

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112222\
 Data File : VW029266.D
 Acq On : 22 Nov 2022 16:40
 Operator : SY/MD
 Sample : VSTD01006
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 01:02:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 23 01:00:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	291402	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	260301	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	130365	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	301489	10.846	ug/L	0.00
7) Chloroethane-d5	1.565	69	231885	10.657	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	500610	10.573	ug/L	0.00
20) 2-Butanone-d5	3.892	46	455468	111.006	ug/L	-0.02
24) Chloroform-d	4.336	84	420966	10.679	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.021	65	201750	10.820	ug/L	0.00
32) Benzene-d6	5.040	84	912306	10.750	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.060	67	286228	10.674	ug/L	0.00
41) Toluene-d8	7.307	98	824092	10.777	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.613	79	97749	10.948	ug/L	0.00
46) 2-Hexanone-d5	8.085	63	180754	115.863	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	143999	10.802	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.612	152	265899	10.573	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	259549	10.665	ug/L	99
3) Chloromethane	1.237	50	330612	9.882	ug/L	99
5) Vinyl chloride	1.307	62	338069	10.533	ug/L	98
6) Bromomethane	1.520	94	182646	10.293	ug/L	97
8) Chloroethane	1.581	64	203414	10.576	ug/L	100
9) Trichlorofluoromethane	1.748	101	386474	10.540	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	226572	10.430	ug/L	99
12) 1,1-Dichloroethene	2.111	96	217936	10.135	ug/L	93
13) Acetone	2.188	43	349986	102.822	ug/L	100
14) Carbon disulfide	2.288	76	628078	10.343	ug/L	100
15) Methyl Acetate	2.433	43	86117	9.756	ug/L	100
16) Methylene chloride	2.500	84	276137	8.157	ug/L	99
17) Methyl tert-butyl Ether	2.764	73	496230	10.506	ug/L	100
18) trans-1,2-Dichloroethene	2.751	96	225021	10.299	ug/L	98
19) 1,1-Dichloroethane	3.179	63	458396	10.410	ug/L	99
21) 2-Butanone	3.976	43	550045	102.084	ug/L	97
22) cis-1,2-Dichloroethene	3.899	96	248387	10.418	ug/L	96
23) Bromochloromethane	4.236	128	94907	10.653	ug/L	99
25) Chloroform	4.365	83	439964	10.503	ug/L	99
27) 1,2-Dichloroethane	5.121	62	241563	10.526	ug/L	99
29) 1,1,1-Trichloroethane	4.597	97	360507	10.464	ug/L	99
30) Cyclohexane	4.667	56	436546	10.479	ug/L	100
31) Carbon tetrachloride	4.818	117	287319	10.454	ug/L	98
33) Benzene	5.092	78	987166	10.414	ug/L	100
34) Trichloroethene	5.905	95	258905	10.380	ug/L	97
35) Methylcyclohexane	6.124	83	431920	10.713	ug/L	98
37) 1,2-Dichloropropane	6.166	63	263819	10.734	ug/L	99
38) Bromodichloromethane	6.500	83	290957	10.580	ug/L	97
39) cis-1,3-Dichloropropene	7.018	75	346326	10.885	ug/L	100
40) 4-Methyl-2-pentanone	7.220	43	1343619	108.281	ug/L	100
42) Toluene	7.378	91	1021973	10.487	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	267852	10.928	ug/L	99

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

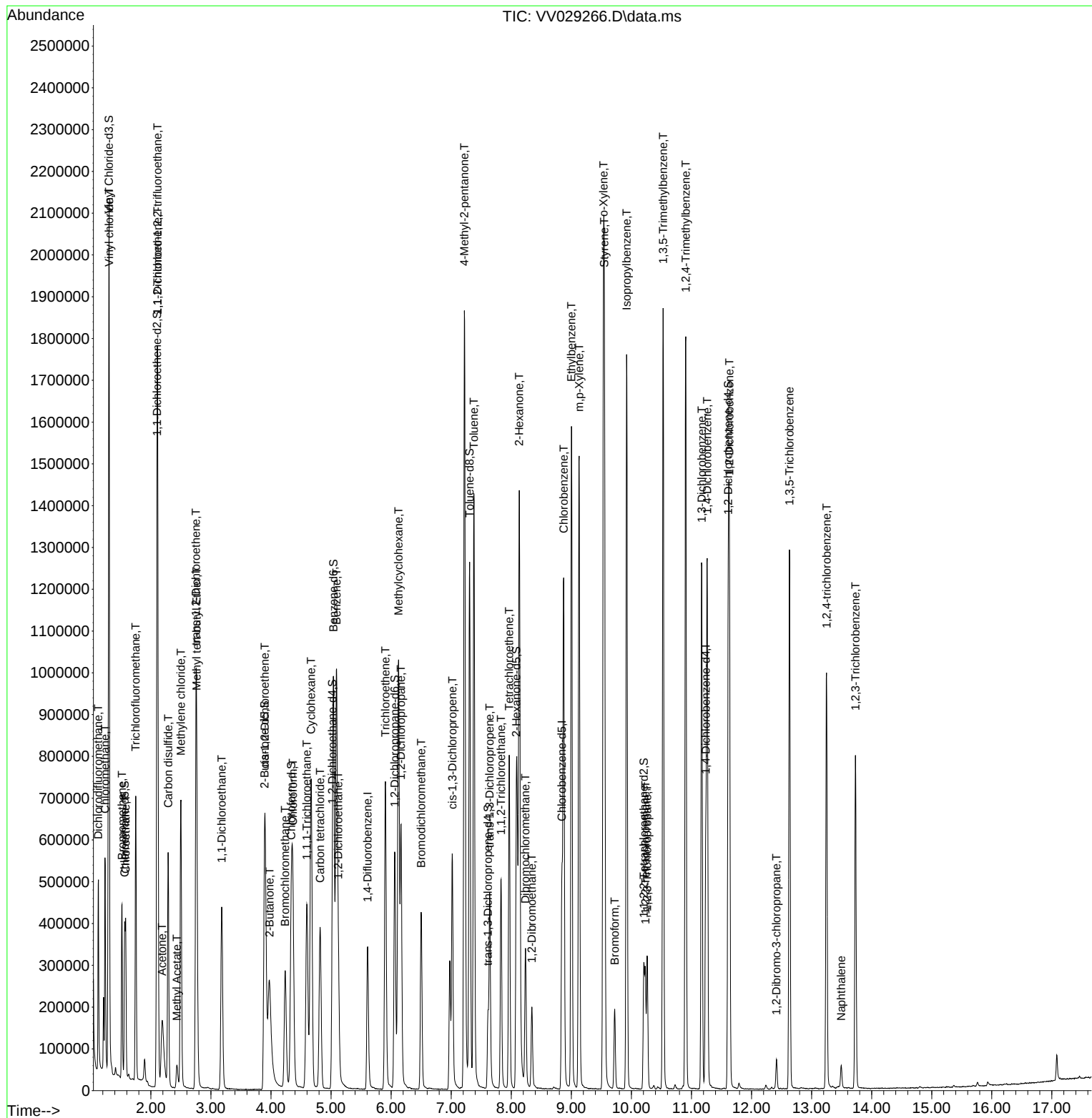
45) 1,1,2-Trichloroethane	7.831	97	152945	10.487	ug/L	99
47) Tetrachloroethene	7.966	164	171127	10.447	ug/L	99
48) 2-Hexanone	8.133	43	1011644	106.014	ug/L	100
49) Dibromochloromethane	8.236	129	163780	10.745	ug/L	99
50) 1,2-Dibromoethane	8.342	107	131837	10.684	ug/L	98
51) Chlorobenzene	8.873	112	617398	10.426	ug/L	100
52) Ethylbenzene	9.002	91	1114605	10.628	ug/L	99
53) m,p-Xylene	9.130	106	419882	10.785	ug/L	96
54) o-Xylene	9.535	106	409505	10.749	ug/L	100
55) Styrene	9.551	104	710248	10.902	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.233	83	140138	10.753	ug/L	99
59) Bromoform	9.722	173	81979	10.720	ug/L	99
60) Isopropylbenzene	9.921	105	1104624	10.506	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	129078	10.348	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	944971	10.584	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	954587	10.749	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	478578	10.401	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	464615	10.309	ug/L	98
67) 1,2-Dichlorobenzene	11.632	146	431018	10.341	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	17977	9.597	ug/L	93
69) 1,3,5-Trichlorobenzene	12.632	180	370545	10.341	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	284134	10.218	ug/L	99
71) Naphthalene	13.493	128	44976	4.577	ug/L	97
72) 1,2,3-Trichlorobenzene	13.731	180	227118	10.144	ug/L	100

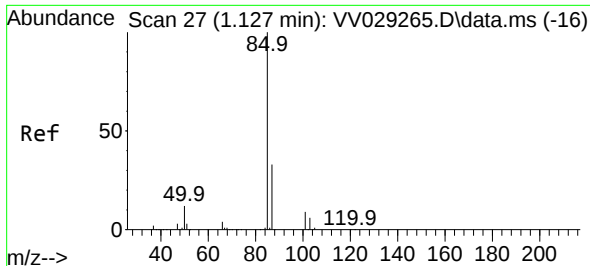
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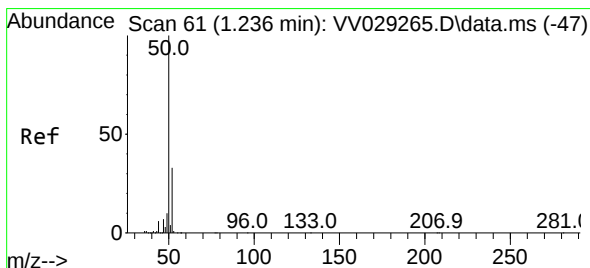
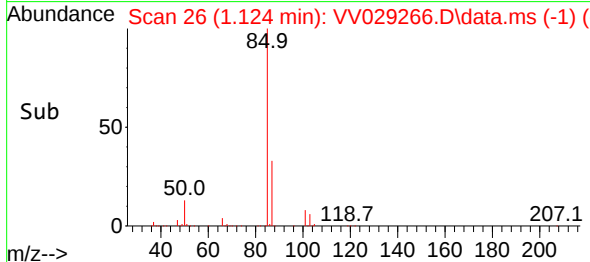
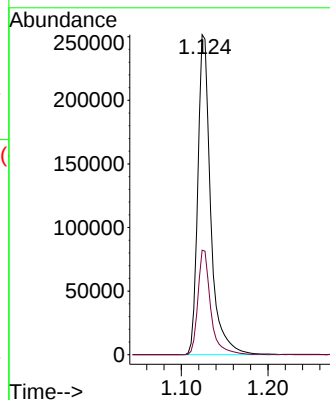
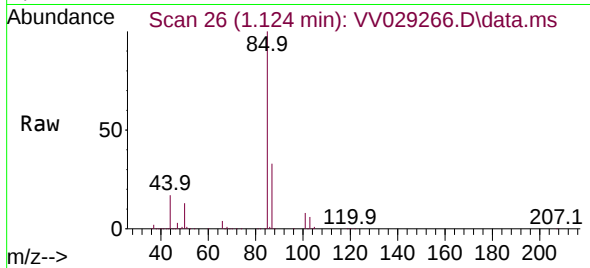




#2
 Dichlorodifluoromethane
 Concen: 10.665 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV029266.D
 Acq: 22 Nov 2022 16:40

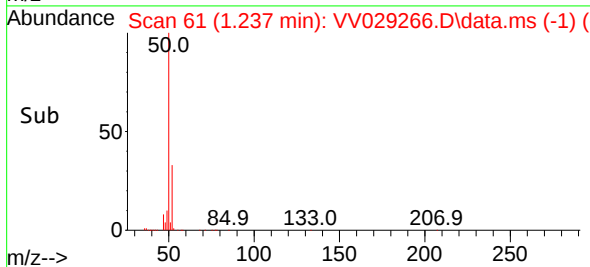
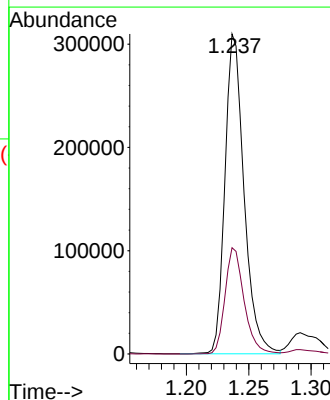
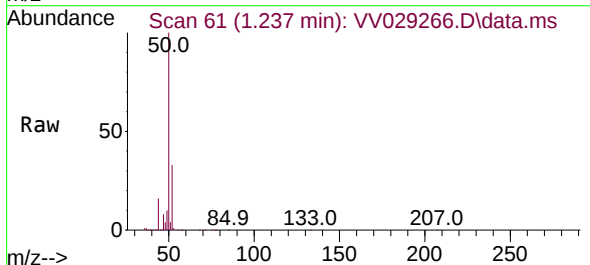
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 ClientSampleId :

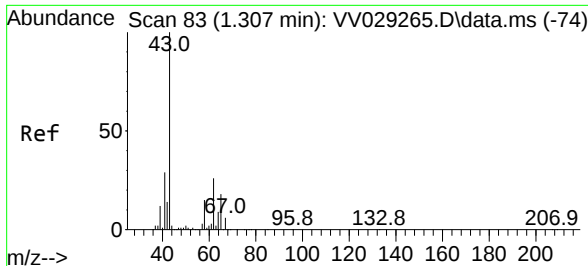
Tgt Ion: 85 Resp: 259549
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.3 39.5



#3
 Chloromethane
 Concen: 9.882 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV029266.D
 Acq: 22 Nov 2022 16:40

Tgt Ion: 50 Resp: 330612
 Ion Ratio Lower Upper
 50 100
 52 33.2 22.8 42.4

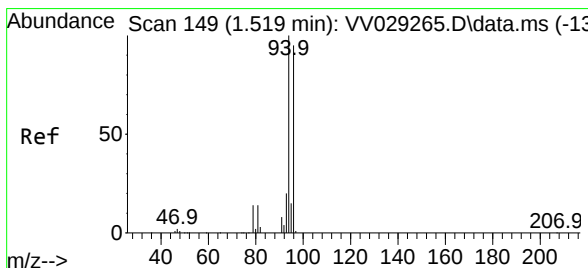
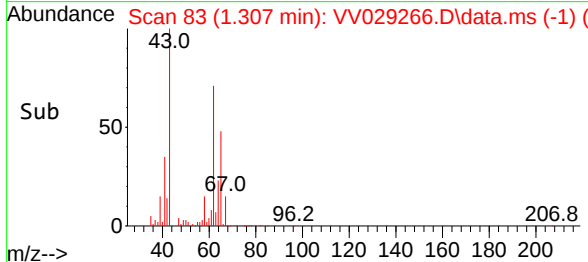
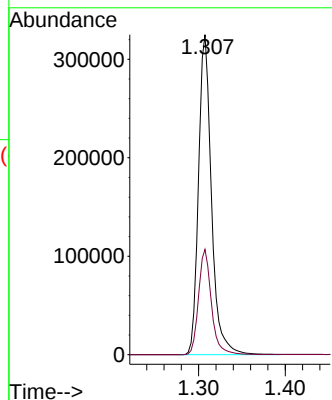
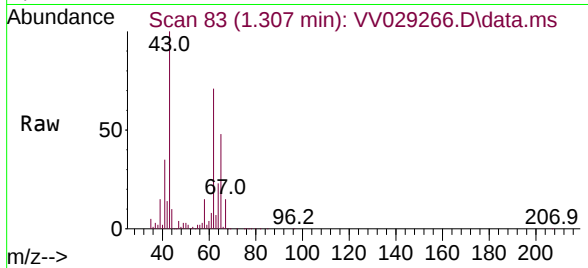




#5
 Vinyl chloride
 Concen: 10.533 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV029266.D
 Acq: 22 Nov 2022 16:40

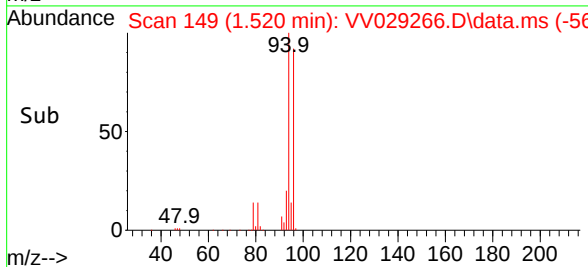
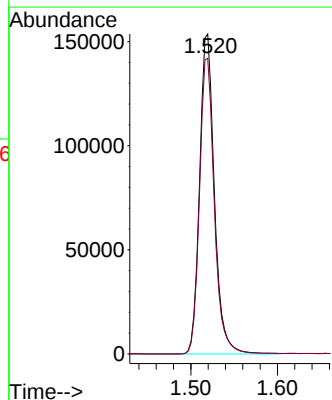
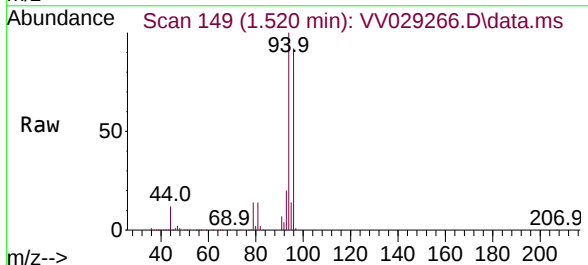
Instrument :
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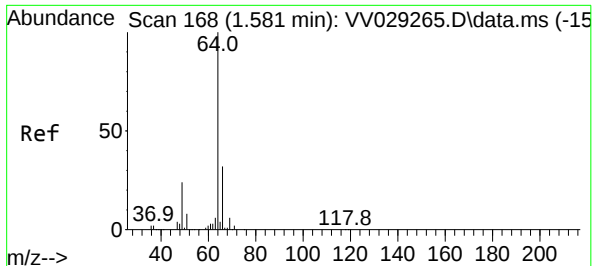
Tgt Ion: 62 Resp: 338069
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.8 44.2



#6
 Bromomethane
 Concen: 10.293 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV029266.D
 Acq: 22 Nov 2022 16:40

Tgt Ion: 94 Resp: 182646
 Ion Ratio Lower Upper
 94 100
 96 92.4 66.8 124.2

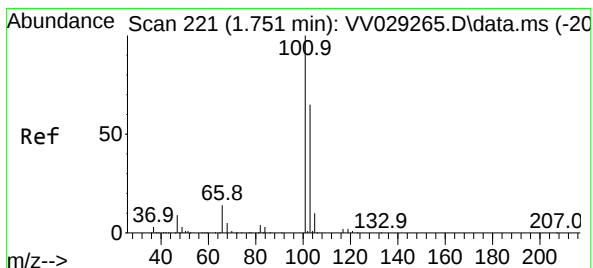
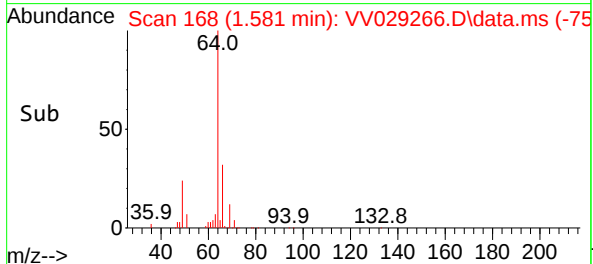
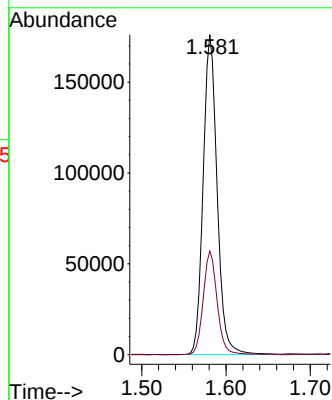
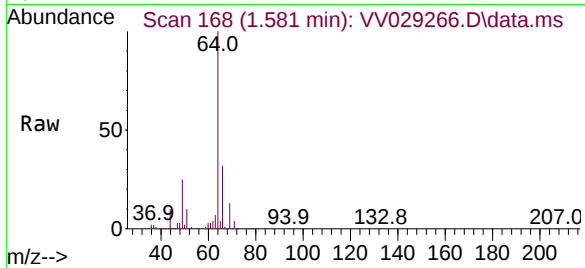




#8
Chloroethane
Concen: 10.576 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV029266.D
Acq: 22 Nov 2022 16:40

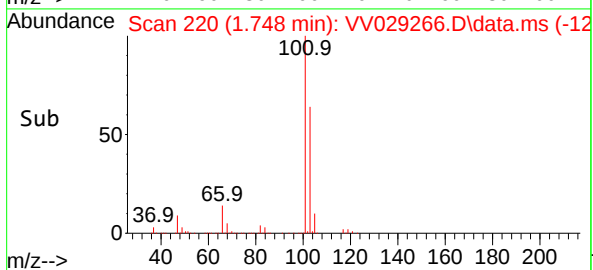
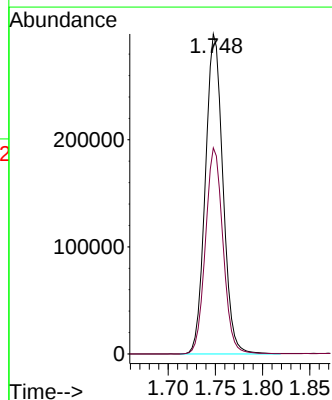
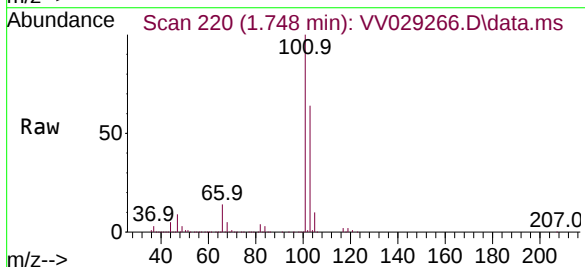
Instrument :
MSVOA_V
ClientSampleId :

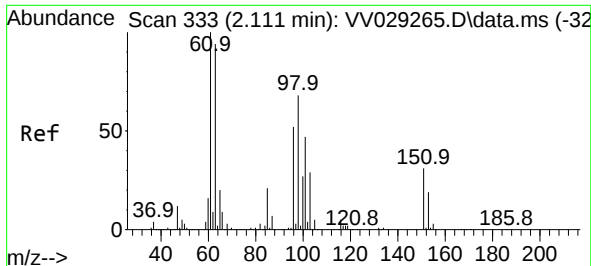
Tgt Ion: 64 Resp: 203414
Ion Ratio Lower Upper
64 100
66 32.3 22.6 42.0



#9
Trichlorofluoromethane
Concen: 10.540 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV029266.D
Acq: 22 Nov 2022 16:40

Tgt Ion:101 Resp: 386474
Ion Ratio Lower Upper
101 100
103 64.3 51.7 77.5





#10

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

Concen: 10.430 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV029266.D

Acq: 22 Nov 2022 16:40

Instrument :

MSVOA_V

ClientSampleId :

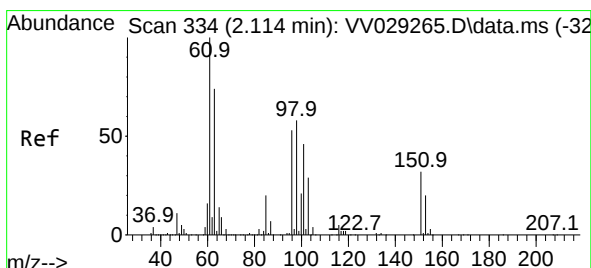
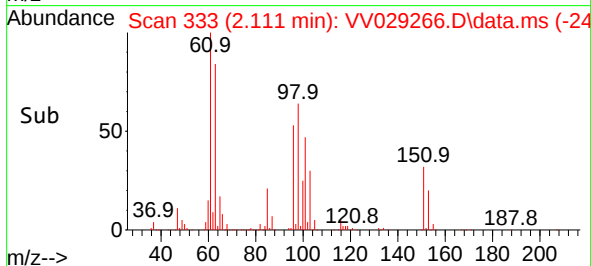
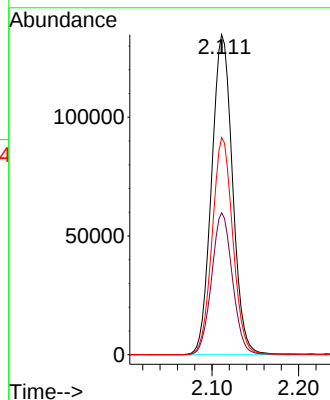
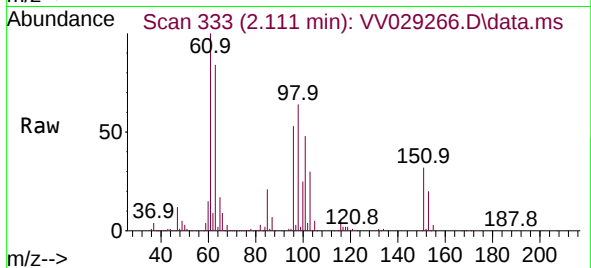
Tgt Ion:101 Resp: 226572

Ion Ratio Lower Upper

101 100

85 44.1 34.7 52.1

151 67.0 53.4 80.2



#12

1,1-Dichloroethene

Concen: 10.135 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.003 min

Lab File: VV029266.D

Acq: 22 Nov 2022 16:40

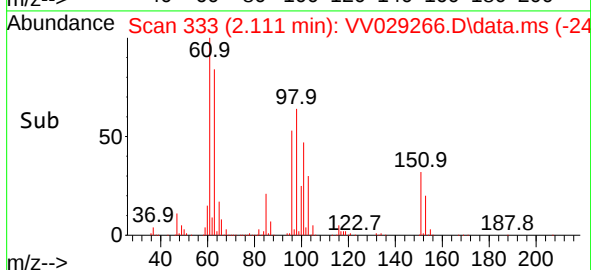
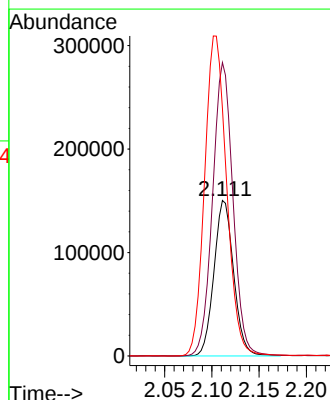
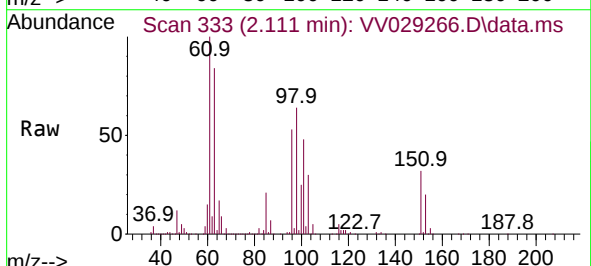
Tgt Ion: 96 Resp: 217936

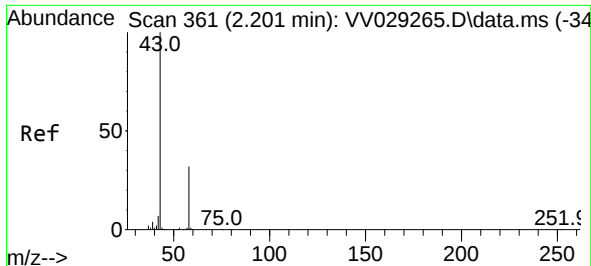
Ion Ratio Lower Upper

96 100

61 188.7 131.9 245.0

63 159.2 98.6 183.0

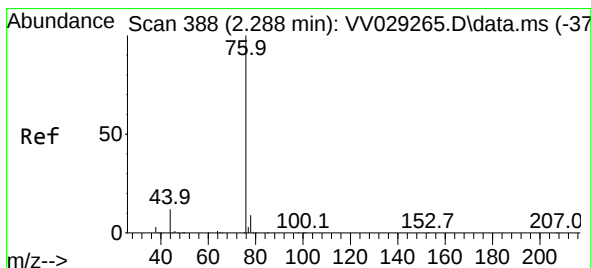
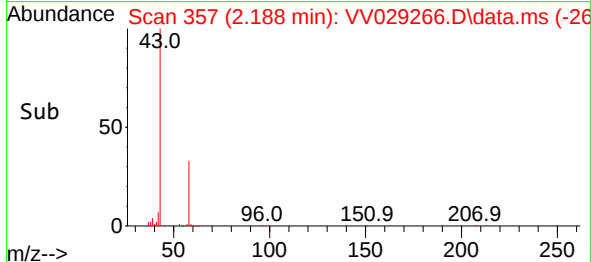
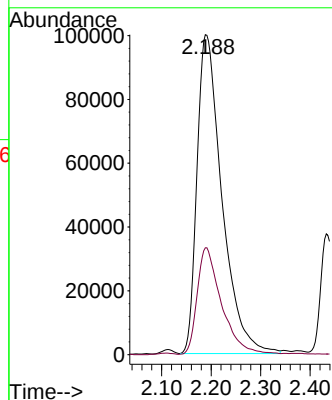
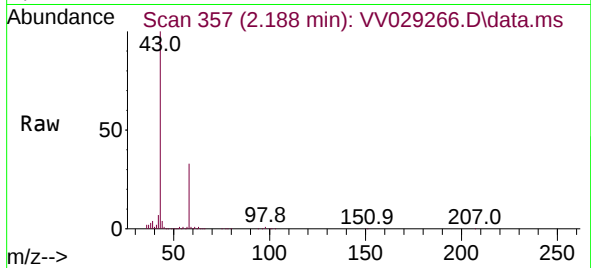




#13
Acetone
Concen: 102.822 ug/L
RT: 2.188 min Scan# 31
Delta R.T. -0.013 min
Lab File: VV029266.D
Acq: 22 Nov 2022 16:40

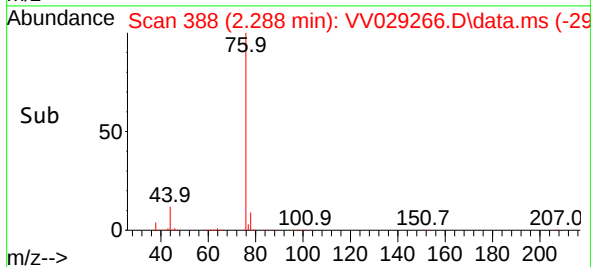
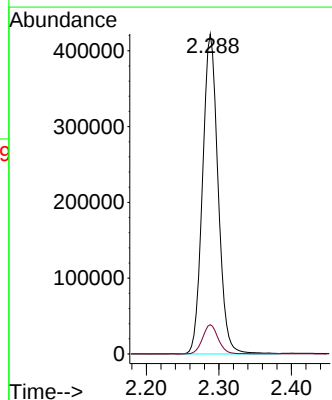
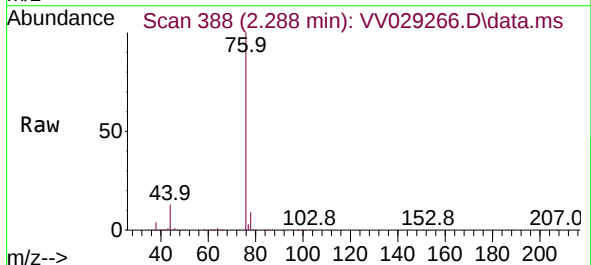
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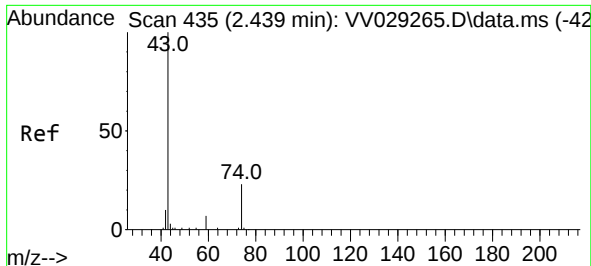
Tgt Ion: 43 Resp: 349986
Ion Ratio Lower Upper
43 100
58 32.6 0.0 65.2



#14
Carbon disulfide
Concen: 10.343 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.000 min
Lab File: VV029266.D
Acq: 22 Nov 2022 16:40

Tgt Ion: 76 Resp: 628078
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

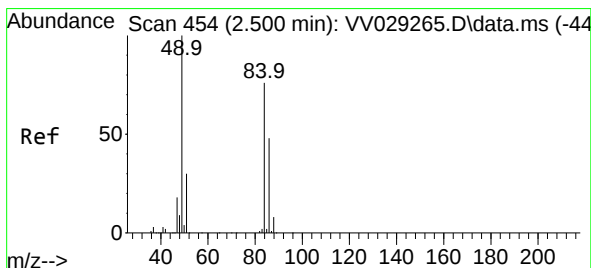
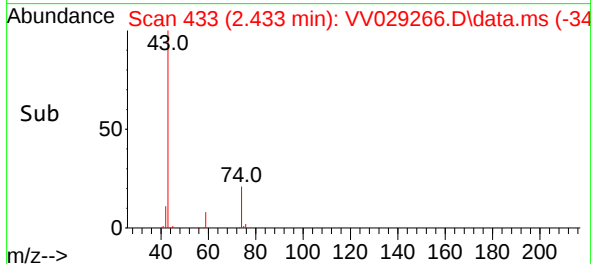
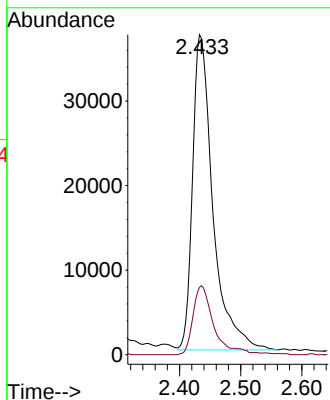
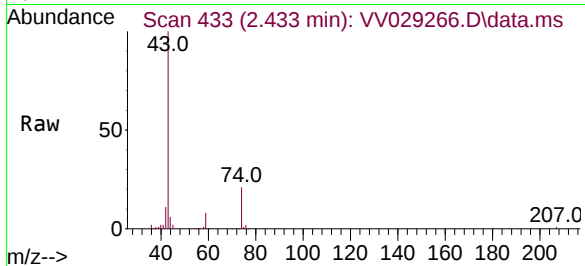




#15
Methyl Acetate
Concen: 9.756 ug/L
RT: 2.433 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV029266.D
Acq: 22 Nov 2022 16:40

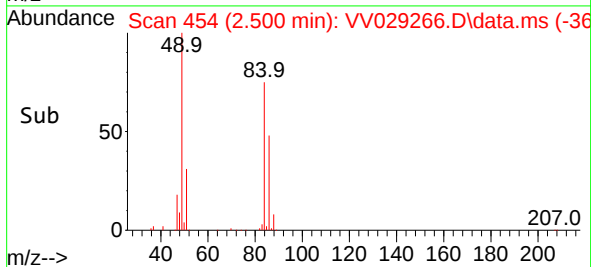
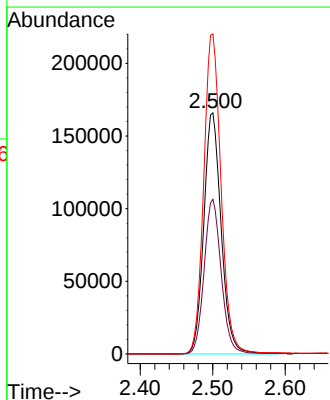
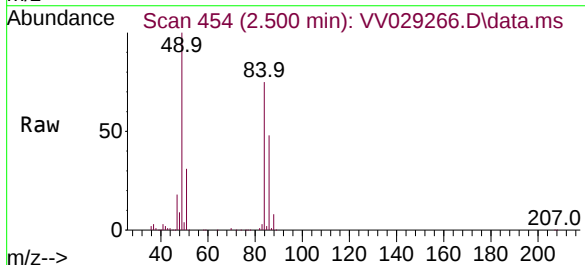
Instrument :
MSVOA_V
ClientSampleId :

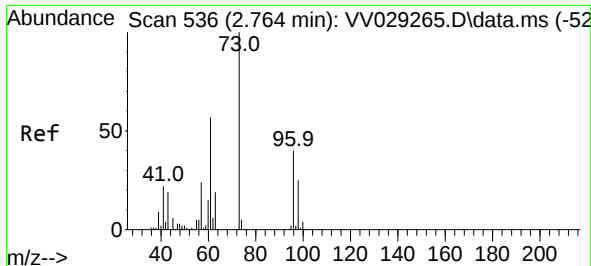
Tgt Ion: 43 Resp: 86117
Ion Ratio Lower Upper
43 100
74 22.3 18.0 27.0



#16
Methylene chloride
Concen: 8.157 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV029266.D
Acq: 22 Nov 2022 16:40

Tgt Ion: 84 Resp: 276137
Ion Ratio Lower Upper
84 100
86 64.1 44.2 82.2
49 132.7 91.9 170.7

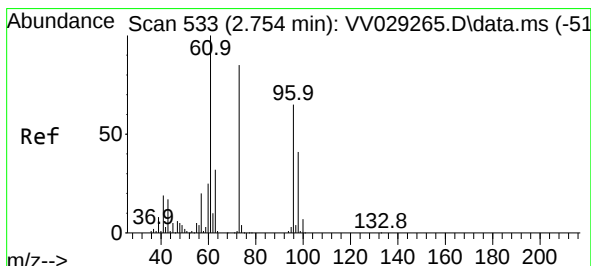
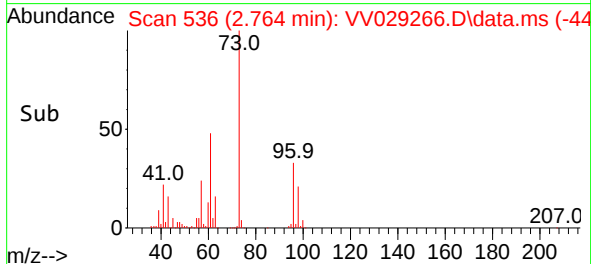
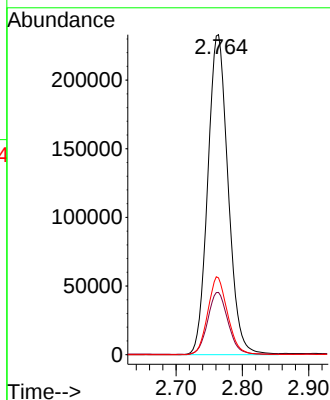
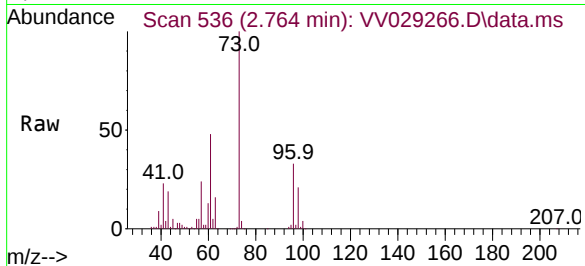




#17
Methyl tert-butyl Ether
Concen: 10.506 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV029266.D
Acq: 22 Nov 2022 16:40

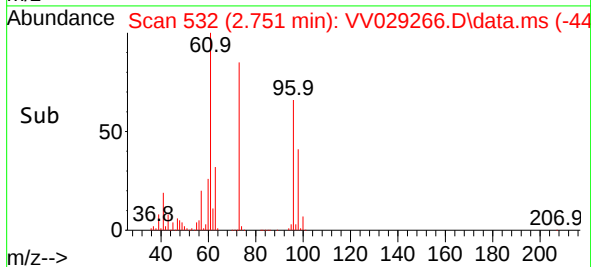
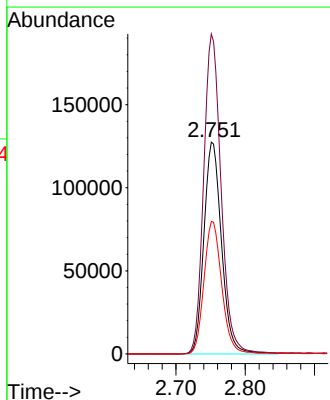
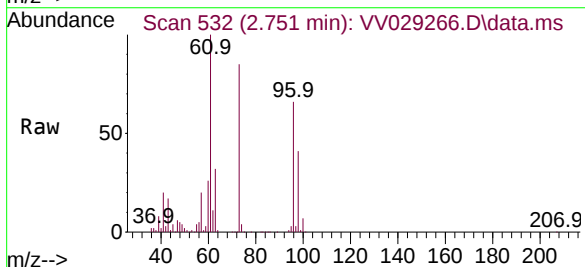
Instrument :
MSVOA_V
ClientSampleId :

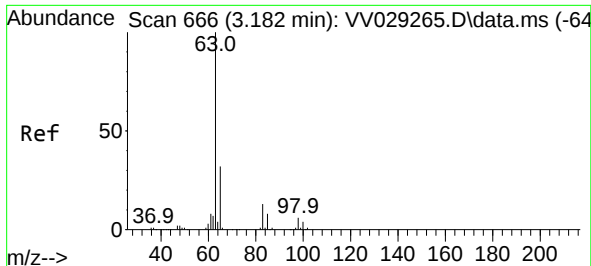
Tgt Ion: 73 Resp: 496230
Ion Ratio Lower Upper
73 100
43 19.2 15.4 23.2
57 23.8 18.9 28.3



#18
trans-1,2-Dichloroethene
Concen: 10.299 ug/L
RT: 2.751 min Scan# 532
Delta R.T. -0.003 min
Lab File: VV029266.D
Acq: 22 Nov 2022 16:40

Tgt Ion: 96 Resp: 225021
Ion Ratio Lower Upper
96 100
61 151.0 107.6 199.8
98 62.5 44.3 82.3





#19

1,1-Dichloroethane

Concen: 10.410 ug/L

RT: 3.179 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV029266.D

Acq: 22 Nov 2022 16:40

Instrument :

MSVOA_V

ClientSampleId :

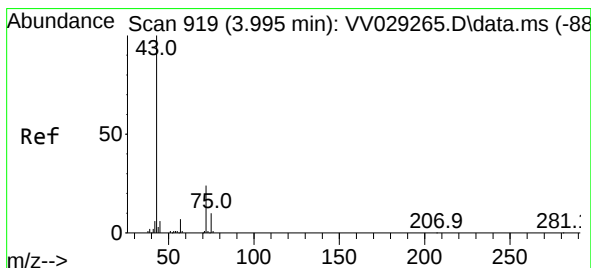
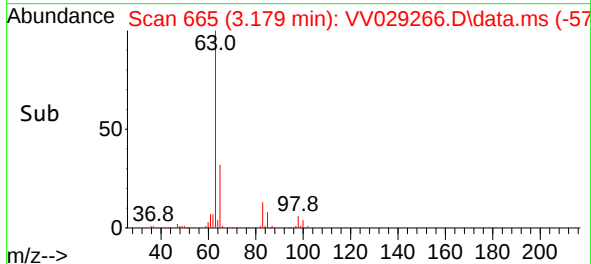
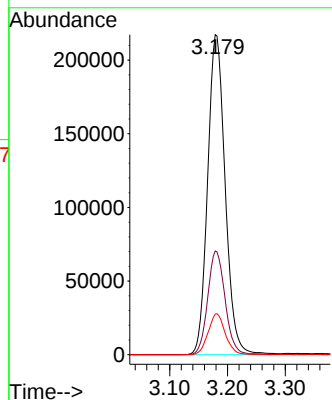
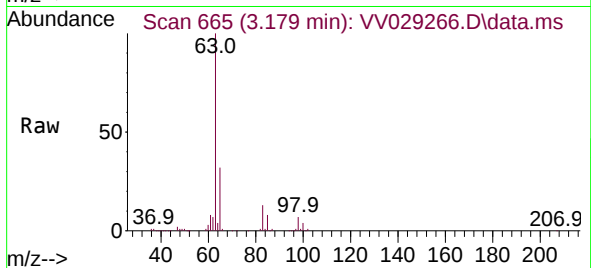
Tgt Ion: 63 Resp: 458396

Ion Ratio Lower Upper

63 100

65 32.4 22.1 41.1

83 12.7 9.0 16.8



#21

2-Butanone

Concen: 102.084 ug/L

RT: 3.976 min Scan# 913

Delta R.T. -0.019 min

Lab File: VV029266.D

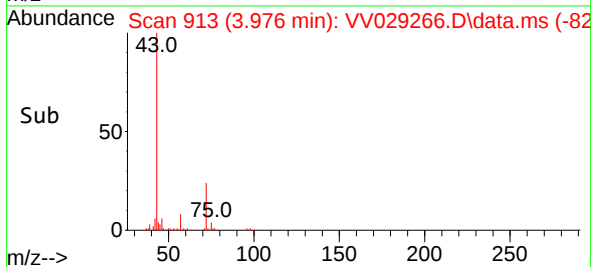
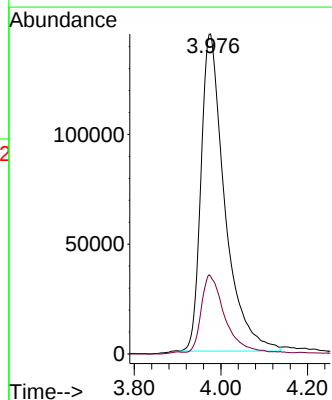
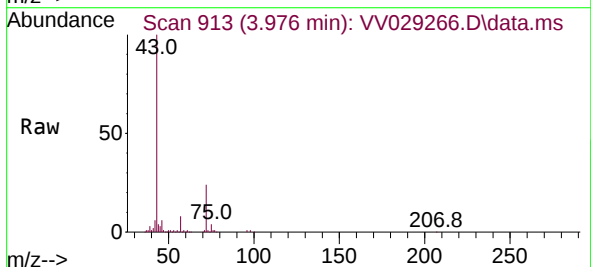
Acq: 22 Nov 2022 16:40

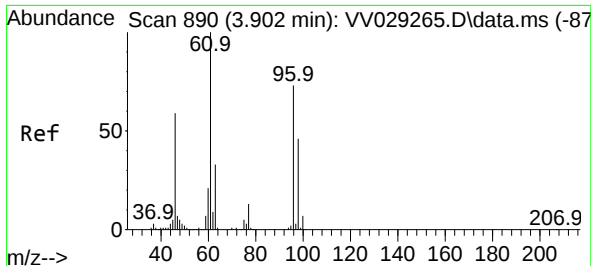
Tgt Ion: 43 Resp: 550045

Ion Ratio Lower Upper

43 100

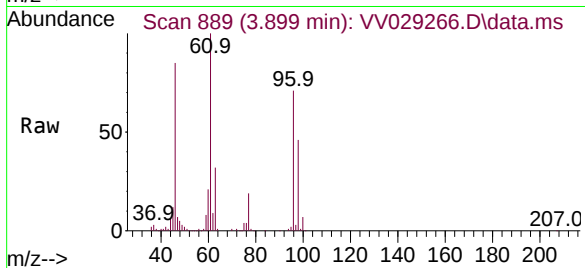
72 24.1 11.3 33.8



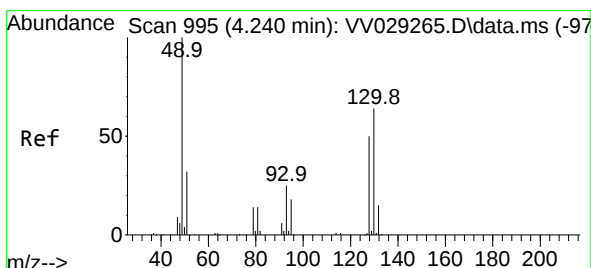
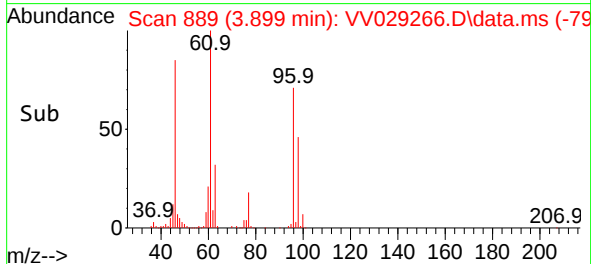
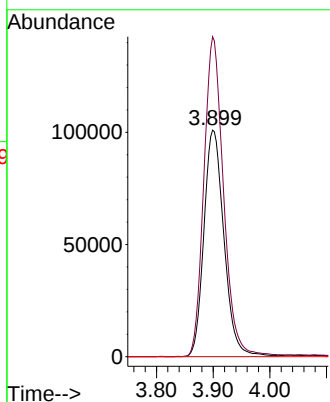


#22
 cis-1,2-Dichloroethene
 Concen: 10.418 ug/L
 RT: 3.899 min Scan# 890
 Delta R.T. -0.003 min
 Lab File: VV029266.D
 Acq: 22 Nov 2022 16:40

Instrument :
 MSVOA_V
 ClientSampleId :

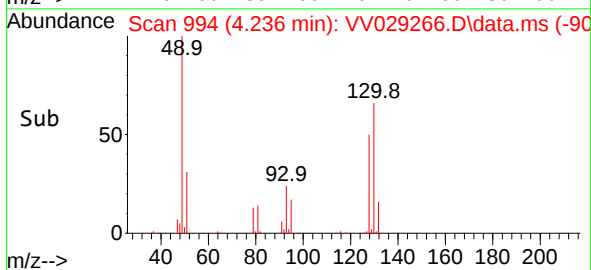
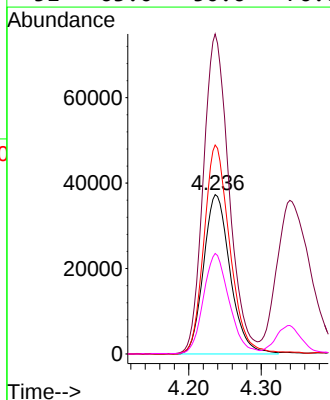
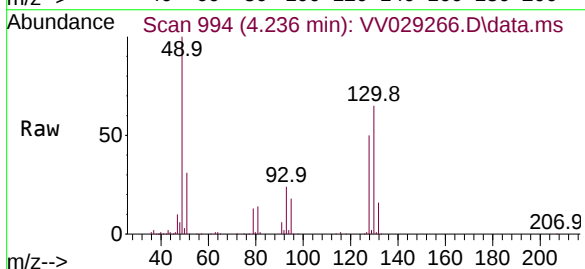


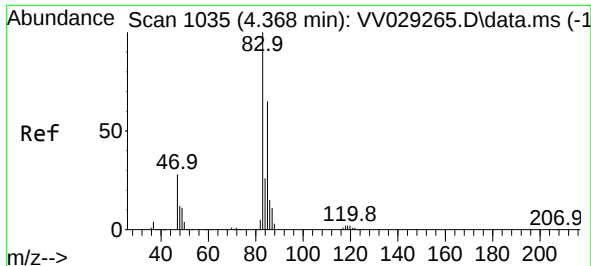
Tgt Ion: 96 Resp: 248387
 Ion Ratio Lower Upper
 96 100
 61 141.2 95.8 178.0
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 10.653 ug/L
 RT: 4.236 min Scan# 994
 Delta R.T. -0.003 min
 Lab File: VV029266.D
 Acq: 22 Nov 2022 16:40

Tgt Ion: 128 Resp: 94907
 Ion Ratio Lower Upper
 128 100
 49 200.7 139.9 259.9
 130 131.1 89.9 166.9
 51 63.0 50.6 76.0





#25

Chloroform

Concen: 10.503 ug/L

RT: 4.365 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV029266.D

Acq: 22 Nov 2022 16:40

Instrument :

MSVOA_V

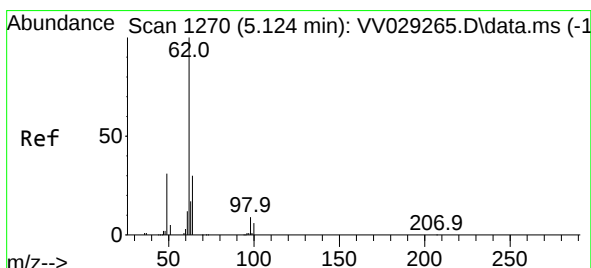
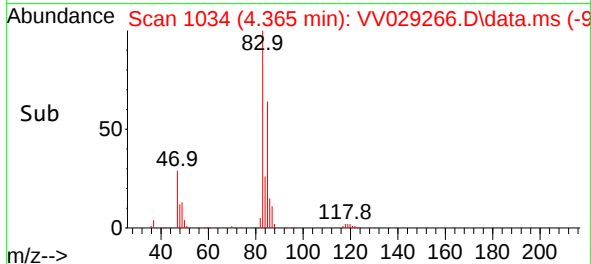
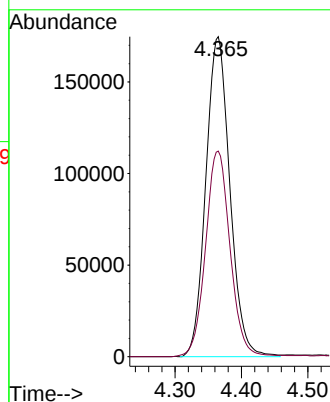
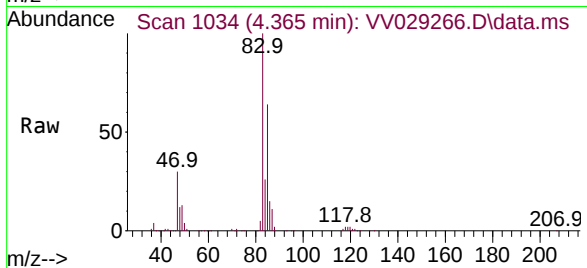
ClientSampleId :

Tgt Ion: 83 Resp: 439964

Ion Ratio Lower Upper

83 100

85 64.3 45.6 84.6



#27

1,2-Dichloroethane

Concen: 10.526 ug/L

RT: 5.121 min Scan# 1269

Delta R.T. -0.003 min

Lab File: VV029266.D

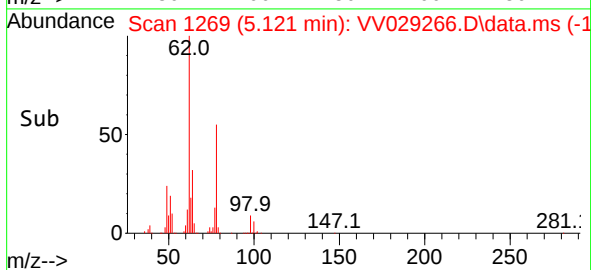
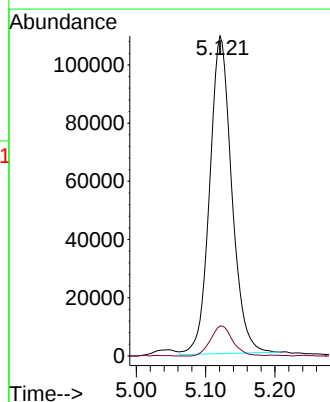
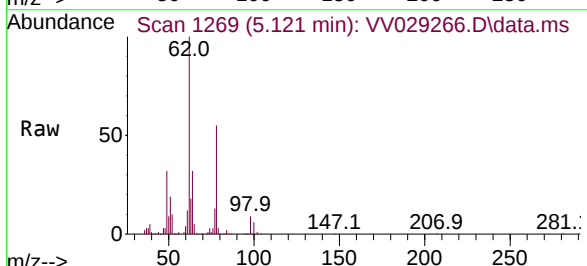
Acq: 22 Nov 2022 16:40

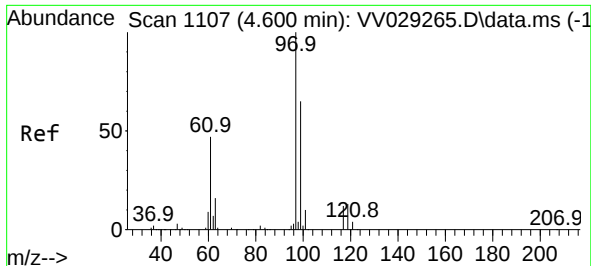
Tgt Ion: 62 Resp: 241563

Ion Ratio Lower Upper

62 100

98 9.4 7.3 10.9





#29

1,1,1-Trichloroethane

Concen: 10.464 ug/L

RT: 4.597 min Scan# 1106

Delta R.T. -0.003 min

Lab File: VV029266.D

Acq: 22 Nov 2022 16:40

Instrument :

MSVOA_V

ClientSampleId :

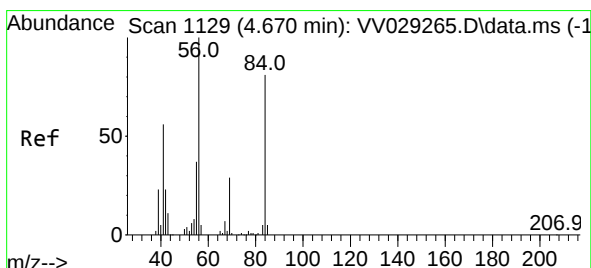
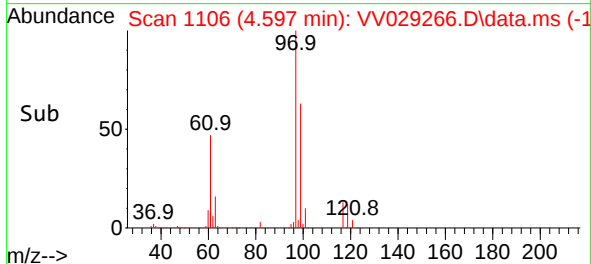
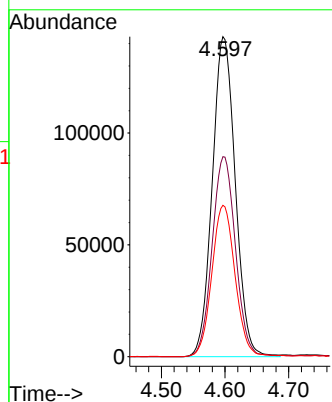
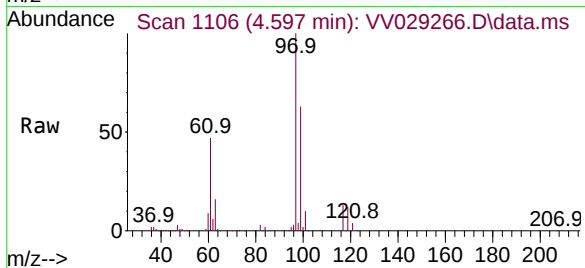
Tgt Ion: 97 Resp: 360507

Ion Ratio Lower Upper

97 100

99 63.4 51.1 76.7

61 47.8 39.0 58.4



#30

Cyclohexane

Concen: 10.479 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.003 min

Lab File: VV029266.D

Acq: 22 Nov 2022 16:40

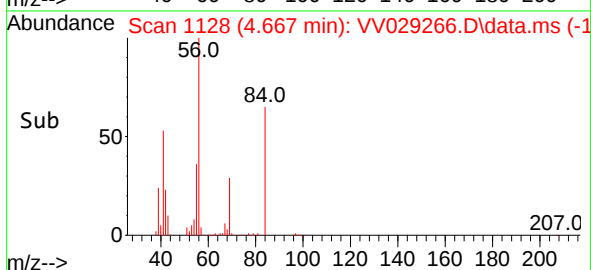
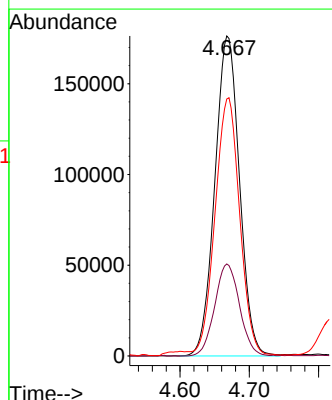
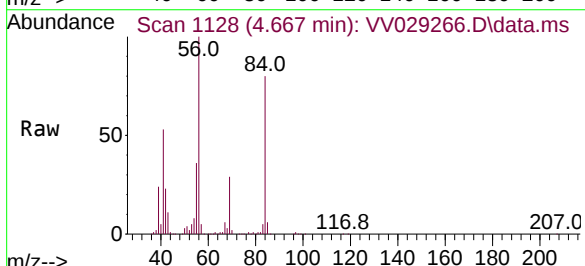
Tgt Ion: 56 Resp: 436546

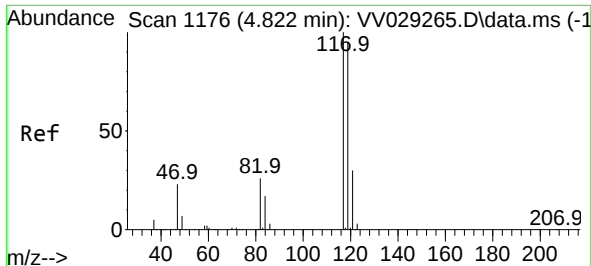
Ion Ratio Lower Upper

56 100

69 28.9 23.4 35.0

84 80.7 64.6 97.0

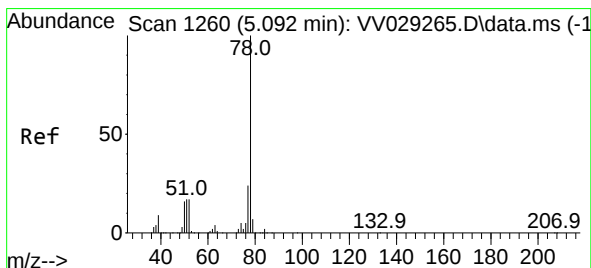
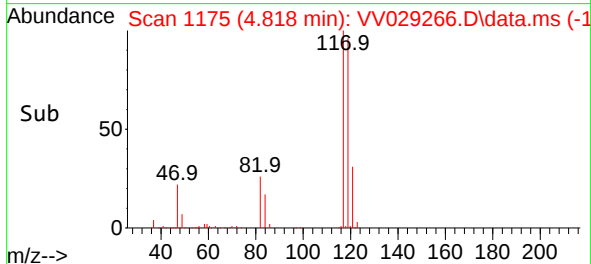
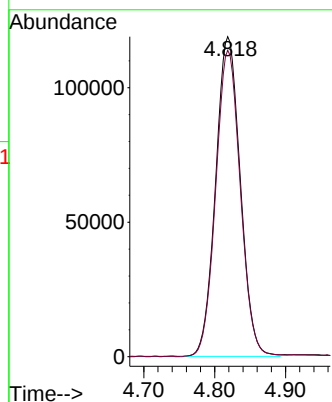
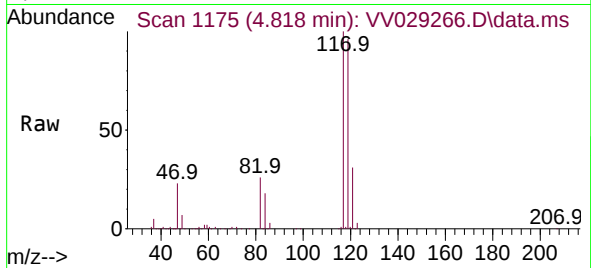




#31
Carbon tetrachloride
Concen: 10.454 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. -0.003 min
Lab File: VV029266.D
Acq: 22 Nov 2022 16:40

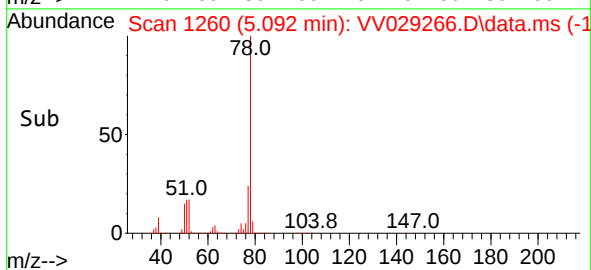
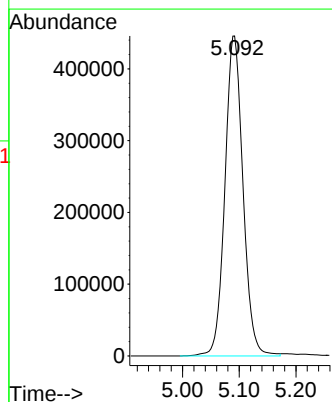
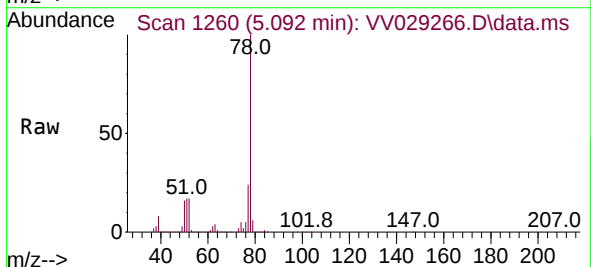
Instrument :
MSVOA_V
ClientSampleId :

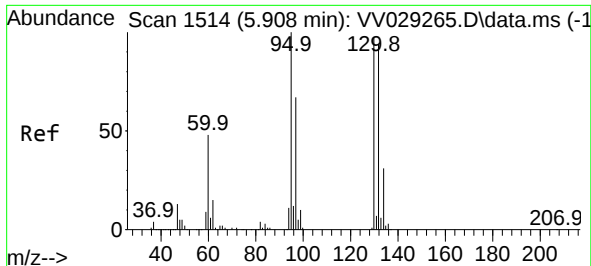
Tgt Ion:117 Resp: 287319
Ion Ratio Lower Upper
117 100
119 95.8 75.1 112.7



#33
Benzene
Concen: 10.414 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VV029266.D
Acq: 22 Nov 2022 16:40

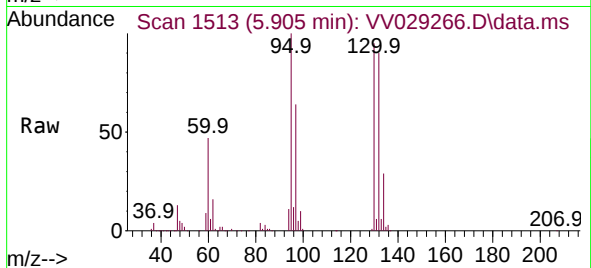
Tgt Ion: 78 Resp: 987166





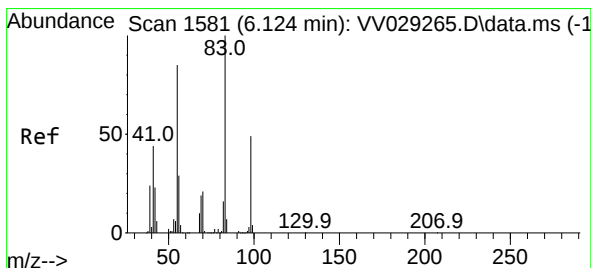
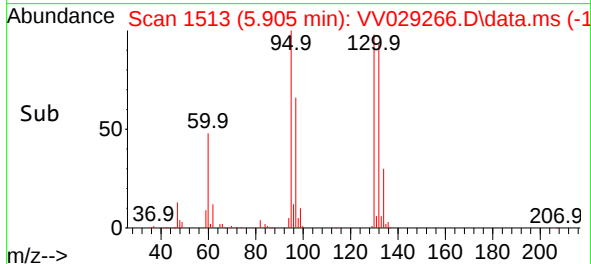
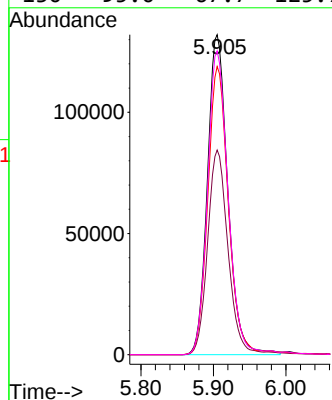
#34
 Trichloroethene
 Concen: 10.380 ug/L
 RT: 5.905 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VV029266.D
 Acq: 22 Nov 2022 16:40

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 95 Resp: 258905

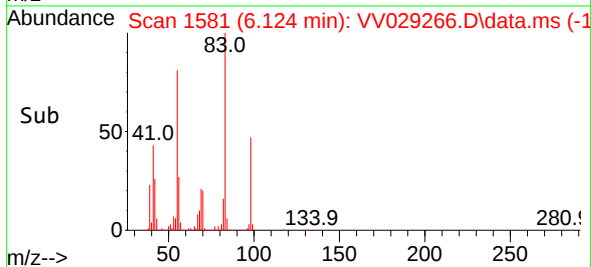
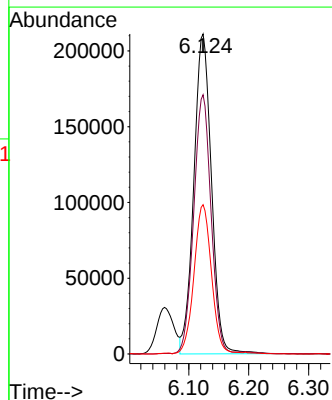
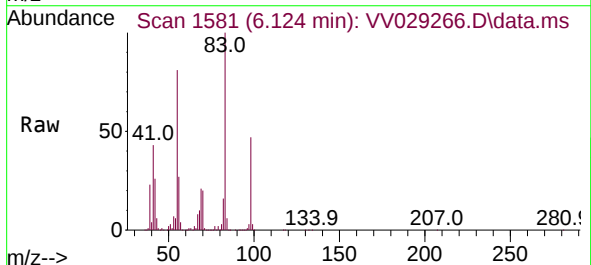
Ion	Ratio	Lower	Upper
95	100		
97	63.9	46.7	86.7
132	90.1	65.7	122.1
130	95.0	67.7	125.7

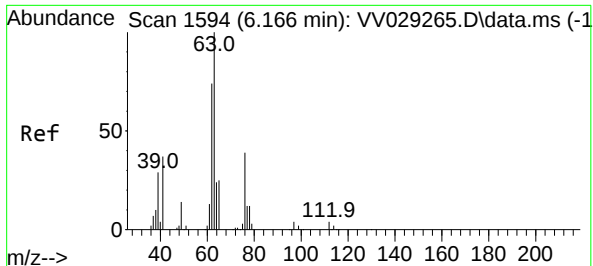


#35
 Methylcyclohexane
 Concen: 10.713 ug/L
 RT: 6.124 min Scan# 1581
 Delta R.T. 0.000 min
 Lab File: VV029266.D
 Acq: 22 Nov 2022 16:40

Tgt Ion: 83 Resp: 431920

Ion	Ratio	Lower	Upper
83	100		
55	80.0	65.7	98.5
98	46.4	37.7	56.5





#37

1,2-Dichloropropane

Concen: 10.734 ug/L

RT: 6.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV029266.D

Acq: 22 Nov 2022 16:40

Instrument :

MSVOA_V

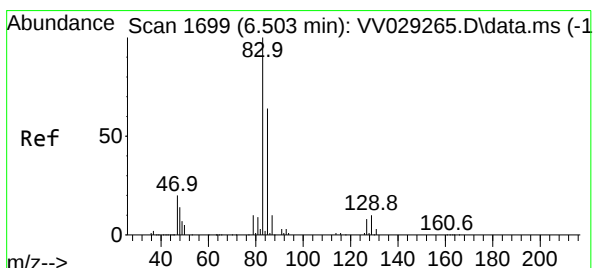
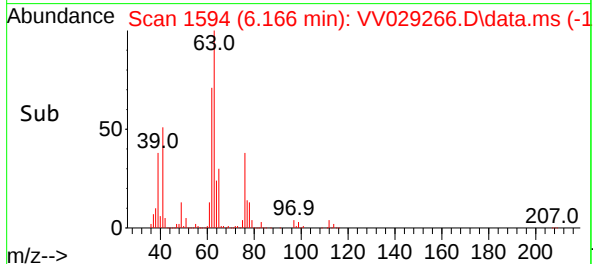
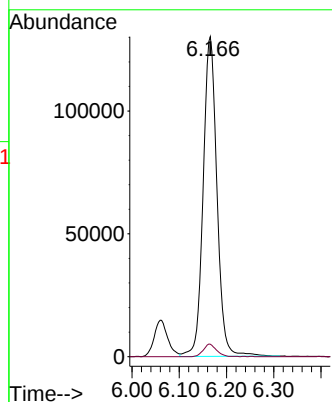
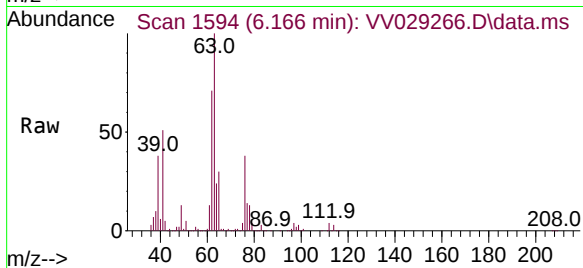
ClientSampleId :

Tgt Ion: 63 Resp: 263819

Ion Ratio Lower Upper

63 100

112 3.8 3.2 4.8



#38

Bromodichloromethane

Concen: 10.580 ug/L

RT: 6.500 min Scan# 1698

Delta R.T. -0.003 min

Lab File: VV029266.D

Acq: 22 Nov 2022 16:40

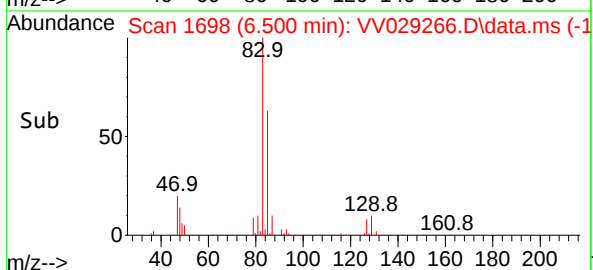
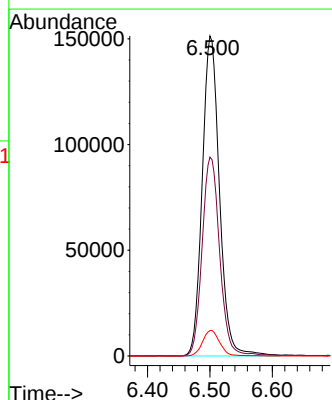
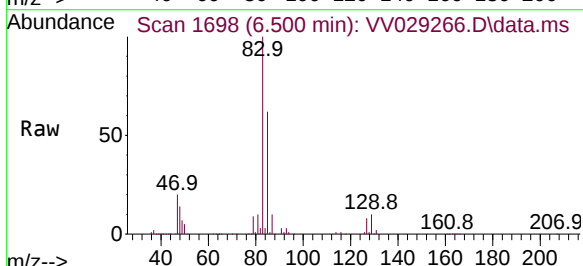
Tgt Ion: 83 Resp: 290957

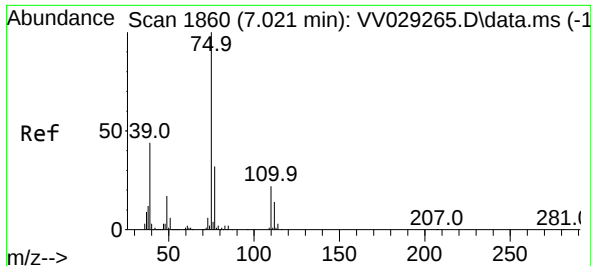
Ion Ratio Lower Upper

83 100

85 62.2 45.1 83.7

127 8.0 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 10.885 ug/L

RT: 7.018 min Scan# 1859

Delta R.T. -0.003 min

Lab File: VV029266.D

Acq: 22 Nov 2022 16:40

Instrument :

MSVOA_V

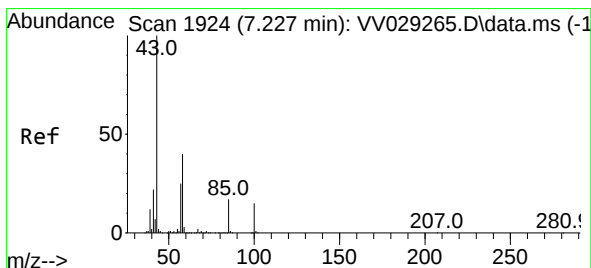
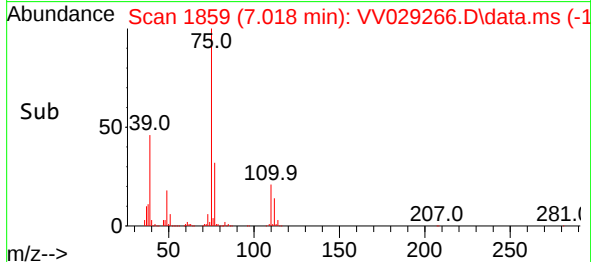
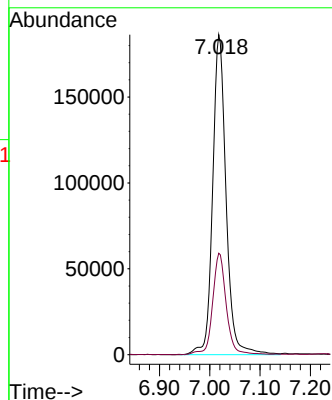
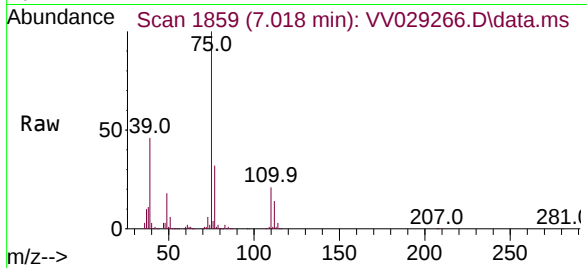
ClientSampleId :

Tgt Ion: 75 Resp: 346326

Ion Ratio Lower Upper

75 100

77 31.7 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 108.281 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.006 min

Lab File: VV029266.D

Acq: 22 Nov 2022 16:40

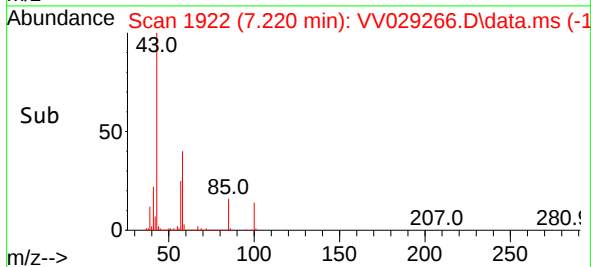
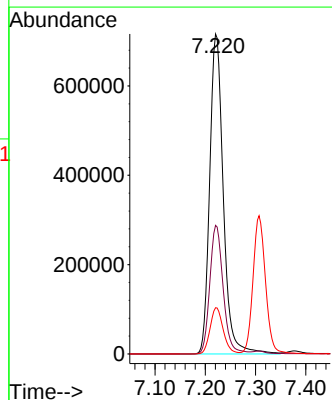
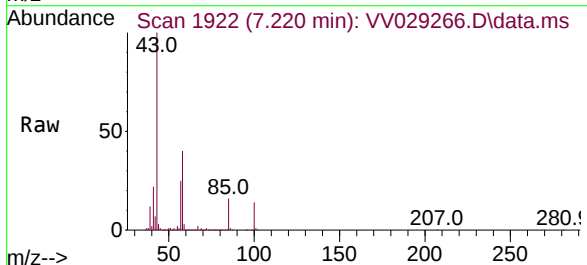
Tgt Ion: 43 Resp: 1343619

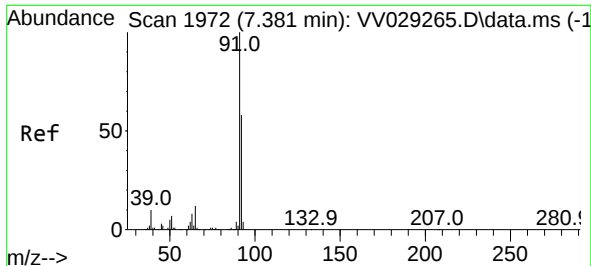
Ion Ratio Lower Upper

43 100

58 39.5 31.8 47.8

100 14.0 11.0 16.6





#42

Toluene

Concen: 10.487 ug/L

RT: 7.378 min Scan# 1971

Delta R.T. -0.003 min

Lab File: VV029266.D

Acq: 22 Nov 2022 16:40

Instrument :

MSVOA_V

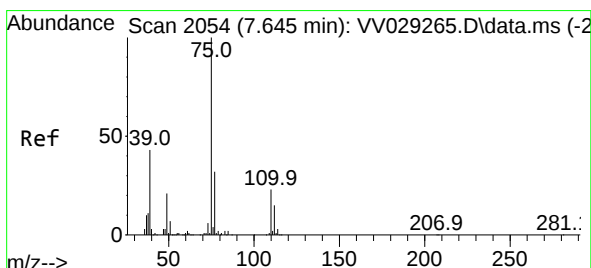
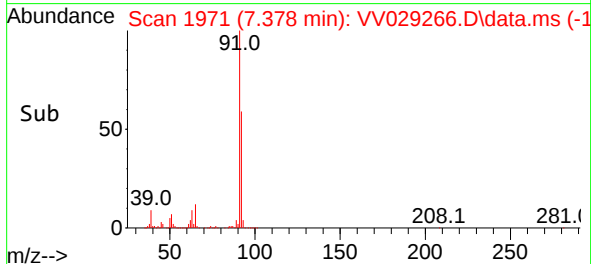
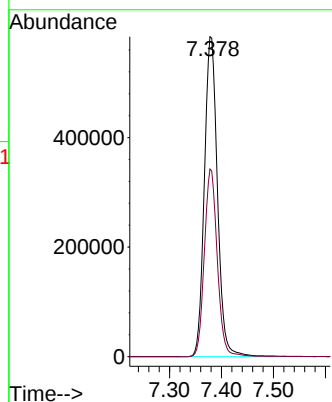
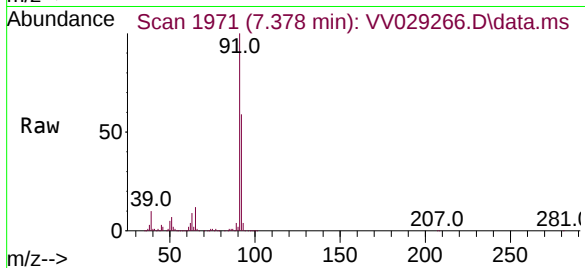
ClientSampleId :

Tgt Ion: 91 Resp: 1021973

Ion Ratio Lower Upper

91 100

92 58.6 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 10.928 ug/L

RT: 7.641 min Scan# 2053

Delta R.T. -0.003 min

Lab File: VV029266.D

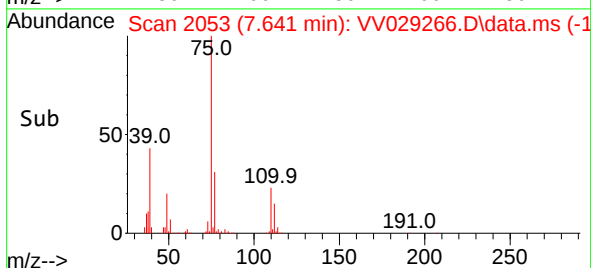
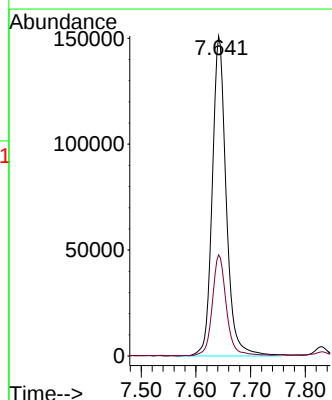
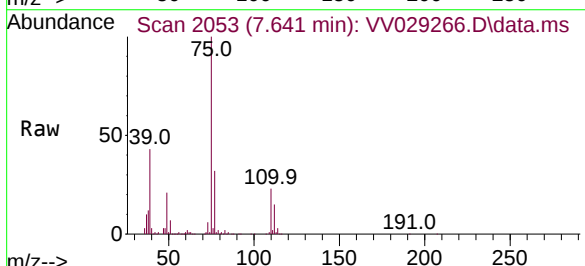
Acq: 22 Nov 2022 16:40

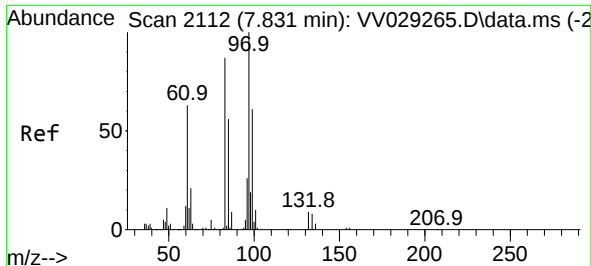
Tgt Ion: 75 Resp: 267852

Ion Ratio Lower Upper

75 100

77 31.6 22.4 41.6

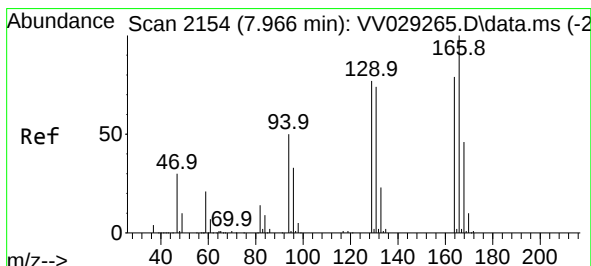
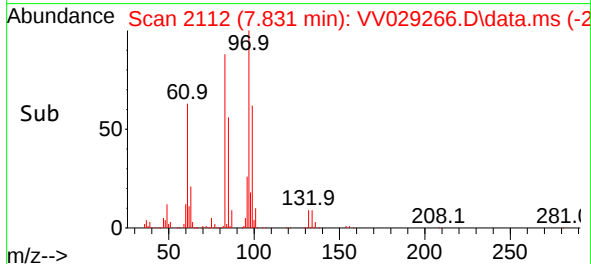
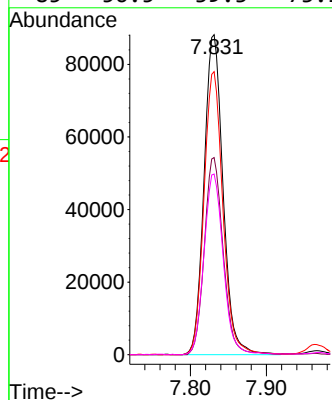
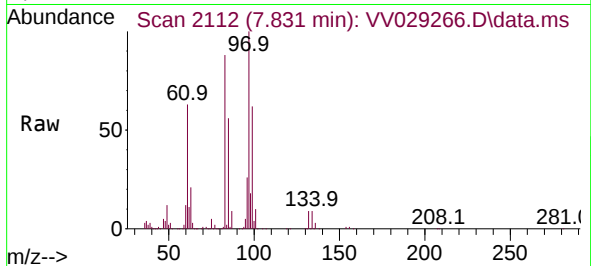




#45
1,1,2-Trichloroethane
Concen: 10.487 ug/L
RT: 7.831 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VV029266.D
Acq: 22 Nov 2022 16:40

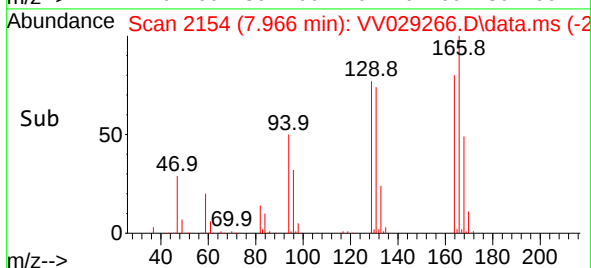
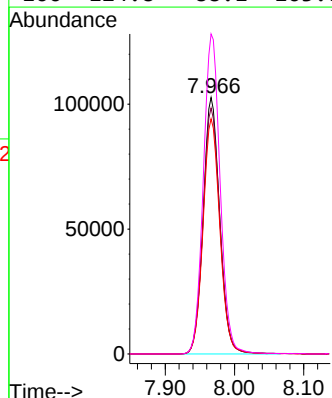
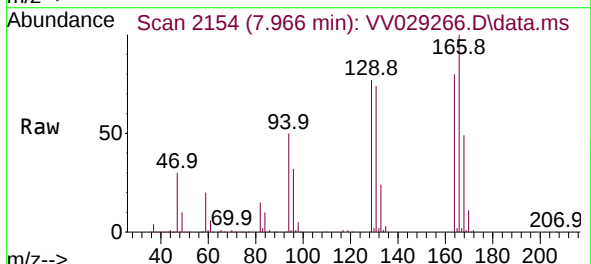
Instrument :
MSVOA_V
ClientSampleId :

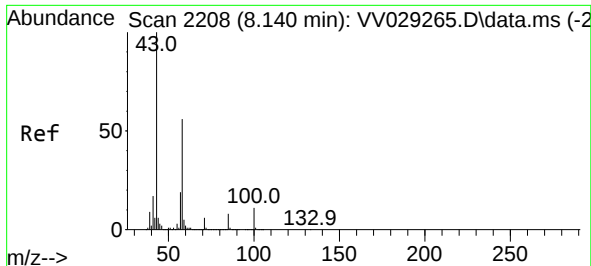
Tgt Ion: 97	Resp: 152945
Ion Ratio	Lower Upper
97 100	
99 61.6	42.8 79.6
83 88.5	61.4 114.0
85 56.5	39.3 73.1



#47
Tetrachloroethene
Concen: 10.447 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VV029266.D
Acq: 22 Nov 2022 16:40

Tgt	Ion:164	Resp:	171127
Ion	Ratio	Lower	Upper
164	100		
129	95.9	68.3	126.8
131	91.7	65.2	121.0
166	124.8	88.1	163.7

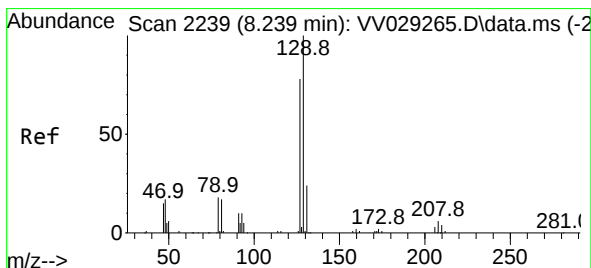
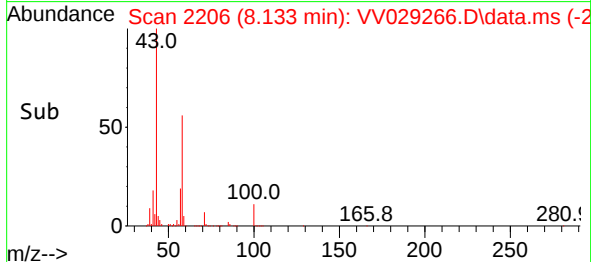
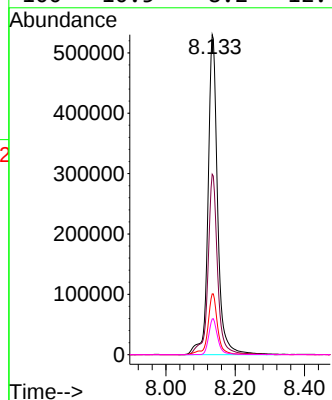
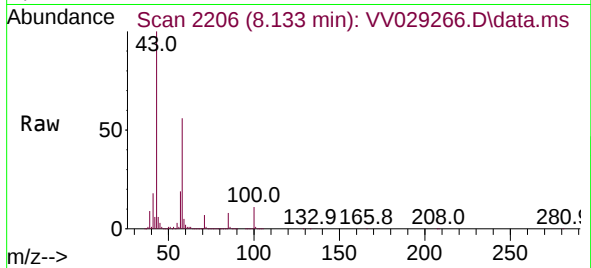




#48
2-Hexanone
Concen: 106.014 ug/L
RT: 8.133 min Scan# 211
Delta R.T. -0.006 min
Lab File: VV029266.D
Acq: 22 Nov 2022 16:40

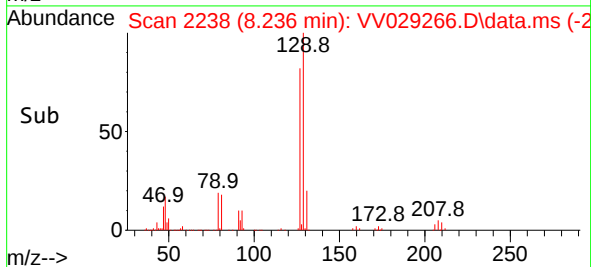
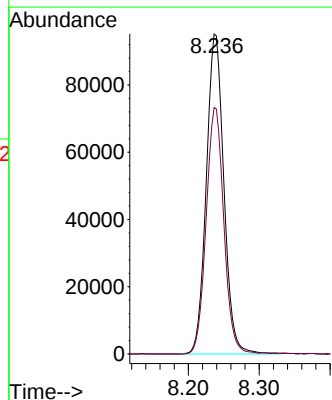
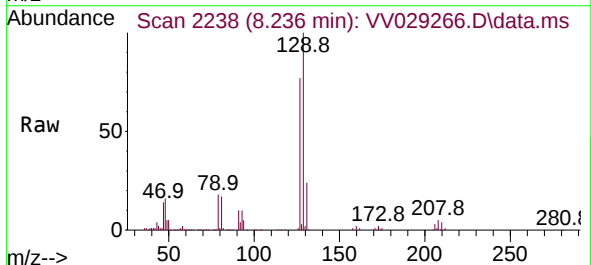
Instrument :
MSVOA_V
ClientSampleId :

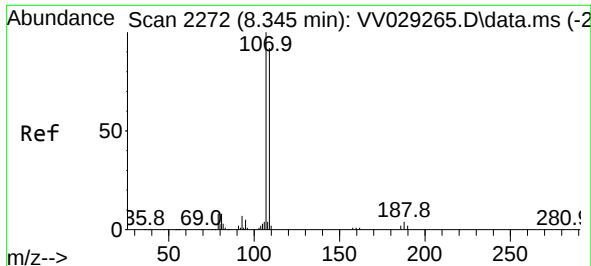
Tgt Ion: 43 Resp: 1011644
Ion Ratio Lower Upper
43 100
58 56.6 45.3 67.9
57 19.2 15.4 23.2
100 10.5 8.2 12.4



#49
Dibromochloromethane
Concen: 10.745 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. -0.003 min
Lab File: VV029266.D
Acq: 22 Nov 2022 16:40

Tgt Ion:129 Resp: 163780
Ion Ratio Lower Upper
129 100
127 77.0 54.7 101.5





#50

1,2-Dibromoethane

Concen: 10.684 ug/L

RT: 8.342 min Scan# 21

Delta R.T. -0.003 min

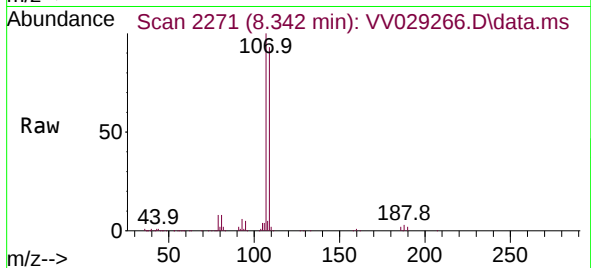
Lab File: VV029266.D

Acq: 22 Nov 2022 16:40

Instrument :

MSVOA_V

ClientSampleId :



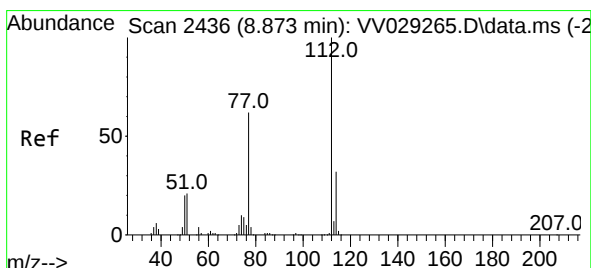
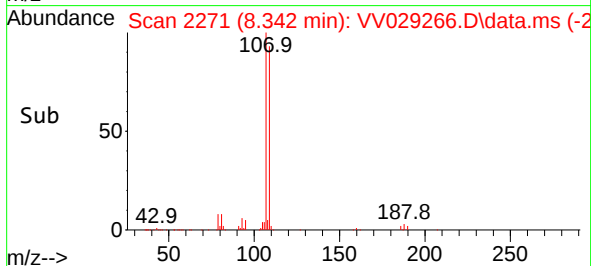
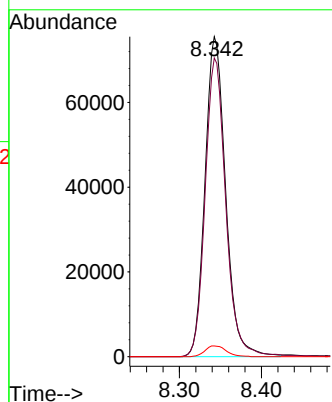
Tgt Ion:107 Resp: 131837

Ion Ratio Lower Upper

107 100

109 93.4 64.3 119.3

188 3.4 3.0 4.6



#51

Chlorobenzene

Concen: 10.426 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. 0.000 min

Lab File: VV029266.D

Acq: 22 Nov 2022 16:40

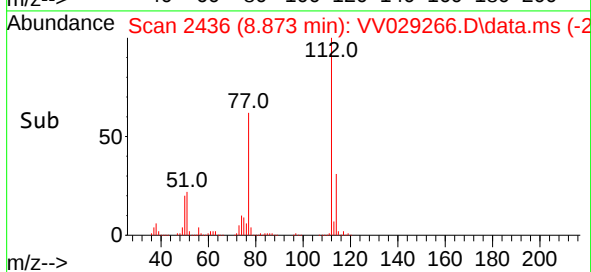
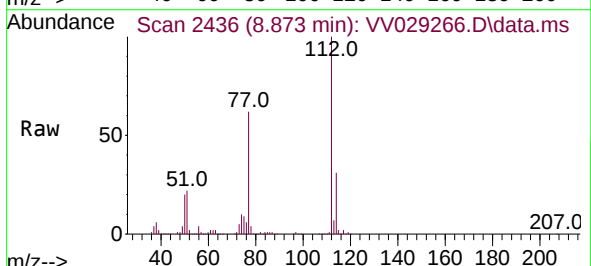
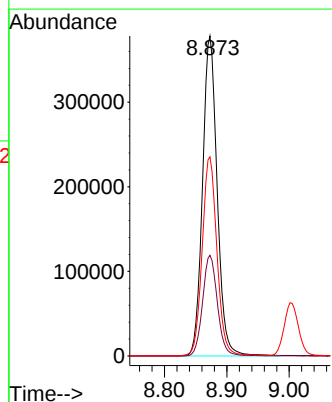
Tgt Ion:112 Resp: 617398

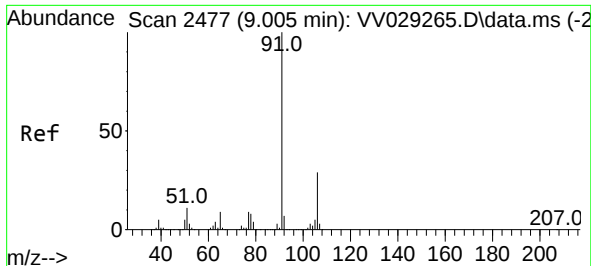
Ion Ratio Lower Upper

112 100

114 31.5 22.3 41.3

77 62.2 49.8 74.6

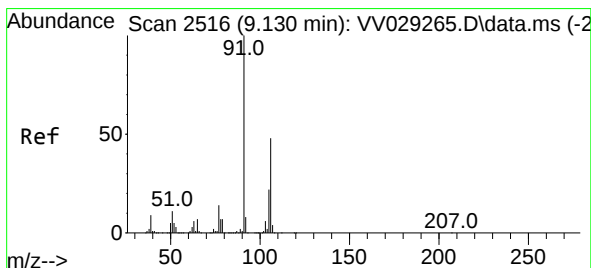
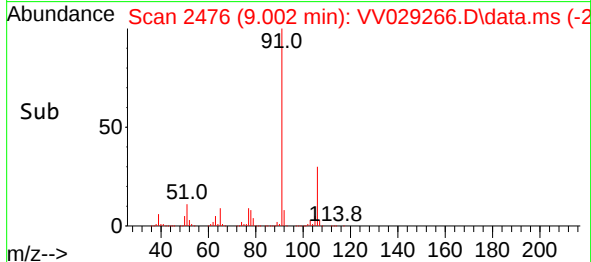
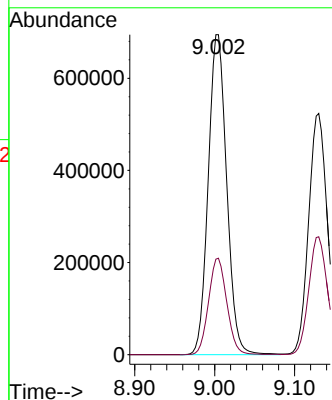
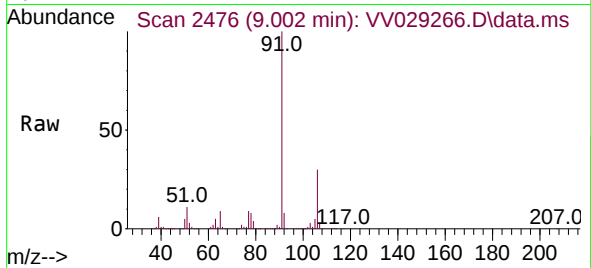




#52
Ethylbenzene
Concen: 10.628 ug/L
RT: 9.002 min Scan# 2477
Delta R.T. -0.003 min
Lab File: VV029266.D
Acq: 22 Nov 2022 16:40

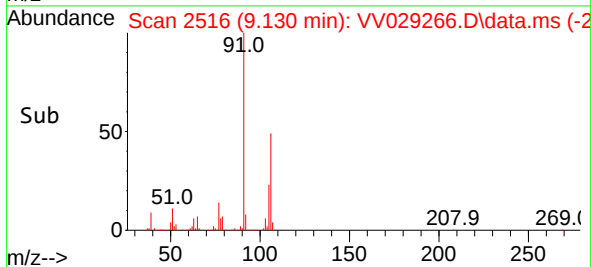
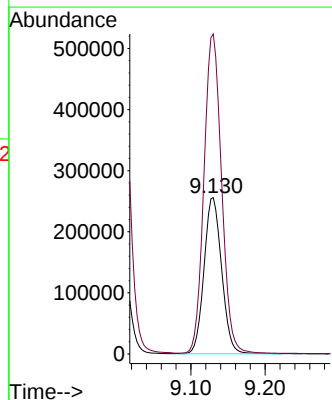
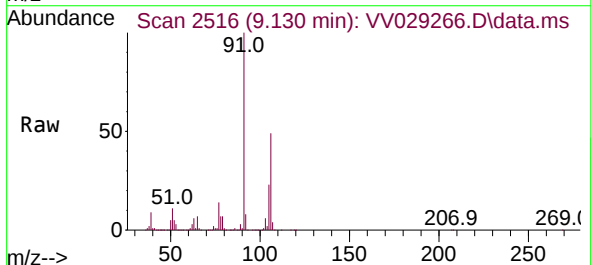
Instrument :
MSVOA_V
ClientSampleId :

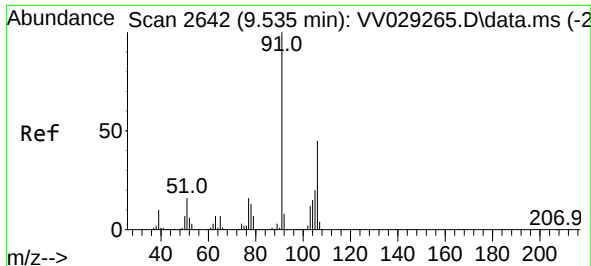
Tgt Ion: 91 Resp: 1114605
Ion Ratio Lower Upper
91 100
106 29.9 20.6 38.4



#53
m,p-Xylene
Concen: 10.785 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. 0.000 min
Lab File: VV029266.D
Acq: 22 Nov 2022 16:40

Tgt Ion:106 Resp: 419882
Ion Ratio Lower Upper
106 100
91 204.7 147.3 273.6

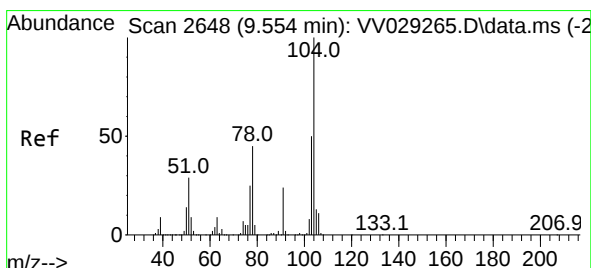
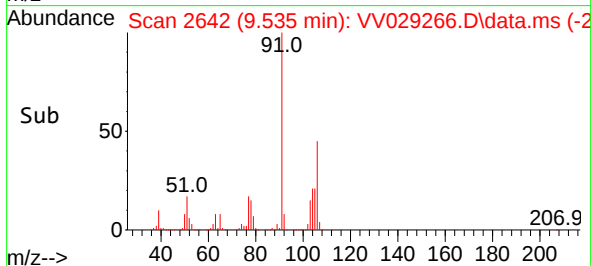
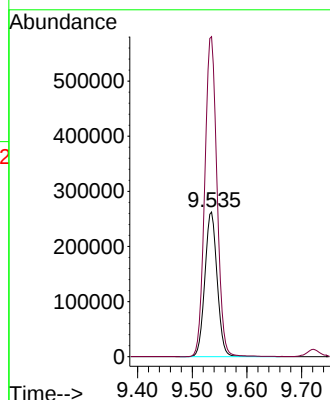
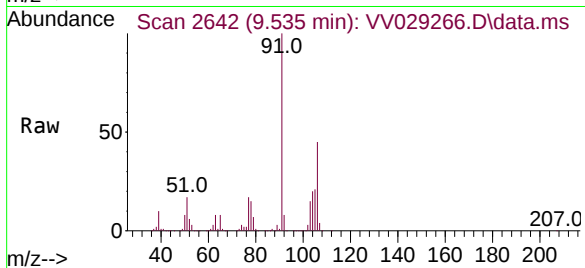




#54
o-Xylene
Concen: 10.749 ug/L
RT: 9.535 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV029266.D
Acq: 22 Nov 2022 16:40

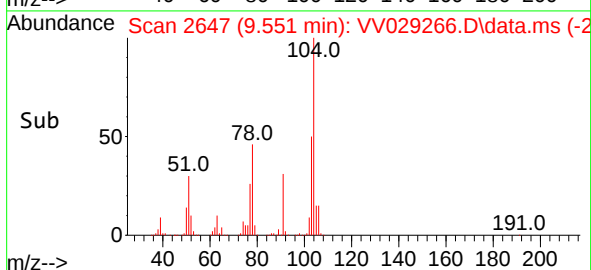
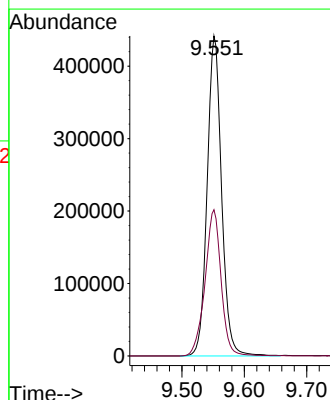
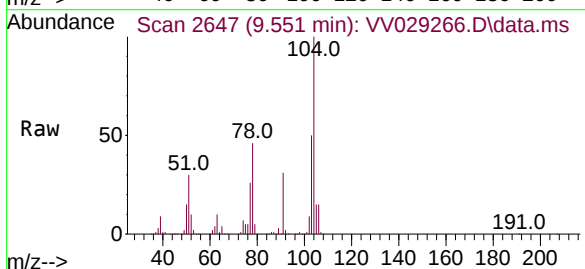
Instrument :
MSVOA_V
ClientSampleId :

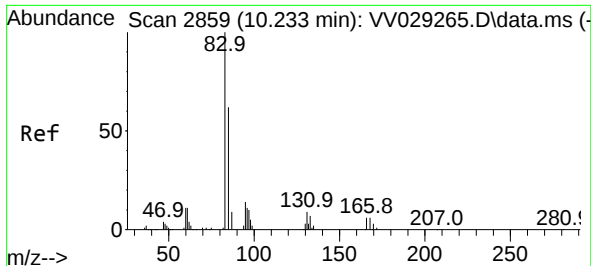
Tgt Ion:106 Resp: 409505
Ion Ratio Lower Upper
106 100
91 221.3 154.6 287.2



#55
Styrene
Concen: 10.902 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.003 min
Lab File: VV029266.D
Acq: 22 Nov 2022 16:40

Tgt Ion:104 Resp: 710248
Ion Ratio Lower Upper
104 100
78 45.7 31.9 59.2





#57

1,1,2,2-Tetrachloroethane

Concen: 10.753 ug/L

RT: 10.233 min Scan# 2859

Delta R.T. 0.000 min

Lab File: VV029266.D

Acq: 22 Nov 2022 16:40

Instrument :

MSVOA_V

ClientSampleId :

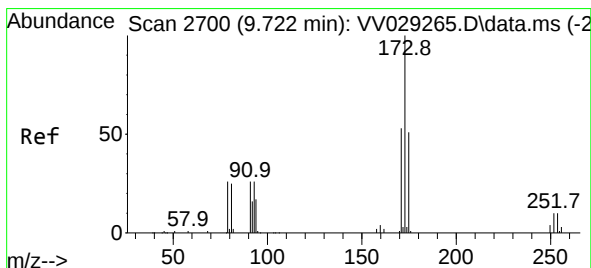
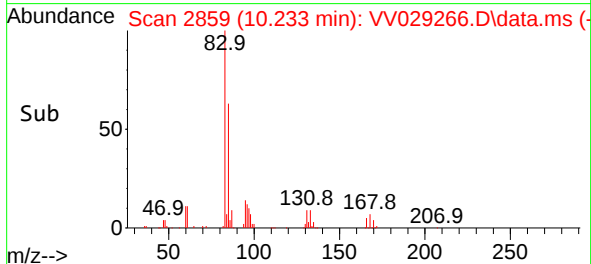
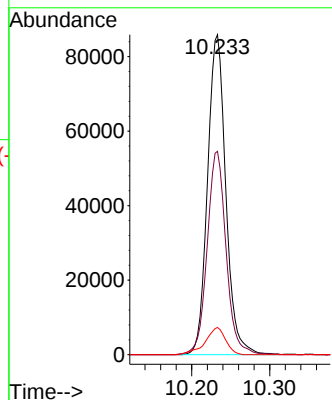
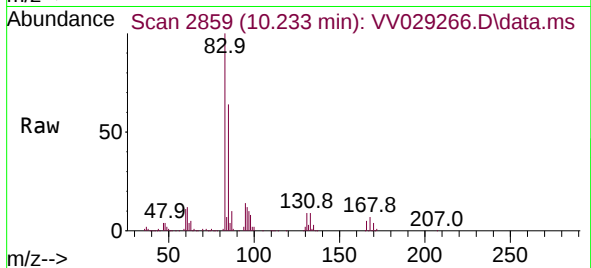
Tgt Ion: 83 Resp: 140138

Ion Ratio Lower Upper

83 100

85 63.6 43.9 81.5

131 8.5 6.9 10.3



#59

Bromoform

Concen: 10.720 ug/L

RT: 9.722 min Scan# 2700

Delta R.T. 0.000 min

Lab File: VV029266.D

Acq: 22 Nov 2022 16:40

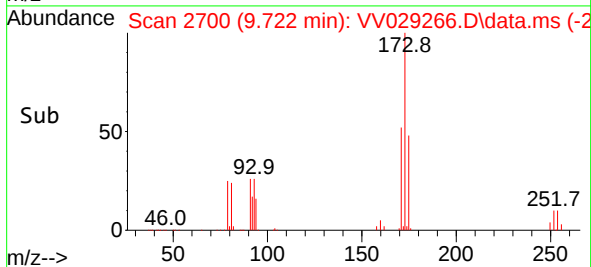
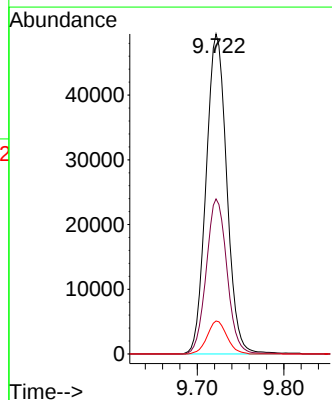
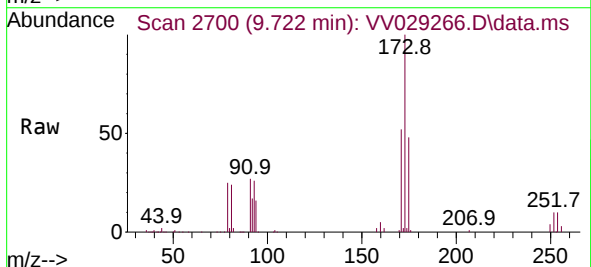
Tgt Ion: 173 Resp: 81979

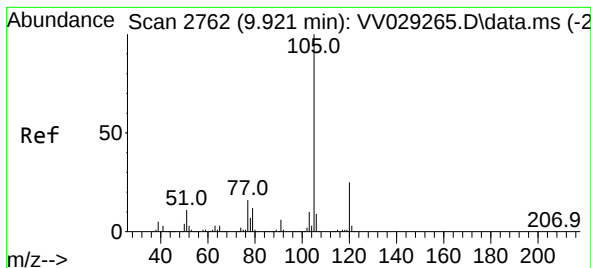
Ion Ratio Lower Upper

173 100

175 48.6 39.4 59.2

254 9.8 8.2 12.2





#60

Isopropylbenzene

Concen: 10.506 ug/L

RT: 9.921 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV029266.D

Acq: 22 Nov 2022 16:40

Instrument :

MSVOA_V

ClientSampleId :

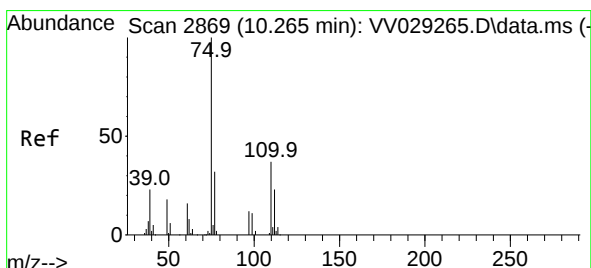
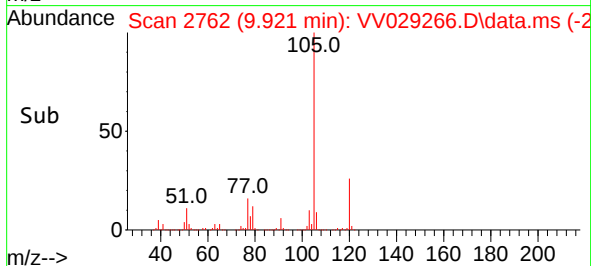
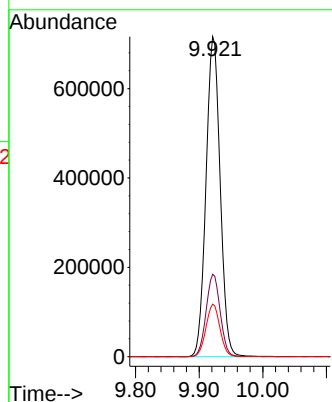
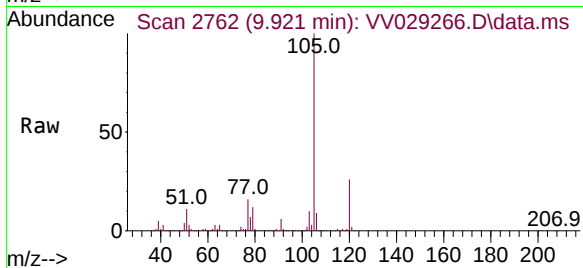
Tgt Ion:105 Resp: 1104624

Ion Ratio Lower Upper

105 100

120 25.6 20.3 30.5

77 16.2 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 10.348 ug/L

RT: 10.262 min Scan# 2868

Delta R.T. -0.003 min

Lab File: VV029266.D

Acq: 22 Nov 2022 16:40

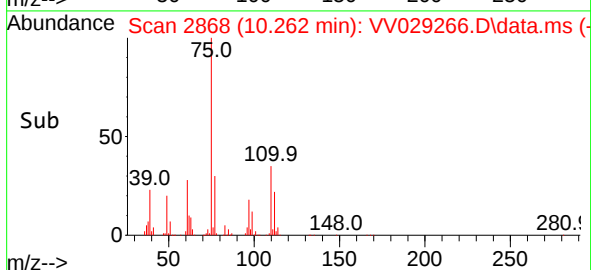
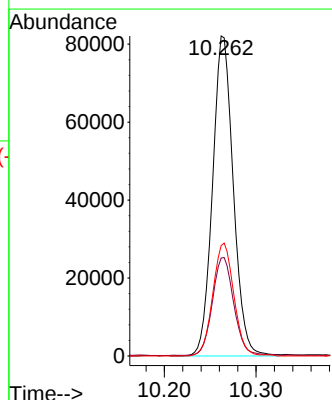
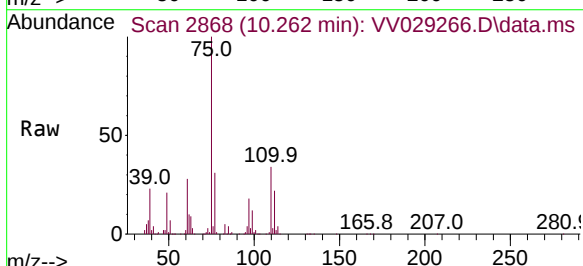
Tgt Ion: 75 Resp: 129078

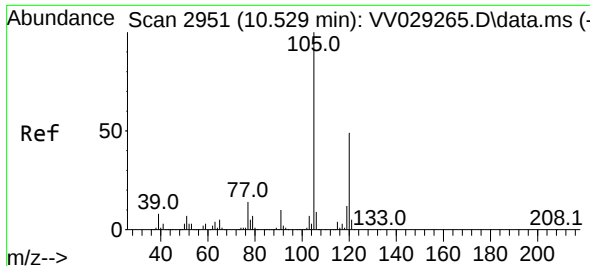
Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

110 35.8 29.6 44.4

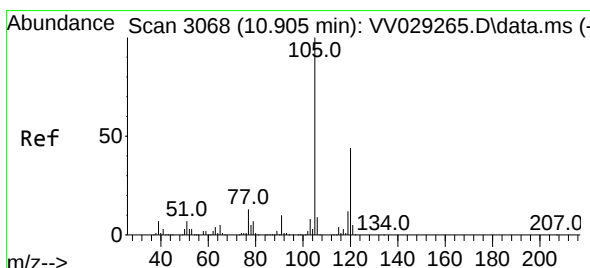
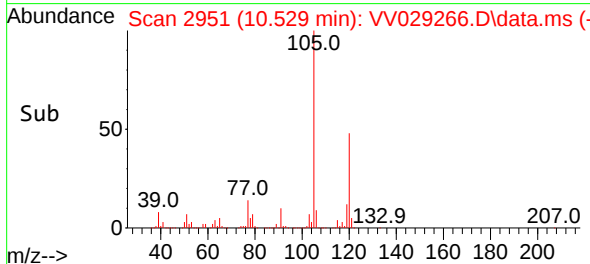
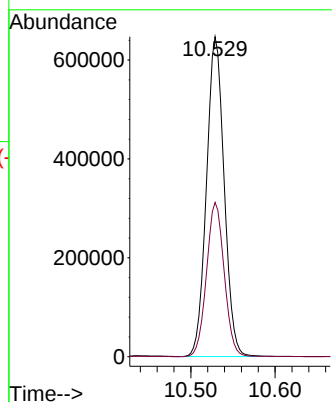
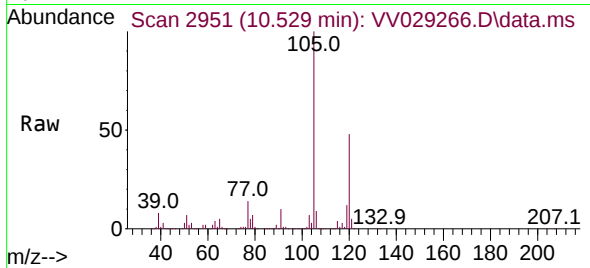




#62
 1,3,5-Trimethylbenzene
 Concen: 10.584 ug/L
 RT: 10.529 min Scan# 2951
 Delta R.T. 0.000 min
 Lab File: VV029266.D
 Acq: 22 Nov 2022 16:40

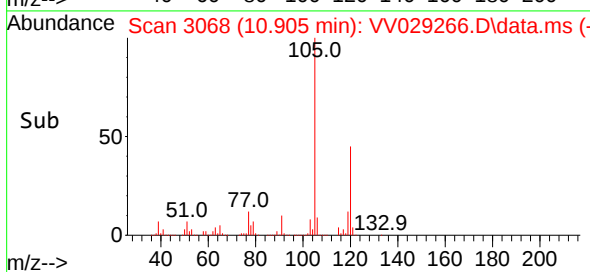
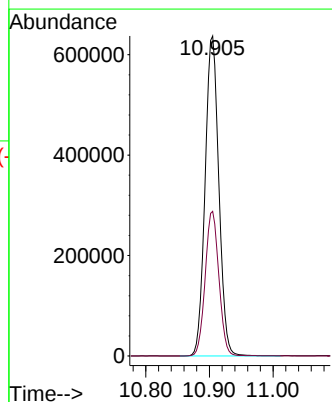
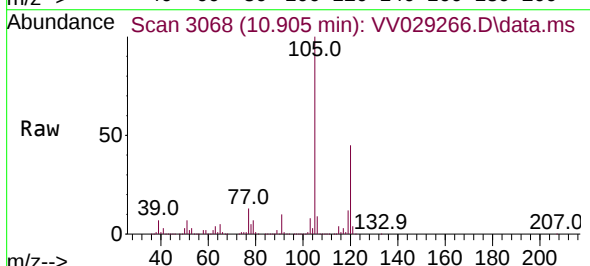
Instrument :
 MSVOA_V
 ClientSampleId :

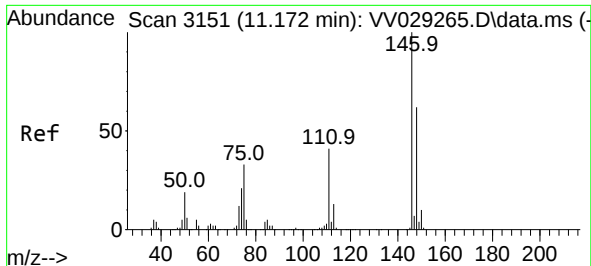
Tgt Ion:105 Resp: 944971
 Ion Ratio Lower Upper
 105 100
 120 48.4 39.0 58.4



#63
 1,2,4-Trimethylbenzene
 Concen: 10.749 ug/L
 RT: 10.905 min Scan# 3068
 Delta R.T. 0.000 min
 Lab File: VV029266.D
 Acq: 22 Nov 2022 16:40

Tgt Ion:105 Resp: 954587
 Ion Ratio Lower Upper
 105 100
 120 45.1 35.6 53.4

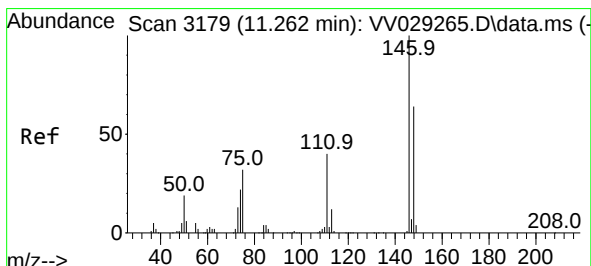
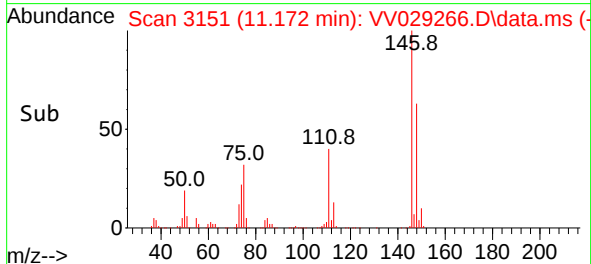
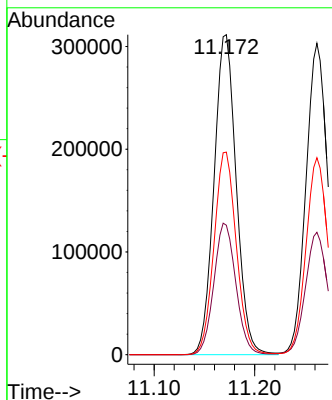
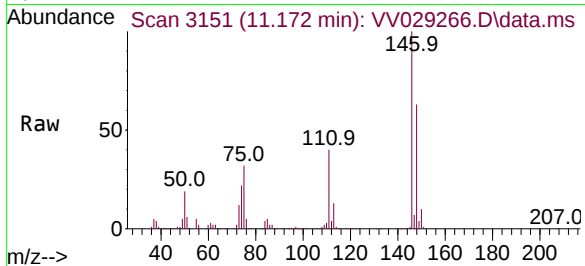




#64
1,3-Dichlorobenzene
Concen: 10.401 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV029266.D
Acq: 22 Nov 2022 16:40

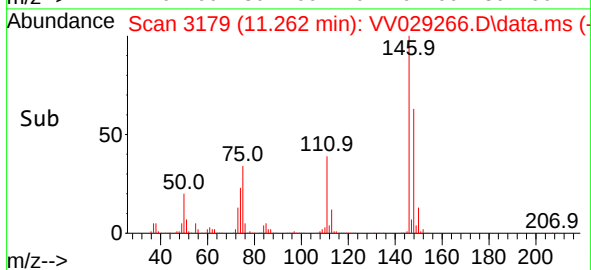
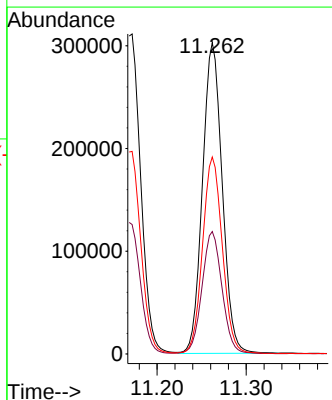
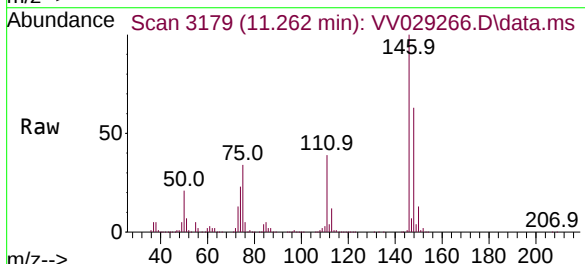
Instrument :
MSVOA_V
ClientSampleId :

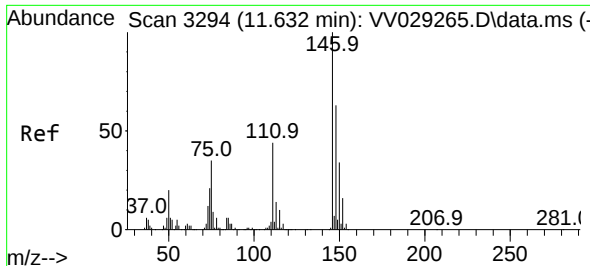
Tgt Ion:146 Resp: 478578
Ion Ratio Lower Upper
146 100
111 40.5 28.6 53.0
148 63.3 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 10.309 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VV029266.D
Acq: 22 Nov 2022 16:40

Tgt Ion:146 Resp: 464615
Ion Ratio Lower Upper
146 100
111 39.3 28.5 52.9
148 63.3 44.9 83.5

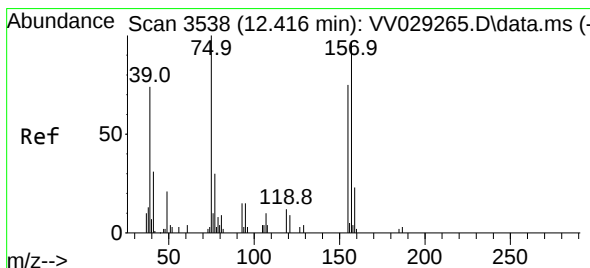
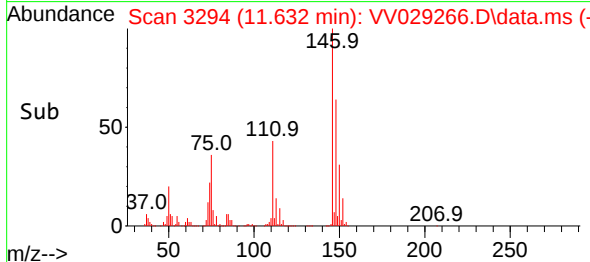
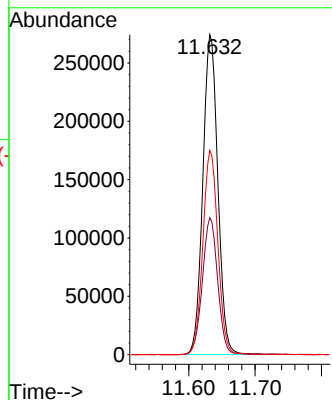
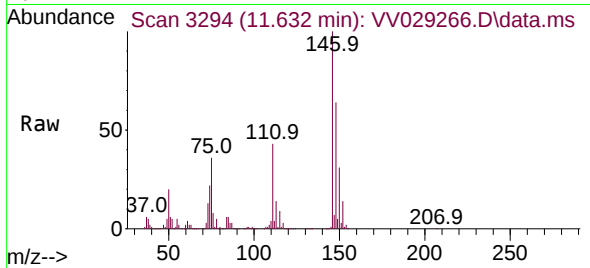




#67
1,2-Dichlorobenzene
Concen: 10.341 ug/L
RT: 11.632 min Scan# 3294
Delta R.T. 0.000 min
Lab File: VV029266.D
Acq: 22 Nov 2022 16:40

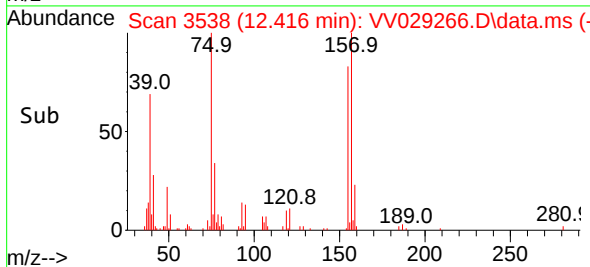
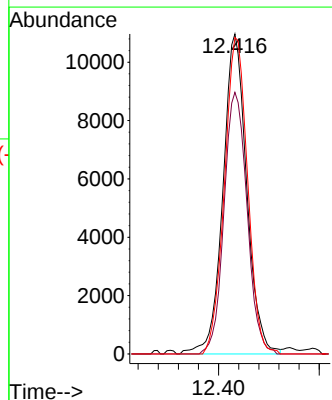
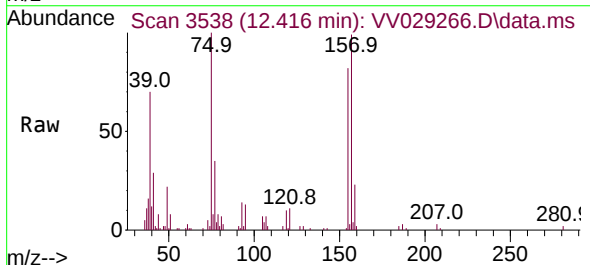
Instrument :
MSVOA_V
ClientSampleId :

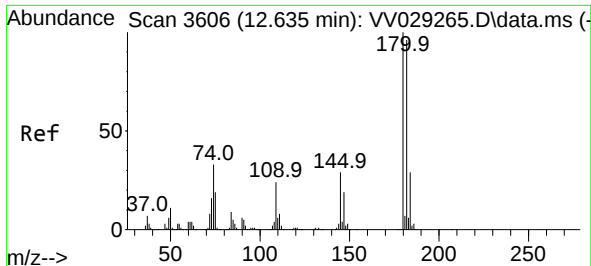
Tgt Ion:146 Resp: 431018
Ion Ratio Lower Upper
146 100
111 42.8 35.6 53.4
148 63.8 50.2 75.2



#68
1,2-Dibromo-3-chloropropane
Concen: 9.597 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. 0.000 min
Lab File: VV029266.D
Acq: 22 Nov 2022 16:40

Tgt Ion: 75 Resp: 17977
Ion Ratio Lower Upper
75 100
155 81.7 58.4 87.6
157 98.9 75.5 113.3





#69

1,3,5-Trichlorobenzene

Concen: 10.341 ug/L

RT: 12.632 min Scan# 3606

Delta R.T. -0.003 min

Lab File: VV029266.D

Acq: 22 Nov 2022 16:40

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 370545

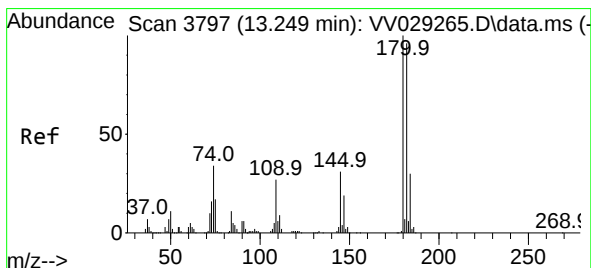
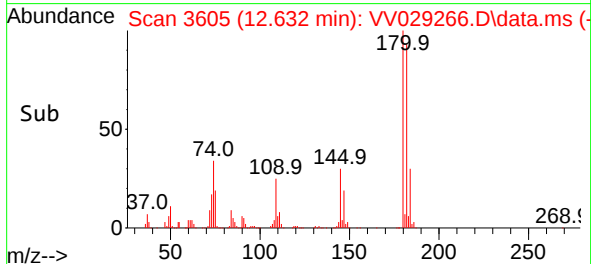
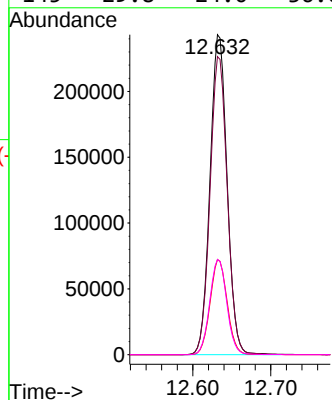
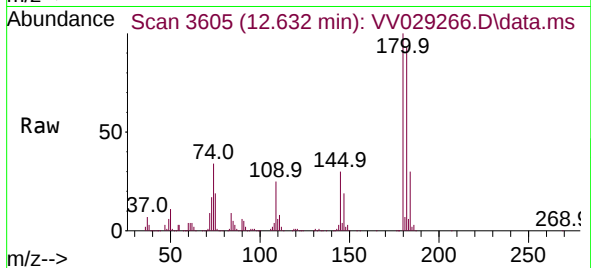
Ion Ratio Lower Upper

180 100

182 94.2 76.9 115.3

184 29.8 23.9 35.9

145 29.8 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 10.218 ug/L

RT: 13.249 min Scan# 3797

Delta R.T. 0.000 min

Lab File: VV029266.D

Acq: 22 Nov 2022 16:40

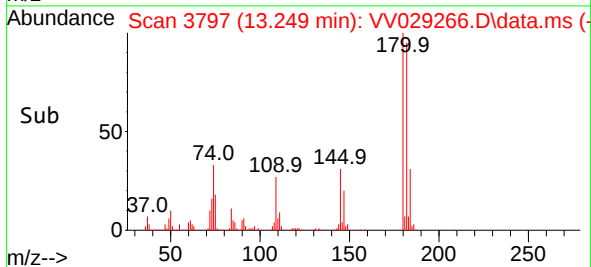
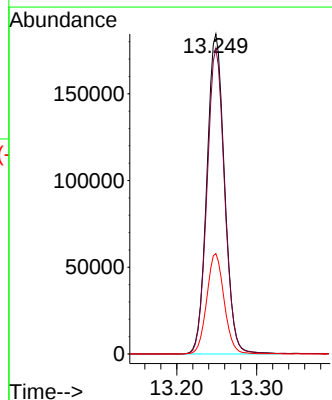
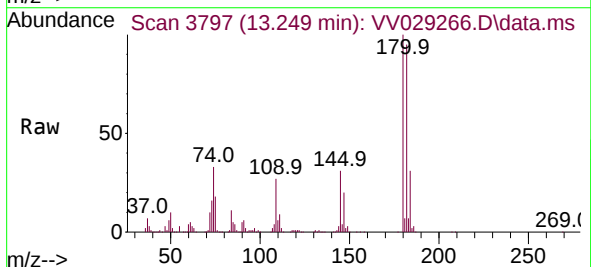
Tgt Ion:180 Resp: 284134

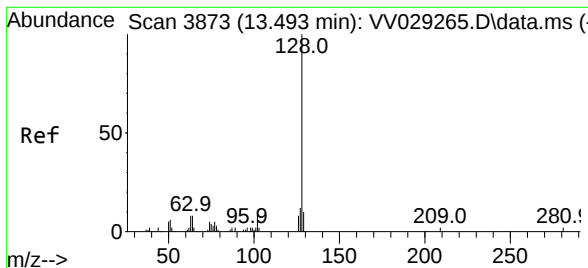
Ion Ratio Lower Upper

180 100

182 95.1 75.4 113.2

145 30.9 25.0 37.6





#71

Naphthalene

Concen: 4.577 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. 0.000 min

Lab File: VV029266.D

Acq: 22 Nov 2022 16:40

Instrument :

MSVOA_V

ClientSampleId :

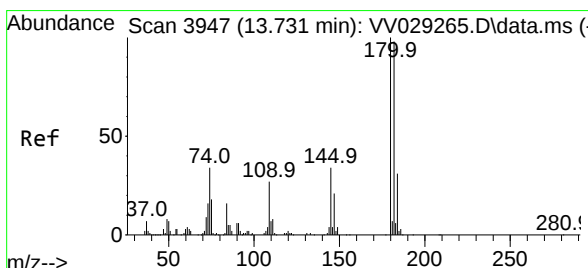
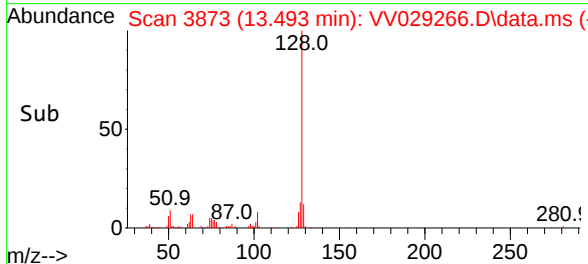
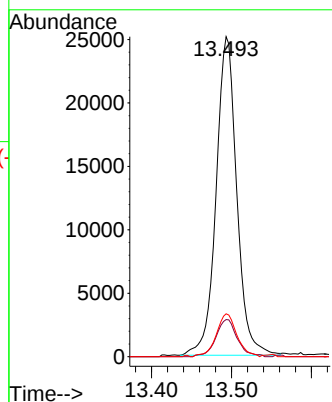
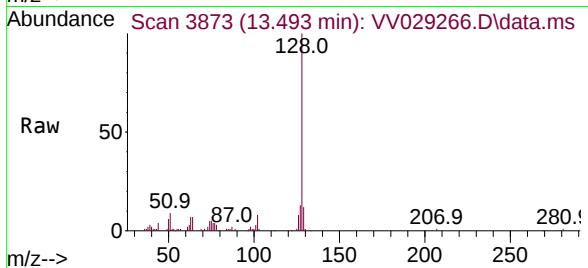
Tgt Ion:128 Resp: 44976

Ion Ratio Lower Upper

128 100

129 12.1 8.4 12.6

127 13.4 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 10.144 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. 0.000 min

Lab File: VV029266.D

Acq: 22 Nov 2022 16:40

Tgt Ion:180 Resp: 227118

Ion Ratio Lower Upper

180 100

182 95.0 76.2 114.2

145 32.3 26.3 39.5

