

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072822\
 Data File : VW027045.D
 Acq On : 28 Jul 2022 18:20
 Operator : SY/MD
 Sample : VSTD05042
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050242

Quant Time: Jul 29 01:28:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 29 01:24:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	571498	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	564104	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	308865	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	265874	48.900	ug/L	0.00
7) Chloroethane-d5	1.561	69	211164	49.018	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	461857	49.896	ug/L	0.00
21) 2-Butanone-d5	3.883	46	300548	92.327	ug/L	0.00
24) Chloroform-d	4.342	84	491319	50.173	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	282159	50.758	ug/L	0.00
32) Benzene-d6	5.043	84	1005793	50.774	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	305472	50.383	ug/L	0.00
41) Toluene-d8	7.313	98	946589	52.867	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	139633	52.135	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	282180	108.263	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.213	84	464007	50.758	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	342288	49.298	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	309817	52.235	ug/L	100
3) Chloromethane	1.236	50	283530	52.278	ug/L	100
5) Vinyl chloride	1.304	62	301609	52.428	ug/L	100
6) Bromomethane	1.516	94	181202	51.288	ug/L	100
8) Chloroethane	1.577	64	176870	52.364	ug/L	100
9) Trichlorofluoromethane	1.748	101	389974	52.839	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	221565	52.004	ug/L	100
12) 1,1-Dichloroethene	2.111	96	217300	52.200	ug/L	100
13) Acetone	2.172	43	155076	72.627	ug/L	73
14) Carbon disulfide	2.285	76	679668	51.464	ug/L	100
15) Methyl Acetate	2.429	43	201965	52.925	ug/L	100
16) Methylene chloride	2.500	84	268338	50.570	ug/L	100
17) trans-1,2-Dichloroethene	2.754	96	239131	52.470	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	670625	53.572	ug/L	100
19) 1,1-Dichloroethane	3.182	63	416225	52.299	ug/L	100
20) cis-1,2-Dichloroethene	3.905	96	247146	52.440	ug/L	100
22) 2-Butanone	3.966	43	269042	92.288	ug/L	93
23) Bromochloromethane	4.243	128	135916	53.536	ug/L	100
25) Chloroform	4.371	83	439798	52.415	ug/L	100
27) 1,2-Dichloroethane	5.127	62	301041	52.138	ug/L	100
29) Cyclohexane	4.670	56	331803	54.745	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	380298	52.525	ug/L	100
31) Carbon tetrachloride	4.821	117	331573	52.606	ug/L	100
33) Benzene	5.095	78	980263	53.922	ug/L	100
34) Trichloroethene	5.911	95	244387	52.232	ug/L	100
35) Methylcyclohexane	6.127	83	392273	56.198	ug/L	100
37) 1,2-Dichloropropane	6.169	63	256021	56.271	ug/L	100
38) Bromodichloromethane	6.506	83	327056	54.120	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	360231	55.191	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	654509	113.734	ug/L	100
42) Toluene	7.384	91	1059326	56.517	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	353474	55.704	ug/L	100

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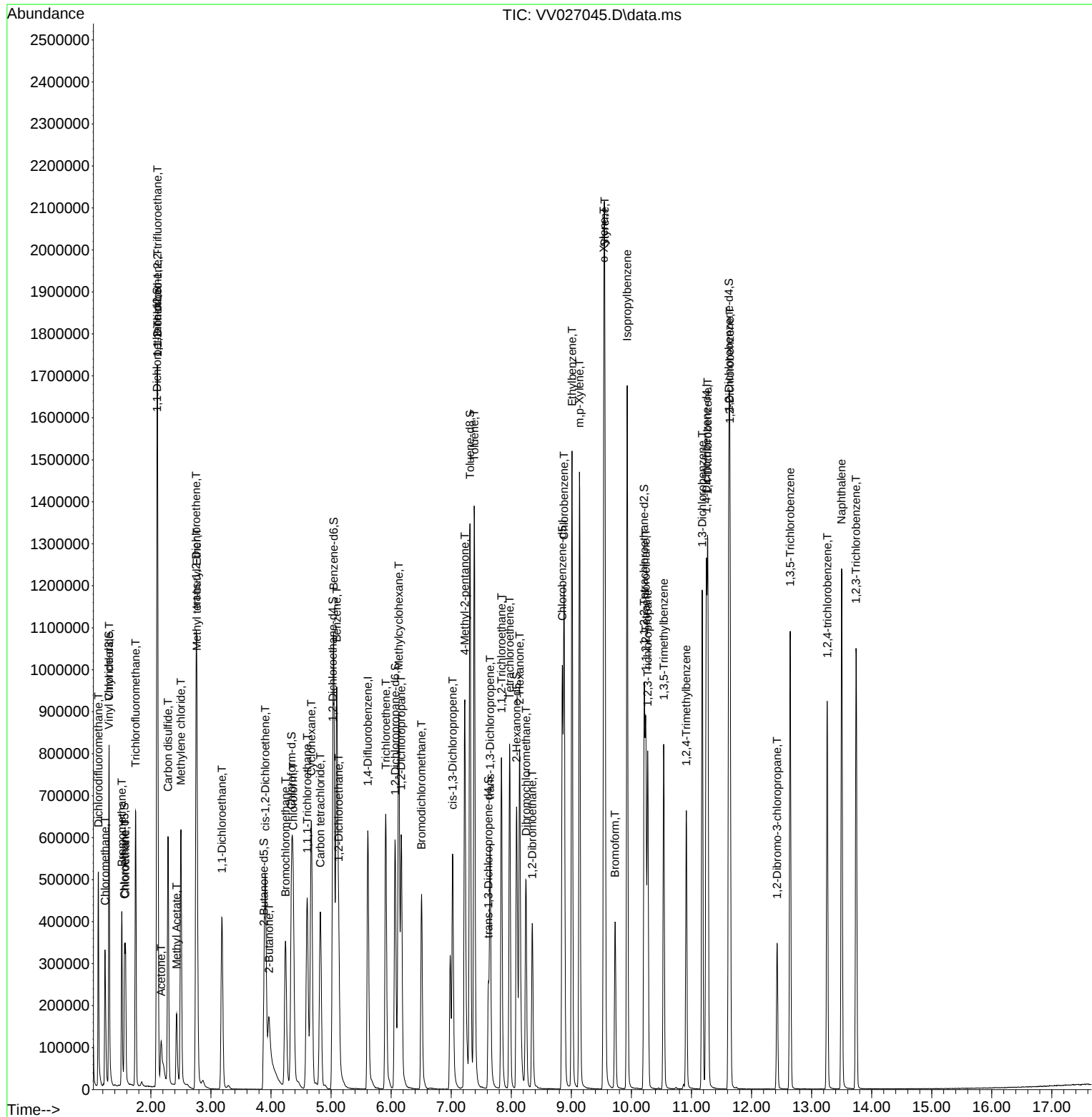
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.837	97	264478	54.295	ug/L	100
46) Tetrachloroethene	7.972	164	193204	52.792	ug/L	100
48) 2-Hexanone	8.140	43	530153	116.902	ug/L	100
49) Dibromochloromethane	8.246	129	270347	53.966	ug/L	100
50) 1,2-Dibromoethane	8.349	107	274418	53.724	ug/L	100
51) Chlorobenzene	8.879	112	674293	53.343	ug/L	100
52) Ethylbenzene	9.011	91	1060276	55.866	ug/L	100
53) m,p-Xylene	9.136	106	427662	57.289	ug/L	100
54) o-Xylene	9.541	106	412213	57.340	ug/L	100
55) Styrene	9.558	104	751123	59.700	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	420567	53.551	ug/L	100
59) Bromoform	9.728	173	181186	51.642	ug/L	100
60) Isopropylbenzene	9.931	105	1056612	54.819	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	331523	51.179	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	441793	53.552	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	356778	54.194	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	497614	53.182	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	509522	51.676	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	517829	52.993	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	87203	51.346	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	328313	51.733	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	279421	51.442	ug/L	100
71) Naphthalene	13.500	128	960257	50.806	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	310241	52.658	ug/L	100

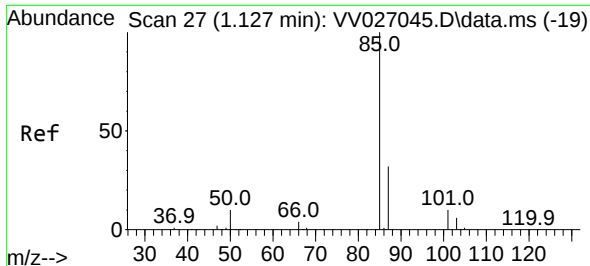
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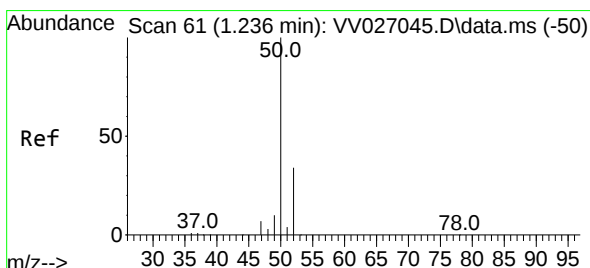
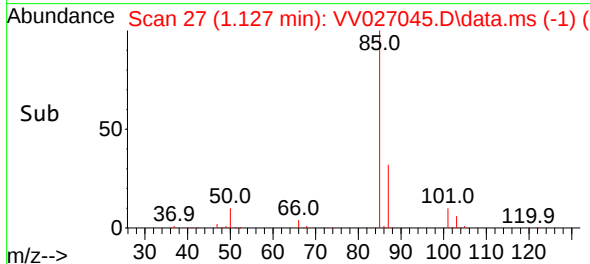
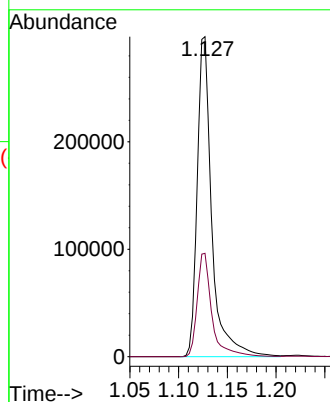
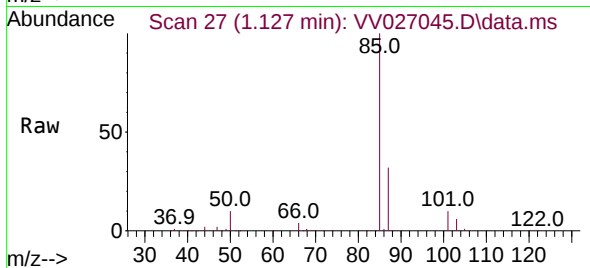




#2
 Dichlorodifluoromethane
 Concen: 52.235 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027045.D
 Acq: 28 Jul 2022 18:20

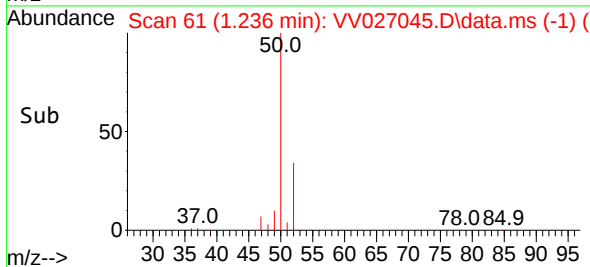
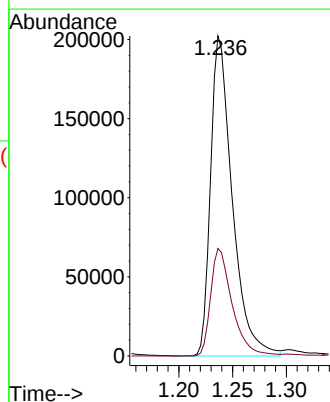
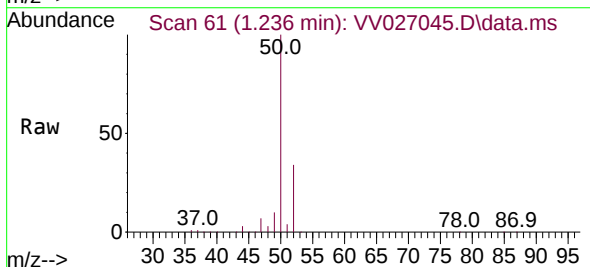
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050242

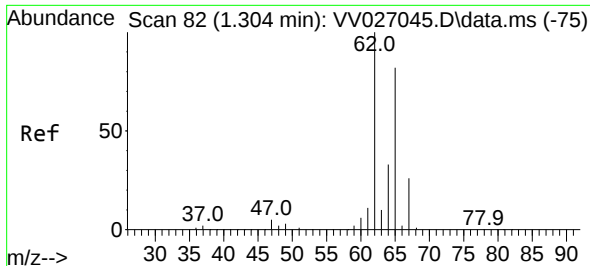
Tgt Ion: 85 Resp: 309817
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.1 39.1



#3
 Chloromethane
 Concen: 52.278 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV027045.D
 Acq: 28 Jul 2022 18:20

Tgt Ion: 50 Resp: 283530
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.5 43.7

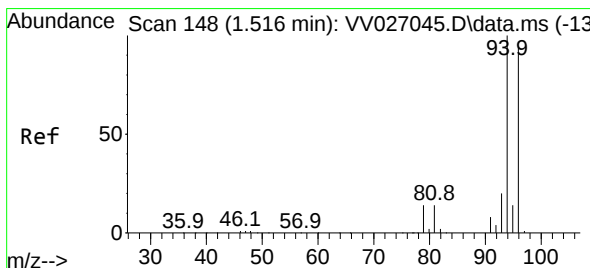
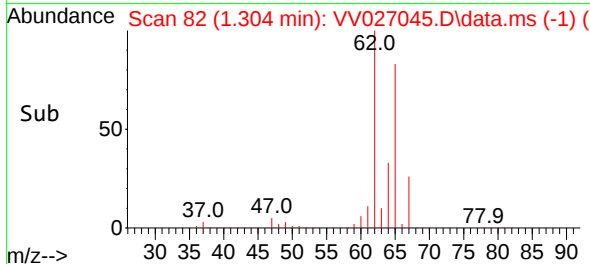
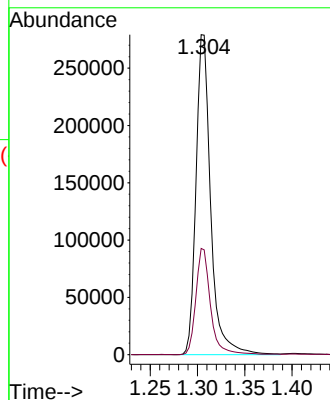
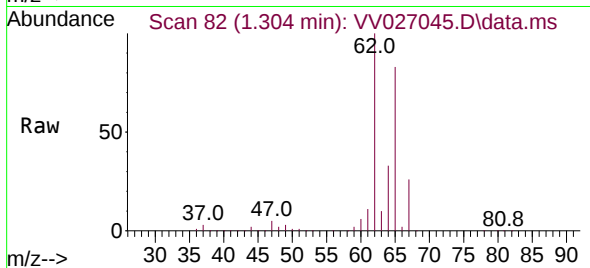




#5
 Vinyl chloride
 Concen: 52.428 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV027045.D
 Acq: 28 Jul 2022 18:20

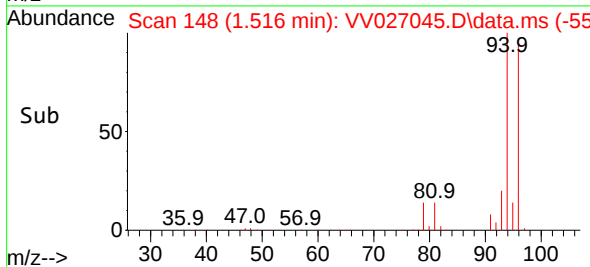
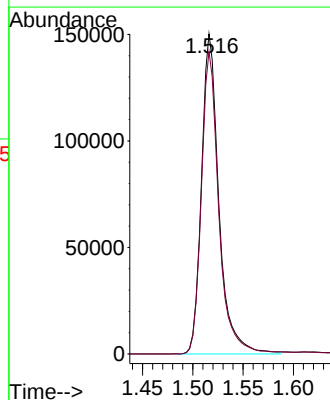
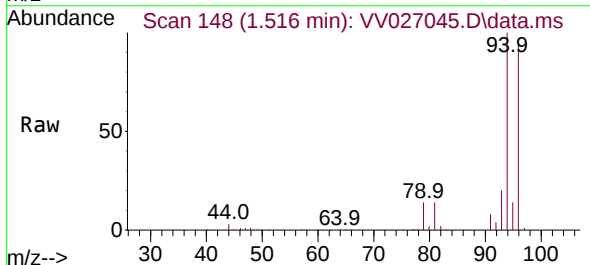
Instrument :
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 VSTD050242

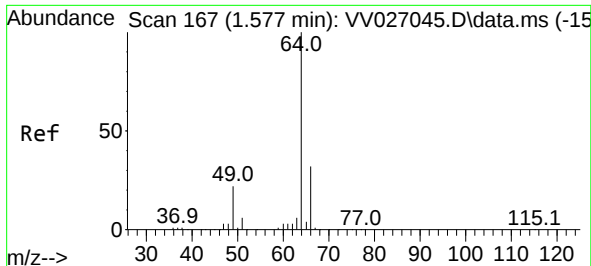
Tgt Ion: 62 Resp: 301609
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.2 43.2



#6
 Bromomethane
 Concen: 51.288 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV027045.D
 Acq: 28 Jul 2022 18:20

Tgt Ion: 94 Resp: 181202
 Ion Ratio Lower Upper
 94 100
 96 94.5 66.1 122.8

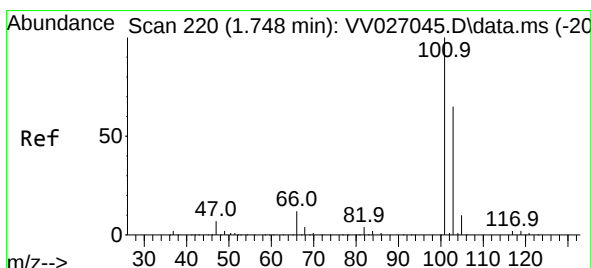
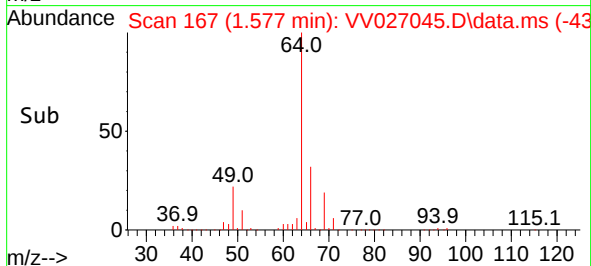
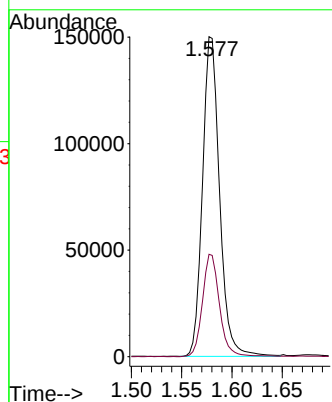
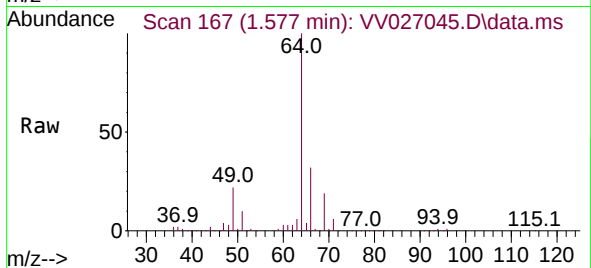




#8
Chloroethane
Concen: 52.364 ug/L
RT: 1.577 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV027045.D
Acq: 28 Jul 2022 18:20

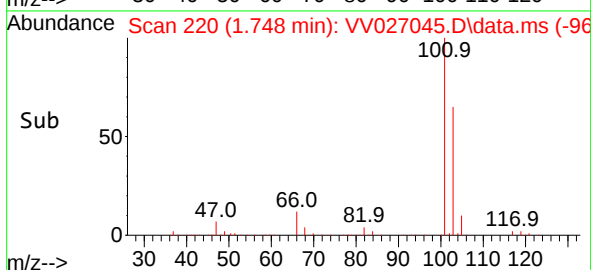
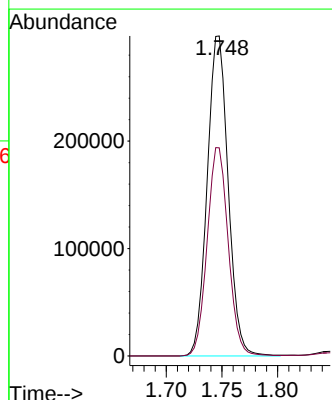
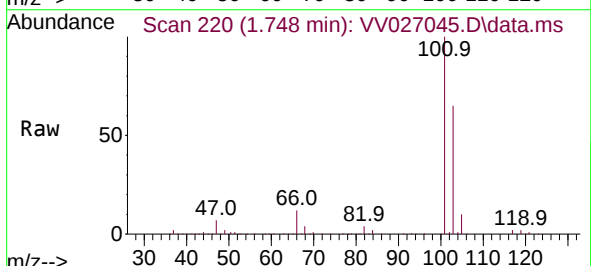
Instrument :
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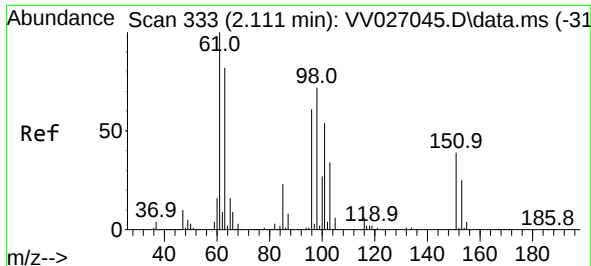
Tgt Ion: 64 Resp: 176870
Ion Ratio Lower Upper
64 100
66 32.0 22.4 41.6



#9
Trichlorofluoromethane
Concen: 52.839 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV027045.D
Acq: 28 Jul 2022 18:20

Tgt Ion: 101 Resp: 389974
Ion Ratio Lower Upper
101 100
103 65.5 52.4 78.6





#10

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

Concen: 52.004 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV027045.D

Acq: 28 Jul 2022 18:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD050242

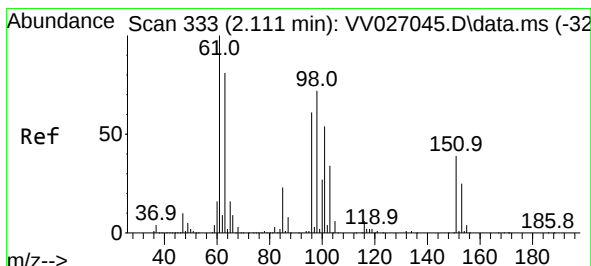
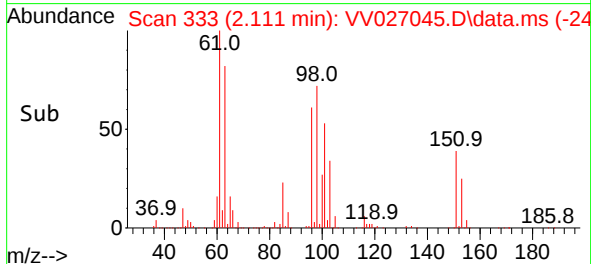
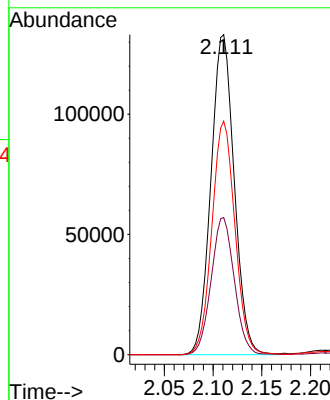
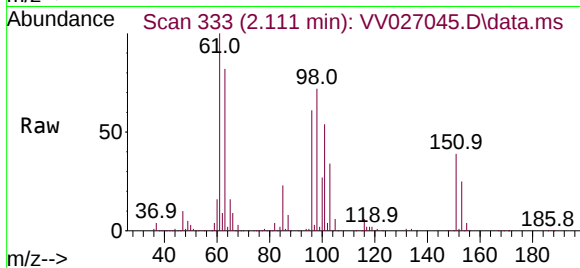
Tgt Ion:101 Resp: 221565

Ion Ratio Lower Upper

101 100

85 42.6 34.1 51.1

151 72.3 57.8 86.8



#12

1,1-Dichloroethene

Concen: 52.200 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV027045.D

Acq: 28 Jul 2022 18:20

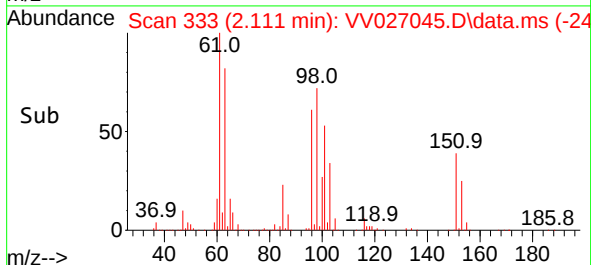
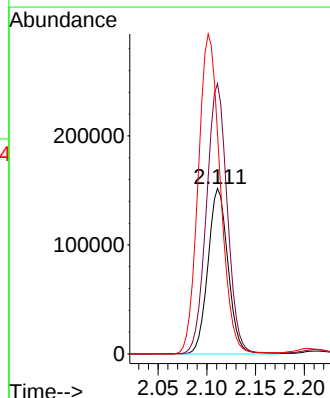
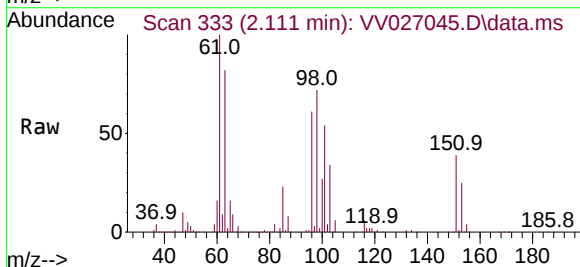
Tgt Ion: 96 Resp: 217300

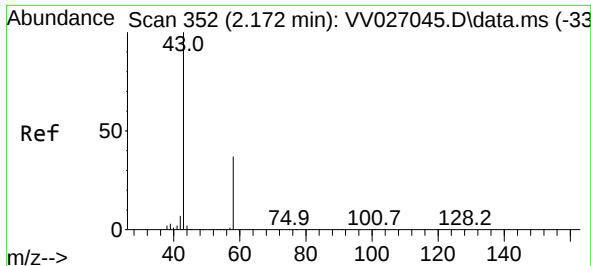
Ion Ratio Lower Upper

96 100

61 163.3 114.3 212.3

63 133.4 93.4 173.4





#13

Acetone

Concen: 72.627 ug/L

RT: 2.172 min Scan# 352

Delta R.T. 0.000 min

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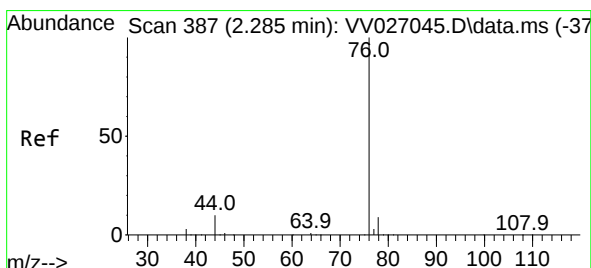
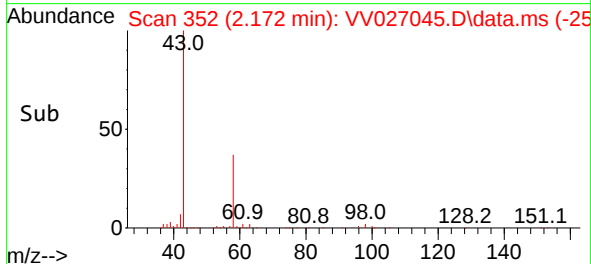
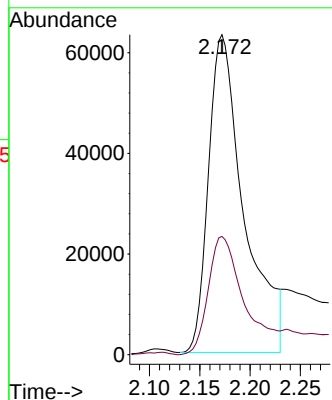
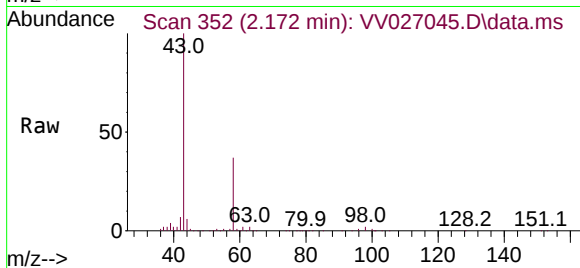
VSTD050242

Tgt Ion: 43 Resp: 155076

Ion Ratio Lower Upper

43 100

58 38.2 0.0 49.6



#14

Carbon disulfide

Concen: 51.464 ug/L

RT: 2.285 min Scan# 387

Delta R.T. 0.000 min

Lab File: VV027045.D

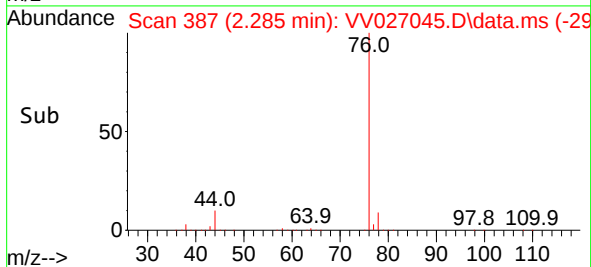
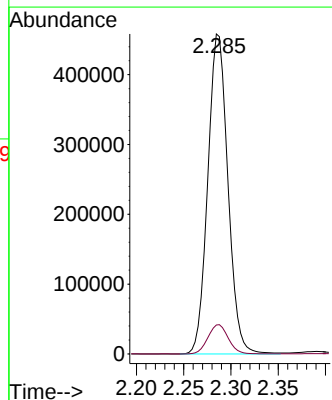
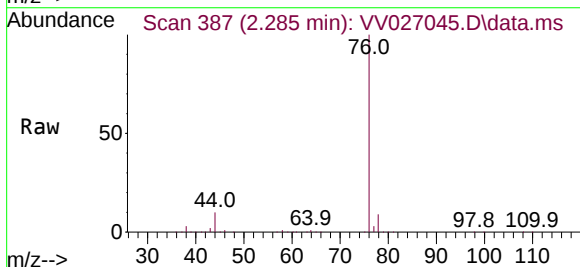
Acq: 28 Jul 2022 18:20

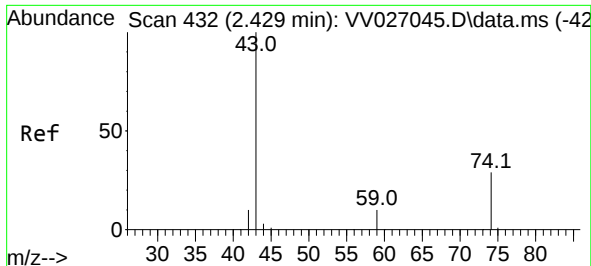
Tgt Ion: 76 Resp: 679668

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

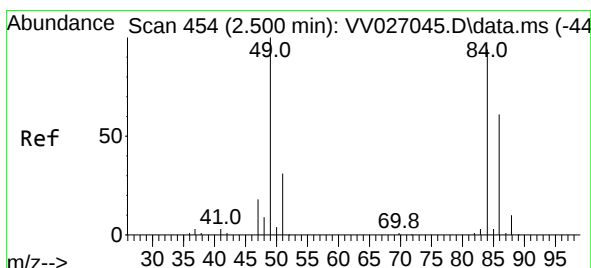
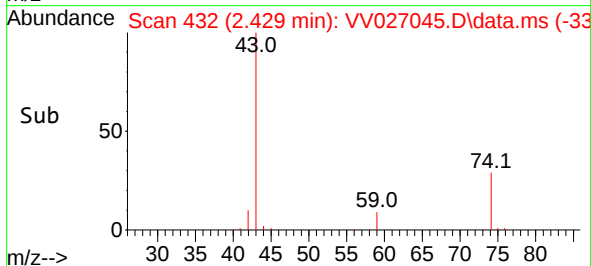
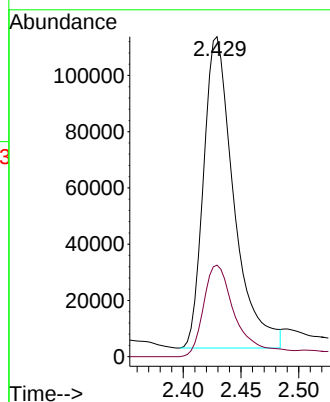
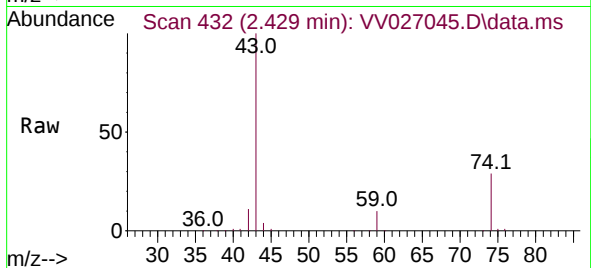




#15
Methyl Acetate
Concen: 52.925 ug/L
RT: 2.429 min Scan# 432
Delta R.T. 0.000 min
Lab File: VV027045.D
Acq: 28 Jul 2022 18:20

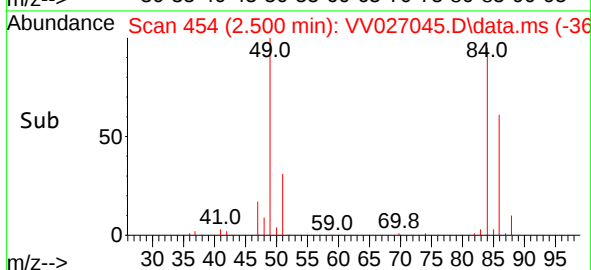
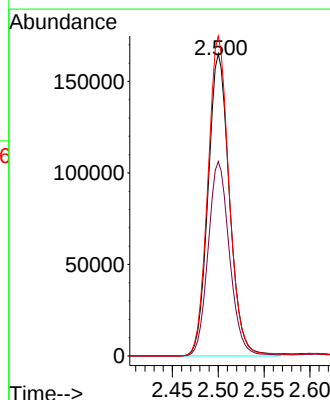
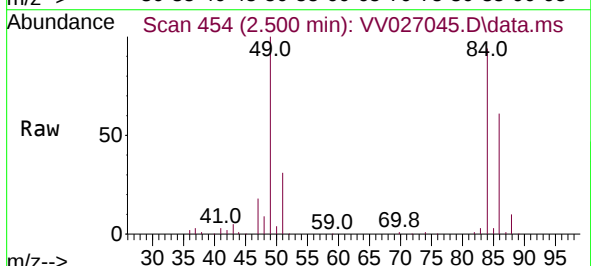
Instrument :
MSVOA_V
ClientSampleId :
VSTD050242

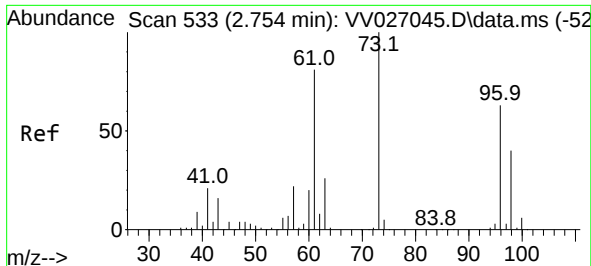
Tgt Ion: 43 Resp: 201965
Ion Ratio Lower Upper
43 100
74 31.9 25.5 38.3



#16
Methylene chloride
Concen: 50.570 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV027045.D
Acq: 28 Jul 2022 18:20

Tgt Ion: 84 Resp: 268338
Ion Ratio Lower Upper
84 100
86 64.3 45.0 83.6
49 105.9 74.1 137.7

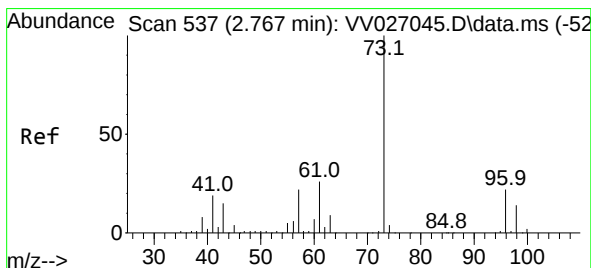
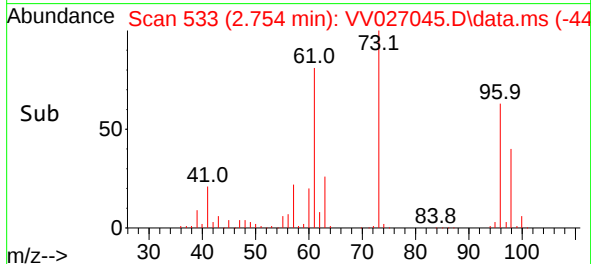
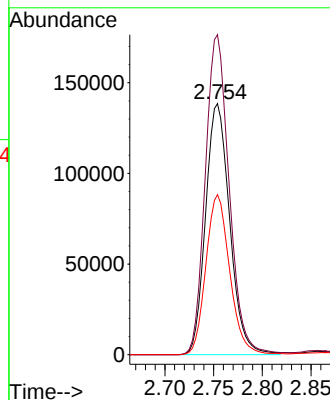
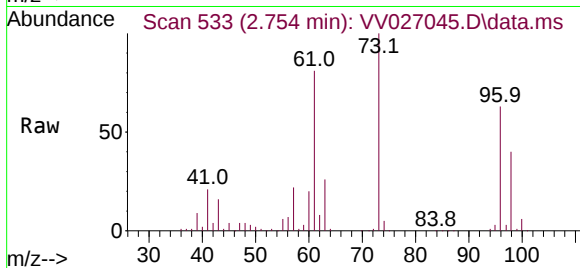




#17
trans-1,2-Dichloroethene
Concen: 52.470 ug/L
RT: 2.754 min Scan# 511
Delta R.T. 0.000 min
Lab File: VV027045.D
Acq: 28 Jul 2022 18:20

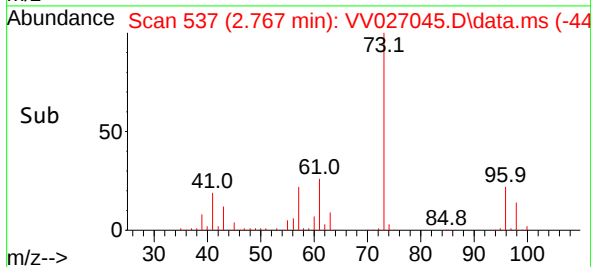
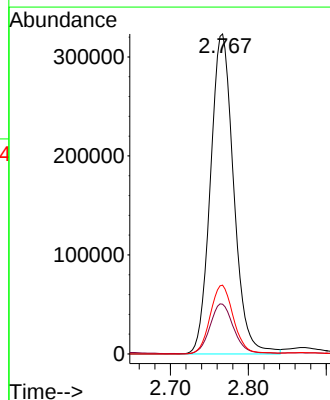
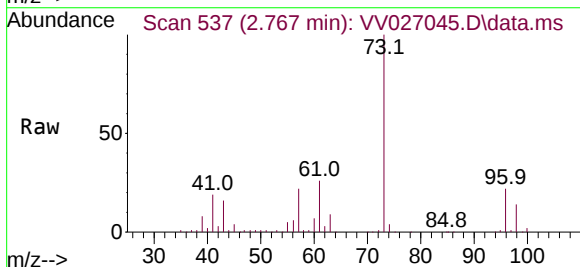
Instrument :
MSVOA_V
ClientSampleId :
VSTD050242

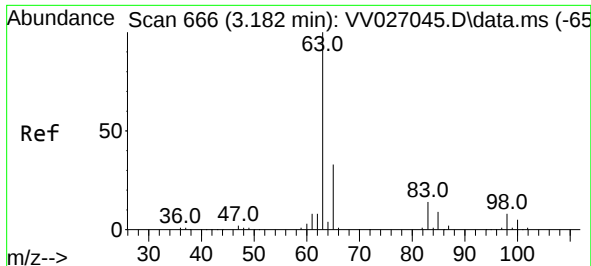
Tgt Ion: 96 Resp: 239131
Ion Ratio Lower Upper
96 100
61 127.4 89.2 165.6
98 63.7 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 53.572 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV027045.D
Acq: 28 Jul 2022 18:20

Tgt Ion: 73 Resp: 670625
Ion Ratio Lower Upper
73 100
43 15.7 12.6 18.8
57 21.6 17.3 25.9





#19

1,1-Dichloroethane

Concen: 52.299 ug/L

RT: 3.182 min Scan# 666

Delta R.T. 0.000 min

Lab File: VV027045.D

Acq: 28 Jul 2022 18:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD050242

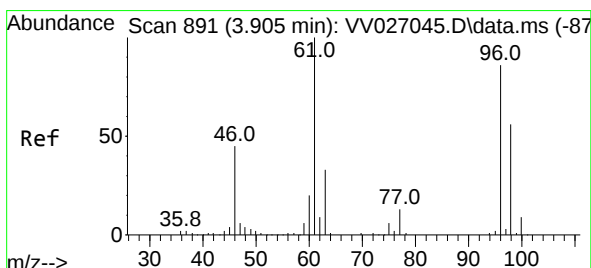
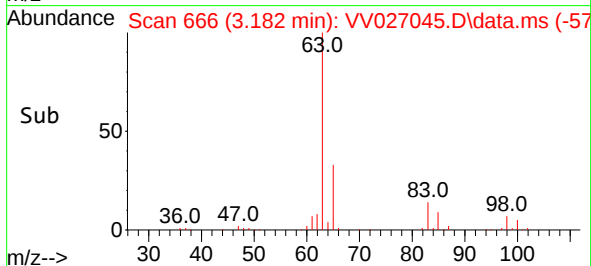
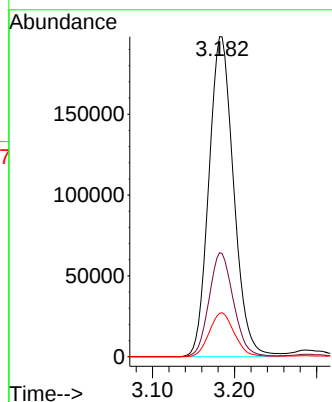
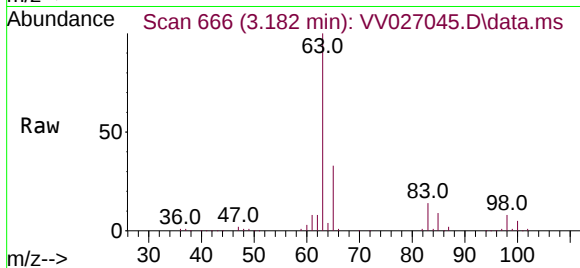
Tgt Ion: 63 Resp: 416225

Ion Ratio Lower Upper

63 100

65 32.5 22.7 42.3

83 13.6 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 52.440 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.000 min

Lab File: VV027045.D

Acq: 28 Jul 2022 18:20

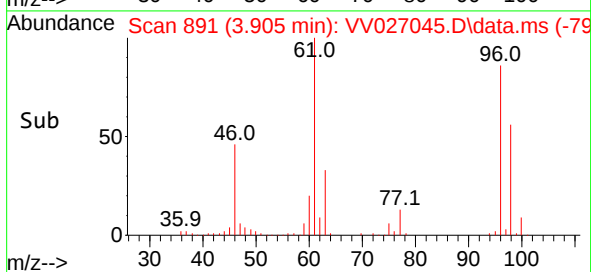
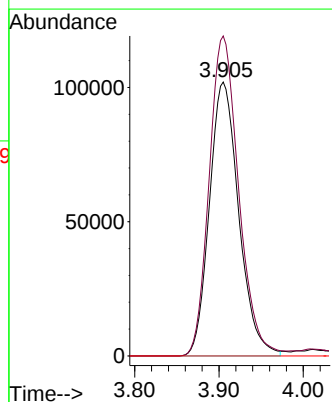
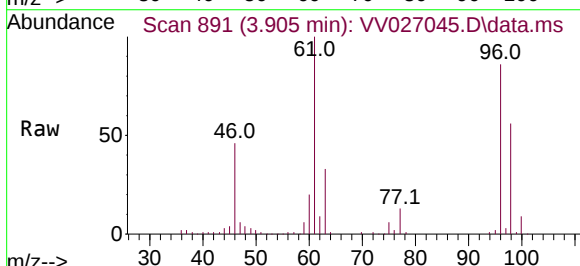
Tgt Ion: 96 Resp: 247146

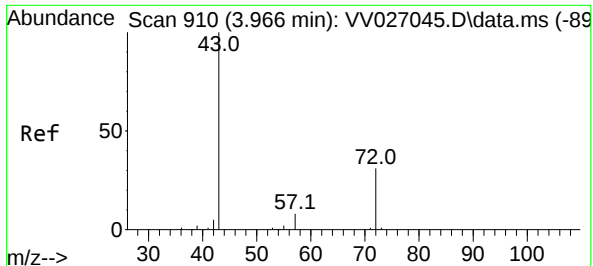
Ion Ratio Lower Upper

96 100

61 116.8 81.8 151.8

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 92.288 ug/L

RT: 3.966 min Scan# 910

Delta R.T. 0.000 min

Lab File: VV027045.D

Acq: 28 Jul 2022 18:20

Instrument :

MSVOA_V

ClientSampleId :

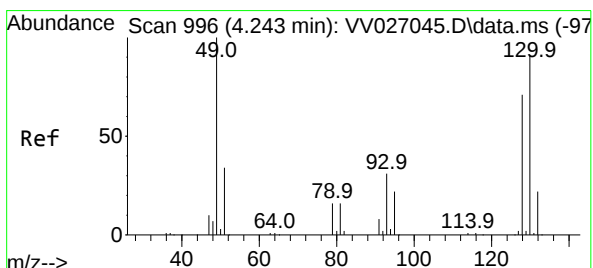
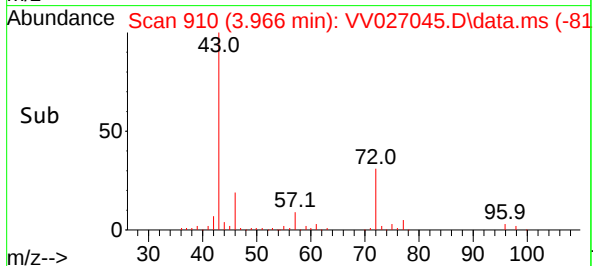
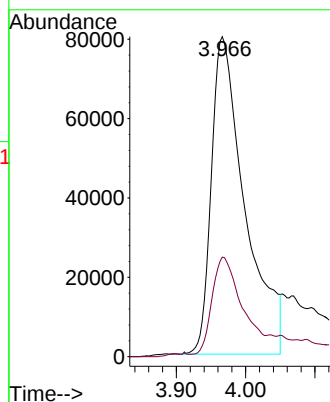
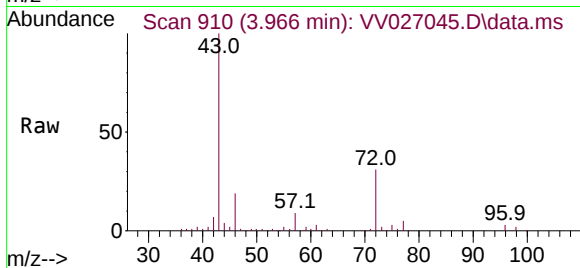
VSTD050242

Tgt Ion: 43 Resp: 269042

Ion Ratio Lower Upper

43 100

72 27.1 11.9 35.7



#23

Bromochloromethane

Concen: 53.536 ug/L

RT: 4.243 min Scan# 996

Delta R.T. 0.000 min

Lab File: VV027045.D

Acq: 28 Jul 2022 18:20

Tgt Ion:128 Resp: 135916

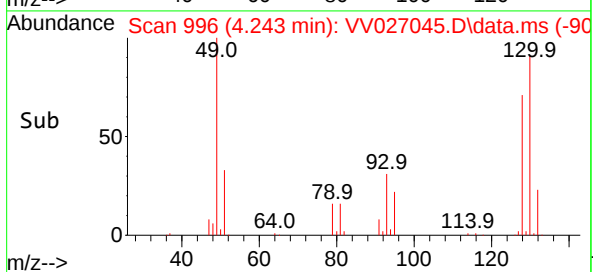
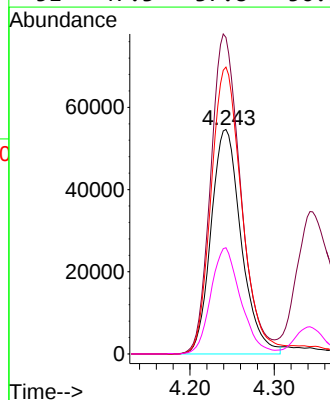
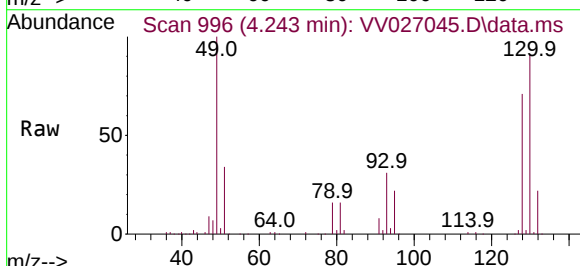
Ion Ratio Lower Upper

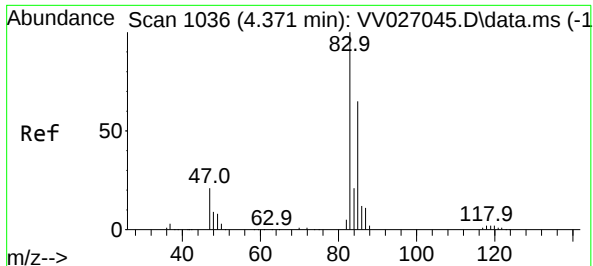
128 100

49 141.0 98.7 183.3

130 127.8 89.5 166.1

51 47.3 37.8 56.8





#25

Chloroform

Concen: 52.415 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV027045.D

Acq: 28 Jul 2022 18:20

Instrument :

MSVOA_V

ClientSampleId :

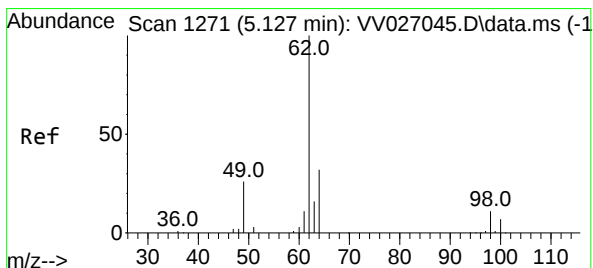
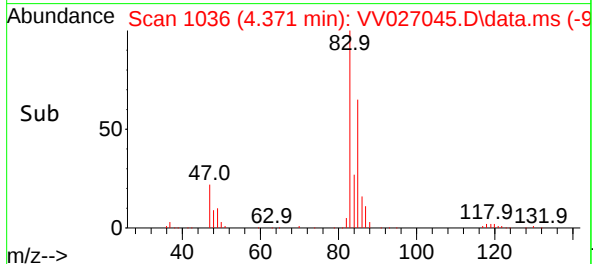
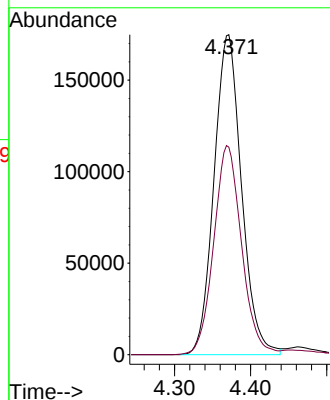
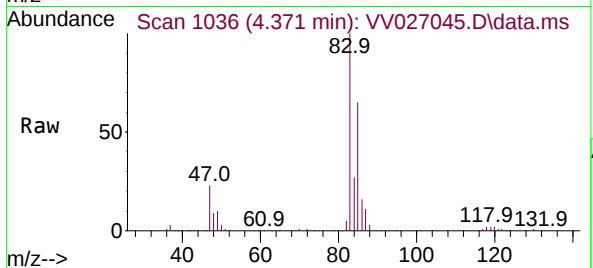
VSTD050242

Tgt Ion: 83 Resp: 439798

Ion Ratio Lower Upper

83 100

85 64.9 45.4 84.4



#27

1,2-Dichloroethane

Concen: 52.138 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VV027045.D

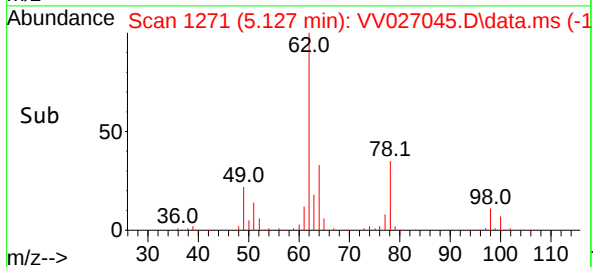
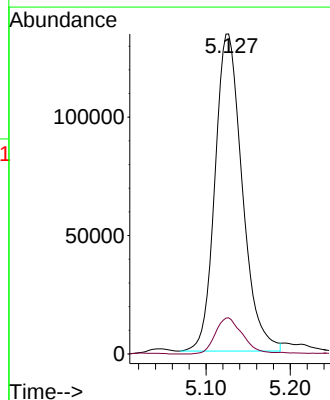
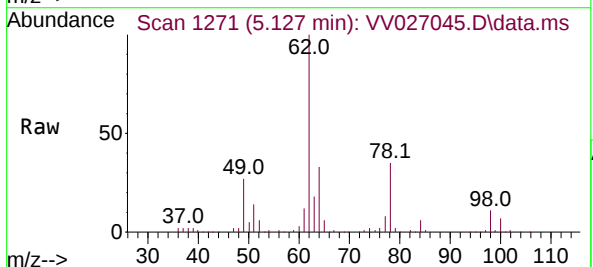
Acq: 28 Jul 2022 18:20

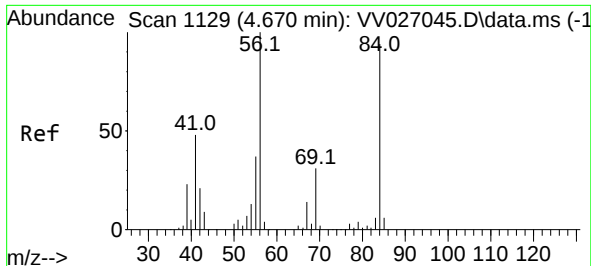
Tgt Ion: 62 Resp: 301041

Ion Ratio Lower Upper

62 100

98 11.3 9.0 13.6

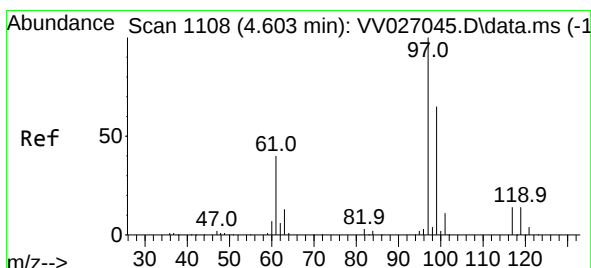
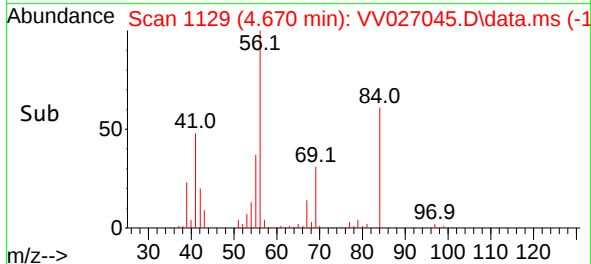
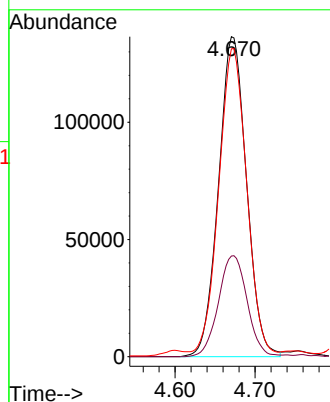
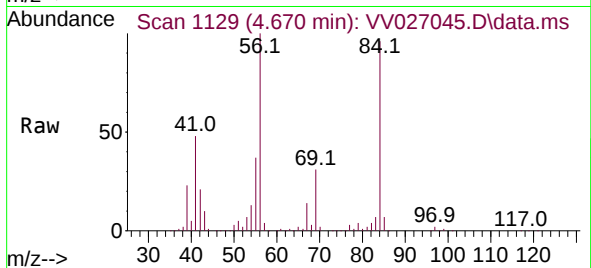




#29
Cyclohexane
Concen: 54.745 ug/L
RT: 4.670 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VV027045.D
Acq: 28 Jul 2022 18:20

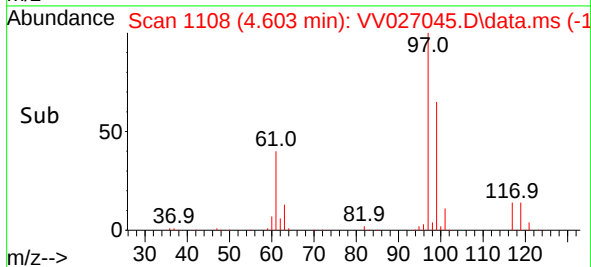
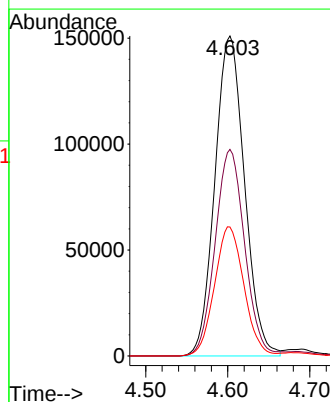
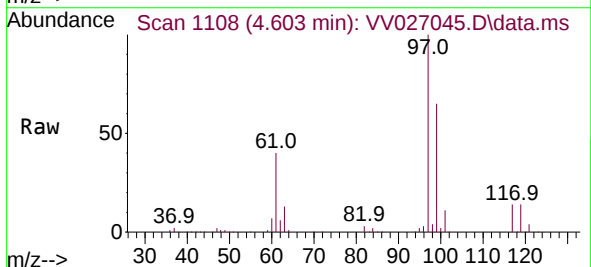
Instrument :
MSVOA_V
ClientSampleId :
VSTD050242

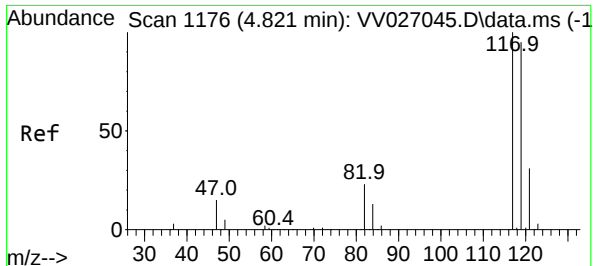
Tgt Ion: 56 Resp: 331803
Ion Ratio Lower Upper
56 100
69 32.4 25.9 38.9
84 94.1 75.3 112.9



#30
1,1,1-Trichloroethane
Concen: 52.525 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VV027045.D
Acq: 28 Jul 2022 18:20

Tgt Ion: 97 Resp: 380298
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.2
61 40.1 32.1 48.1

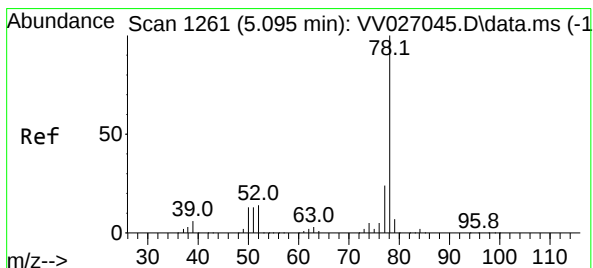
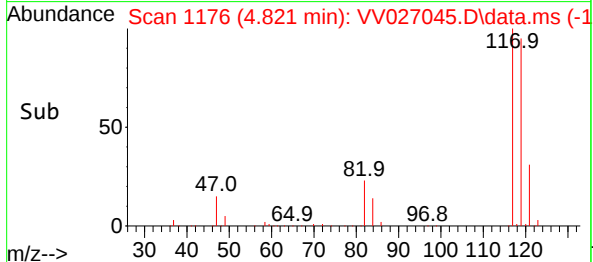
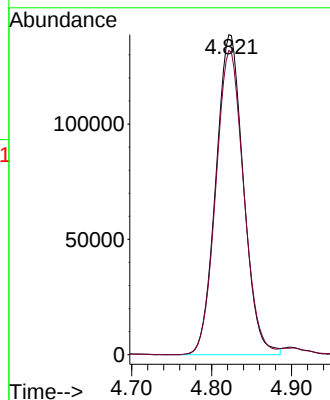
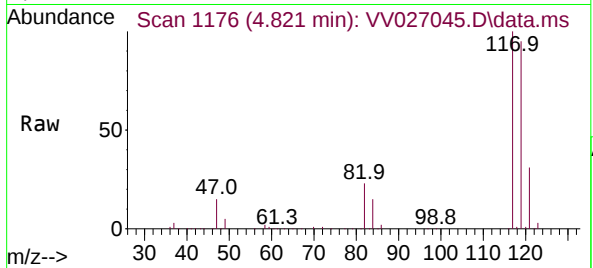




#31
Carbon tetrachloride
Concen: 52.606 ug/L
RT: 4.821 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VV027045.D
Acq: 28 Jul 2022 18:20

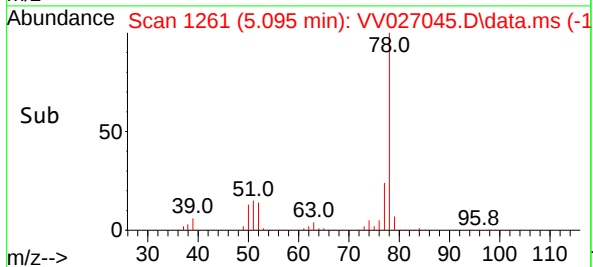
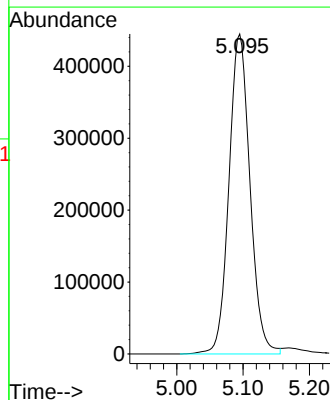
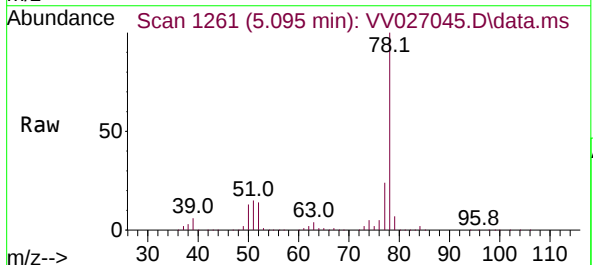
Instrument :
MSVOA_V
ClientSampleId :
VSTD050242

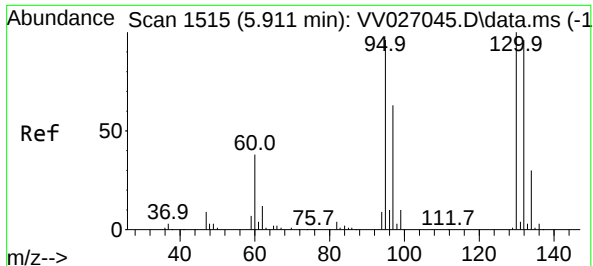
Tgt Ion:117 Resp: 331573
Ion Ratio Lower Upper
117 100
119 96.3 77.0 115.6



#33
Benzene
Concen: 53.922 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV027045.D
Acq: 28 Jul 2022 18:20

Tgt Ion: 78 Resp: 980263

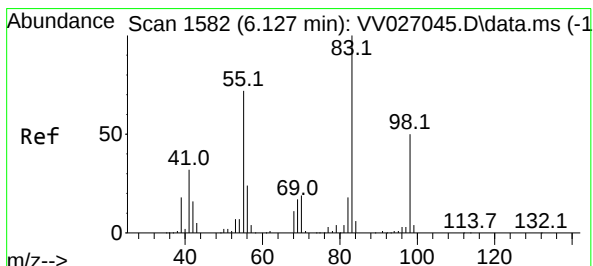
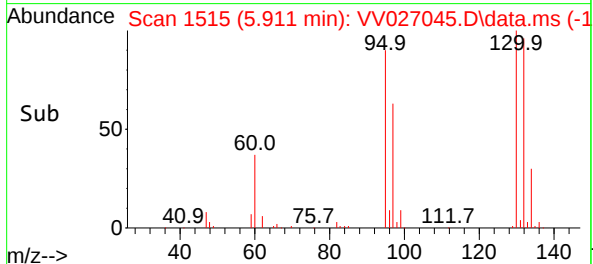
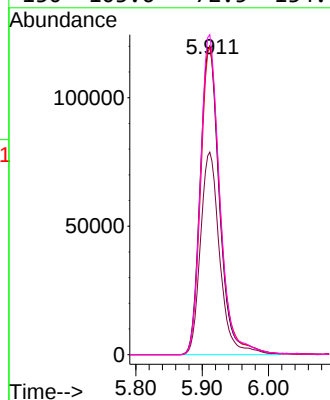
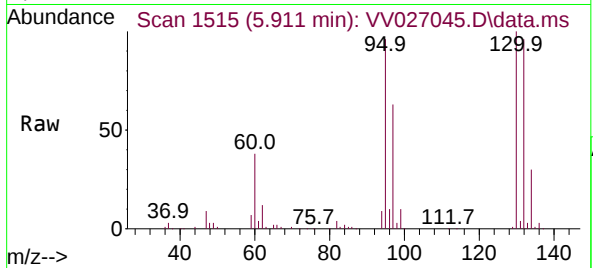




#34
Trichloroethene
Concen: 52.232 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV027045.D
Acq: 28 Jul 2022 18:20

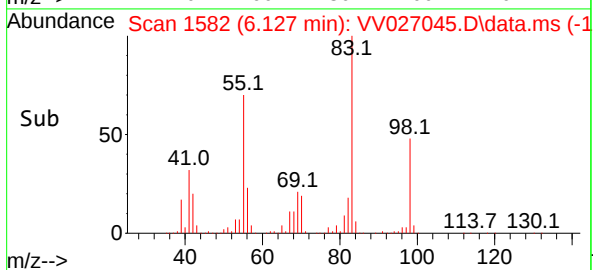
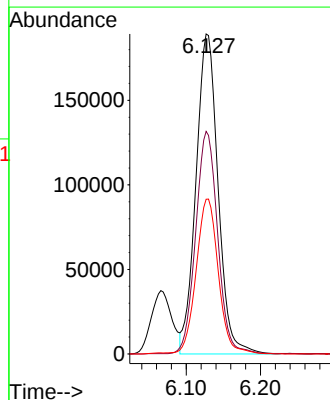
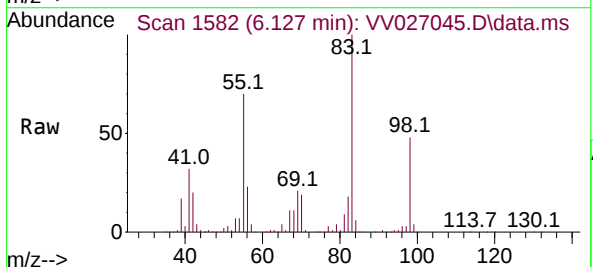
Instrument :
MSVOA_V
ClientSampleId :
VSTD050242

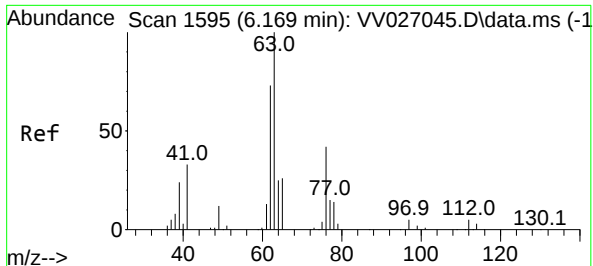
Tgt Ion: 95 Resp: 244387
Ion Ratio Lower Upper
95 100
97 65.6 45.9 85.3
132 99.7 69.8 129.6
130 103.6 72.5 134.7



#35
Methylcyclohexane
Concen: 56.198 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV027045.D
Acq: 28 Jul 2022 18:20

Tgt Ion: 83 Resp: 392273
Ion Ratio Lower Upper
83 100
55 69.4 55.5 83.3
98 48.7 39.0 58.4





#37

1,2-Dichloropropane

Concen: 56.271 ug/L

RT: 6.169 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VV027045.D

Acq: 28 Jul 2022 18:20

Instrument :

MSVOA_V

ClientSampleId :

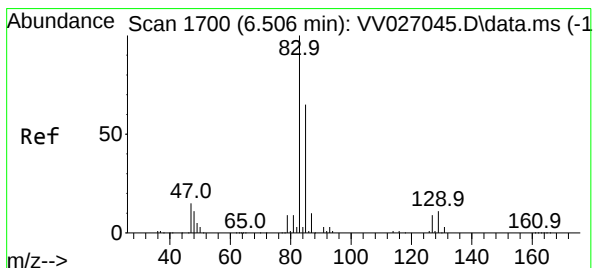
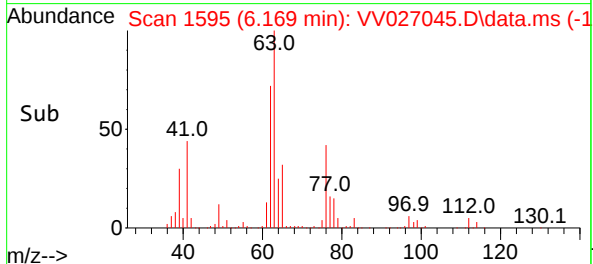
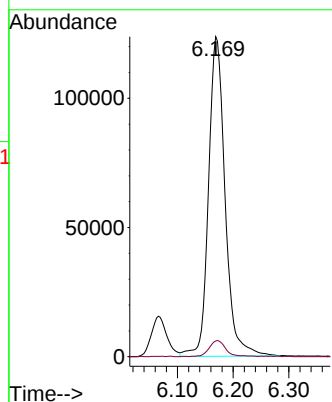
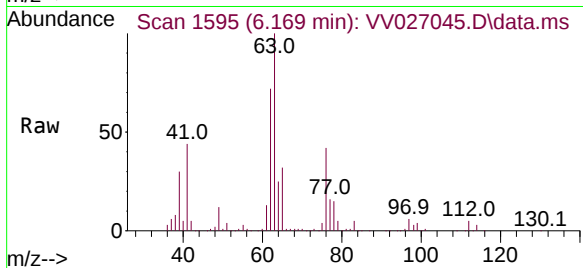
VSTD050242

Tgt Ion: 63 Resp: 256021

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 54.120 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV027045.D

Acq: 28 Jul 2022 18:20

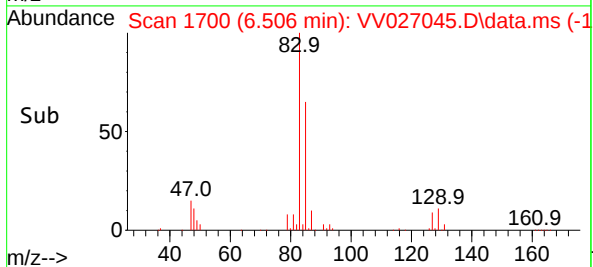
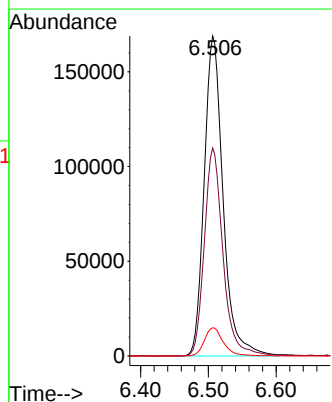
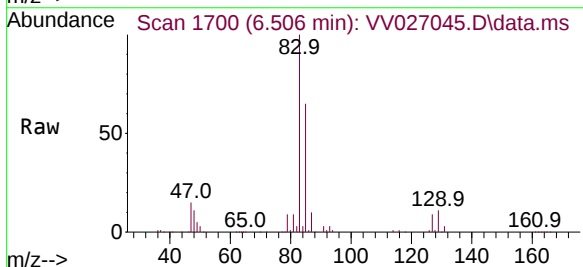
Tgt Ion: 83 Resp: 327056

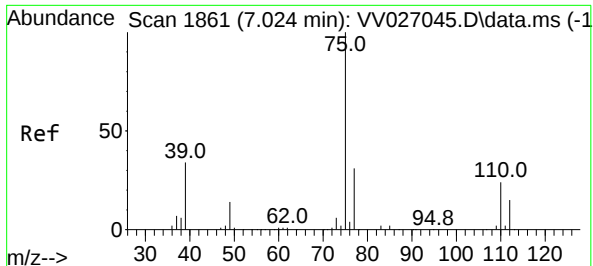
Ion Ratio Lower Upper

83 100

85 65.0 45.5 84.5

127 8.8 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 55.191 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV027045.D

Acq: 28 Jul 2022 18:20

Instrument :

MSVOA_V

ClientSampleId :

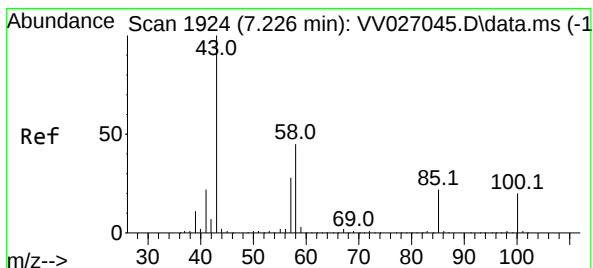
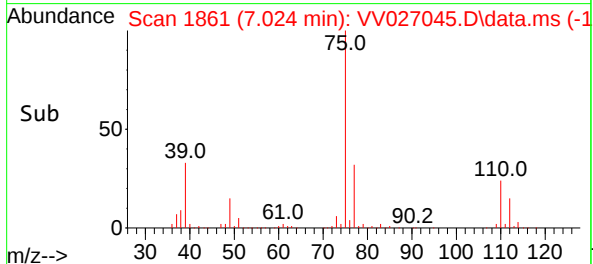
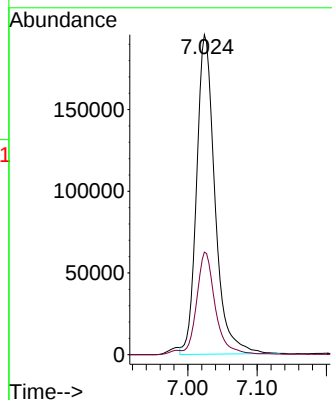
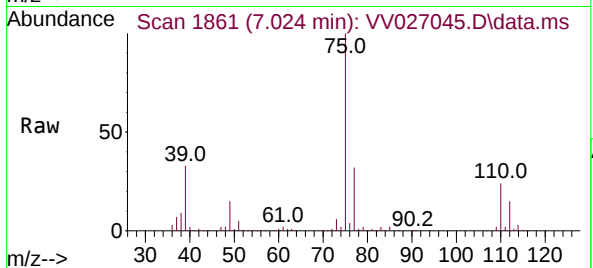
VSTD050242

Tgt Ion: 75 Resp: 360231

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 113.734 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV027045.D

Acq: 28 Jul 2022 18:20

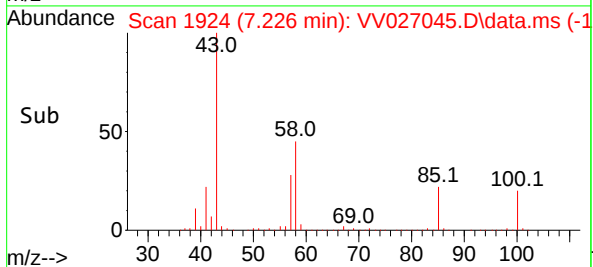
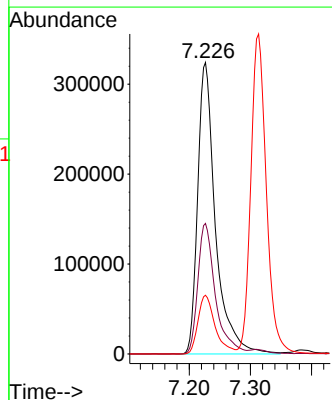
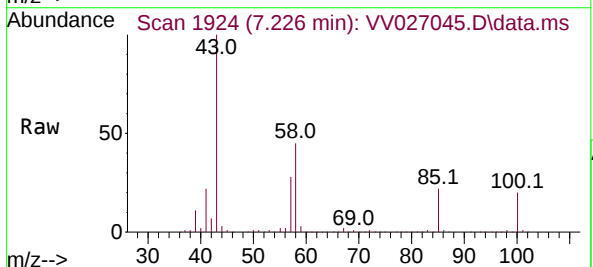
Tgt Ion: 43 Resp: 654509

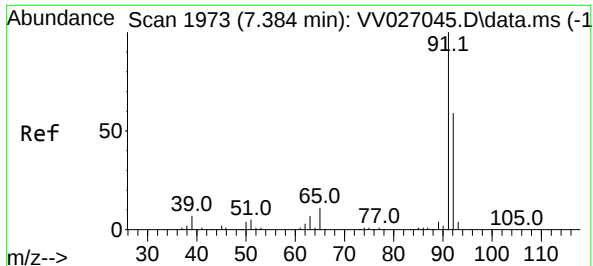
Ion Ratio Lower Upper

43 100

58 44.1 35.3 52.9

100 19.6 15.7 23.5





#42

Toluene

Concen: 56.517 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV027045.D

Acq: 28 Jul 2022 18:20

Instrument :

MSVOA_V

ClientSampleId :

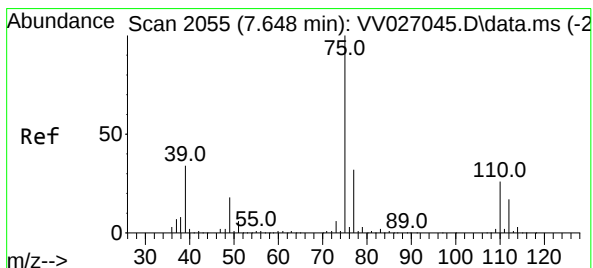
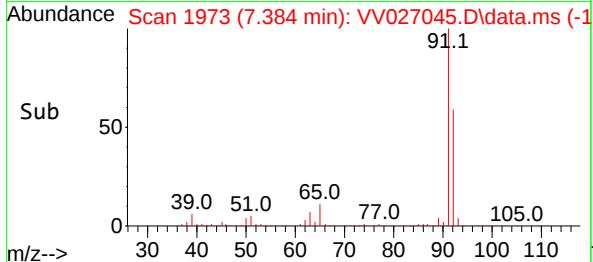
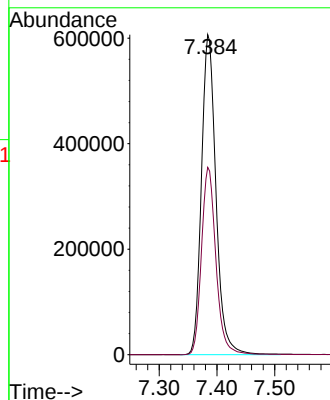
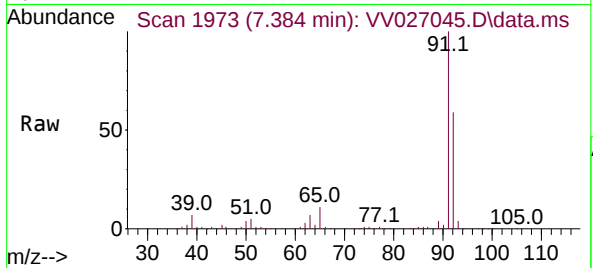
VSTD050242

Tgt Ion: 91 Resp: 1059326

Ion Ratio Lower Upper

91 100

92 58.5 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 55.704 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV027045.D

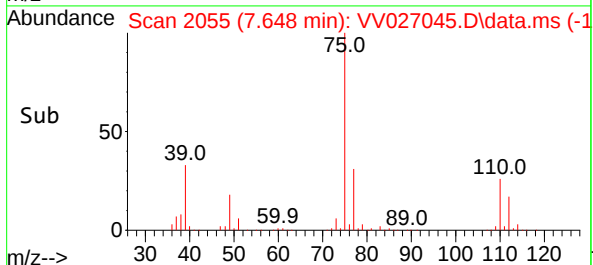
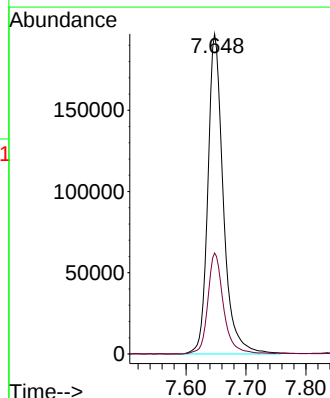
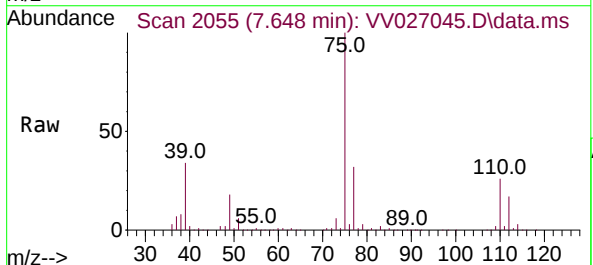
Acq: 28 Jul 2022 18:20

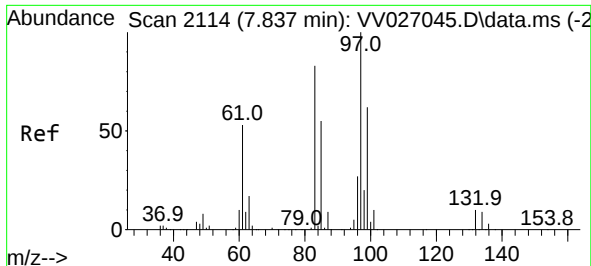
Tgt Ion: 75 Resp: 353474

Ion Ratio Lower Upper

75 100

77 31.5 22.0 41.0



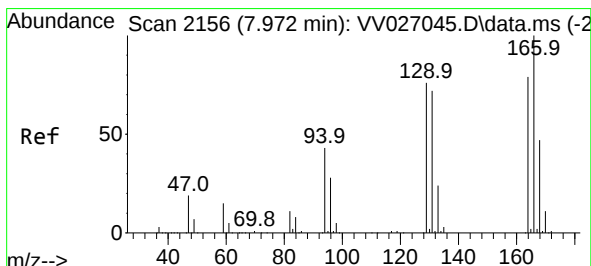
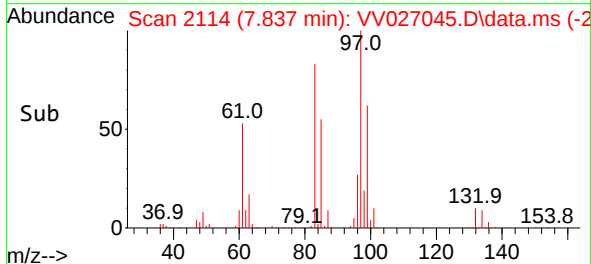
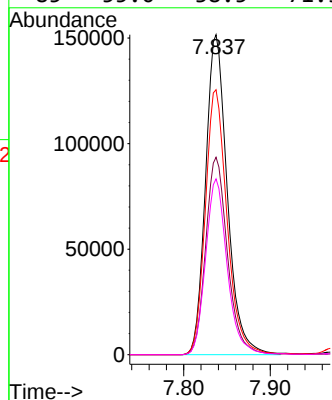
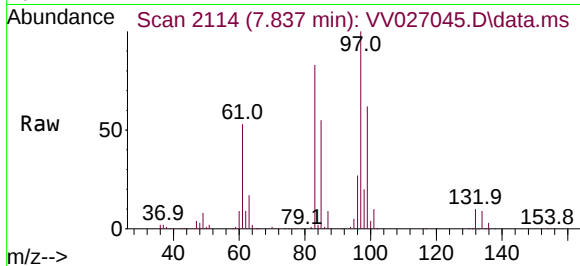


#45
1,1,2-Trichloroethane
Concen: 54.295 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV027045.D
Acq: 28 Jul 2022 18:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD050242

Tgt Ion: 97 Resp: 264478

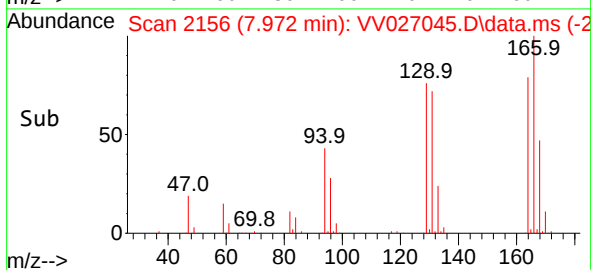
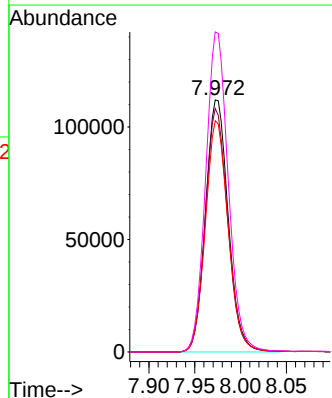
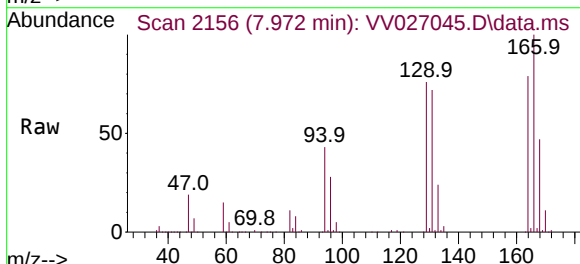
Ion	Ratio	Lower	Upper
97	100		
99	61.7	43.2	80.2
83	82.8	58.0	107.6
85	55.0	38.5	71.5

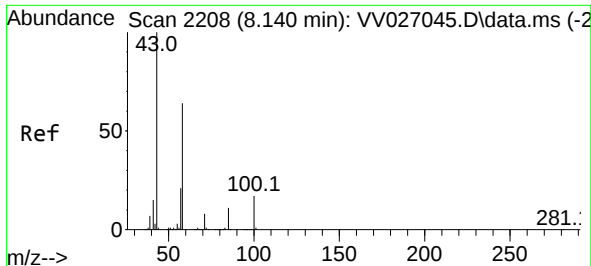


#46
Tetrachloroethene
Concen: 52.792 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV027045.D
Acq: 28 Jul 2022 18:20

Tgt Ion: 164 Resp: 193204

Ion	Ratio	Lower	Upper
164	100		
129	96.5	67.5	125.4
131	91.8	64.3	119.3
166	127.0	88.9	165.1

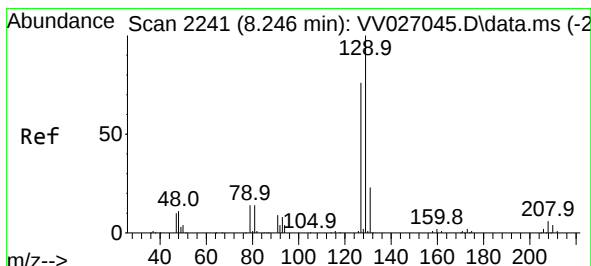
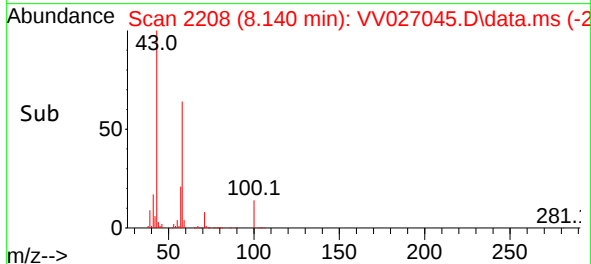
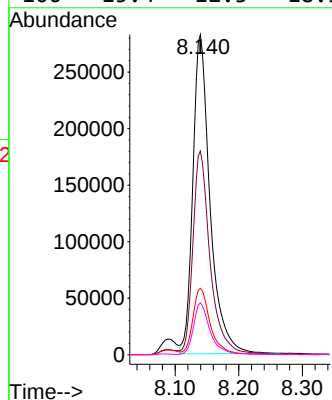
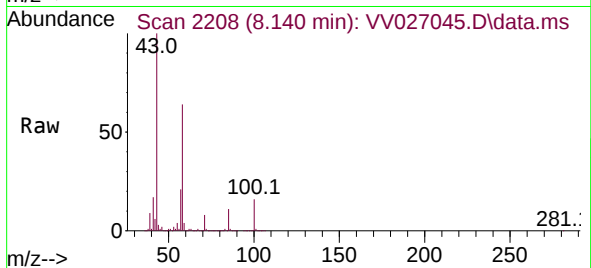




#48
2-Hexanone
Concen: 116.902 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV027045.D
Acq: 28 Jul 2022 18:20

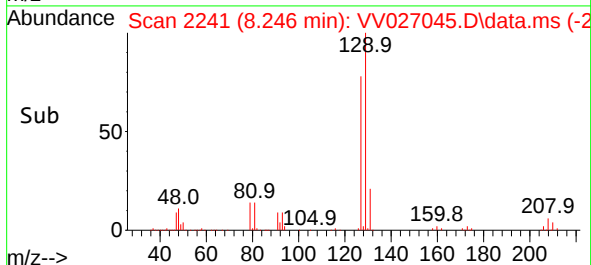
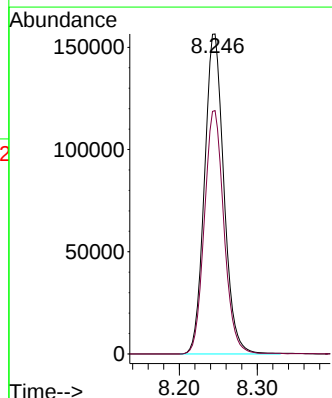
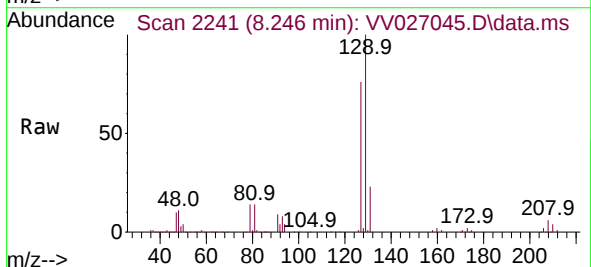
Instrument :
MSVOA_V
ClientSampleId :
VSTD050242

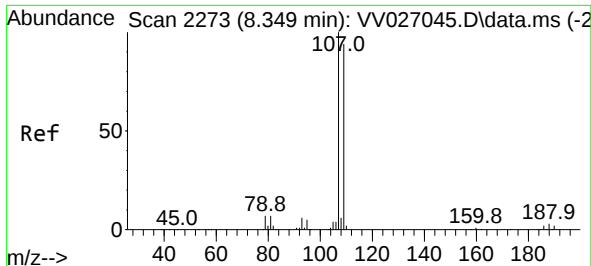
Tgt Ion: 43 Resp: 530153
Ion Ratio Lower Upper
43 100
58 63.5 50.8 76.2
57 21.4 17.1 25.7
100 15.4 12.3 18.5



#49
Dibromochloromethane
Concen: 53.966 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV027045.D
Acq: 28 Jul 2022 18:20

Tgt Ion: 129 Resp: 270347
Ion Ratio Lower Upper
129 100
127 76.1 53.3 98.9

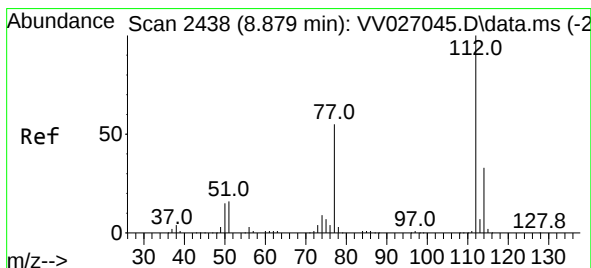
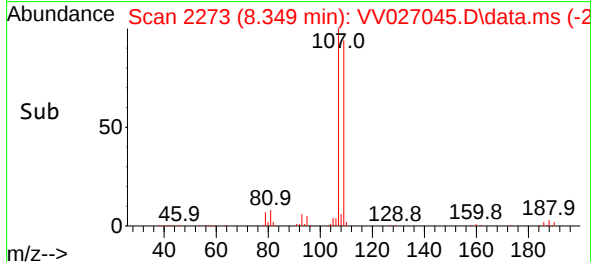
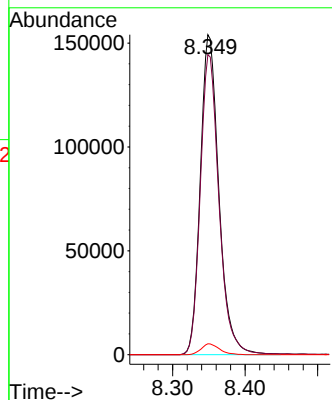
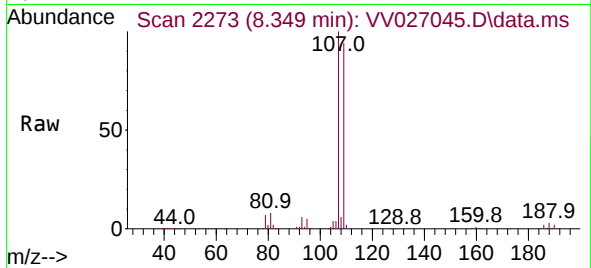




#50
1,2-Dibromoethane
Concen: 53.724 ug/L
RT: 8.349 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027045.D
Acq: 28 Jul 2022 18:20

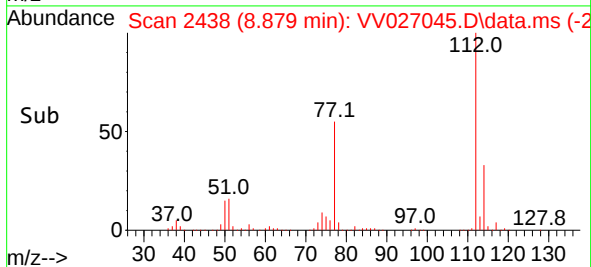
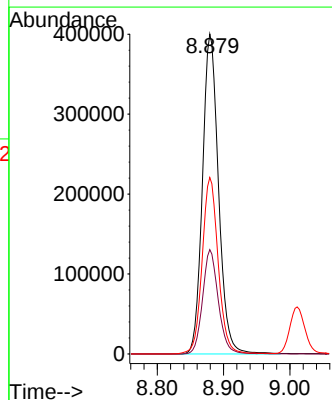
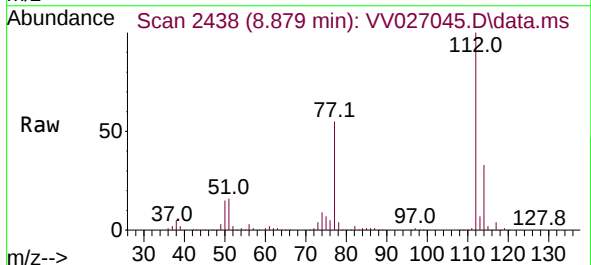
Instrument :
MSVOA_V
ClientSampleId :
VSTD050242

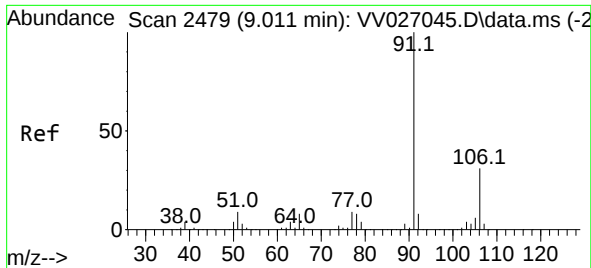
Tgt Ion:107 Resp: 274418
Ion Ratio Lower Upper
107 100
109 93.8 65.7 121.9
188 3.4 2.7 4.1



#51
Chlorobenzene
Concen: 53.343 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV027045.D
Acq: 28 Jul 2022 18:20

Tgt Ion:112 Resp: 674293
Ion Ratio Lower Upper
112 100
114 32.6 22.8 42.4
77 55.2 44.2 66.2

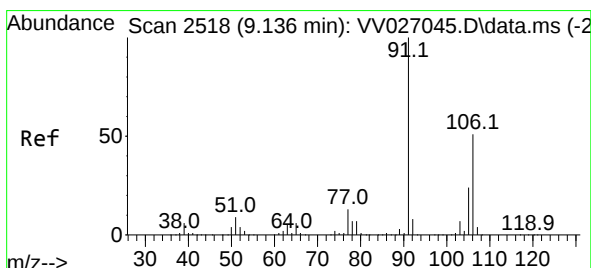
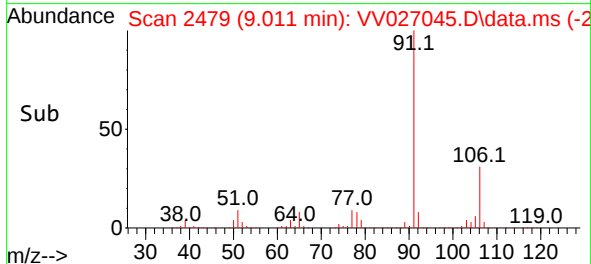
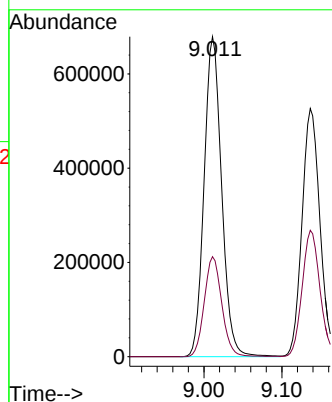
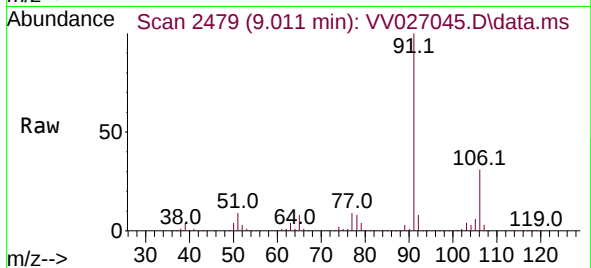




#52
Ethylbenzene
Concen: 55.866 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV027045.D
Acq: 28 Jul 2022 18:20

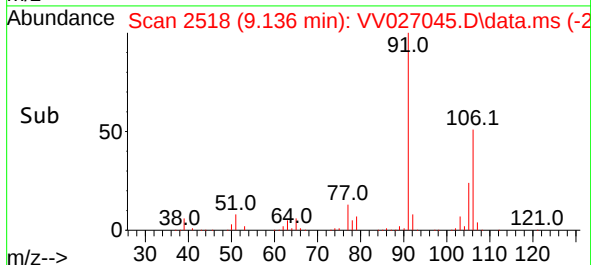
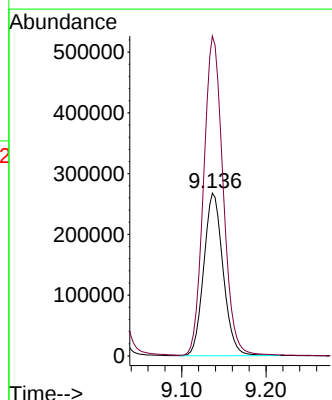
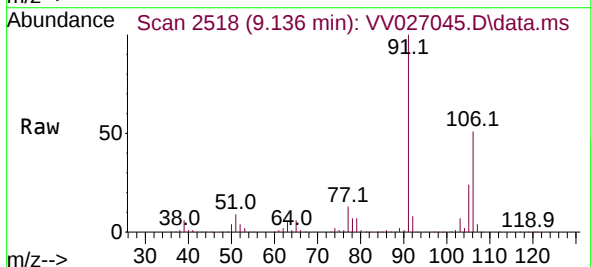
Instrument :
MSVOA_V
ClientSampleId :
VSTD050242

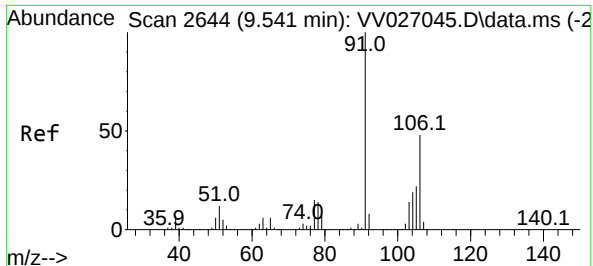
Tgt Ion: 91 Resp: 1060276
Ion Ratio Lower Upper
91 100
106 31.2 21.8 40.6



#53
m,p-Xylene
Concen: 57.289 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV027045.D
Acq: 28 Jul 2022 18:20

Tgt Ion: 106 Resp: 427662
Ion Ratio Lower Upper
106 100
91 196.4 137.5 255.3

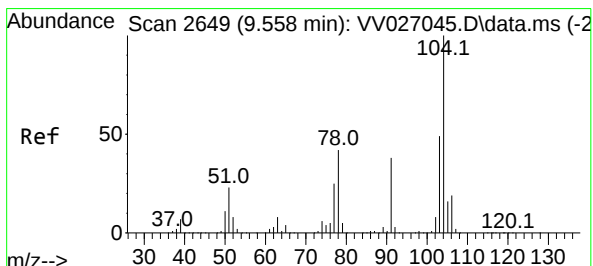
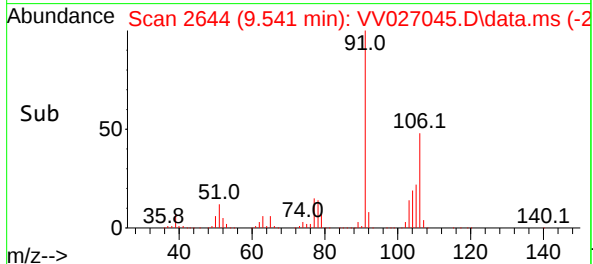
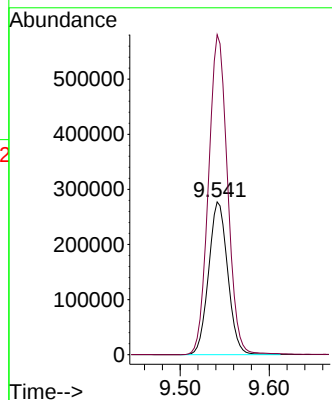
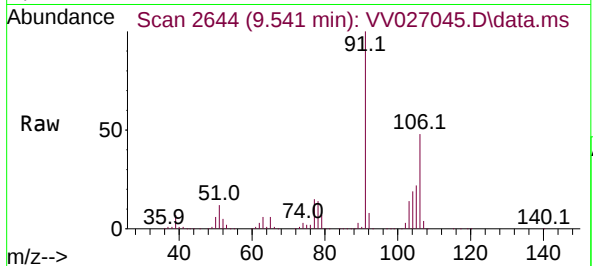




#54
o-Xylene
Concen: 57.340 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027045.D
Acq: 28 Jul 2022 18:20

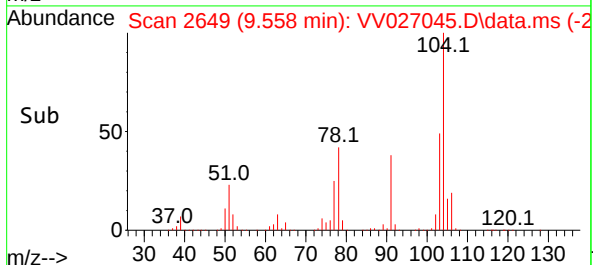
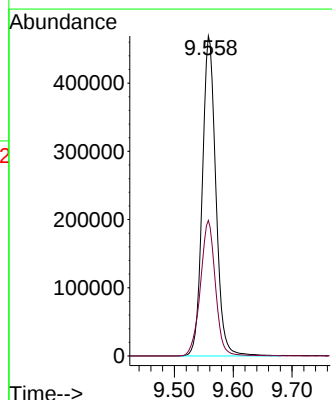
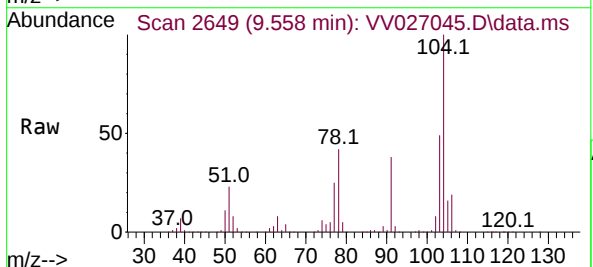
Instrument :
MSVOA_V
ClientSampleId :
VSTD050242

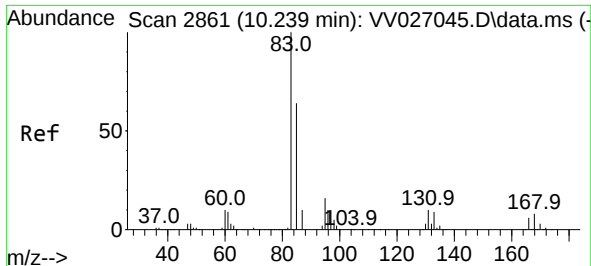
Tgt Ion:106 Resp: 412213
Ion Ratio Lower Upper
106 100
91 209.4 146.6 272.2



#55
Styrene
Concen: 59.700 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV027045.D
Acq: 28 Jul 2022 18:20

Tgt Ion:104 Resp: 751123
Ion Ratio Lower Upper
104 100
78 42.3 29.6 55.0





#57

1,1,2,2-Tetrachloroethane

Concen: 53.551 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV027045.D

Acq: 28 Jul 2022 18:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD050242

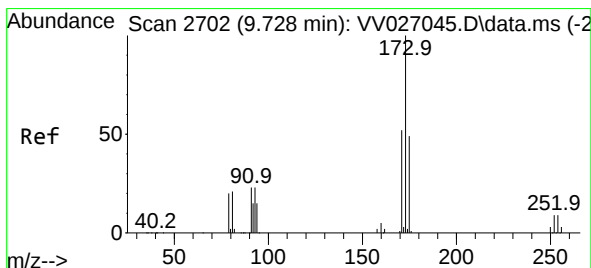
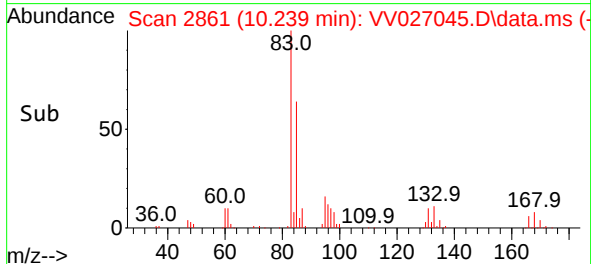
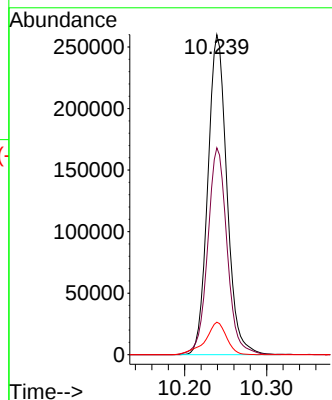
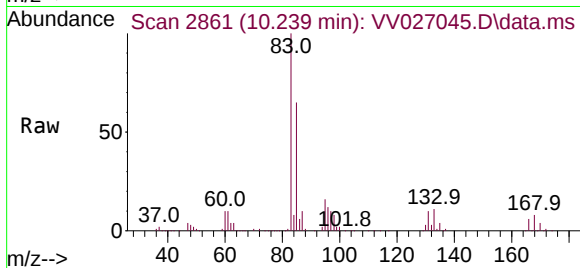
Tgt Ion: 83 Resp: 420567

Ion Ratio Lower Upper

83 100

85 64.6 45.2 84.0

131 10.1 8.1 12.1



#59

Bromoform

Concen: 51.642 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. 0.000 min

Lab File: VV027045.D

Acq: 28 Jul 2022 18:20

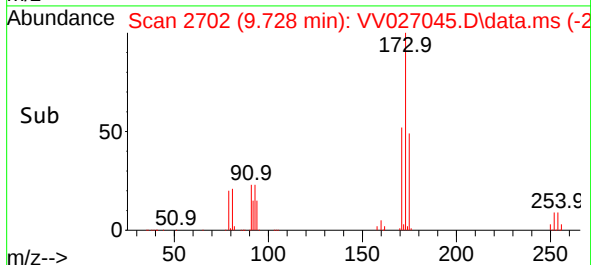
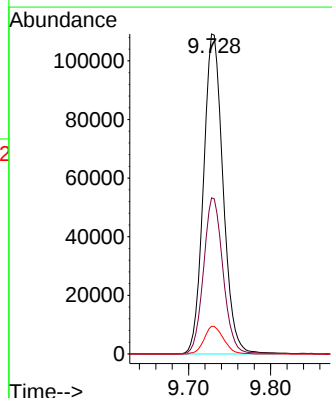
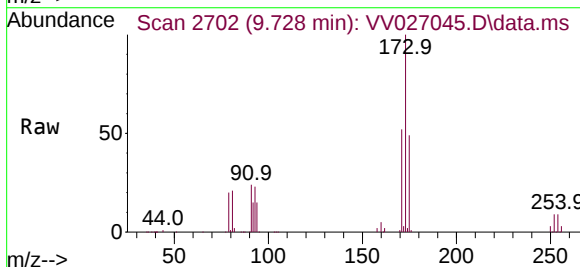
Tgt Ion: 173 Resp: 181186

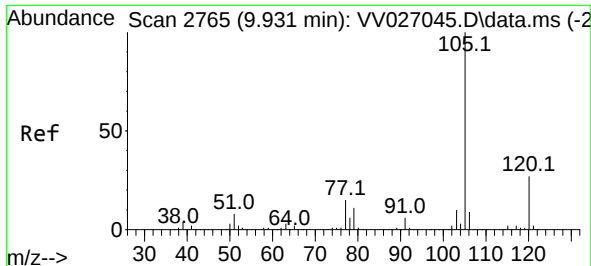
Ion Ratio Lower Upper

173 100

175 48.7 39.0 58.4

254 8.6 6.9 10.3

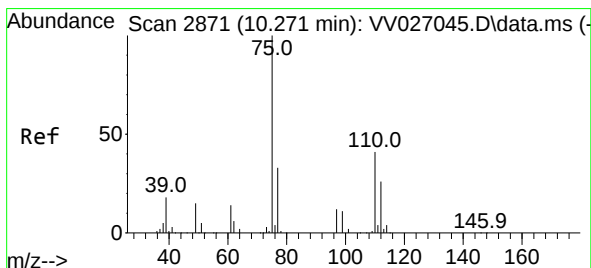
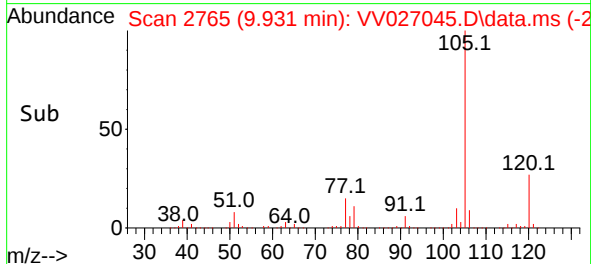
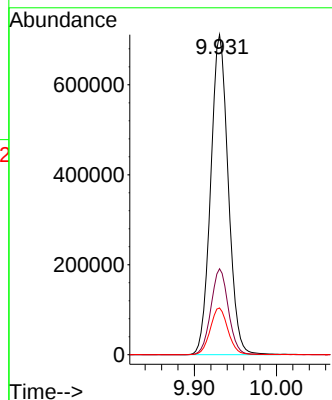
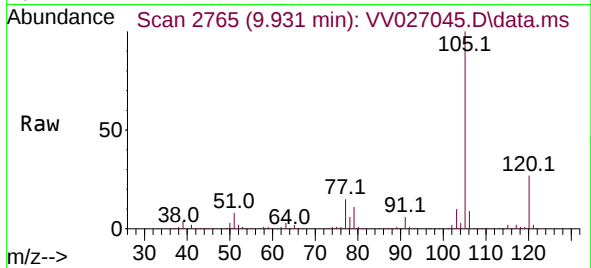




#60
Isopropylbenzene
Concen: 54.819 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV027045.D
Acq: 28 Jul 2022 18:20

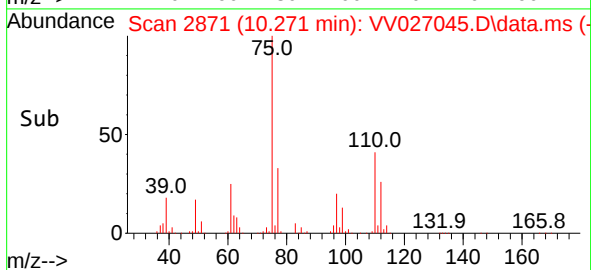
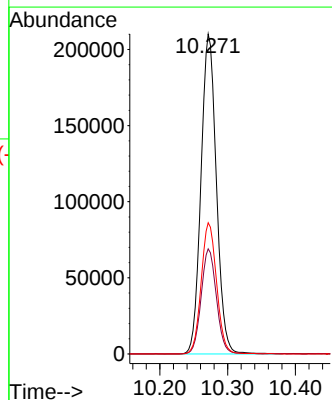
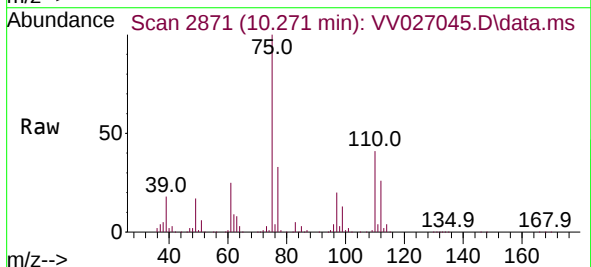
Instrument :
MSVOA_V
ClientSampleId :
VSTD050242

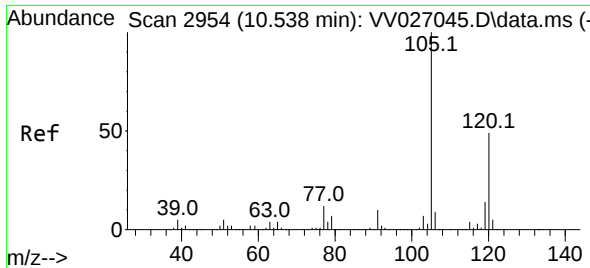
Tgt Ion:105 Resp: 1056612
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.0
77 14.7 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 51.179 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027045.D
Acq: 28 Jul 2022 18:20

Tgt Ion: 75 Resp: 331523
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8
110 40.9 32.7 49.1

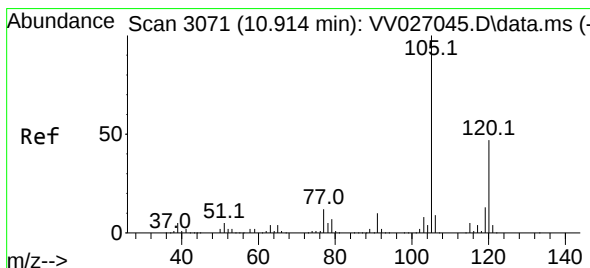
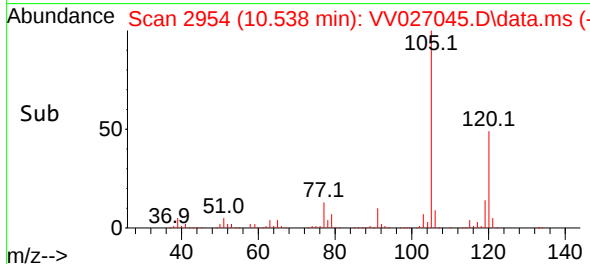
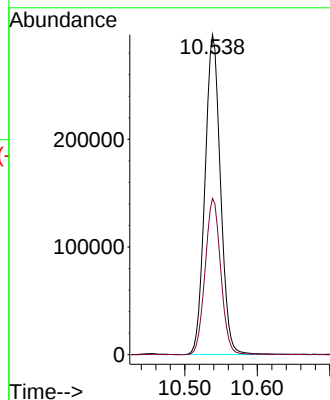
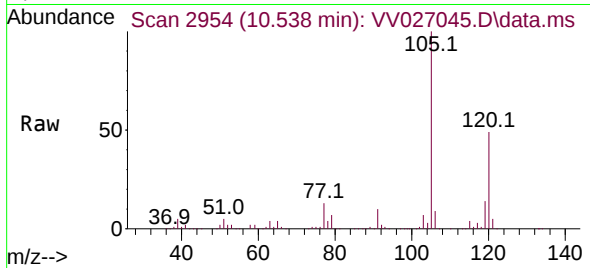




#62
 1,3,5-Trimethylbenzene
 Concen: 53.552 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV027045.D
 Acq: 28 Jul 2022 18:20

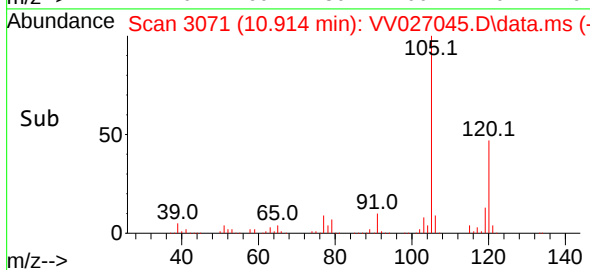
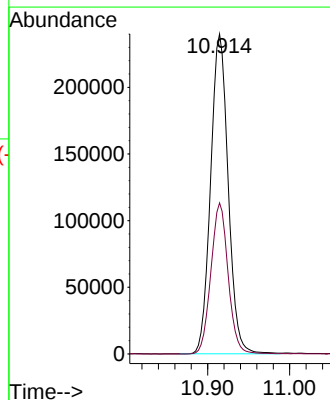
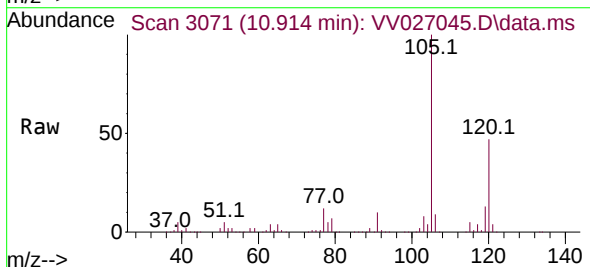
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050242

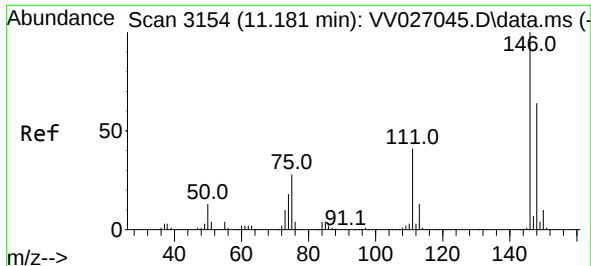
Tgt Ion:105 Resp: 441793
 Ion Ratio Lower Upper
 105 100
 120 49.1 39.3 58.9



#63
 1,2,4-Trimethylbenzene
 Concen: 54.194 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV027045.D
 Acq: 28 Jul 2022 18:20

Tgt Ion:105 Resp: 356778
 Ion Ratio Lower Upper
 105 100
 120 46.3 37.0 55.6

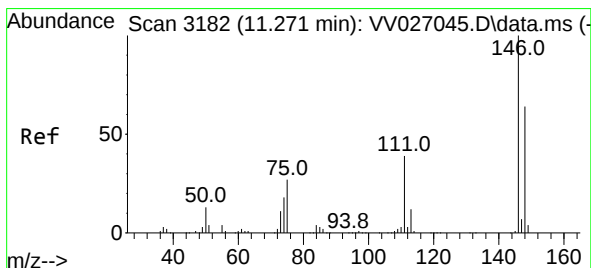
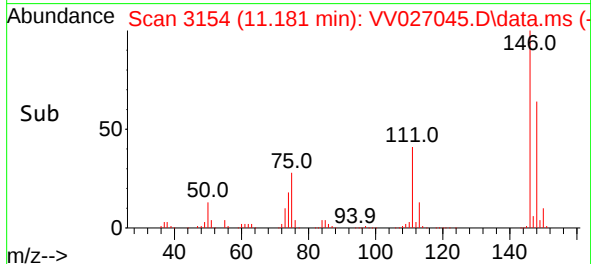
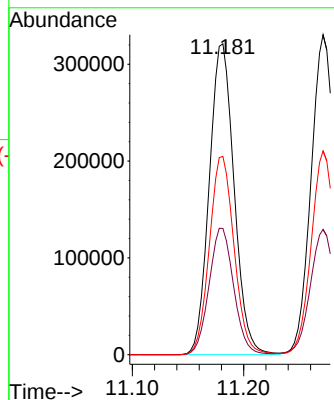
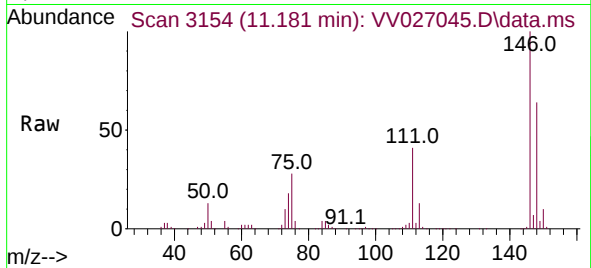




#64
 1,3-Dichlorobenzene
 Concen: 53.182 ug/L
 RT: 11.181 min Scan# 3154
 Delta R.T. 0.000 min
 Lab File: VV027045.D
 Acq: 28 Jul 2022 18:20

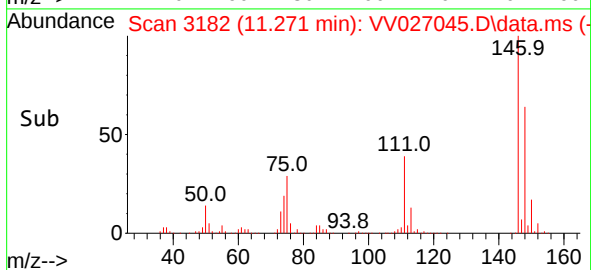
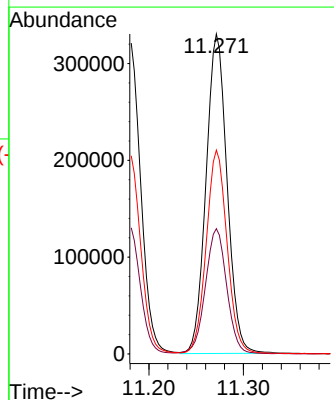
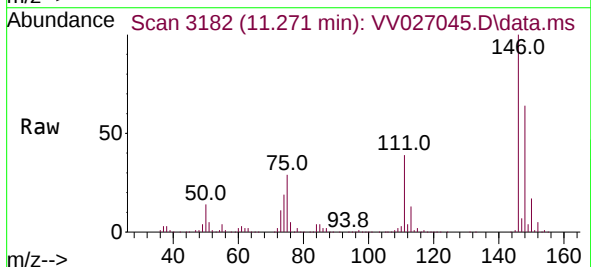
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050242

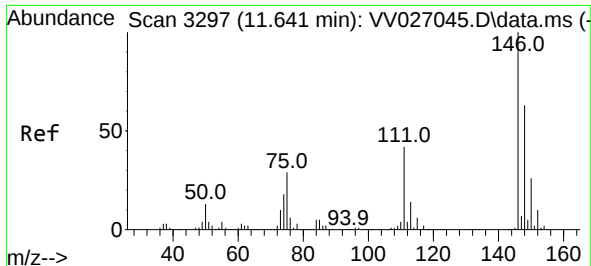
Tgt Ion:146 Resp: 497614
 Ion Ratio Lower Upper
 146 100
 111 40.6 28.4 52.8
 148 63.8 44.7 82.9



#65
 1,4-Dichlorobenzene
 Concen: 51.676 ug/L
 RT: 11.271 min Scan# 3182
 Delta R.T. 0.000 min
 Lab File: VV027045.D
 Acq: 28 Jul 2022 18:20

Tgt Ion:146 Resp: 509522
 Ion Ratio Lower Upper
 146 100
 111 39.2 27.4 51.0
 148 63.7 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 52.993 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV027045.D

Acq: 28 Jul 2022 18:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD050242

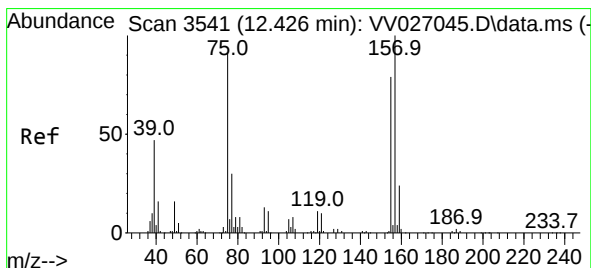
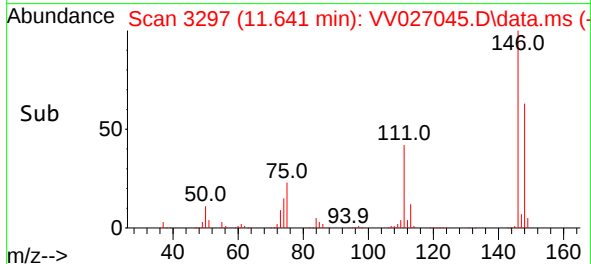
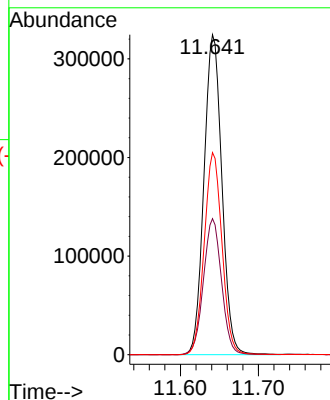
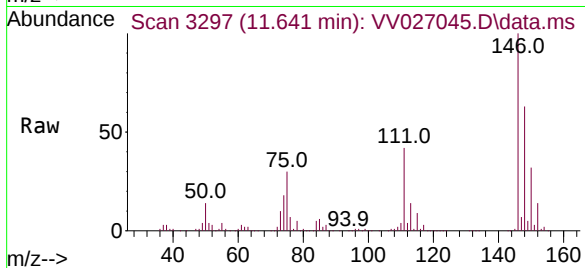
Tgt Ion:146 Resp: 517829

Ion Ratio Lower Upper

146 100

111 42.5 34.0 51.0

148 63.1 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 51.346 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV027045.D

Acq: 28 Jul 2022 18:20

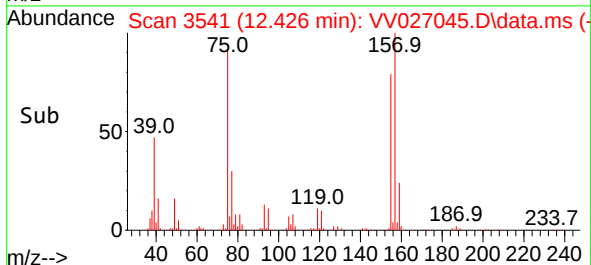
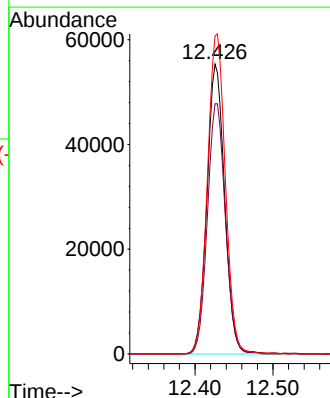
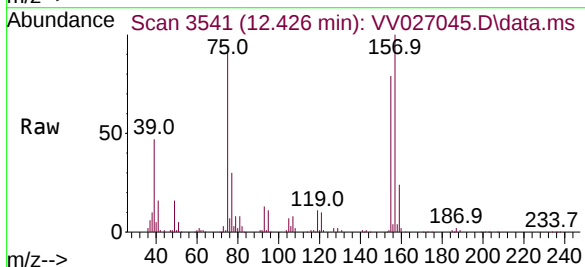
Tgt Ion: 75 Resp: 87203

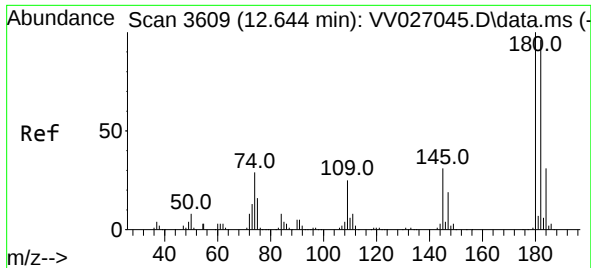
Ion Ratio Lower Upper

75 100

155 86.4 69.1 103.7

157 109.8 87.8 131.8

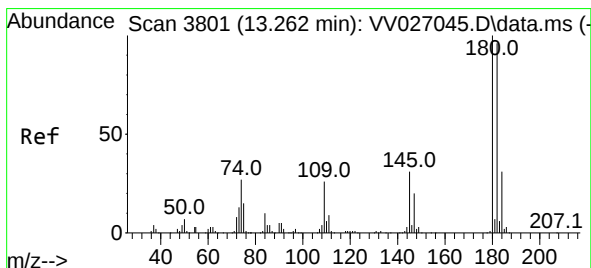
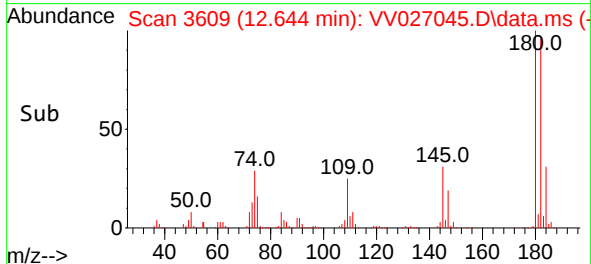
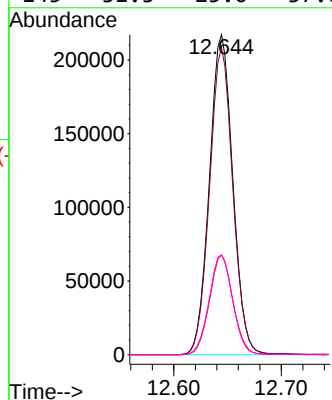
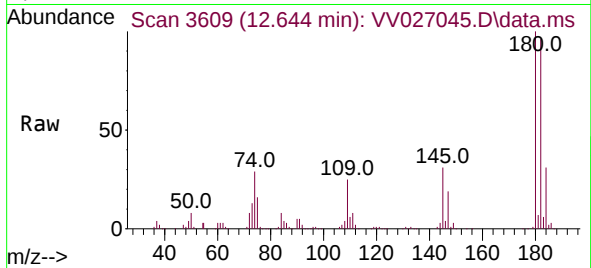




#69
 1,3,5-Trichlorobenzene
 Concen: 51.733 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV027045.D
 Acq: 28 Jul 2022 18:20

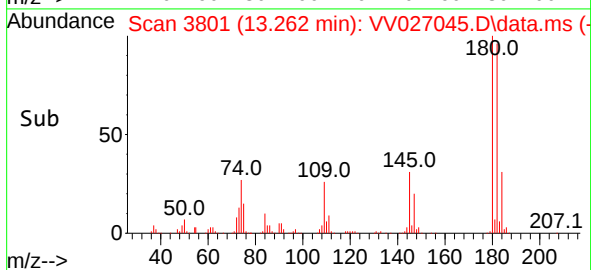
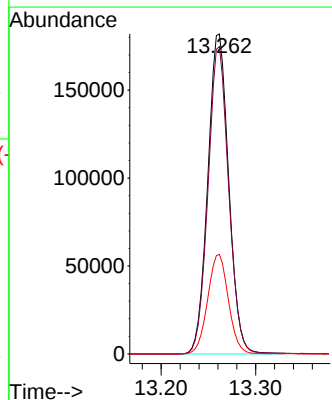
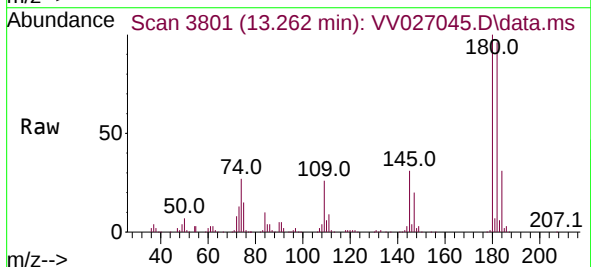
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050242

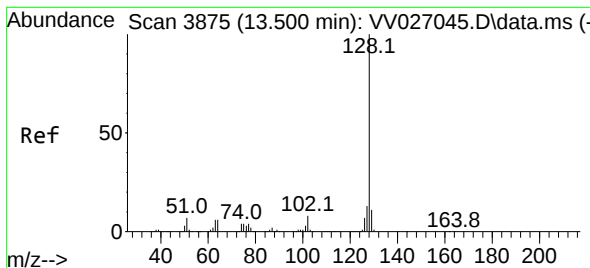
Tgt Ion:180 Resp: 328313
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.2 114.4
 184 31.0 24.8 37.2
 145 31.3 25.0 37.6



#70
 1,2,4-trichlorobenzene
 Concen: 51.442 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.000 min
 Lab File: VV027045.D
 Acq: 28 Jul 2022 18:20

Tgt Ion:180 Resp: 279421
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.9 113.9
 145 30.9 24.7 37.1





#71

Naphthalene

Concen: 50.806 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV027045.D

Acq: 28 Jul 2022 18:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD050242

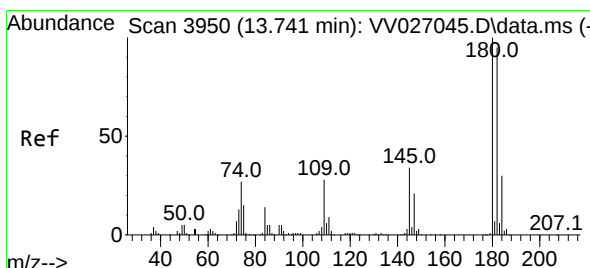
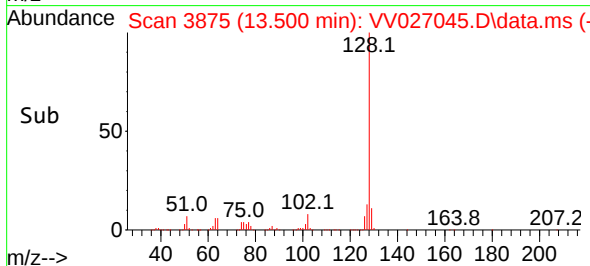
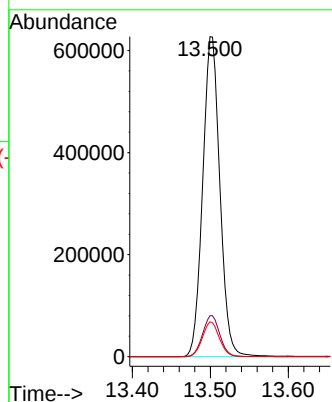
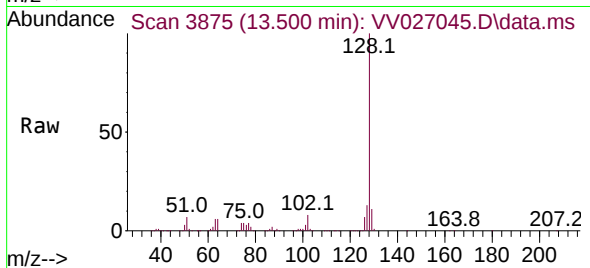
Tgt Ion:128 Resp: 960257

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 52.658 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV027045.D

Acq: 28 Jul 2022 18:20

Tgt Ion:180 Resp: 310241

Ion Ratio Lower Upper

180 100

182 95.4 76.3 114.5

145 34.2 27.4 41.0

