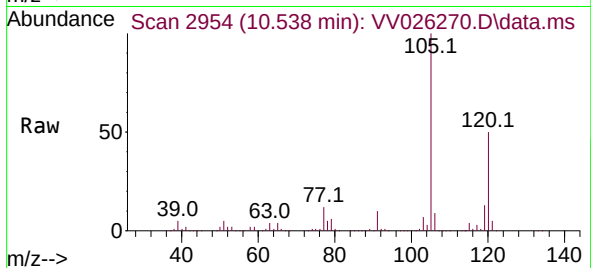
VSTD020271

Tgt Ion:105 Resp: 1200008

Ion Ratio Lower Upper

105 100

120 49.5 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 20.784 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV026270.D

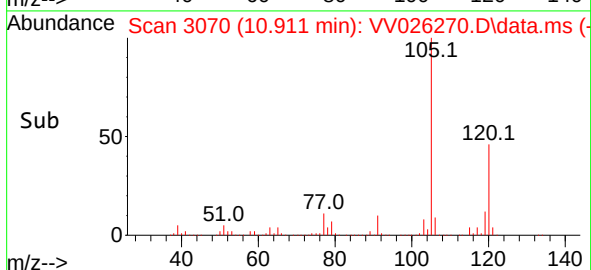
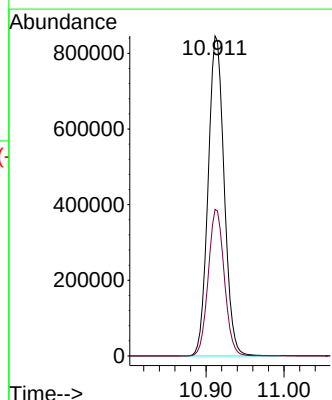
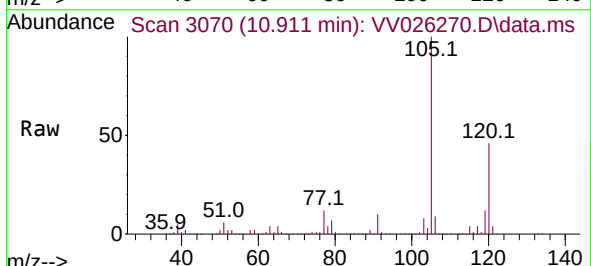
Acq: 15 Jun 2022 11:34

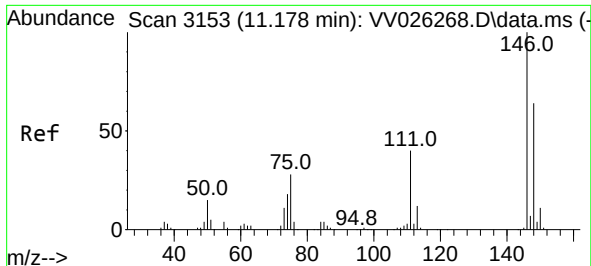
Tgt Ion:105 Resp: 1209385

Ion Ratio Lower Upper

105 100

120 46.0 36.9 55.3

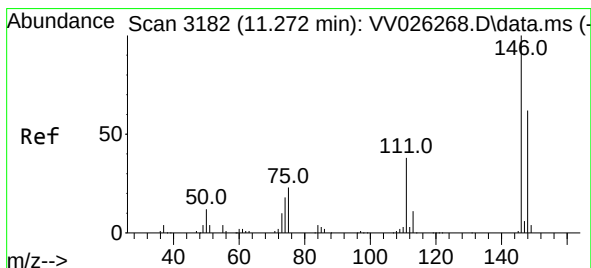
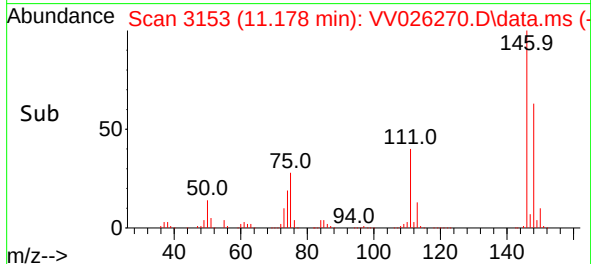
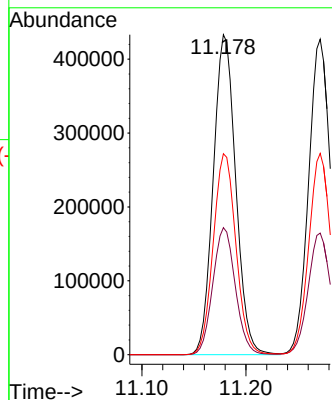
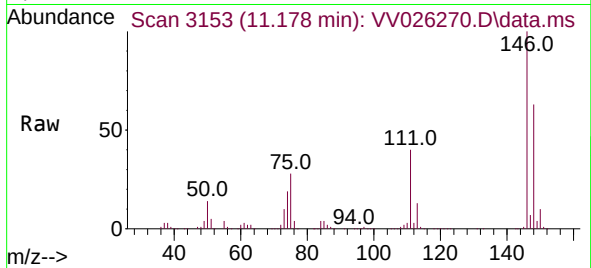




#64
1,3-Dichlorobenzene
Concen: 18.179 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV026270.D
Acq: 15 Jun 2022 11:34

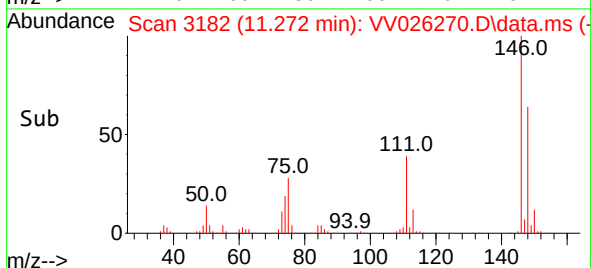
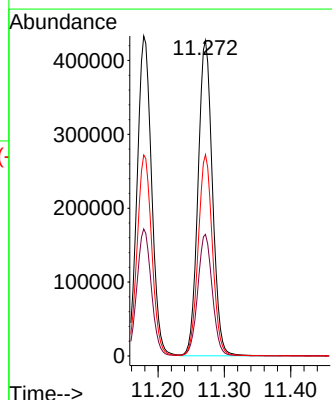
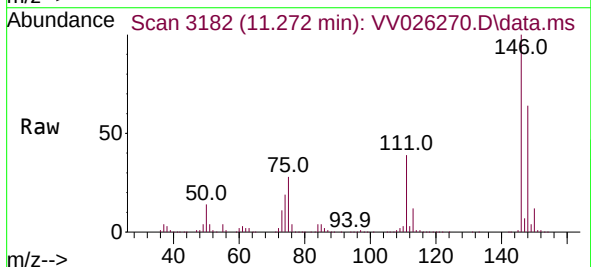
Instrument :
MSVOA_V
ClientSampleId :
VSTD020271

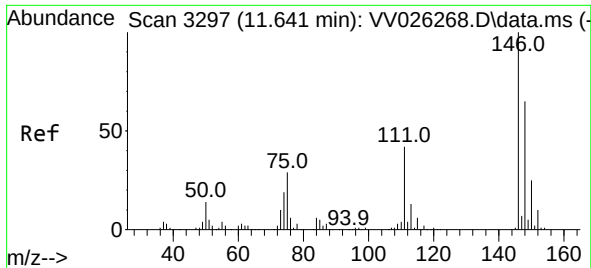
Tgt Ion:146 Resp: 652369
Ion Ratio Lower Upper
146 100
111 39.7 27.8 51.6
148 62.8 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 18.021 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026270.D
Acq: 15 Jun 2022 11:34

Tgt Ion:146 Resp: 645056
Ion Ratio Lower Upper
146 100
111 38.6 26.7 49.7
148 63.8 43.3 80.3

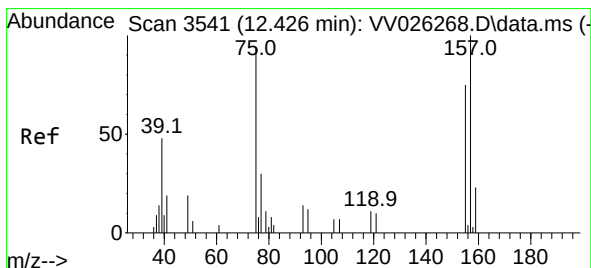
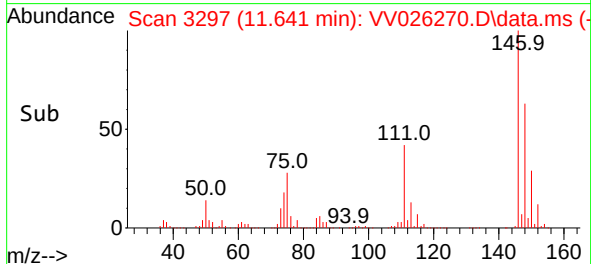
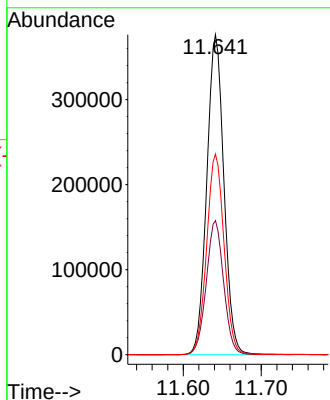
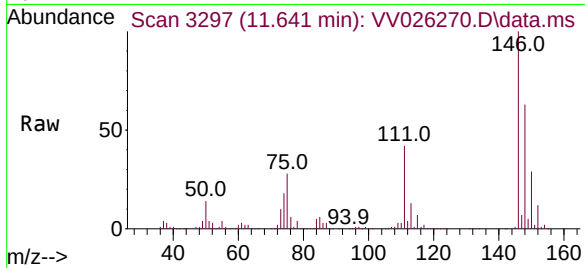




#67
1,2-Dichlorobenzene
Concen: 17.890 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV026270.D
Acq: 15 Jun 2022 11:34

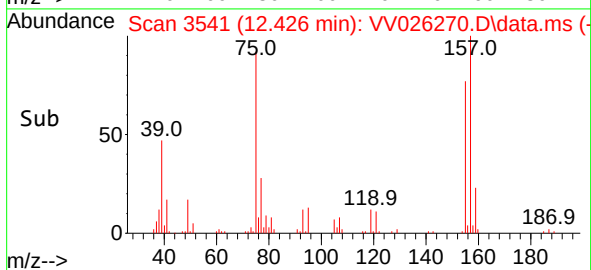
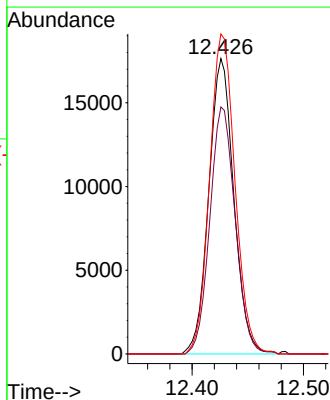
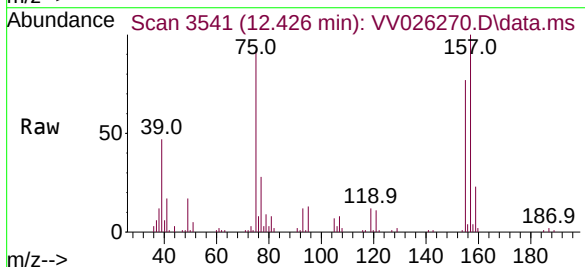
Instrument :
MSVOA_V
ClientSampleId :
VSTD020271

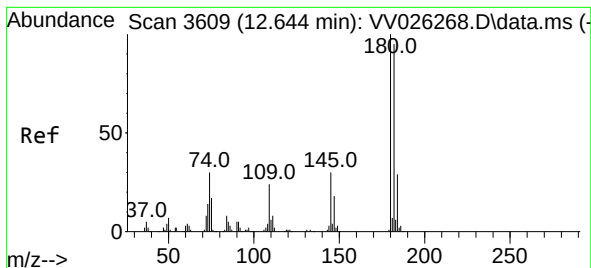
Tgt Ion:146 Resp: 573876
Ion Ratio Lower Upper
146 100
111 41.9 33.8 50.8
148 62.7 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 17.931 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV026270.D
Acq: 15 Jun 2022 11:34

Tgt Ion: 75 Resp: 27584
Ion Ratio Lower Upper
75 100
155 83.6 63.7 95.5
157 108.3 85.0 127.6





#69

1,3,5-Trichlorobenzene

Concen: 18.616 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

Lab File: VV026270.D

Acq: 15 Jun 2022 11:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD020271

Tgt Ion:180 Resp: 475021

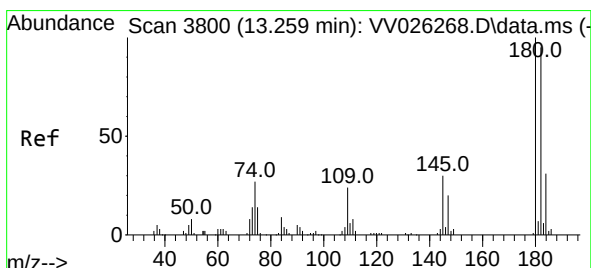
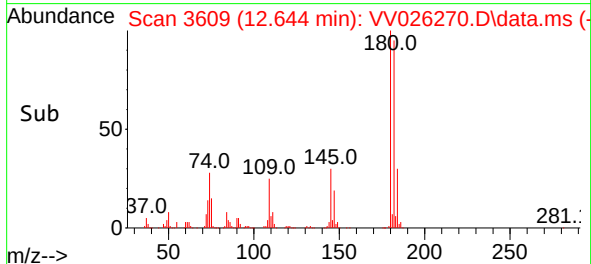
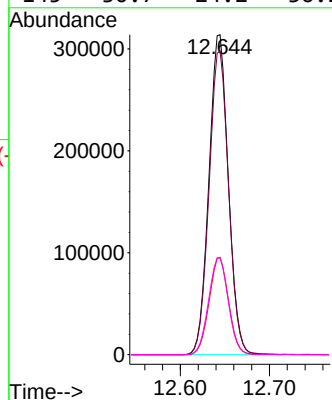
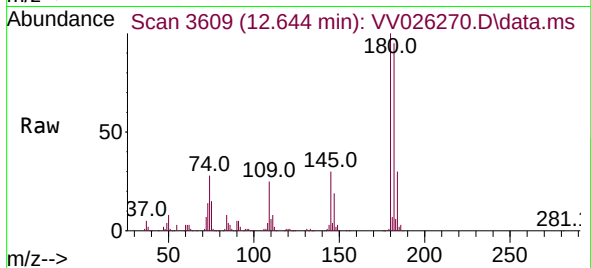
Ion Ratio Lower Upper

180 100

182 95.4 75.5 113.3

184 30.4 23.7 35.5

145 30.7 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 19.898 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV026270.D

Acq: 15 Jun 2022 11:34

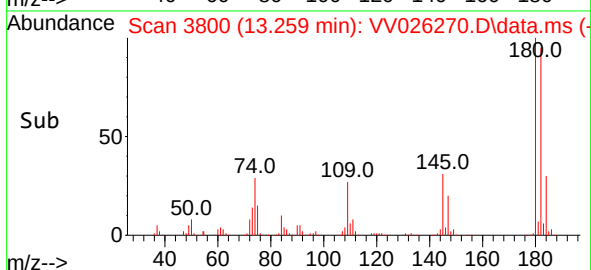
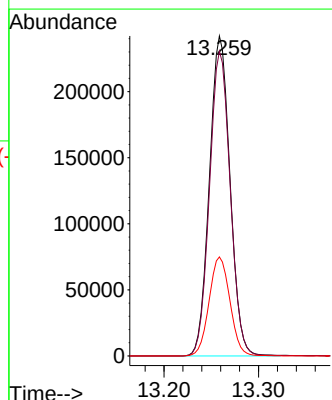
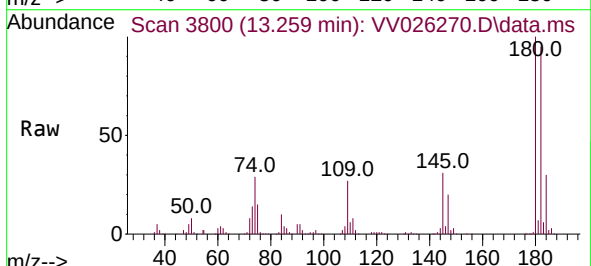
Tgt Ion:180 Resp: 367005

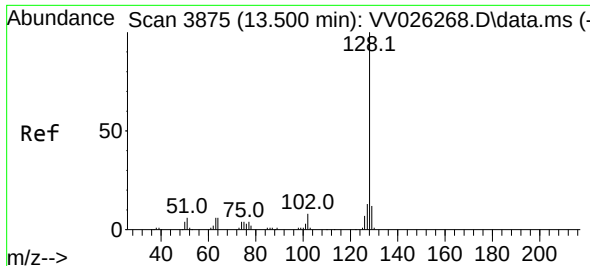
Ion Ratio Lower Upper

180 100

182 95.6 76.2 114.2

145 31.3 23.9 35.9

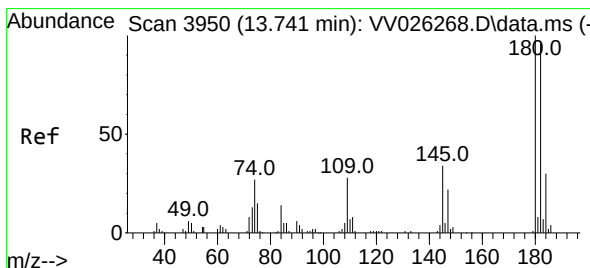
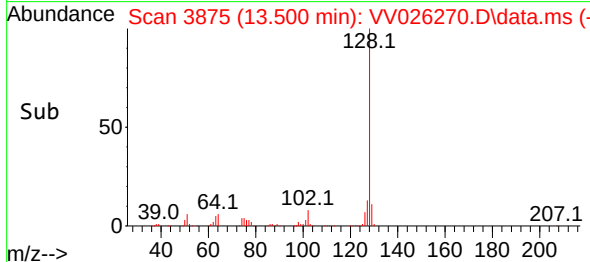
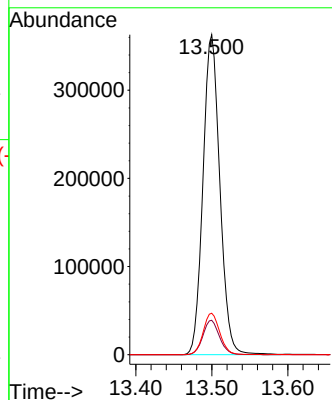
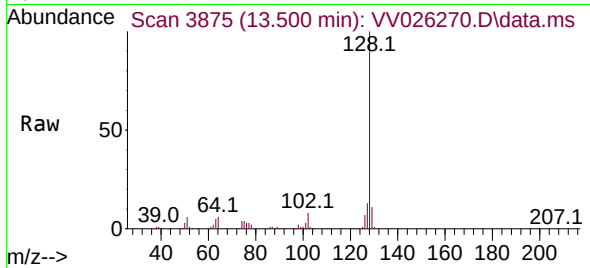




#71
Naphthalene
Concen: 21.774 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV026270.D
Acq: 15 Jun 2022 11:34

Instrument :
MSVOA_V
ClientSampleId :
VSTD020271

Tgt Ion:128 Resp: 560379
Ion Ratio Lower Upper
128 100
129 10.5 8.7 13.1
127 12.7 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 20.548 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV026270.D
Acq: 15 Jun 2022 11:34

Tgt Ion:180 Resp: 313035
Ion Ratio Lower Upper
180 100
182 95.4 77.9 116.9
145 32.4 26.7 40.1

