

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120722\
 Data File : VW029414.D
 Acq On : 07 Dec 2022 13:10
 Operator : SY/MD
 Sample : VSTD20080
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200280

Quant Time: Dec 08 00:33:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 00:30:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	512113	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	452749	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	260361	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	651727	205.982	ug/L	0.00
7) Chloroethane-d5	1.542	69	497252	192.697	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.098	63	1020685	183.625	ug/L	0.00
21) 2-Butanone-d5	3.860	46	823561	321.344	ug/L	0.00
24) Chloroform-d	4.333	84	1211053	183.515	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.021	65	701238	178.705	ug/L	0.00
32) Benzene-d6	5.040	84	2536098	202.070	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.060	67	772808	195.229	ug/L	0.00
41) Toluene-d8	7.307	98	2428756	208.344	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.609	79	412240	210.881	ug/L	0.00
47) 2-Hexanone-d5	8.082	63	678871	399.107	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	1073831	204.039	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.612	152	1017728	193.015	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	859984	241.981	ug/L	100
3) Chloromethane	1.237	50	873731	241.681	ug/L	100
5) Vinyl chloride	1.307	62	839985	239.352	ug/L	99
6) Bromomethane	1.497	94	241536	133.951	ug/L	99
8) Chloroethane	1.561	64	461753	219.452	ug/L	99
9) Trichlorofluoromethane	1.738	101	1028394	208.087	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	581063	209.179	ug/L	99
12) 1,1-Dichloroethene	2.108	96	590620	226.822	ug/L	99
13) Acetone	2.153	43	525301	305.959	ug/L	99
14) Carbon disulfide	2.282	76	1962825	267.361	ug/L	100
15) Methyl Acetate	2.417	43	609973	170.811	ug/L	99
16) Methylene chloride	2.497	84	714458	204.841	ug/L	97
17) trans-1,2-Dichloroethene	2.748	96	686971	224.897	ug/L	99
18) Methyl tert-butyl Ether	2.761	73	2103259	200.745	ug/L	100
19) 1,1-Dichloroethane	3.179	63	1145516	197.387	ug/L	99
20) cis-1,2-Dichloroethene	3.896	96	763706	214.234	ug/L	98
22) 2-Butanone	3.944	43	889759	356.754	ug/L	96
23) Bromochloromethane	4.233	128	383591	201.423	ug/L	98
25) Chloroform	4.362	83	1193937	195.483	ug/L	99
27) 1,2-Dichloroethane	5.117	62	851268	198.409	ug/L	99
29) Cyclohexane	4.667	56	1097605	238.127	ug/L	99
30) 1,1,1-Trichloroethane	4.597	97	1075694	212.617	ug/L	99
31) Carbon tetrachloride	4.818	117	949177	216.335	ug/L	100
33) Benzene	5.089	78	2817929	229.808	ug/L	100
34) Trichloroethene	5.902	95	716761	210.088	ug/L	99
35) Methylcyclohexane	6.124	83	1247940	256.799	ug/L	99
37) 1,2-Dichloropropane	6.162	63	679751	210.797	ug/L	100
38) Bromodichloromethane	6.500	83	931737	212.445	ug/L	100
39) cis-1,3-Dichloropropene	7.018	75	1162031	227.614	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	1662699	369.870	ug/L	99
42) Toluene	7.378	91	3044176	229.933	ug/L	98
44) trans-1,3-Dichloropropene	7.641	75	1104588	226.620	ug/L	100

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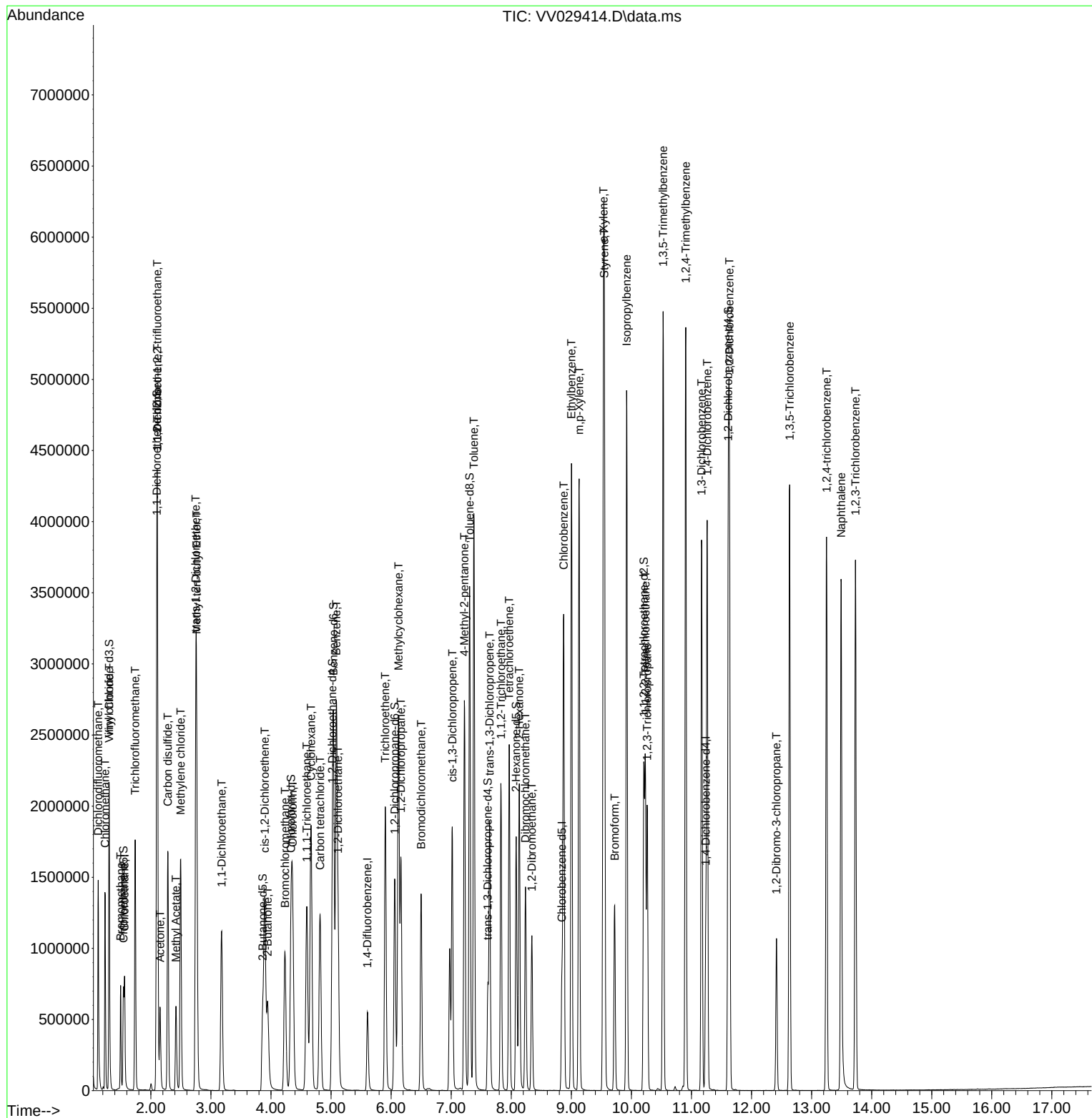
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.828	97	684658	209.253	ug/L	99
46) Tetrachloroethene	7.966	164	558492	217.555	ug/L	99
48) 2-Hexanone	8.133	43	1235892	357.325	ug/L	99
49) Dibromochloromethane	8.236	129	751363	202.596	ug/L	98
50) 1,2-Dibromoethane	8.342	107	704271	203.740	ug/L	100
51) Chlorobenzene	8.873	112	1876587	214.022	ug/L	100
52) Ethylbenzene	9.002	91	3144564	219.506	ug/L	99
53) m,p-Xylene	9.130	106	1257181	224.755	ug/L	100
54) o-Xylene	9.535	106	1227075	219.405	ug/L	99
55) Styrene	9.551	104	2159883	228.964	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.233	83	1094195	221.234	ug/L	99
59) Bromoform	9.722	173	599718	201.506	ug/L	99
60) Isopropylbenzene	9.921	105	3202456	199.663	ug/L	99
61) 1,2,3-Trichloropropane	10.262	75	820478	181.907	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	2891785	211.698	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	2896471	208.977	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	1610309	208.598	ug/L	100
65) 1,4-Dichlorobenzene	11.262	146	1630512	209.843	ug/L	100
67) 1,2-Dichlorobenzene	11.632	146	1628615	206.722	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.416	75	259400	213.811	ug/L	95
69) 1,3,5-Trichlorobenzene	12.635	180	1348164	231.654	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	1215120	245.818	ug/L	100
71) Naphthalene	13.493	128	3094125	229.333	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	1161231	236.975	ug/L	100

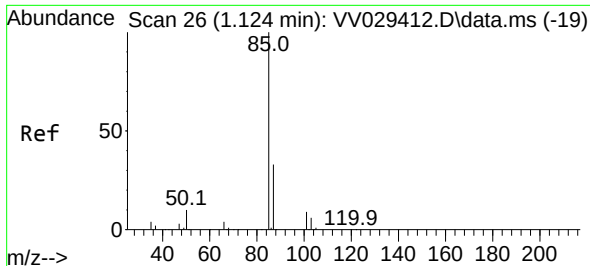
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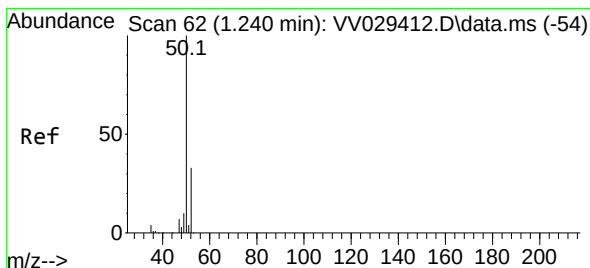
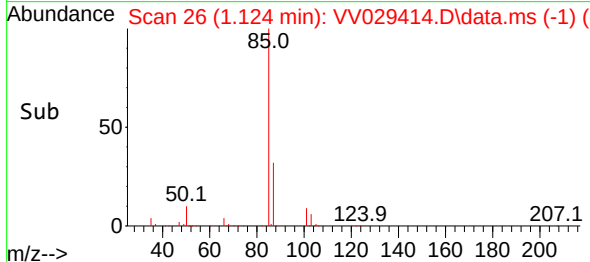
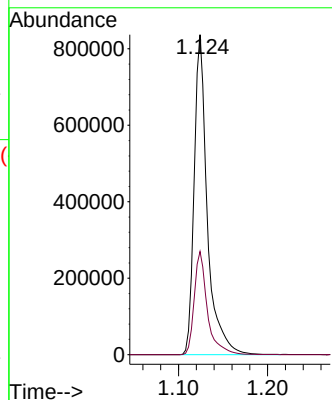
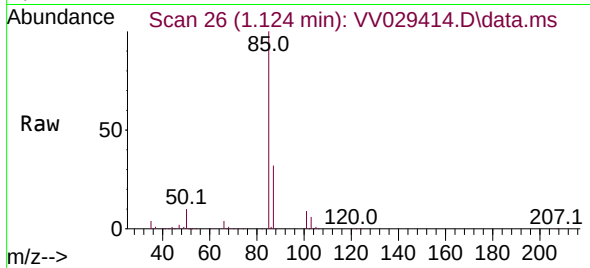




#2
 Dichlorodifluoromethane
 Concen: 241.981 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV029414.D
 Acq: 07 Dec 2022 13:10

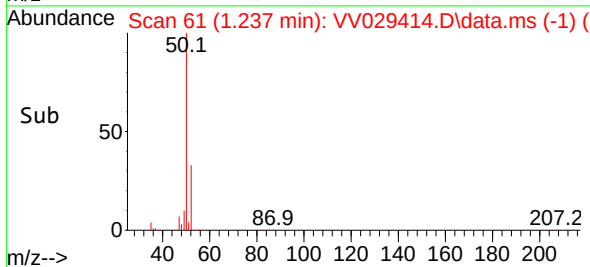
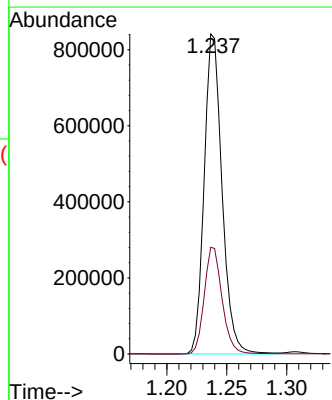
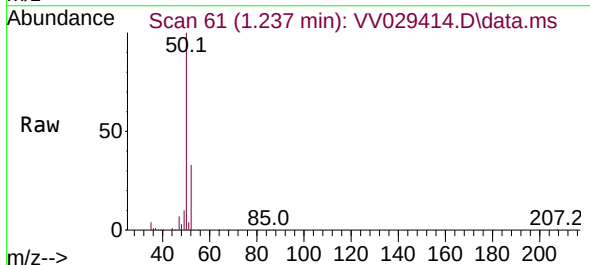
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200280

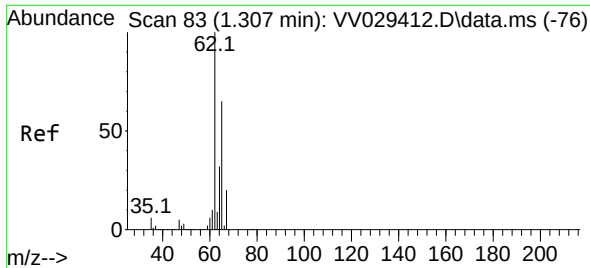
Tgt Ion: 85 Resp: 859984
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.9 38.9



#3
 Chloromethane
 Concen: 241.681 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV029414.D
 Acq: 07 Dec 2022 13:10

Tgt Ion: 50 Resp: 873731
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.3 43.3

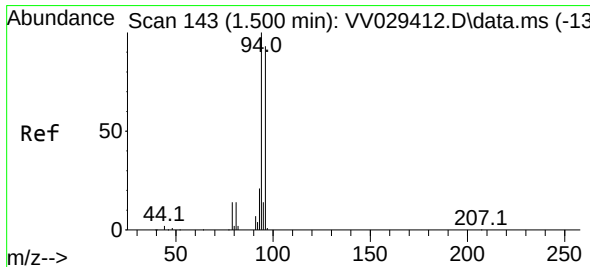
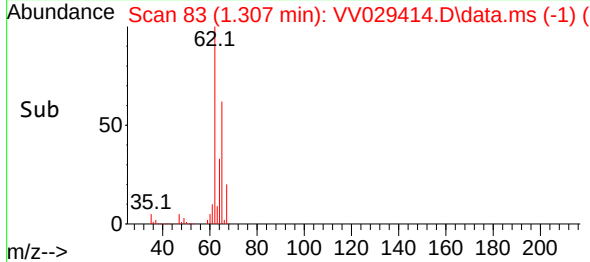
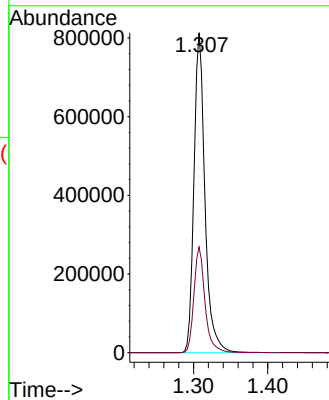
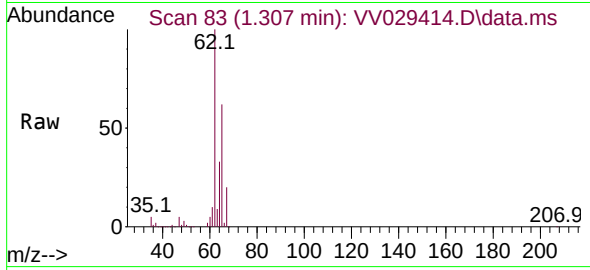




#5
 Vinyl chloride
 Concen: 239.352 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV029414.D
 Acq: 07 Dec 2022 13:10

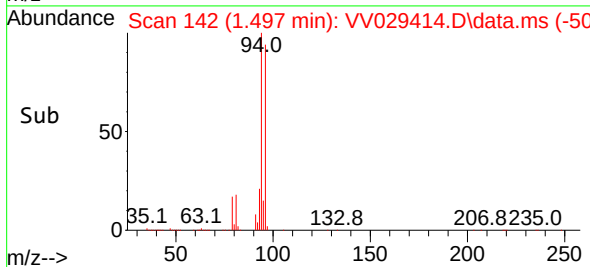
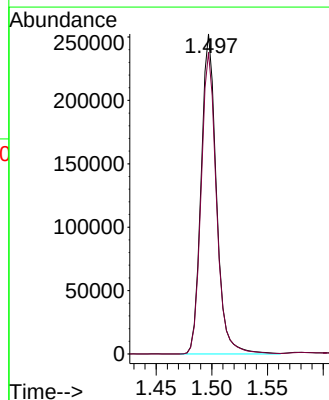
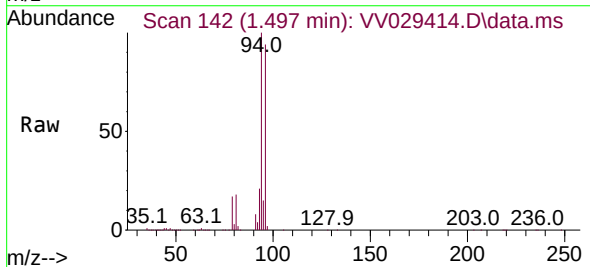
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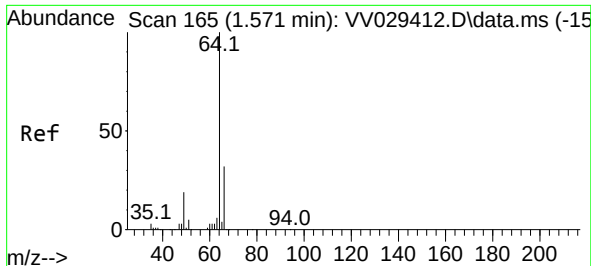
Tgt Ion: 62 Resp: 839985
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.5 41.9



#6
 Bromomethane
 Concen: 133.951 ug/L
 RT: 1.497 min Scan# 142
 Delta R.T. -0.003 min
 Lab File: VV029414.D
 Acq: 07 Dec 2022 13:10

Tgt Ion: 94 Resp: 241536
 Ion Ratio Lower Upper
 94 100
 96 94.2 65.1 120.9

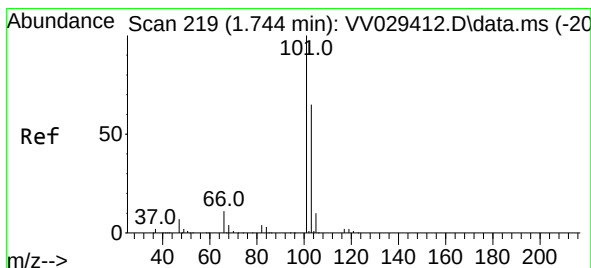
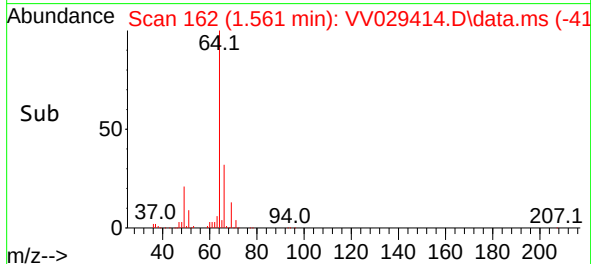
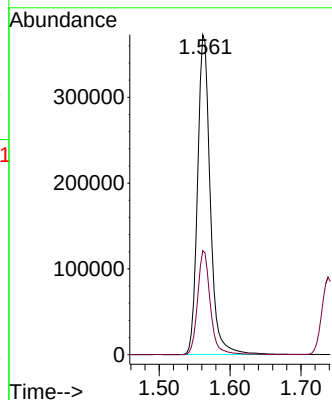
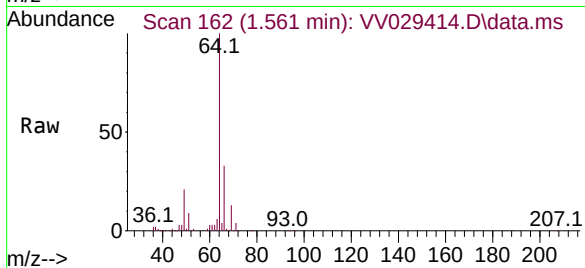




#8
Chloroethane
Concen: 219.452 ug/L
RT: 1.561 min Scan# 1
Delta R.T. -0.009 min
Lab File: VV029414.D
Acq: 07 Dec 2022 13:10

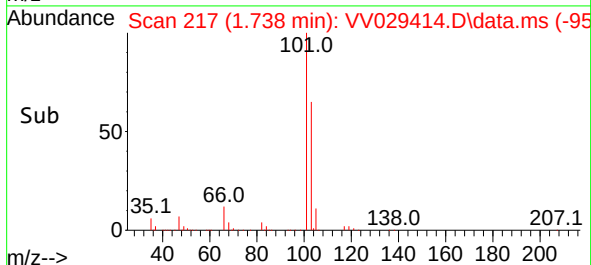
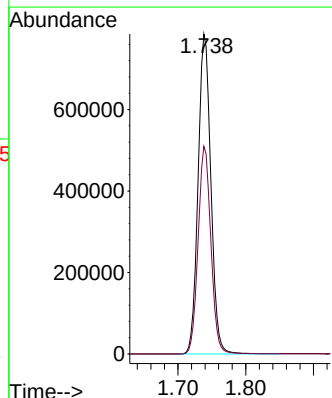
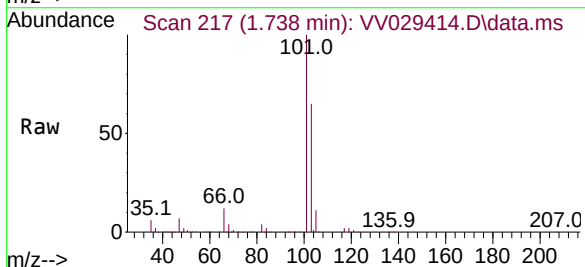
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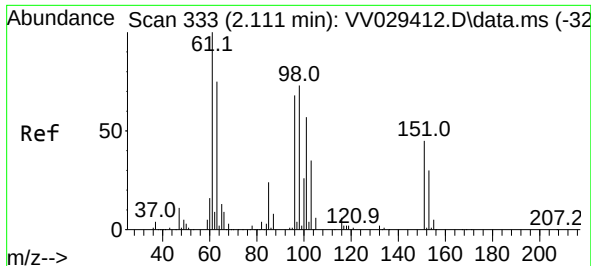
Tgt Ion: 64 Resp: 461753
Ion Ratio Lower Upper
64 100
66 32.5 22.5 41.9



#9
Trichlorofluoromethane
Concen: 208.087 ug/L
RT: 1.738 min Scan# 217
Delta R.T. -0.006 min
Lab File: VV029414.D
Acq: 07 Dec 2022 13:10

Tgt Ion:101 Resp: 1028394
Ion Ratio Lower Upper
101 100
103 64.9 51.8 77.8

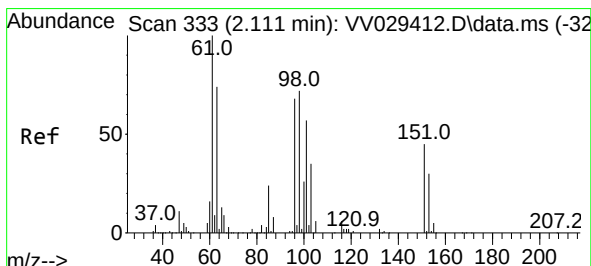
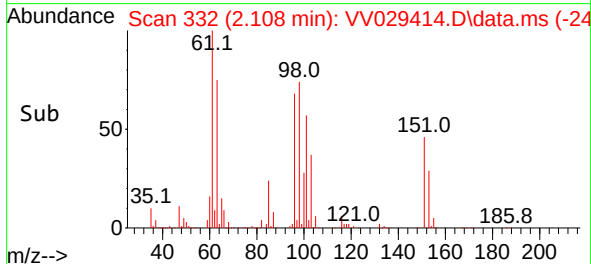
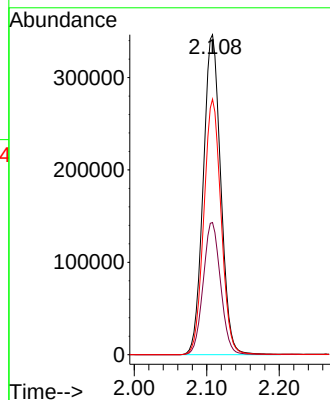
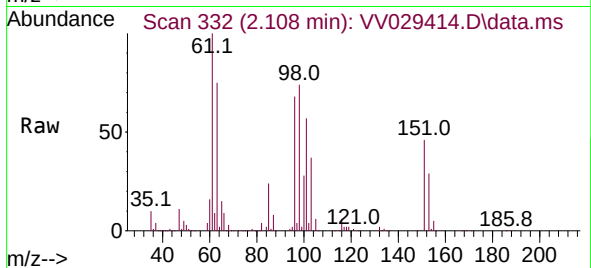




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 209.179 ug/L
RT: 2.108 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV029414.D
Acq: 07 Dec 2022 13:10

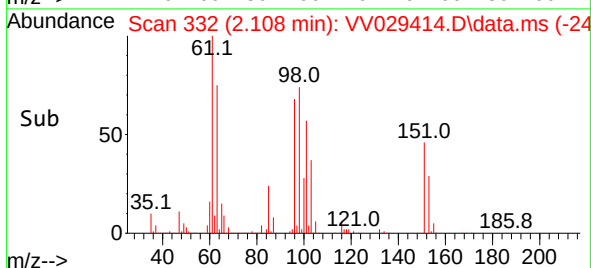
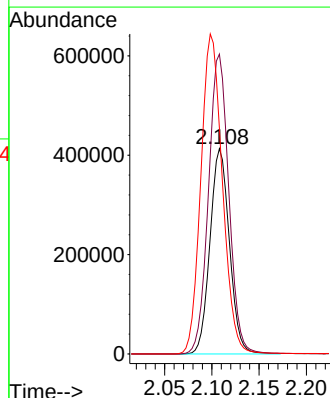
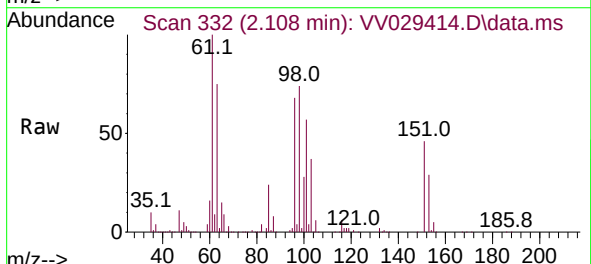
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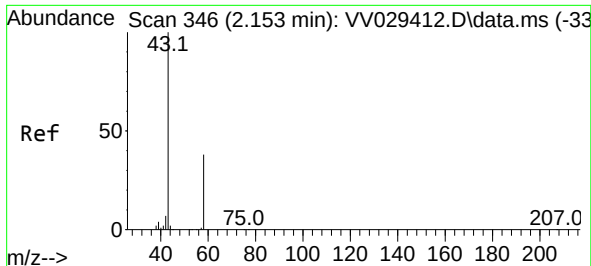
Tgt Ion:101 Resp: 581063
Ion Ratio Lower Upper
101 100
85 41.0 33.6 50.4
151 78.8 63.5 95.3



#12
1,1-Dichloroethene
Concen: 226.822 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.003 min
Lab File: VV029414.D
Acq: 07 Dec 2022 13:10

Tgt Ion: 96 Resp: 590620
Ion Ratio Lower Upper
96 100
61 146.1 103.3 191.9
63 109.9 77.3 143.7





#13

Acetone

Concen: 305.959 ug/L

RT: 2.153 min Scan# 346

Delta R.T. 0.000 min

Lab File: VV029414.D

Acq: 07 Dec 2022 13:10

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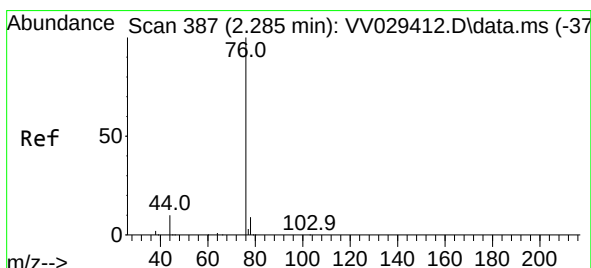
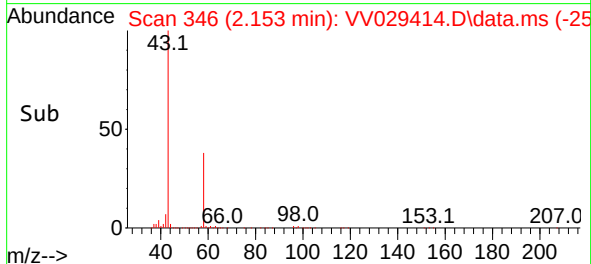
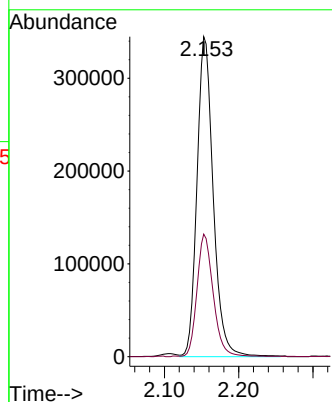
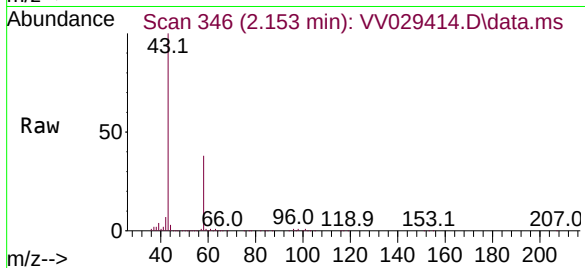
VSTD200280

Tgt Ion: 43 Resp: 525301

Ion Ratio Lower Upper

43 100

58 38.0 0.0 74.8



#14

Carbon disulfide

Concen: 267.361 ug/L

RT: 2.282 min Scan# 386

Delta R.T. -0.003 min

Lab File: VV029414.D

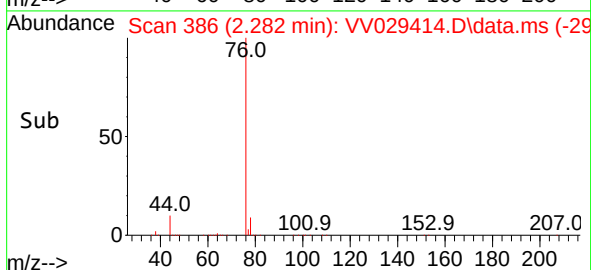
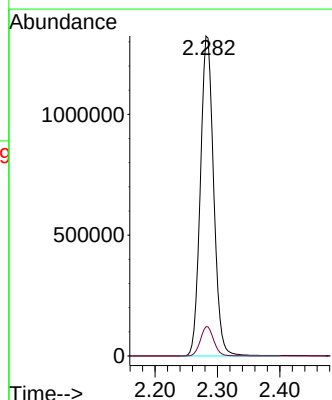
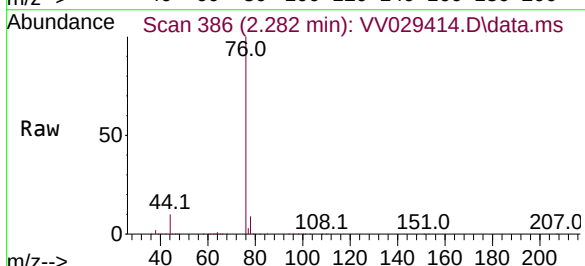
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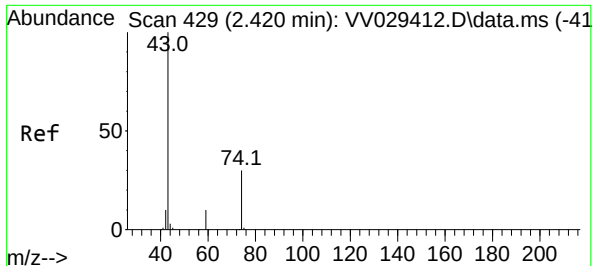
Tgt Ion: 76 Resp: 1962825

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

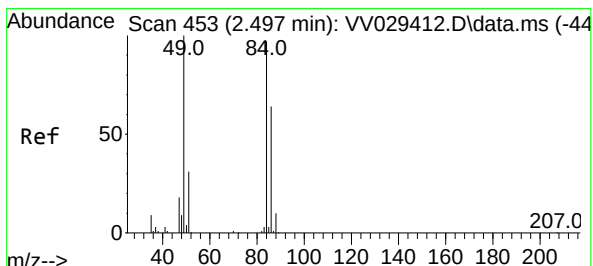
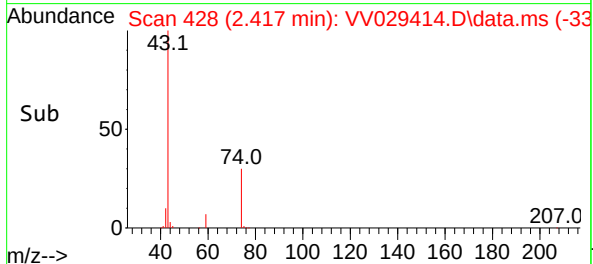
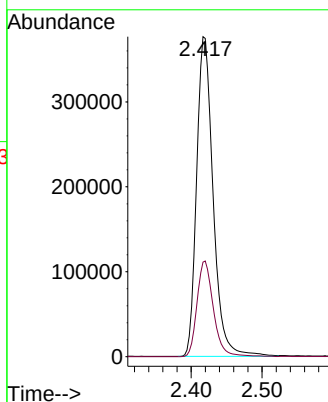
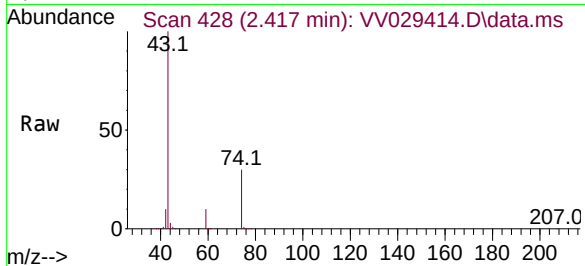




#15
Methyl Acetate
Concen: 170.811 ug/L
RT: 2.417 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV029414.D
Acq: 07 Dec 2022 13:10

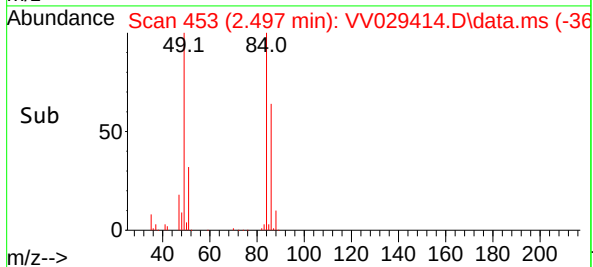
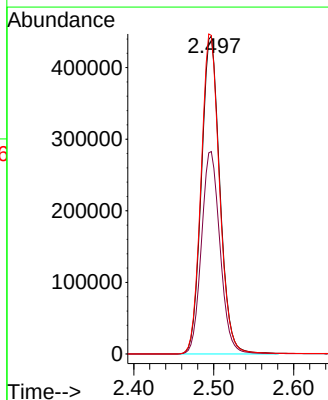
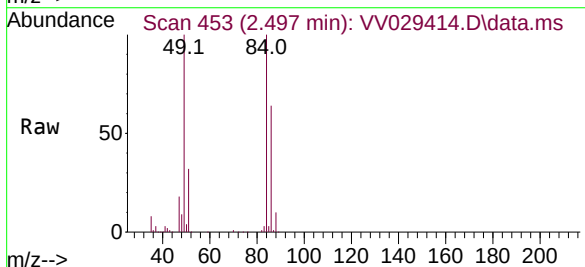
Instrument :
MSVOA_V
ClientSampleId :
VSTD200280

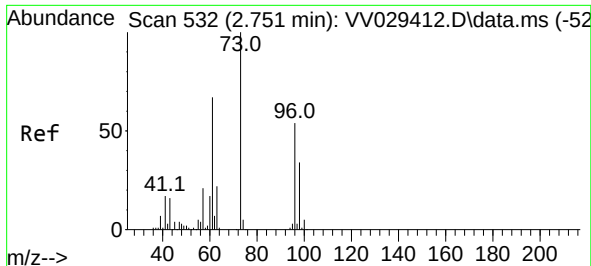
Tgt Ion: 43 Resp: 609973
Ion Ratio Lower Upper
43 100
74 29.8 23.5 35.3



#16
Methylene chloride
Concen: 204.841 ug/L
RT: 2.497 min Scan# 453
Delta R.T. 0.000 min
Lab File: VV029414.D
Acq: 07 Dec 2022 13:10

Tgt Ion: 84 Resp: 714458
Ion Ratio Lower Upper
84 100
86 63.7 46.0 85.4
49 100.2 72.2 134.0

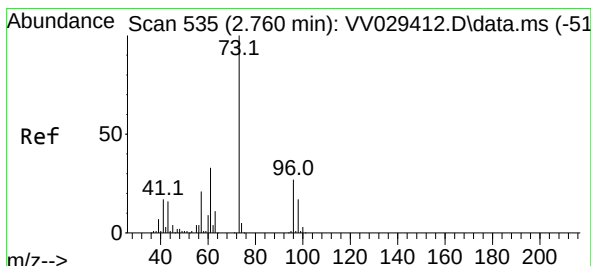
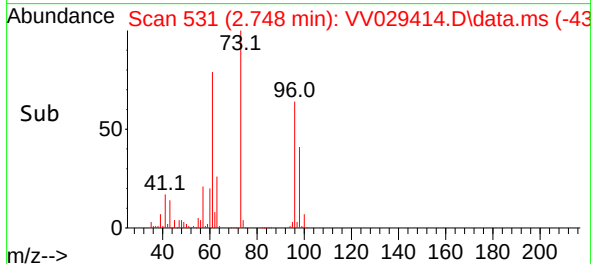
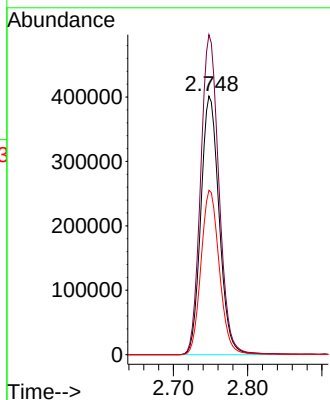
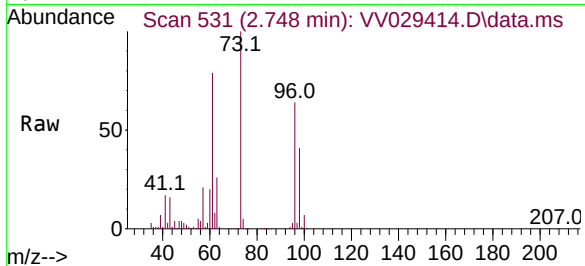




#17
trans-1,2-Dichloroethene
Concen: 224.897 ug/L
RT: 2.748 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV029414.D
Acq: 07 Dec 2022 13:10

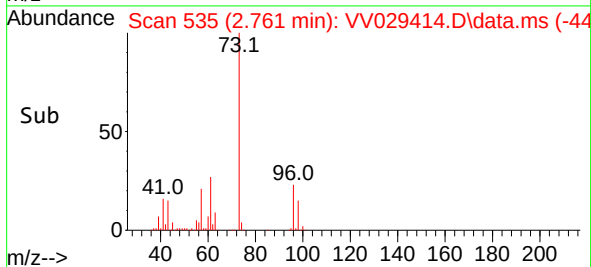
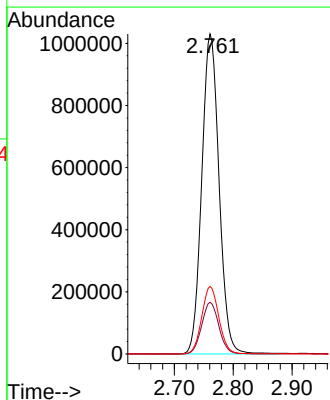
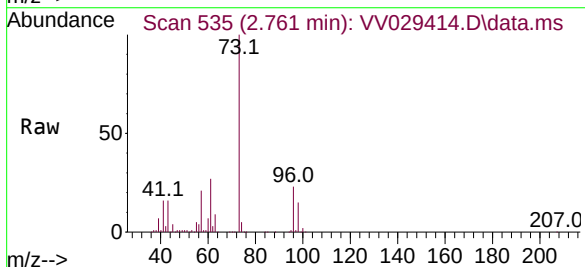
Instrument :
MSVOA_V
ClientSampleId :
VSTD200280

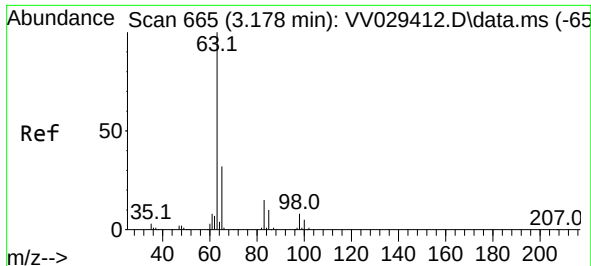
Tgt Ion: 96 Resp: 686971
Ion Ratio Lower Upper
96 100
61 123.8 86.4 160.4
98 63.6 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 200.745 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV029414.D
Acq: 07 Dec 2022 13:10

Tgt Ion: 73 Resp: 2103259
Ion Ratio Lower Upper
73 100
43 16.0 12.7 19.1
57 20.9 16.7 25.1





#19

1,1-Dichloroethane

Concen: 197.387 ug/L

RT: 3.179 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV029414.D

Acq: 07 Dec 2022 13:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD200280

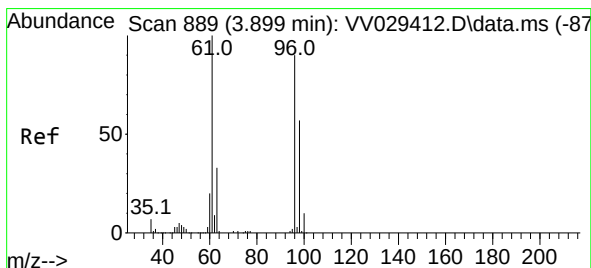
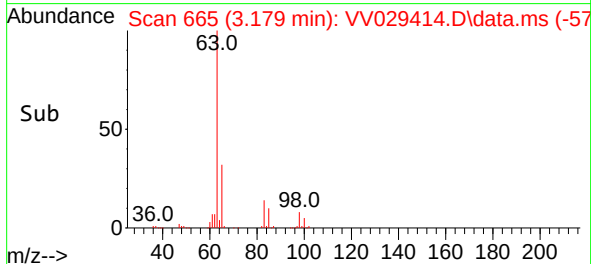
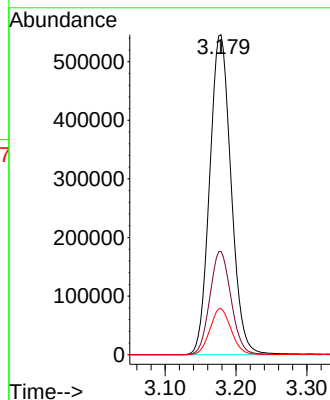
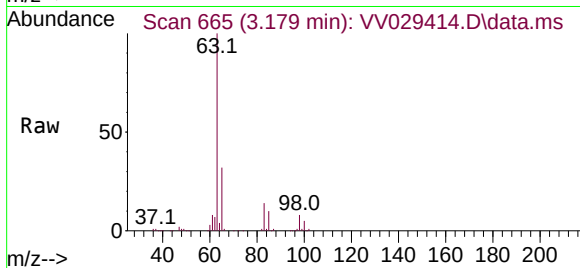
Tgt Ion: 63 Resp: 1145516

Ion Ratio Lower Upper

63 100

65 32.3 22.5 41.7

83 14.4 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 214.234 ug/L

RT: 3.896 min Scan# 888

Delta R.T. -0.003 min

Lab File: VV029414.D

Acq: 07 Dec 2022 13:10

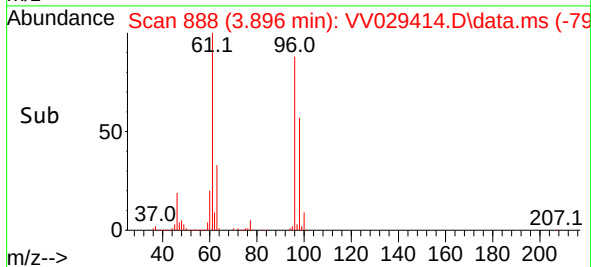
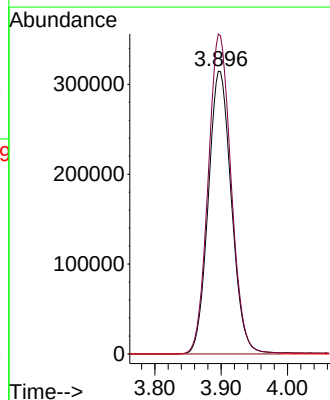
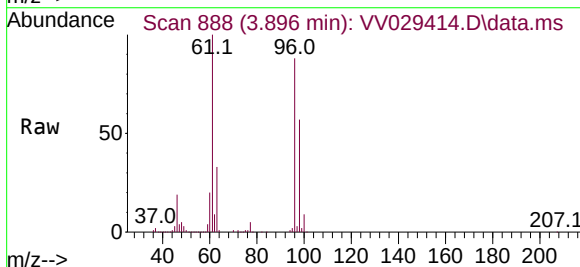
Tgt Ion: 96 Resp: 763706

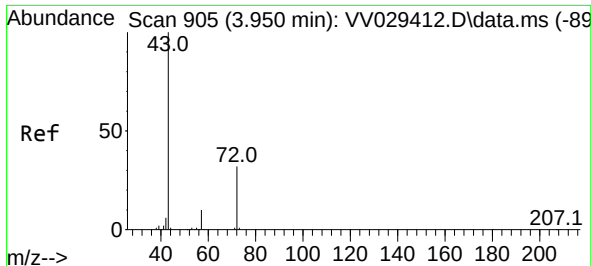
Ion Ratio Lower Upper

96 100

61 113.2 78.0 144.9

68 0.0 0.0 0.0

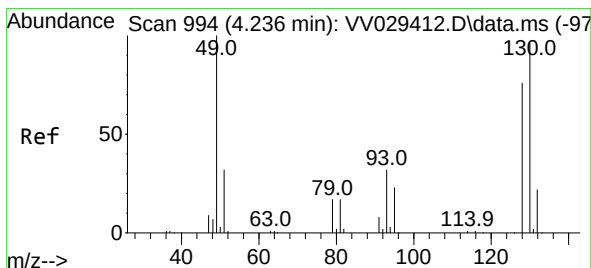
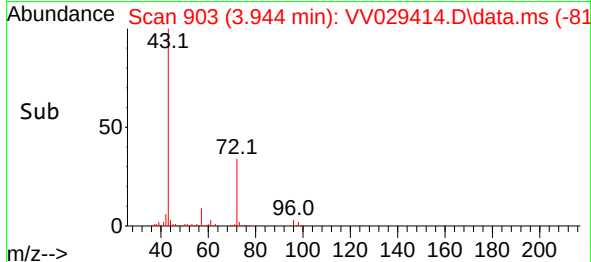
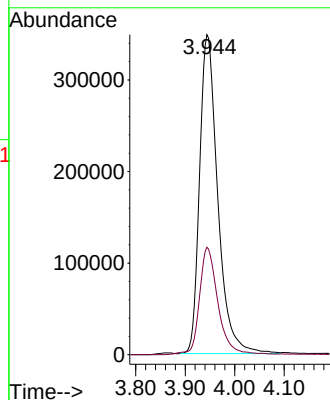
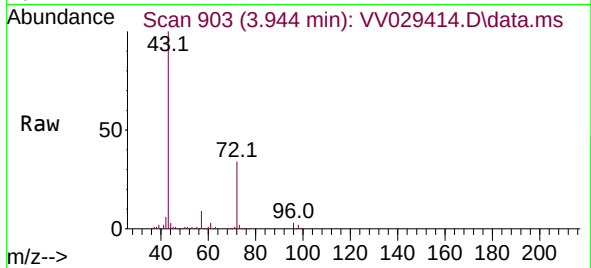




#22
2-Butanone
Concen: 356.754 ug/L
RT: 3.944 min Scan# 905
Delta R.T. -0.006 min
Lab File: VV029414.D
Acq: 07 Dec 2022 13:10

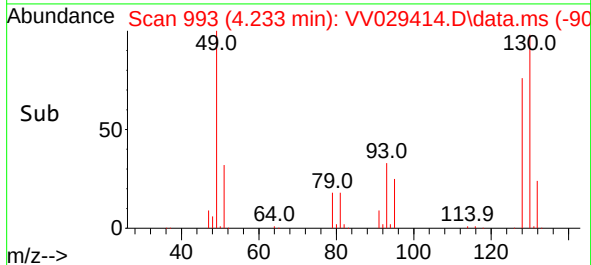
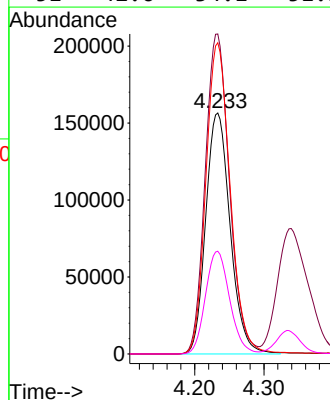
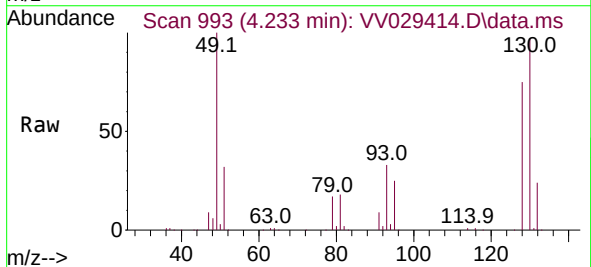
Instrument :
MSVOA_V
ClientSampleId :
VSTD200280

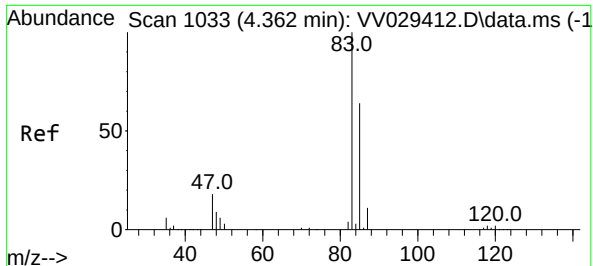
Tgt Ion: 43 Resp: 889759
Ion Ratio Lower Upper
43 100
72 34.0 15.9 47.6



#23
Bromochloromethane
Concen: 201.423 ug/L
RT: 4.233 min Scan# 993
Delta R.T. -0.003 min
Lab File: VV029414.D
Acq: 07 Dec 2022 13:10

Tgt Ion:128 Resp: 383591
Ion Ratio Lower Upper
128 100
49 132.8 92.2 171.2
130 129.2 88.3 164.1
51 42.6 34.1 51.1

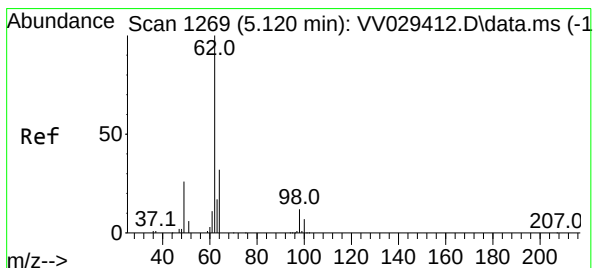
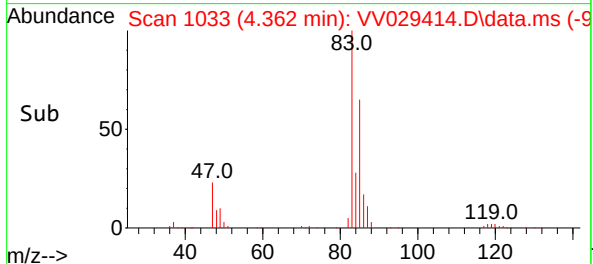
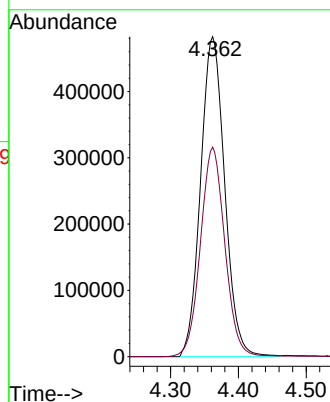
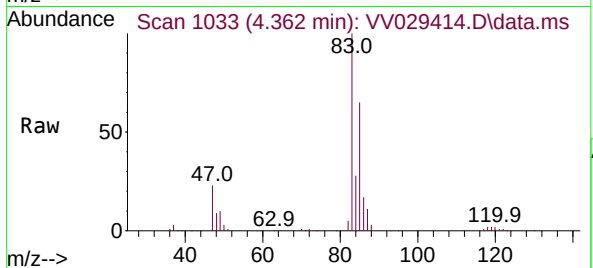




#25
Chloroform
Concen: 195.483 ug/L
RT: 4.362 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VV029414.D
Acq: 07 Dec 2022 13:10

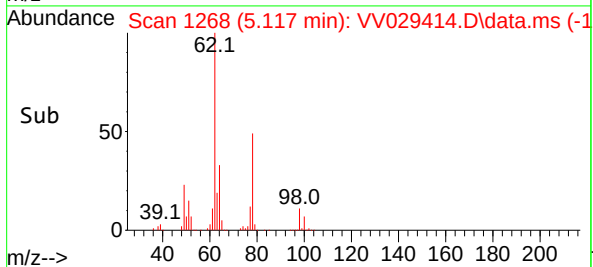
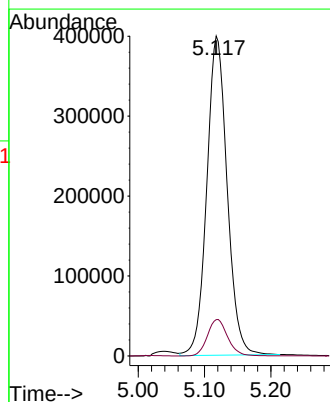
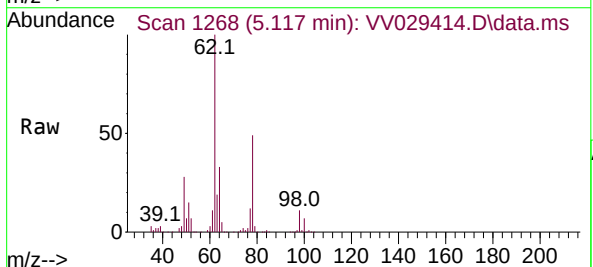
Instrument :
MSVOA_V
ClientSampleId :
VSTD200280

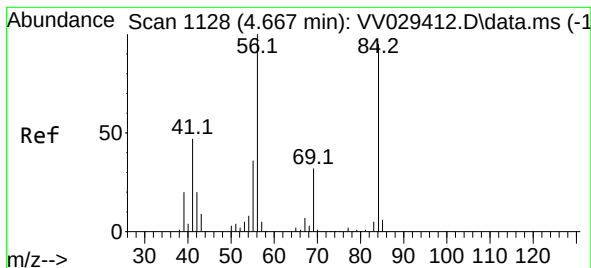
Tgt Ion: 83 Resp: 1193937
Ion Ratio Lower Upper
83 100
85 65.5 45.1 83.9



#27
1,2-Dichloroethane
Concen: 198.409 ug/L
RT: 5.117 min Scan# 1268
Delta R.T. -0.003 min
Lab File: VV029414.D
Acq: 07 Dec 2022 13:10

Tgt Ion: 62 Resp: 851268
Ion Ratio Lower Upper
62 100
98 11.4 9.4 14.0





#29

Cyclohexane

Concen: 238.127 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VV029414.D

Acq: 07 Dec 2022 13:10

Instrument :

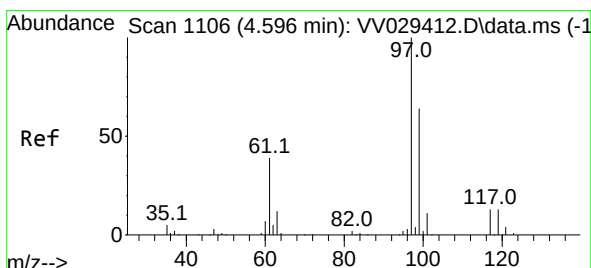
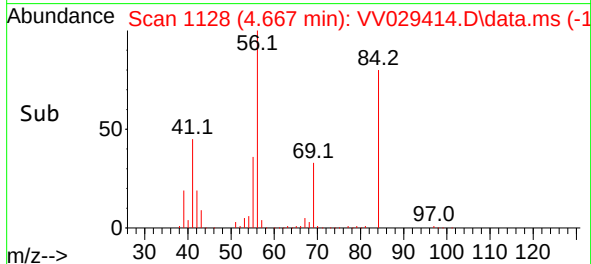
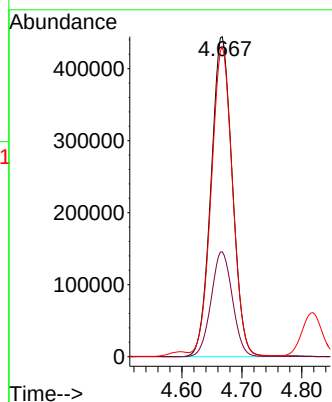
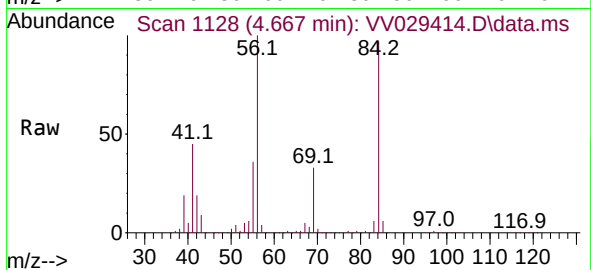
MSVOA_V

ClientSampleId :

VSTD200280

Tgt Ion: 56 Resp: 1097605

Ion	Ratio	Lower	Upper
56	100		
69	32.8	25.8	38.8
84	96.4	76.6	114.8



#30

1,1,1-Trichloroethane

Concen: 212.617 ug/L

RT: 4.597 min Scan# 1106

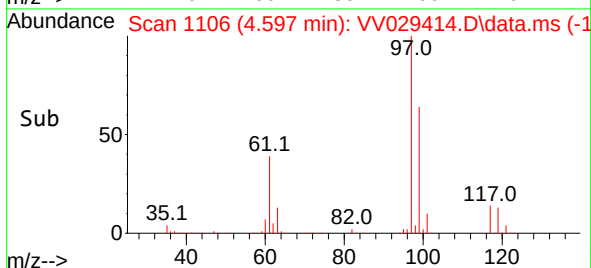
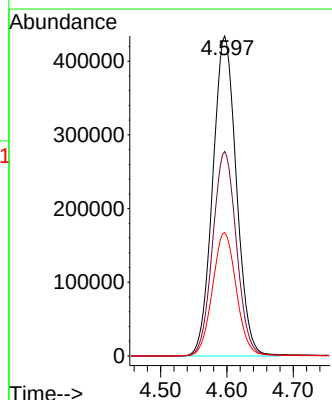
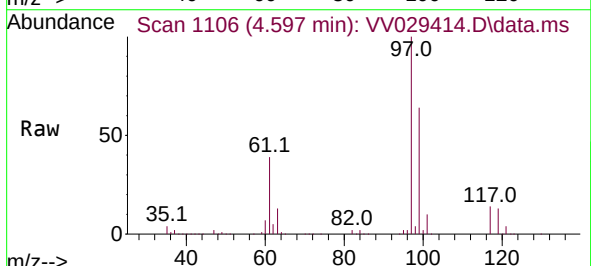
Delta R.T. 0.000 min

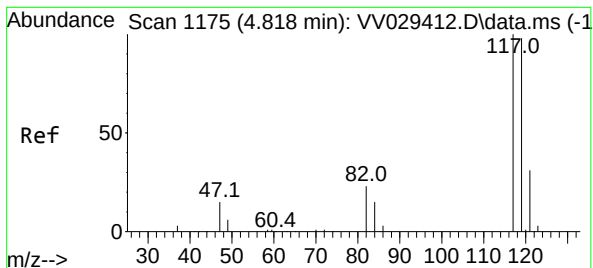
Lab File: VV029414.D

Acq: 07 Dec 2022 13:10

Tgt Ion: 97 Resp: 1075694

Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.1	78.1
61	39.0	31.8	47.8





#31

Carbon tetrachloride

Concen: 216.335 ug/L

RT: 4.818 min Scan# 1175

Delta R.T. 0.000 min

Lab File: VV029414.D

Acq: 07 Dec 2022 13:10

Instrument :

MSVOA_V

ClientSampleId :

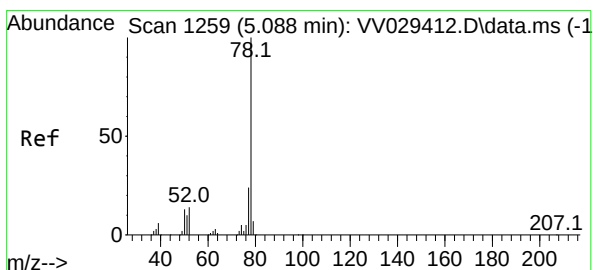
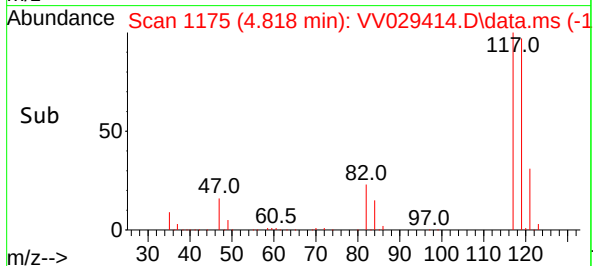
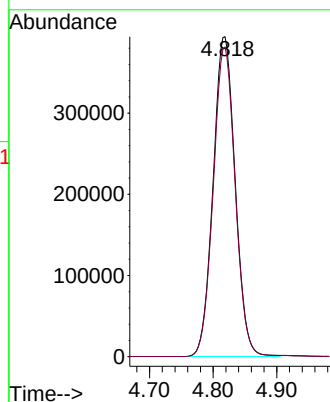
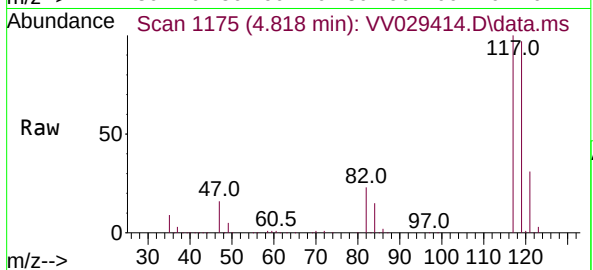
VSTD200280

Tgt Ion:117 Resp: 949177

Ion Ratio Lower Upper

117 100

119 96.4 76.7 115.1



#33

Benzene

Concen: 229.808 ug/L

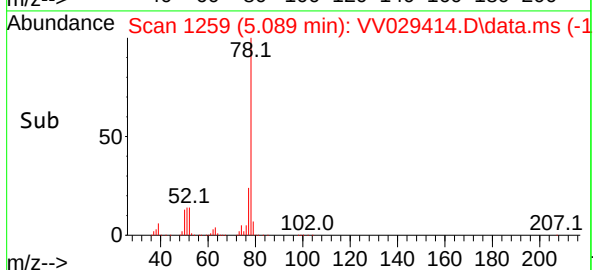
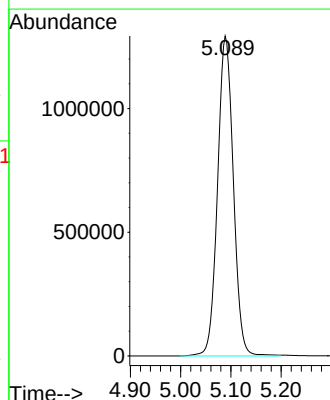
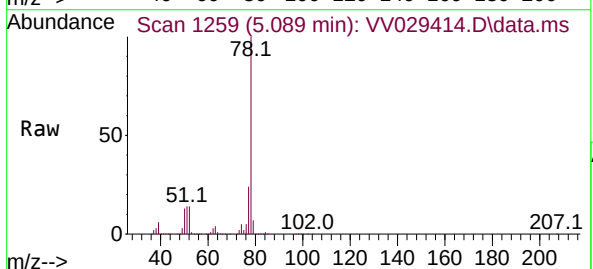
RT: 5.089 min Scan# 1259

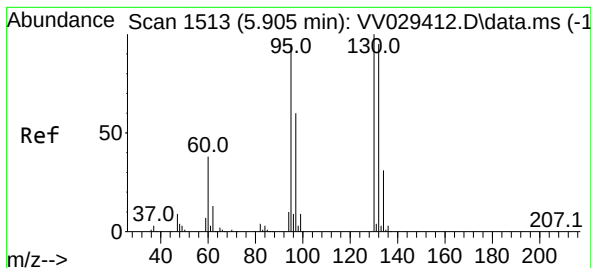
Delta R.T. 0.000 min

Lab File: VV029414.D

Acq: 07 Dec 2022 13:10

Tgt Ion: 78 Resp: 2817929





#34

Trichloroethene

Concen: 210.088 ug/L

RT: 5.902 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV029414.D

Acq: 07 Dec 2022 13:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD200280

Tgt Ion: 95 Resp: 716761

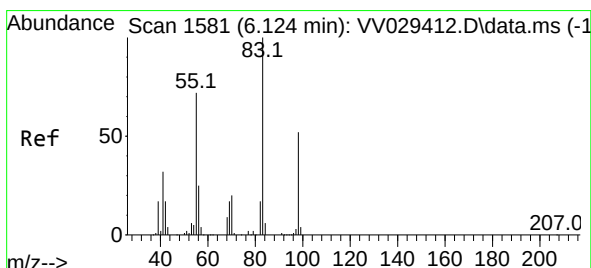
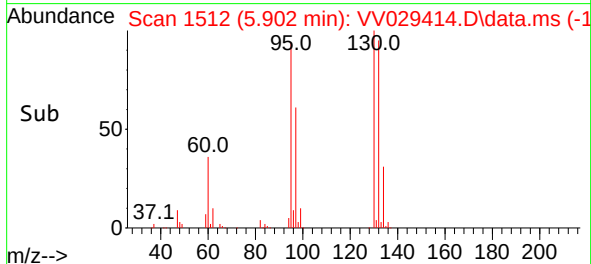
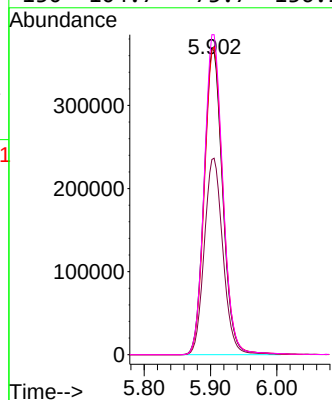
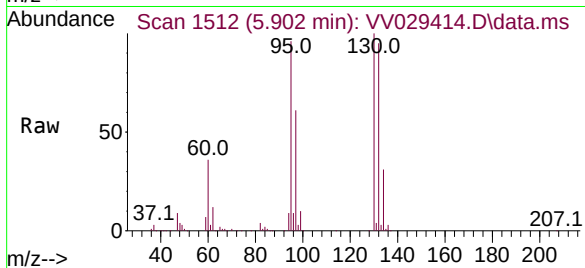
Ion Ratio Lower Upper

95 100

97 63.9 44.0 81.8

132 99.5 69.9 129.9

130 104.7 73.7 136.9



#35

Methylcyclohexane

Concen: 256.799 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. 0.000 min

Lab File: VV029414.D

Acq: 07 Dec 2022 13:10

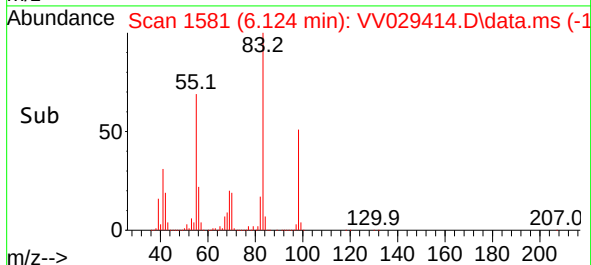
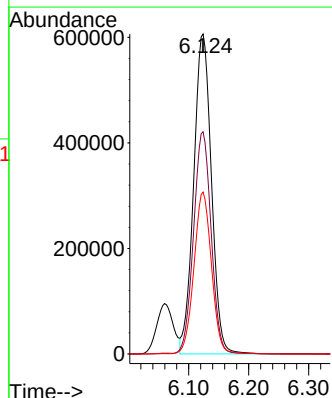
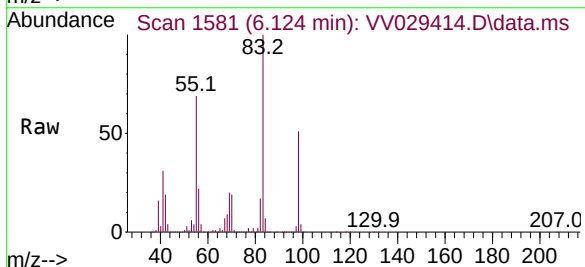
Tgt Ion: 83 Resp: 1247940

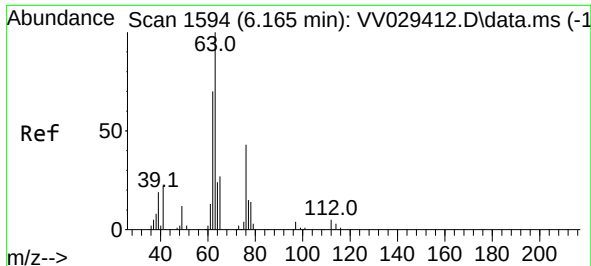
Ion Ratio Lower Upper

83 100

55 68.9 55.5 83.3

98 50.1 39.8 59.8





#37

1,2-Dichloropropane

Concen: 210.797 ug/L

RT: 6.162 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV029414.D

Acq: 07 Dec 2022 13:10

Instrument :

MSVOA_V

ClientSampleId :

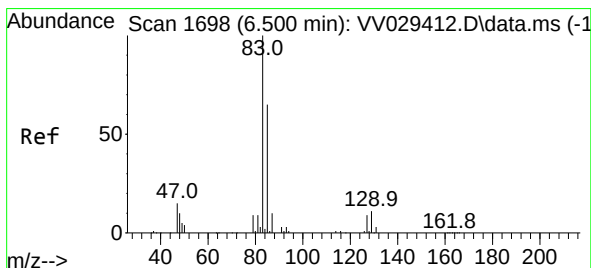
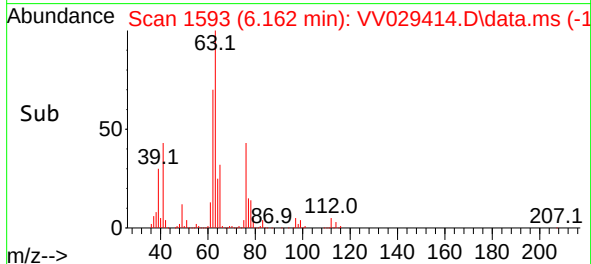
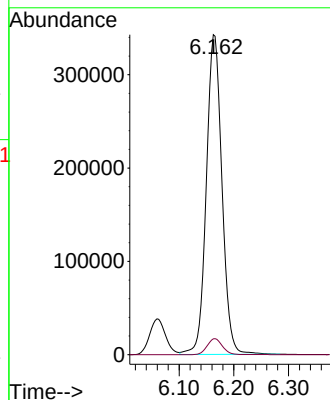
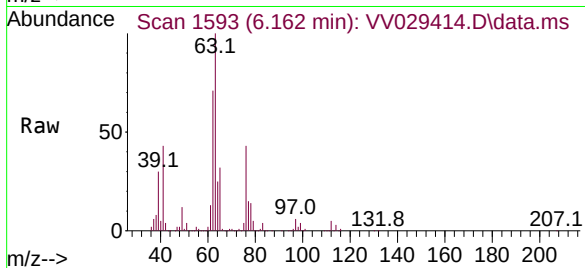
VSTD200280

Tgt Ion: 63 Resp: 679751

Ion Ratio Lower Upper

63 100

112 4.9 3.9 5.9



#38

Bromodichloromethane

Concen: 212.445 ug/L

RT: 6.500 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VV029414.D

Acq: 07 Dec 2022 13:10

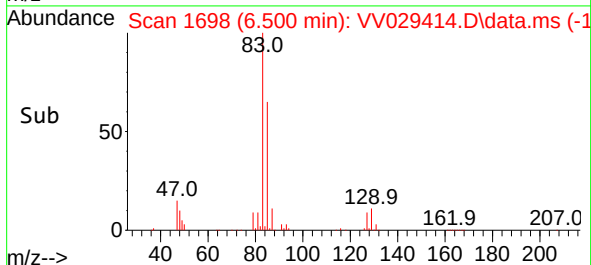
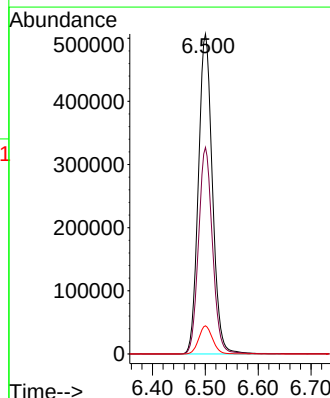
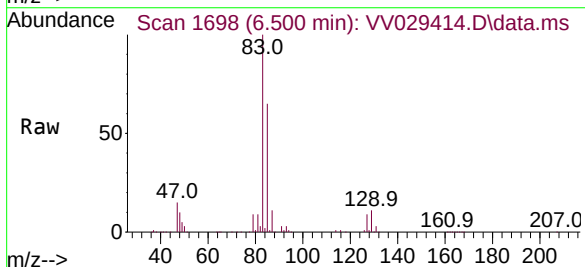
Tgt Ion: 83 Resp: 931737

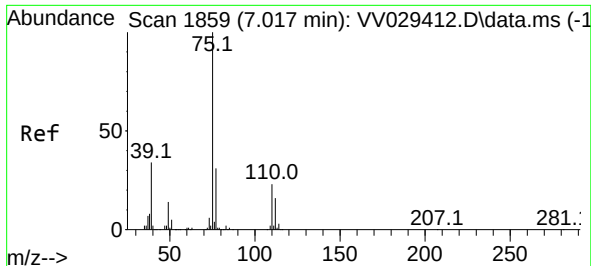
Ion Ratio Lower Upper

83 100

85 64.5 45.3 84.1

127 8.8 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 227.614 ug/L

RT: 7.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV029414.D

Acq: 07 Dec 2022 13:10

Instrument :

MSVOA_V

ClientSampleId :

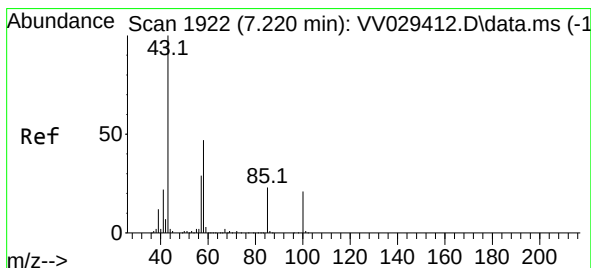
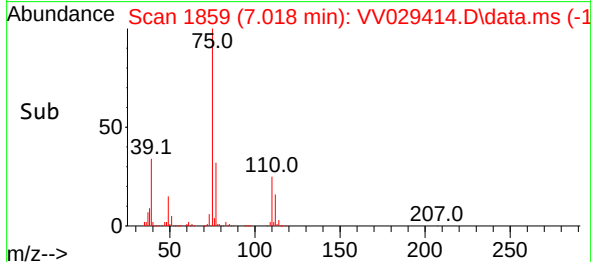
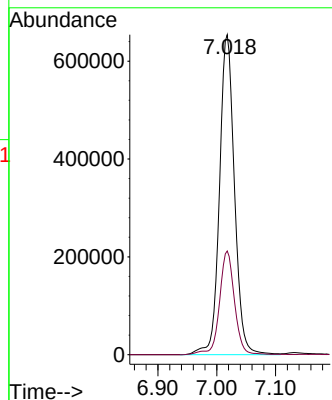
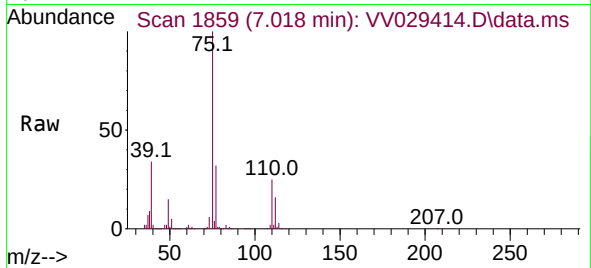
VSTD200280

Tgt Ion: 75 Resp: 1162031

Ion Ratio Lower Upper

75 100

77 32.4 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 369.870 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. 0.000 min

Lab File: VV029414.D

Acq: 07 Dec 2022 13:10

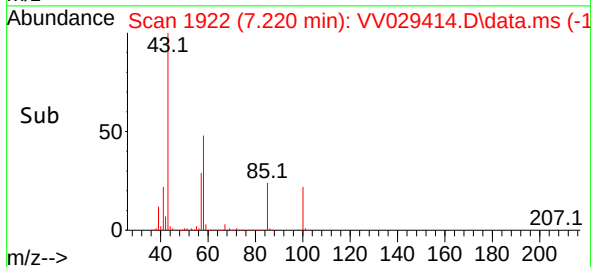
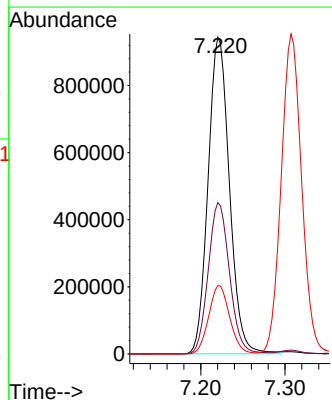
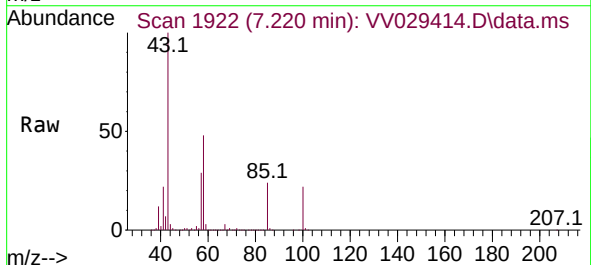
Tgt Ion: 43 Resp: 1662699

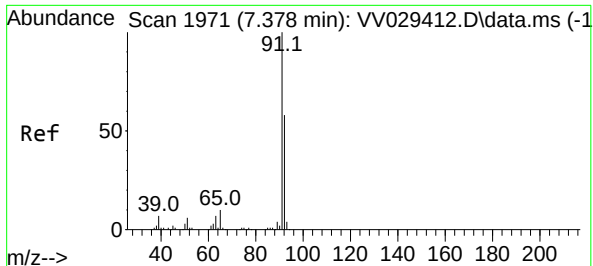
Ion Ratio Lower Upper

43 100

58 47.7 37.5 56.3

100 21.3 16.7 25.1





#42

Toluene

Concen: 229.933 ug/L

RT: 7.378 min Scan# 1971

Delta R.T. 0.000 min

Lab File: VV029414.D

Acq: 07 Dec 2022 13:10

Instrument :

MSVOA_V

ClientSampleId :

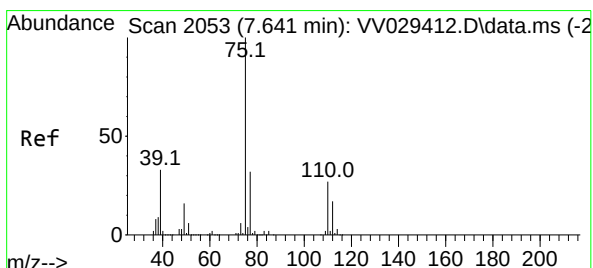
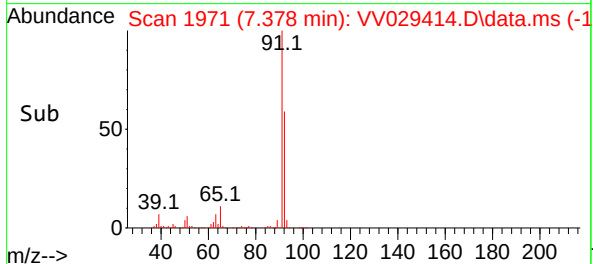
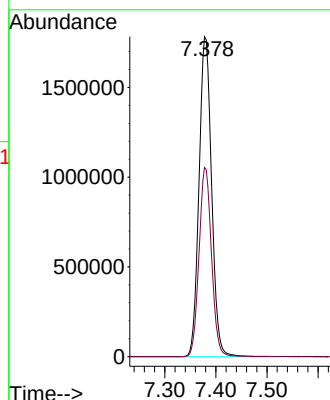
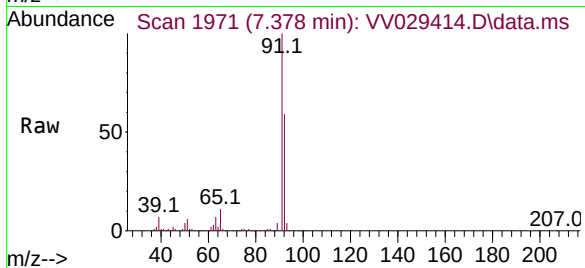
VSTD200280

Tgt Ion: 91 Resp: 3044176

Ion Ratio Lower Upper

91 100

92 59.2 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 226.620 ug/L

RT: 7.641 min Scan# 2053

Delta R.T. 0.000 min

Lab File: VV029414.D

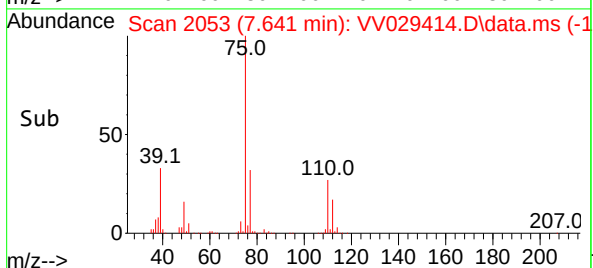
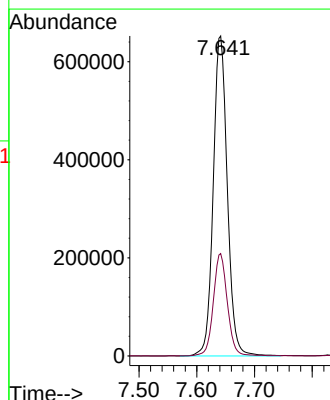
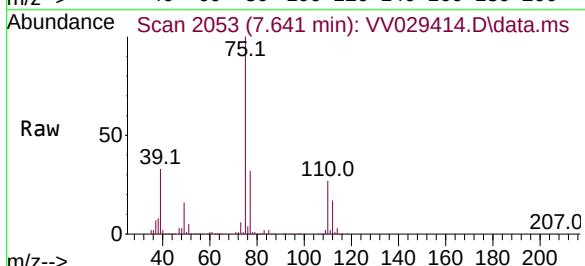
Acq: 07 Dec 2022 13:10

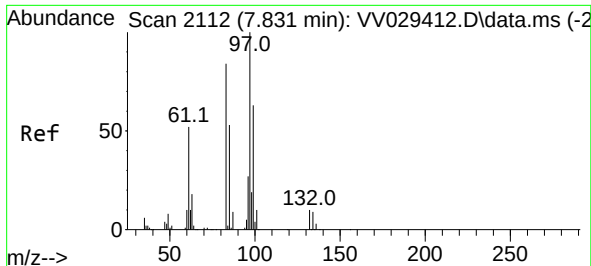
Tgt Ion: 75 Resp: 1104588

Ion Ratio Lower Upper

75 100

77 32.0 22.3 41.5



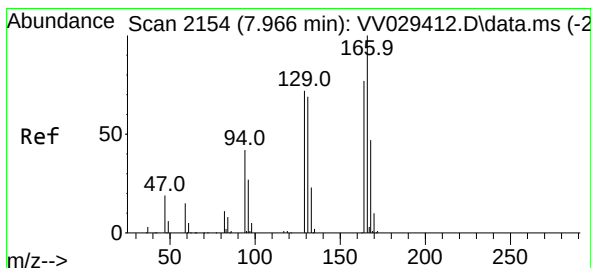
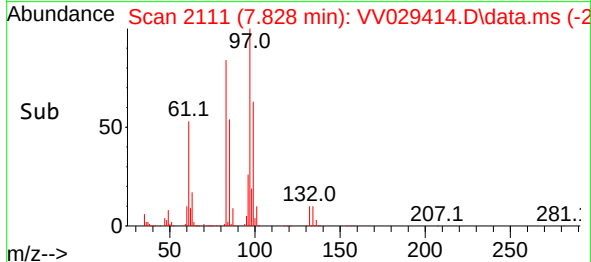
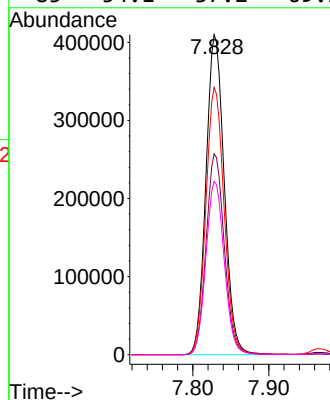
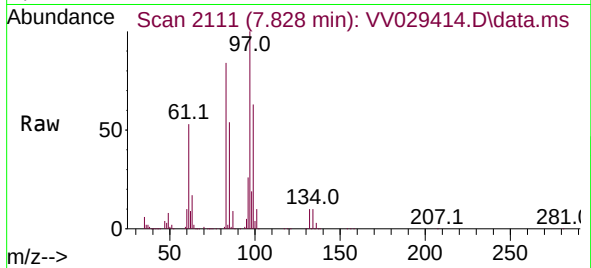


#45
1,1,2-Trichloroethane
Concen: 209.253 ug/L
RT: 7.828 min Scan# 2111
Delta R.T. -0.003 min
Lab File: VV029414.D
Acq: 07 Dec 2022 13:10

Instrument :
MSVOA_V
ClientSampleId :
VSTD200280

Tgt Ion: 97 Resp: 684658

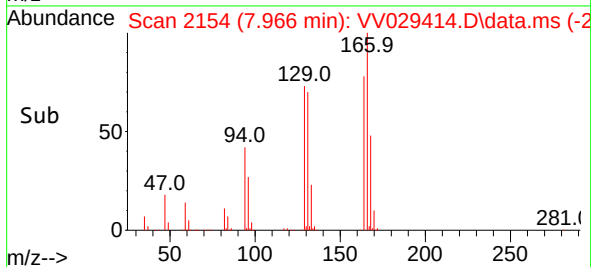
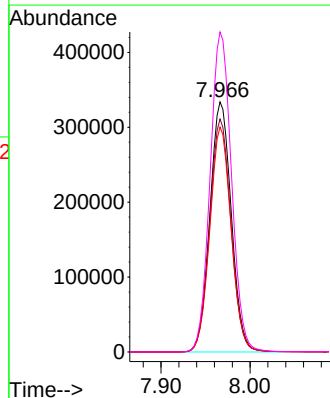
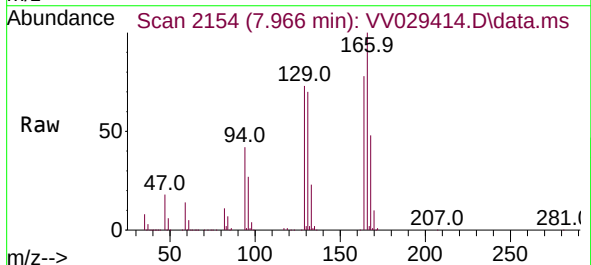
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.8	81.3
83	83.5	58.6	108.8
85	54.1	37.2	69.2

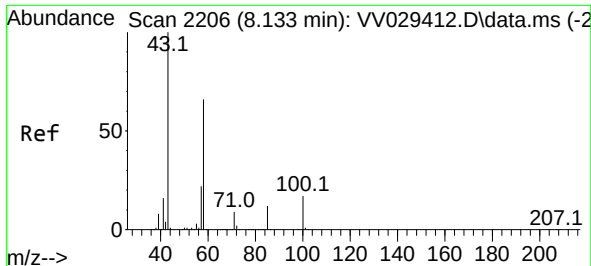


#46
Tetrachloroethene
Concen: 217.555 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VV029414.D
Acq: 07 Dec 2022 13:10

Tgt Ion: 164 Resp: 558492

Ion	Ratio	Lower	Upper
164	100		
129	93.1	65.3	121.3
131	89.9	63.1	117.1
166	127.9	90.8	168.6



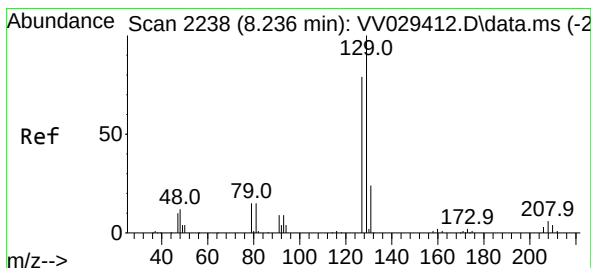
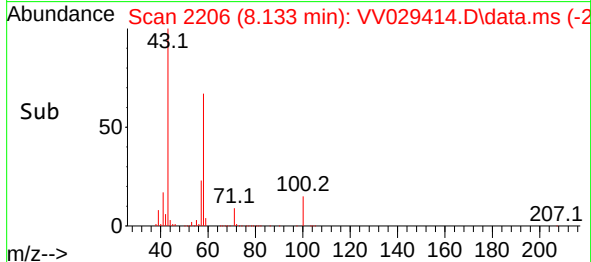
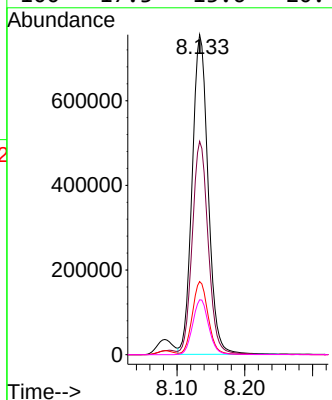
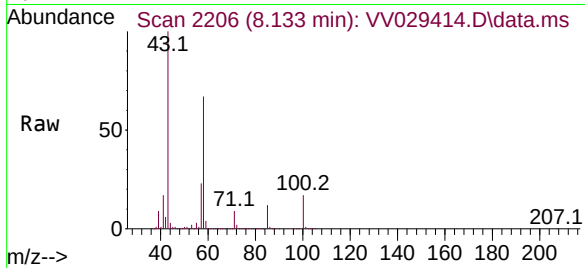


#48
2-Hexanone
Concen: 357.325 ug/L
RT: 8.133 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029414.D
Acq: 07 Dec 2022 13:10

Instrument :
MSVOA_V
ClientSampleId :
VSTD200280

Tgt Ion: 43 Resp: 1235892

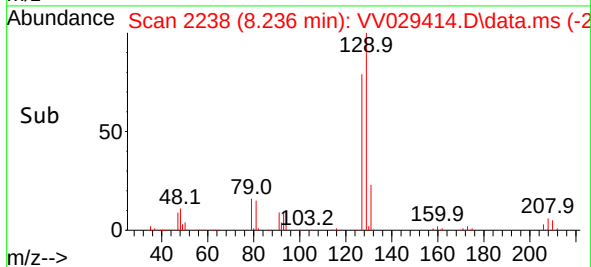
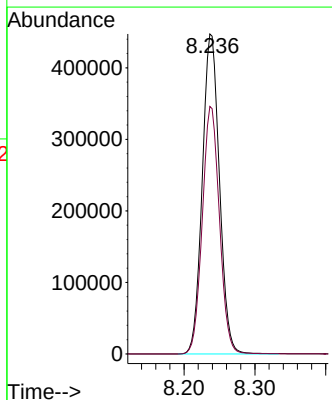
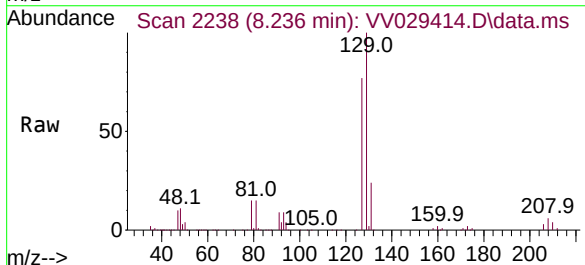
Ion	Ratio	Lower	Upper
43	100		
58	66.6	54.1	81.1
57	22.6	17.4	26.0
100	17.3	13.6	20.4

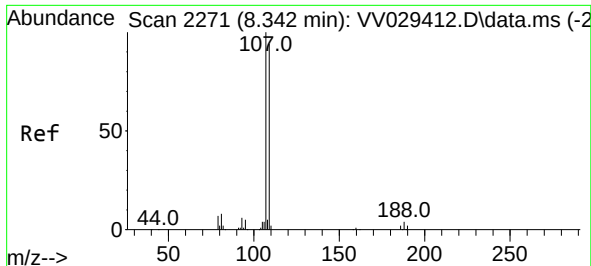


#49
Dibromochloromethane
Concen: 202.596 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VV029414.D
Acq: 07 Dec 2022 13:10

Tgt Ion: 129 Resp: 751363

Ion	Ratio	Lower	Upper
129	100		
127	77.4	55.2	102.4





#50

1,2-Dibromoethane

Concen: 203.740 ug/L

RT: 8.342 min Scan# 2271

Delta R.T. 0.000 min

Lab File: VV029414.D

Acq: 07 Dec 2022 13:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD200280

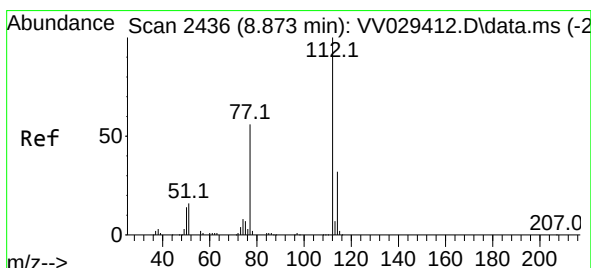
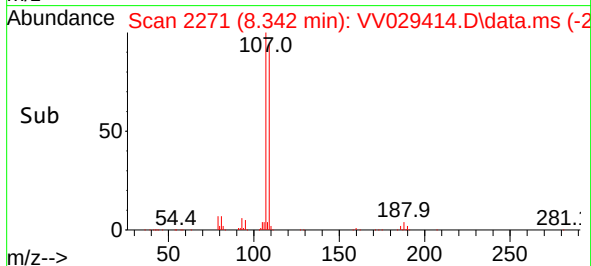
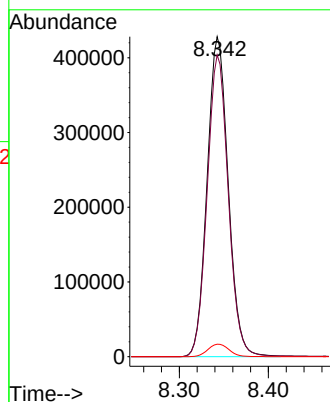
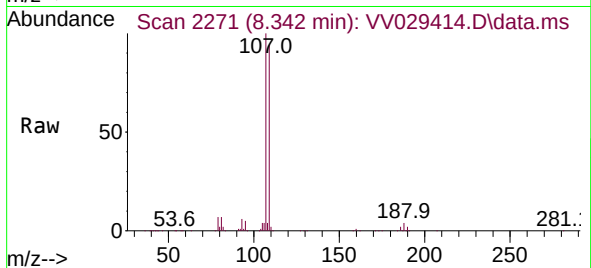
Tgt Ion:107 Resp: 704271

Ion Ratio Lower Upper

107 100

109 94.3 66.0 122.6

188 3.9 3.2 4.8



#51

Chlorobenzene

Concen: 214.022 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. 0.000 min

Lab File: VV029414.D

Acq: 07 Dec 2022 13:10

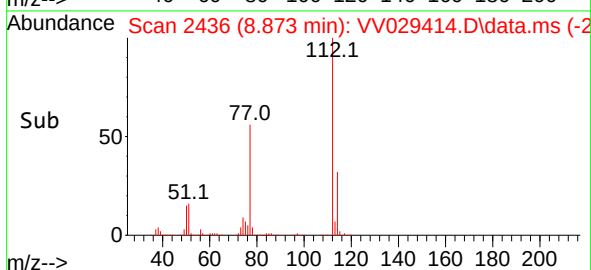
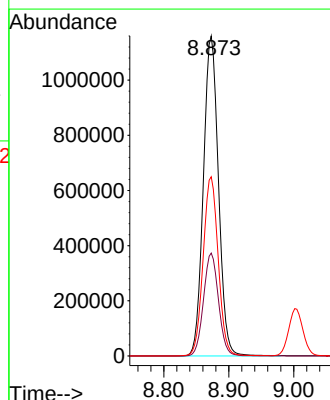
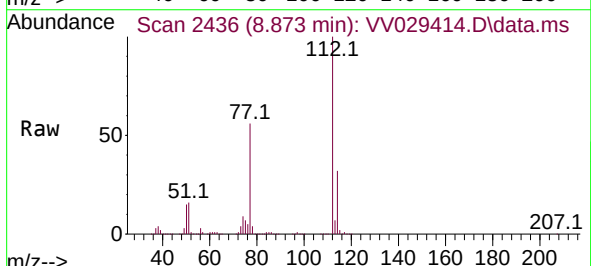
Tgt Ion:112 Resp: 1876587

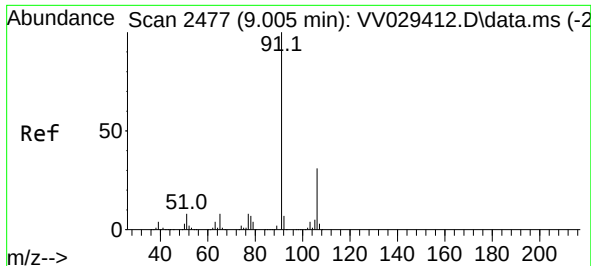
Ion Ratio Lower Upper

112 100

114 32.1 22.3 41.3

77 56.0 45.0 67.4

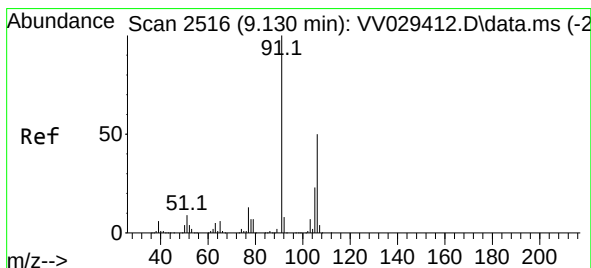
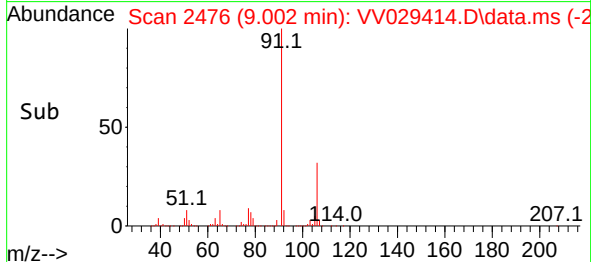
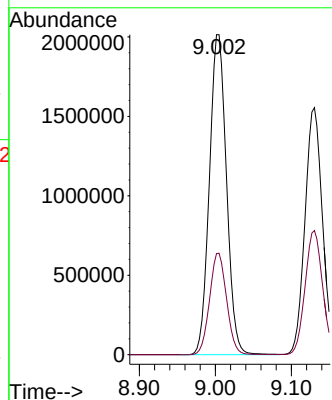
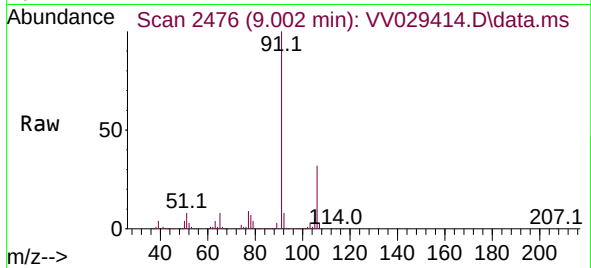




#52
Ethylbenzene
Concen: 219.506 ug/L
RT: 9.002 min Scan# 2477
Delta R.T. -0.003 min
Lab File: VV029414.D
Acq: 07 Dec 2022 13:10

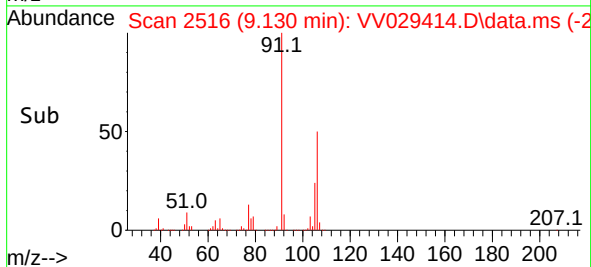
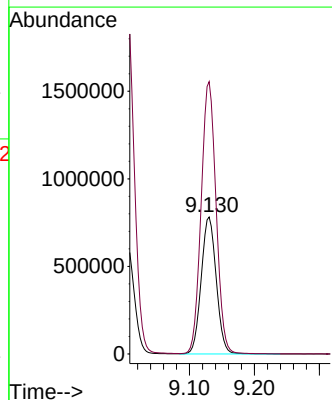
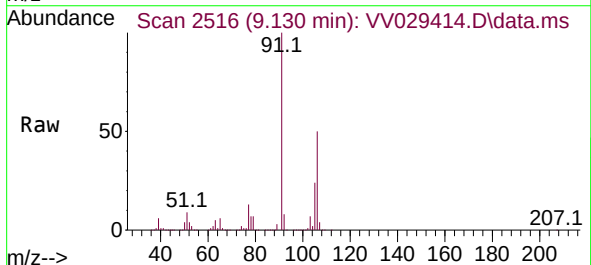
Instrument :
MSVOA_V
ClientSampleId :
VSTD200280

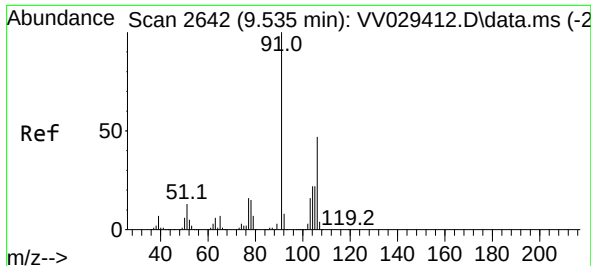
Tgt Ion: 91 Resp: 3144564
Ion Ratio Lower Upper
91 100
106 31.6 21.8 40.6



#53
m,p-Xylene
Concen: 224.755 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. 0.000 min
Lab File: VV029414.D
Acq: 07 Dec 2022 13:10

Tgt Ion:106 Resp: 1257181
Ion Ratio Lower Upper
106 100
91 198.9 139.5 259.1

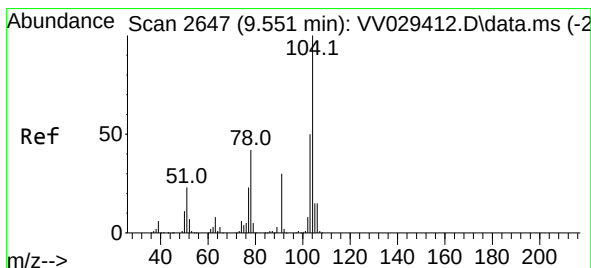
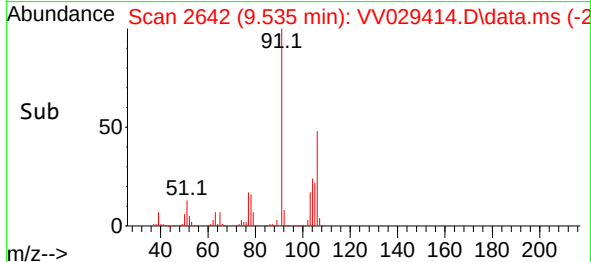
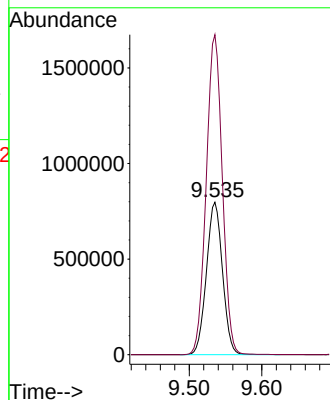
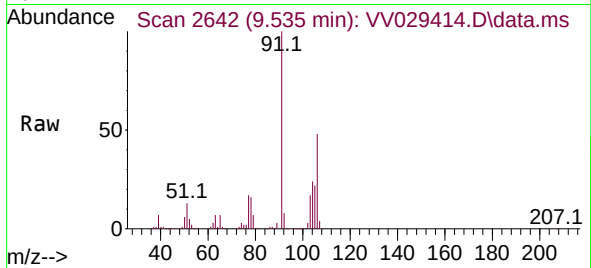




#54
o-Xylene
Concen: 219.405 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV029414.D
Acq: 07 Dec 2022 13:10

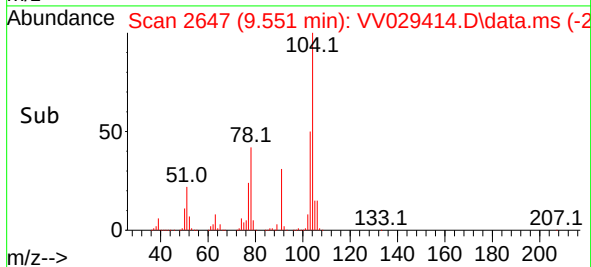
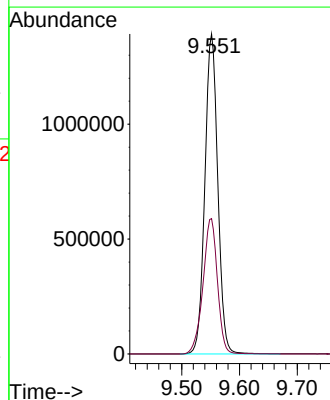
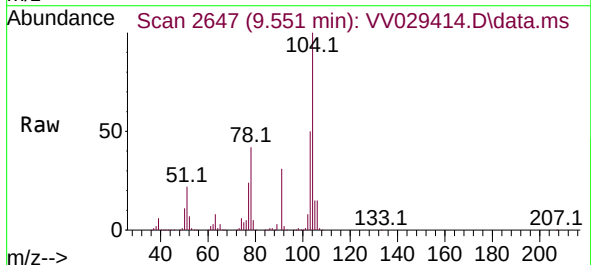
Instrument :
MSVOA_V
ClientSampleId :
VSTD200280

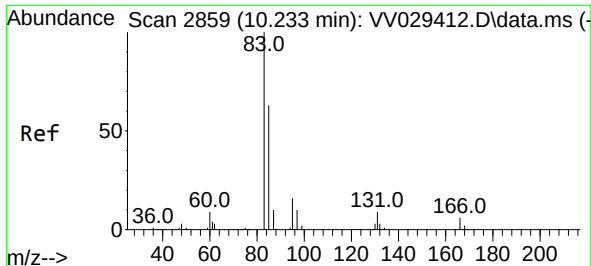
Tgt Ion:106 Resp: 1227075
Ion Ratio Lower Upper
106 100
91 210.0 148.0 274.8



#55
Styrene
Concen: 228.964 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.000 min
Lab File: VV029414.D
Acq: 07 Dec 2022 13:10

Tgt Ion:104 Resp: 2159883
Ion Ratio Lower Upper
104 100
78 42.3 29.4 54.6

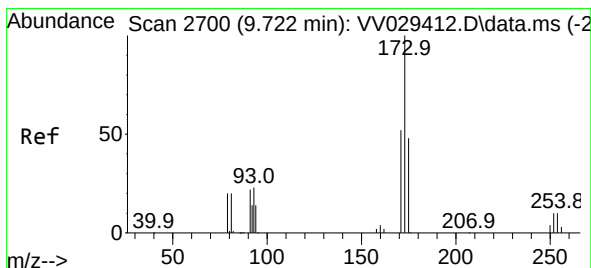
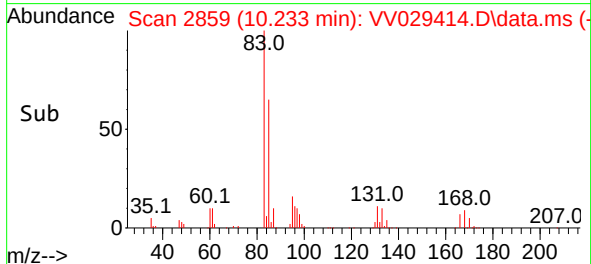
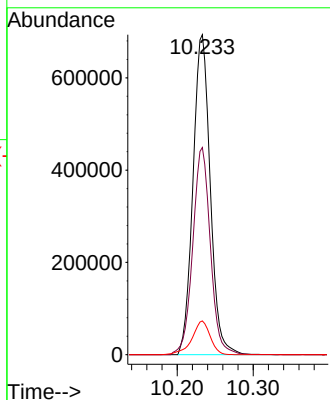
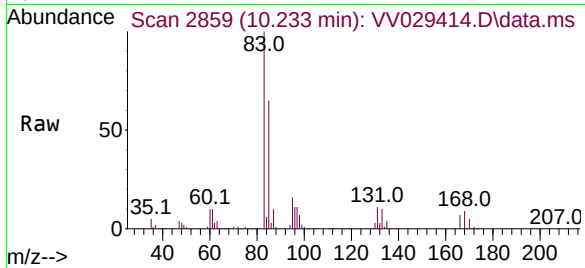




#57
 1,1,2,2-Tetrachloroethane
 Concen: 221.234 ug/L
 RT: 10.233 min Scan# 2859
 Delta R.T. 0.000 min
 Lab File: VV029414.D
 Acq: 07 Dec 2022 13:10

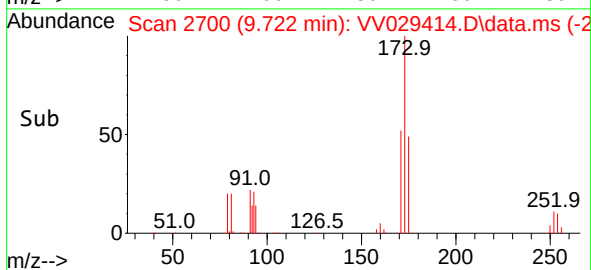
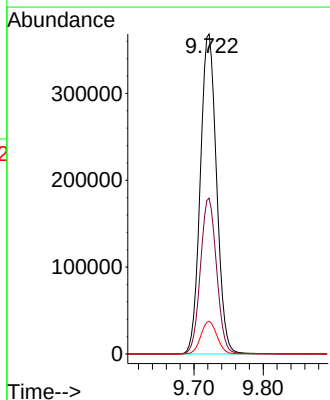
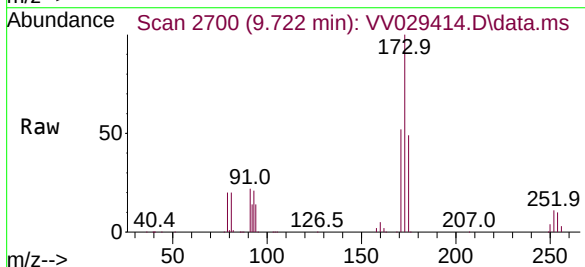
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200280

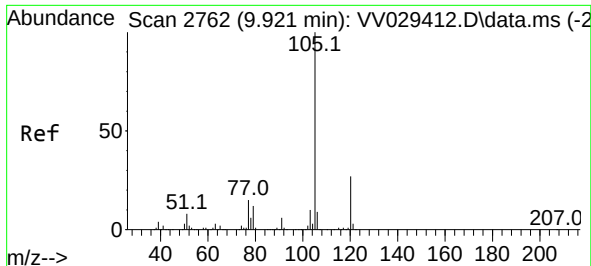
Tgt Ion: 83 Resp: 1094195
 Ion Ratio Lower Upper
 83 100
 85 64.8 45.7 84.9
 131 10.5 7.9 11.9



#59
 Bromoform
 Concen: 201.506 ug/L
 RT: 9.722 min Scan# 2700
 Delta R.T. 0.000 min
 Lab File: VV029414.D
 Acq: 07 Dec 2022 13:10

Tgt Ion: 173 Resp: 599718
 Ion Ratio Lower Upper
 173 100
 175 48.4 38.4 57.6
 254 10.2 7.8 11.8

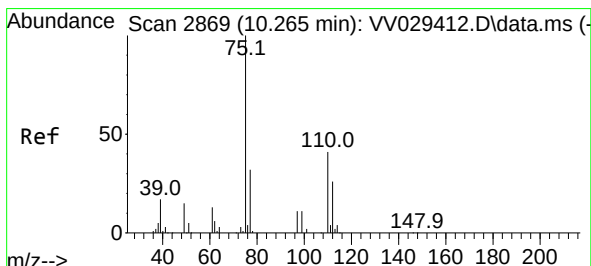
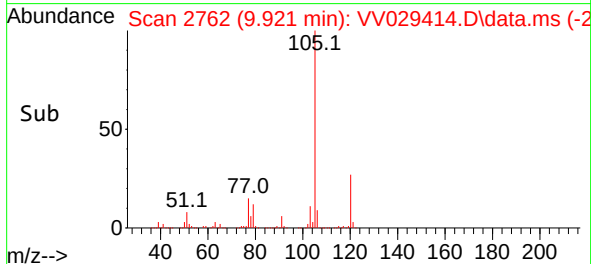
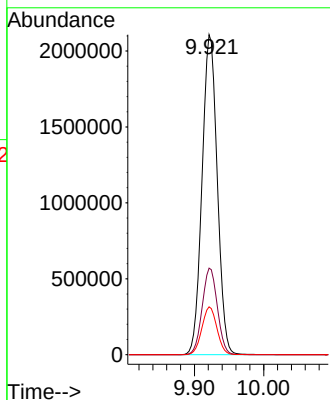
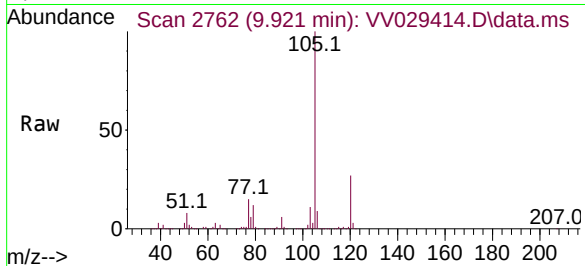




#60
Isopropylbenzene
Concen: 199.663 ug/L
RT: 9.921 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029414.D
Acq: 07 Dec 2022 13:10

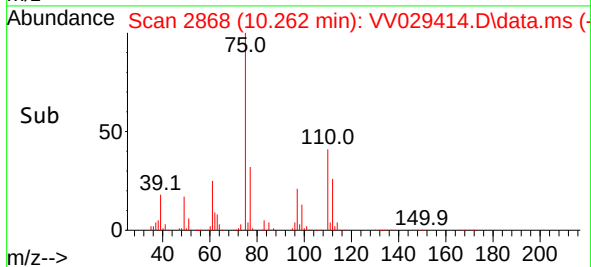
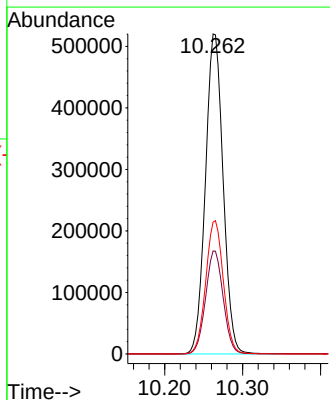
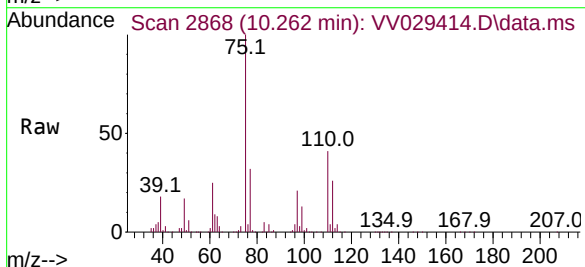
Instrument :
MSVOA_V
ClientSampleId :
VSTD200280

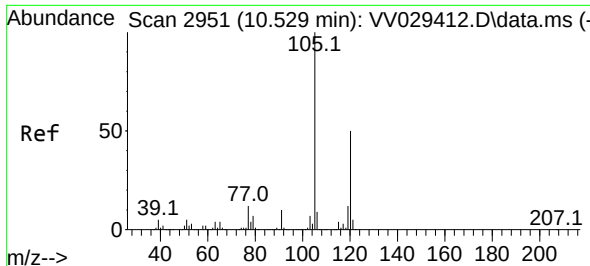
Tgt Ion:105 Resp: 3202456
Ion Ratio Lower Upper
105 100
120 27.0 21.1 31.7
77 14.8 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 181.907 ug/L
RT: 10.262 min Scan# 2868
Delta R.T. -0.003 min
Lab File: VV029414.D
Acq: 07 Dec 2022 13:10

Tgt Ion: 75 Resp: 820478
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2
110 41.5 32.7 49.1

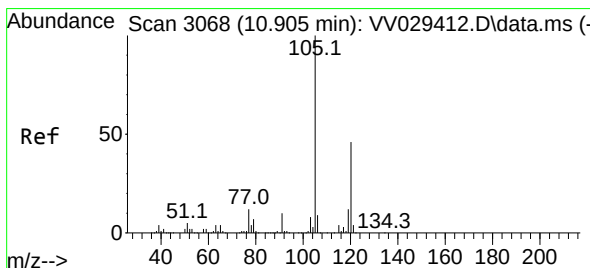
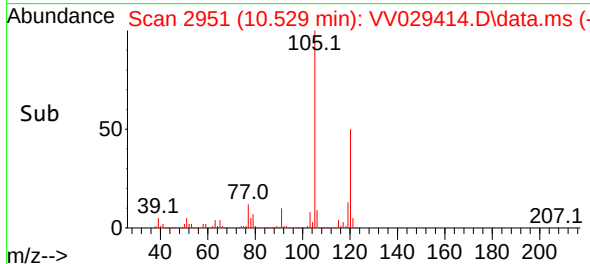
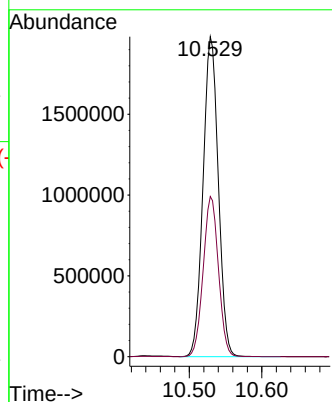
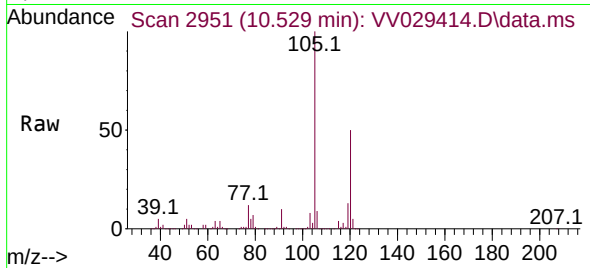




#62
 1,3,5-Trimethylbenzene
 Concen: 211.698 ug/L
 RT: 10.529 min Scan# 2951
 Delta R.T. 0.000 min
 Lab File: VV029414.D
 Acq: 07 Dec 2022 13:10

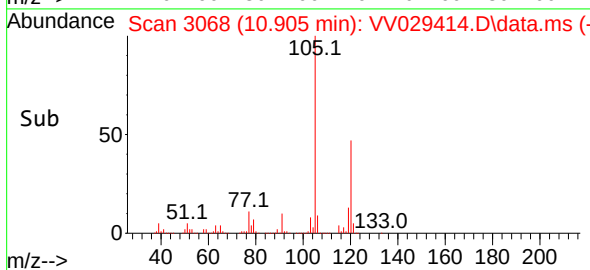
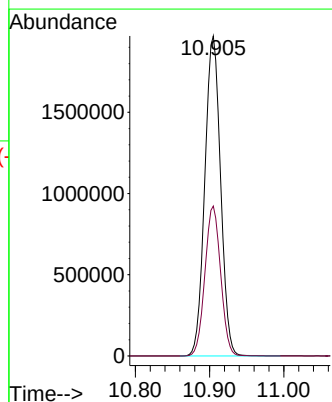
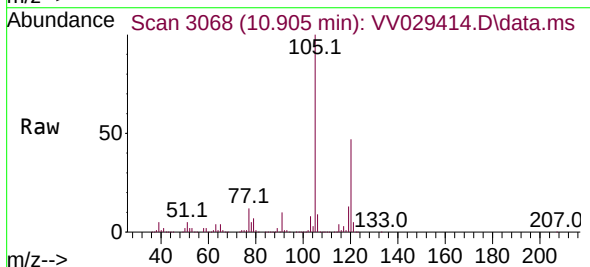
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200280

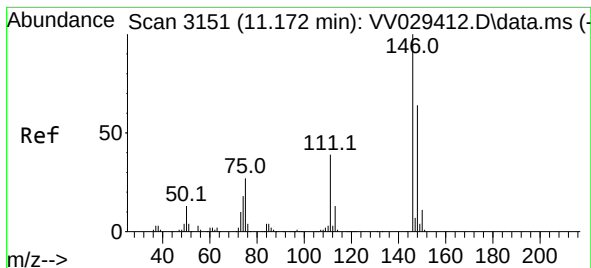
Tgt Ion:105 Resp: 2891785
 Ion Ratio Lower Upper
 105 100
 120 50.0 40.0 60.0



#63
 1,2,4-Trimethylbenzene
 Concen: 208.977 ug/L
 RT: 10.905 min Scan# 3068
 Delta R.T. 0.000 min
 Lab File: VV029414.D
 Acq: 07 Dec 2022 13:10

Tgt Ion:105 Resp: 2896471
 Ion Ratio Lower Upper
 105 100
 120 46.7 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 208.598 ug/L

RT: 11.169 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VV029414.D

Acq: 07 Dec 2022 13:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD200280

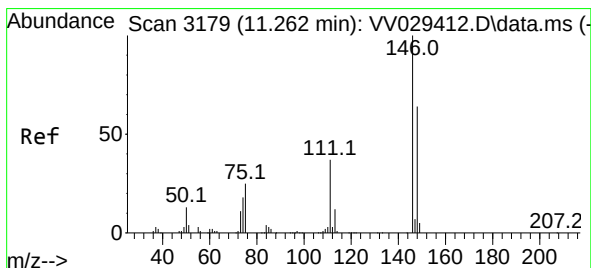
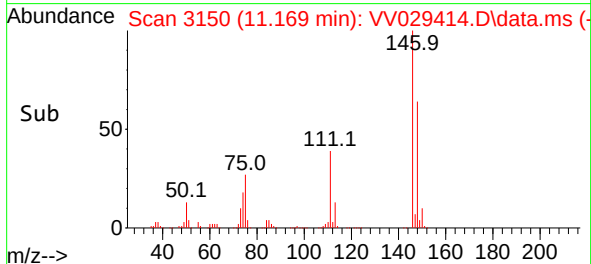
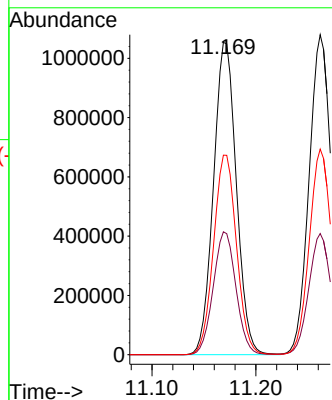
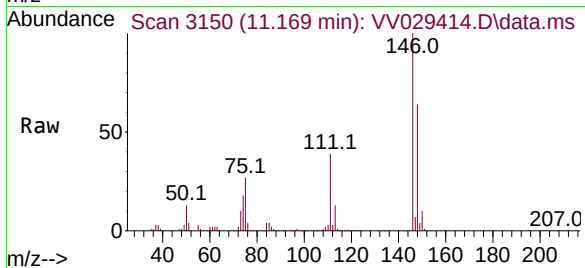
Tgt Ion:146 Resp: 1610309

Ion Ratio Lower Upper

146 100

111 39.3 27.4 51.0

148 63.9 44.6 82.8



#65

1,4-Dichlorobenzene

Concen: 209.843 ug/L

RT: 11.262 min Scan# 3179

Delta R.T. 0.000 min

Lab File: VV029414.D

Acq: 07 Dec 2022 13:10

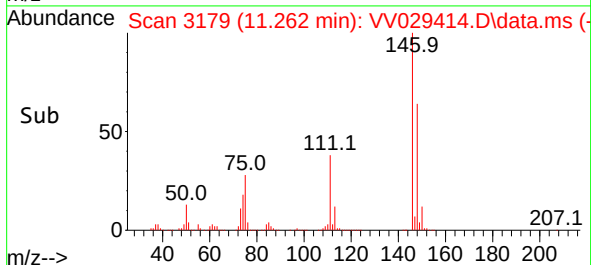
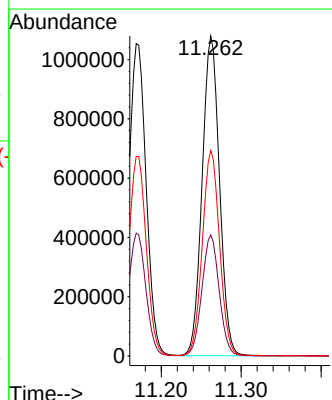
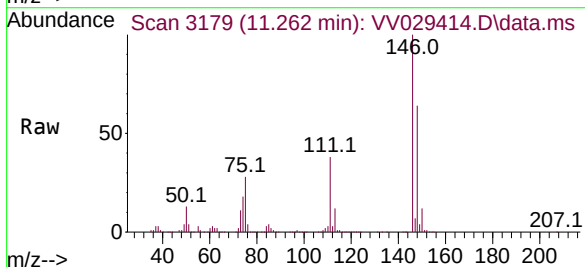
Tgt Ion:146 Resp: 1630512

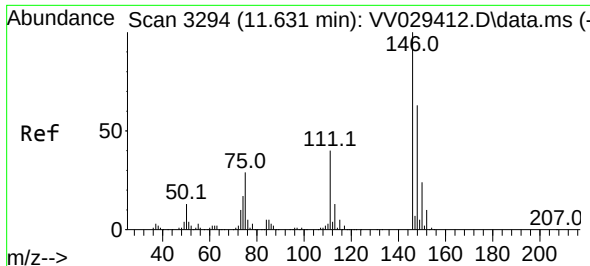
Ion Ratio Lower Upper

146 100

111 37.8 26.2 48.8

148 64.2 44.7 83.1

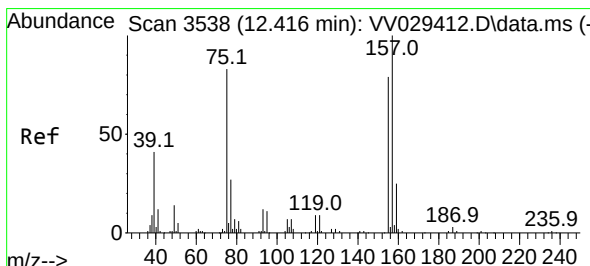
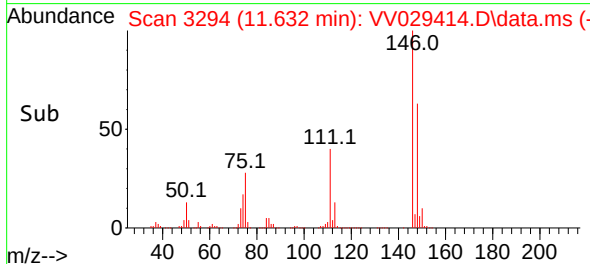
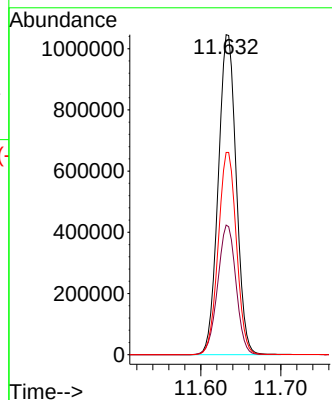
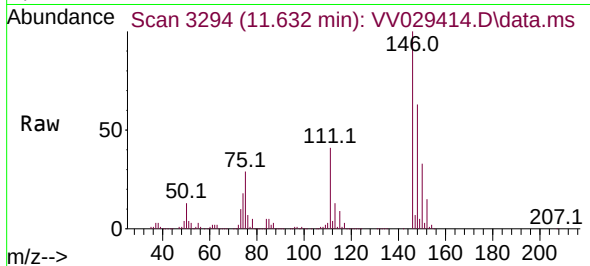




#67
1,2-Dichlorobenzene
Concen: 206.722 ug/L
RT: 11.632 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV029414.D
Acq: 07 Dec 2022 13:10

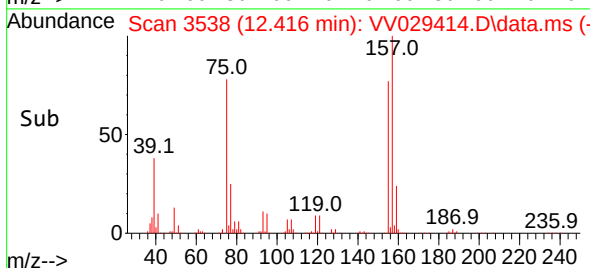
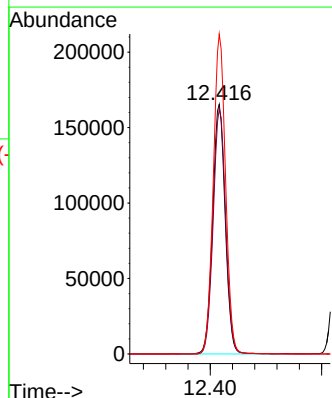
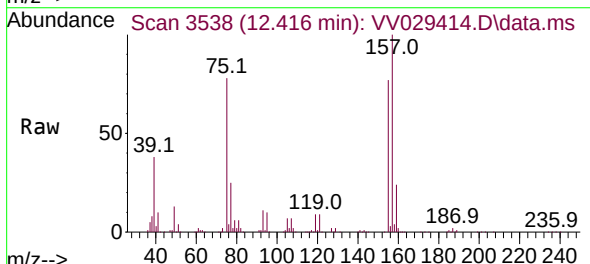
Instrument :
MSVOA_V
ClientSampleId :
VSTD200280

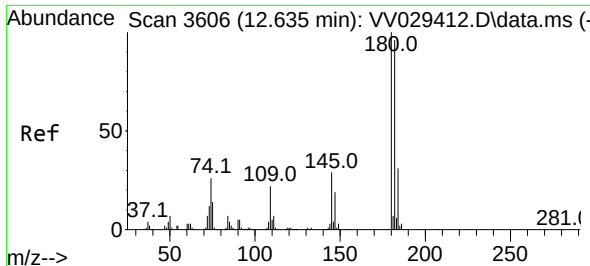
Tgt Ion:146 Resp: 1628615
Ion Ratio Lower Upper
146 100
111 40.5 32.0 48.0
148 63.2 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 213.811 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. 0.000 min
Lab File: VV029414.D
Acq: 07 Dec 2022 13:10

Tgt Ion: 75 Resp: 259400
Ion Ratio Lower Upper
75 100
155 98.2 76.2 114.2
157 128.2 96.0 144.0



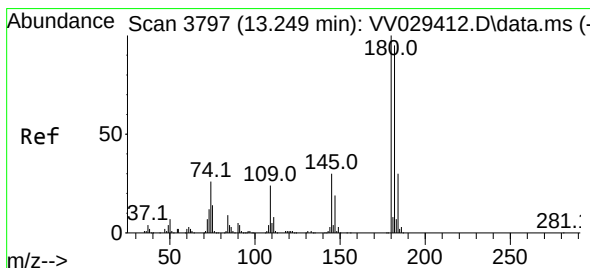
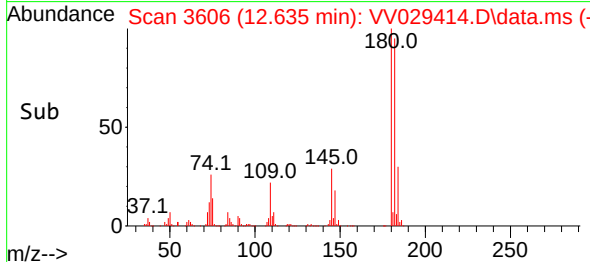
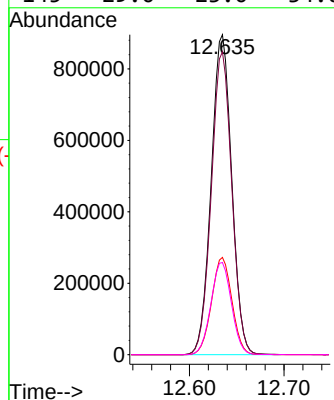
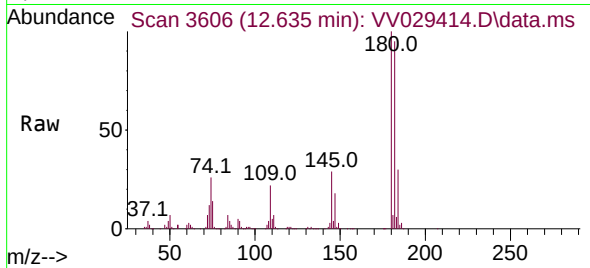


#69
 1,3,5-Trichlorobenzene
 Concen: 231.654 ug/L
 RT: 12.635 min Scan# 3606
 Delta R.T. 0.000 min
 Lab File: VV029414.D
 Acq: 07 Dec 2022 13:10

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200280

Tgt Ion:180 Resp: 1348164

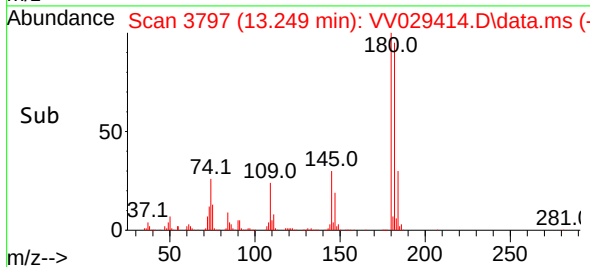
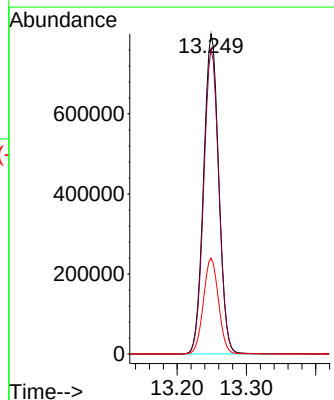
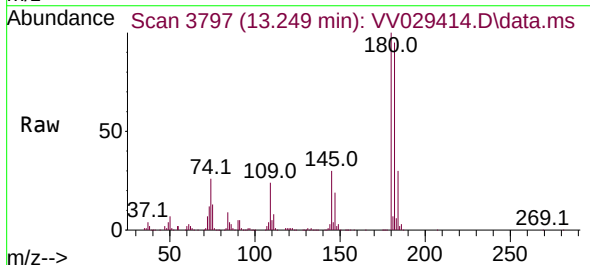
Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.5	114.7
184	30.3	24.6	36.8
145	29.0	23.0	34.6

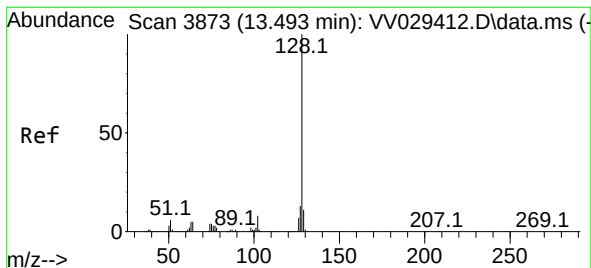


#70
 1,2,4-trichlorobenzene
 Concen: 245.818 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. 0.000 min
 Lab File: VV029414.D
 Acq: 07 Dec 2022 13:10

Tgt Ion:180 Resp: 1215120

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.3	114.5
145	29.8	23.7	35.5





#71

Naphthalene

Concen: 229.333 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. 0.000 min

Lab File: VV029414.D

Acq: 07 Dec 2022 13:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD200280

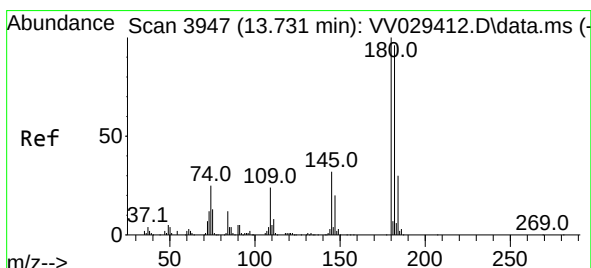
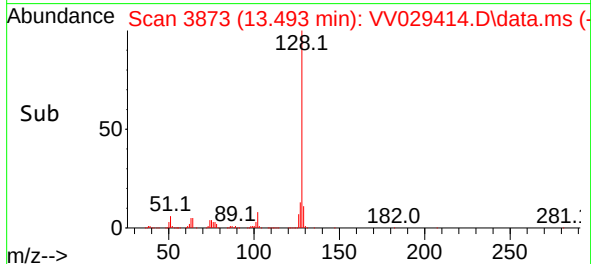
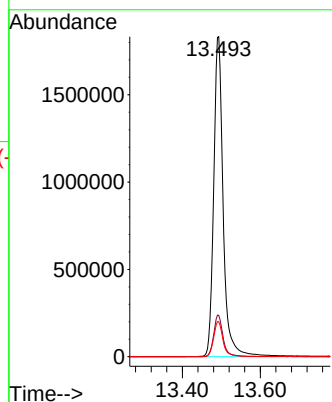
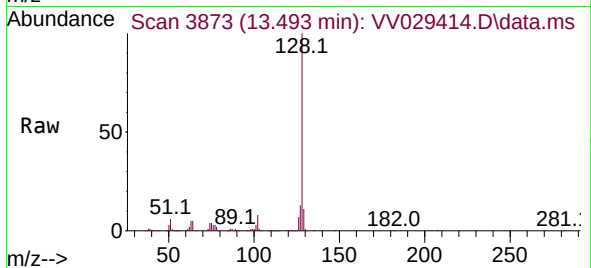
Tgt Ion:128 Resp: 3094125

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.9 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 236.975 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. 0.000 min

Lab File: VV029414.D

Acq: 07 Dec 2022 13:10

Tgt Ion:180 Resp: 1161231

Ion Ratio Lower Upper

180 100

182 95.0 76.4 114.6

145 31.5 25.0 37.6

