

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071122\
 Data File : VW026713.D
 Acq On : 11 Jul 2022 20:45
 Operator : SY/MD
 Sample : VSTD010
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010204

Quant Time: Jul 12 05:24:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 12 05:17:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	242189	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	238455	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	129769	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	216295	10.404	ug/L	0.00
7) Chloroethane-d5	1.561	69	191349	10.351	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.102	63	428702	10.586	ug/L	0.00
20) 2-Butanone-d5	3.905	46	397182	119.876	ug/L	-0.02
24) Chloroform-d	4.343	84	394502	10.718	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	174113	10.784	ug/L	0.00
32) Benzene-d6	5.044	84	769406	11.157	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	223254	10.743	ug/L	0.00
41) Toluene-d8	7.310	98	717618	11.670	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	74698	11.108	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	374722	126.507	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	176435	10.955	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	233001	10.734	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	319633	11.573	ug/L	99
3) Chloromethane	1.237	50	300454	10.496	ug/L	100
5) Vinyl chloride	1.304	62	319009	11.389	ug/L	99
6) Bromomethane	1.513	94	186039	11.188	ug/L	98
8) Chloroethane	1.577	64	185592	11.039	ug/L	98
9) Trichlorofluoromethane	1.745	101	403402	11.023	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	229523	11.053	ug/L	98
12) 1,1-Dichloroethene	2.108	96	220928	10.915	ug/L	90
13) Acetone	2.208	43	248855	85.218	ug/L #	44
14) Carbon disulfide	2.285	76	669091	11.642	ug/L	99
15) Methyl Acetate	2.442	43	69412	12.136	ug/L	99
16) Methylene chloride	2.500	84	219329	8.775	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	405485	11.418	ug/L	99
18) trans-1,2-Dichloroethene	2.751	96	213762	11.296	ug/L	95
19) 1,1-Dichloroethane	3.182	63	376006	10.859	ug/L	99
21) 2-Butanone	3.989	43	410178	124.300	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	214833	11.532	ug/L	100
23) Bromochloromethane	4.243	128	97389	11.136	ug/L	97
25) Chloroform	4.368	83	398562	10.912	ug/L	99
27) 1,2-Dichloroethane	5.127	62	222406	11.309	ug/L	99
29) 1,1,1-Trichloroethane	4.600	97	344583	11.035	ug/L	99
30) Cyclohexane	4.671	56	324380	12.565	ug/L	99
31) Carbon tetrachloride	4.822	117	303861	11.019	ug/L	98
33) Benzene	5.092	78	881791	11.634	ug/L	100
34) Trichloroethene	5.908	95	211773	11.314	ug/L	98
35) Methylcyclohexane	6.127	83	353931	12.171	ug/L	99
37) 1,2-Dichloropropane	6.169	63	212734	11.356	ug/L	99
38) Bromodichloromethane	6.506	83	266703	10.876	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	272238	11.974	ug/L	96
40) 4-Methyl-2-pentanone	7.227	43	1064057	124.946	ug/L	99
42) Toluene	7.384	91	941553	12.148	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	228793	12.148	ug/L	98

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

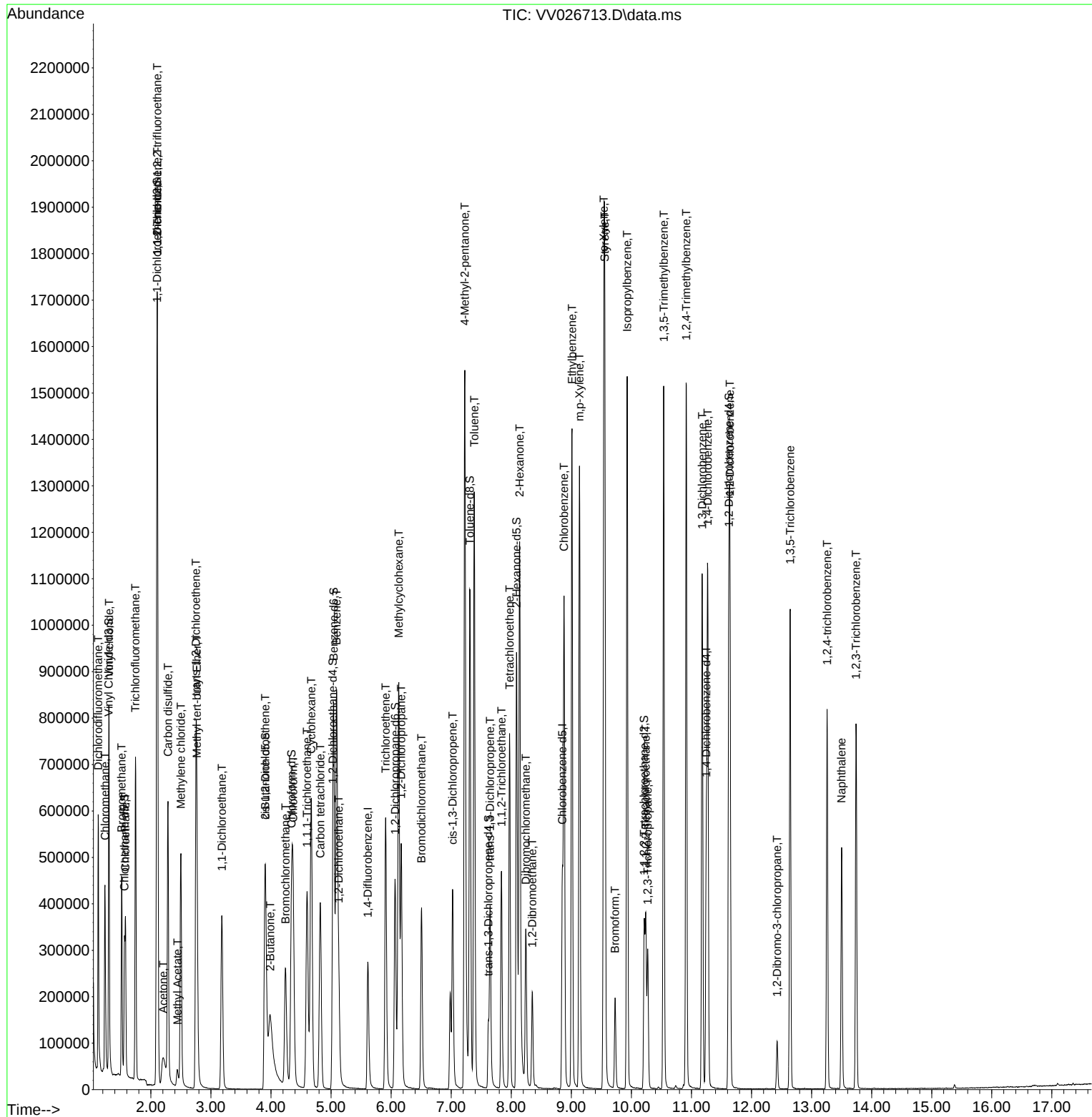
45) 1,1,2-Trichloroethane	7.838	97	148291	10.896	ug/L	96
47) Tetrachloroethene	7.973	164	166283	11.306	ug/L	98
48) 2-Hexanone	8.140	43	758580	122.255	ug/L	98
49) Dibromochloromethane	8.243	129	173958	11.231	ug/L	97
50) 1,2-Dibromoethane	8.349	107	135882	11.248	ug/L	96
51) Chlorobenzene	8.879	112	566477	11.399	ug/L	98
52) Ethylbenzene	9.011	91	952826	12.175	ug/L	100
53) m,p-Xylene	9.137	106	380220	12.547	ug/L	100
54) o-Xylene	9.542	106	356300	12.596	ug/L	100
55) Styrene	9.558	104	653105	12.997	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	177683	10.946	ug/L	95
59) Bromoform	9.728	173	85566	10.468	ug/L	97
60) Isopropylbenzene	9.931	105	945805	12.013	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	121507	10.425	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	765154	12.181	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	794283	12.476	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	437830	11.374	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	438305	11.307	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	406710	11.237	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	26318	10.630	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	301563	11.070	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	234179	11.236	ug/L	99
71) Naphthalene	13.500	128	401819	11.630	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	223832	11.621	ug/L	98

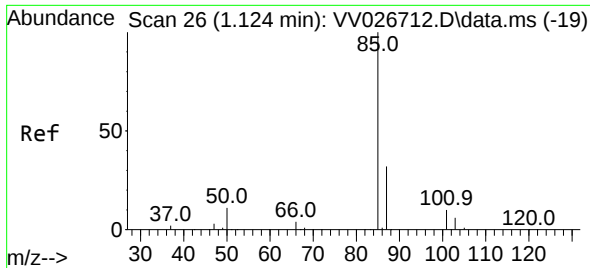
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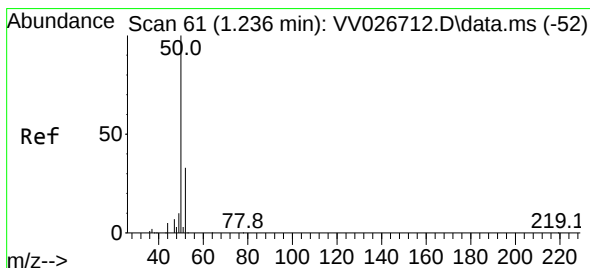
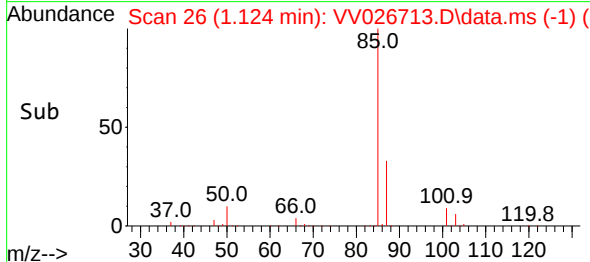
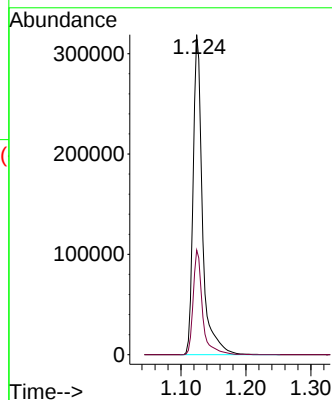
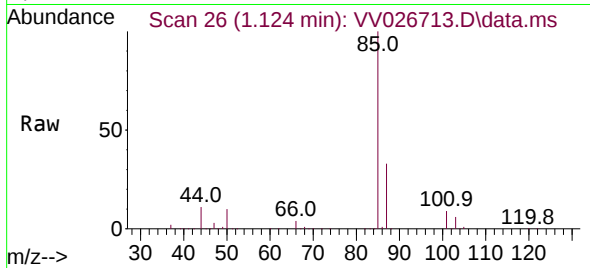




#2
 Dichlorodifluoromethane
 Concen: 11.573 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV026713.D
 Acq: 11 Jul 2022 20:45

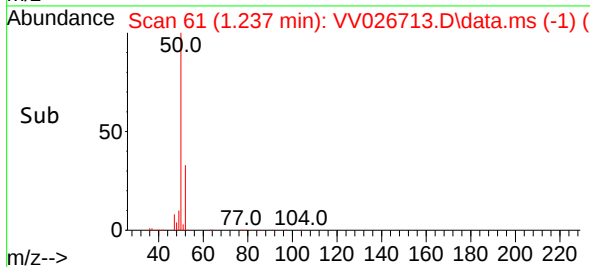
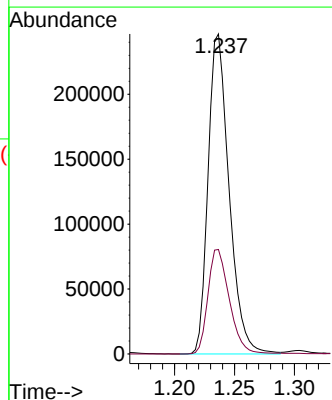
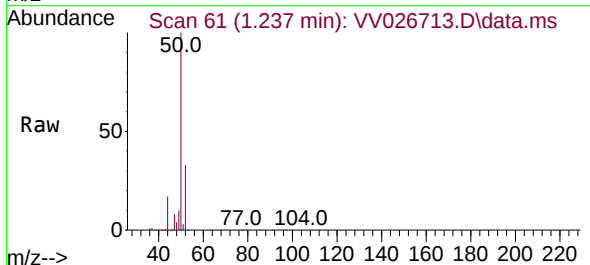
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010204

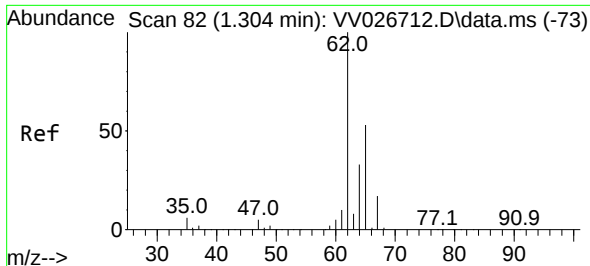
Tgt Ion: 85 Resp: 319633
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.8 38.8



#3
 Chloromethane
 Concen: 10.496 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV026713.D
 Acq: 11 Jul 2022 20:45

Tgt Ion: 50 Resp: 300454
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.8 42.4

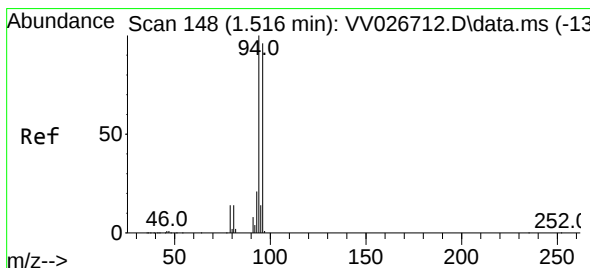
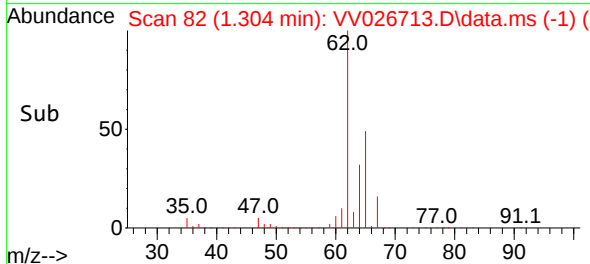
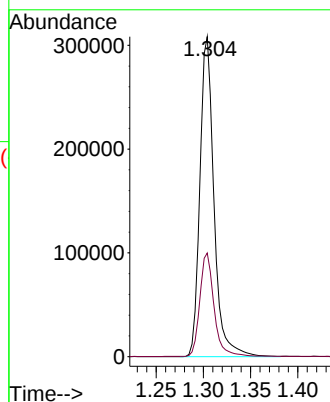
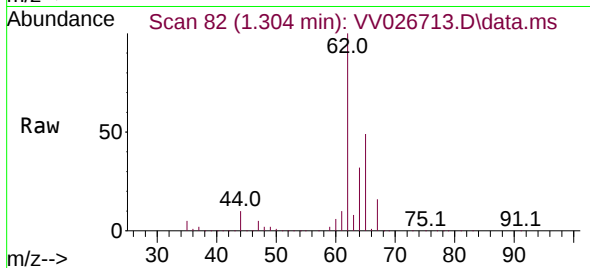




#5
 Vinyl chloride
 Concen: 11.389 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV026713.D
 Acq: 11 Jul 2022 20:45

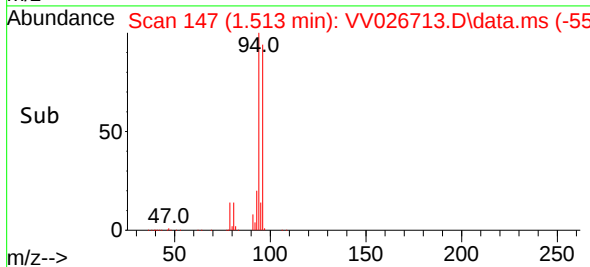
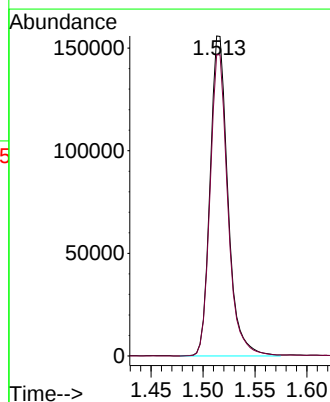
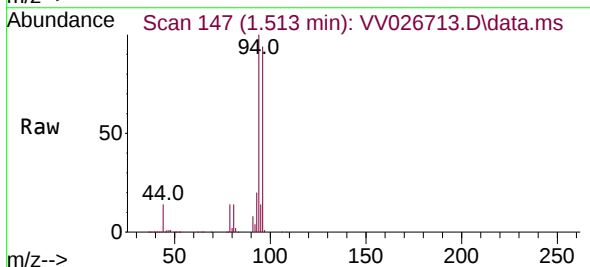
Instrument :
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 VSTD010204

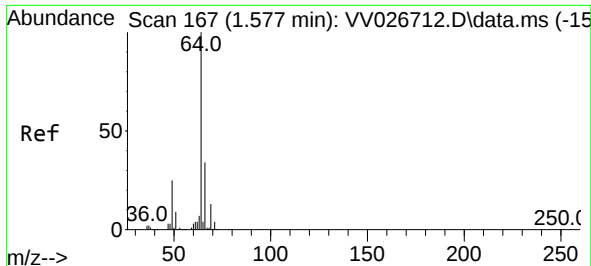
Tgt Ion: 62 Resp: 319009
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.9 42.5



#6
 Bromomethane
 Concen: 11.188 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. -0.003 min
 Lab File: VV026713.D
 Acq: 11 Jul 2022 20:45

Tgt Ion: 94 Resp: 186039
 Ion Ratio Lower Upper
 94 100
 96 94.2 67.1 124.7

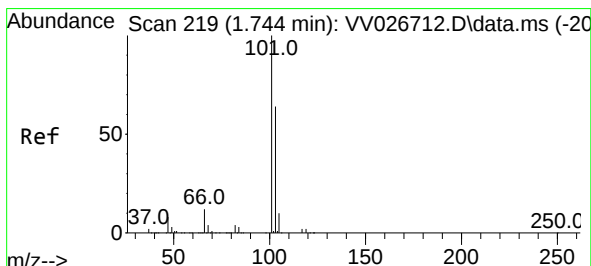
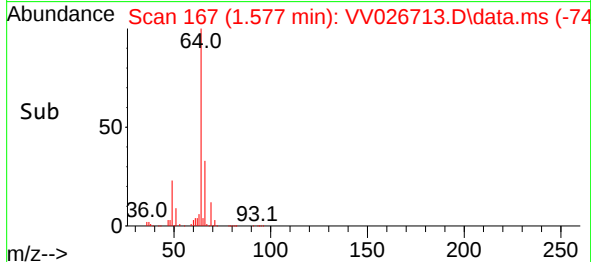
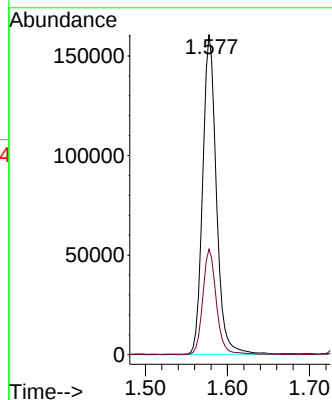
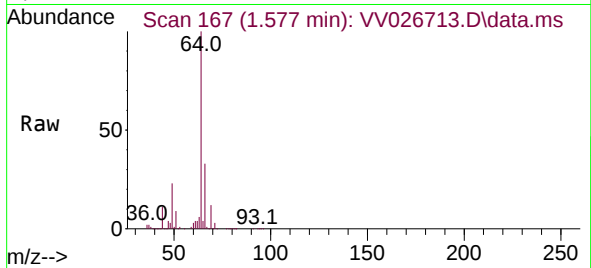




#8
Chloroethane
Concen: 11.039 ug/L
RT: 1.577 min Scan# 167
Delta R.T. 0.000 min
Lab File: VV026713.D
Acq: 11 Jul 2022 20:45

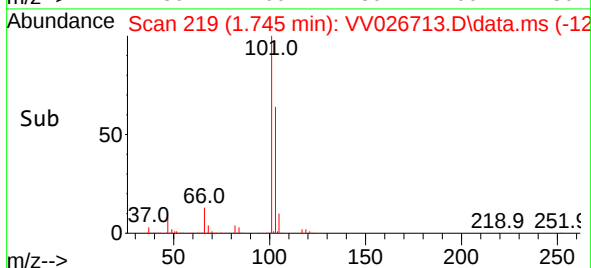
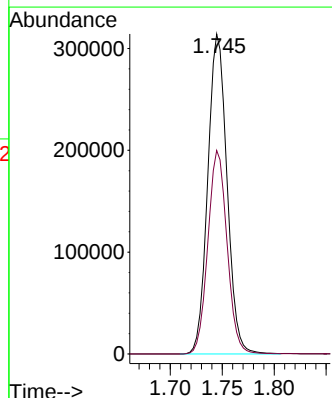
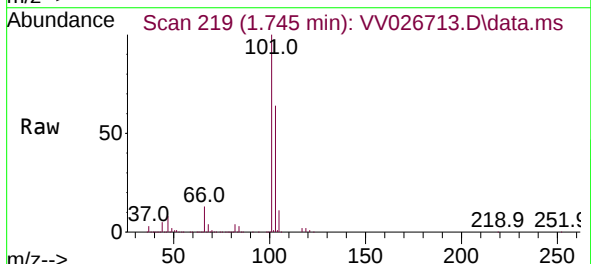
Instrument :
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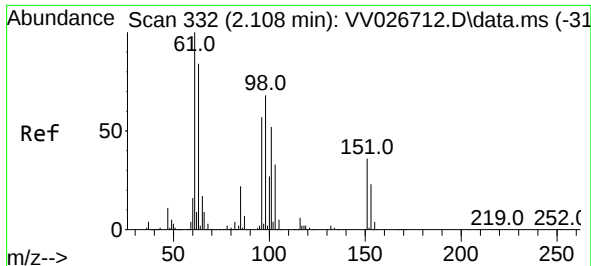
Tgt Ion: 64 Resp: 185592
Ion Ratio Lower Upper
64 100
66 32.9 23.9 44.5



#9
Trichlorofluoromethane
Concen: 11.023 ug/L
RT: 1.745 min Scan# 219
Delta R.T. 0.000 min
Lab File: VV026713.D
Acq: 11 Jul 2022 20:45

Tgt Ion: 101 Resp: 403402
Ion Ratio Lower Upper
101 100
103 63.5 51.6 77.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 11.053 ug/L

RT: 2.108 min Scan# 332

Delta R.T. 0.000 min

Lab File: VV026713.D

Acq: 11 Jul 2022 20:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD010204

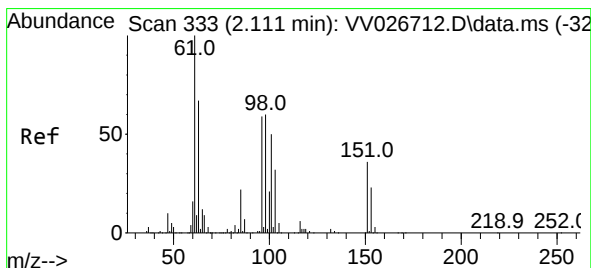
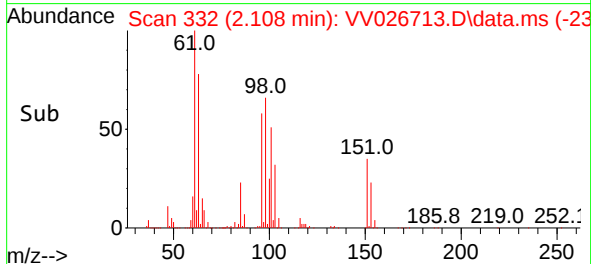
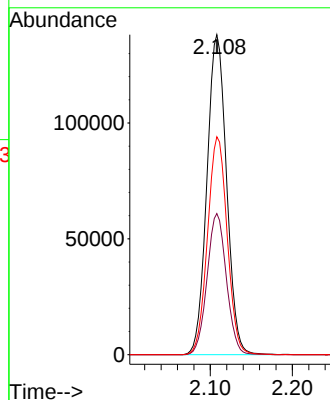
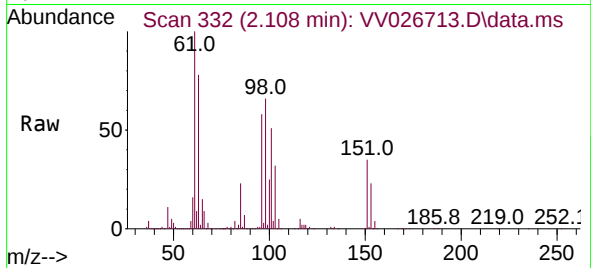
Tgt Ion:101 Resp: 229523

Ion Ratio Lower Upper

101 100

85 43.4 35.0 52.4

151 68.2 56.7 85.1



#12

1,1-Dichloroethene

Concen: 10.915 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.003 min

Lab File: VV026713.D

Acq: 11 Jul 2022 20:45

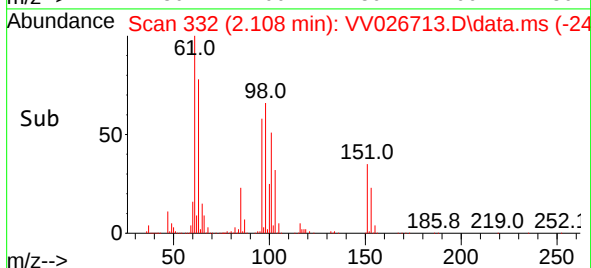
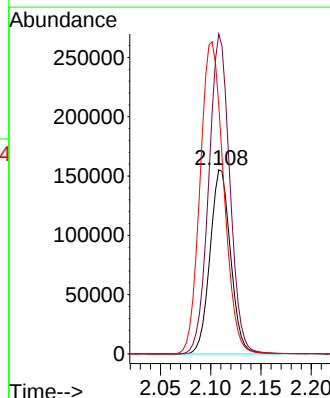
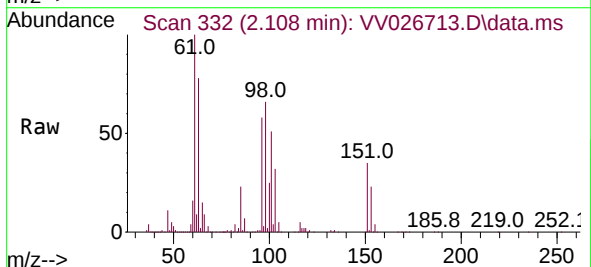
Tgt Ion: 96 Resp: 220928

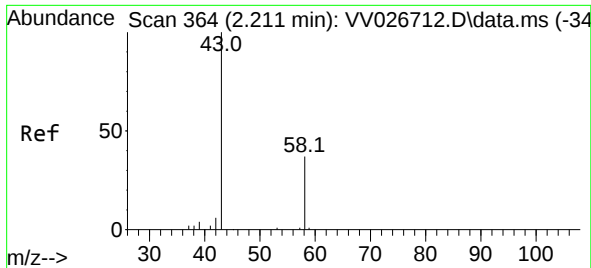
Ion Ratio Lower Upper

96 100

61 173.8 118.3 219.7

63 135.3 79.9 148.3





#13

Acetone

Concen: 85.218 ug/L

RT: 2.208 min Scan# 3

Delta R.T. -0.003 min

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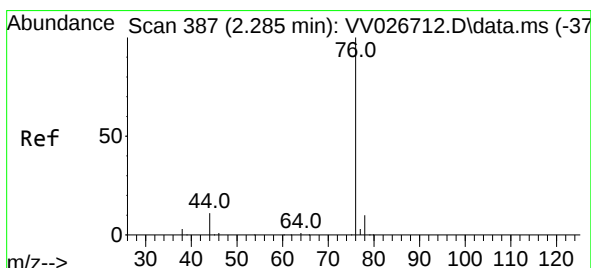
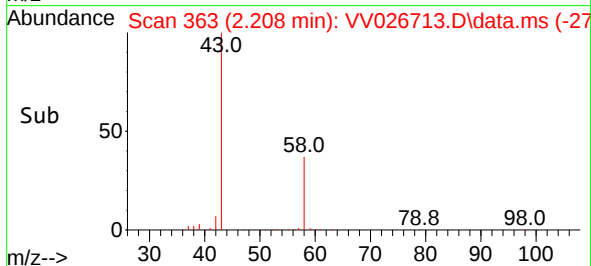
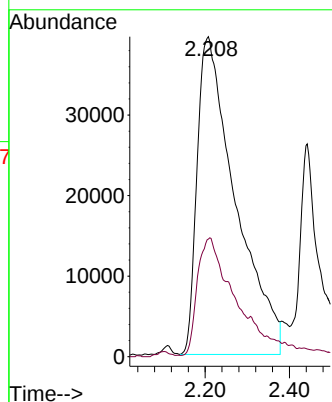
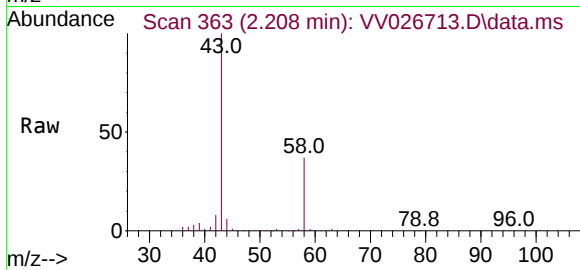
VSTD010204

Tgt Ion: 43 Resp: 248855

Ion Ratio Lower Upper

43 100

58 31.1 0.0 20.6#



#14

Carbon disulfide

Concen: 11.642 ug/L

RT: 2.285 min Scan# 387

Delta R.T. 0.000 min

Lab File: VV026713.D

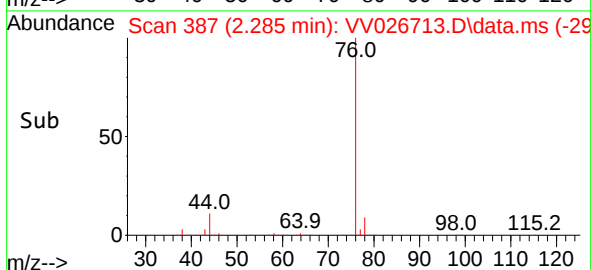
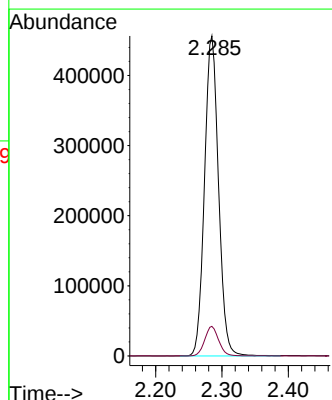
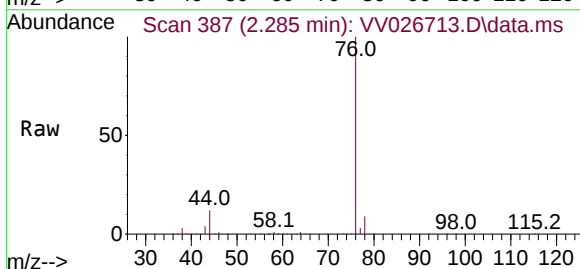
Acq: 11 Jul 2022 20:45

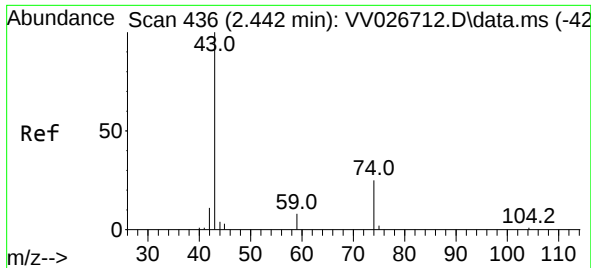
Tgt Ion: 76 Resp: 669091

Ion Ratio Lower Upper

76 100

78 9.2 7.7 11.5

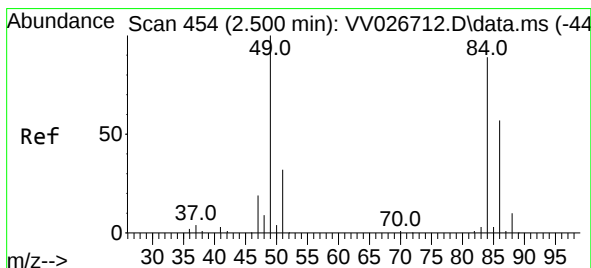
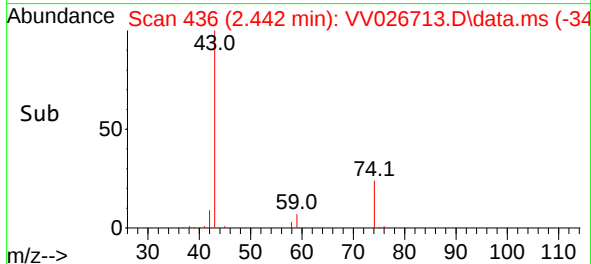
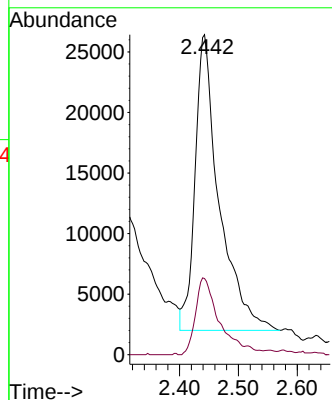
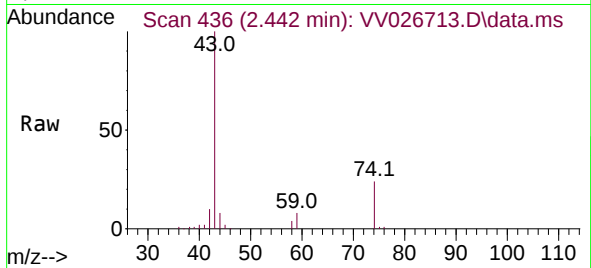




#15
Methyl Acetate
Concen: 12.136 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV026713.D
Acq: 11 Jul 2022 20:45

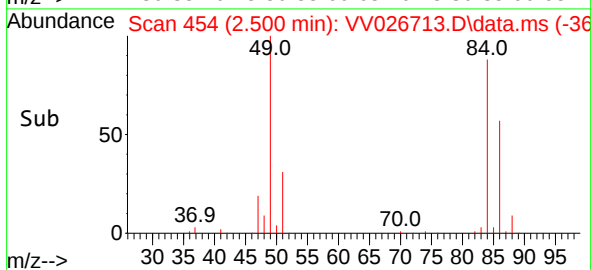
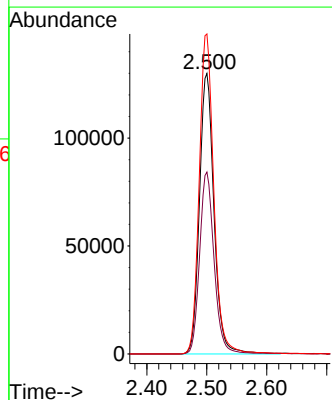
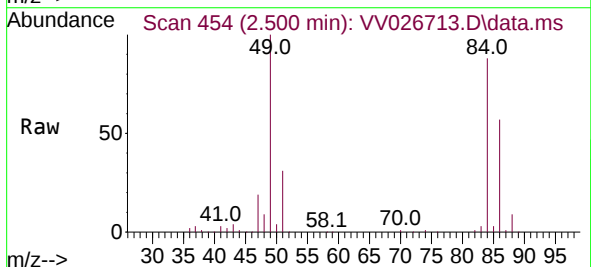
Instrument :
MSVOA_V
ClientSampleId :
VSTD010204

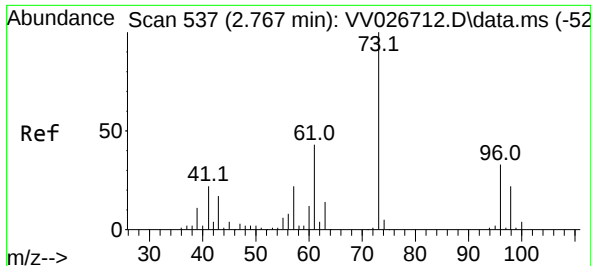
Tgt Ion: 43 Resp: 69412
Ion Ratio Lower Upper
43 100
74 24.8 20.1 30.1



#16
Methylene chloride
Concen: 8.775 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV026713.D
Acq: 11 Jul 2022 20:45

Tgt Ion: 84 Resp: 219329
Ion Ratio Lower Upper
84 100
86 64.9 44.8 83.2
49 114.1 78.7 146.1

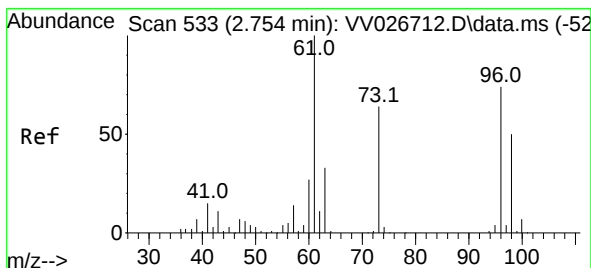
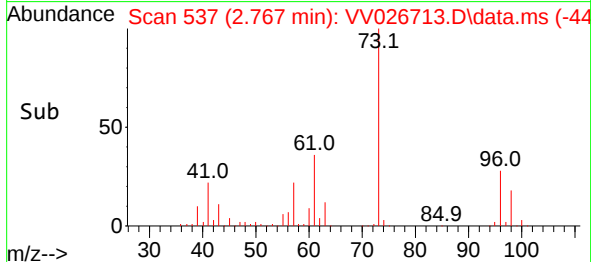
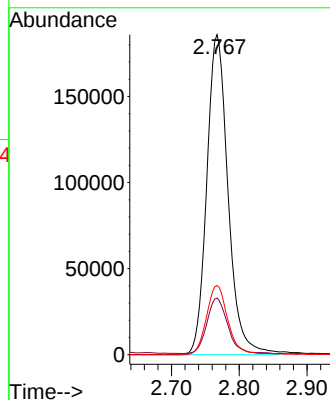
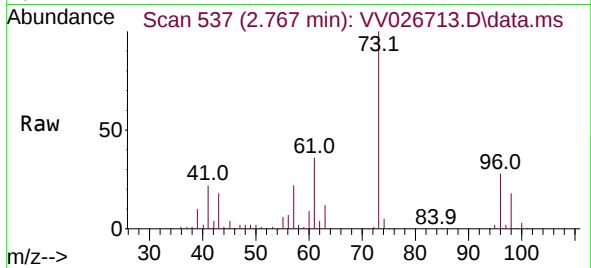




#17
Methyl tert-butyl Ether
Concen: 11.418 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV026713.D
Acq: 11 Jul 2022 20:45

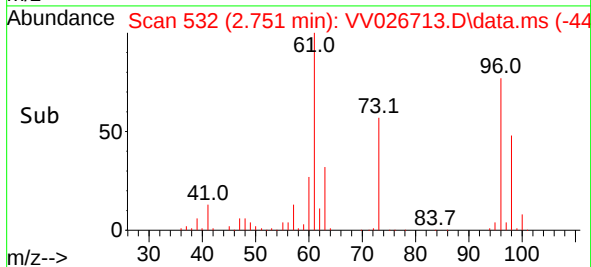
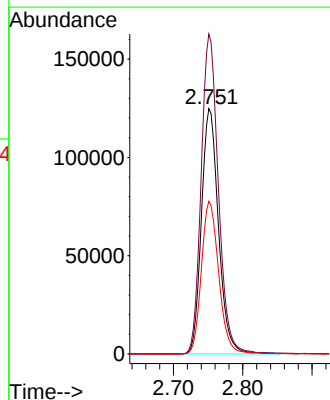
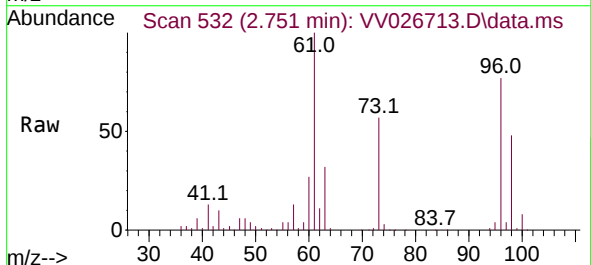
Instrument :
MSVOA_V
ClientSampleId :
VSTD010204

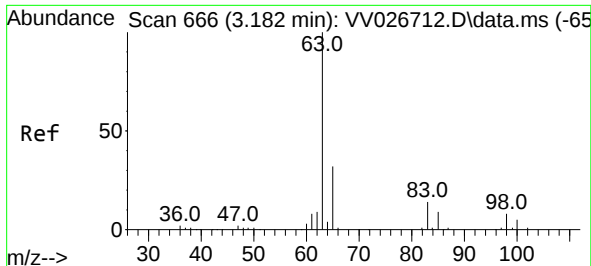
Tgt Ion: 73 Resp: 405485
Ion Ratio Lower Upper
73 100
43 16.9 14.0 21.0
57 21.5 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 11.296 ug/L
RT: 2.751 min Scan# 532
Delta R.T. -0.003 min
Lab File: VV026713.D
Acq: 11 Jul 2022 20:45

Tgt Ion: 96 Resp: 213762
Ion Ratio Lower Upper
96 100
61 130.4 94.7 175.9
98 62.2 47.4 88.0





#19

1,1-Dichloroethane

Concen: 10.859 ug/L

RT: 3.182 min Scan# 666

Delta R.T. 0.000 min

Lab File: VV026713.D

Acq: 11 Jul 2022 20:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD010204

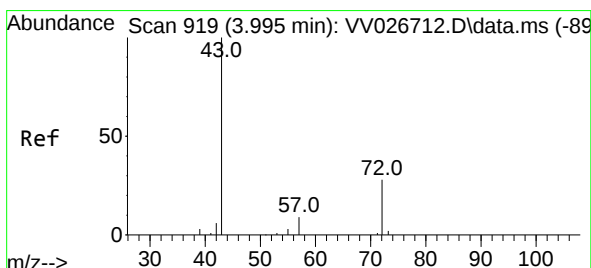
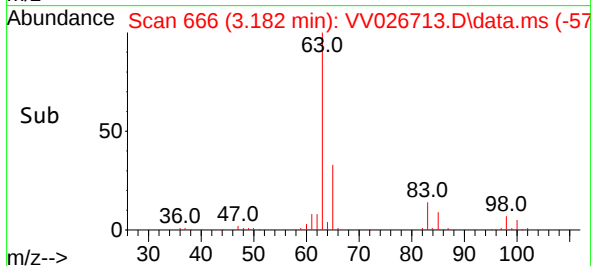
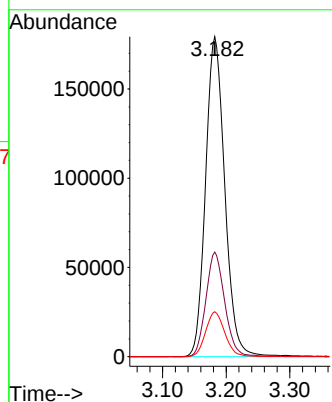
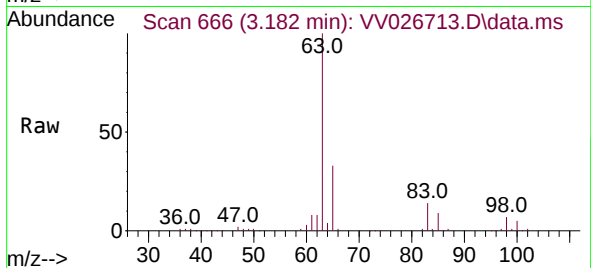
Tgt Ion: 63 Resp: 376006

Ion Ratio Lower Upper

63 100

65 32.7 22.3 41.3

83 14.1 9.9 18.5



#21

2-Butanone

Concen: 124.300 ug/L

RT: 3.989 min Scan# 917

Delta R.T. -0.006 min

Lab File: VV026713.D

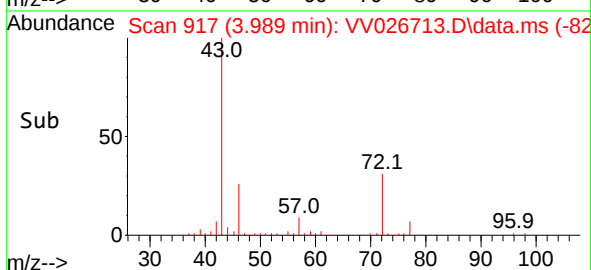
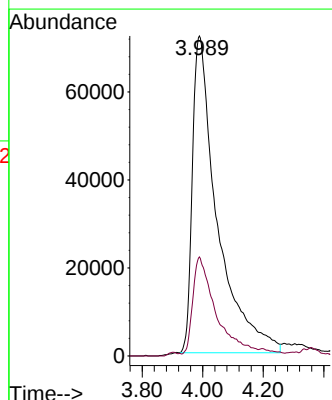
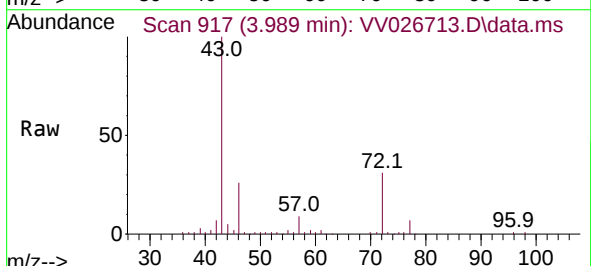
Acq: 11 Jul 2022 20:45

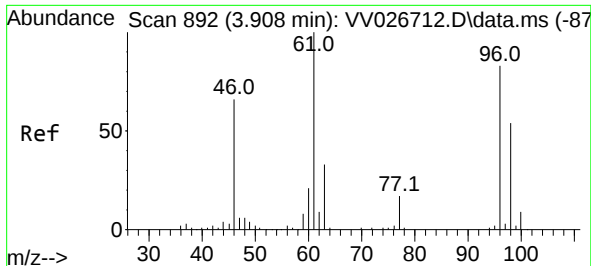
Tgt Ion: 43 Resp: 410178

Ion Ratio Lower Upper

43 100

72 28.7 13.9 41.7





#22

cis-1,2-Dichloroethene

Concen: 11.532 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.003 min

Lab File: VV026713.D

Acq: 11 Jul 2022 20:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD010204

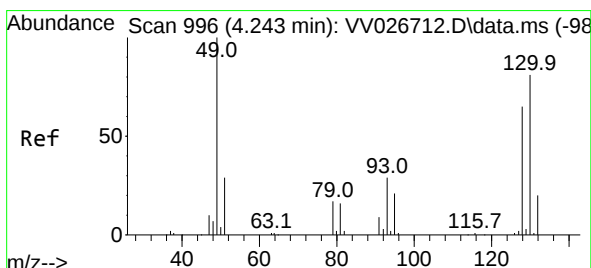
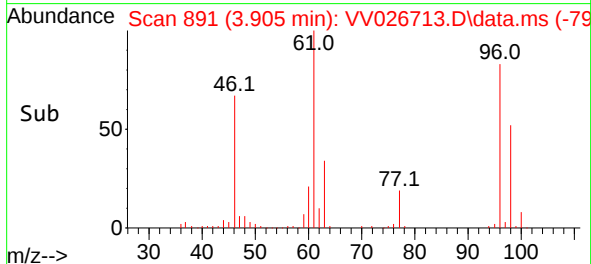
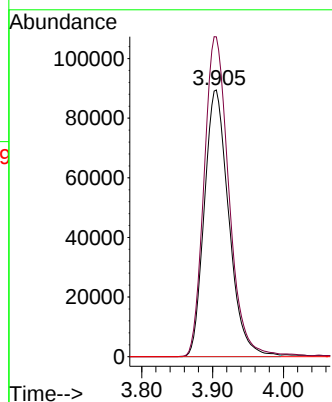
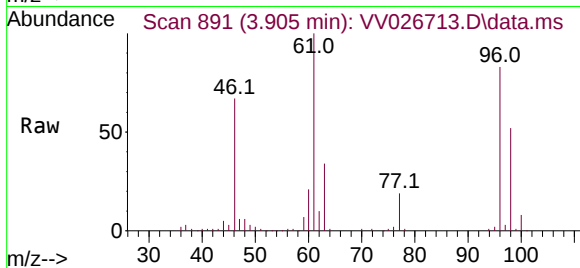
Tgt Ion: 96 Resp: 214833

Ion Ratio Lower Upper

96 100

61 119.9 83.9 155.9

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 11.136 ug/L

RT: 4.243 min Scan# 996

Delta R.T. 0.000 min

Lab File: VV026713.D

Acq: 11 Jul 2022 20:45

Tgt Ion: 128 Resp: 97389

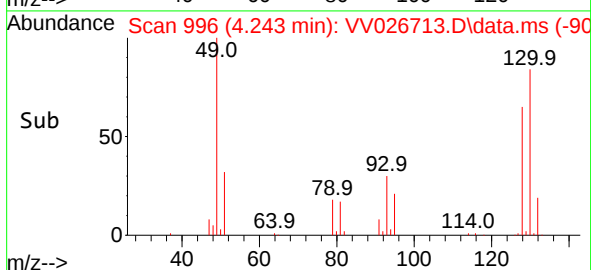
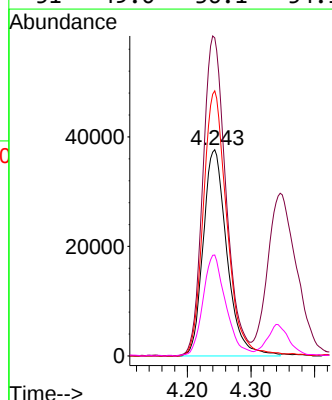
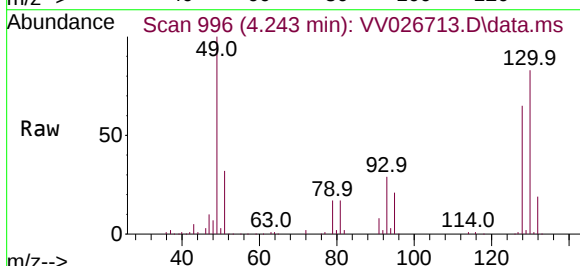
Ion Ratio Lower Upper

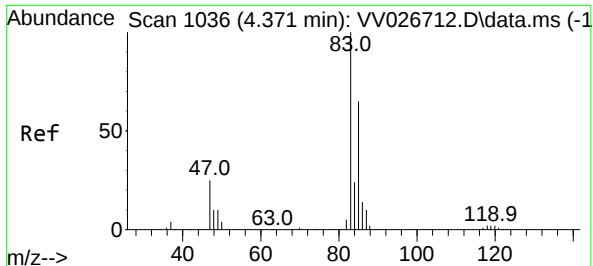
128 100

49 154.3 107.2 199.2

130 128.5 87.1 161.7

51 49.0 36.1 54.1

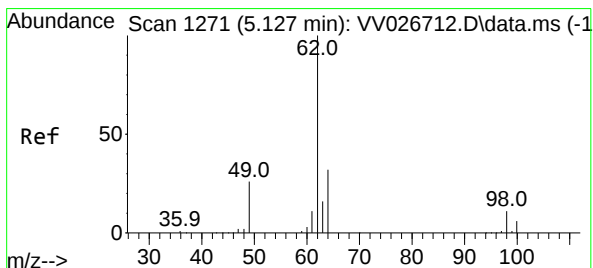
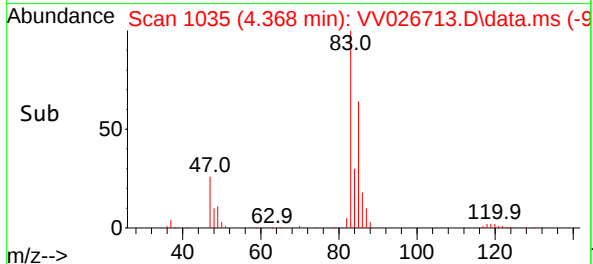
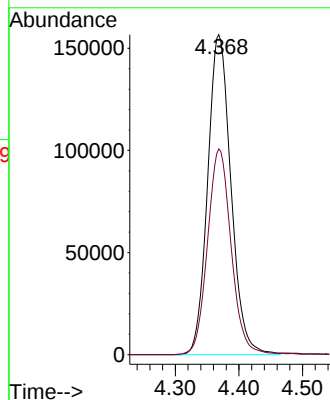
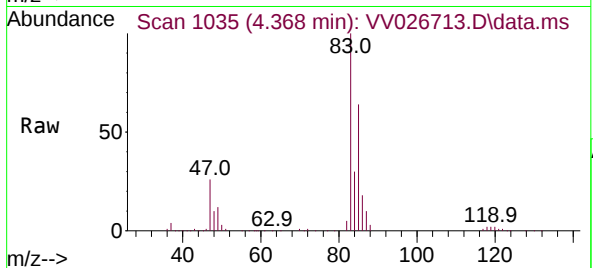




#25
Chloroform
Concen: 10.912 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VV026713.D
Acq: 11 Jul 2022 20:45

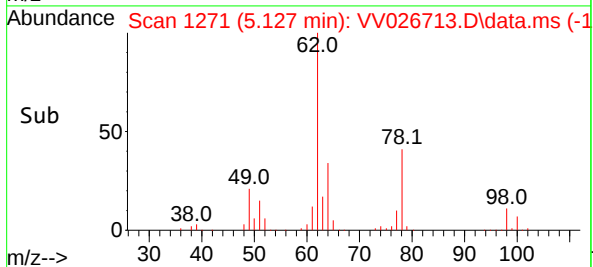
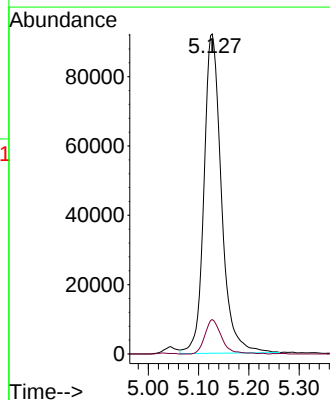
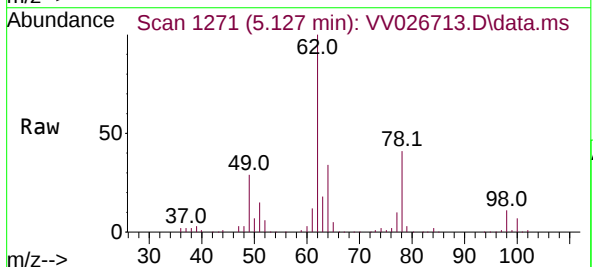
Instrument :
MSVOA_V
ClientSampleId :
VSTD010204

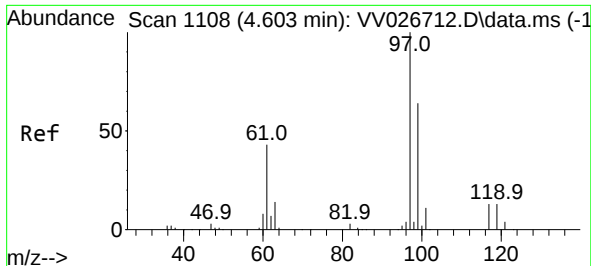
Tgt Ion: 83 Resp: 398562
Ion Ratio Lower Upper
83 100
85 64.3 45.7 84.9



#27
1,2-Dichloroethane
Concen: 11.309 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VV026713.D
Acq: 11 Jul 2022 20:45

Tgt Ion: 62 Resp: 222406
Ion Ratio Lower Upper
62 100
98 10.7 8.3 12.5





#29

1,1,1-Trichloroethane

Concen: 11.035 ug/L

RT: 4.600 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV026713.D

Acq: 11 Jul 2022 20:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD010204

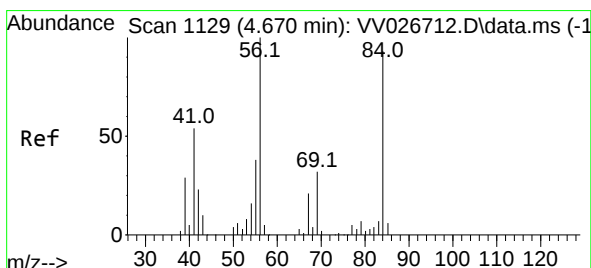
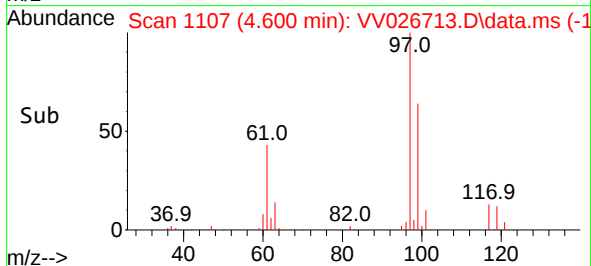
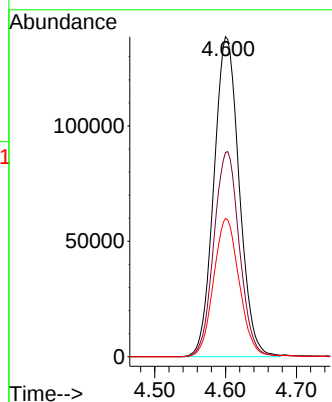
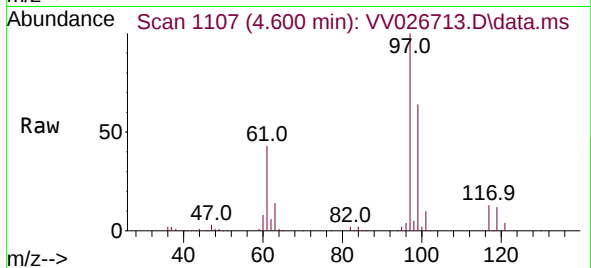
Tgt Ion: 97 Resp: 344583

Ion Ratio Lower Upper

97 100

99 64.9 51.3 76.9

61 43.8 35.1 52.7



#30

Cyclohexane

Concen: 12.565 ug/L

RT: 4.671 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VV026713.D

Acq: 11 Jul 2022 20:45

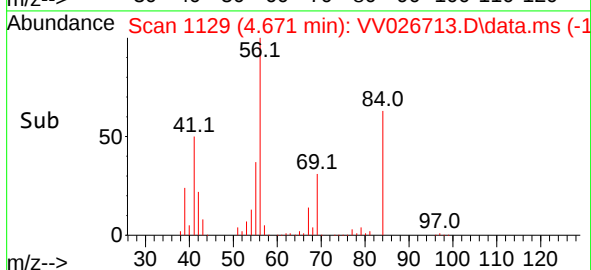
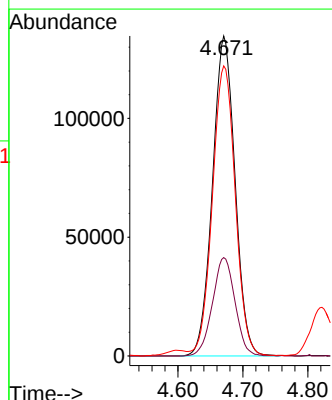
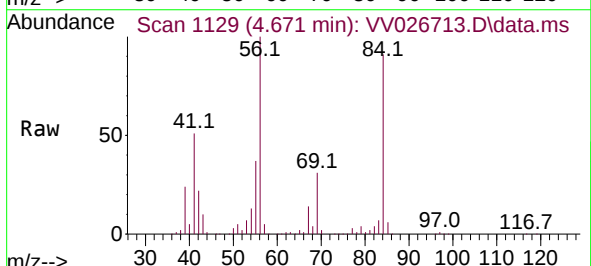
Tgt Ion: 56 Resp: 324380

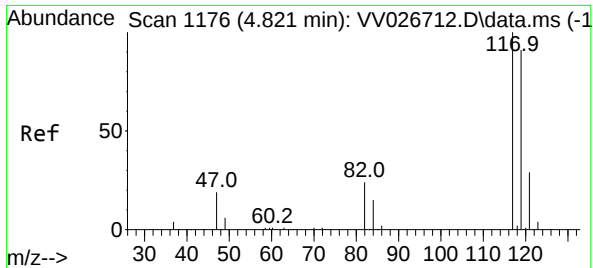
Ion Ratio Lower Upper

56 100

69 30.7 25.1 37.7

84 92.2 74.0 111.0

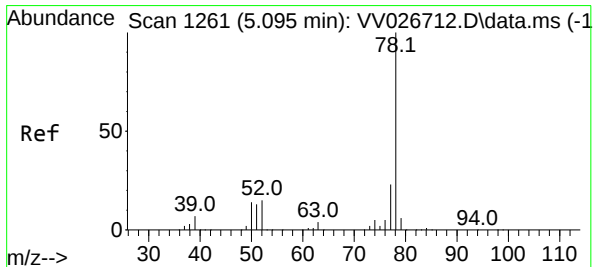
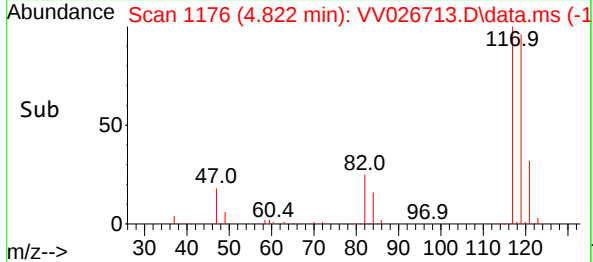
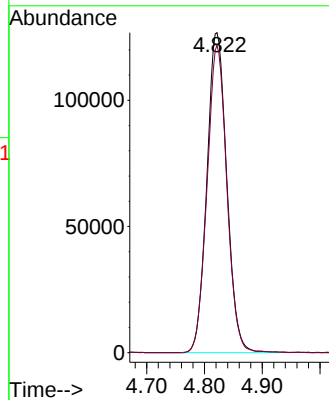
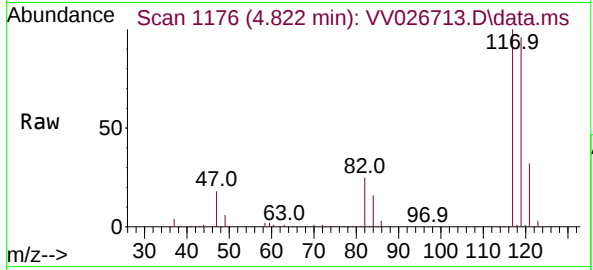




#31
Carbon tetrachloride
Concen: 11.019 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VV026713.D
Acq: 11 Jul 2022 20:45

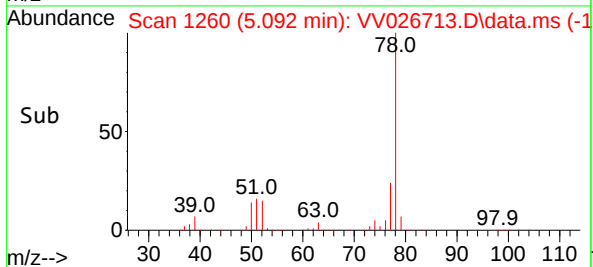
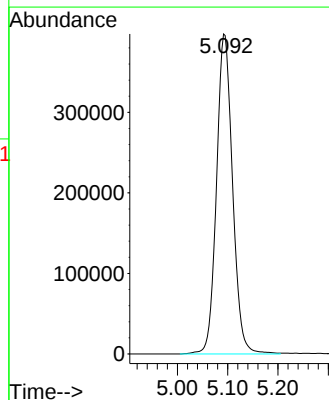
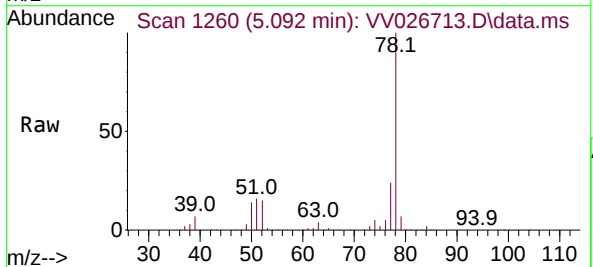
Instrument :
MSVOA_V
ClientSampleId :
VSTD010204

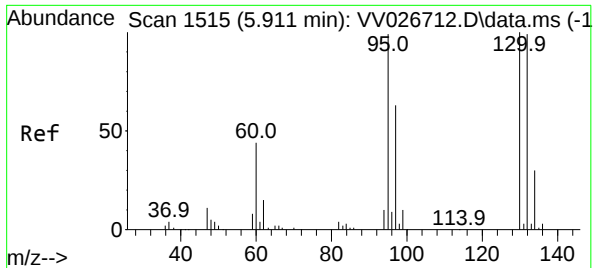
Tgt Ion:117 Resp: 303861
Ion Ratio Lower Upper
117 100
119 95.5 75.1 112.7



#33
Benzene
Concen: 11.634 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VV026713.D
Acq: 11 Jul 2022 20:45

Tgt Ion: 78 Resp: 881791



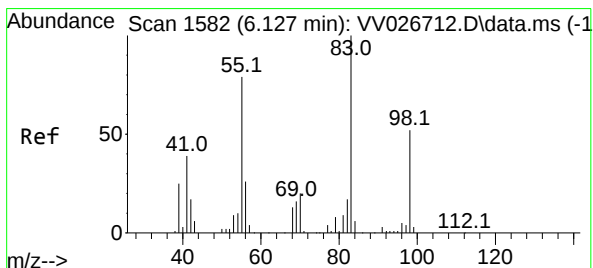
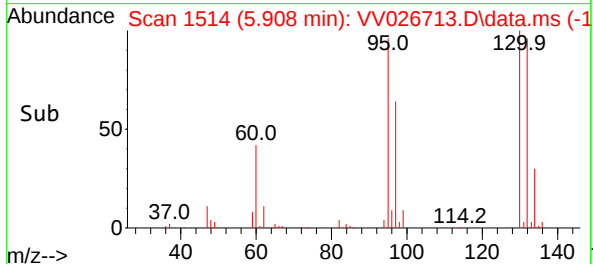
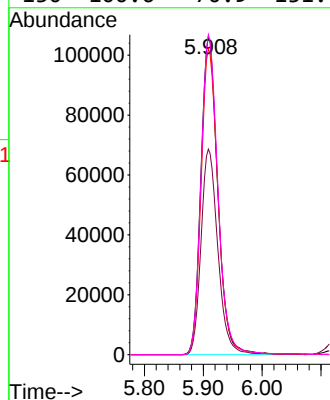
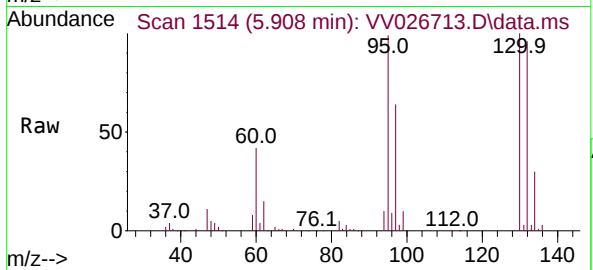


#34
Trichloroethene
Concen: 11.314 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.003 min
Lab File: VV026713.D
Acq: 11 Jul 2022 20:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD010204

Tgt Ion: 95 Resp: 211773

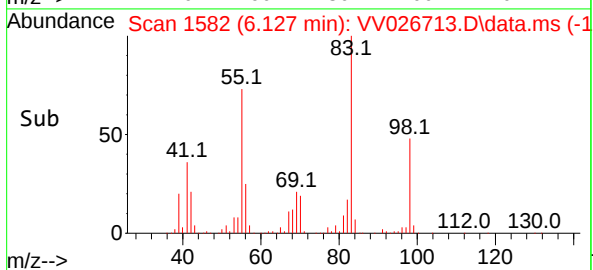
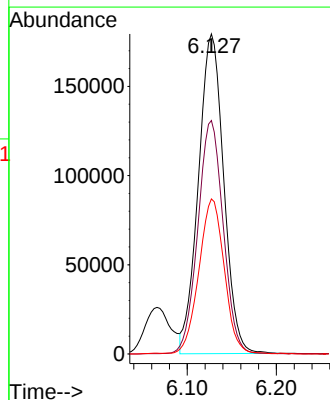
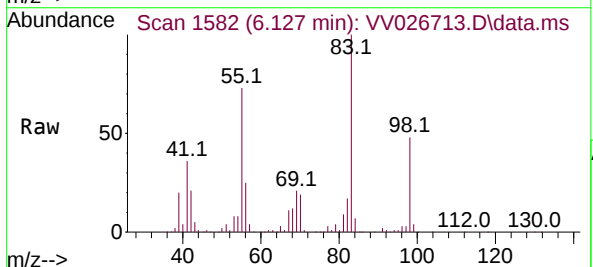
Ion	Ratio	Lower	Upper
95	100		
97	64.6	44.6	82.8
132	96.3	70.2	130.4
130	100.6	70.9	131.7

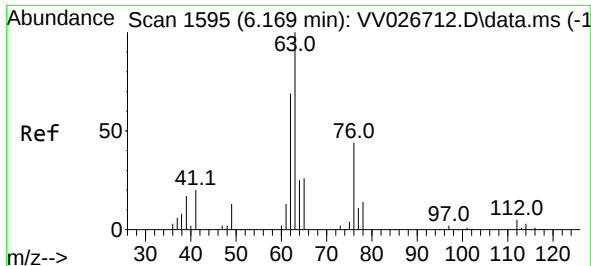


#35
Methylcyclohexane
Concen: 12.171 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV026713.D
Acq: 11 Jul 2022 20:45

Tgt Ion: 83 Resp: 353931

Ion	Ratio	Lower	Upper
83	100		
55	73.1	59.5	89.3
98	48.3	38.3	57.5





#37

1,2-Dichloropropane

Concen: 11.356 ug/L

RT: 6.169 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV026713.D

Acq: 11 Jul 2022 20:45

Instrument :

MSVOA_V

ClientSampleId :

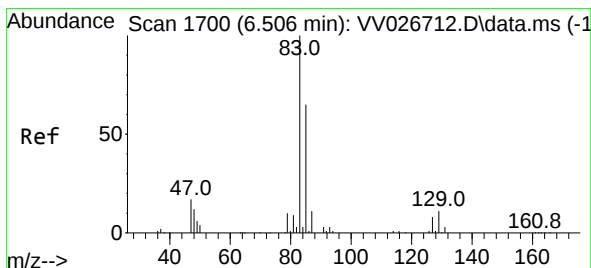
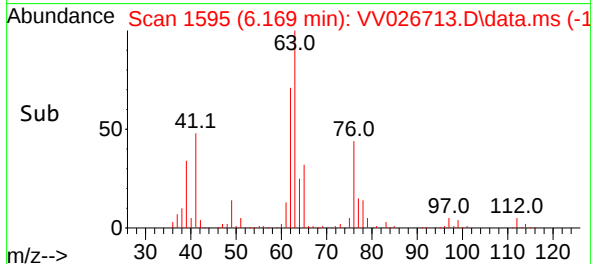
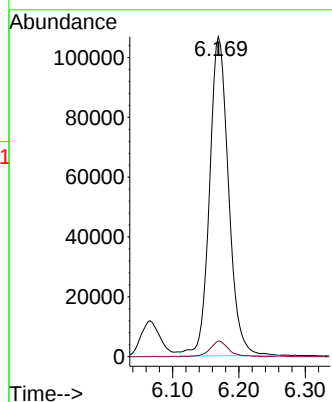
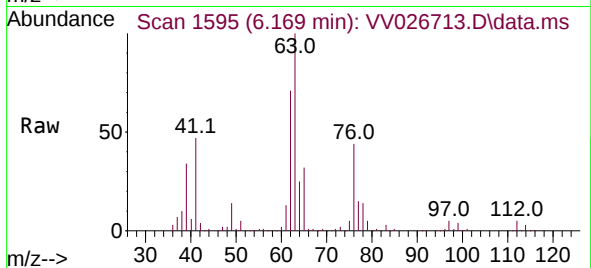
VSTD010204

Tgt Ion: 63 Resp: 212734

Ion Ratio Lower Upper

63 100

112 4.8 4.2 6.2



#38

Bromodichloromethane

Concen: 10.876 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV026713.D

Acq: 11 Jul 2022 20:45

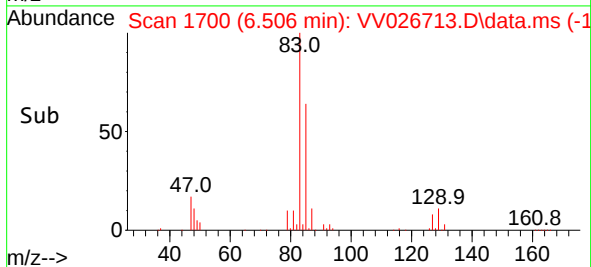
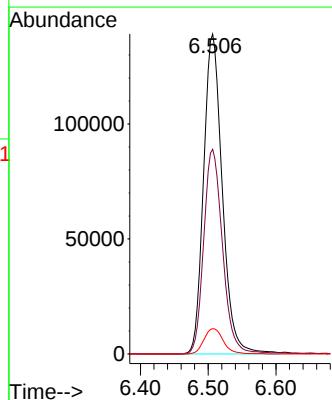
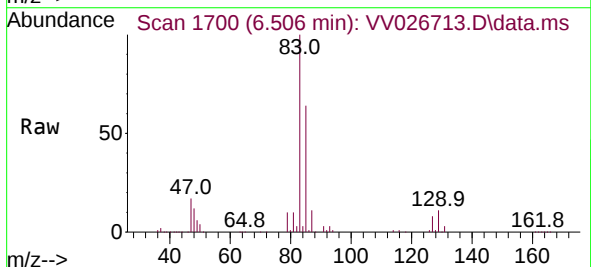
Tgt Ion: 83 Resp: 266703

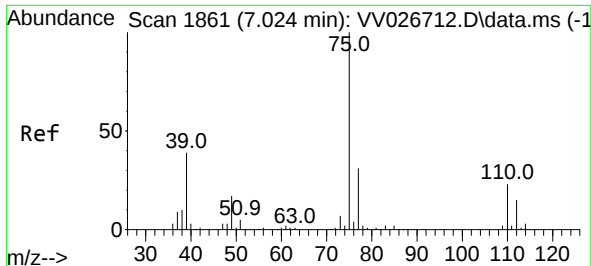
Ion Ratio Lower Upper

83 100

85 64.0 45.4 84.4

127 7.9 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 11.974 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV026713.D

Acq: 11 Jul 2022 20:45

Instrument :

MSVOA_V

ClientSampleId :

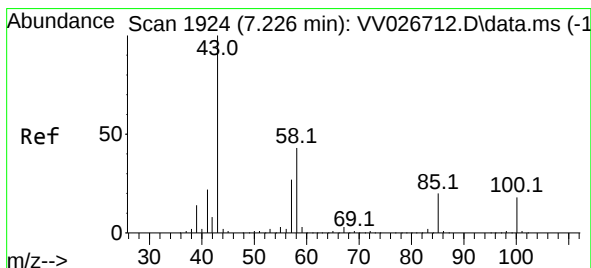
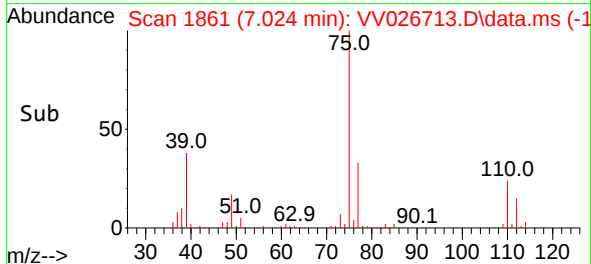
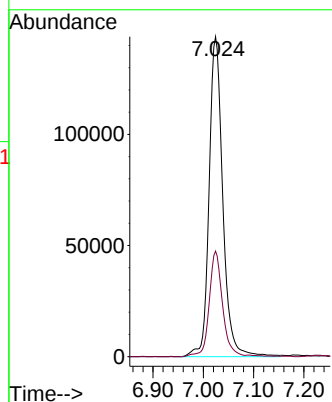
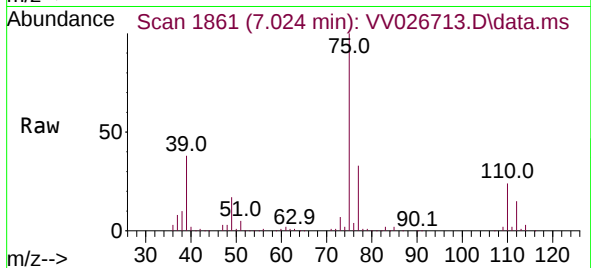
VSTD010204

Tgt Ion: 75 Resp: 272238

Ion Ratio Lower Upper

75 100

77 33.0 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 124.946 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV026713.D

Acq: 11 Jul 2022 20:45

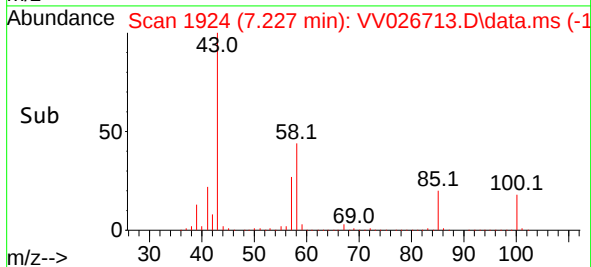
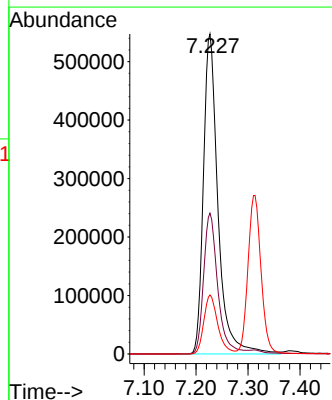
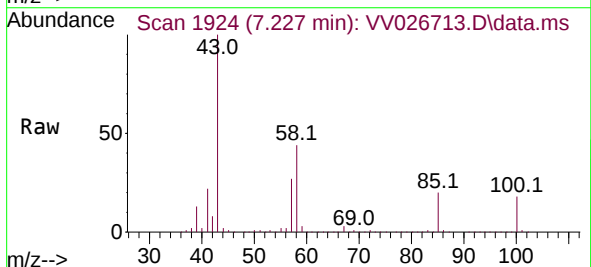
Tgt Ion: 43 Resp: 1064057

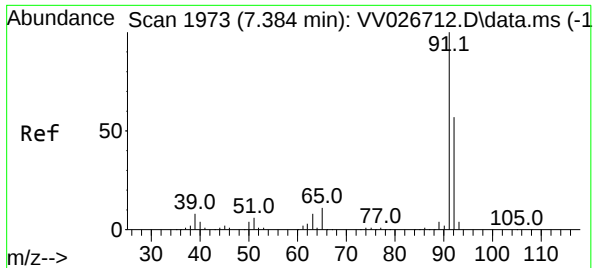
Ion Ratio Lower Upper

43 100

58 42.6 34.6 51.8

100 17.7 13.6 20.4

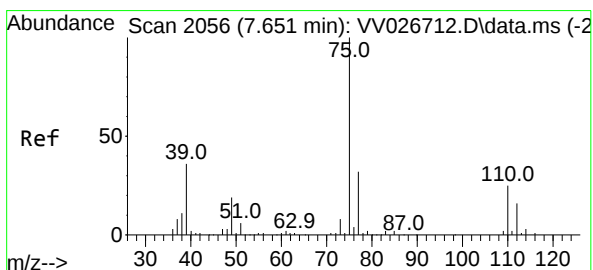
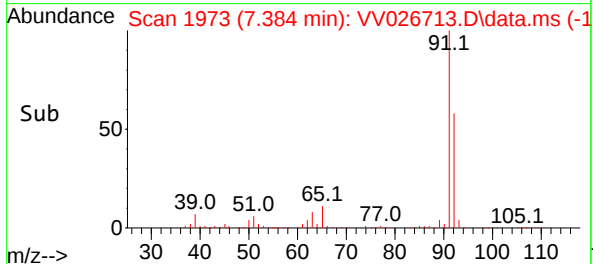
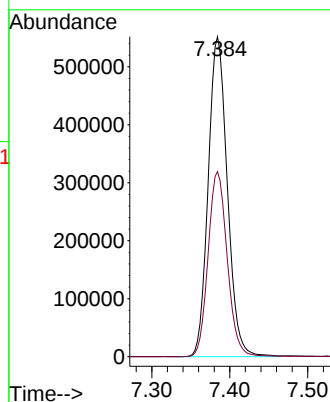
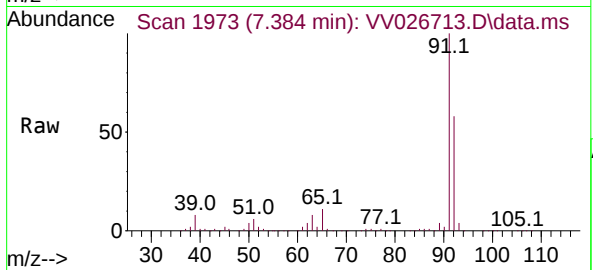




#42
Toluene
Concen: 12.148 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VV026713.D
Acq: 11 Jul 2022 20:45

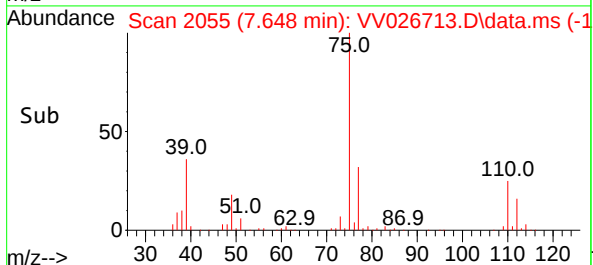
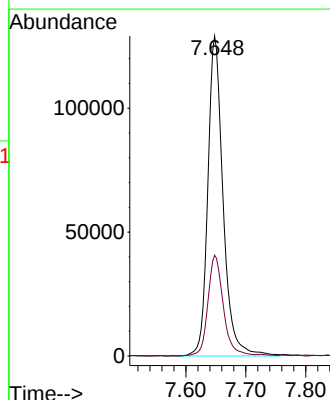
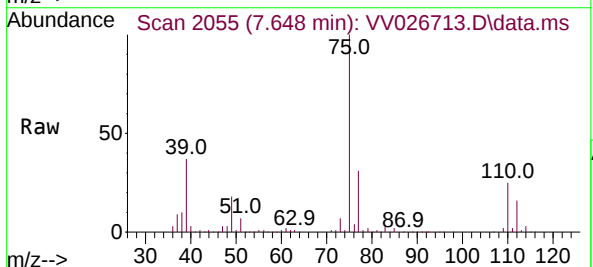
Instrument :
MSVOA_V
ClientSampleId :
VSTD010204

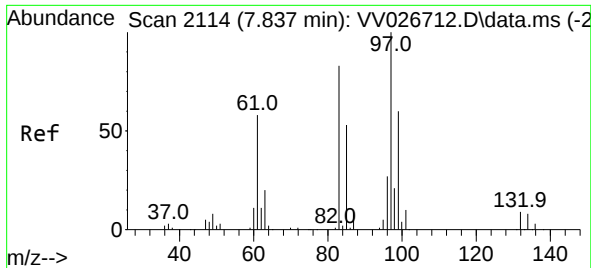
Tgt Ion: 91 Resp: 941553
Ion Ratio Lower Upper
91 100
92 57.8 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 12.148 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.003 min
Lab File: VV026713.D
Acq: 11 Jul 2022 20:45

Tgt Ion: 75 Resp: 228793
Ion Ratio Lower Upper
75 100
77 31.5 22.7 42.3

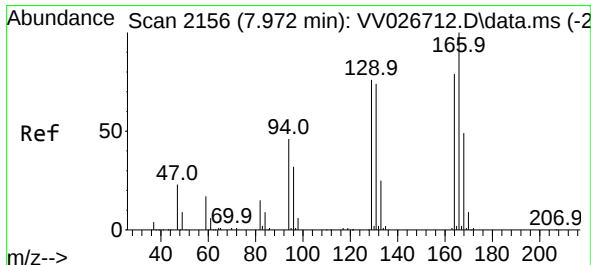
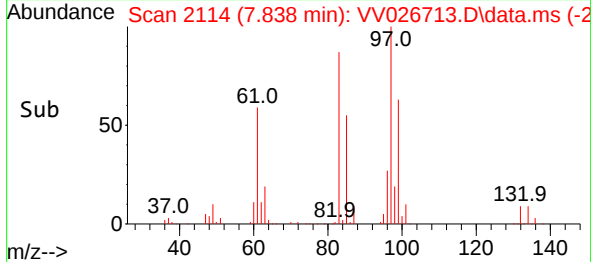
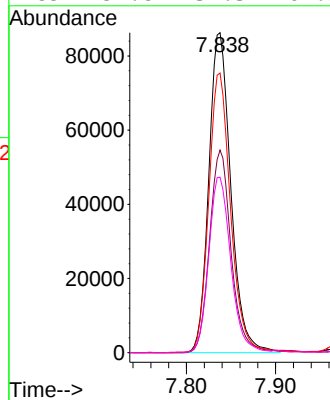
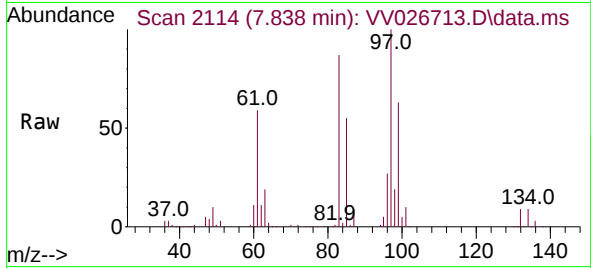




#45
1,1,2-Trichloroethane
Concen: 10.896 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV026713.D
Acq: 11 Jul 2022 20:45

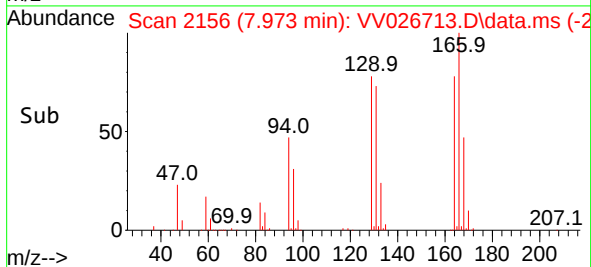
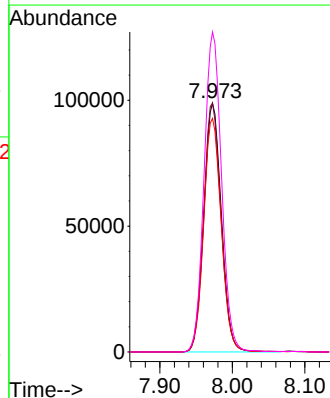
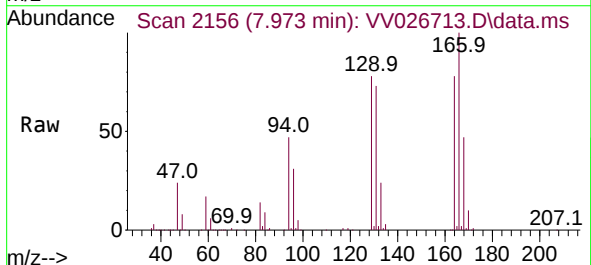
Instrument :
MSVOA_V
ClientSampleId :
VSTD010204

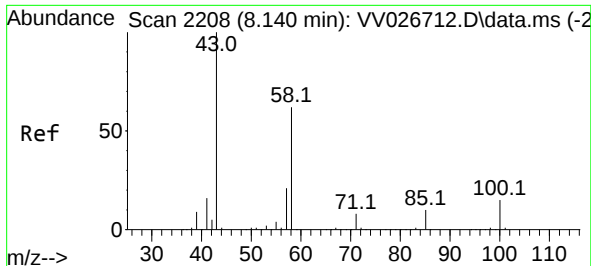
Tgt Ion: 97	Resp: 148291
Ion Ratio	Lower Upper
97 100	
99 63.3	41.9 77.9
83 87.4	58.1 107.9
85 54.8	37.3 69.3



#47
Tetrachloroethene
Concen: 11.306 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV026713.D
Acq: 11 Jul 2022 20:45

Tgt	Ion:164	Resp:	166283
Ion	Ratio	Lower	Upper
164	100		
129	100.0	67.8	125.8
131	93.8	65.9	122.5
166	128.6	88.8	164.8

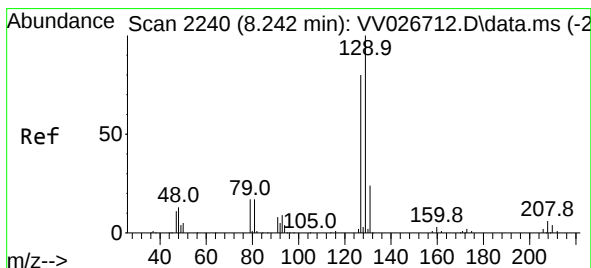
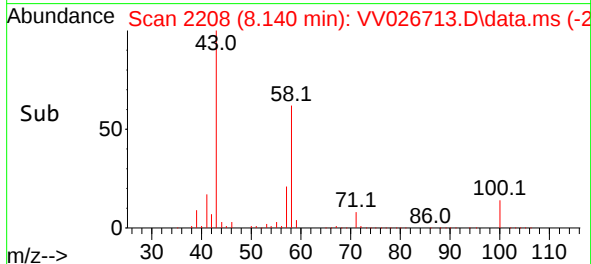
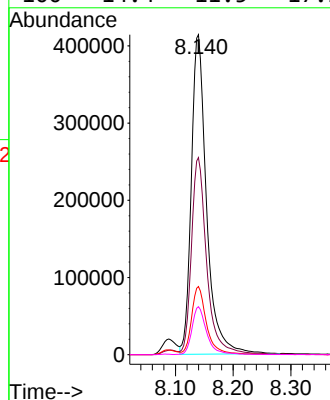
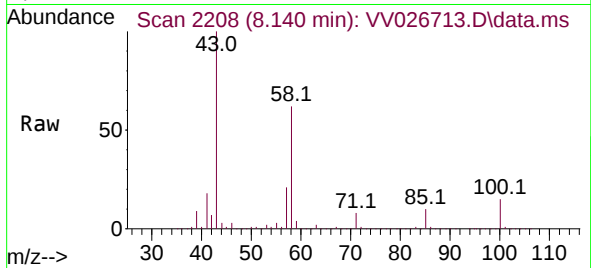




#48
2-Hexanone
Concen: 122.255 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026713.D
Acq: 11 Jul 2022 20:45

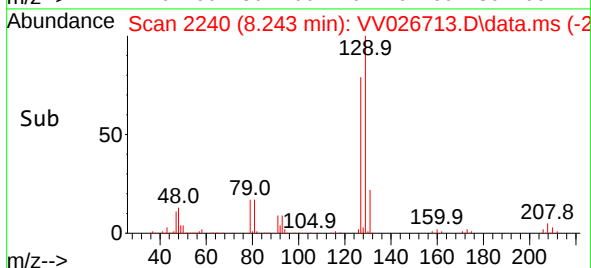
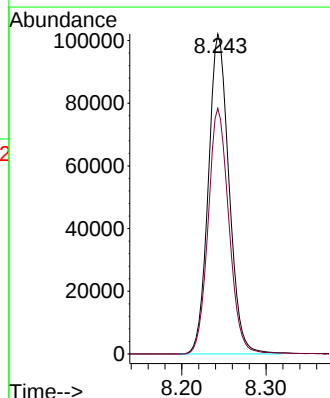
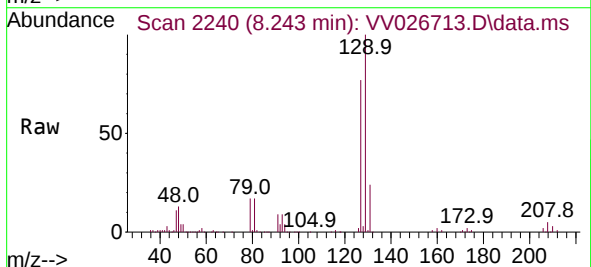
Instrument :
MSVOA_V
ClientSampleId :
VSTD010204

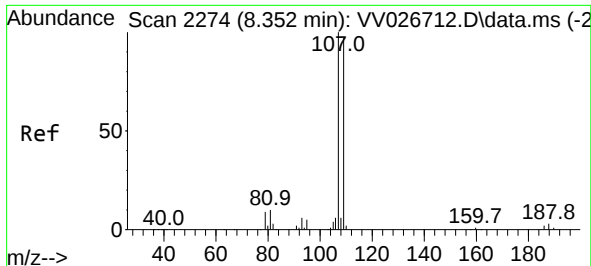
Tgt Ion: 43	Resp: 758580
Ion Ratio	Lower Upper
43 100	
58 61.4	47.9 71.9
57 20.9	16.3 24.5
100 14.4	11.5 17.3



#49
Dibromochloromethane
Concen: 11.231 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV026713.D
Acq: 11 Jul 2022 20:45

Tgt Ion:129	Resp: 173958
Ion Ratio	Lower Upper
129 100	
127 76.7	55.7 103.5





#50

1,2-Dibromoethane

Concen: 11.248 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV026713.D

Acq: 11 Jul 2022 20:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD010204

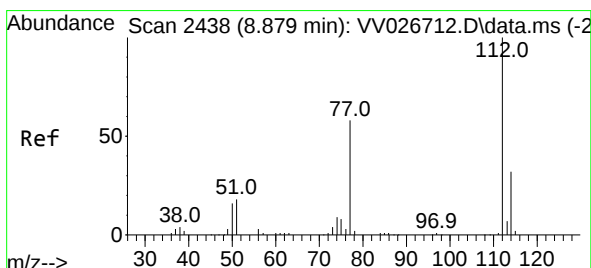
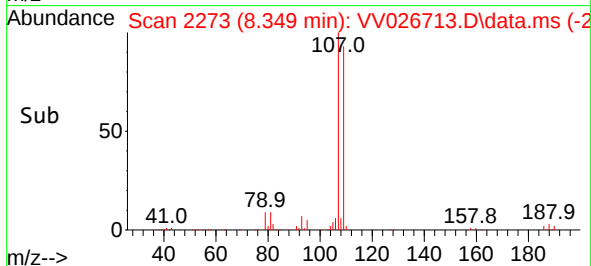
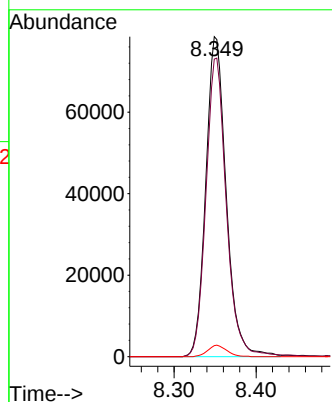
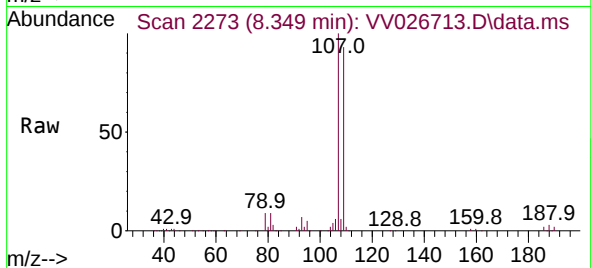
Tgt Ion:107 Resp: 135882

Ion Ratio Lower Upper

107 100

109 93.0 68.0 126.4

188 3.4 2.8 4.2



#51

Chlorobenzene

Concen: 11.399 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV026713.D

Acq: 11 Jul 2022 20:45

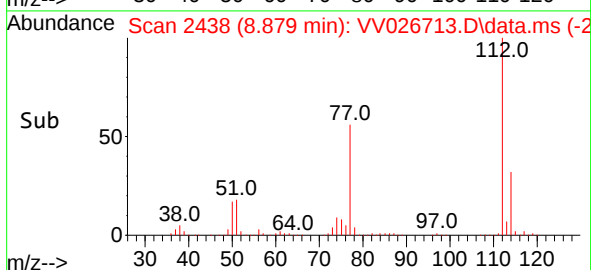
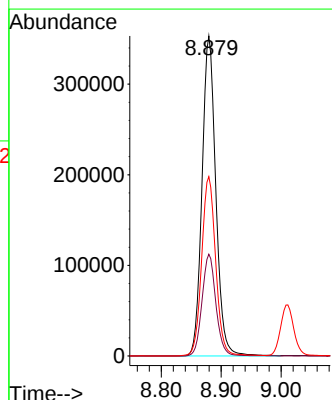
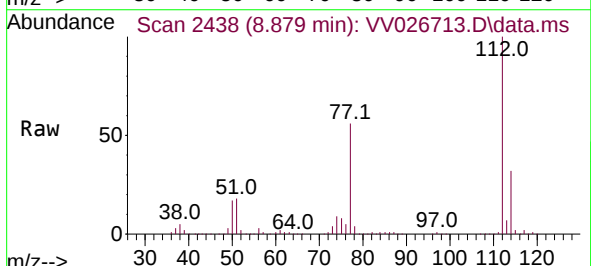
Tgt Ion:112 Resp: 566477

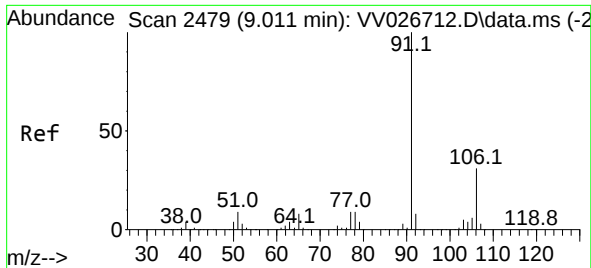
Ion Ratio Lower Upper

112 100

114 31.8 22.7 42.1

77 56.1 46.6 70.0

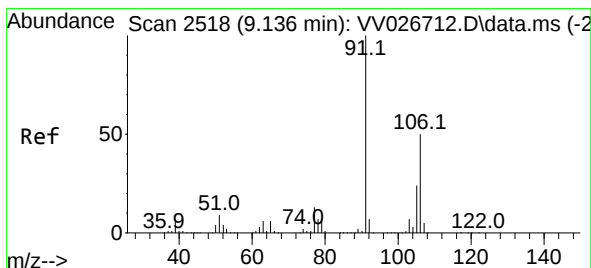
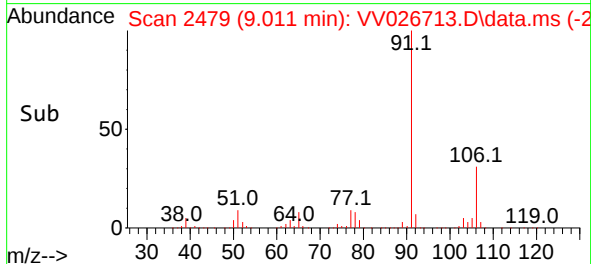
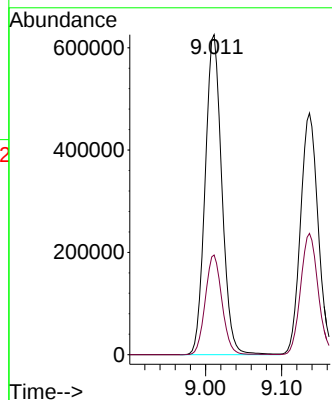
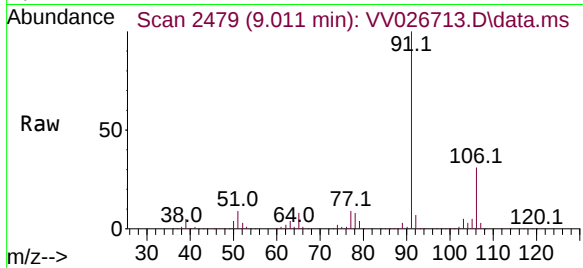




#52
Ethylbenzene
Concen: 12.175 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV026713.D
Acq: 11 Jul 2022 20:45

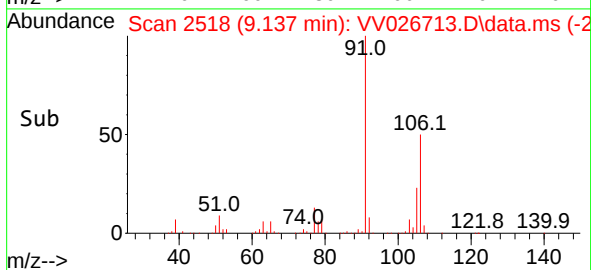
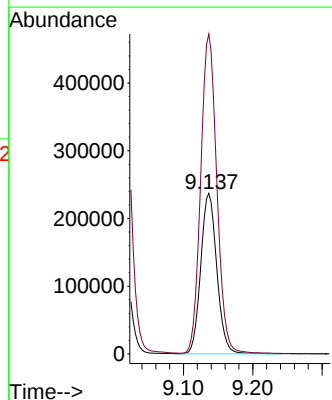
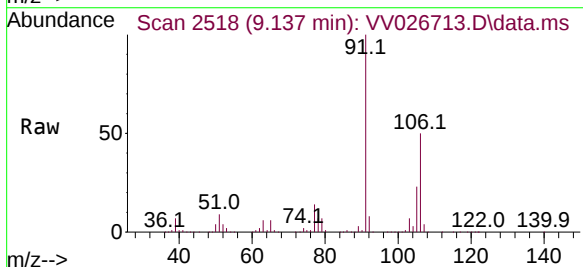
Instrument :
MSVOA_V
ClientSampleId :
VSTD010204

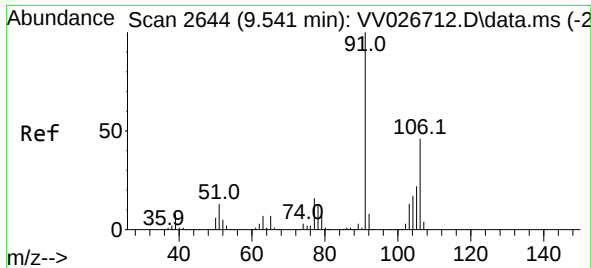
Tgt Ion: 91 Resp: 952826
Ion Ratio Lower Upper
91 100
106 31.2 21.6 40.2



#53
m,p-Xylene
Concen: 12.547 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV026713.D
Acq: 11 Jul 2022 20:45

Tgt Ion: 106 Resp: 380220
Ion Ratio Lower Upper
106 100
91 199.3 139.3 258.7

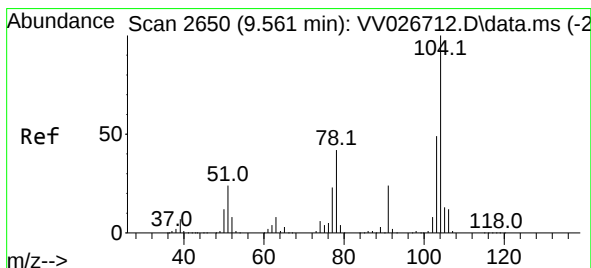
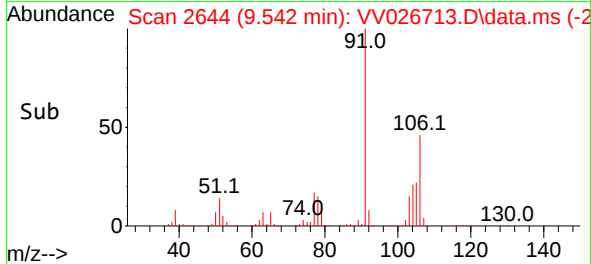
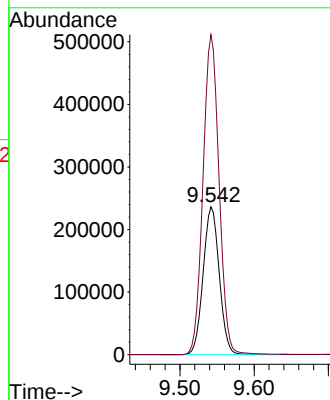
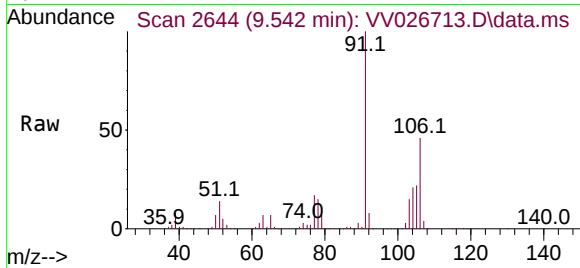




#54
o-Xylene
Concen: 12.596 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV026713.D
Acq: 11 Jul 2022 20:45

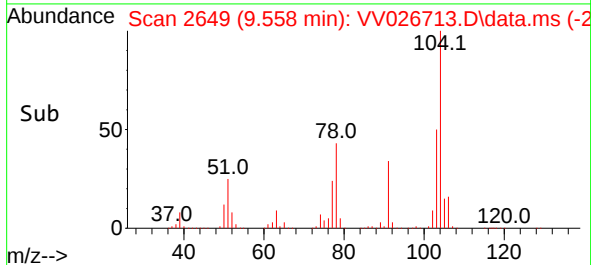
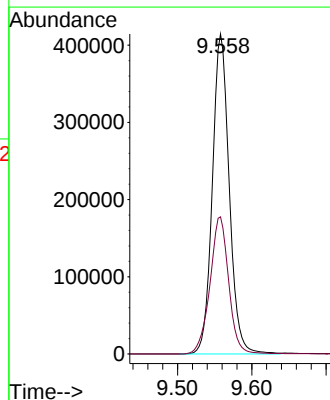
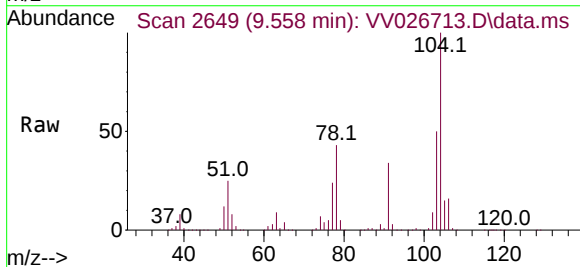
Instrument :
MSVOA_V
ClientSampleId :
VSTD010204

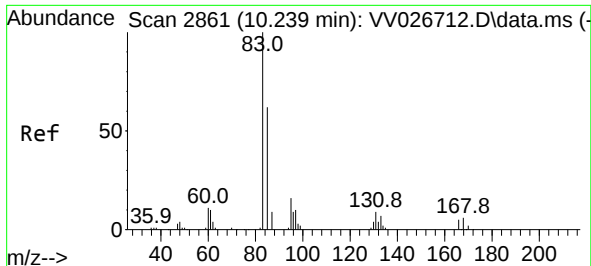
Tgt Ion:106 Resp: 356300
Ion Ratio Lower Upper
106 100
91 216.5 151.1 280.7



#55
Styrene
Concen: 12.997 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV026713.D
Acq: 11 Jul 2022 20:45

Tgt Ion:104 Resp: 653105
Ion Ratio Lower Upper
104 100
78 42.8 29.5 54.9

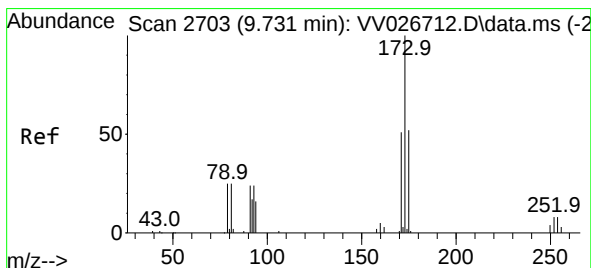
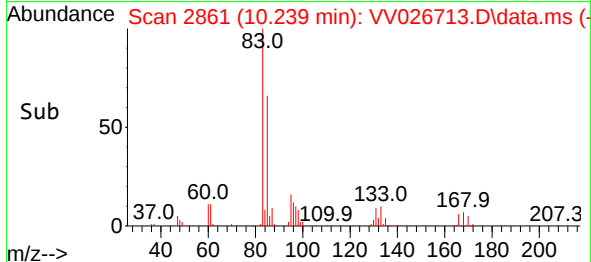
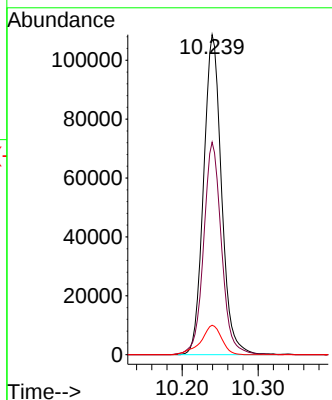
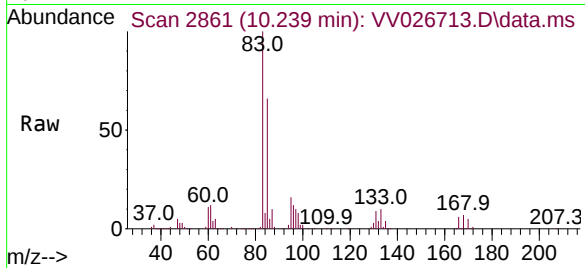




#57
1,1,2,2-Tetrachloroethane
Concen: 10.946 ug/L
RT: 10.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026713.D
Acq: 11 Jul 2022 20:45

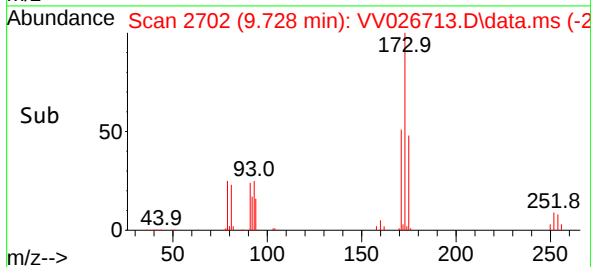
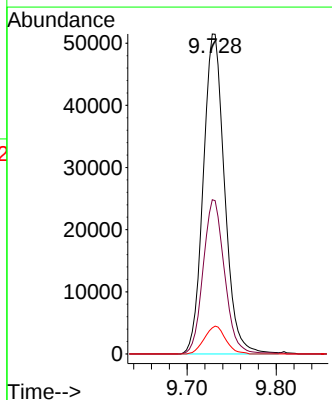
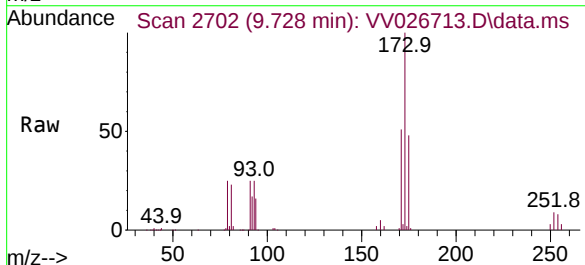
Instrument :
MSVOA_V
ClientSampleId :
VSTD010204

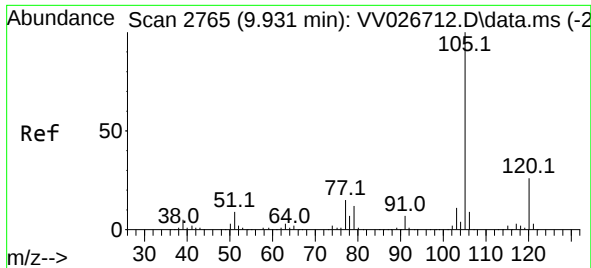
Tgt Ion:	83	Resp:	177683
Ion	Ratio	Lower	Upper
83	100		
85	66.4	43.6	81.0
131	9.2	7.4	11.2



#59
Bromoform
Concen: 10.468 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.003 min
Lab File: VV026713.D
Acq: 11 Jul 2022 20:45

Tgt Ion:	173	Resp:	85566
Ion	Ratio	Lower	Upper
173	100		
175	48.5	40.7	61.1
254	8.7	6.5	9.7

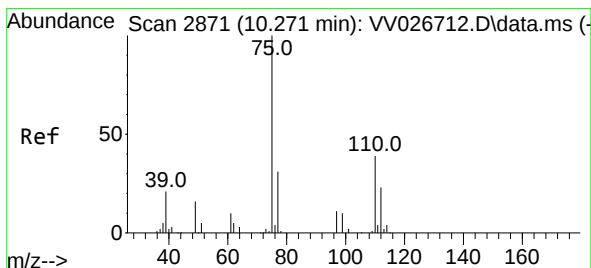
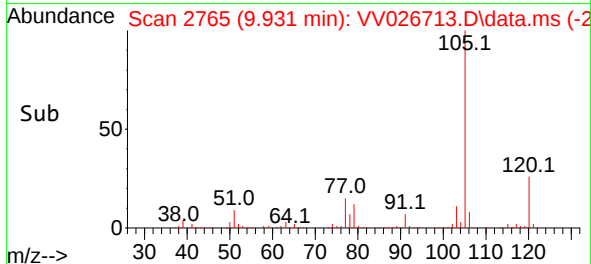
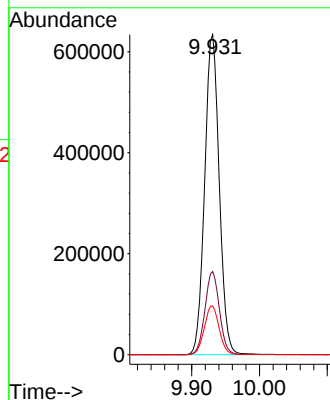
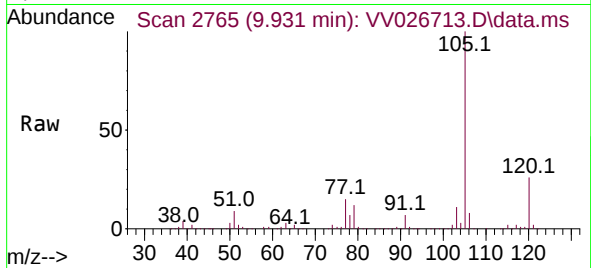




#60
Isopropylbenzene
Concen: 12.013 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV026713.D
Acq: 11 Jul 2022 20:45

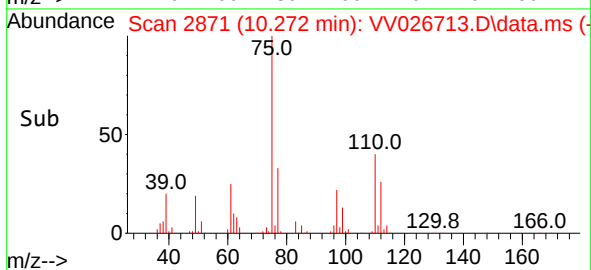
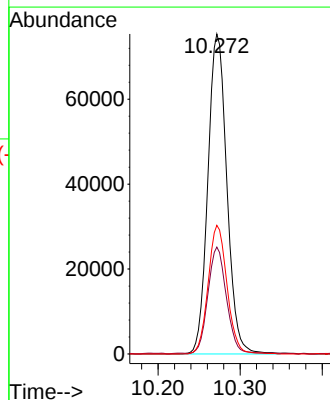
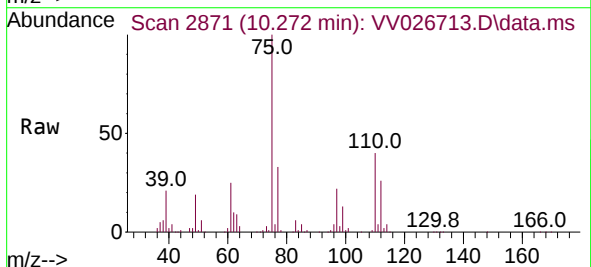
Instrument :
MSVOA_V
ClientSampleId :
VSTD010204

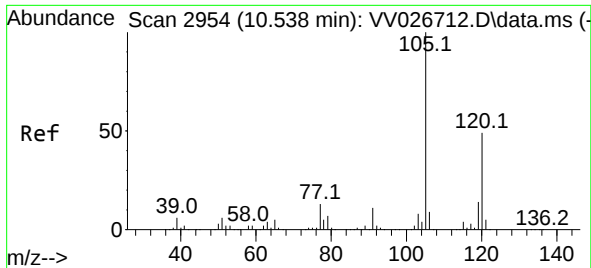
Tgt Ion:105 Resp: 945805
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1
77 15.6 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 10.425 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV026713.D
Acq: 11 Jul 2022 20:45

Tgt Ion: 75 Resp: 121507
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0
110 40.0 31.8 47.6

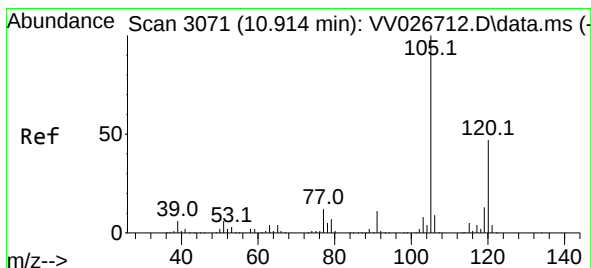
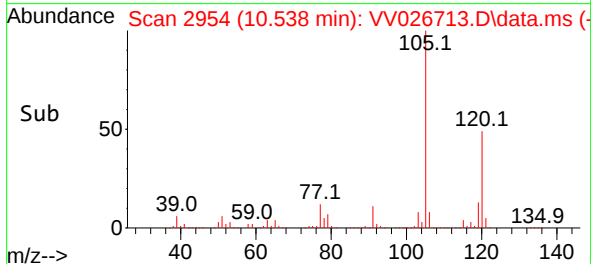
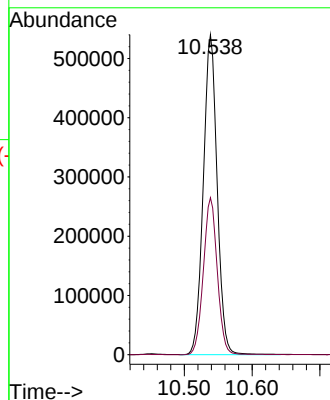
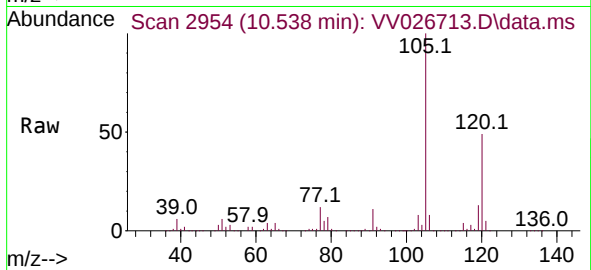




#62
1,3,5-Trimethylbenzene
Concen: 12.181 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV026713.D
Acq: 11 Jul 2022 20:45

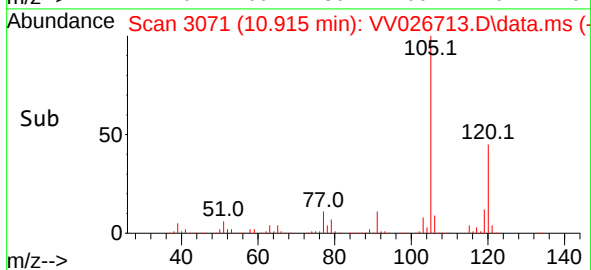
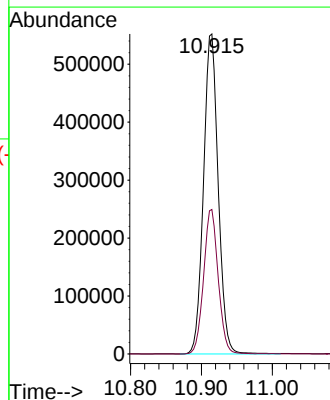
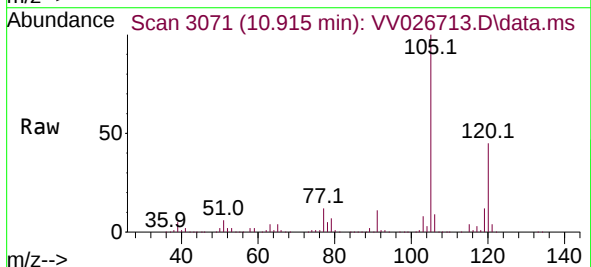
Instrument :
MSVOA_V
ClientSampleId :
VSTD010204

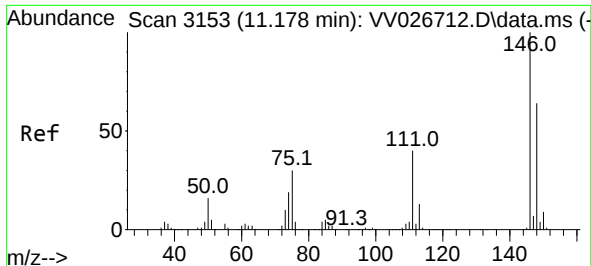
Tgt Ion:105 Resp: 765154
Ion Ratio Lower Upper
105 100
120 49.1 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 12.476 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV026713.D
Acq: 11 Jul 2022 20:45

Tgt Ion:105 Resp: 794283
Ion Ratio Lower Upper
105 100
120 44.8 36.8 55.2

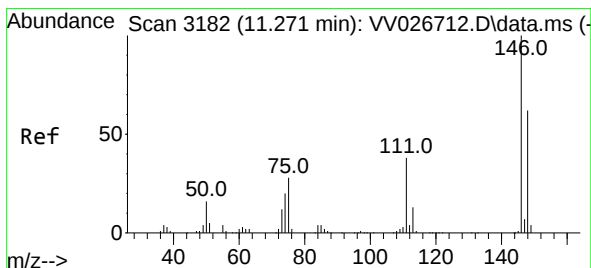
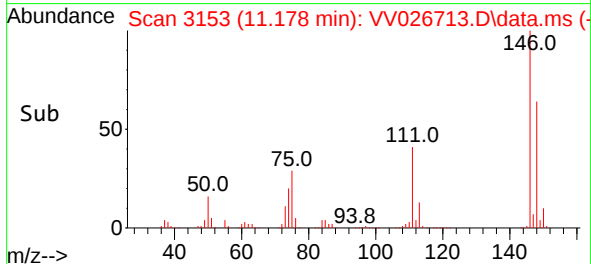
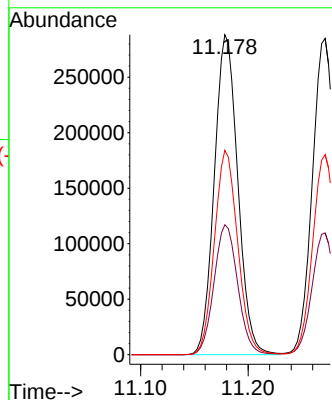
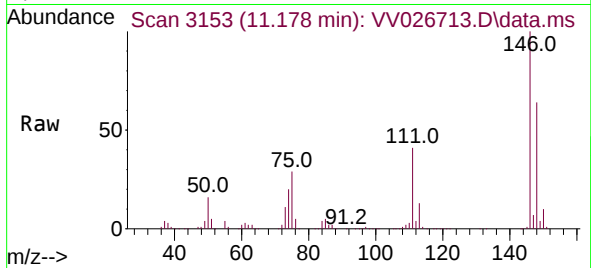




#64
1,3-Dichlorobenzene
Concen: 11.374 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV026713.D
Acq: 11 Jul 2022 20:45

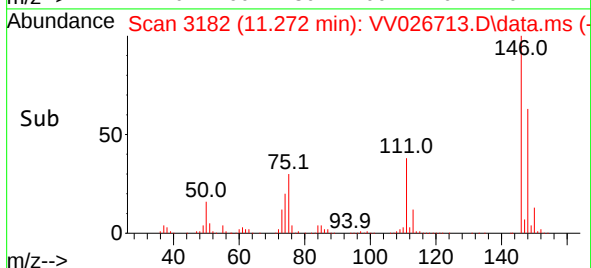
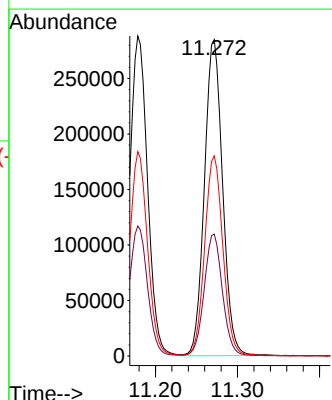
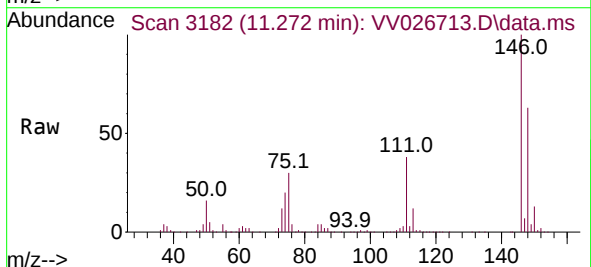
Instrument :
MSVOA_V
ClientSampleId :
VSTD010204

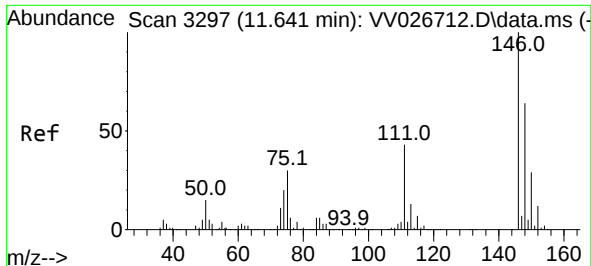
Tgt Ion:146 Resp: 437830
Ion Ratio Lower Upper
146 100
111 40.6 27.9 51.7
148 63.8 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 11.307 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026713.D
Acq: 11 Jul 2022 20:45

Tgt Ion:146 Resp: 438305
Ion Ratio Lower Upper
146 100
111 38.5 26.8 49.8
148 63.3 43.3 80.5





#67

1,2-Dichlorobenzene

Concen: 11.237 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV026713.D

Acq: 11 Jul 2022 20:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD010204

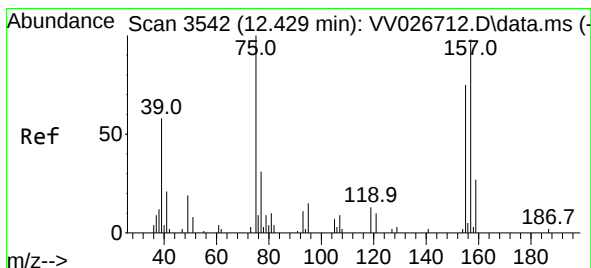
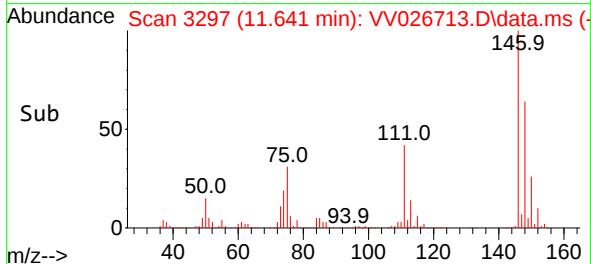
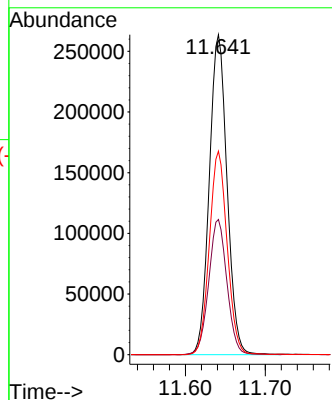
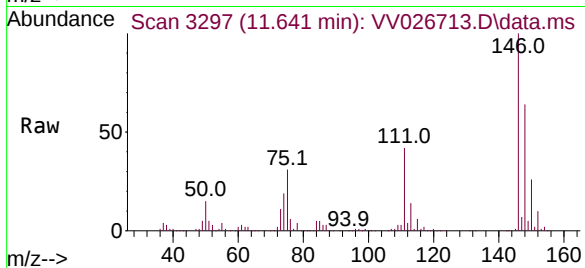
Tgt Ion:146 Resp: 406710

Ion Ratio Lower Upper

146 100

111 42.3 34.6 52.0

148 63.6 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 10.630 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.003 min

Lab File: VV026713.D

Acq: 11 Jul 2022 20:45

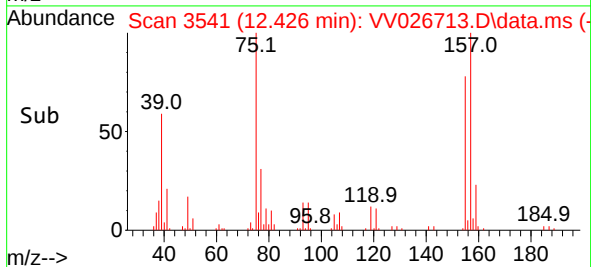
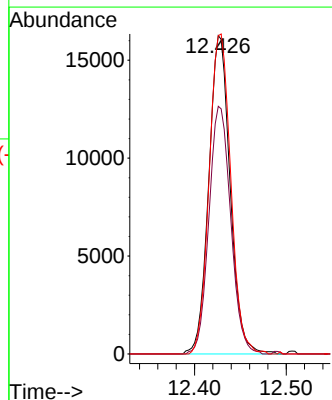
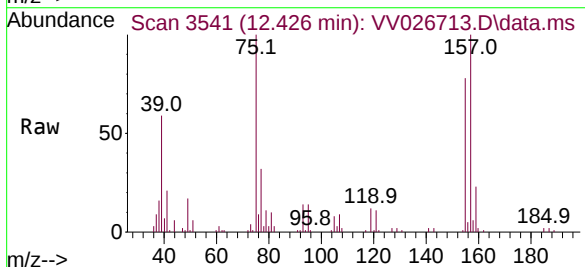
Tgt Ion: 75 Resp: 26318

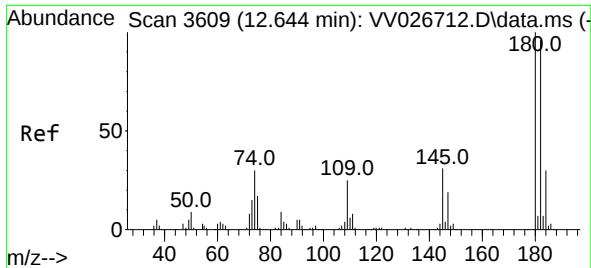
Ion Ratio Lower Upper

75 100

155 77.8 60.3 90.5

157 99.9 78.2 117.4



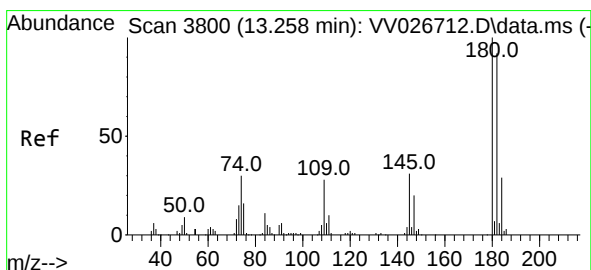
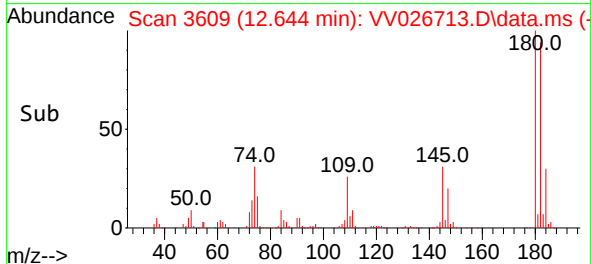
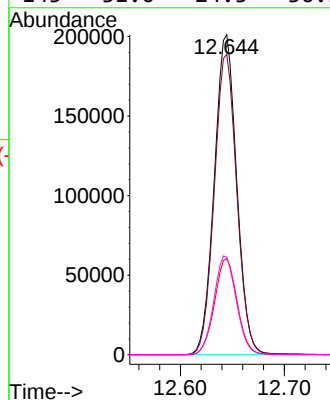
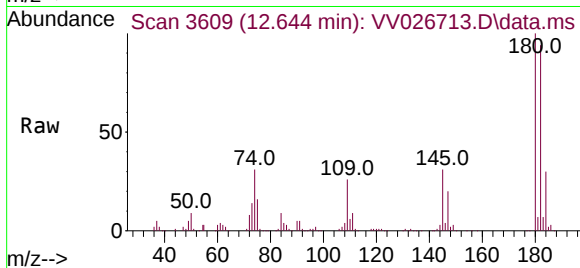


#69
 1,3,5-Trichlorobenzene
 Concen: 11.070 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV026713.D
 Acq: 11 Jul 2022 20:45

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010204

Tgt Ion:180 Resp: 301563

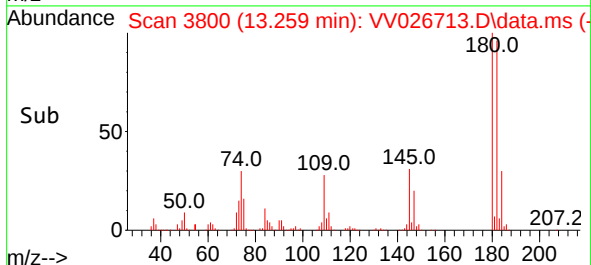
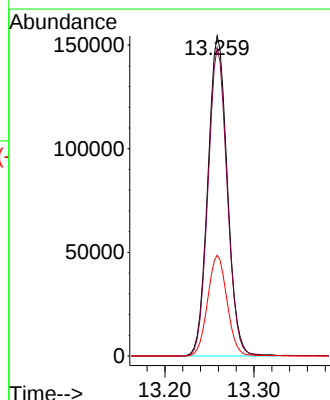
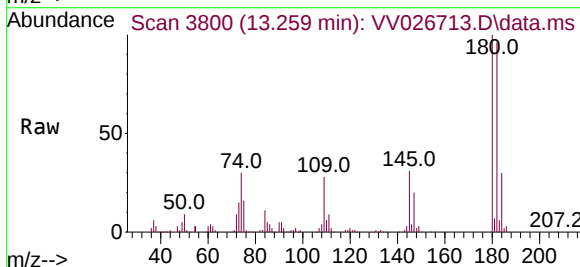
Ion	Ratio	Lower	Upper
180	100		
182	94.2	74.0	111.0
184	30.3	23.1	34.7
145	31.0	24.3	36.5

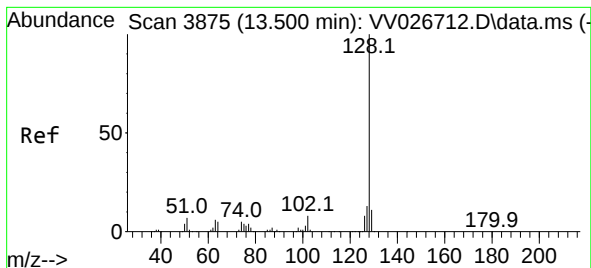


#70
 1,2,4-trichlorobenzene
 Concen: 11.236 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV026713.D
 Acq: 11 Jul 2022 20:45

Tgt Ion:180 Resp: 234179

Ion	Ratio	Lower	Upper
180	100		
182	94.8	74.7	112.1
145	31.4	24.7	37.1





#71

Naphthalene

Concen: 11.630 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV026713.D

Acq: 11 Jul 2022 20:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD010204

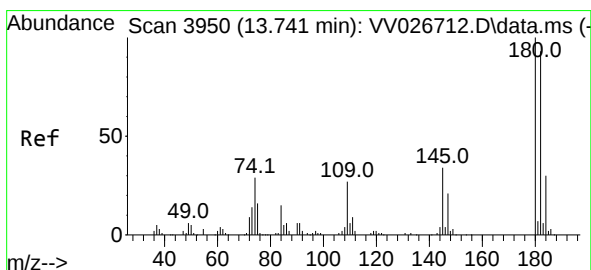
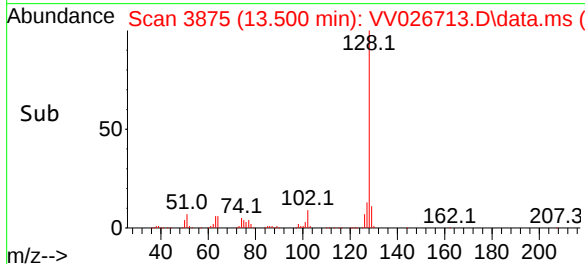
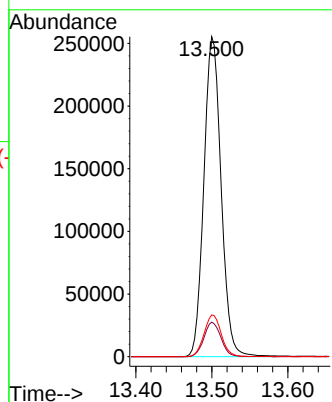
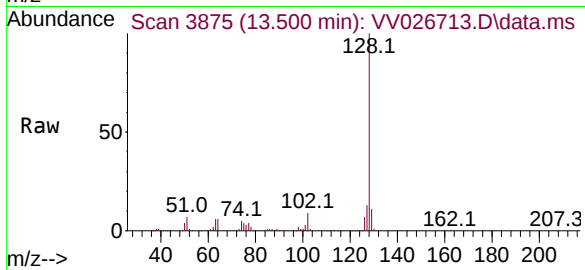
Tgt Ion:128 Resp: 401819

Ion Ratio Lower Upper

128 100

129 10.6 8.4 12.6

127 13.0 10.7 16.1



#72

1,2,3-Trichlorobenzene

Concen: 11.621 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV026713.D

Acq: 11 Jul 2022 20:45

Tgt Ion:180 Resp: 223832

Ion Ratio Lower Upper

180 100

182 95.4 75.0 112.4

145 33.4 26.0 39.0

