

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092022\
 Data File : VW027960.D
 Acq On : 20 Sep 2022 13:43
 Operator : SY/MD
 Sample : VSTD10061
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100261

Quant Time: Sep 21 01:30:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 01:28:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	373612	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	377029	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	214498	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	349838	130.332	ug/L	0.00
7) Chloroethane-d5	1.555	69	272220	137.212	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	610698	124.992	ug/L	0.00
21) 2-Butanone-d5	3.863	46	394483	180.421	ug/L	0.00
24) Chloroform-d	4.339	84	559840	106.094	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	361572	109.499	ug/L	0.00
32) Benzene-d6	5.040	84	1115551	117.736	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	359074	109.995	ug/L	0.00
41) Toluene-d8	7.310	98	1090250	134.986	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	190125	130.712	ug/L	0.00
47) 2-Hexanone-d5	8.082	63	388463	248.430	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.210	84	538757	103.329	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	432238	114.123	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	269511	84.224	ug/L	100
3) Chloromethane	1.236	50	321821	87.953	ug/L	100
5) Vinyl chloride	1.307	62	329592	89.642	ug/L	98
6) Bromomethane	1.506	94	214764	116.728	ug/L	99
8) Chloroethane	1.574	64	207708	100.404	ug/L	99
9) Trichlorofluoromethane	1.744	101	483608	99.560	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	263458	98.374	ug/L	98
12) 1,1-Dichloroethene	2.111	96	265279	102.226	ug/L	92
13) Acetone	2.153	43	310777	182.283	ug/L	100
14) Carbon disulfide	2.285	76	706924	83.769	ug/L	100
15) Methyl Acetate	2.420	43	305924	81.165	ug/L	99
16) Methylene chloride	2.497	84	290893	86.971	ug/L	98
17) trans-1,2-Dichloroethene	2.751	96	256373	91.941	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	831749	99.570	ug/L	99
19) 1,1-Dichloroethane	3.182	63	483543	87.139	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	290464	99.561	ug/L	98
22) 2-Butanone	3.947	43	427774	188.657	ug/L	95
23) Bromochloromethane	4.236	128	151401	92.836	ug/L	96
25) Chloroform	4.365	83	512436	90.206	ug/L	99
27) 1,2-Dichloroethane	5.120	62	395265	88.935	ug/L	100
29) Cyclohexane	4.670	56	406651	94.160	ug/L	96
30) 1,1,1-Trichloroethane	4.600	97	446969	90.508	ug/L	99
31) Carbon tetrachloride	4.821	117	391276	90.876	ug/L	98
33) Benzene	5.092	78	1085847	91.269	ug/L	100
34) Trichloroethene	5.908	95	271157	89.721	ug/L	98
35) Methylcyclohexane	6.124	83	467518	104.073	ug/L	98
37) 1,2-Dichloropropane	6.165	63	309078	93.678	ug/L	100
38) Bromodichloromethane	6.503	83	408262	93.529	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	486758	109.484	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	961874	207.829	ug/L	100
42) Toluene	7.384	91	1233937	102.803	ug/L	99
44) trans-1,3-Dichloropropene	7.644	75	470915	107.205	ug/L	98

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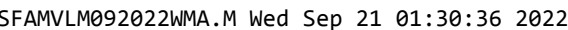
Instrument :
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 VSTD100261

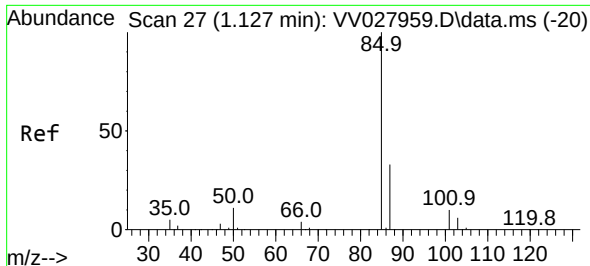
Quant Time: Sep 21 01:30:28 2022
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.834	97	297641	93.126	ug/L	98
46) Tetrachloroethene	7.972	164	222626	98.666	ug/L	98
48) 2-Hexanone	8.133	43	754854	202.977	ug/L	99
49) Dibromochloromethane	8.243	129	327766	96.584	ug/L	97
50) 1,2-Dibromoethane	8.349	107	306069	93.622	ug/L	99
51) Chlorobenzene	8.876	112	782705	96.330	ug/L	98
52) Ethylbenzene	9.008	91	1347087	107.025	ug/L	99
53) m,p-Xylene	9.136	106	518368	108.831	ug/L	96
54) o-Xylene	9.541	106	508503	109.509	ug/L	99
55) Styrene	9.558	104	915337	112.709	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	514752	95.625	ug/L	99
59) Bromoform	9.728	173	249727	98.605	ug/L	99
60) Isopropylbenzene	9.927	105	1352409	101.777	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	409463	85.795	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	1180168	107.150	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	1178384	108.720	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	643477	99.138	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	649702	95.452	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	652959	97.041	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	127926	94.611	ug/L	99
69) 1,3,5-Trichlorobenzene	12.641	180	509964	113.327	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	461137	120.988	ug/L	99
71) Naphthalene	13.496	128	1600997	124.356	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	480592	116.812	ug/L	99

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

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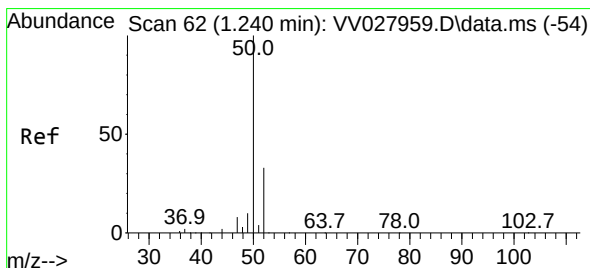
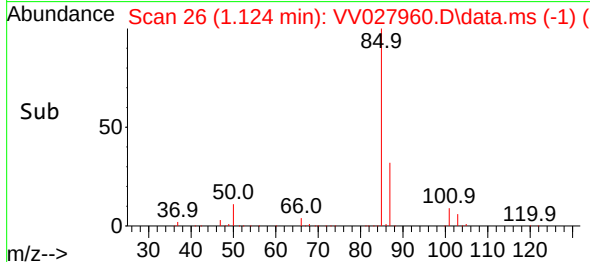
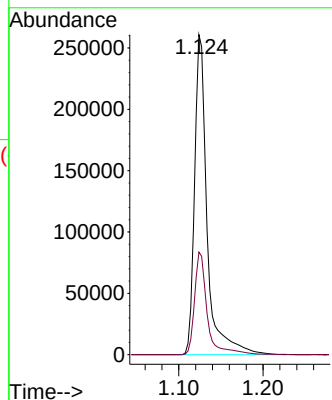
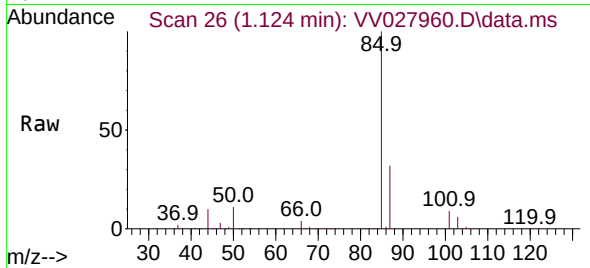




#2
 Dichlorodifluoromethane
 Concen: 84.224 ug/L
 RT: 1.124 min Scan# 2
 Delta R.T. -0.003 min
 Lab File: VV027960.D
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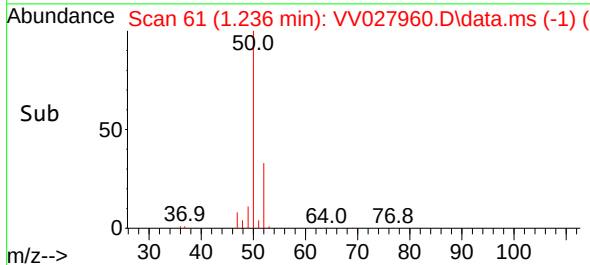
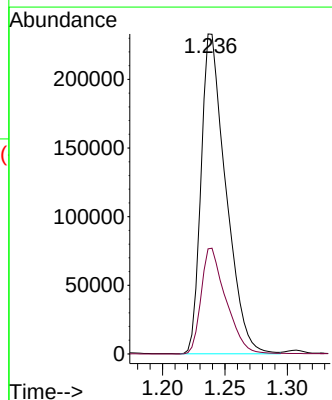
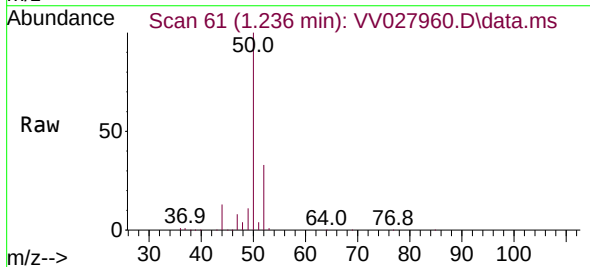
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 ClientSampleId :
 VSTD100261

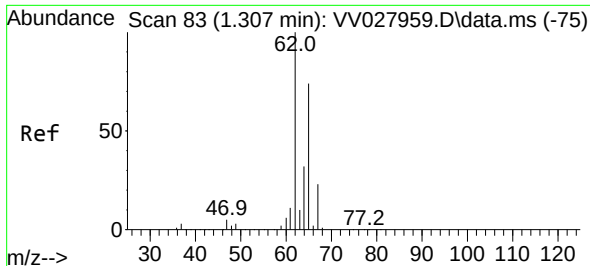
Tgt Ion: 85 Resp: 269511
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.8 38.8



#3
 Chloromethane
 Concen: 87.953 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV027960.D
 Acq: 20 Sep 2022 13:43

Tgt Ion: 50 Resp: 321821
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.2 43.0

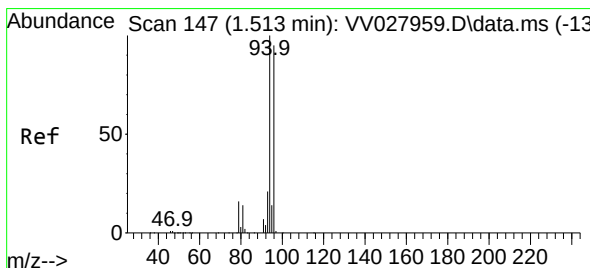
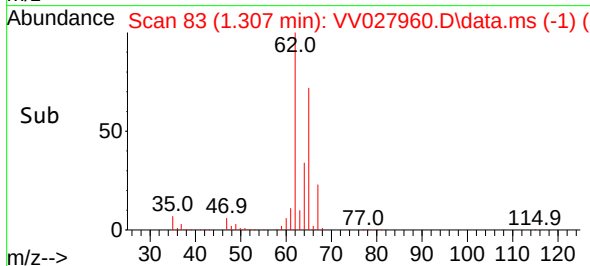
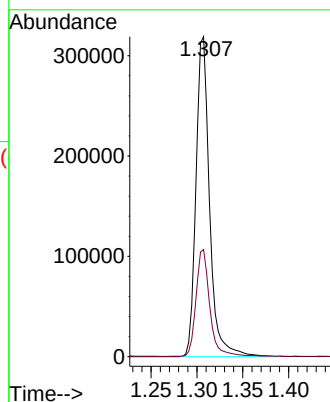
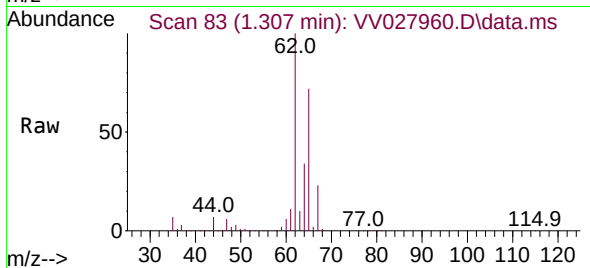




#5
 Vinyl chloride
 Concen: 89.642 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV027960.D
 Acq: 20 Sep 2022 13:43

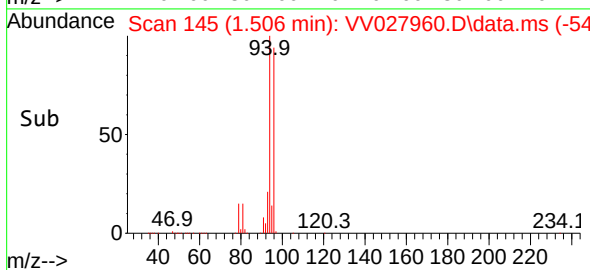
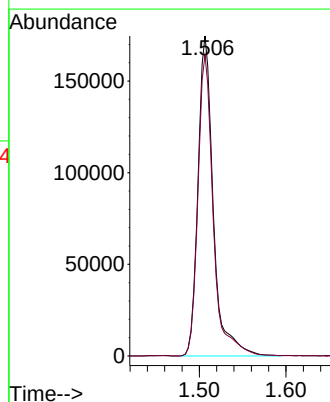
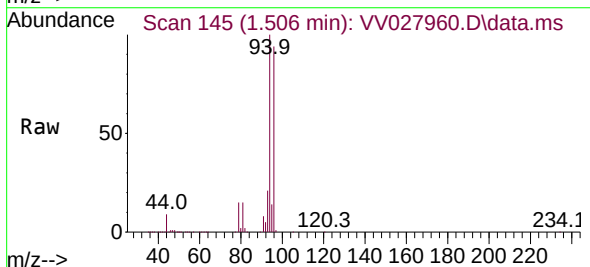
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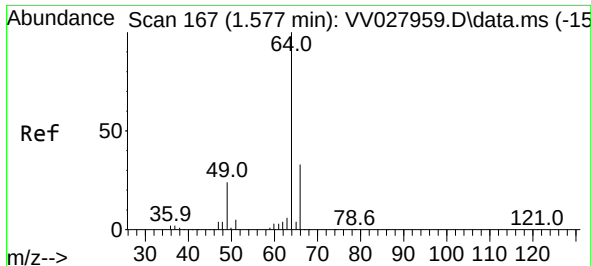
Tgt Ion: 62 Resp: 329592
 Ion Ratio Lower Upper
 62 100
 64 33.5 22.7 42.3



#6
 Bromomethane
 Concen: 116.728 ug/L
 RT: 1.506 min Scan# 145
 Delta R.T. -0.007 min
 Lab File: VV027960.D
 Acq: 20 Sep 2022 13:43

Tgt Ion: 94 Resp: 214764
 Ion Ratio Lower Upper
 94 100
 96 94.1 66.4 123.2

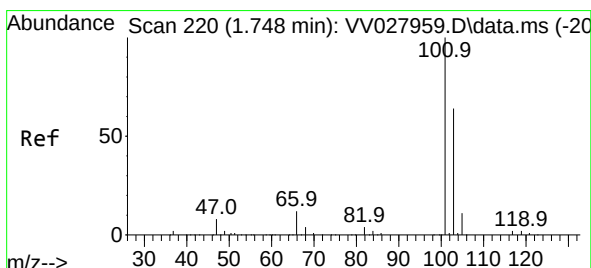
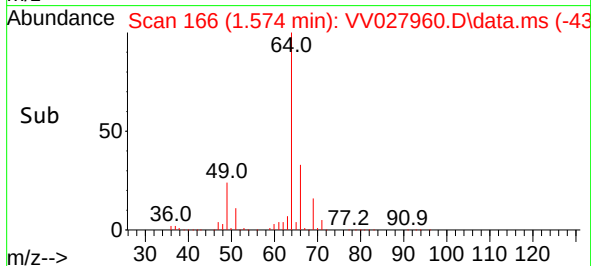
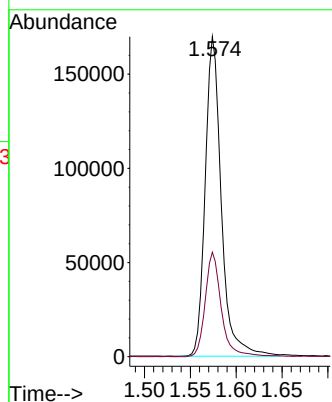
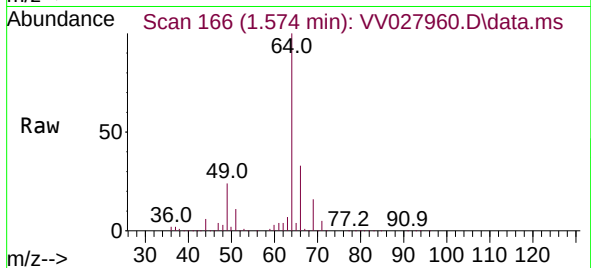




#8
Chloroethane
Concen: 100.404 ug/L
RT: 1.574 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV027960.D
Acq: 20 Sep 2022 13:43

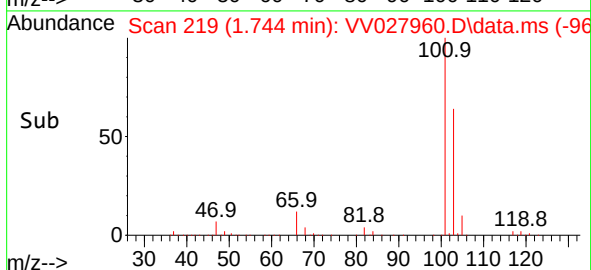
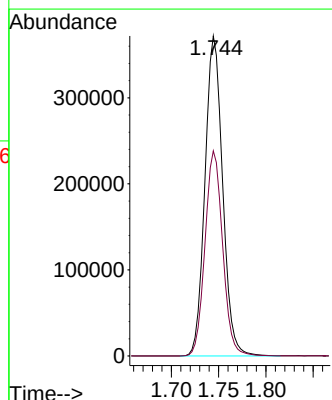
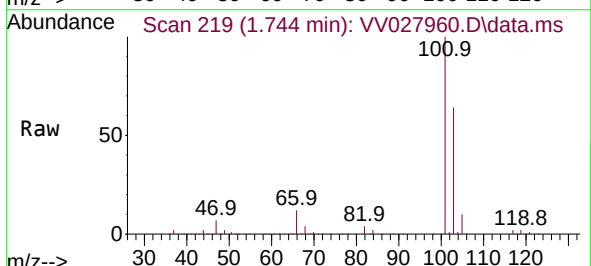
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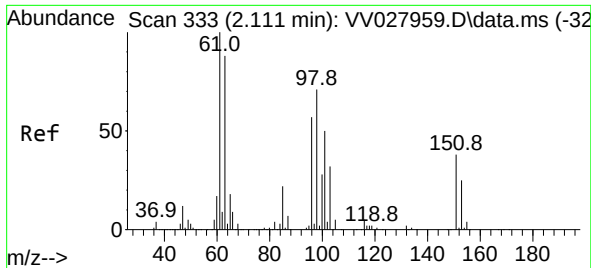
Tgt Ion: 64 Resp: 207708
Ion Ratio Lower Upper
64 100
66 32.6 23.2 43.2



#9
Trichlorofluoromethane
Concen: 99.560 ug/L
RT: 1.744 min Scan# 219
Delta R.T. -0.003 min
Lab File: VV027960.D
Acq: 20 Sep 2022 13:43

Tgt Ion:101 Resp: 483608
Ion Ratio Lower Upper
101 100
103 64.0 51.3 76.9

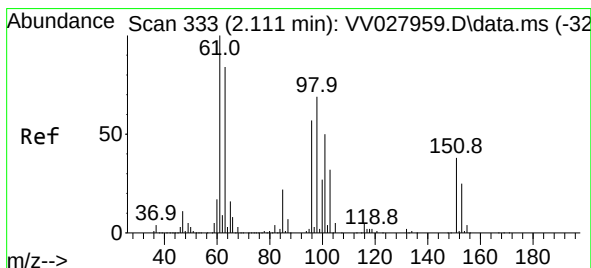
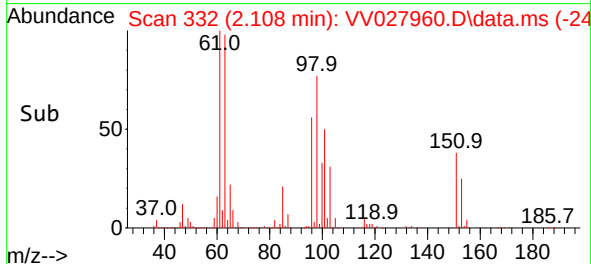
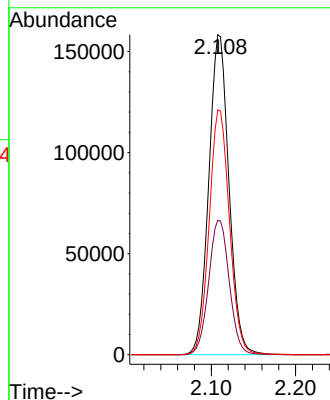
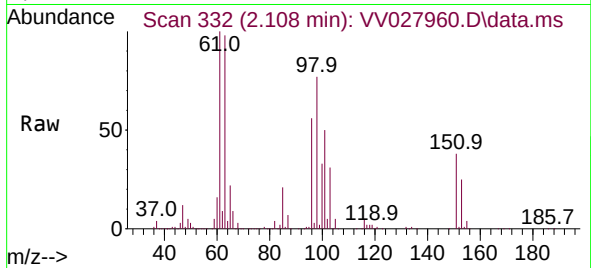




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 98.374 ug/L
RT: 2.108 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV027960.D
Acq: 20 Sep 2022 13:43

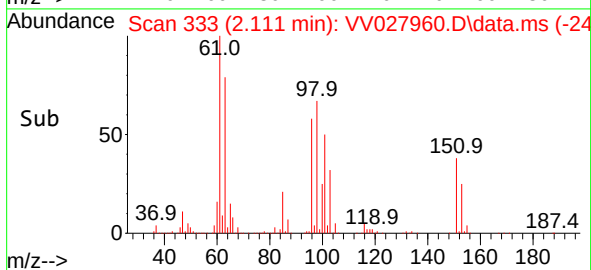
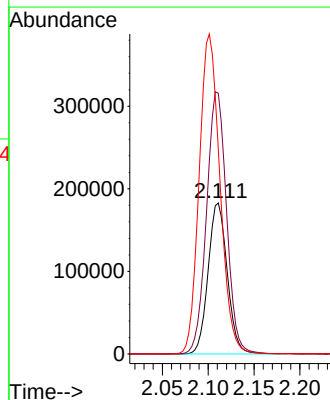
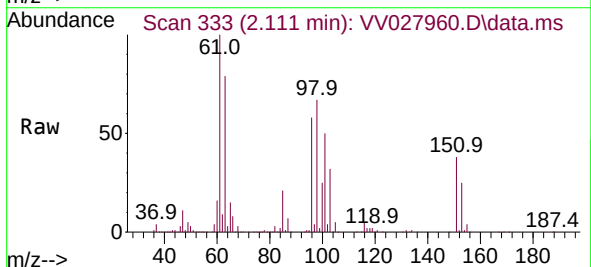
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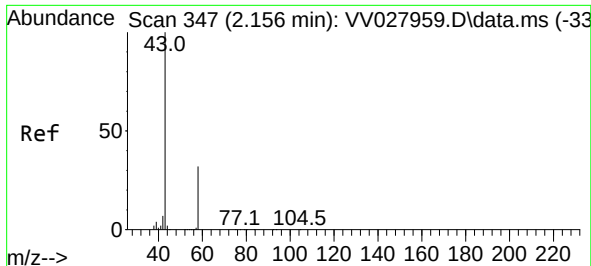
Tgt Ion:101 Resp: 263458
Ion Ratio Lower Upper
101 100
85 42.9 35.6 53.4
151 76.9 62.2 93.4



#12
1,1-Dichloroethene
Concen: 102.226 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.000 min
Lab File: VV027960.D
Acq: 20 Sep 2022 13:43

Tgt Ion: 96 Resp: 265279
Ion Ratio Lower Upper
96 100
61 172.7 123.7 229.7
63 136.1 108.6 201.6





#13

Acetone

Concen: 182.283 ug/L

RT: 2.153 min Scan# 34

Delta R.T. -0.003 min

Lab File: VV027960.D

Acq: 20 Sep 2022 13:43

Instrument :

MSVOA_V

ClientSampleId :

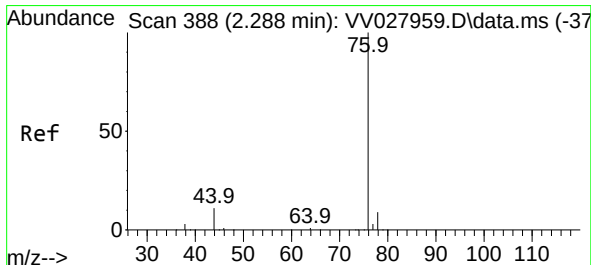
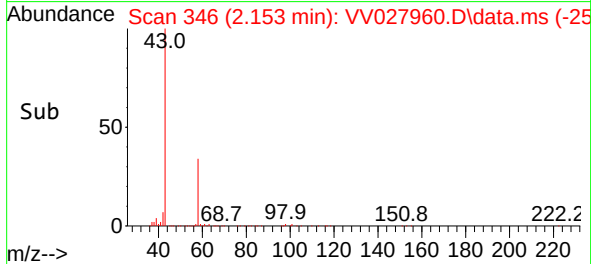
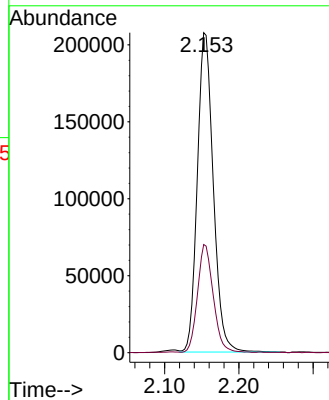
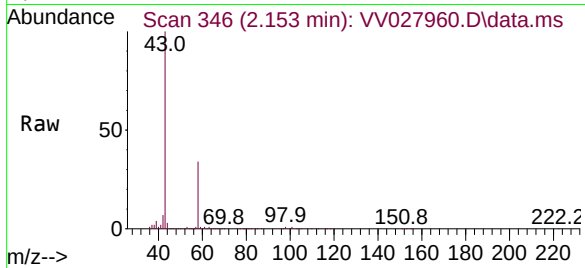
VSTD100261

Tgt Ion: 43 Resp: 310777

Ion Ratio Lower Upper

43 100

58 33.1 0.0 66.2



#14

Carbon disulfide

Concen: 83.769 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.003 min

Lab File: VV027960.D

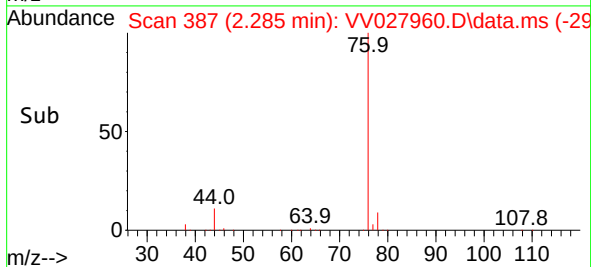
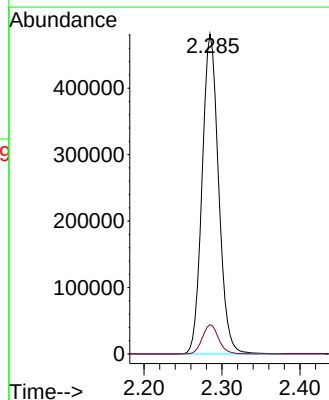
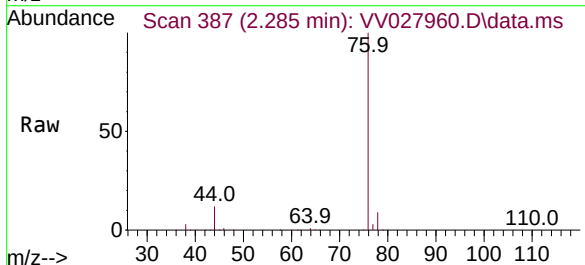
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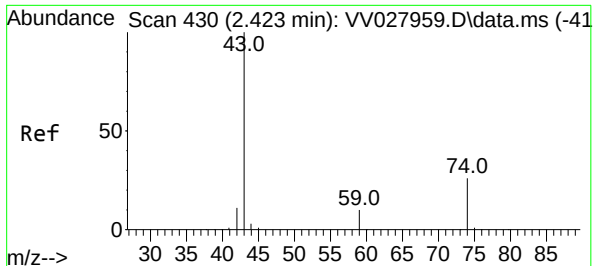
Tgt Ion: 76 Resp: 706924

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

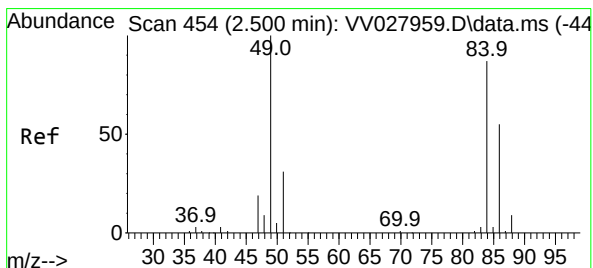
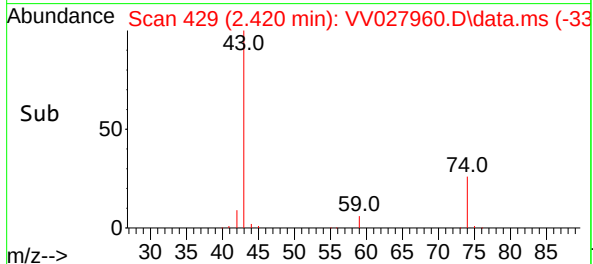
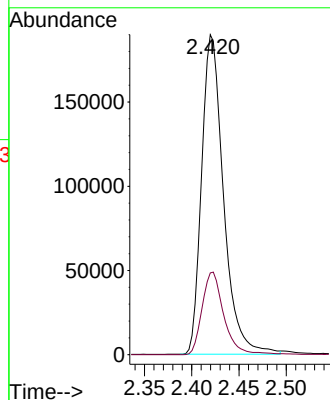
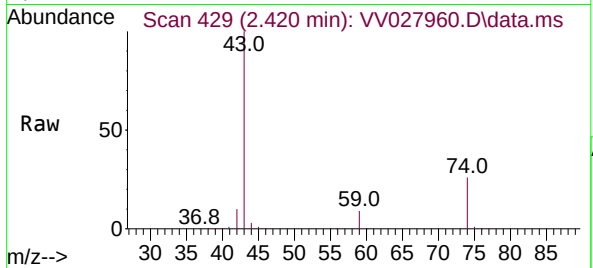




#15
Methyl Acetate
Concen: 81.165 ug/L
RT: 2.420 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV027960.D
Acq: 20 Sep 2022 13:43

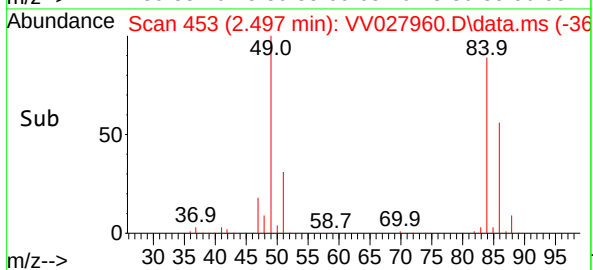
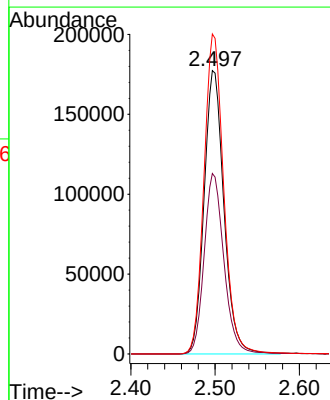
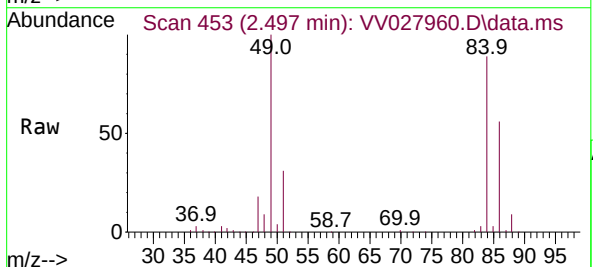
Instrument :
MSVOA_V
ClientSampleId :
VSTD100261

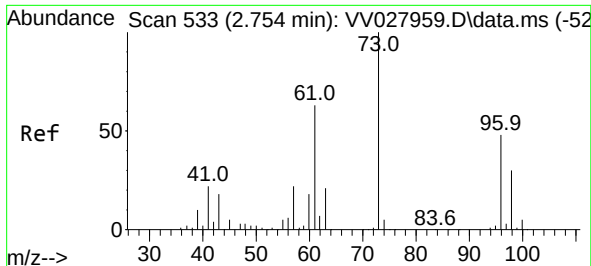
Tgt Ion: 43 Resp: 305924
Ion Ratio Lower Upper
43 100
74 25.8 20.9 31.3



#16
Methylene chloride
Concen: 86.971 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.003 min
Lab File: VV027960.D
Acq: 20 Sep 2022 13:43

Tgt Ion: 84 Resp: 290893
Ion Ratio Lower Upper
84 100
86 63.7 44.2 82.2
49 113.0 80.8 150.0

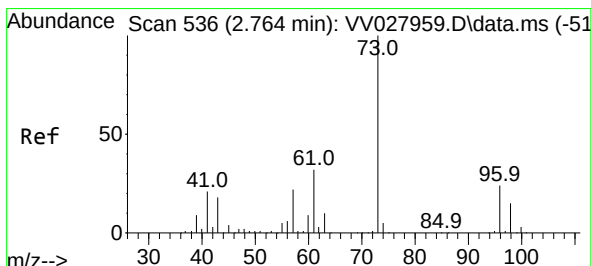
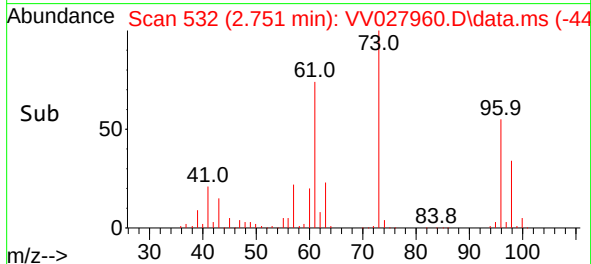
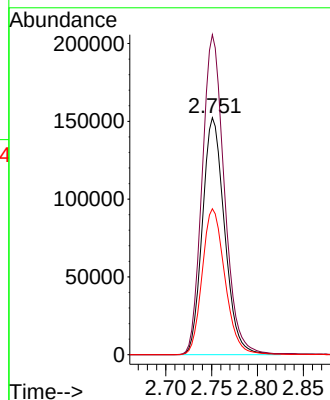
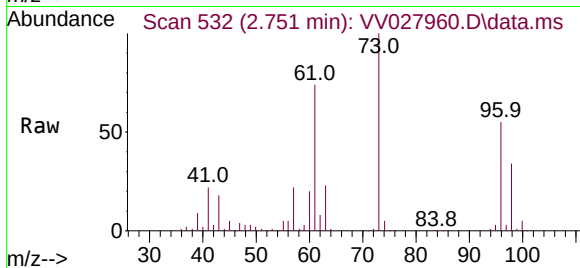




#17
trans-1,2-Dichloroethene
Concen: 91.941 ug/L
RT: 2.751 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV027960.D
Acq: 20 Sep 2022 13:43

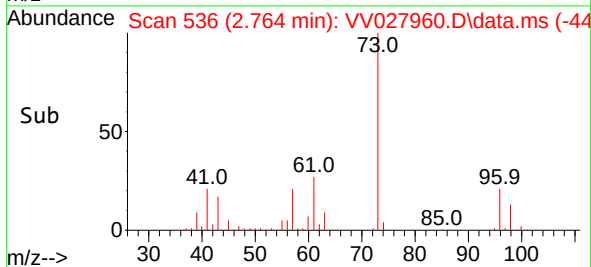
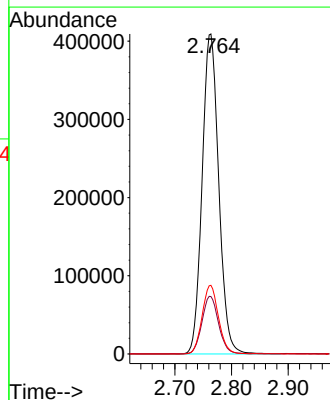
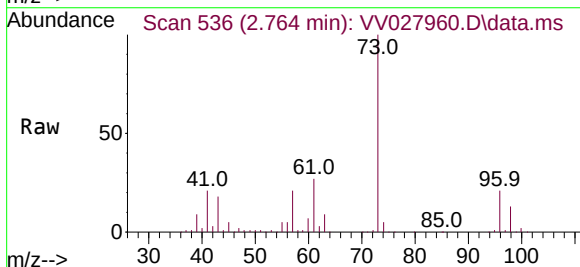
Instrument :
MSVOA_V
ClientSampleId :
VSTD100261

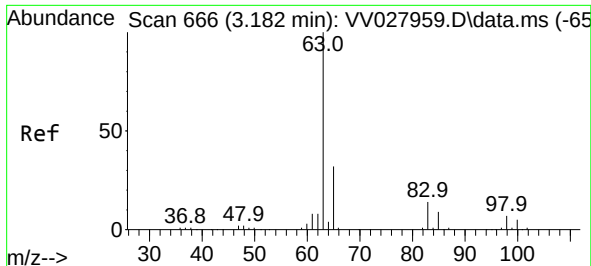
Tgt Ion: 96 Resp: 256373
Ion Ratio Lower Upper
96 100
61 135.0 92.3 171.5
98 61.5 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 99.570 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.000 min
Lab File: VV027960.D
Acq: 20 Sep 2022 13:43

Tgt Ion: 73 Resp: 831749
Ion Ratio Lower Upper
73 100
43 17.9 14.5 21.7
57 21.2 17.4 26.0





#19

1,1-Dichloroethane

Concen: 87.139 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV027960.D

Acq: 20 Sep 2022 13:43

Instrument :

MSVOA_V

ClientSampleId :

VSTD100261

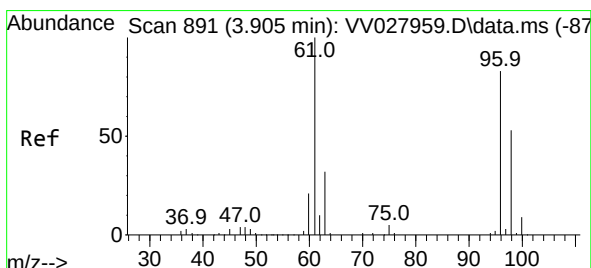
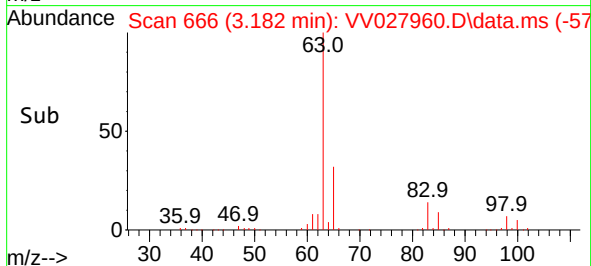
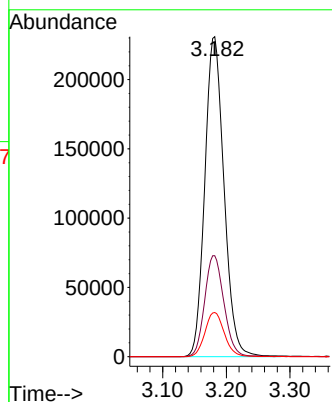
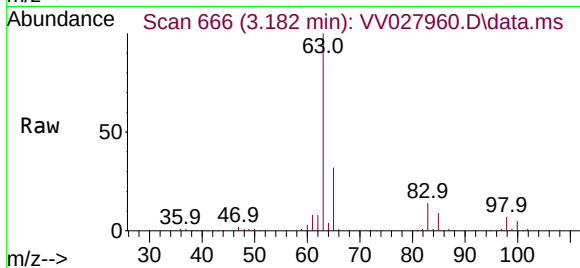
Tgt Ion: 63 Resp: 483543

Ion Ratio Lower Upper

63 100

65 31.6 22.5 41.7

83 13.8 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 99.561 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.003 min

Lab File: VV027960.D

Acq: 20 Sep 2022 13:43

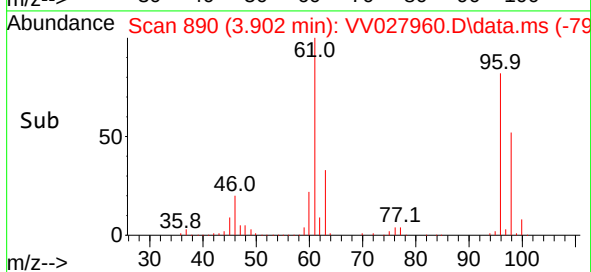
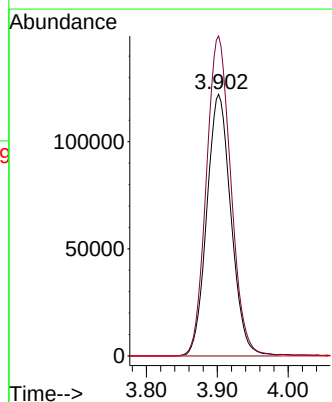
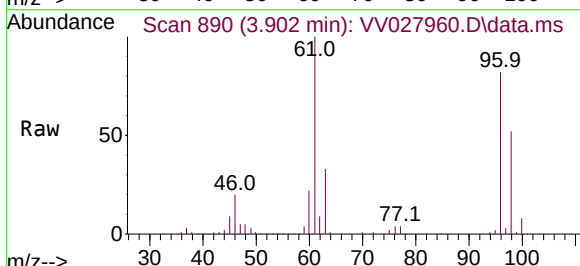
Tgt Ion: 96 Resp: 290464

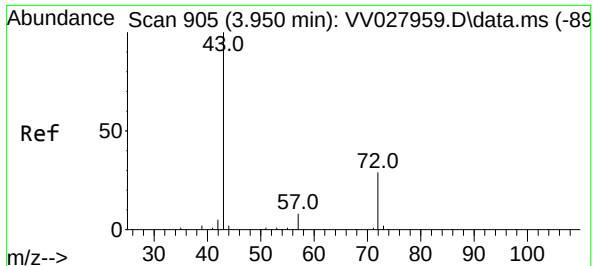
Ion Ratio Lower Upper

96 100

61 122.3 84.4 156.8

68 0.0 0.0 0.0

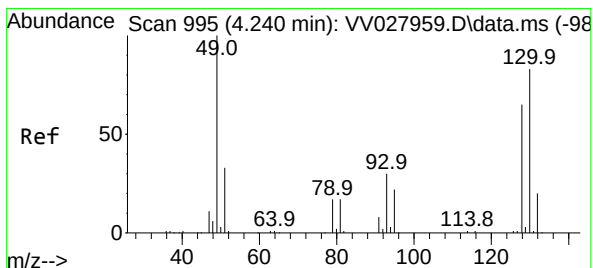
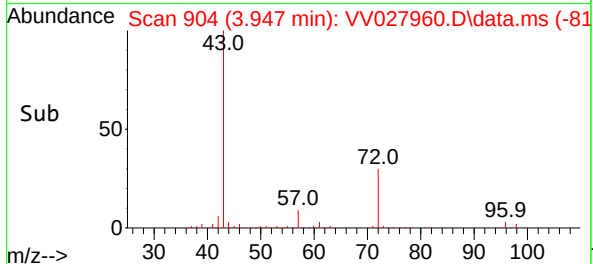
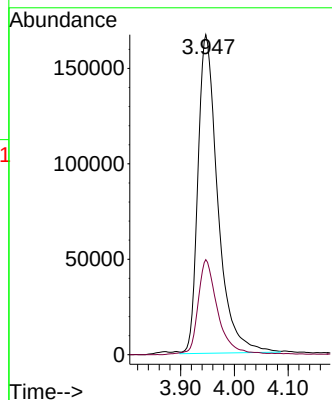
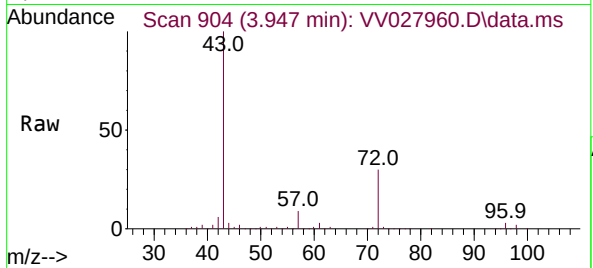




#22
2-Butanone
Concen: 188.657 ug/L
RT: 3.947 min Scan# 904
Delta R.T. -0.003 min
Lab File: VV027960.D
Acq: 20 Sep 2022 13:43

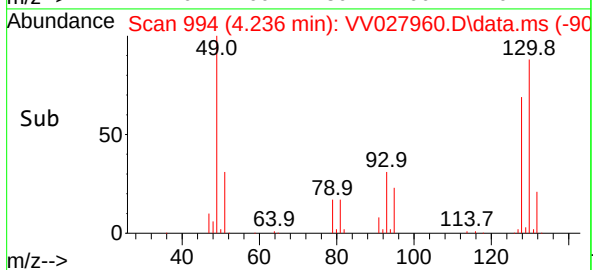
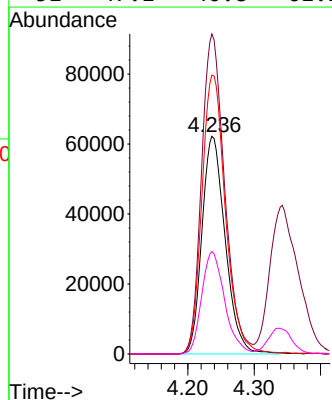
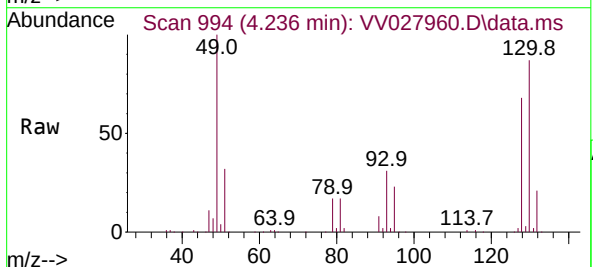
Instrument :
MSVOA_V
ClientSampleId :
VSTD100261

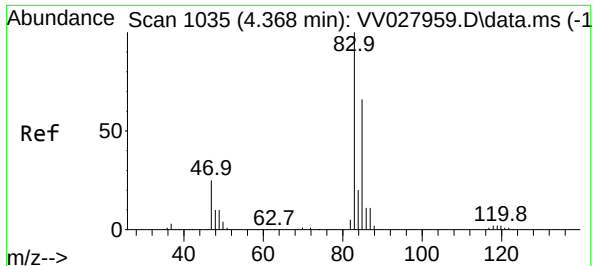
Tgt Ion: 43 Resp: 427774
Ion Ratio Lower Upper
43 100
72 29.6 13.5 40.4



#23
Bromochloromethane
Concen: 92.836 ug/L
RT: 4.236 min Scan# 994
Delta R.T. -0.003 min
Lab File: VV027960.D
Acq: 20 Sep 2022 13:43

Tgt Ion: 128 Resp: 151401
Ion Ratio Lower Upper
128 100
49 147.1 107.0 198.6
130 128.1 88.3 164.1
51 47.1 40.8 61.2





#25

Chloroform

Concen: 90.206 ug/L

RT: 4.365 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VV027960.D

Acq: 20 Sep 2022 13:43

Instrument :

MSVOA_V

ClientSampleId :

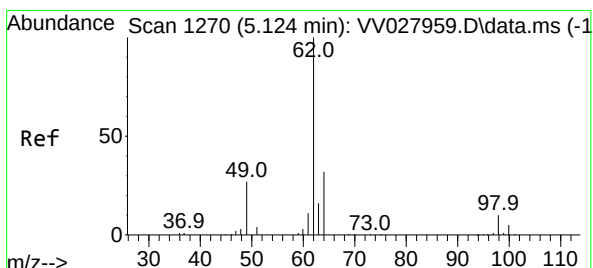
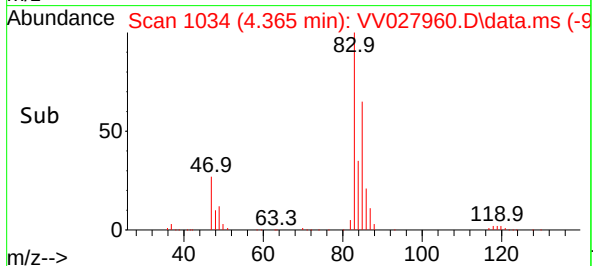
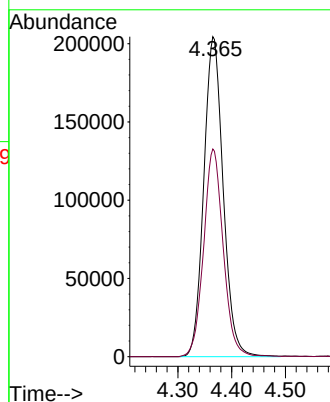
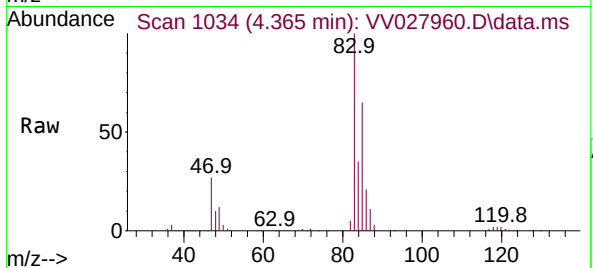
VSTD100261

Tgt Ion: 83 Resp: 512436

Ion Ratio Lower Upper

83 100

85 64.9 46.3 85.9



#27

1,2-Dichloroethane

Concen: 88.935 ug/L

RT: 5.120 min Scan# 1269

Delta R.T. -0.003 min

Lab File: VV027960.D

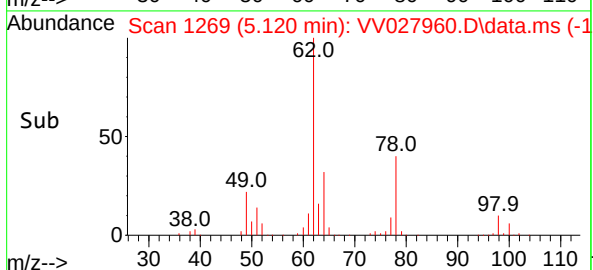
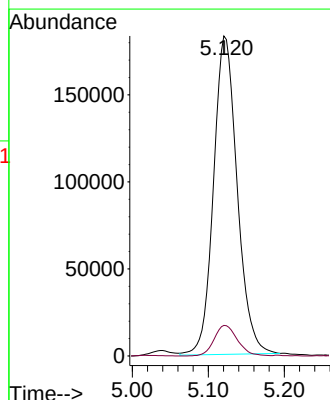
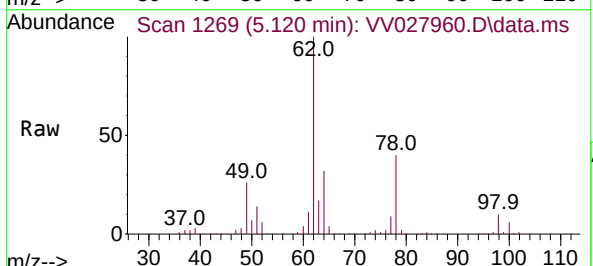
Acq: 20 Sep 2022 13:43

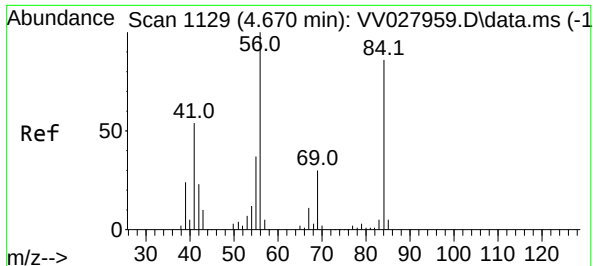
Tgt Ion: 62 Resp: 395265

Ion Ratio Lower Upper

62 100

98 9.5 7.6 11.4





#29

Cyclohexane

Concen: 94.160 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VV027960.D

Acq: 20 Sep 2022 13:43

Instrument :

MSVOA_V

ClientSampleId :

VSTD100261

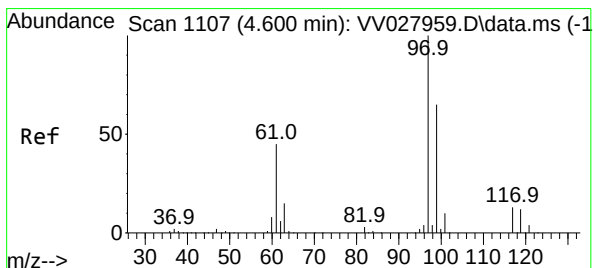
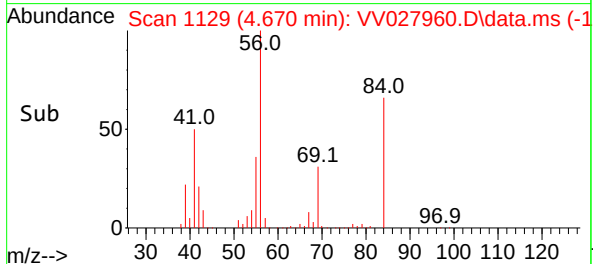
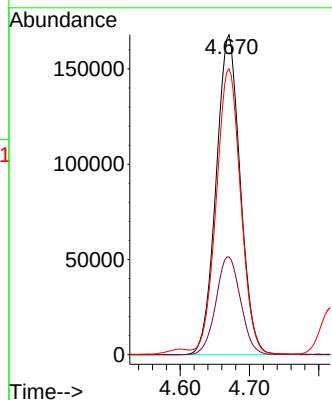
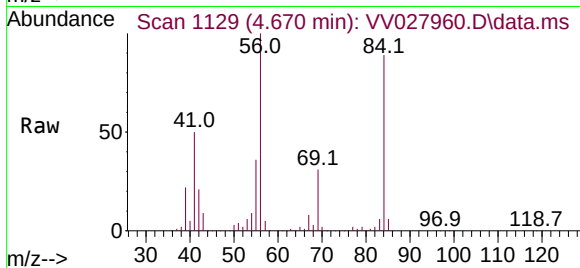
Tgt Ion: 56 Resp: 406651

Ion Ratio Lower Upper

56 100

69 31.3 24.6 36.8

84 90.4 69.0 103.6



#30

1,1,1-Trichloroethane

Concen: 90.508 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VV027960.D

Acq: 20 Sep 2022 13:43

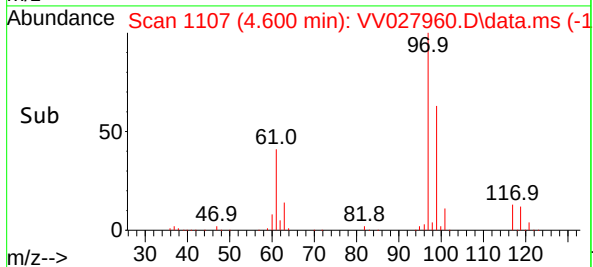
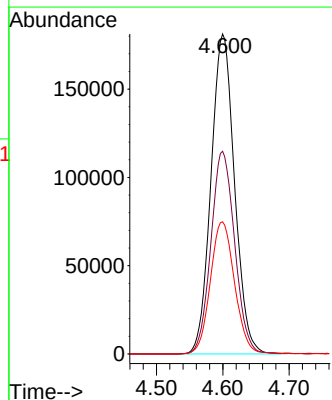
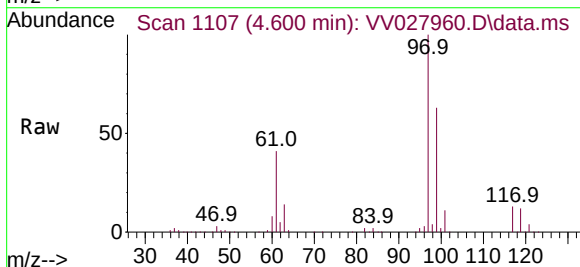
Tgt Ion: 97 Resp: 446969

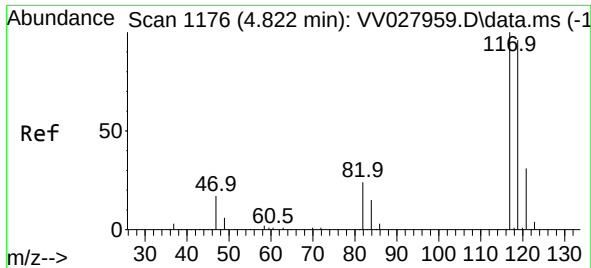
Ion Ratio Lower Upper

97 100

99 64.1 51.4 77.0

61 42.6 35.2 52.8

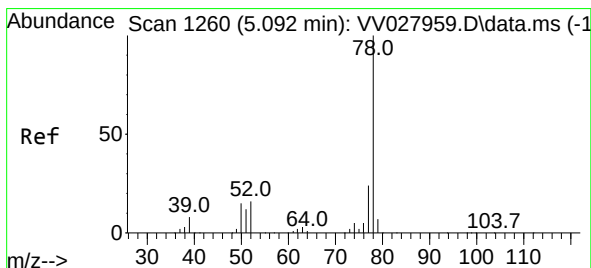
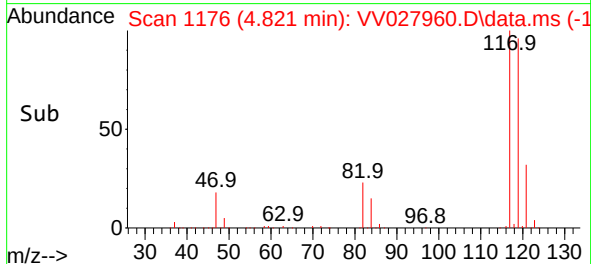
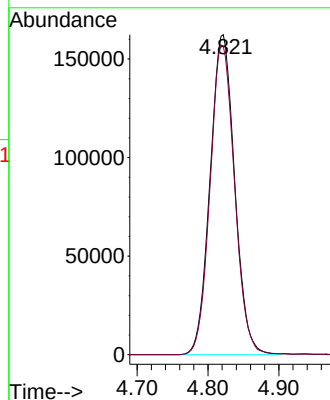
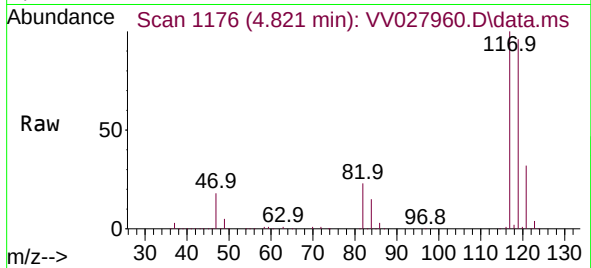




#31
Carbon tetrachloride
Concen: 90.876 ug/L
RT: 4.821 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VV027960.D
Acq: 20 Sep 2022 13:43

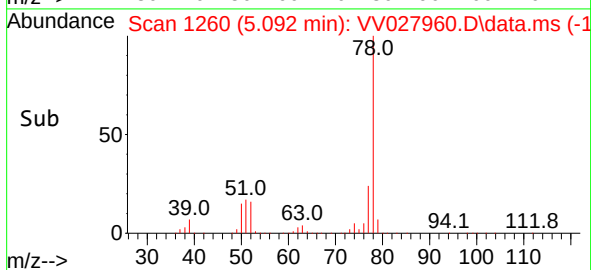
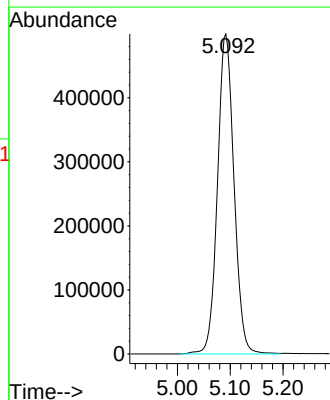
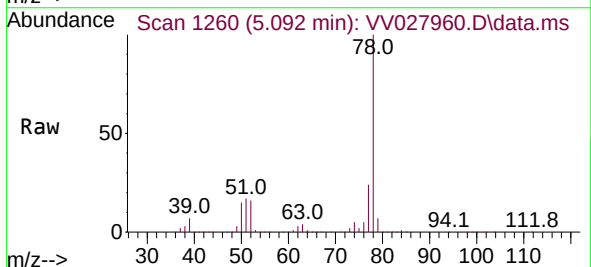
Instrument :
MSVOA_V
ClientSampleId :
VSTD100261

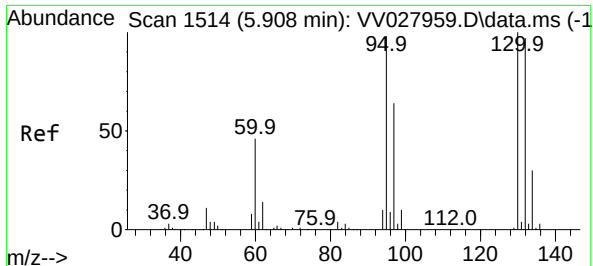
Tgt Ion:117 Resp: 391276
Ion Ratio Lower Upper
117 100
119 96.2 75.6 113.4



#33
Benzene
Concen: 91.269 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VV027960.D
Acq: 20 Sep 2022 13:43

Tgt Ion: 78 Resp: 1085847

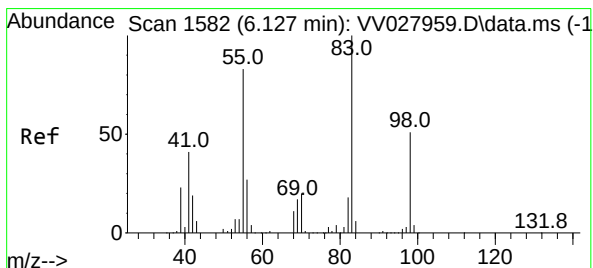
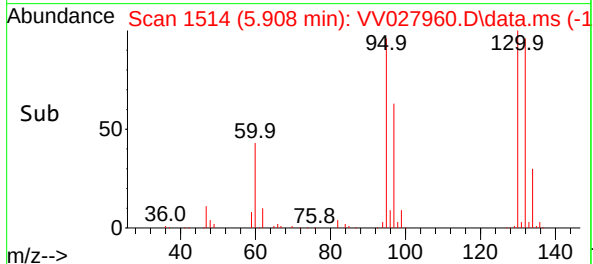
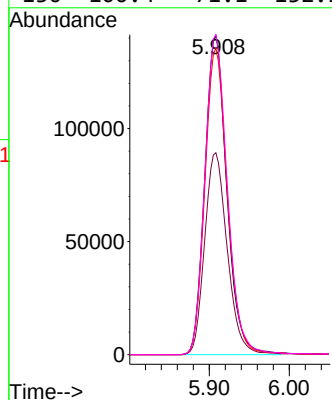
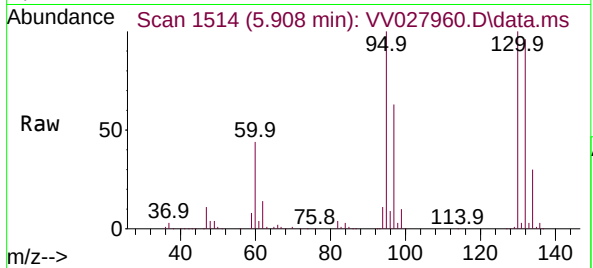




#34
Trichloroethene
Concen: 89.721 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VV027960.D
Acq: 20 Sep 2022 13:43

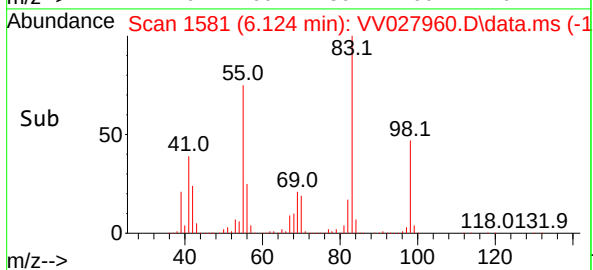
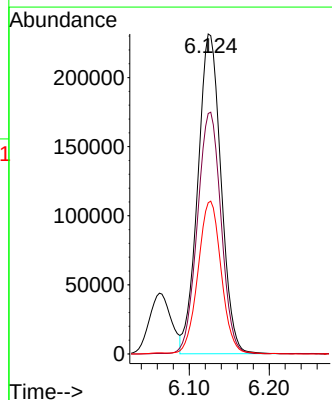
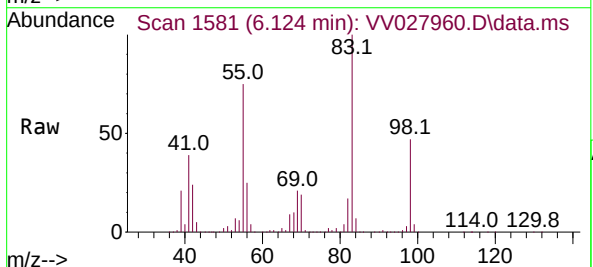
Instrument :
MSVOA_V
ClientSampleId :
VSTD100261

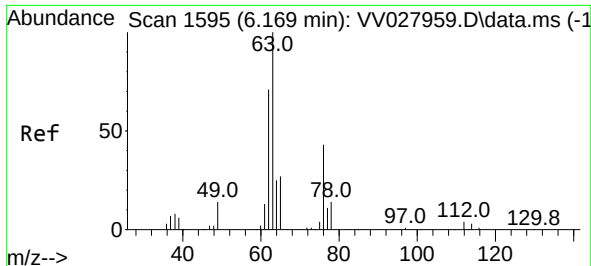
Tgt Ion: 95 Resp: 271157
Ion Ratio Lower Upper
95 100
97 63.4 45.4 84.2
132 96.2 69.2 128.6
130 100.4 71.1 132.1



#35
Methylcyclohexane
Concen: 104.073 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.003 min
Lab File: VV027960.D
Acq: 20 Sep 2022 13:43

Tgt Ion: 83 Resp: 467518
Ion Ratio Lower Upper
83 100
55 76.8 63.0 94.4
98 47.9 39.5 59.3





#37

1,2-Dichloropropane

Concen: 93.678 ug/L

RT: 6.165 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV027960.D

Acq: 20 Sep 2022 13:43

Instrument :

MSVOA_V

ClientSampleId :

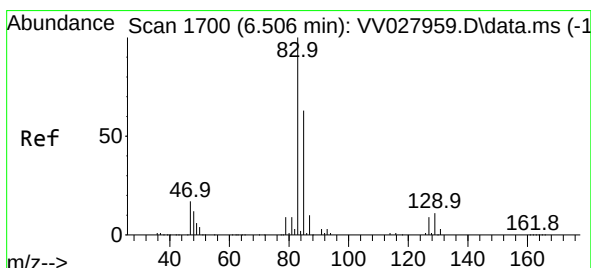
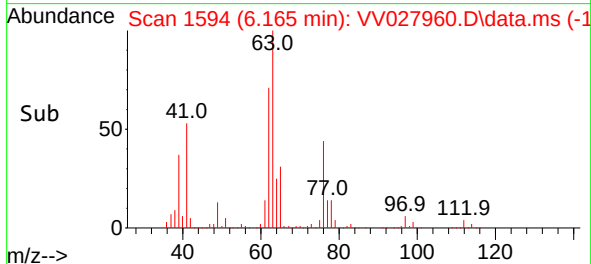
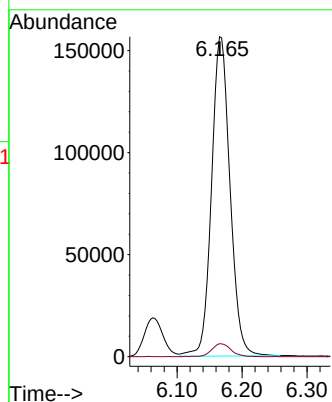
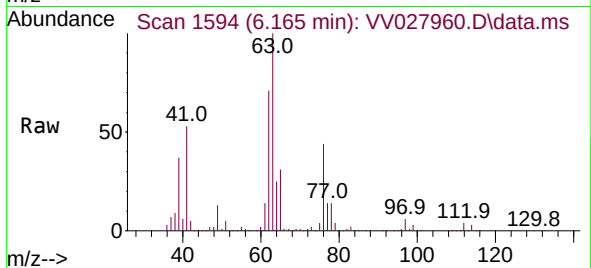
VSTD100261

Tgt Ion: 63 Resp: 309078

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.0



#38

Bromodichloromethane

Concen: 93.529 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VV027960.D

Acq: 20 Sep 2022 13:43

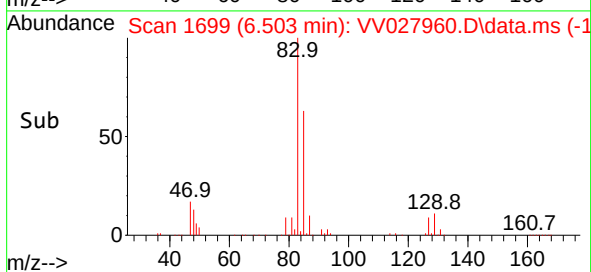
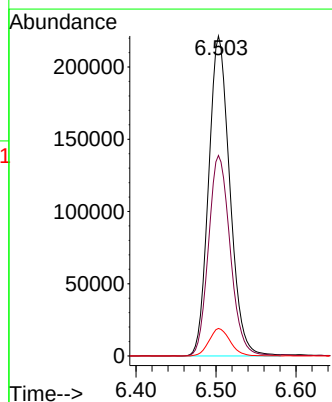
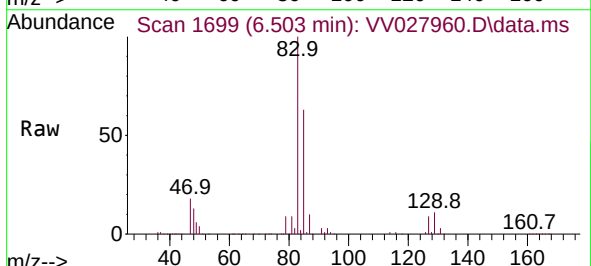
Tgt Ion: 83 Resp: 408262

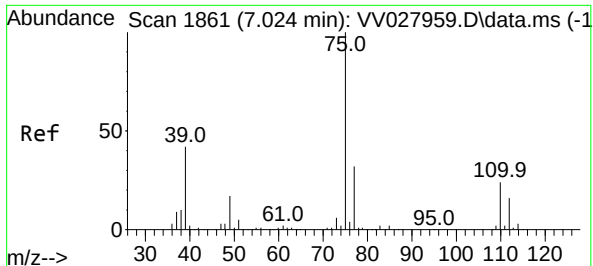
Ion Ratio Lower Upper

83 100

85 62.6 44.2 82.0

127 8.6 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 109.484 ug/L

RT: 7.021 min Scan# 1860

Delta R.T. -0.003 min

Lab File: VV027960.D

Acq: 20 Sep 2022 13:43

Instrument :

MSVOA_V

ClientSampleId :

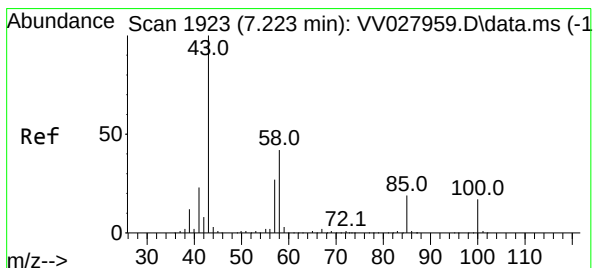
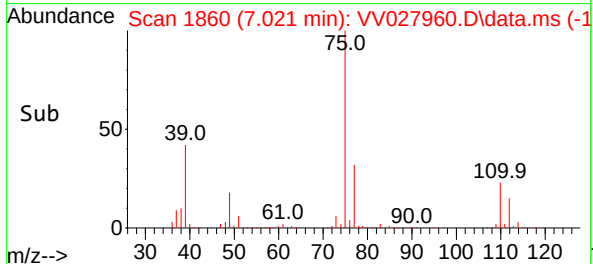
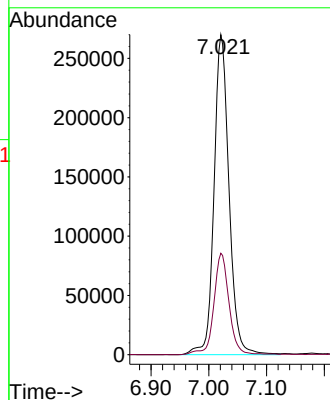
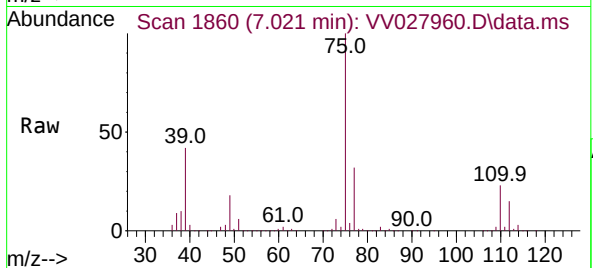
VSTD100261

Tgt Ion: 75 Resp: 486758

Ion Ratio Lower Upper

75 100

77 31.7 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 207.829 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.003 min

Lab File: VV027960.D

Acq: 20 Sep 2022 13:43

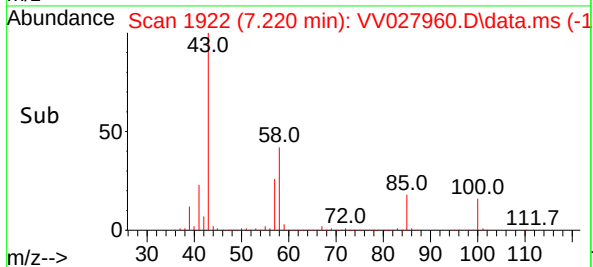
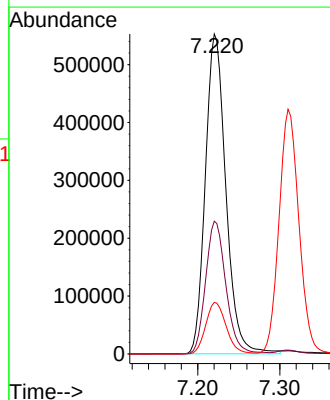
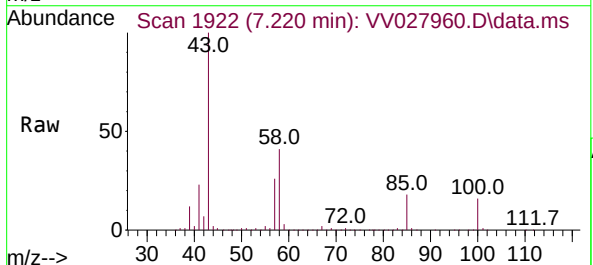
Tgt Ion: 43 Resp: 961874

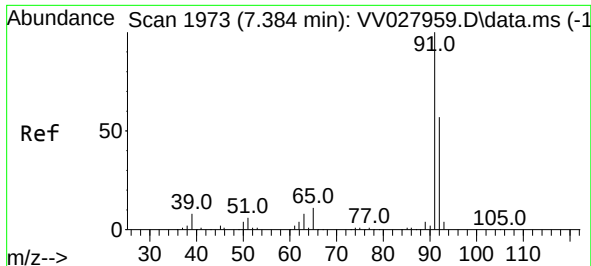
Ion Ratio Lower Upper

43 100

58 41.1 33.0 49.4

100 16.1 13.3 19.9

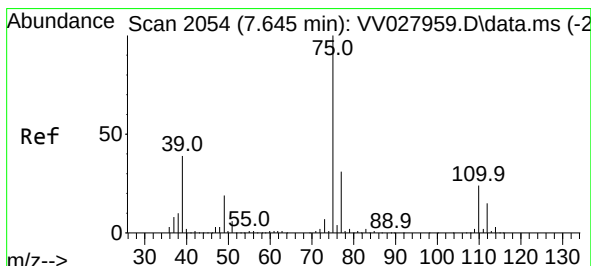
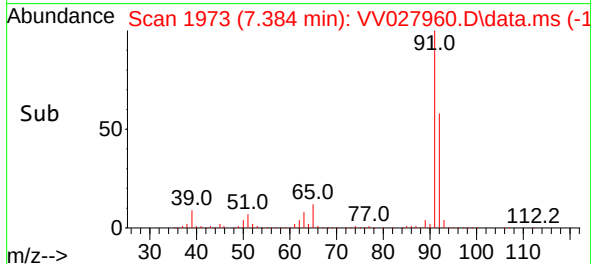
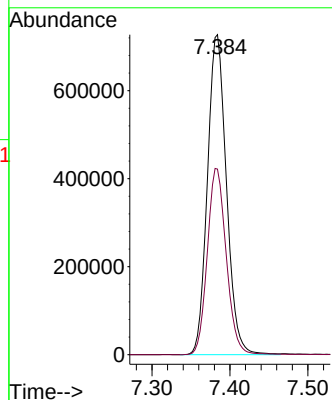
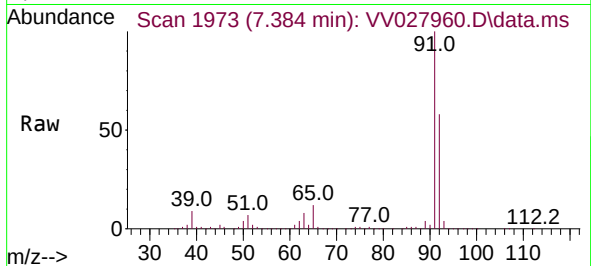




#42
Toluene
Concen: 102.803 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VV027960.D
Acq: 20 Sep 2022 13:43

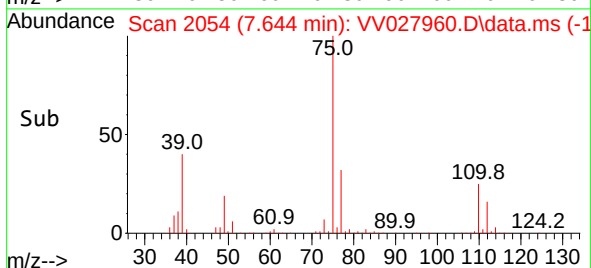
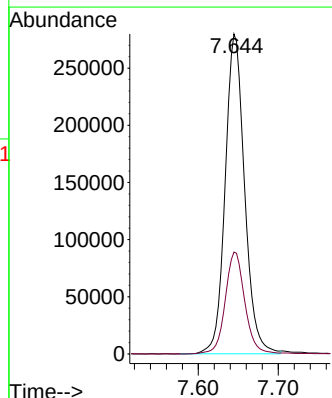
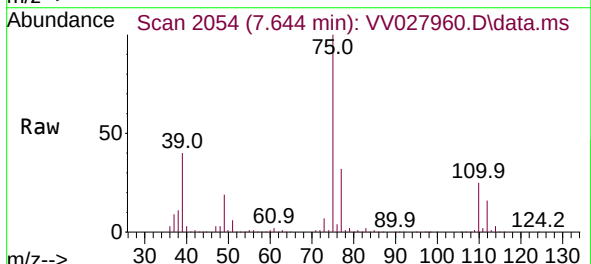
Instrument :
MSVOA_V
ClientSampleId :
VSTD100261

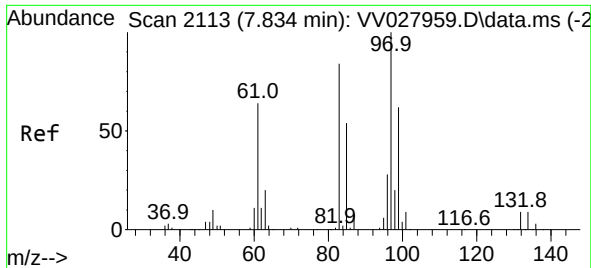
Tgt Ion: 91 Resp: 1233937
Ion Ratio Lower Upper
91 100
92 58.0 40.0 74.4



#44
trans-1,3-Dichloropropene
Concen: 107.205 ug/L
RT: 7.644 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VV027960.D
Acq: 20 Sep 2022 13:43

Tgt Ion: 75 Resp: 470915
Ion Ratio Lower Upper
75 100
77 31.9 21.4 39.8



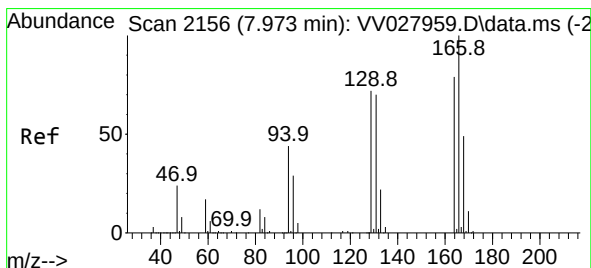
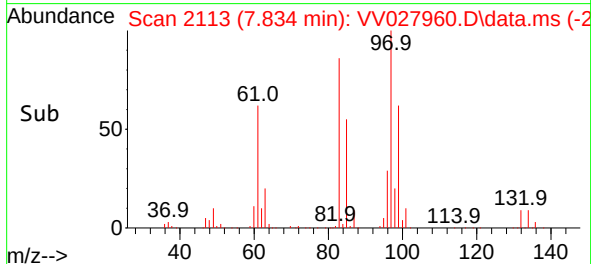
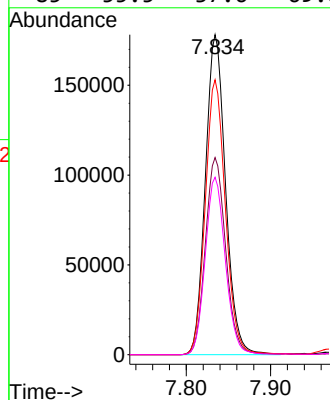
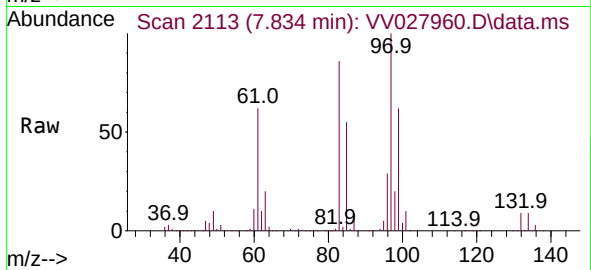


#45
1,1,2-Trichloroethane
Concen: 93.126 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VV027960.D
Acq: 20 Sep 2022 13:43

Instrument :
MSVOA_V
ClientSampleId :
VSTD100261

Tgt Ion: 97 Resp: 297641

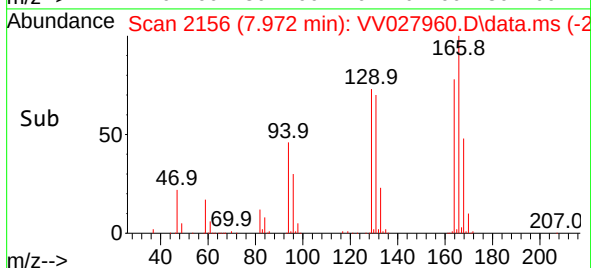
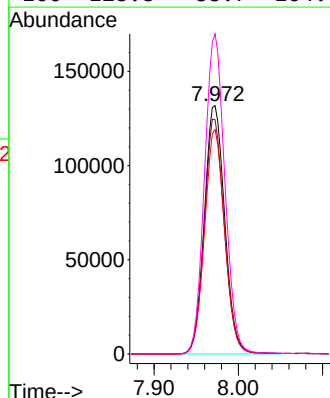
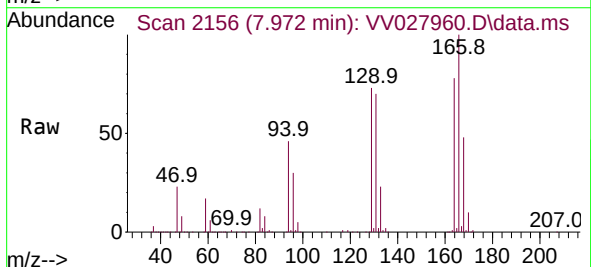
Ion	Ratio	Lower	Upper
97	100		
99	61.6	43.8	81.3
83	85.9	58.7	109.1
85	55.5	37.6	69.8

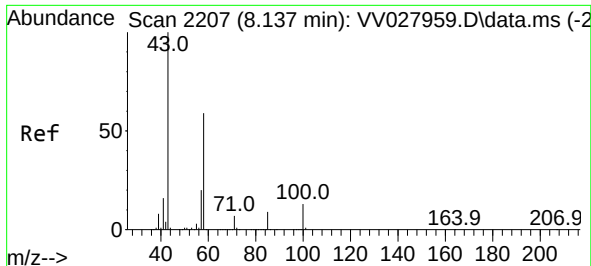


#46
Tetrachloroethene
Concen: 98.666 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV027960.D
Acq: 20 Sep 2022 13:43

Tgt Ion: 164 Resp: 222626

Ion	Ratio	Lower	Upper
164	100		
129	94.3	64.3	119.3
131	90.3	62.6	116.2
166	128.8	88.7	164.7



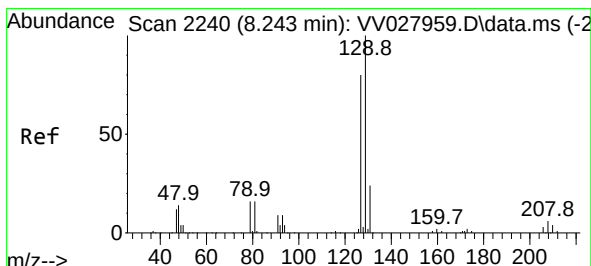
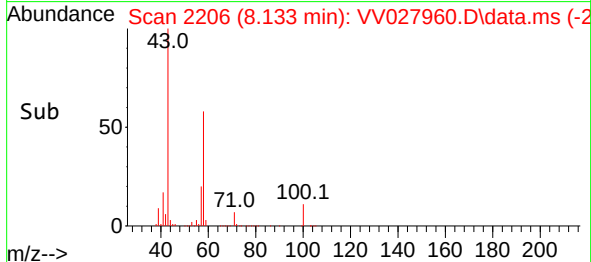
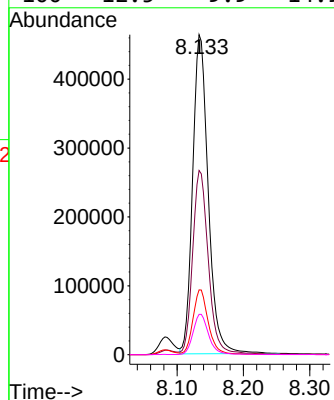
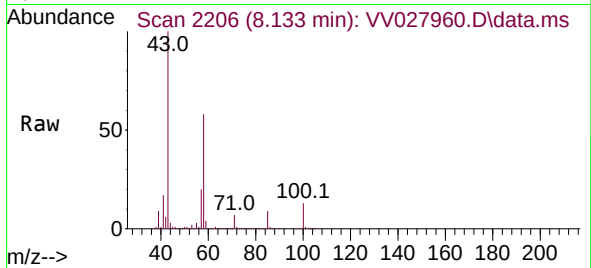


#48
2-Hexanone
Concen: 202.977 ug/L
RT: 8.133 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV027960.D
Acq: 20 Sep 2022 13:43

Instrument :
MSVOA_V
ClientSampleId :
VSTD100261

Tgt Ion: 43 Resp: 754854

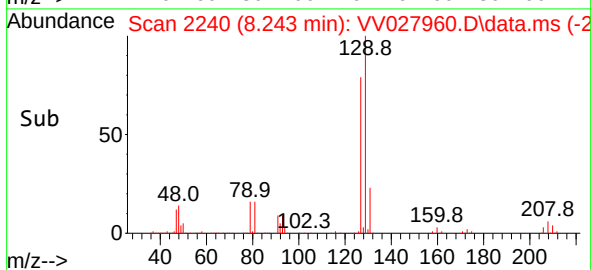
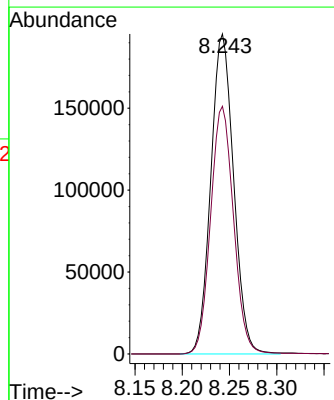
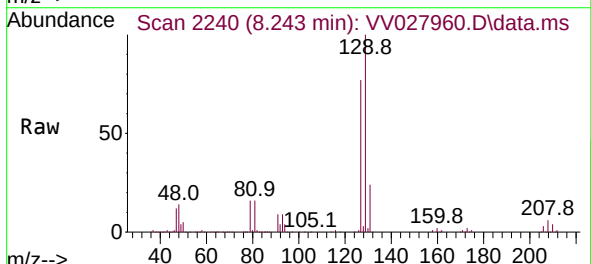
Ion	Ratio	Lower	Upper
43	100		
58	56.9	45.6	68.4
57	19.8	15.0	22.6
100	12.5	9.9	14.9

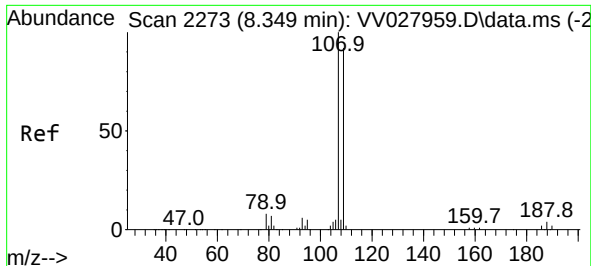


#49
Dibromochloromethane
Concen: 96.584 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV027960.D
Acq: 20 Sep 2022 13:43

Tgt Ion: 129 Resp: 327766

Ion	Ratio	Lower	Upper
129	100		
127	77.4	56.3	104.5





#50

1,2-Dibromoethane

Concen: 93.622 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV027960.D

Acq: 20 Sep 2022 13:43

Instrument :

MSVOA_V

ClientSampleId :

VSTD100261

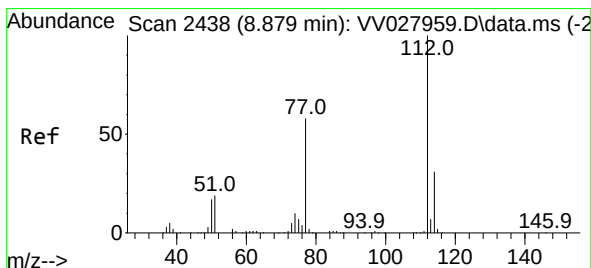
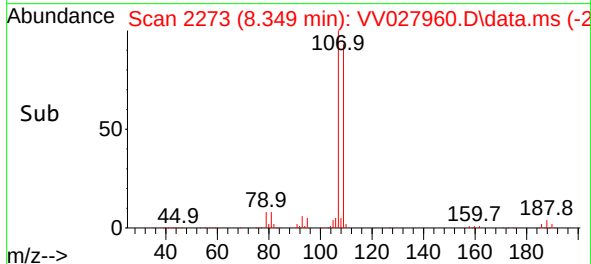
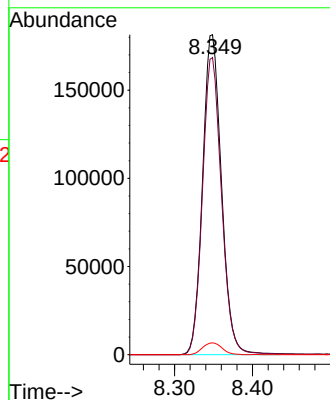
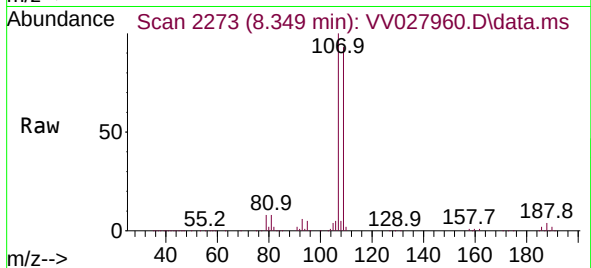
Tgt Ion:107 Resp: 306069

Ion Ratio Lower Upper

107 100

109 92.9 64.4 119.6

188 3.7 3.0 4.4



#51

Chlorobenzene

Concen: 96.330 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. -0.003 min

Lab File: VV027960.D

Acq: 20 Sep 2022 13:43

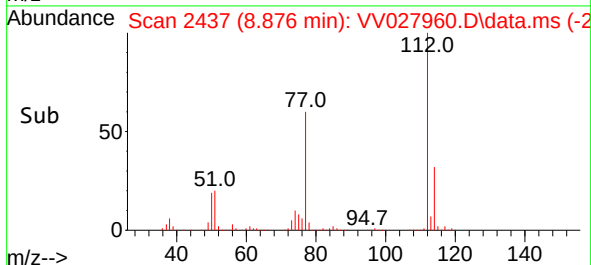
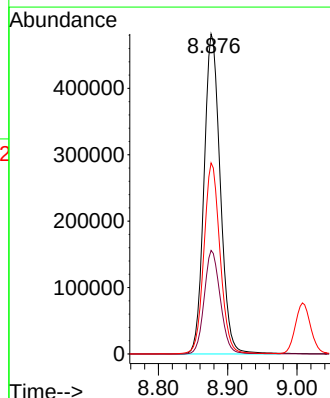
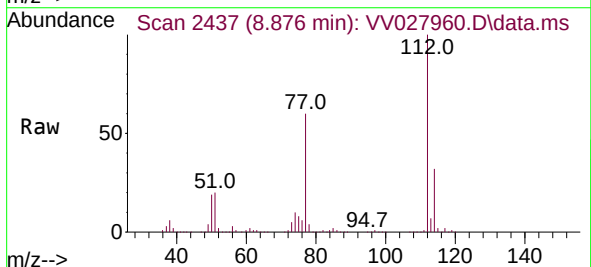
Tgt Ion:112 Resp: 782705

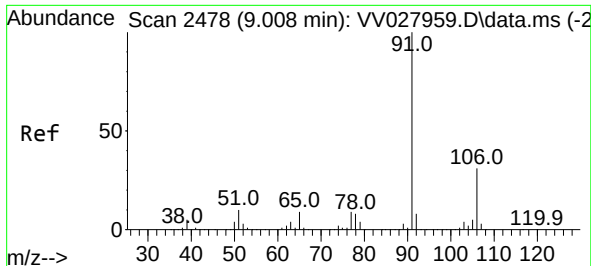
Ion Ratio Lower Upper

112 100

114 32.4 21.9 40.7

77 59.7 46.8 70.2

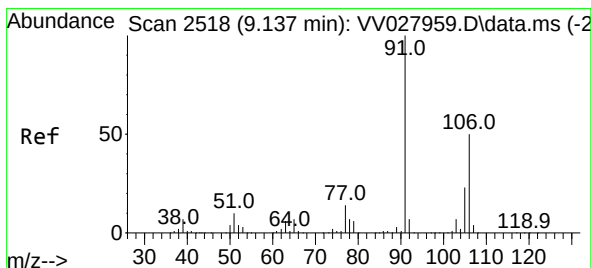
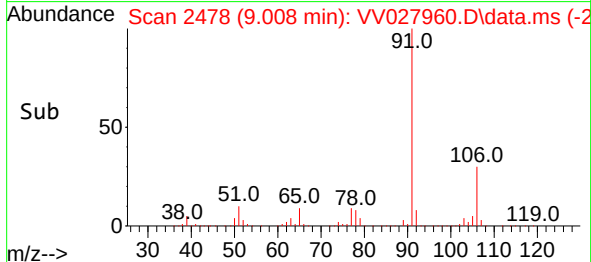
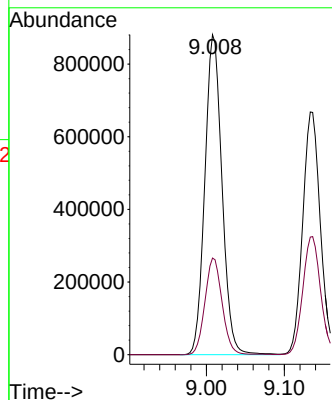
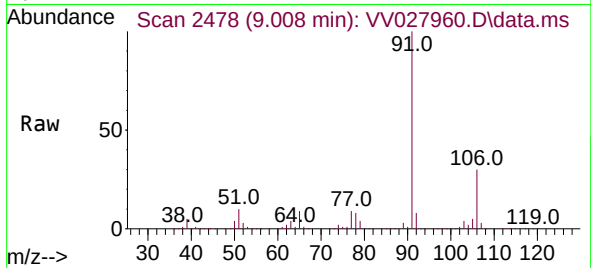




#52
Ethylbenzene
Concen: 107.025 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.000 min
Lab File: VV027960.D
Acq: 20 Sep 2022 13:43

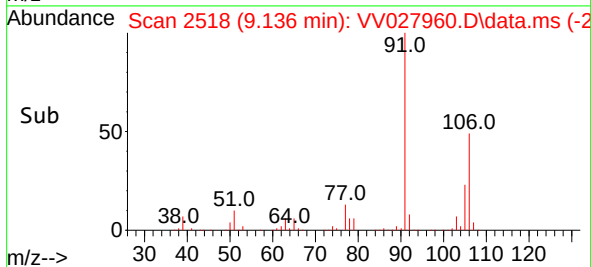
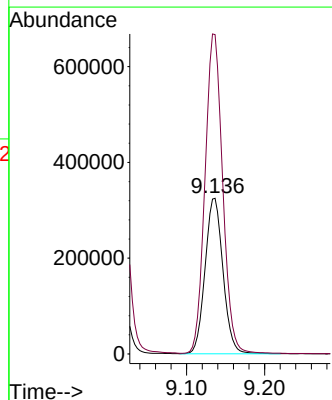
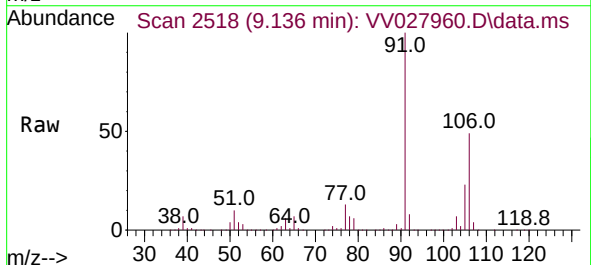
Instrument :
MSVOA_V
ClientSampleId :
VSTD100261

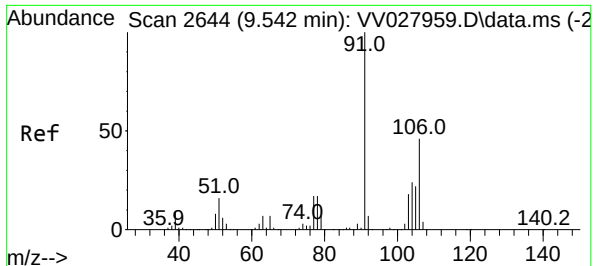
Tgt Ion: 91 Resp: 1347087
Ion Ratio Lower Upper
91 100
106 30.2 21.3 39.6



#53
m,p-Xylene
Concen: 108.831 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV027960.D
Acq: 20 Sep 2022 13:43

Tgt Ion: 106 Resp: 518368
Ion Ratio Lower Upper
106 100
91 205.0 139.8 259.6

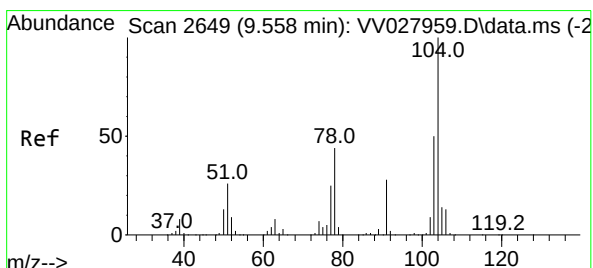
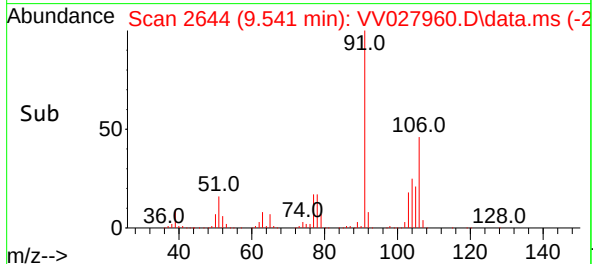
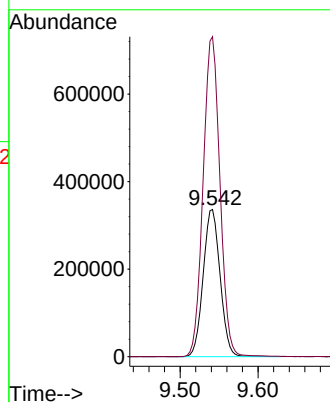
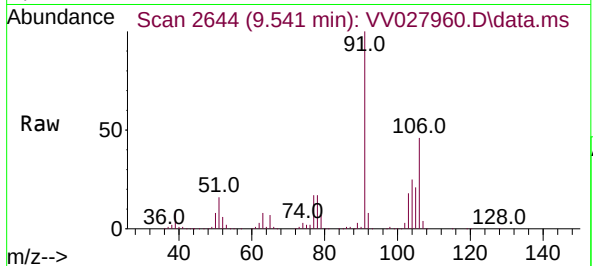




#54
o-Xylene
Concen: 109.509 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027960.D
Acq: 20 Sep 2022 13:43

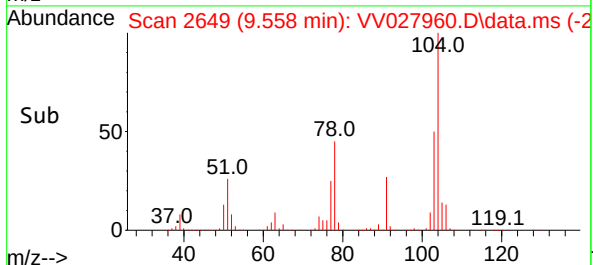
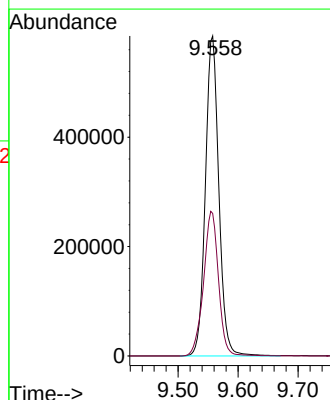
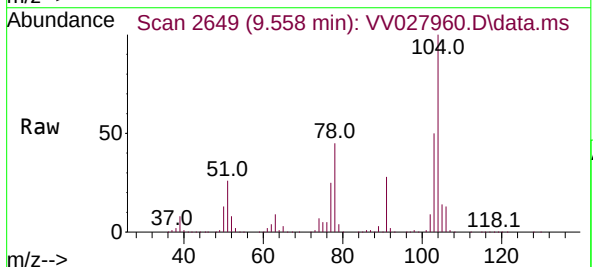
Instrument :
MSVOA_V
ClientSampleId :
VSTD100261

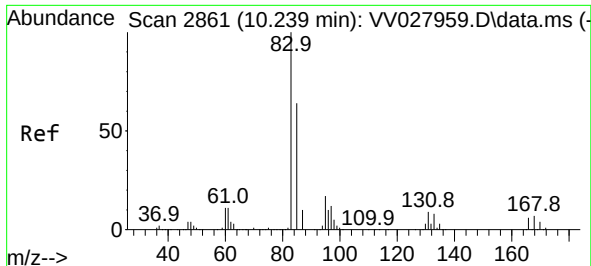
Tgt Ion:106 Resp: 508503
Ion Ratio Lower Upper
106 100
91 217.4 151.1 280.5



#55
Styrene
Concen: 112.709 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV027960.D
Acq: 20 Sep 2022 13:43

Tgt Ion:104 Resp: 915337
Ion Ratio Lower Upper
104 100
78 44.5 31.1 57.7

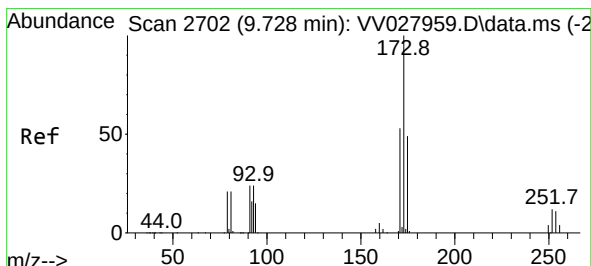
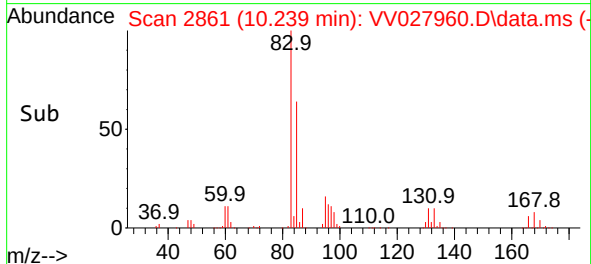
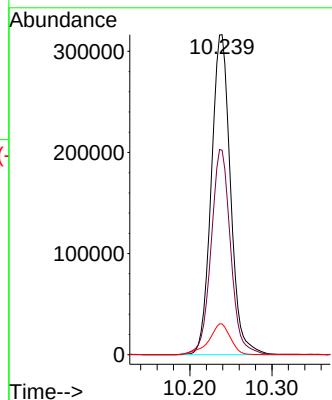
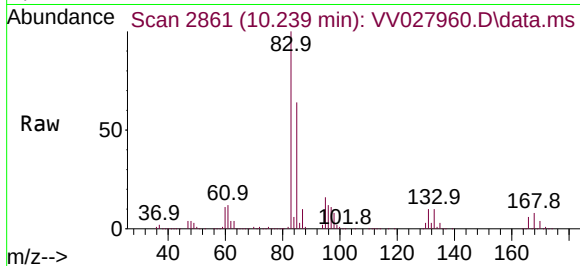




#57
1,1,2,2-Tetrachloroethane
Concen: 95.625 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV027960.D
Acq: 20 Sep 2022 13:43

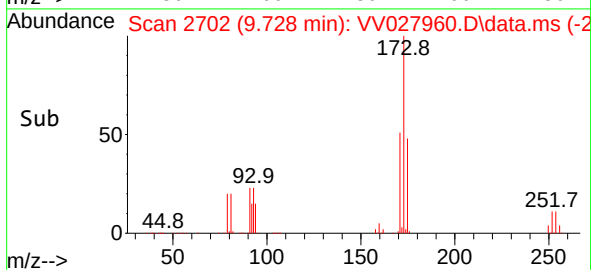
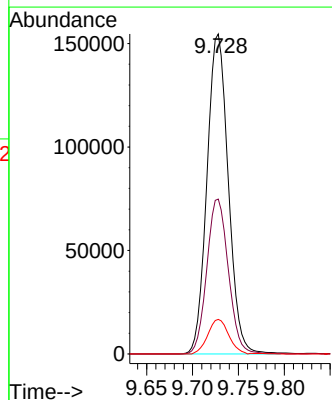
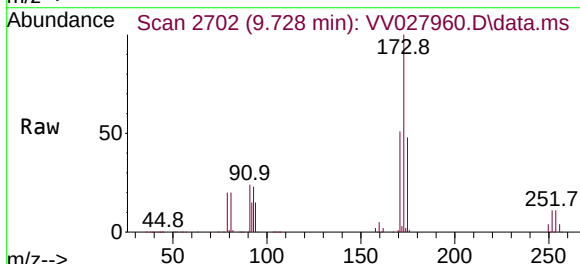
Instrument :
MSVOA_V
ClientSampleId :
VSTD100261

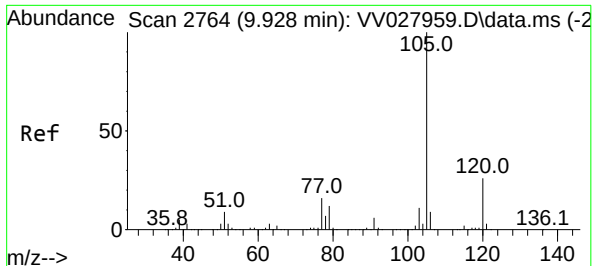
Tgt Ion: 83 Resp: 514752
Ion Ratio Lower Upper
83 100
85 63.9 45.1 83.9
131 9.6 7.7 11.5



#59
Bromoform
Concen: 98.605 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.000 min
Lab File: VV027960.D
Acq: 20 Sep 2022 13:43

Tgt Ion: 173 Resp: 249727
Ion Ratio Lower Upper
173 100
175 48.9 39.7 59.5
254 10.6 7.4 11.2

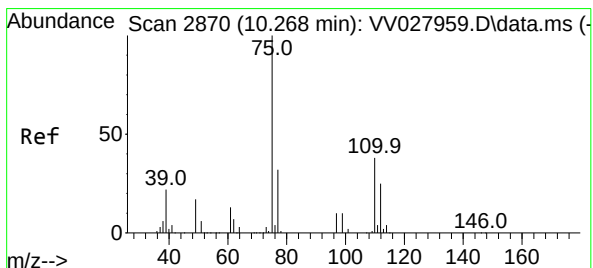
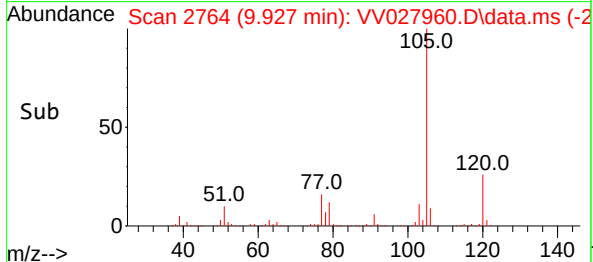
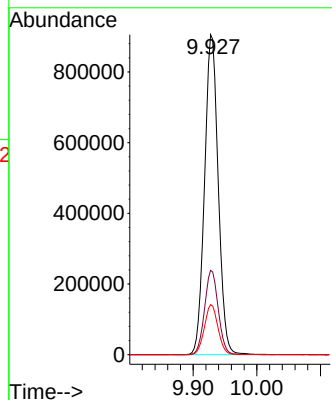
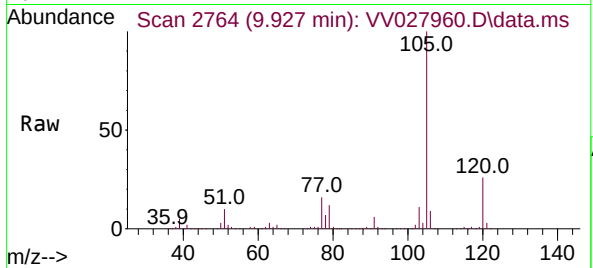




#60
Isopropylbenzene
Concen: 101.777 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027960.D
Acq: 20 Sep 2022 13:43

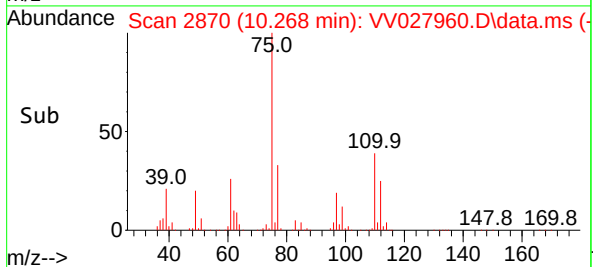
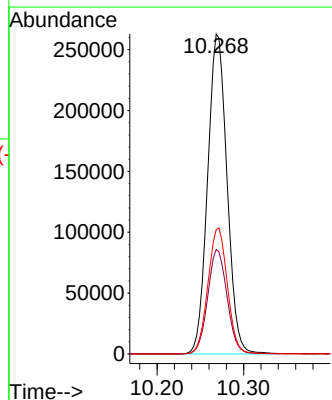
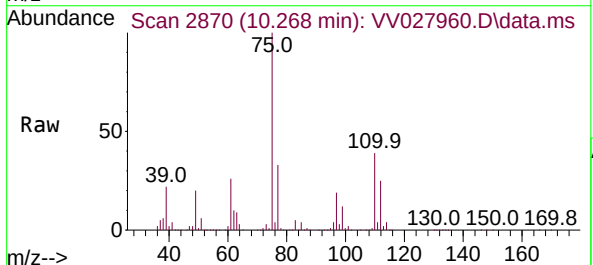
Instrument :
MSVOA_V
ClientSampleId :
VSTD100261

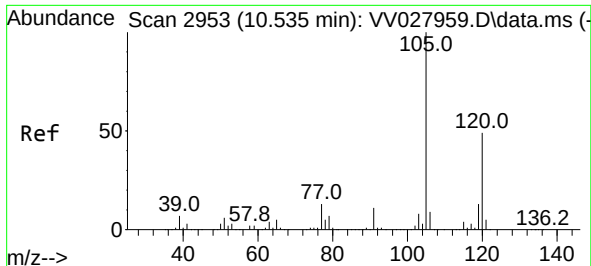
Tgt Ion:105 Resp: 1352409
Ion Ratio Lower Upper
105 100
120 26.4 20.8 31.2
77 15.6 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 85.795 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.000 min
Lab File: VV027960.D
Acq: 20 Sep 2022 13:43

Tgt Ion: 75 Resp: 409463
Ion Ratio Lower Upper
75 100
77 32.5 25.9 38.9
110 39.5 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 107.150 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. -0.000 min

Lab File: VV027960.D

Acq: 20 Sep 2022 13:43

Instrument :

MSVOA_V

ClientSampleId :

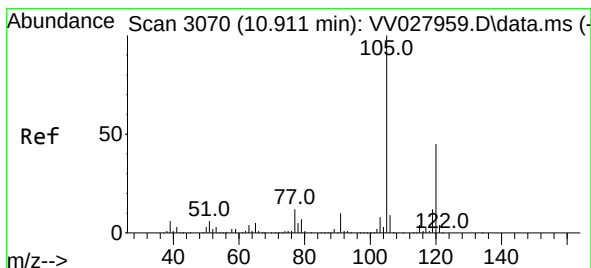
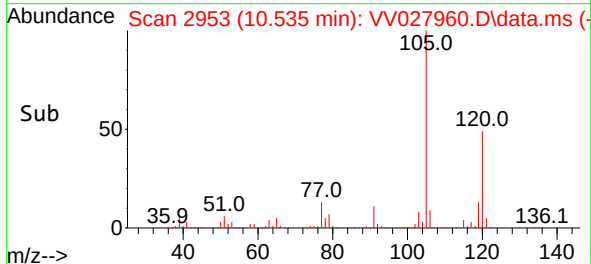
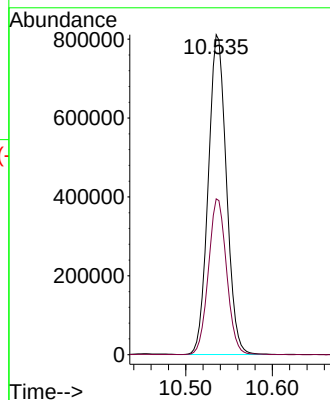
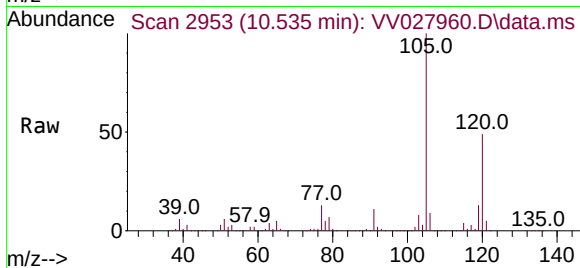
VSTD100261

Tgt Ion:105 Resp: 1180168

Ion Ratio Lower Upper

105 100

120 48.7 40.2 60.2



#63

1,2,4-Trimethylbenzene

Concen: 108.720 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV027960.D

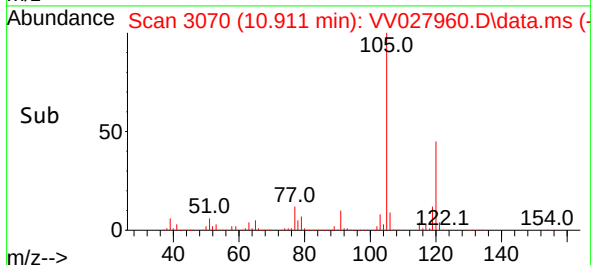
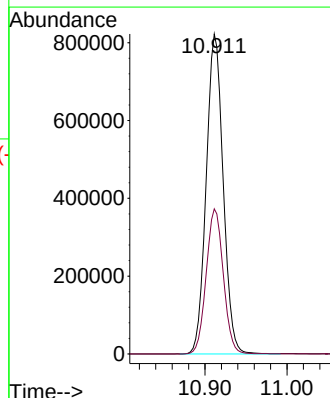
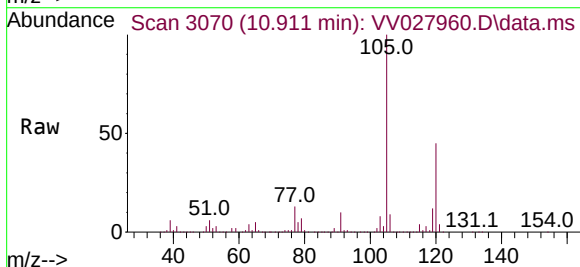
Acq: 20 Sep 2022 13:43

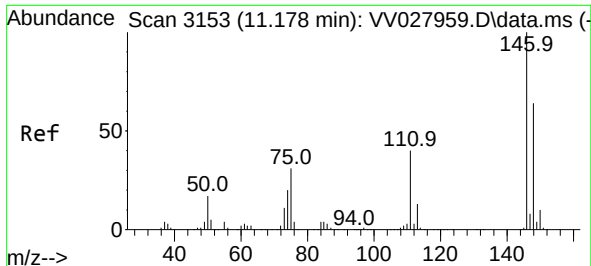
Tgt Ion:105 Resp: 1178384

Ion Ratio Lower Upper

105 100

120 45.8 36.3 54.5

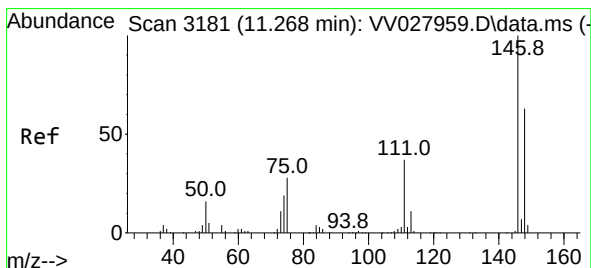
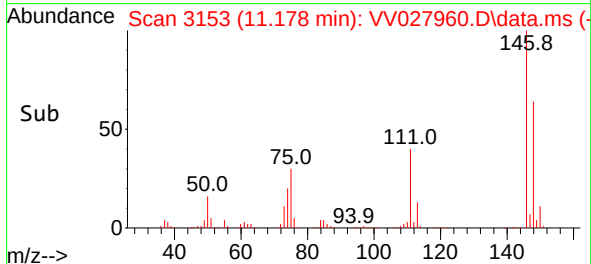
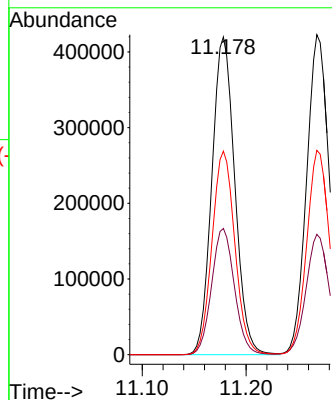
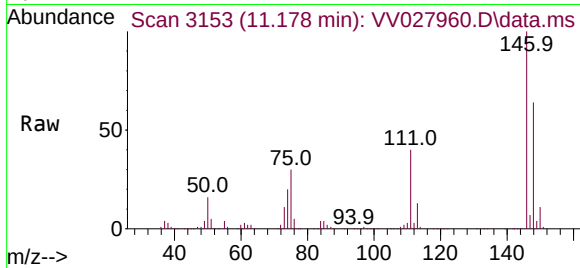




#64
1,3-Dichlorobenzene
Concen: 99.138 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV027960.D
Acq: 20 Sep 2022 13:43

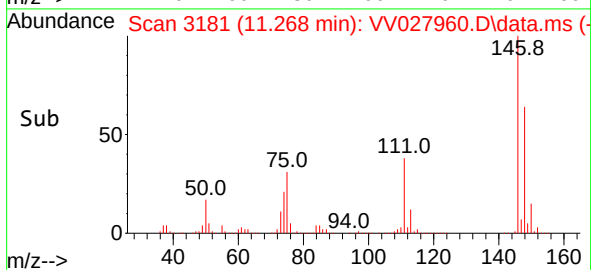
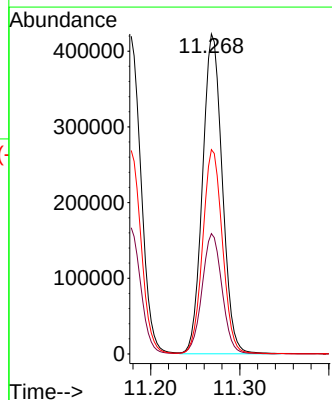
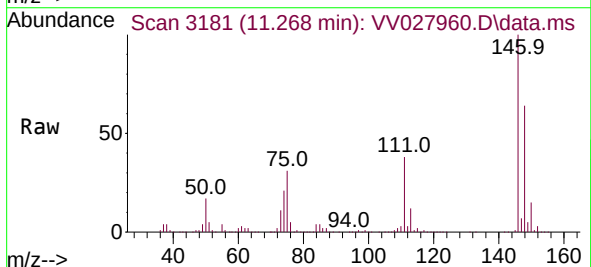
Instrument :
MSVOA_V
ClientSampleId :
VSTD100261

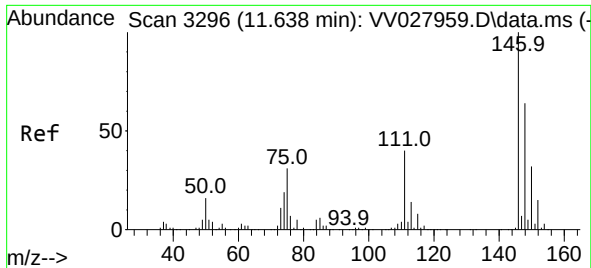
Tgt Ion:146 Resp: 643477
Ion Ratio Lower Upper
146 100
111 39.7 28.2 52.4
148 64.1 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 95.452 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.000 min
Lab File: VV027960.D
Acq: 20 Sep 2022 13:43

Tgt Ion:146 Resp: 649702
Ion Ratio Lower Upper
146 100
111 37.6 26.0 48.2
148 63.8 43.9 81.5

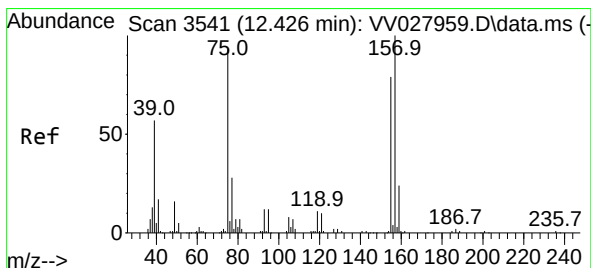
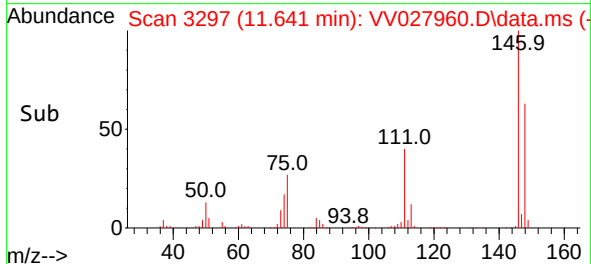
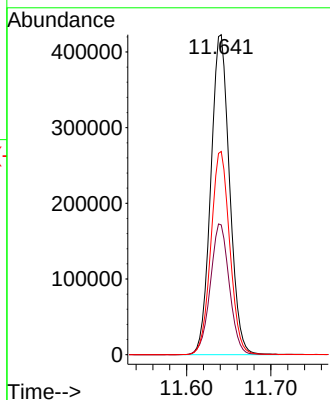
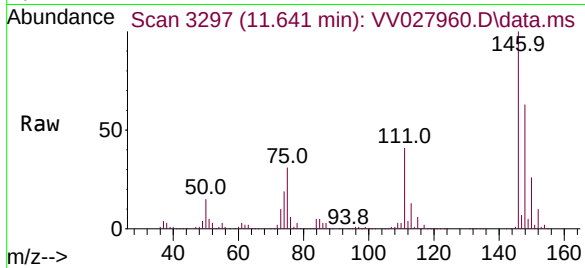




#67
1,2-Dichlorobenzene
Concen: 97.041 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV027960.D
Acq: 20 Sep 2022 13:43

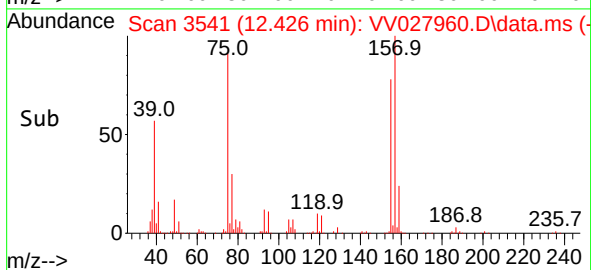
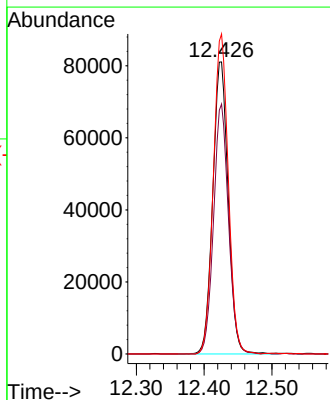
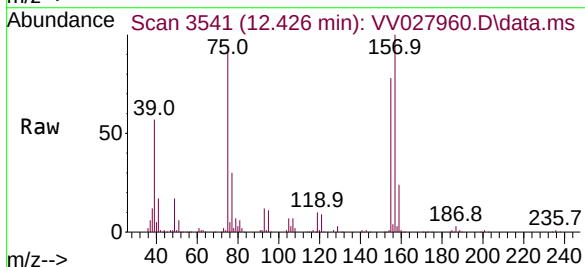
Instrument :
MSVOA_V
ClientSampleId :
VSTD100261

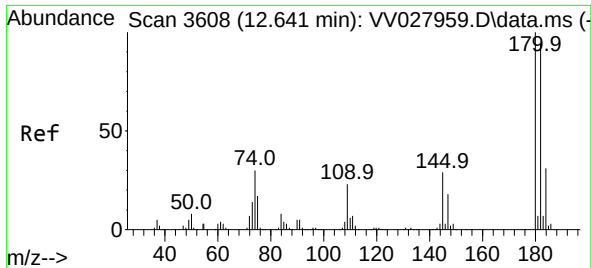
Tgt Ion:146 Resp: 652959
Ion Ratio Lower Upper
146 100
111 40.6 32.3 48.5
148 63.5 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 94.611 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV027960.D
Acq: 20 Sep 2022 13:43

Tgt Ion: 75 Resp: 127926
Ion Ratio Lower Upper
75 100
155 85.6 68.3 102.5
157 109.6 86.2 129.2

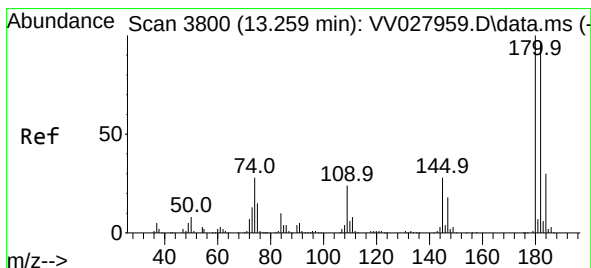
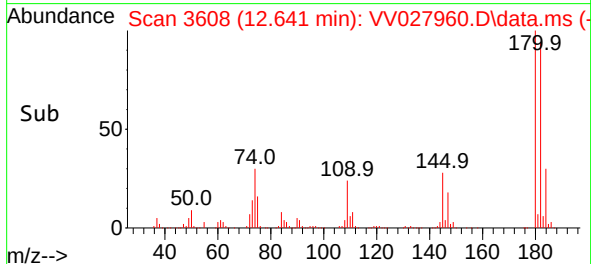
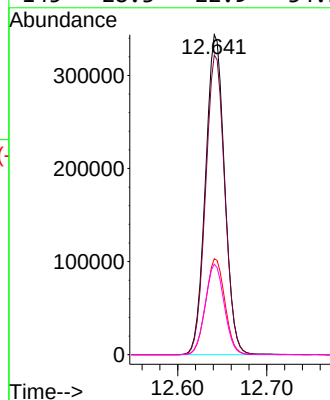
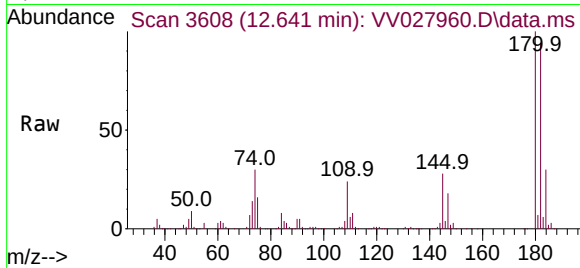




#69
 1,3,5-Trichlorobenzene
 Concen: 113.327 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. -0.000 min
 Lab File: VV027960.D
 Acq: 20 Sep 2022 13:43

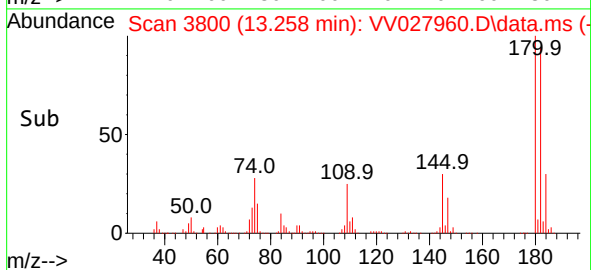
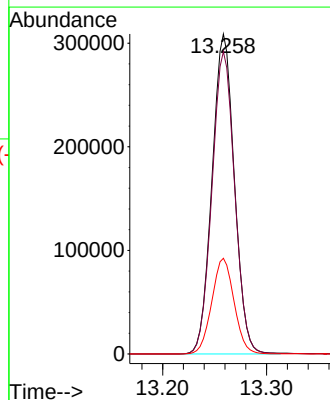
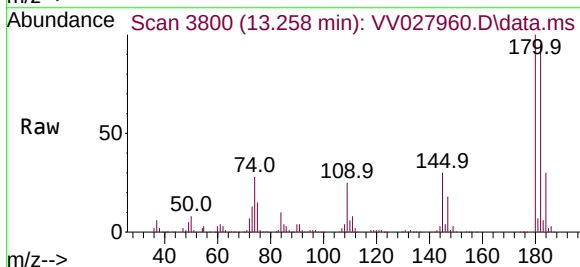
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100261

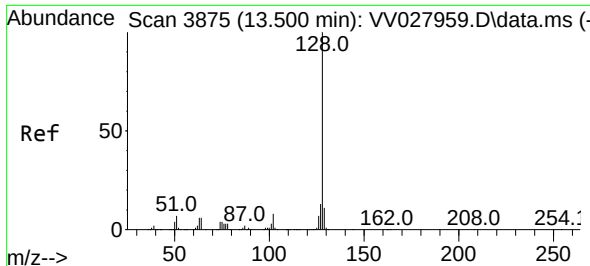
Tgt Ion:180	Resp:	509964
Ion Ratio	Lower	Upper
180	100	
182	94.4	75.4 113.0
184	30.1	24.2 36.2
145	28.3	22.9 34.3



#70
 1,2,4-trichlorobenzene
 Concen: 120.988 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV027960.D
 Acq: 20 Sep 2022 13:43

Tgt Ion:180	Resp:	461137
Ion Ratio	Lower	Upper
180	100	
182	95.9	77.0 115.6
145	29.8	22.8 34.2

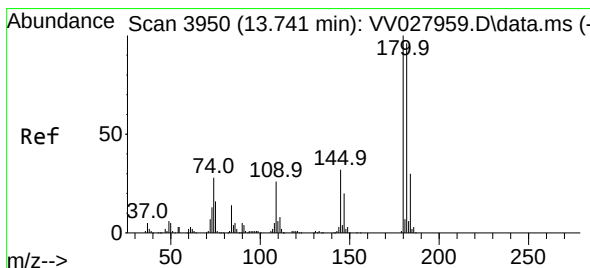
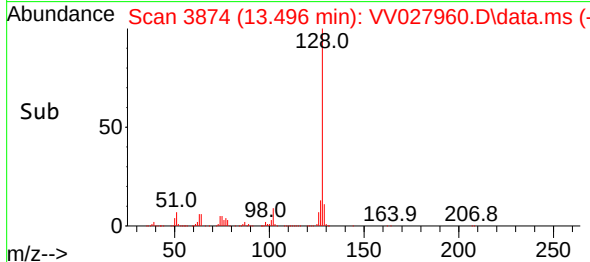
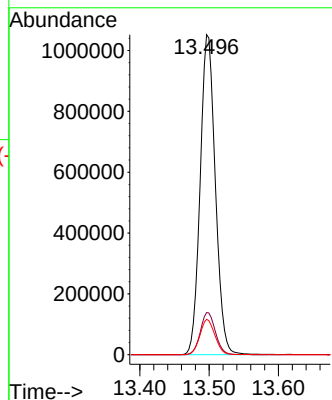
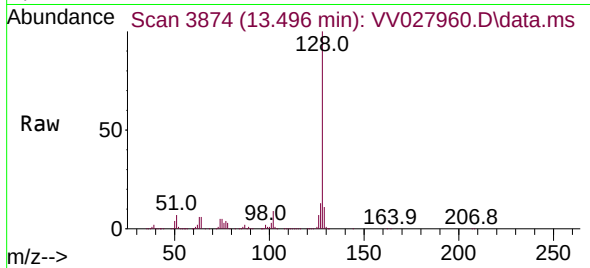




#71
Naphthalene
Concen: 124.356 ug/L
RT: 13.496 min Scan# 3874
Delta R.T. -0.003 min
Lab File: VV027960.D
Acq: 20 Sep 2022 13:43

Instrument :
MSVOA_V
ClientSampleId :
VSTD100261

Tgt Ion:128 Resp: 1600997
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 116.812 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV027960.D
Acq: 20 Sep 2022 13:43

Tgt Ion:180 Resp: 480592
Ion Ratio Lower Upper
180 100
182 95.4 77.0 115.4
145 31.6 25.1 37.7

