

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062922\
 Data File : VW026594.D
 Acq On : 29 Jun 2022 12:14
 Operator : SY/MD
 Sample : VSTD10028
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100228

Quant Time: Jun 29 12:44:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 29 12:21:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	333135	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	334061	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	192775	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	378393	86.711	ug/L	0.00
7) Chloroethane-d5	1.581	69	316470	83.306	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.121	63	670807	88.789	ug/L	0.00
21) 2-Butanone-d5	3.912	46	389384	209.267	ug/L	0.00
24) Chloroform-d	4.359	84	683886	106.672	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	386789	100.951	ug/L	0.00
32) Benzene-d6	5.056	84	1402998	111.393	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	424965	110.470	ug/L	0.00
41) Toluene-d8	7.317	98	1311993	113.221	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	183458	109.133	ug/L	0.00
47) 2-Hexanone-d5	8.091	63	308841	229.266	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	577263	111.854	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	493777	108.342	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.143	85	248398	78.365	ug/L	100
3) Chloromethane	1.253	50	294041	75.978	ug/L	98
5) Vinyl chloride	1.323	62	318017	80.657	ug/L	99
6) Bromomethane	1.536	94	193120	81.139	ug/L	99
8) Chloroethane	1.597	64	204813	71.130	ug/L	98
9) Trichlorofluoromethane	1.764	101	442689	78.854	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	266153	88.614	ug/L	98
12) 1,1-Dichloroethene	2.130	96	260065	87.789	ug/L	94
14) Carbon disulfide	2.304	76	746990	100.378	ug/L	100
15) Methyl Acetate	2.452	43	211351	84.367	ug/L	95
16) Methylene chloride	2.519	84	288678	98.609	ug/L	93
17) trans-1,2-Dichloroethene	2.770	96	266500	103.135	ug/L	96
18) Methyl tert-butyl Ether	2.783	73	744762	100.609	ug/L	97
19) 1,1-Dichloroethane	3.201	63	467536	97.278	ug/L	99
20) cis-1,2-Dichloroethene	3.921	96	289214	104.027	ug/L	93
22) 2-Butanone	3.995	43	265027	171.302	ug/L	95
23) Bromochloromethane	4.259	128	154413	104.274	ug/L	90
25) Chloroform	4.384	83	497926	97.283	ug/L	100
27) 1,2-Dichloroethane	5.137	62	350409	92.227	ug/L	96
29) Cyclohexane	4.686	56	399058	105.405	ug/L	98
30) 1,1,1-Trichloroethane	4.616	97	430812	99.226	ug/L	96
31) Carbon tetrachloride	4.834	117	375847	103.085	ug/L	99
33) Benzene	5.104	78	1111315	103.177	ug/L	100
34) Trichloroethene	5.918	95	268951	96.554	ug/L	97
35) Methylcyclohexane	6.137	83	465701	111.425	ug/L	96
37) 1,2-Dichloropropane	6.175	63	280421	104.573	ug/L	99
38) Bromodichloromethane	6.513	83	360774	99.577	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	425890	111.856	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	575936	190.020	ug/L	93
42) Toluene	7.387	91	1221100	106.093	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	389141	106.237	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	281000	102.191	ug/L	98

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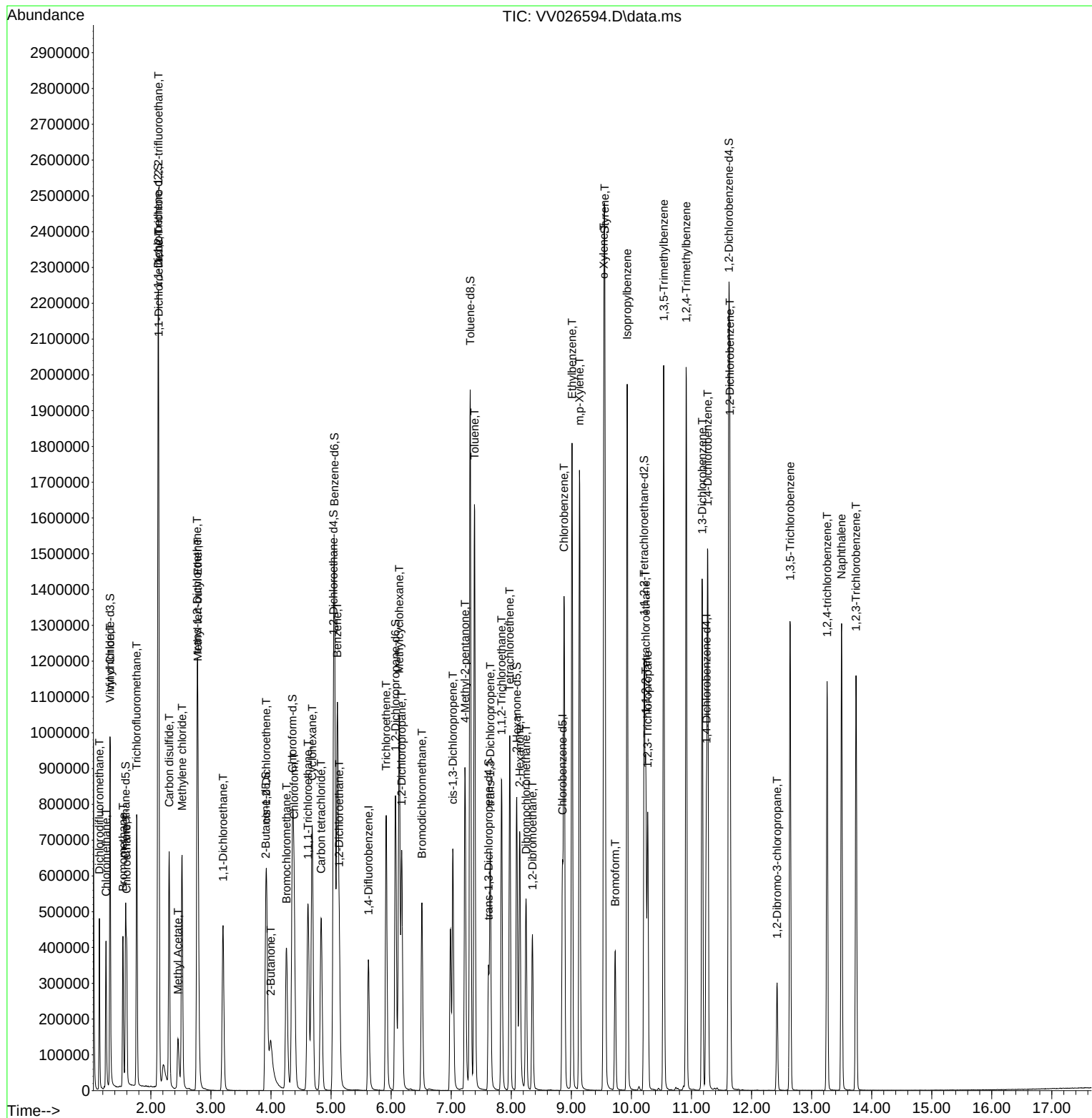
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	7.976	164	223855	107.430	ug/L	98
48) 2-Hexanone	8.140	43	443709	187.609	ug/L	93
49) Dibromochloromethane	8.246	129	284335	104.910	ug/L	98
50) 1,2-Dibromoethane	8.352	107	289713	103.776	ug/L	98
51) Chlorobenzene	8.879	112	764040	103.563	ug/L	98
52) Ethylbenzene	9.011	91	1252703	107.063	ug/L	99
53) m,p-Xylene	9.136	106	506719	111.126	ug/L	95
54) o-Xylene	9.542	106	486236	108.823	ug/L	98
55) Styrene	9.558	104	868579	111.590	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	433450	105.440	ug/L	100
59) Bromoform	9.731	173	173160	98.915	ug/L	98
60) Isopropylbenzene	9.931	105	1254280	103.017	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	311118	86.284	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	1043792	154.941	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	1053345	108.710	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	596111	101.750	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	610647	99.734	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	594867	98.114	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	72062	88.834	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	404660	100.907	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	345451	102.254	ug/L	99
71) Naphthalene	13.500	128	1014233	103.715	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	347493	100.918	ug/L	99

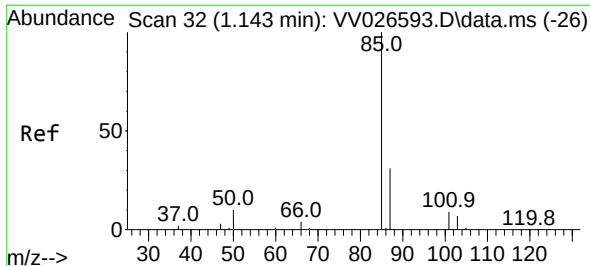
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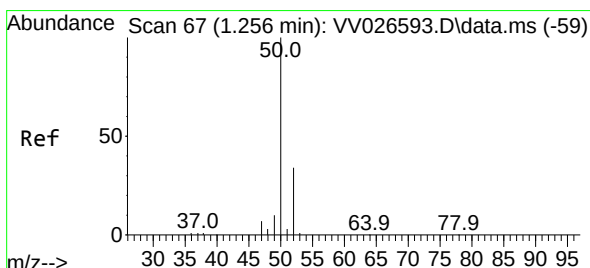
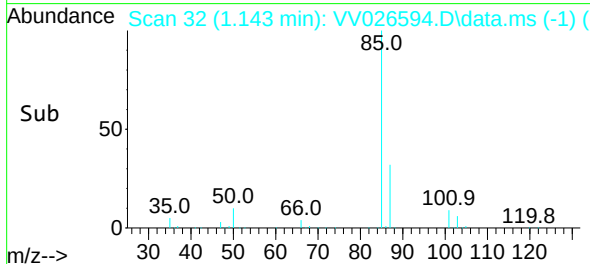
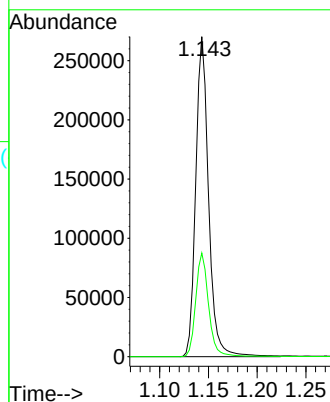
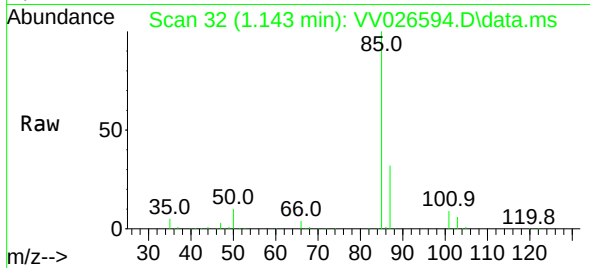




#2
 Dichlorodifluoromethane
 Concen: 78.365 ug/L
 RT: 1.143 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV026594.D
 Acq: 29 Jun 2022 12:14

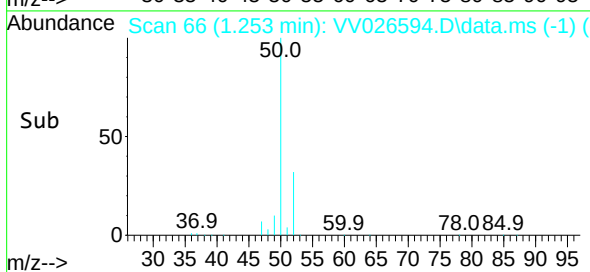
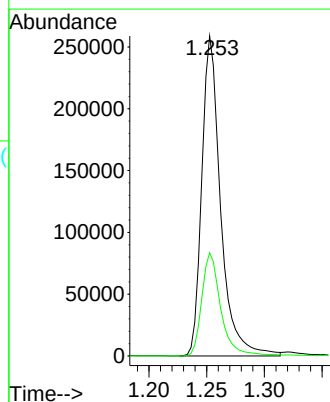
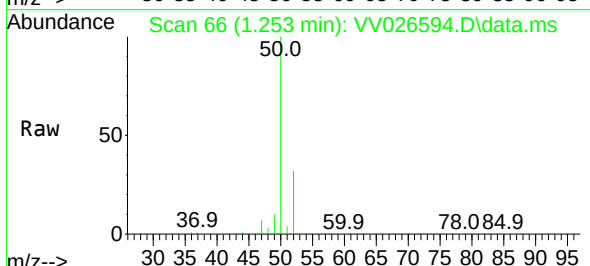
Instrument :
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 ClientSampleId :
 VSTD100228

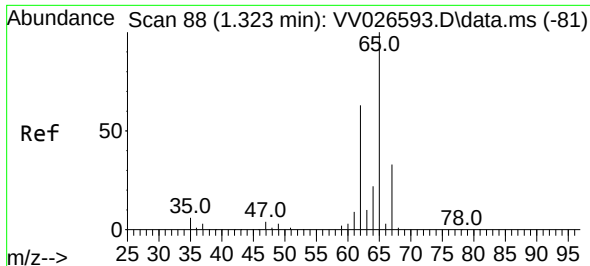
Tgt Ion: 85 Resp: 248398
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.0 39.0



#3
 Chloromethane
 Concen: 75.978 ug/L
 RT: 1.253 min Scan# 66
 Delta R.T. -0.003 min
 Lab File: VV026594.D
 Acq: 29 Jun 2022 12:14

Tgt Ion: 50 Resp: 294041
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.2 43.2

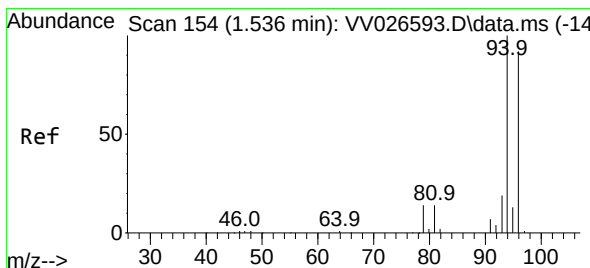
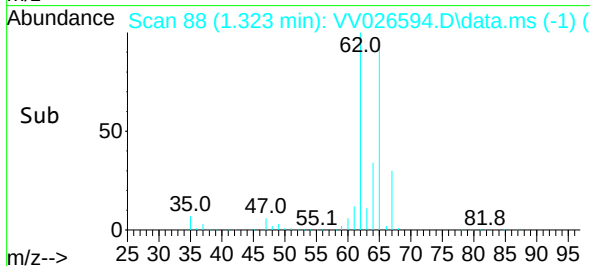
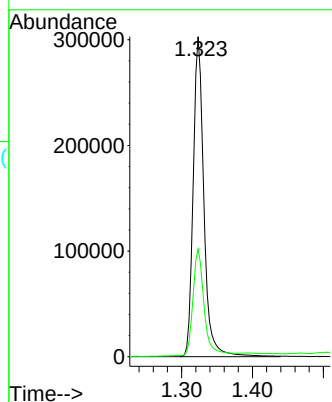
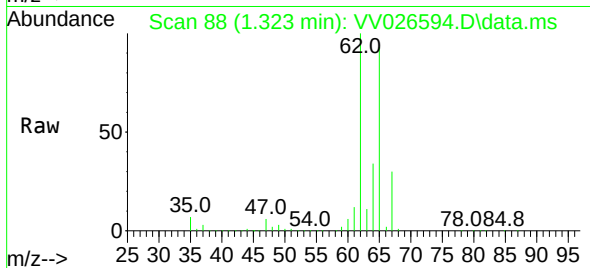




#5
 Vinyl chloride
 Concen: 80.657 ug/L
 RT: 1.323 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV026594.D
 Acq: 29 Jun 2022 12:14

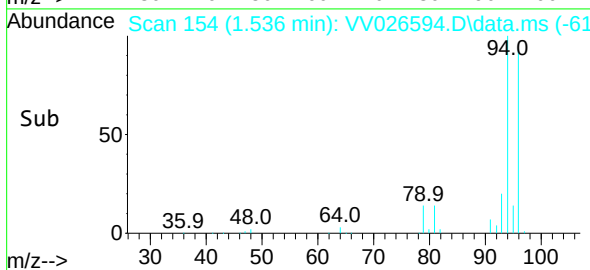
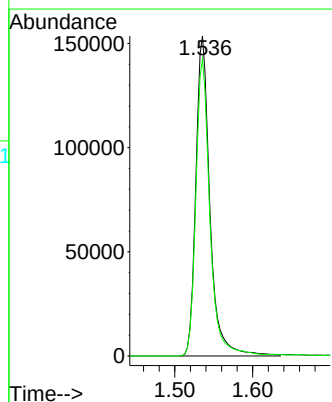
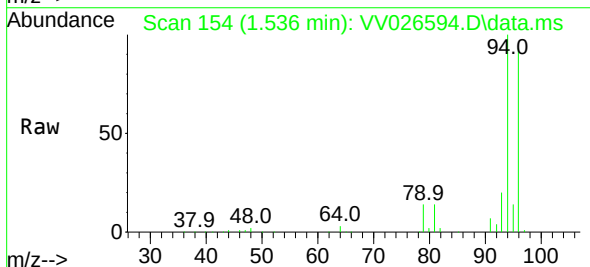
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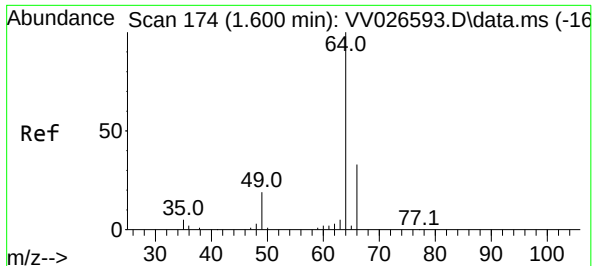
Tgt Ion: 62 Resp: 318017
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.2 43.0



#6
 Bromomethane
 Concen: 81.139 ug/L
 RT: 1.536 min Scan# 154
 Delta R.T. -0.000 min
 Lab File: VV026594.D
 Acq: 29 Jun 2022 12:14

Tgt Ion: 94 Resp: 193120
 Ion Ratio Lower Upper
 94 100
 96 92.9 65.9 122.3

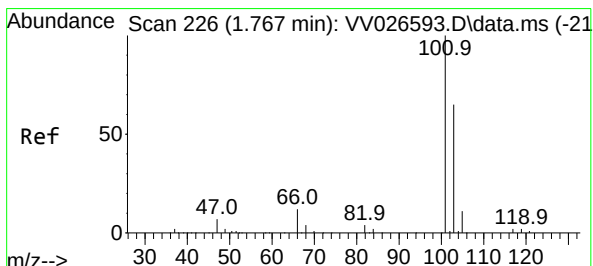
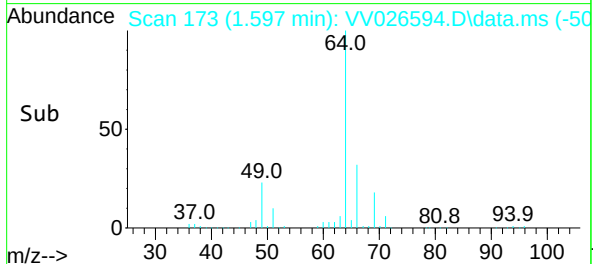
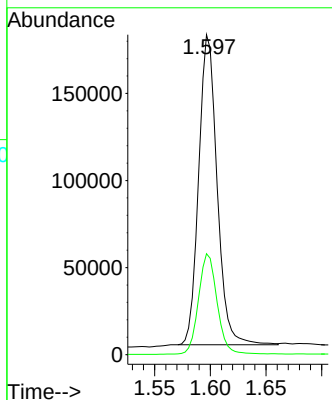
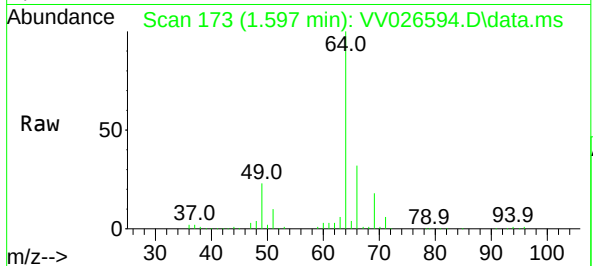




#8
Chloroethane
Concen: 71.130 ug/L
RT: 1.597 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV026594.D
Acq: 29 Jun 2022 12:14

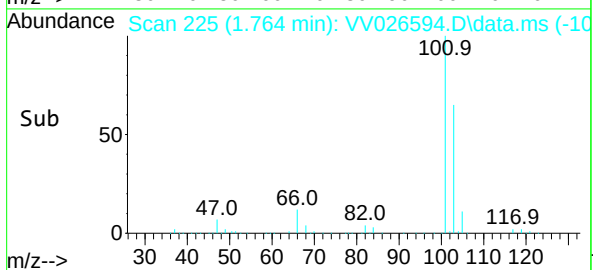
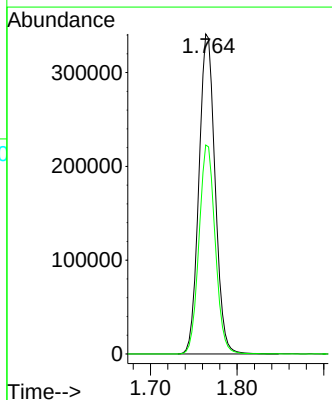
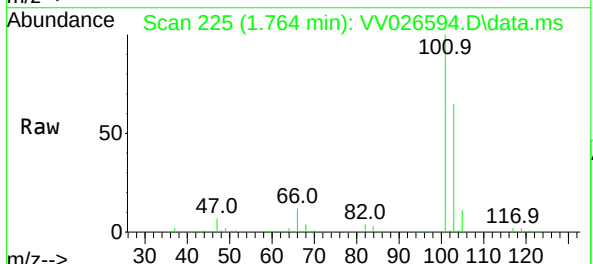
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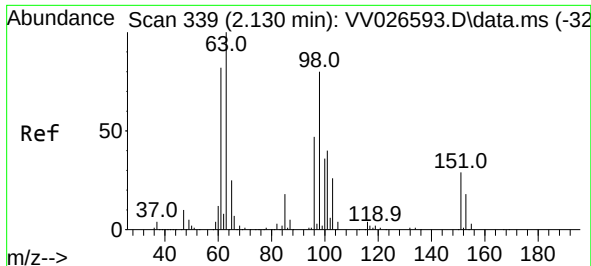
Tgt Ion: 64 Resp: 204813
Ion Ratio Lower Upper
64 100
66 31.6 22.9 42.5



#9
Trichlorofluoromethane
Concen: 78.854 ug/L
RT: 1.764 min Scan# 225
Delta R.T. -0.003 min
Lab File: VV026594.D
Acq: 29 Jun 2022 12:14

Tgt Ion:101 Resp: 442689
Ion Ratio Lower Upper
101 100
103 65.3 51.5 77.3

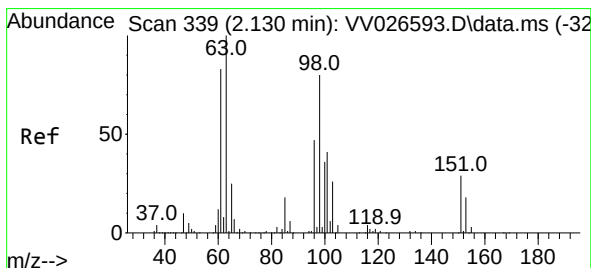
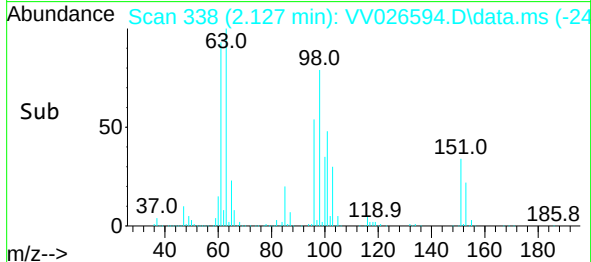
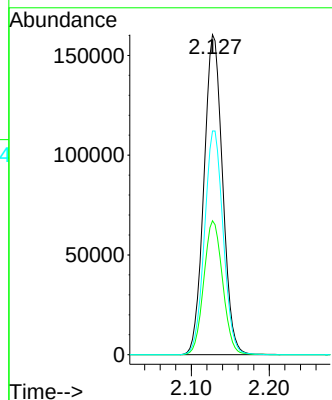
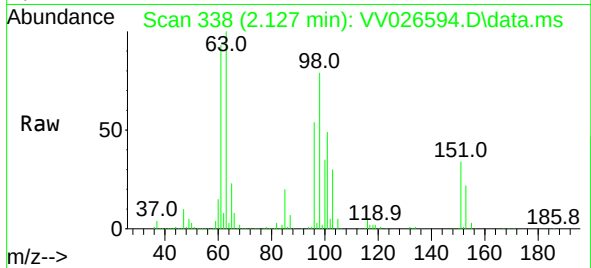




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 88.614 ug/L
 RT: 2.127 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV026594.D
 Acq: 29 Jun 2022 12:14

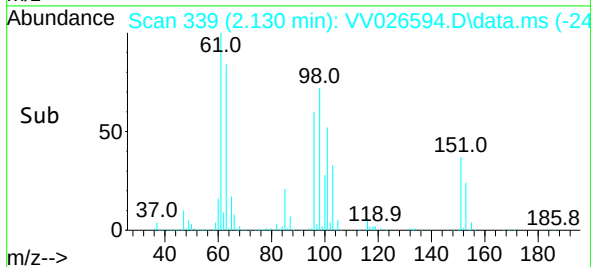
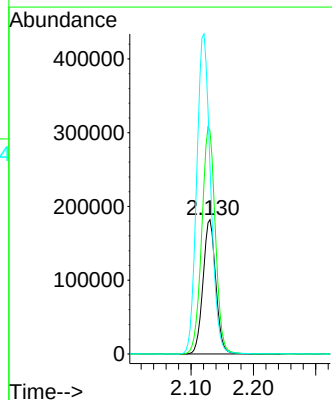
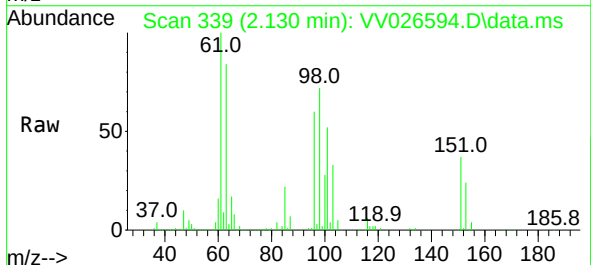
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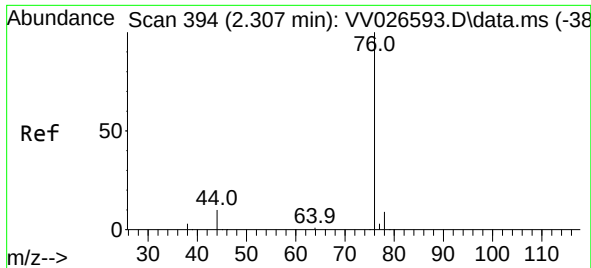
Tgt Ion:101 Resp: 266153
 Ion Ratio Lower Upper
 101 100
 85 42.3 34.6 51.8
 151 70.2 54.3 81.5



#12
 1,1-Dichloroethene
 Concen: 87.789 ug/L
 RT: 2.130 min Scan# 339
 Delta R.T. -0.000 min
 Lab File: VV026594.D
 Acq: 29 Jun 2022 12:14

Tgt Ion: 96 Resp: 260065
 Ion Ratio Lower Upper
 96 100
 61 166.4 124.6 231.4
 63 140.2 101.6 188.6

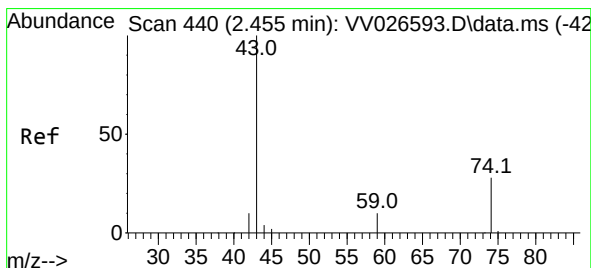
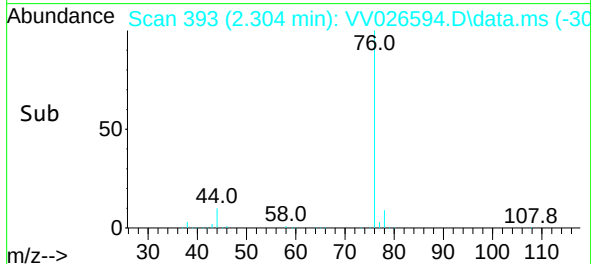
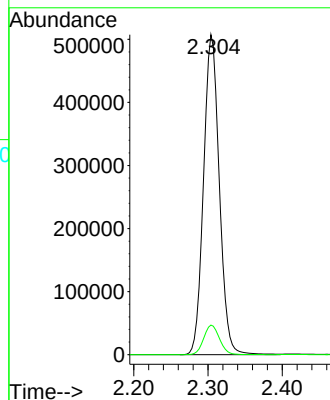
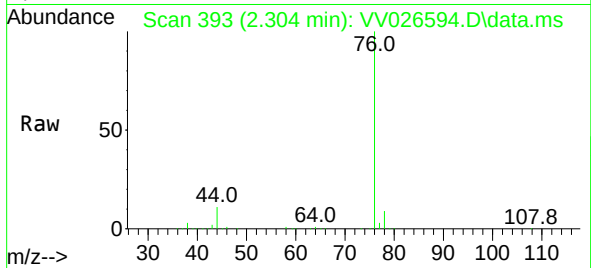




#14
Carbon disulfide
Concen: 100.378 ug/L
RT: 2.304 min Scan# 394
Delta R.T. -0.003 min
Lab File: VV026594.D
Acq: 29 Jun 2022 12:14

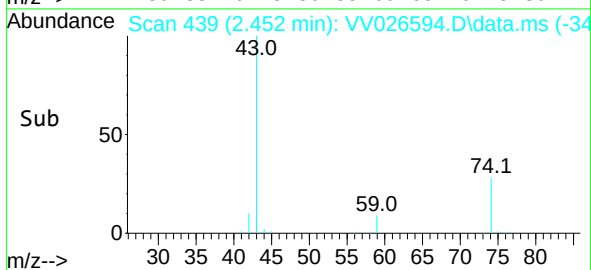
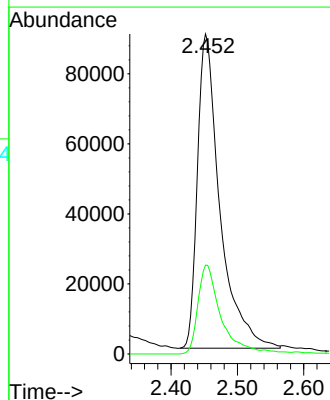
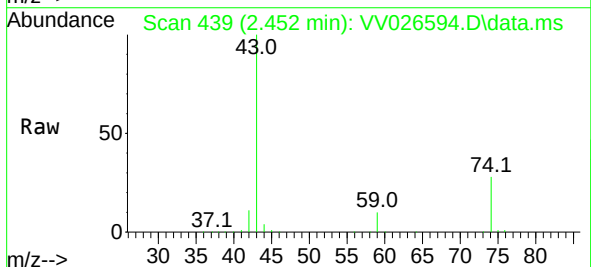
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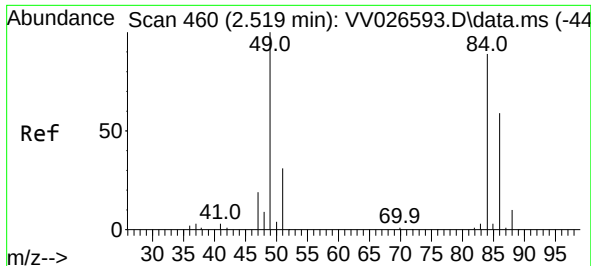
Tgt Ion: 76 Resp: 746990
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#15
Methyl Acetate
Concen: 84.367 ug/L
RT: 2.452 min Scan# 439
Delta R.T. -0.003 min
Lab File: VV026594.D
Acq: 29 Jun 2022 12:14

Tgt Ion: 43 Resp: 211351
Ion Ratio Lower Upper
43 100
74 28.2 20.7 31.1

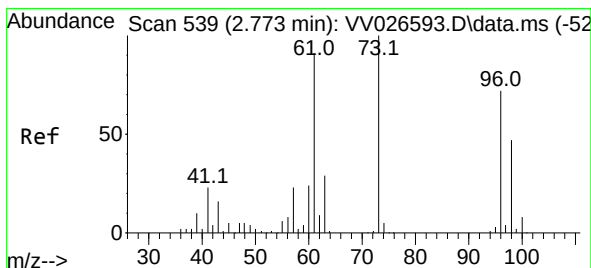
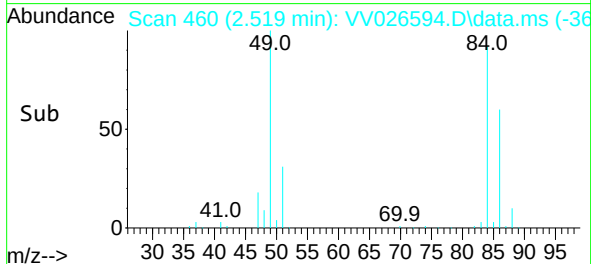
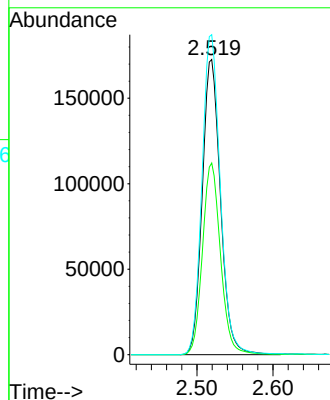
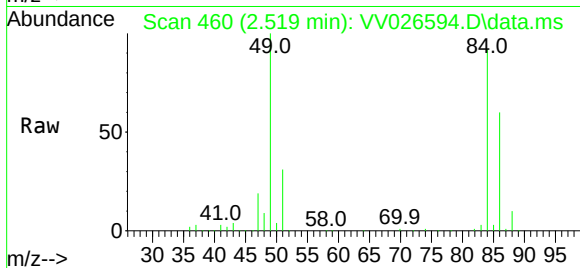




#16
Methylene chloride
Concen: 98.609 ug/L
RT: 2.519 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV026594.D
Acq: 29 Jun 2022 12:14

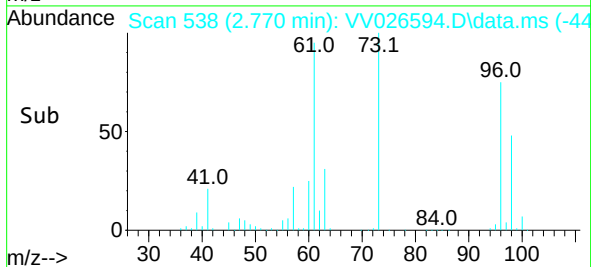
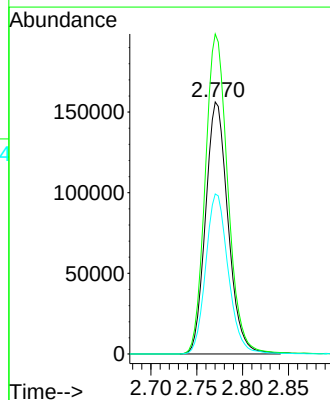
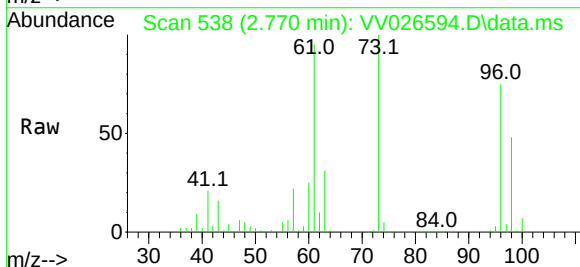
Instrument :
MSVOA_V
ClientSampleId :
VSTD100228

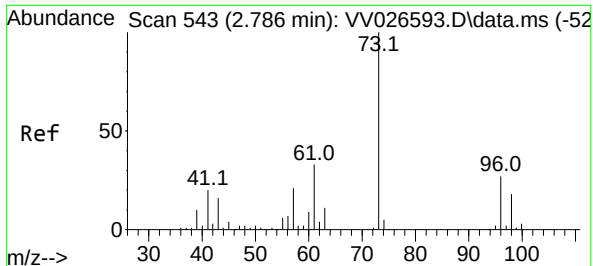
Tgt Ion: 84 Resp: 288678
Ion Ratio Lower Upper
84 100
86 64.9 44.2 82.0
49 108.4 82.7 153.5



#17
trans-1,2-Dichloroethene
Concen: 103.135 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.003 min
Lab File: VV026594.D
Acq: 29 Jun 2022 12:14

Tgt Ion: 96 Resp: 266500
Ion Ratio Lower Upper
96 100
61 127.0 92.7 172.1
98 63.5 43.1 80.1

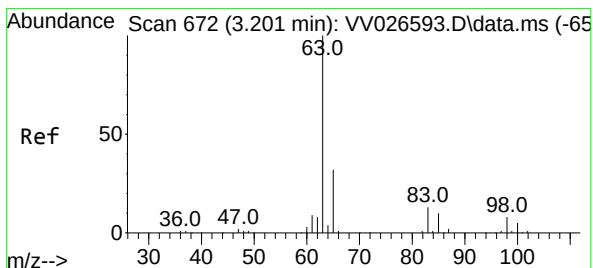
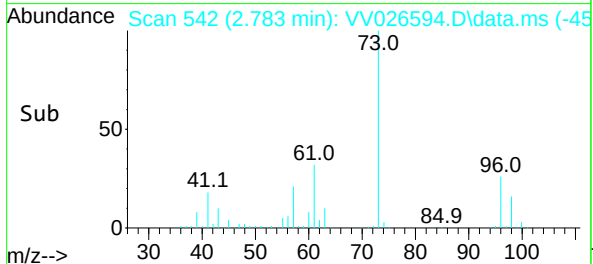
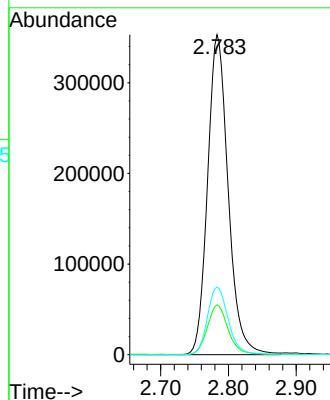
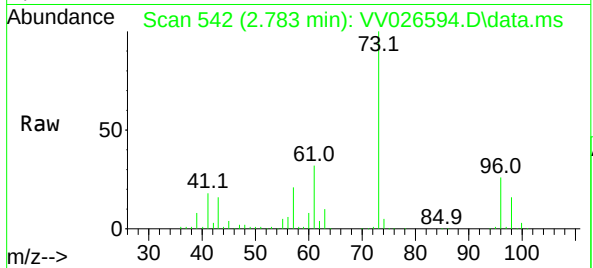




#18
Methyl tert-butyl Ether
Concen: 100.609 ug/L
RT: 2.783 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV026594.D
Acq: 29 Jun 2022 12:14

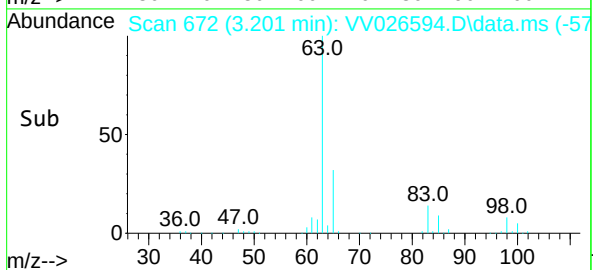
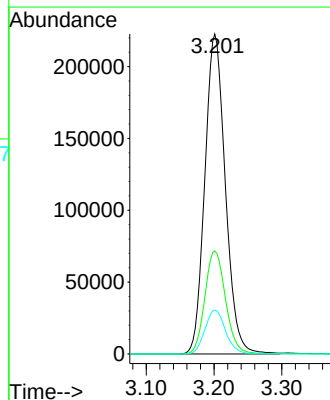
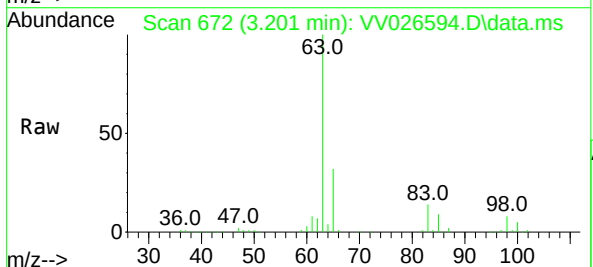
Instrument :
MSVOA_V
ClientSampleId :
VSTD100228

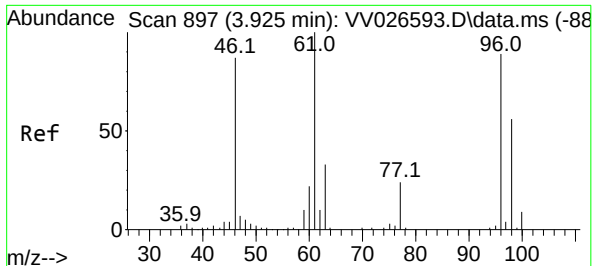
Tgt Ion: 73 Resp: 744762
Ion Ratio Lower Upper
73 100
43 15.5 14.6 22.0
57 21.5 17.5 26.3



#19
1,1-Dichloroethane
Concen: 97.278 ug/L
RT: 3.201 min Scan# 672
Delta R.T. -0.000 min
Lab File: VV026594.D
Acq: 29 Jun 2022 12:14

Tgt Ion: 63 Resp: 467536
Ion Ratio Lower Upper
63 100
65 32.2 22.0 40.8
83 13.7 9.2 17.0



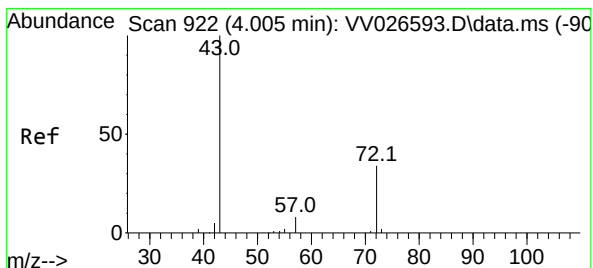
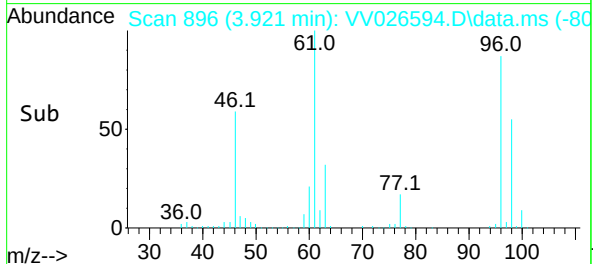
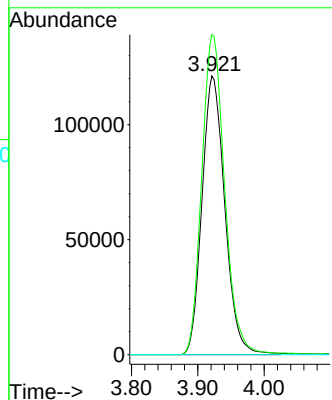
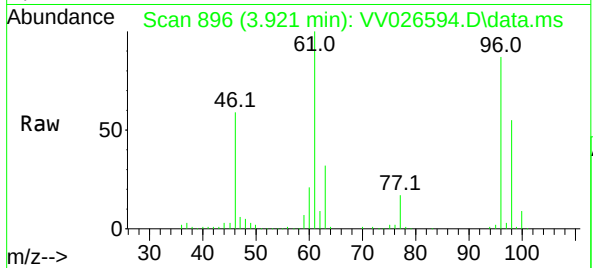


#20
 cis-1,2-Dichloroethene
 Concen: 104.027 ug/L
 RT: 3.921 min Scan# 897
 Delta R.T. -0.003 min
 Lab File: VV026594.D
 Acq: 29 Jun 2022 12:14

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100228

Tgt Ion: 96 Resp: 289214

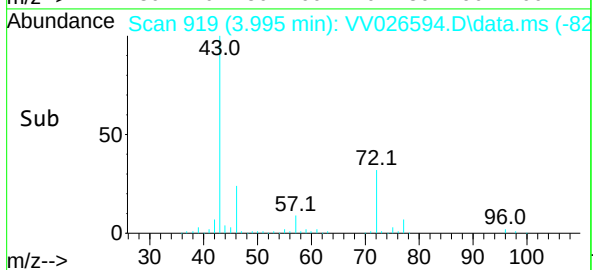
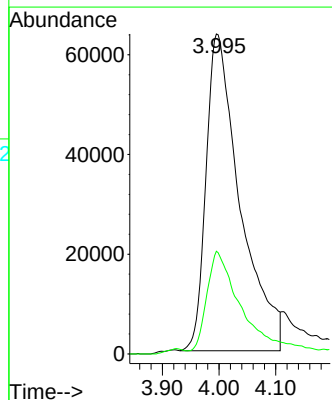
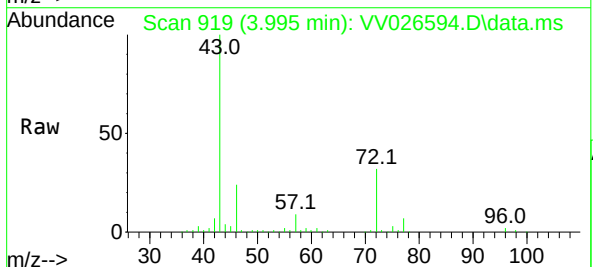
Ion	Ratio	Lower	Upper
96	100		
61	114.8	86.0	159.6
68	0.0	0.0	0.0

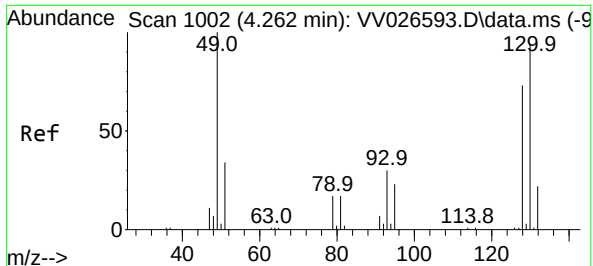


#22
 2-Butanone
 Concen: 171.302 ug/L
 RT: 3.995 min Scan# 919
 Delta R.T. -0.010 min
 Lab File: VV026594.D
 Acq: 29 Jun 2022 12:14

Tgt Ion: 43 Resp: 265027

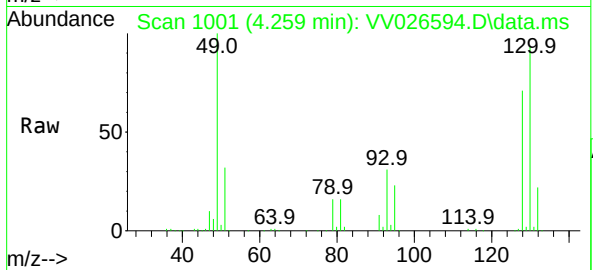
Ion	Ratio	Lower	Upper
43	100		
72	30.2	13.8	41.4



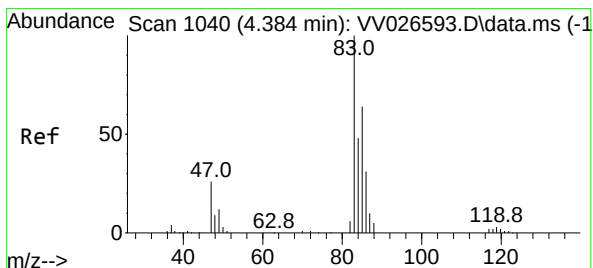
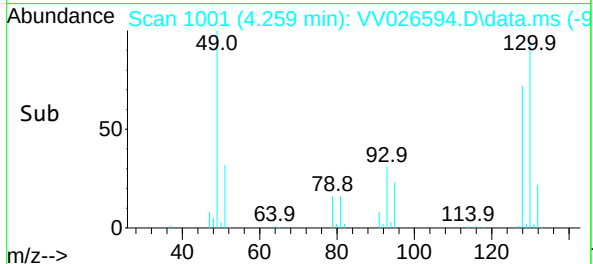
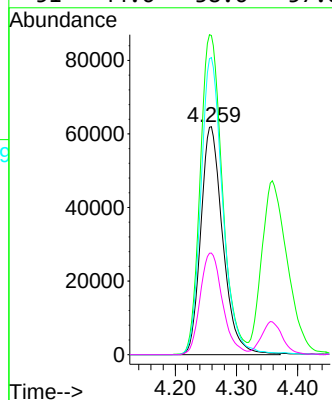


#23
Bromochloromethane
Concen: 104.274 ug/L
RT: 4.259 min Scan# 1001
Delta R.T. -0.003 min
Lab File: VV026594.D
Acq: 29 Jun 2022 12:14

Instrument :
MSVOA_V
ClientSampleId :
VSTD100228

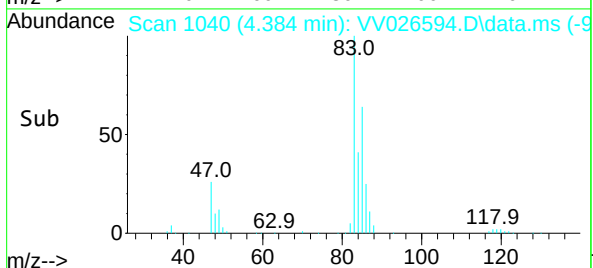
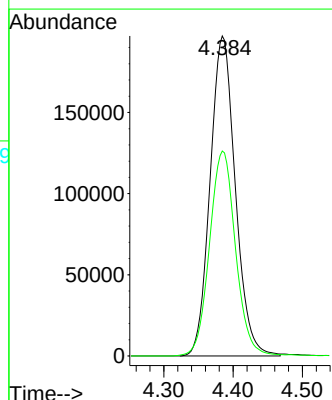
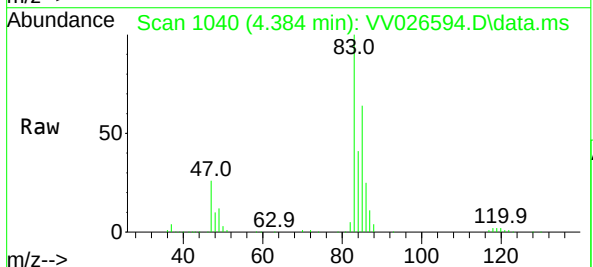


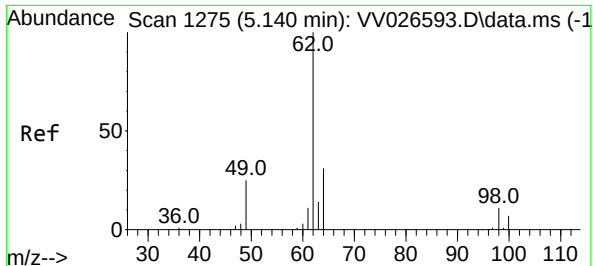
Tgt Ion:128 Resp: 154413
Ion Ratio Lower Upper
128 100
49 140.0 111.0 206.2
130 130.3 87.1 161.7
51 44.6 38.6 57.8



#25
Chloroform
Concen: 97.283 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VV026594.D
Acq: 29 Jun 2022 12:14

Tgt Ion: 83 Resp: 497926
Ion Ratio Lower Upper
83 100
85 64.1 44.9 83.3





#27

1,2-Dichloroethane

Concen: 92.227 ug/L

RT: 5.137 min Scan# 1127

Delta R.T. -0.003 min

Lab File: VV026594.D

Acq: 29 Jun 2022 12:14

Instrument :

MSVOA_V

ClientSampleId :

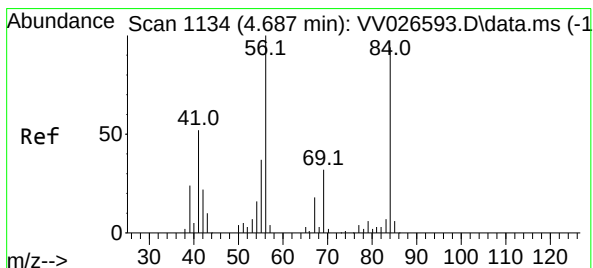
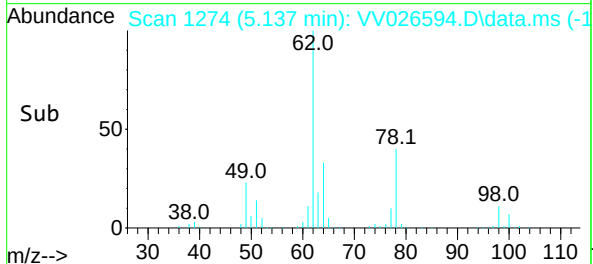
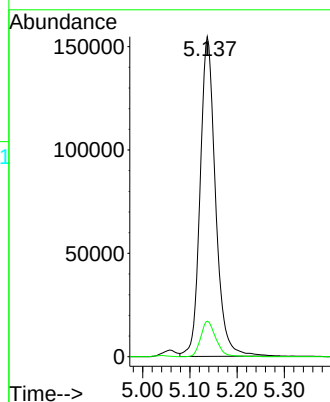
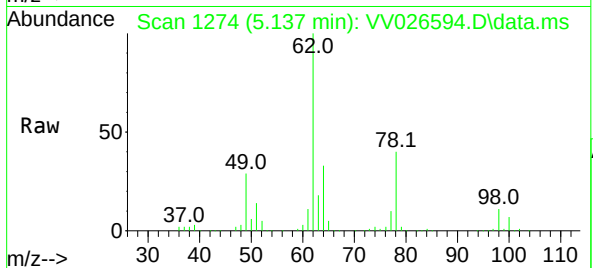
VSTD100228

Tgt Ion: 62 Resp: 350409

Ion Ratio Lower Upper

62 100

98 11.1 7.7 11.5



#29

Cyclohexane

Concen: 105.405 ug/L

RT: 4.686 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VV026594.D

Acq: 29 Jun 2022 12:14

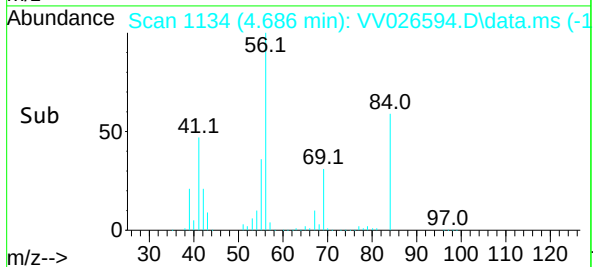
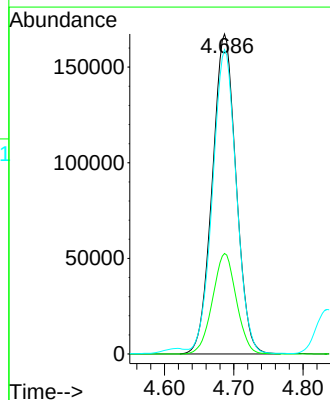
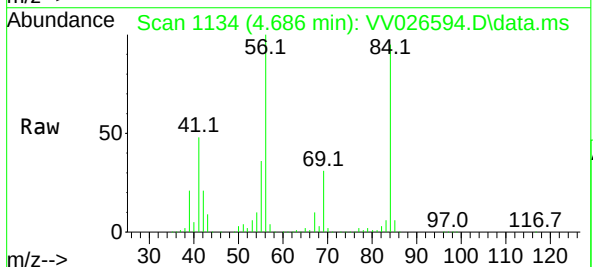
Tgt Ion: 56 Resp: 399058

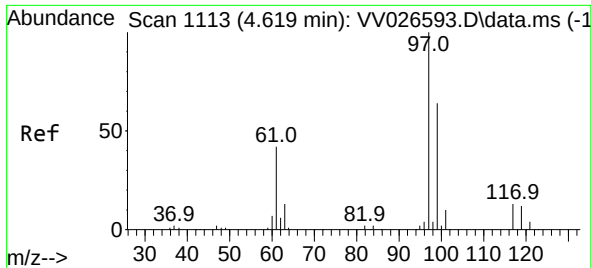
Ion Ratio Lower Upper

56 100

69 31.5 24.8 37.2

84 95.2 73.8 110.8

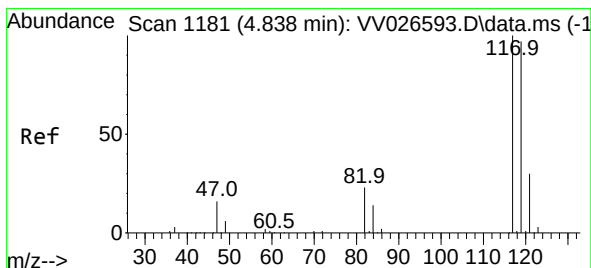
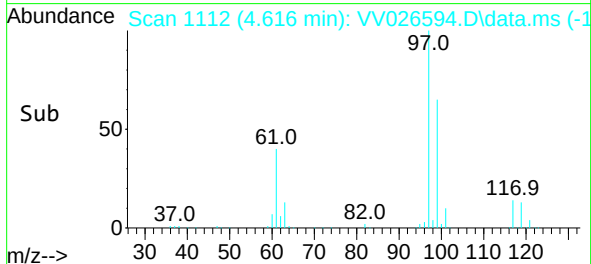
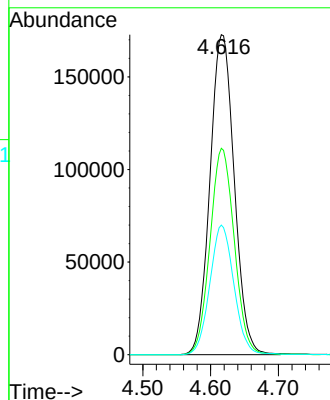
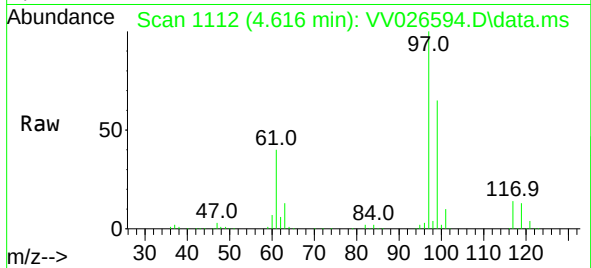




#30
1,1,1-Trichloroethane
Concen: 99.226 ug/L
RT: 4.616 min Scan# 1113
Delta R.T. -0.003 min
Lab File: VV026594.D
Acq: 29 Jun 2022 12:14

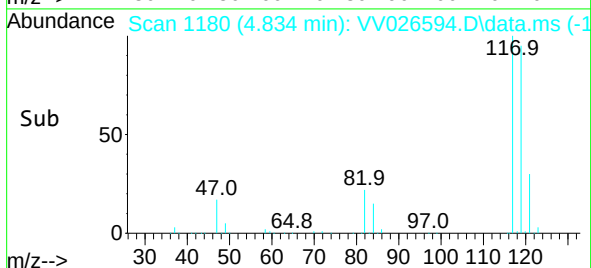
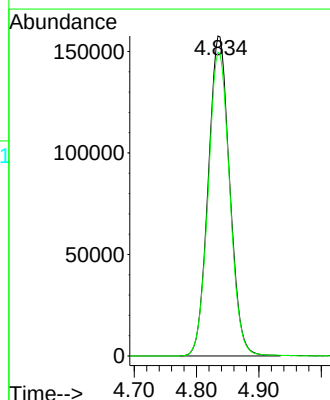
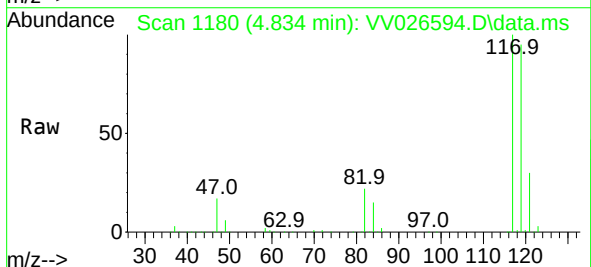
Instrument :
MSVOA_V
ClientSampleId :
VSTD100228

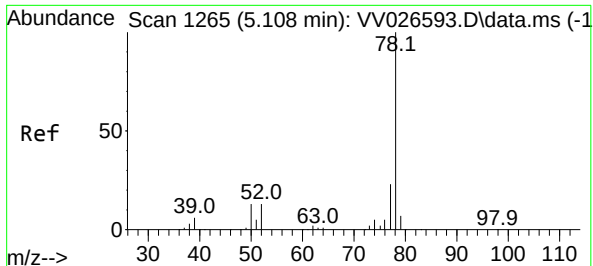
Tgt Ion: 97 Resp: 430812
Ion Ratio Lower Upper
97 100
99 64.4 52.6 78.8
61 40.2 35.6 53.4



#31
Carbon tetrachloride
Concen: 103.085 ug/L
RT: 4.834 min Scan# 1180
Delta R.T. -0.003 min
Lab File: VV026594.D
Acq: 29 Jun 2022 12:14

Tgt Ion: 117 Resp: 375847
Ion Ratio Lower Upper
117 100
119 95.6 76.9 115.3

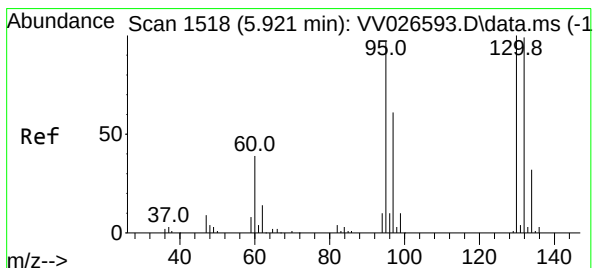
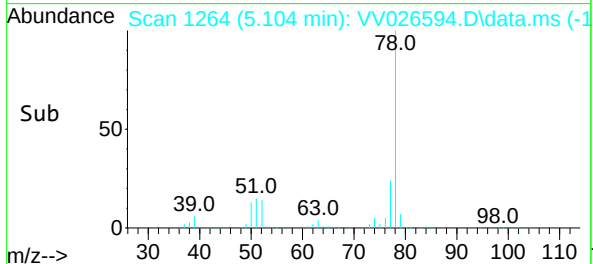
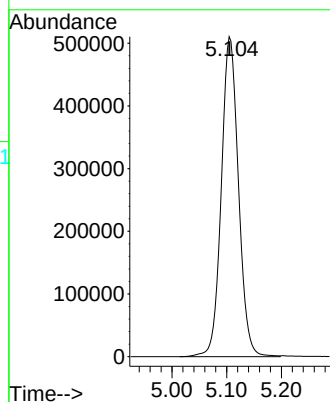
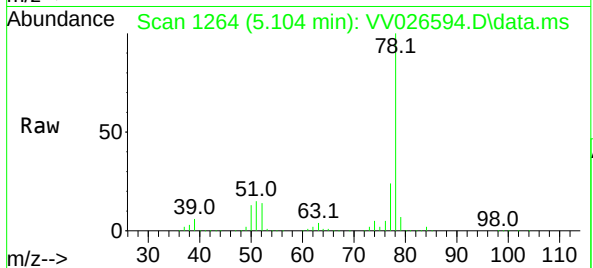




#33
Benzene
Concen: 103.177 ug/L
RT: 5.104 min Scan# 1517
Delta R.T. -0.003 min
Lab File: VV026594.D
Acq: 29 Jun 2022 12:14

Instrument :
MSVOA_V
ClientSampleId :
VSTD100228

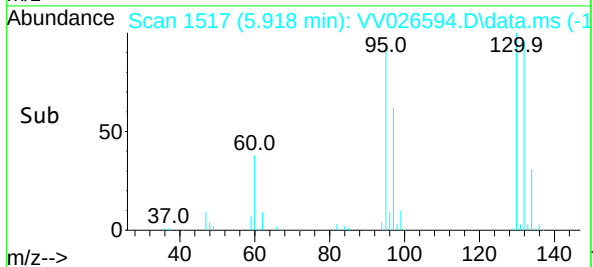
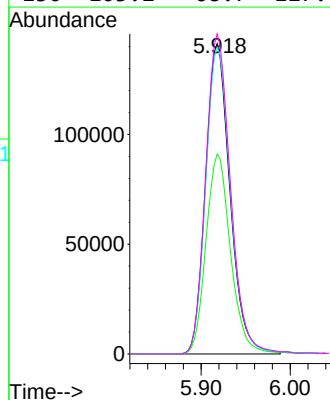
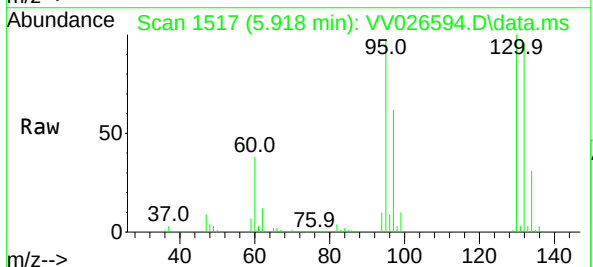
Tgt Ion: 78 Resp: 1111315

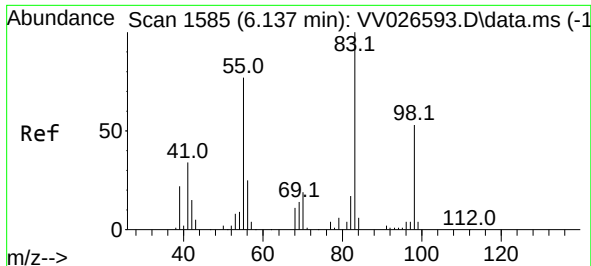


#34
Trichloroethene
Concen: 96.554 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.003 min
Lab File: VV026594.D
Acq: 29 Jun 2022 12:14

Tgt Ion: 95 Resp: 268951

Ion	Ratio	Lower	Upper
95	100		
97	64.4	44.2	82.0
132	98.9	67.7	125.7
130	103.2	68.7	127.7

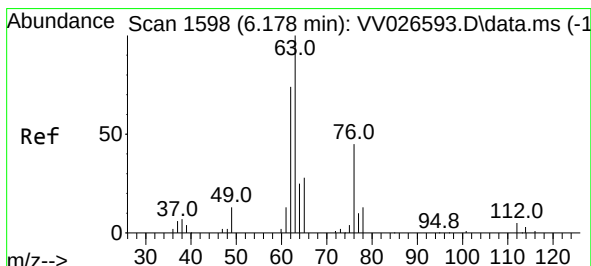
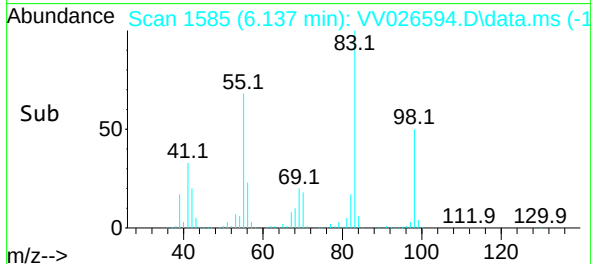
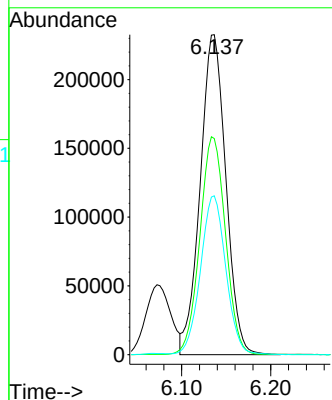
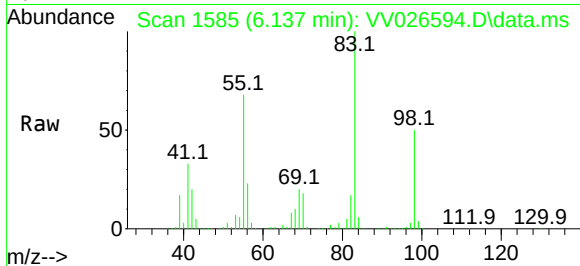




#35
Methylcyclohexane
Concen: 111.425 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VV026594.D
Acq: 29 Jun 2022 12:14

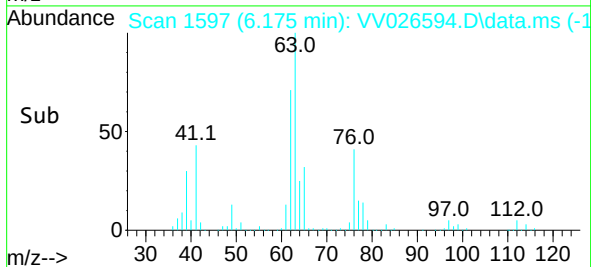
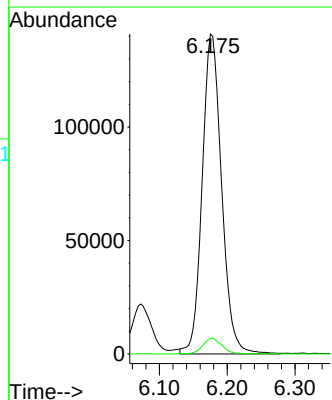
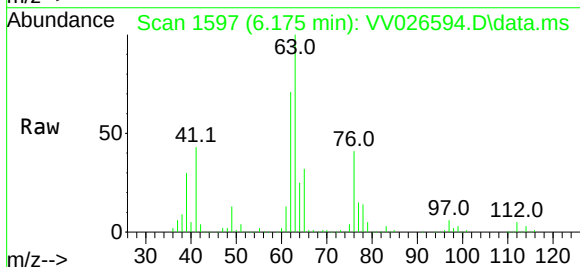
Instrument :
MSVOA_V
ClientSampleId :
VSTD100228

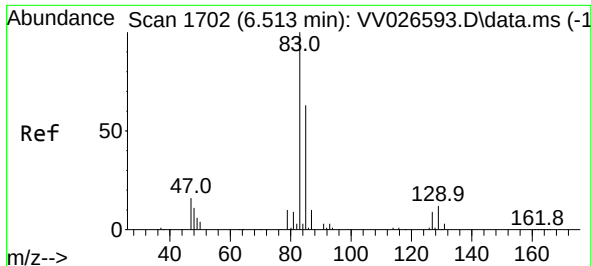
Tgt Ion: 83 Resp: 465701
Ion Ratio Lower Upper
83 100
55 67.9 58.6 87.8
98 49.1 39.1 58.7



#37
1,2-Dichloropropane
Concen: 104.573 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.003 min
Lab File: VV026594.D
Acq: 29 Jun 2022 12:14

Tgt Ion: 63 Resp: 280421
Ion Ratio Lower Upper
63 100
112 4.9 3.8 5.6

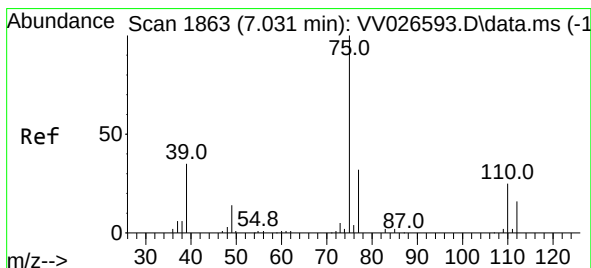
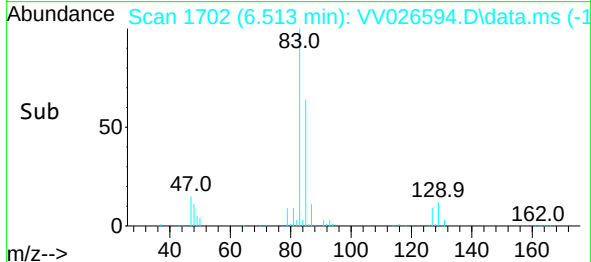
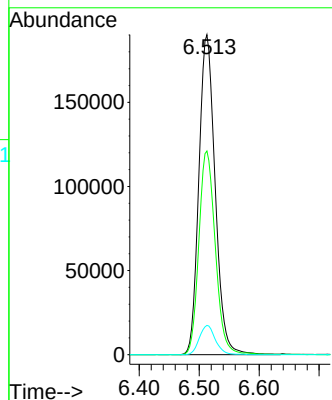
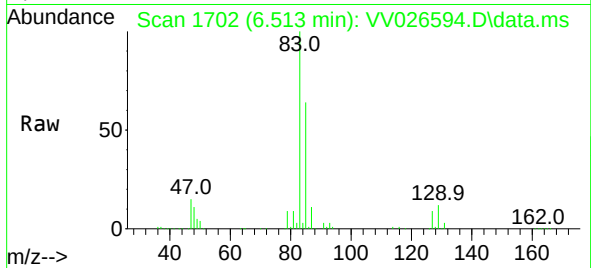




#38
Bromodichloromethane
Concen: 99.577 ug/L
RT: 6.513 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV026594.D
Acq: 29 Jun 2022 12:14

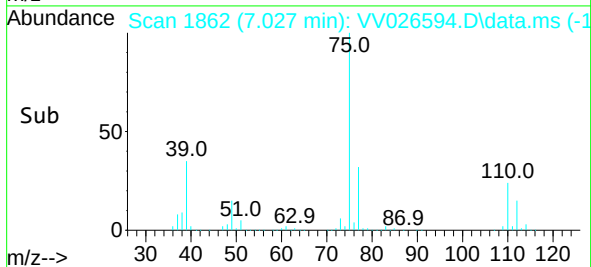
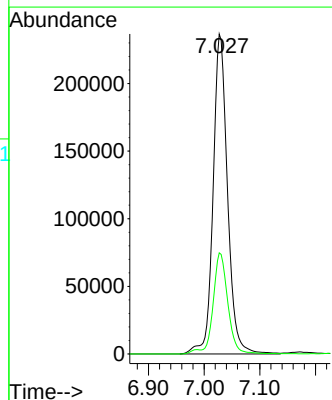
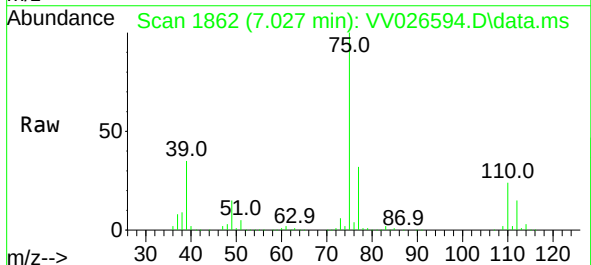
Instrument :
MSVOA_V
ClientSampleId :
VSTD100228

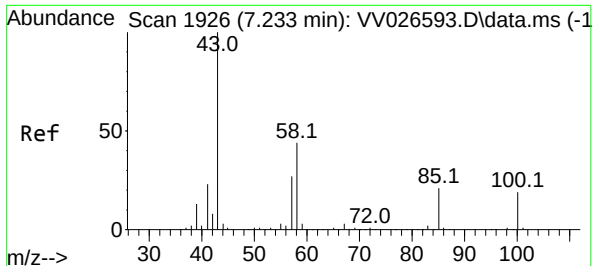
Tgt Ion: 83 Resp: 360774
Ion Ratio Lower Upper
83 100
85 63.7 46.0 85.4
127 9.2 7.3 10.9



#39
cis-1,3-Dichloropropene
Concen: 111.856 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. -0.003 min
Lab File: VV026594.D
Acq: 29 Jun 2022 12:14

Tgt Ion: 75 Resp: 425890
Ion Ratio Lower Upper
75 100
77 31.6 22.4 41.6





#40

4-Methyl-2-pentanone

Concen: 190.020 ug/L

RT: 7.230 min Scan# 1926

Delta R.T. -0.003 min

Lab File: VV026594.D

Acq: 29 Jun 2022 12:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD100228

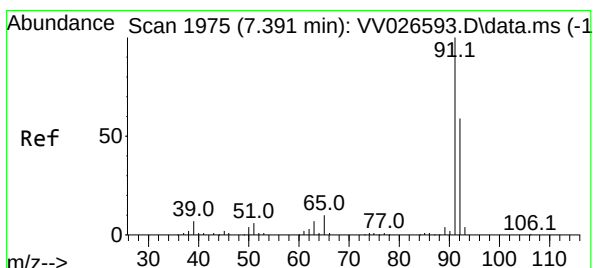
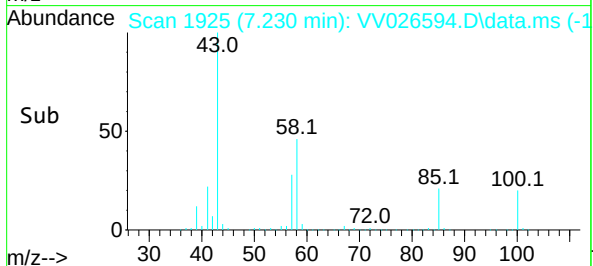
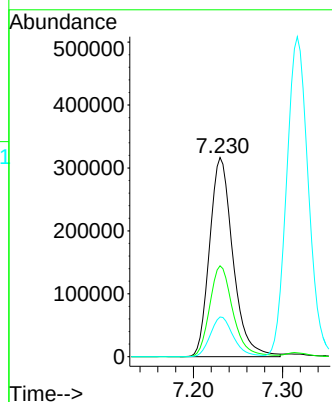
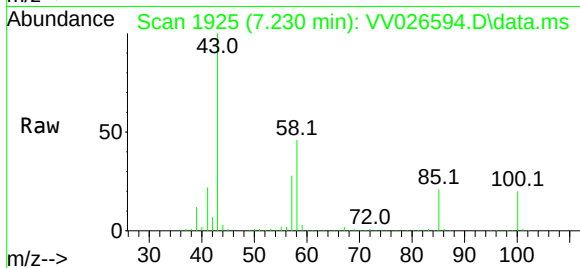
Tgt Ion: 43 Resp: 575936

Ion Ratio Lower Upper

43 100

58 45.4 32.9 49.3

100 19.6 13.7 20.5



#42

Toluene

Concen: 106.093 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV026594.D

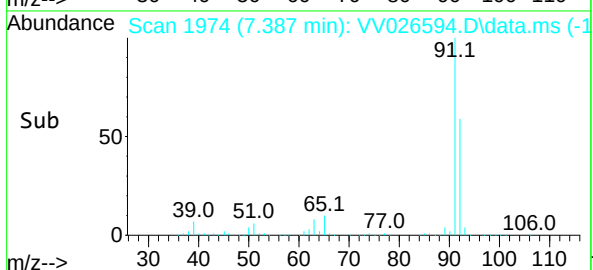
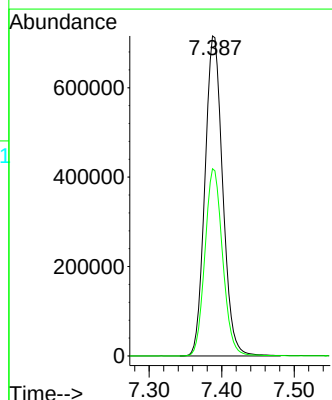
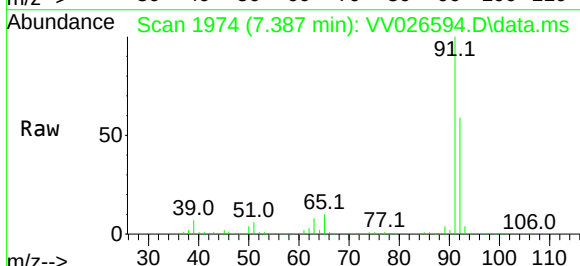
Acq: 29 Jun 2022 12:14

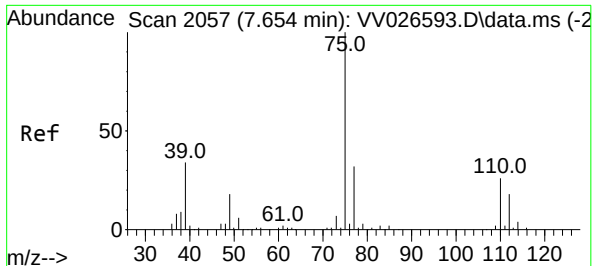
Tgt Ion: 91 Resp: 1221100

Ion Ratio Lower Upper

91 100

92 58.5 40.5 75.3

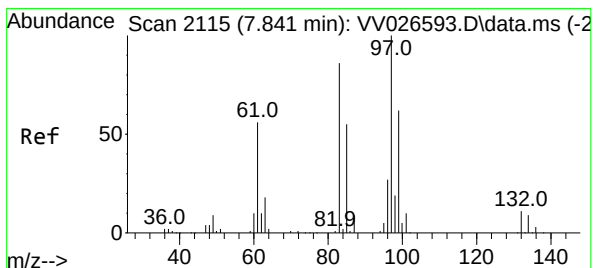
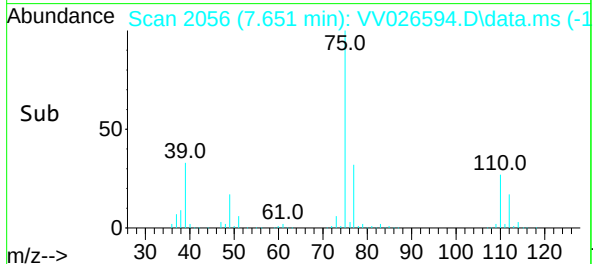
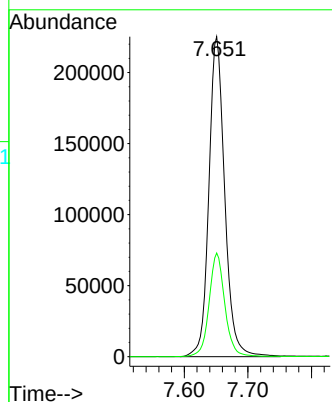
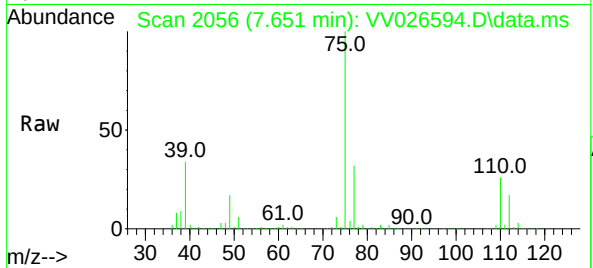




#44
trans-1,3-Dichloropropene
Concen: 106.237 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VV026594.D
Acq: 29 Jun 2022 12:14

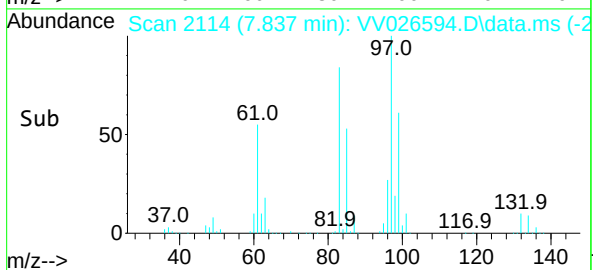
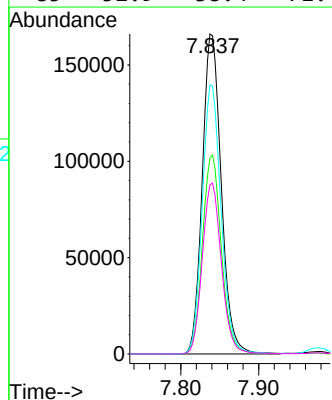
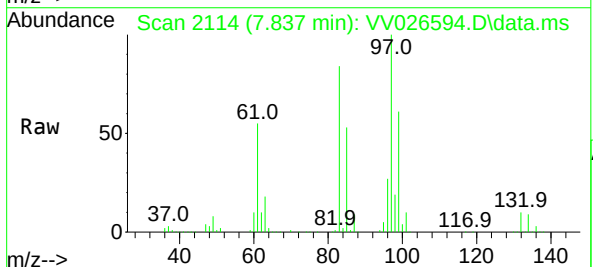
Instrument :
MSVOA_V
ClientSampleId :
VSTD100228

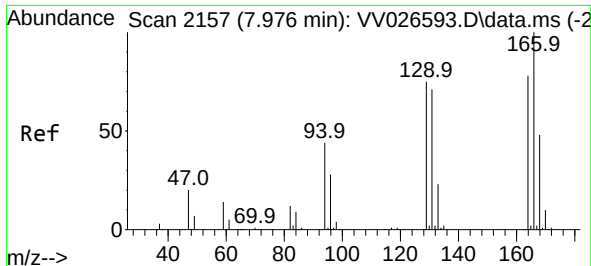
Tgt Ion: 75 Resp: 389141
Ion Ratio Lower Upper
75 100
77 32.4 21.8 40.4



#45
1,1,2-Trichloroethane
Concen: 102.191 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV026594.D
Acq: 29 Jun 2022 12:14

Tgt Ion: 97 Resp: 281000
Ion Ratio Lower Upper
97 100
99 61.2 42.6 79.0
83 84.1 59.7 110.9
85 52.9 38.4 71.4

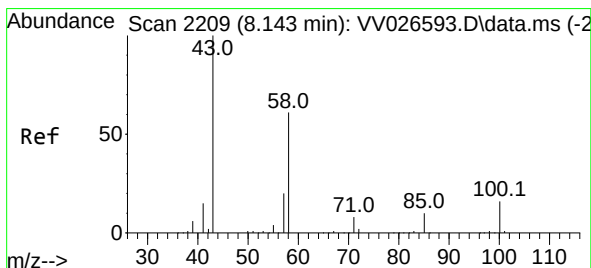
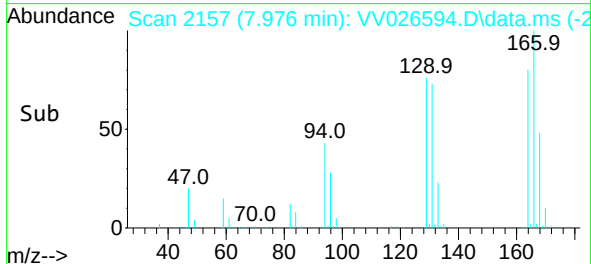
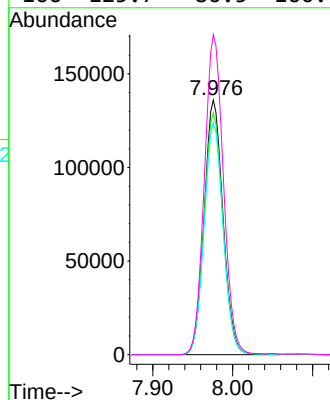
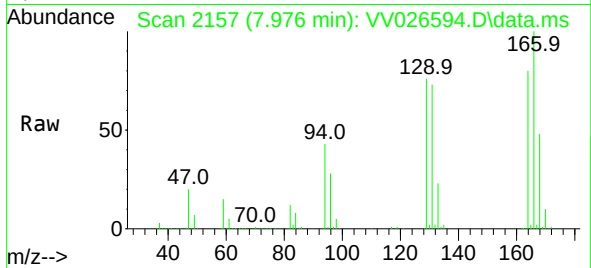




#46
Tetrachloroethene
Concen: 107.430 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV026594.D
Acq: 29 Jun 2022 12:14

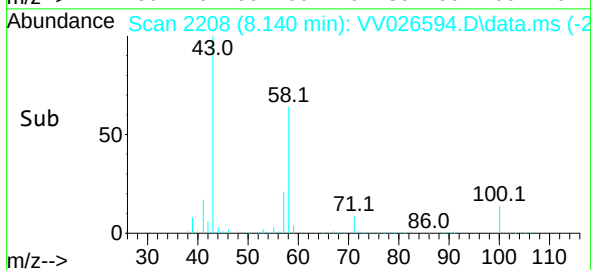
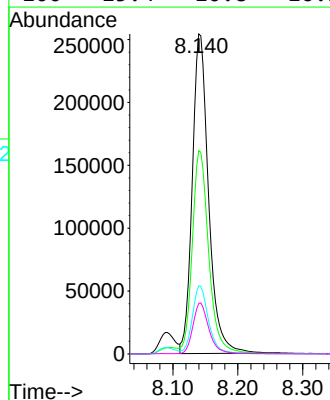
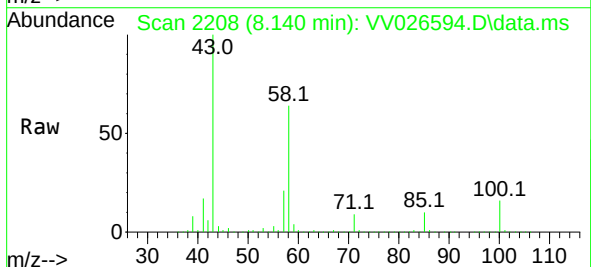
Instrument :
MSVOA_V
ClientSampleId :
VSTD100228

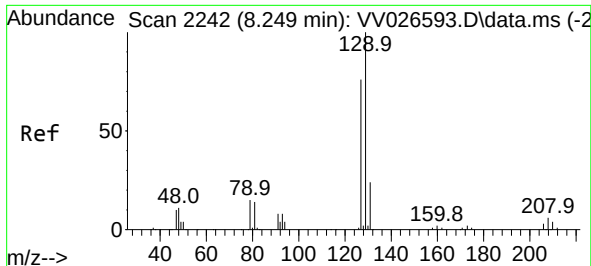
Tgt Ion:164 Resp: 223855
Ion Ratio Lower Upper
164 100
129 95.0 66.8 124.2
131 91.2 66.7 123.9
166 125.7 86.5 160.7



#48
2-Hexanone
Concen: 187.609 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.003 min
Lab File: VV026594.D
Acq: 29 Jun 2022 12:14

Tgt Ion: 43 Resp: 443709
Ion Ratio Lower Upper
43 100
58 63.7 45.9 68.9
57 21.2 15.4 23.2
100 15.4 10.8 16.2





#49

Dibromochloromethane

Concen: 104.910 ug/L

RT: 8.246 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV026594.D

Acq: 29 Jun 2022 12:14

Instrument :

MSVOA_V

ClientSampleId :

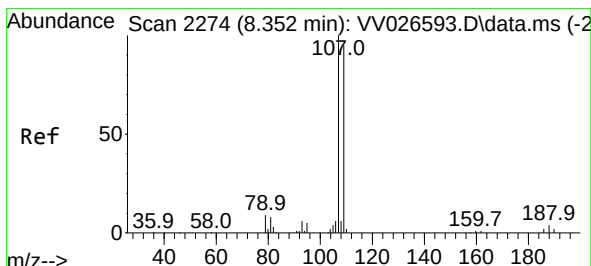
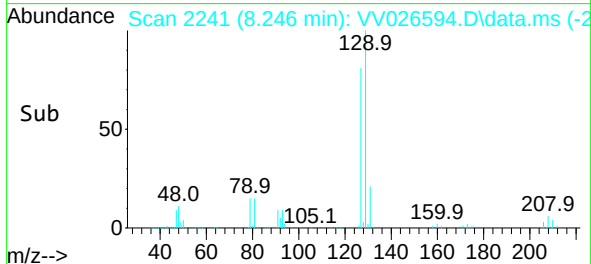
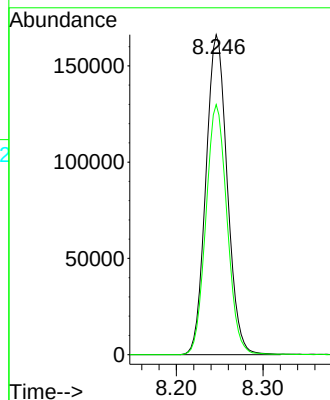
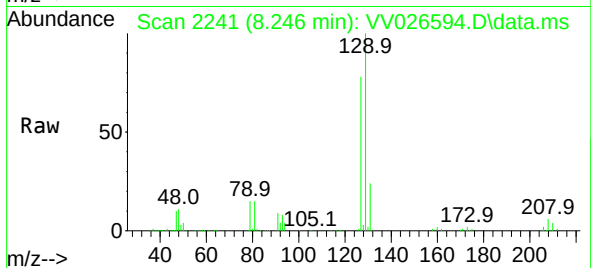
VSTD100228

Tgt Ion:129 Resp: 284335

Ion Ratio Lower Upper

129 100

127 78.1 53.5 99.5



#50

1,2-Dibromoethane

Concen: 103.776 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. -0.000 min

Lab File: VV026594.D

Acq: 29 Jun 2022 12:14

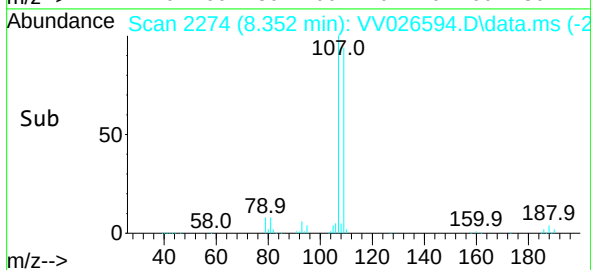
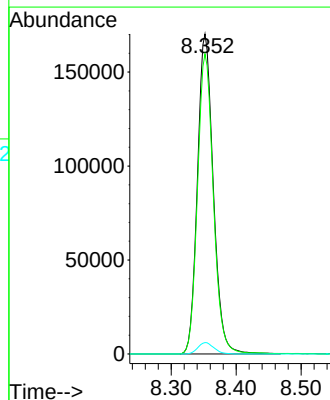
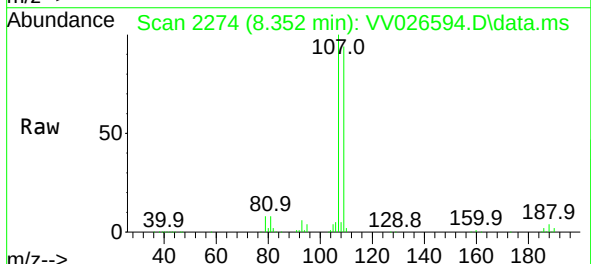
Tgt Ion:107 Resp: 289713

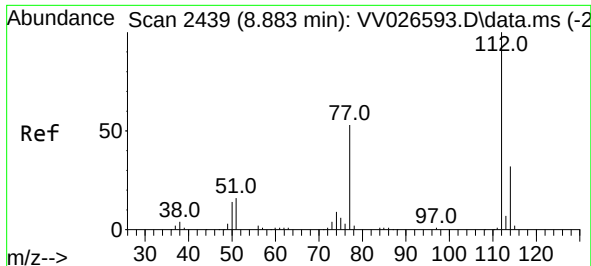
Ion Ratio Lower Upper

107 100

109 93.7 64.1 119.1

188 3.6 2.6 3.8





#51

Chlorobenzene

Concen: 103.563 ug/L

RT: 8.879 min Scan# 2439

Delta R.T. -0.003 min

Lab File: VV026594.D

Acq: 29 Jun 2022 12:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD100228

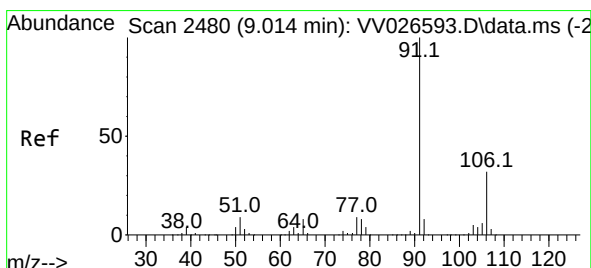
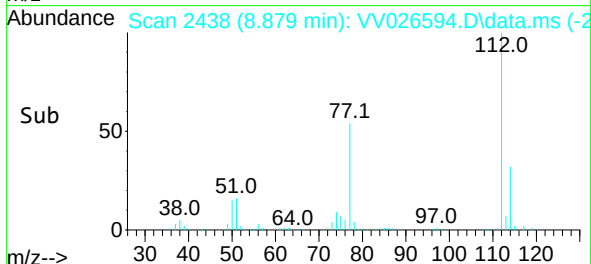
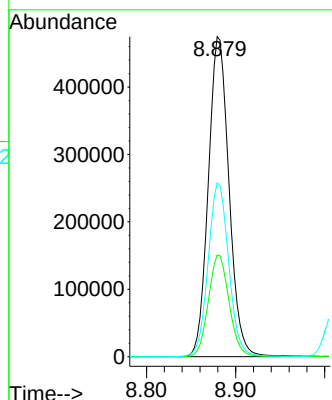
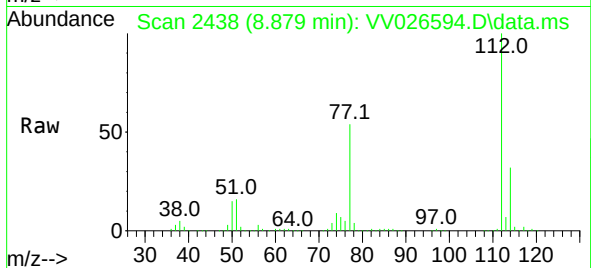
Tgt Ion:112 Resp: 764040

Ion Ratio Lower Upper

112 100

114 31.7 22.0 40.8

77 54.3 45.3 67.9



#52

Ethylbenzene

Concen: 107.063 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.003 min

Lab File: VV026594.D

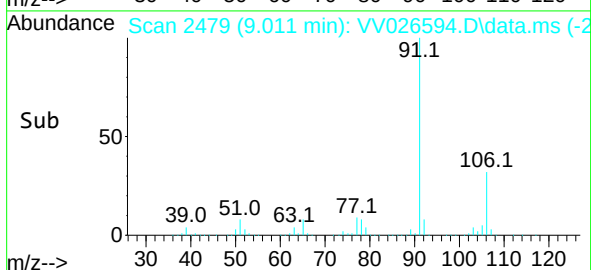
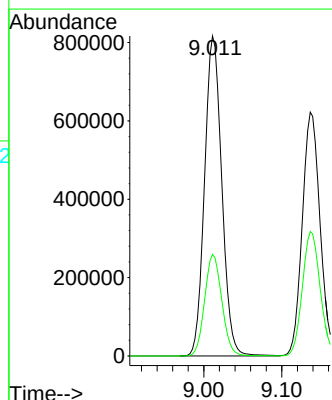
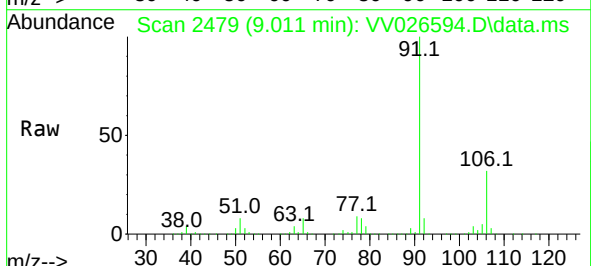
Acq: 29 Jun 2022 12:14

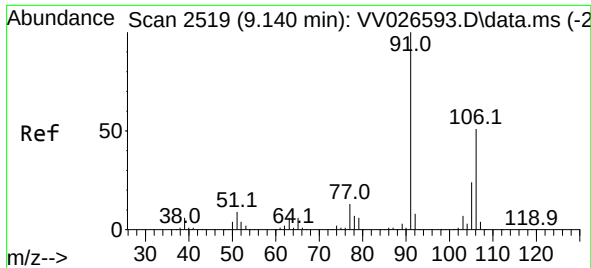
Tgt Ion: 91 Resp: 1252703

Ion Ratio Lower Upper

91 100

106 31.7 21.8 40.6

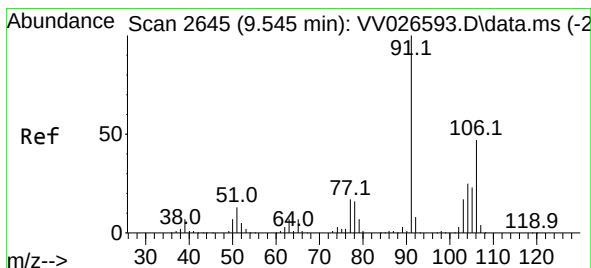
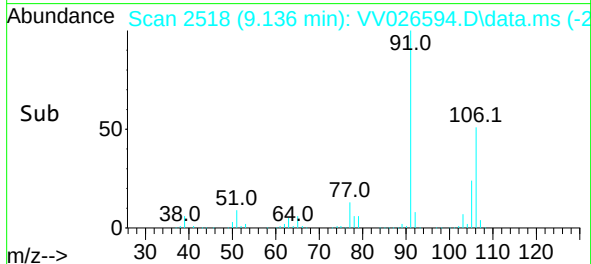
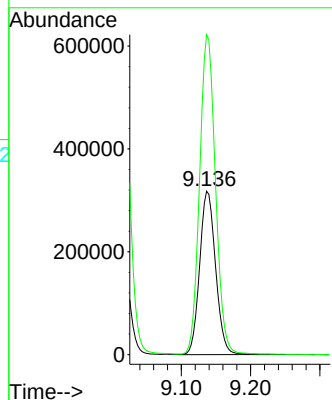
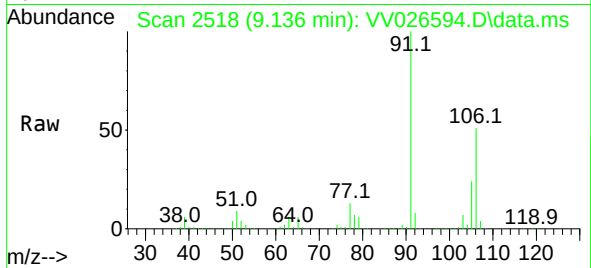




#53
m,p-Xylene
Concen: 111.126 ug/L
RT: 9.136 min Scan# 2519
Delta R.T. -0.003 min
Lab File: VV026594.D
Acq: 29 Jun 2022 12:14

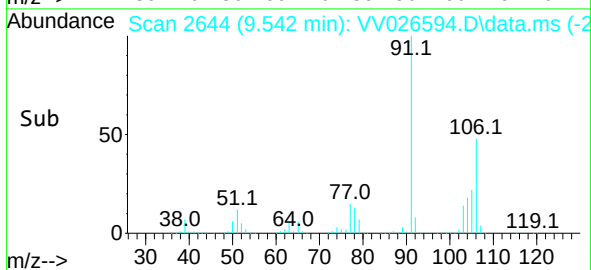
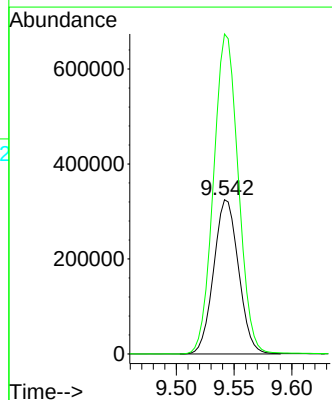
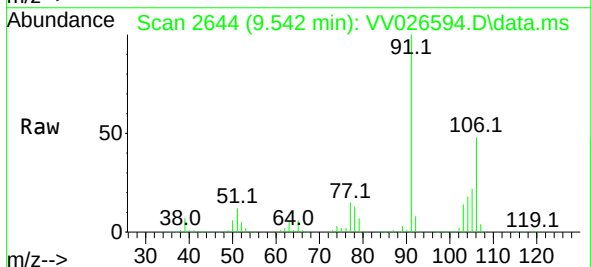
Instrument :
MSVOA_V
ClientSampleId :
VSTD100228

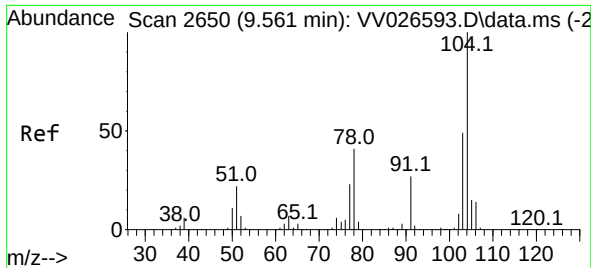
Tgt Ion:106 Resp: 506719
Ion Ratio Lower Upper
106 100
91 195.8 142.0 263.6



#54
o-Xylene
Concen: 108.823 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV026594.D
Acq: 29 Jun 2022 12:14

Tgt Ion:106 Resp: 486236
Ion Ratio Lower Upper
106 100
91 207.5 147.4 273.8

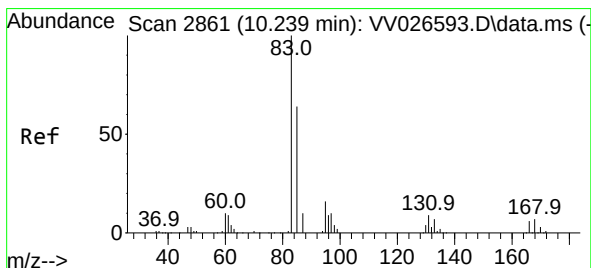
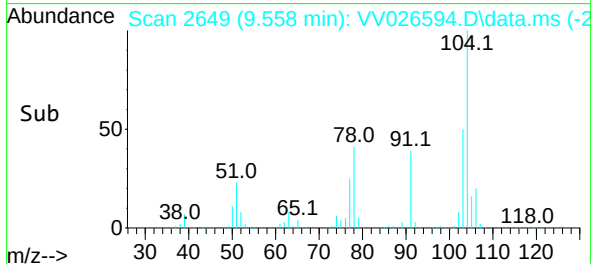
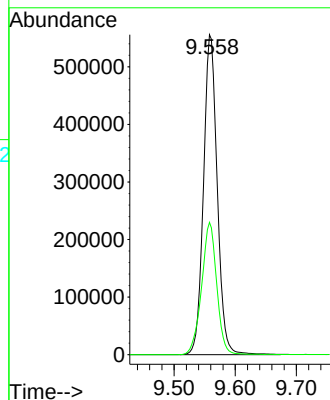
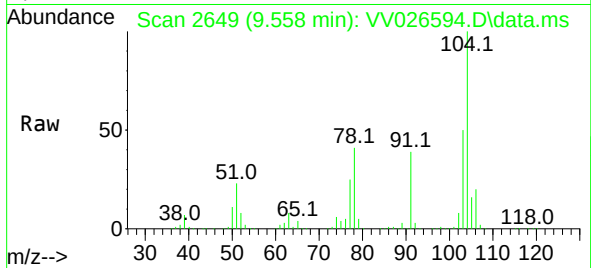




#55
Styrene
Concen: 111.590 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV026594.D
Acq: 29 Jun 2022 12:14

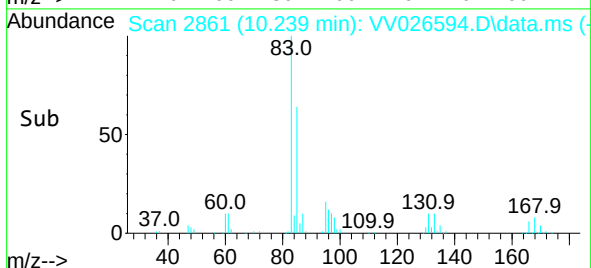
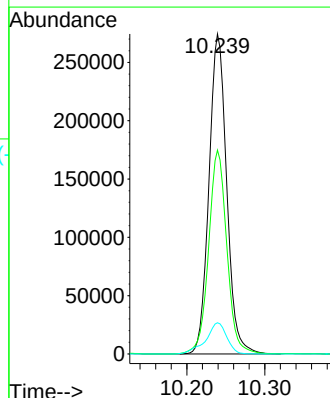
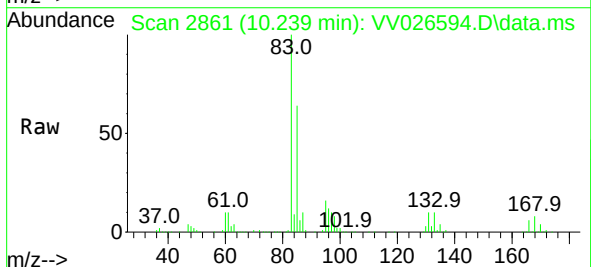
Instrument :
MSVOA_V
ClientSampleId :
VSTD100228

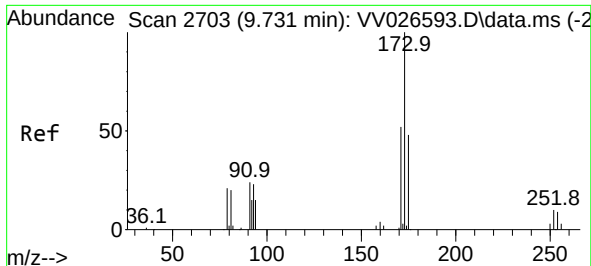
Tgt Ion:104 Resp: 868579
Ion Ratio Lower Upper
104 100
78 41.4 29.8 55.3



#57
1,1,2,2-Tetrachloroethane
Concen: 105.440 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV026594.D
Acq: 29 Jun 2022 12:14

Tgt Ion: 83 Resp: 433450
Ion Ratio Lower Upper
83 100
85 63.7 44.7 82.9
131 9.8 7.5 11.3

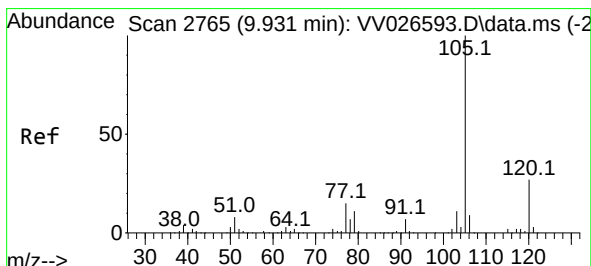
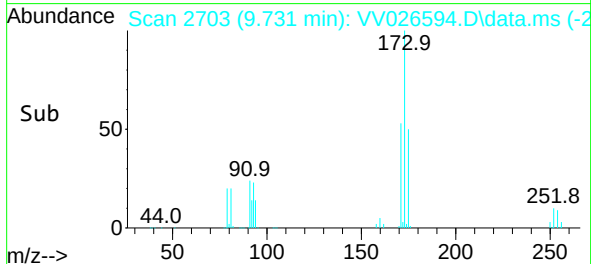
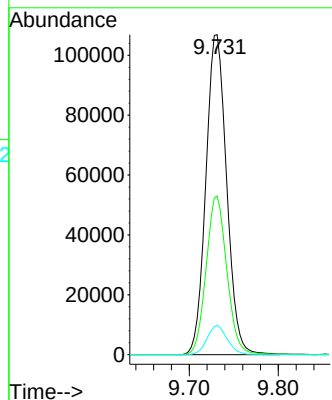
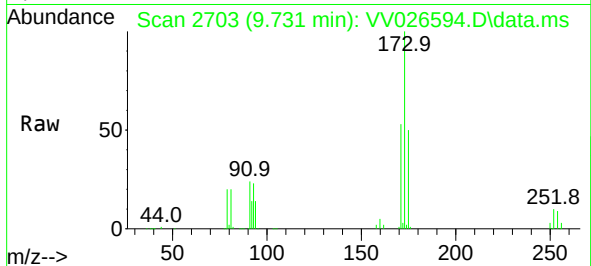




#59
Bromoform
Concen: 98.915 ug/L
RT: 9.731 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026594.D
Acq: 29 Jun 2022 12:14

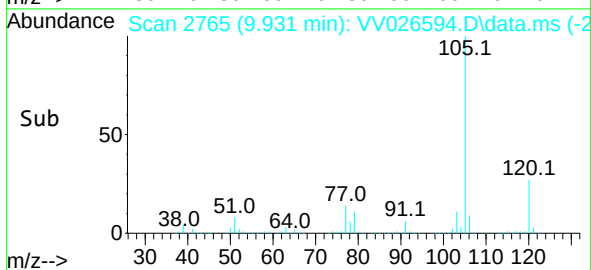
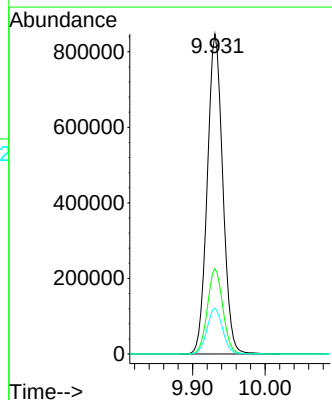
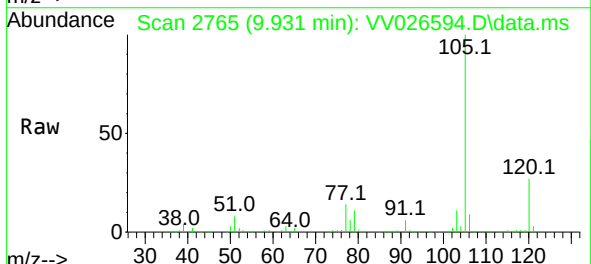
Instrument :
MSVOA_V
ClientSampleId :
VSTD100228

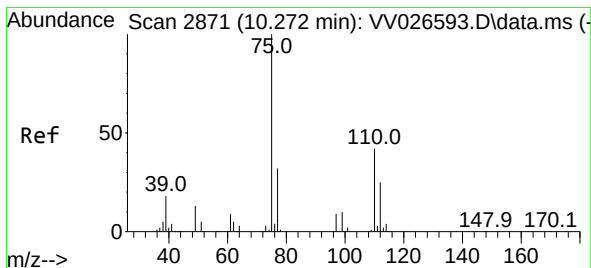
Tgt Ion:173 Resp: 173160
Ion Ratio Lower Upper
173 100
175 49.3 38.1 57.1
254 8.9 7.0 10.6



#60
Isopropylbenzene
Concen: 103.017 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV026594.D
Acq: 29 Jun 2022 12:14

Tgt Ion:105 Resp: 1254280
Ion Ratio Lower Upper
105 100
120 26.7 21.0 31.6
77 14.4 12.3 18.5





#61

1,2,3-Trichloropropane

Concen: 86.284 ug/L

RT: 10.271 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV026594.D

Acq: 29 Jun 2022 12:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD100228

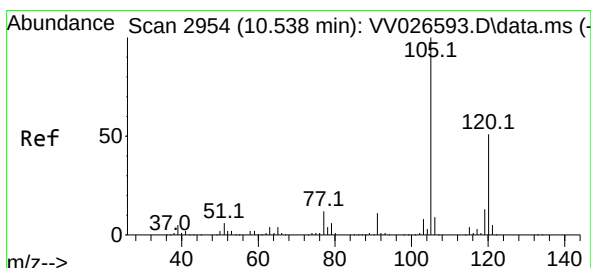
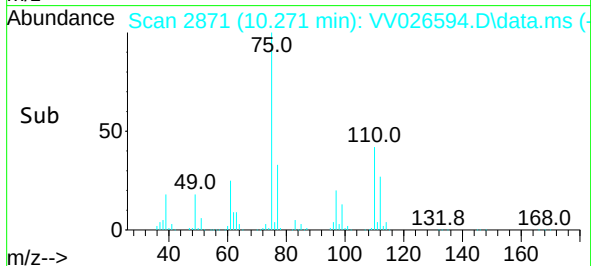
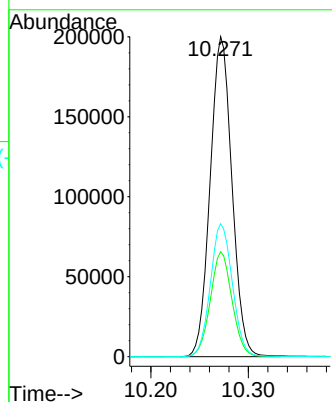
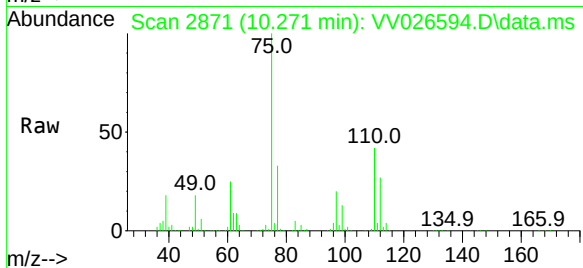
Tgt Ion: 75 Resp: 311118

Ion Ratio Lower Upper

75 100

77 32.5 25.3 37.9

110 42.0 32.3 48.5



#62

1,3,5-Trimethylbenzene

Concen: 154.941 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV026594.D

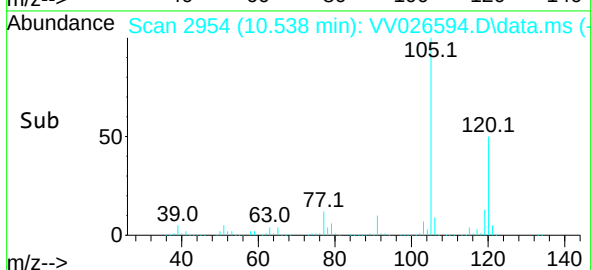
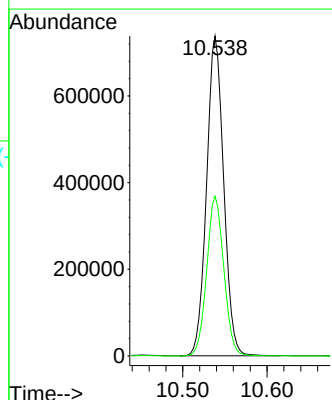
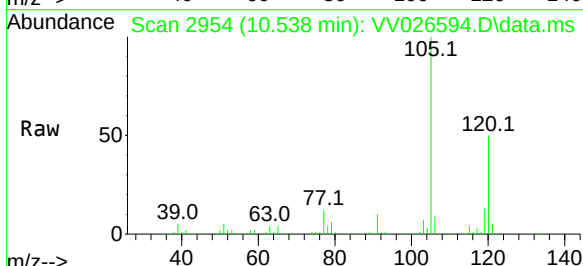
Acq: 29 Jun 2022 12:14

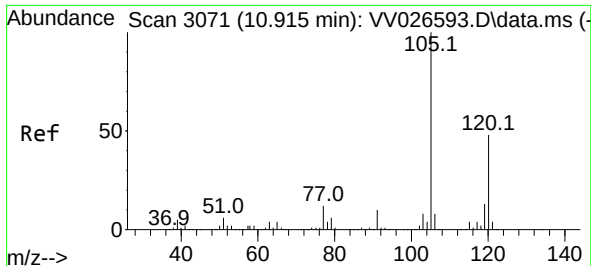
Tgt Ion: 105 Resp: 1043792

Ion Ratio Lower Upper

105 100

120 50.1 39.4 59.2

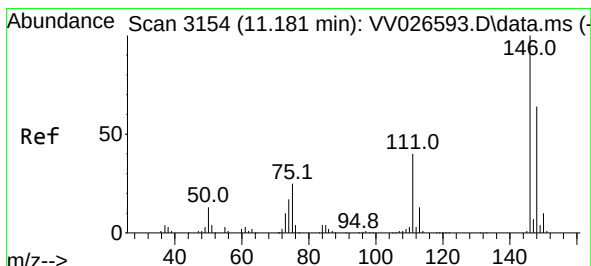
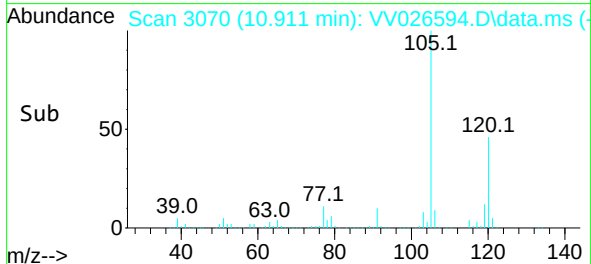
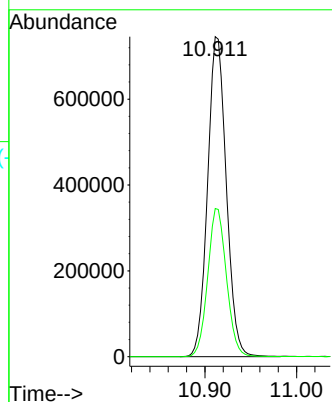
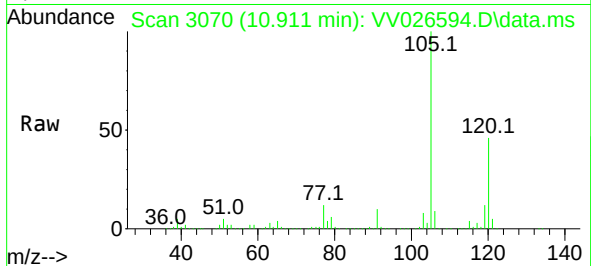




#63
1,2,4-Trimethylbenzene
Concen: 108.710 ug/L
RT: 10.911 min Scan# 3071
Delta R.T. -0.003 min
Lab File: VV026594.D
Acq: 29 Jun 2022 12:14

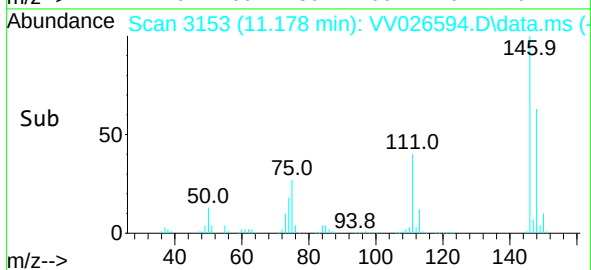
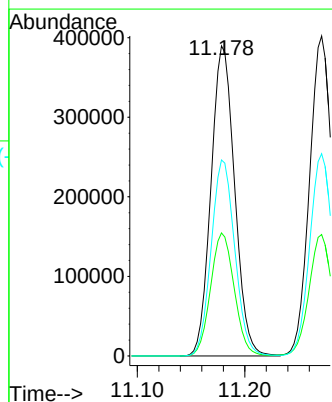
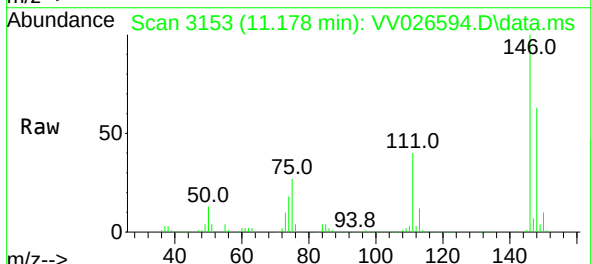
Instrument :
MSVOA_V
ClientSampleId :
VSTD100228

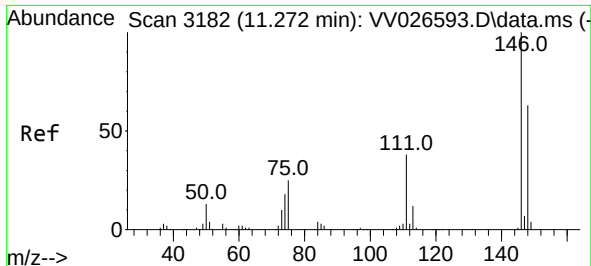
Tgt Ion:105 Resp: 1053345
Ion Ratio Lower Upper
105 100
120 46.5 36.6 55.0



#64
1,3-Dichlorobenzene
Concen: 101.750 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.003 min
Lab File: VV026594.D
Acq: 29 Jun 2022 12:14

Tgt Ion:146 Resp: 596111
Ion Ratio Lower Upper
146 100
111 39.7 28.1 52.1
148 63.2 44.0 81.8

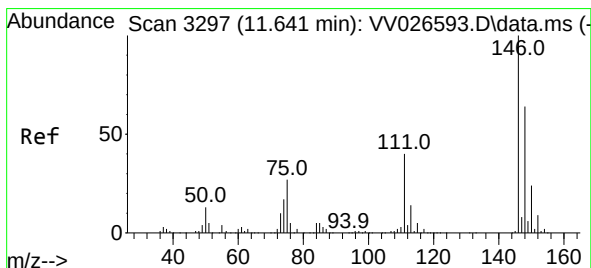
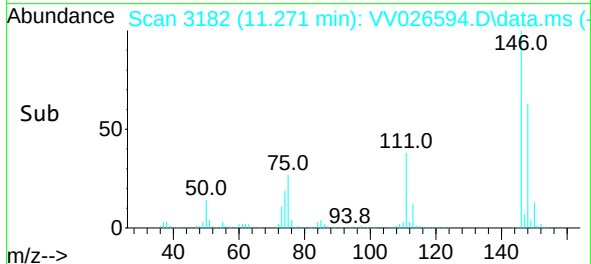
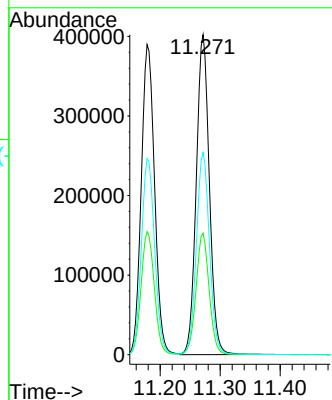
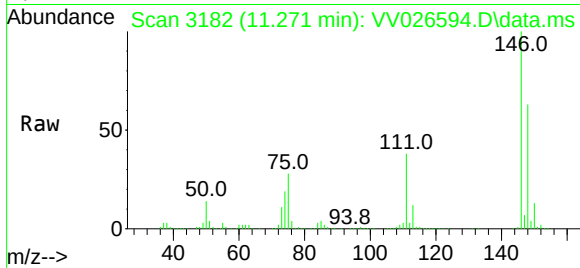




#65
1,4-Dichlorobenzene
Concen: 99.734 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV026594.D
Acq: 29 Jun 2022 12:14

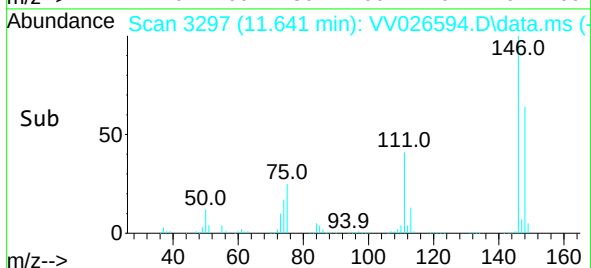
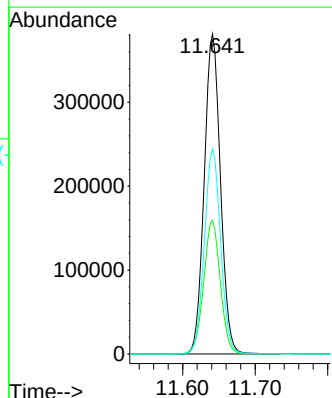
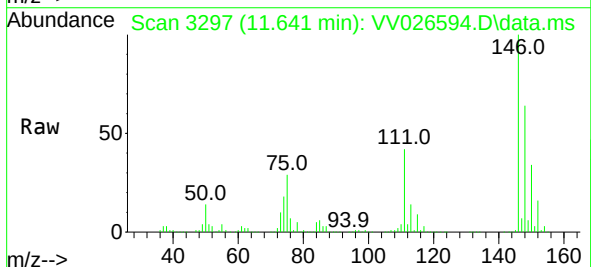
Instrument :
MSVOA_V
ClientSampleId :
VSTD100228

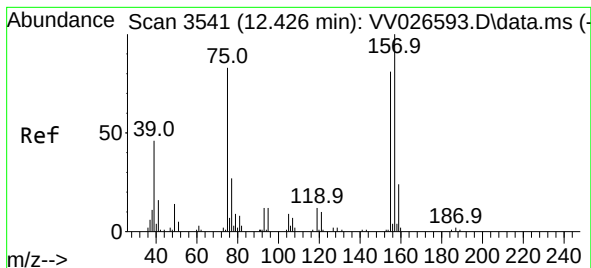
Tgt Ion:146 Resp: 610647
Ion Ratio Lower Upper
146 100
111 37.9 26.7 49.7
148 63.2 44.2 82.2



#67
1,2-Dichlorobenzene
Concen: 98.114 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV026594.D
Acq: 29 Jun 2022 12:14

Tgt Ion:146 Resp: 594867
Ion Ratio Lower Upper
146 100
111 41.7 33.7 50.5
148 64.1 51.4 77.2

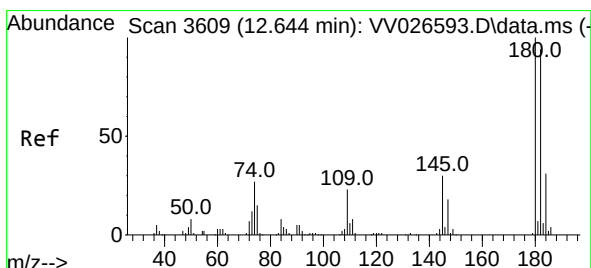
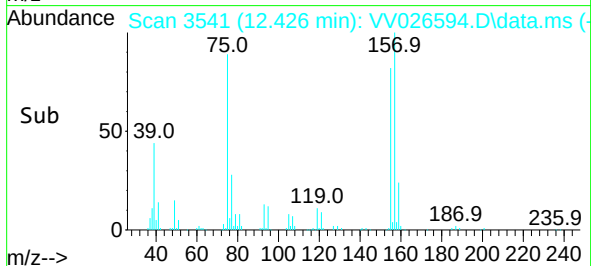
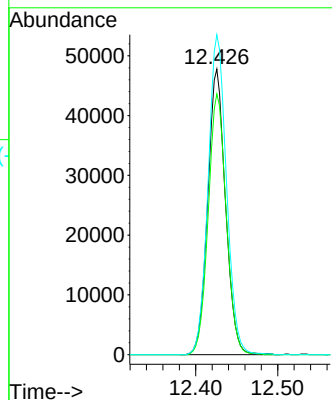
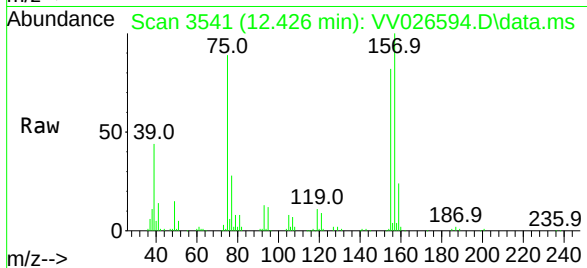




#68
1,2-Dibromo-3-chloropropane
Concen: 88.834 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV026594.D
Acq: 29 Jun 2022 12:14

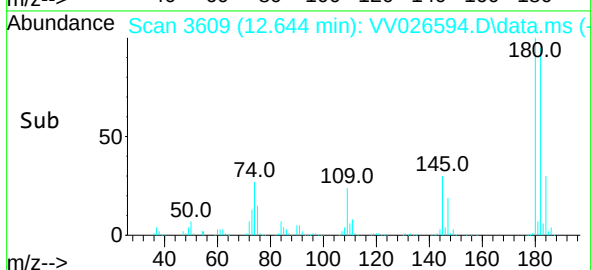
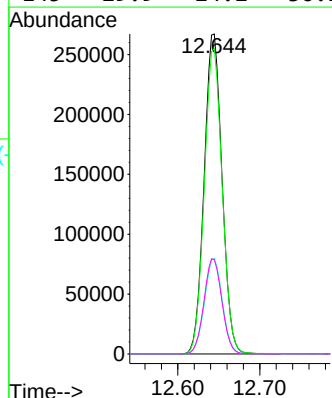
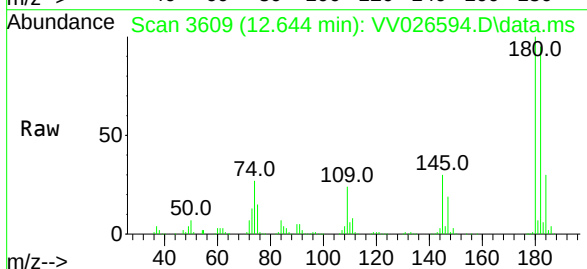
Instrument :
MSVOA_V
ClientSampleId :
VSTD100228

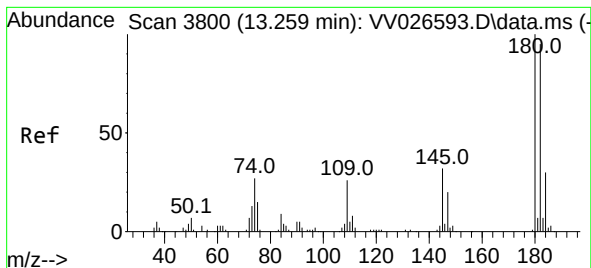
Tgt Ion: 75 Resp: 72062
Ion Ratio Lower Upper
75 100
155 91.3 66.8 100.2
157 112.0 82.5 123.7



#69
1,3,5-Trichlorobenzene
Concen: 100.907 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.000 min
Lab File: VV026594.D
Acq: 29 Jun 2022 12:14

Tgt Ion:180 Resp: 404660
Ion Ratio Lower Upper
180 100
182 95.5 75.1 112.7
184 29.9 23.6 35.4
145 29.9 24.2 36.2





#70

1,2,4-trichlorobenzene

Concen: 102.254 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV026594.D

Acq: 29 Jun 2022 12:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD100228

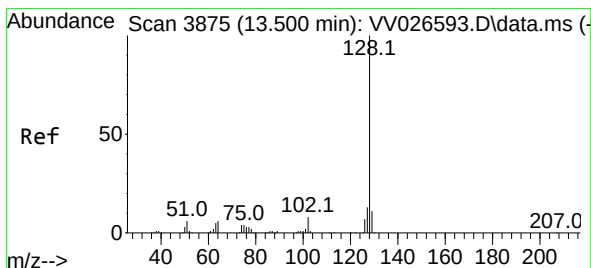
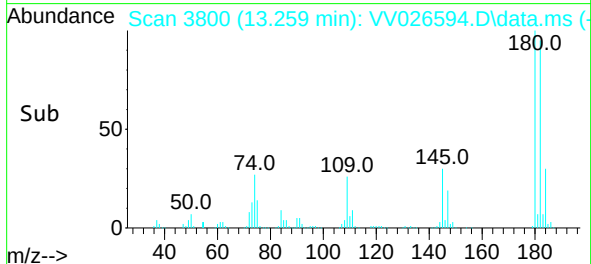
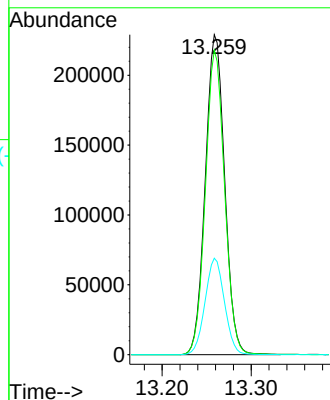
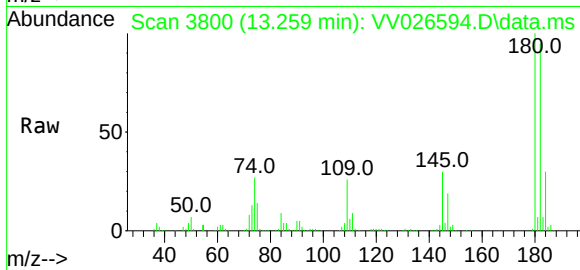
Tgt Ion:180 Resp: 345451

Ion Ratio Lower Upper

180 100

182 94.1 74.8 112.2

145 30.2 24.8 37.2



#71

Naphthalene

Concen: 103.715 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV026594.D

Acq: 29 Jun 2022 12:14

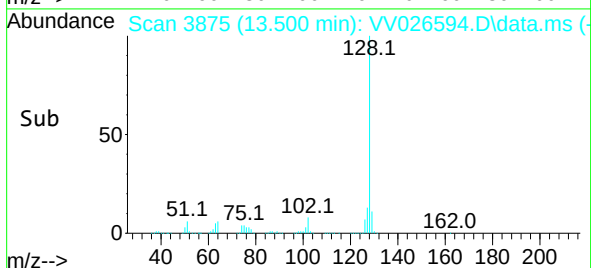
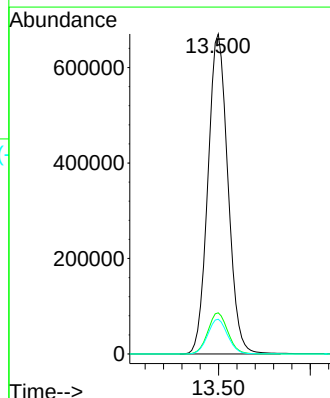
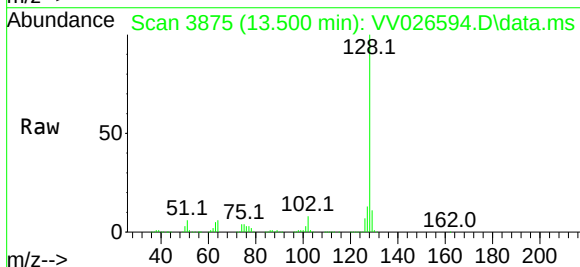
Tgt Ion:128 Resp: 1014233

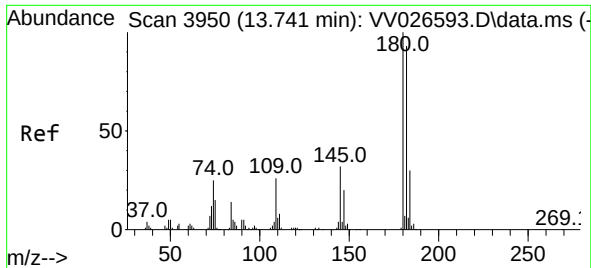
Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.9 8.8 13.2





#72

1,2,3-Trichlorobenzene

Concen: 100.918 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV026594.D

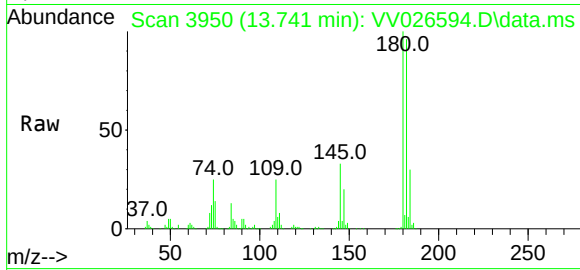
Acq: 29 Jun 2022 12:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD100228



Tgt Ion:180 Resp: 347493

Ion Ratio Lower Upper

180 100

182 95.4 75.8 113.8

145 33.0 26.3 39.5

