

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033272.D
 Acq On : 13 Dec 2023 11:31
 Operator : SY/MD
 Sample : VSTD010
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010219

Quant Time: Dec 13 23:01:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 22:59:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	153308	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	147651	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	86467	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	99416	8.008	ug/L	0.00
7) Chloroethane-d5	1.535	69	70947	6.113	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	39070	7.115	ug/L	0.00
20) 2-Butanone-d5	3.822	46	132009	80.121	ug/L	-0.02
24) Chloroform-d	4.249	84	210681	9.473	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.940	65	93818	9.512	ug/L	0.00
32) Benzene-d6	4.960	84	404245	10.454	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	91351	8.655	ug/L	0.00
41) Toluene-d8	7.243	98	403835	10.961	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.555	79	43492	10.197	ug/L	0.00
46) 2-Hexanone-d5	8.024	63	131270	92.989	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.152	84	63624	8.254	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	156671	10.299	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	180577	10.267	ug/L	98
3) Chloromethane	1.217	50	99017	6.374	ug/L	98
5) Vinyl chloride	1.285	62	102959	6.860	ug/L	99
6) Bromomethane	1.490	94	68987	6.478	ug/L	98
8) Chloroethane	1.552	64	55969	5.140	ug/L	100
9) Trichlorofluoromethane	1.716	101	190533	7.888	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	87799	6.653	ug/L	99
12) 1,1-Dichloroethene	2.072	96	83840	6.833	ug/L	95
13) Acetone	2.153	43	65820	43.728	ug/L #	54
14) Carbon disulfide	2.243	76	268044	7.411	ug/L	100
15) Methyl Acetate	2.384	43	15873	4.759	ug/L #	83
16) Methylene chloride	2.449	84	89891	6.084	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	183673	8.606	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	101334	8.374	ug/L	96
19) 1,1-Dichloroethane	3.114	63	158553	7.541	ug/L	97
21) 2-Butanone	3.899	43	117430	62.923	ug/L	94
22) cis-1,2-Dichloroethene	3.815	96	106959	8.521	ug/L	95
23) Bromochloromethane	4.150	128	47439	8.356	ug/L	96
25) Chloroform	4.278	83	191278	8.121	ug/L	96
27) 1,2-Dichloroethane	5.043	62	107079	8.481	ug/L	97
29) 1,1,1-Trichloroethane	4.513	97	196730	9.524	ug/L	98
30) Cyclohexane	4.584	56	127799	8.996	ug/L	98
31) Carbon tetrachloride	4.735	117	187408	10.325	ug/L	98
33) Benzene	5.008	78	388978	9.059	ug/L	100
34) Trichloroethene	5.831	95	112857	9.357	ug/L	97
35) Methylcyclohexane	6.050	83	167851	10.252	ug/L	99
37) 1,2-Dichloropropane	6.095	63	77033	7.520	ug/L	99
38) Bromodichloromethane	6.432	83	124842	8.469	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	135714	9.197	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	304952	76.317	ug/L	99
42) Toluene	7.313	91	459037	9.637	ug/L	97
44) trans-1,3-Dichloropropene	7.580	75	113511	9.504	ug/L	99

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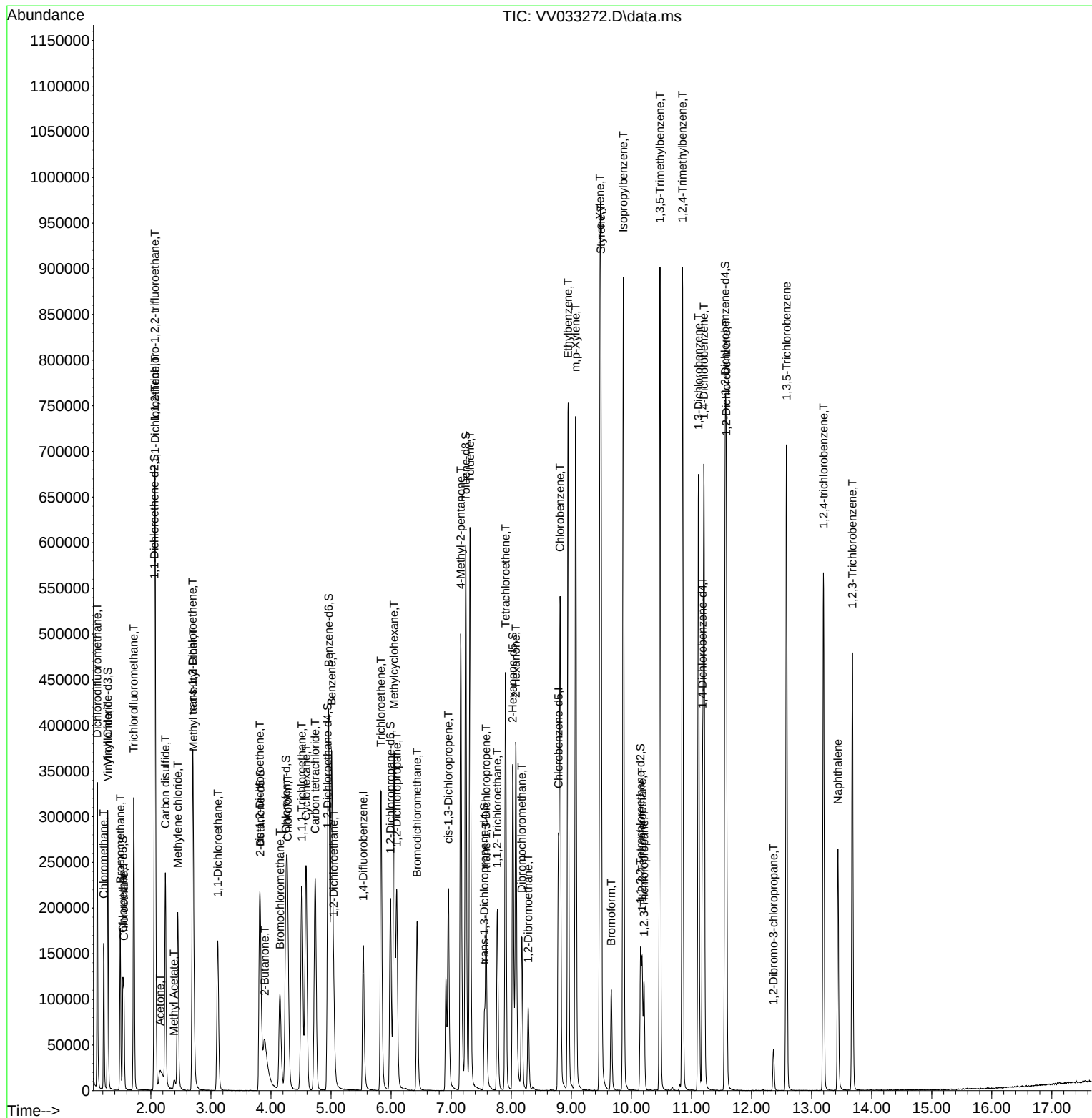
45) 1,1,2-Trichloroethane	7.767	97	61584	8.176	ug/L	97
47) Tetrachloroethene	7.905	164	105054	10.075	ug/L	98
48) 2-Hexanone	8.075	43	225572	75.562	ug/L	98
49) Dibromochloromethane	8.175	129	85514	9.135	ug/L	98
50) 1,2-Dibromoethane	8.281	107	59439	8.270	ug/L #	100
51) Chlorobenzene	8.812	112	304851	9.492	ug/L	99
52) Ethylbenzene	8.947	91	526180	10.456	ug/L	99
53) m,p-Xylene	9.072	106	214069	10.787	ug/L	99
54) o-Xylene	9.477	106	205632	10.982	ug/L	95
55) Styrene	9.493	104	344526	10.759	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	60138	7.312	ug/L	97
59) Bromoform	9.664	173	52358	9.478	ug/L	99
60) Isopropylbenzene	9.866	105	569684	10.388	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	44506	7.397	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	476473	10.911	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	481839	11.019	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	284913	9.808	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	280617	9.494	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	244718	9.556	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	10926	7.388	ug/L	89
69) 1,3,5-Trichlorobenzene	12.583	180	228696	10.384	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	179532	10.095	ug/L	97
71) Naphthalene	13.439	128	219389	9.303	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	150550	9.982	ug/L	96

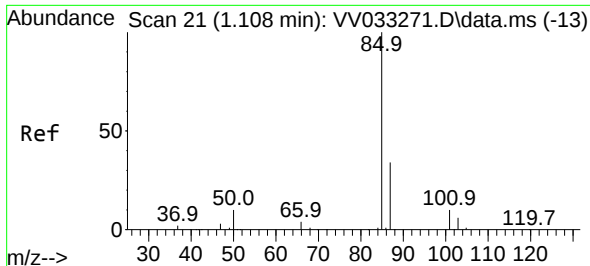
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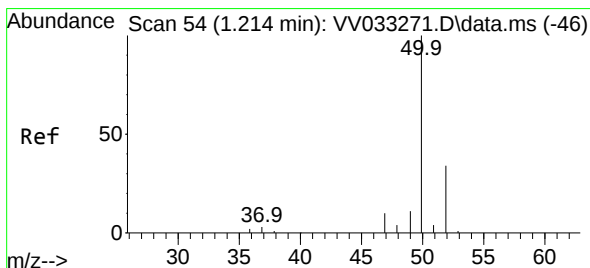
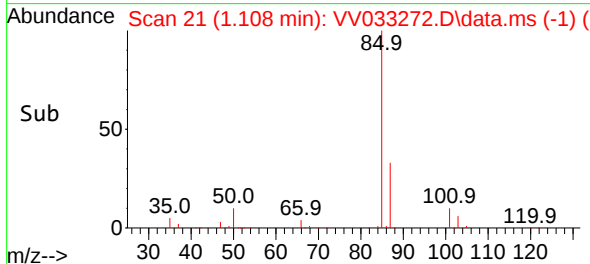
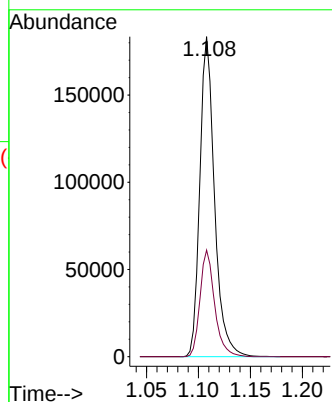
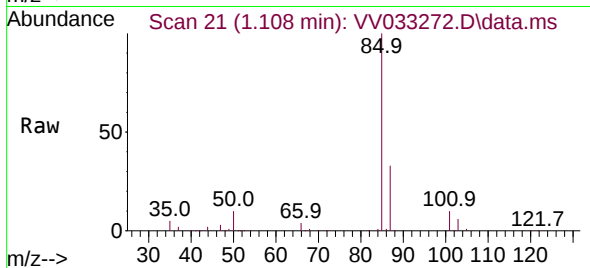




#2
 Dichlorodifluoromethane
 Concen: 10.267 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV033272.D
 Acq: 13 Dec 2023 11:31

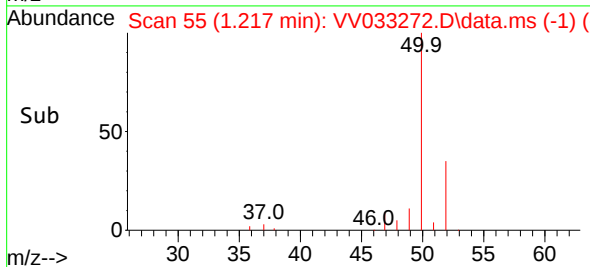
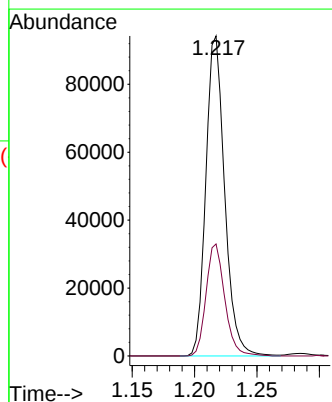
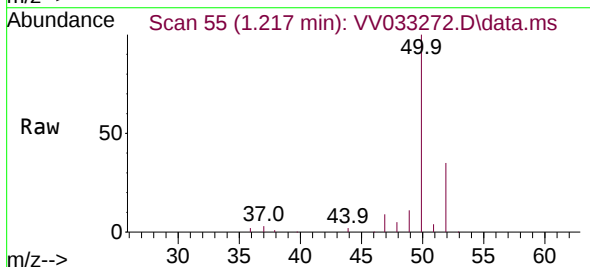
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010219

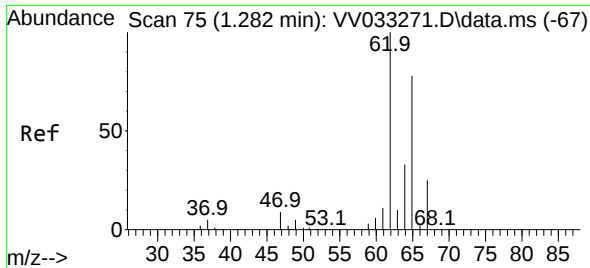
Tgt Ion: 85 Resp: 180577
 Ion Ratio Lower Upper
 85 100
 87 33.1 27.4 41.2



#3
 Chloromethane
 Concen: 6.374 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.003 min
 Lab File: VV033272.D
 Acq: 13 Dec 2023 11:31

Tgt Ion: 50 Resp: 99017
 Ion Ratio Lower Upper
 50 100
 52 35.0 23.8 44.2

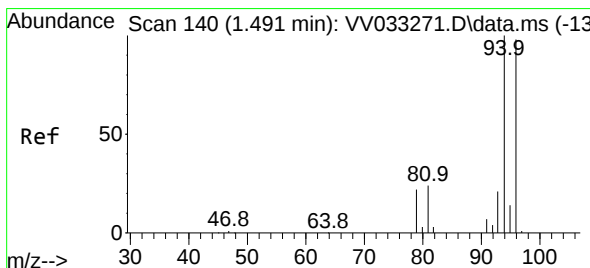
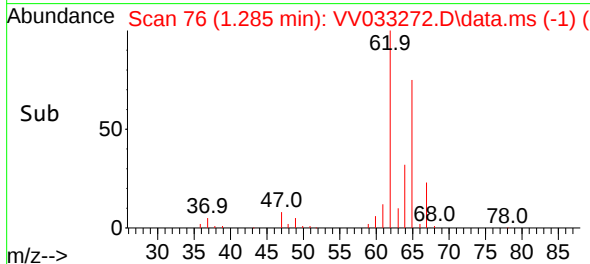
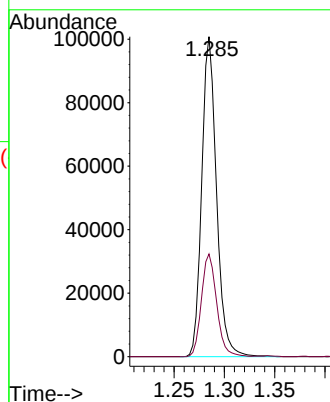
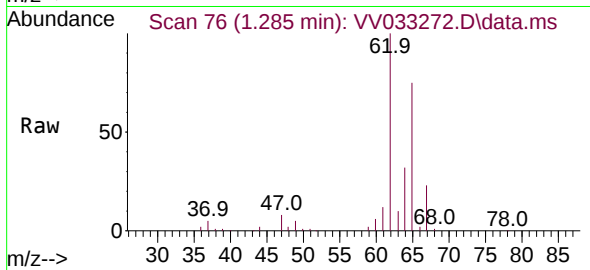




#5
 Vinyl chloride
 Concen: 6.860 ug/L
 RT: 1.285 min Scan# 75
 Delta R.T. 0.003 min
 Lab File: VV033272.D
 Acq: 13 Dec 2023 11:31

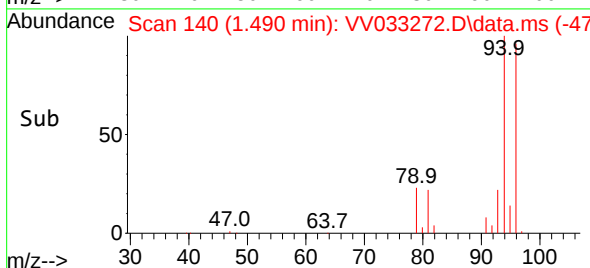
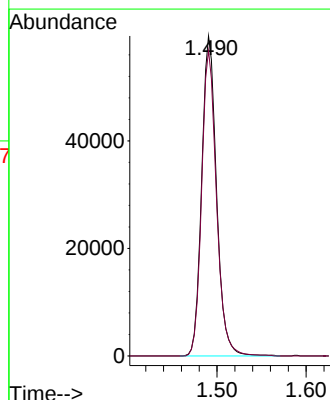
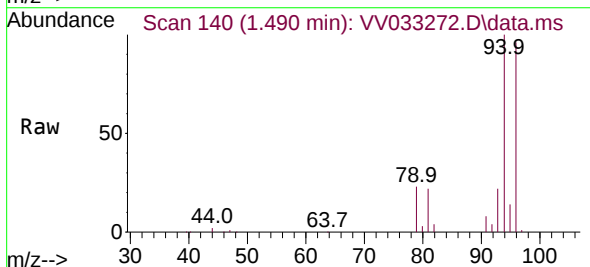
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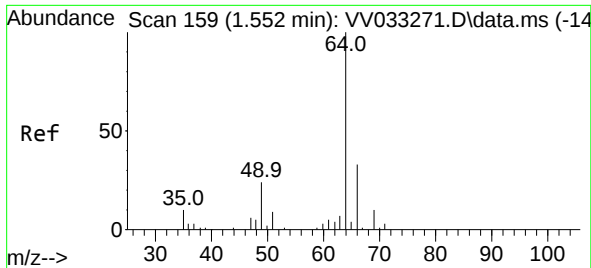
Tgt Ion: 62 Resp: 102959
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.0 42.8



#6
 Bromomethane
 Concen: 6.478 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV033272.D
 Acq: 13 Dec 2023 11:31

Tgt Ion: 94 Resp: 68987
 Ion Ratio Lower Upper
 94 100
 96 95.5 68.3 126.8

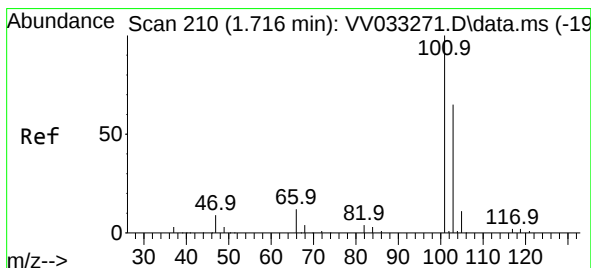
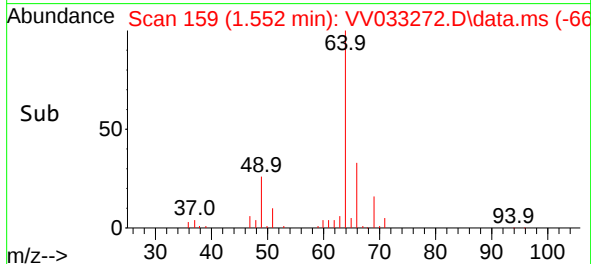
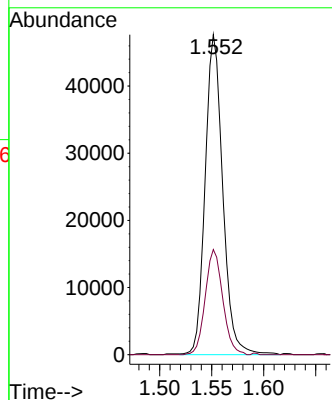
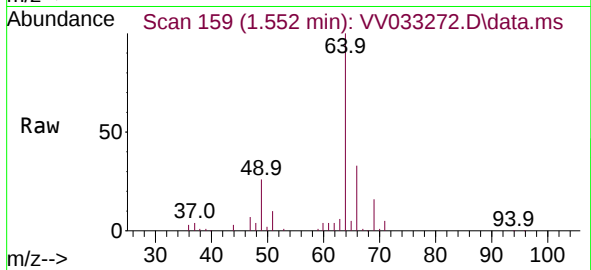




#8
Chloroethane
Concen: 5.140 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV033272.D
Acq: 13 Dec 2023 11:31

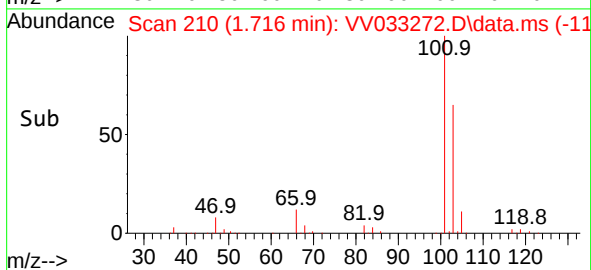
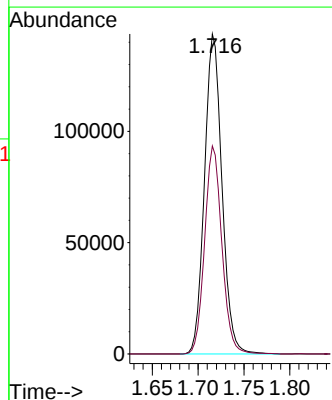
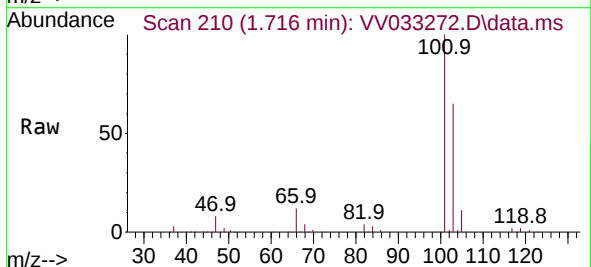
Instrument :
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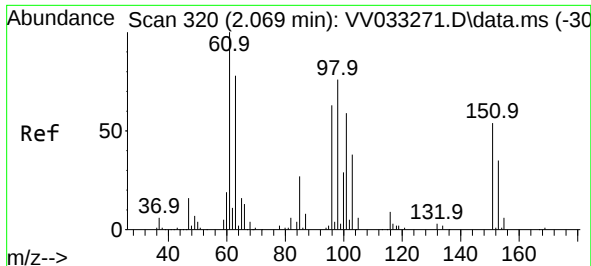
Tgt Ion: 64 Resp: 55969
Ion Ratio Lower Upper
64 100
66 32.8 22.9 42.5



#9
Trichlorofluoromethane
Concen: 7.888 ug/L
RT: 1.716 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV033272.D
Acq: 13 Dec 2023 11:31

Tgt Ion:101 Resp: 190533
Ion Ratio Lower Upper
101 100
103 64.0 51.8 77.8





#10

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

Concen: 6.653 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033272.D

Acq: 13 Dec 2023 11:31

Instrument :

MSVOA_V

ClientSampleId :

VSTD010219

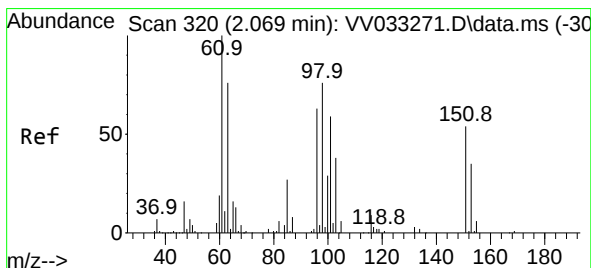
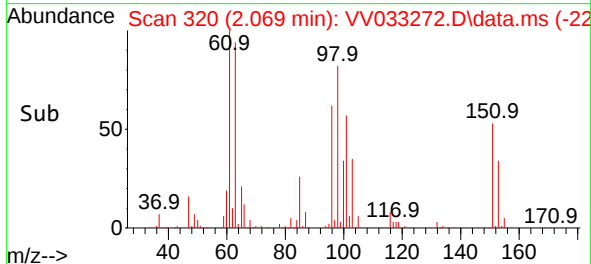
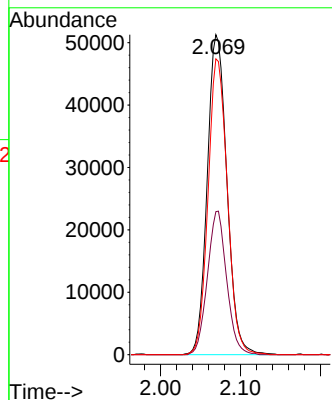
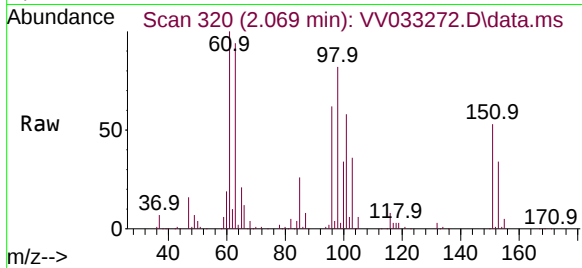
Tgt Ion:101 Resp: 87799

Ion Ratio Lower Upper

101 100

85 43.8 36.2 54.2

151 90.9 72.8 109.2



#12

1,1-Dichloroethene

Concen: 6.833 ug/L

RT: 2.072 min Scan# 321

Delta R.T. 0.003 min

Lab File: VV033272.D

Acq: 13 Dec 2023 11:31

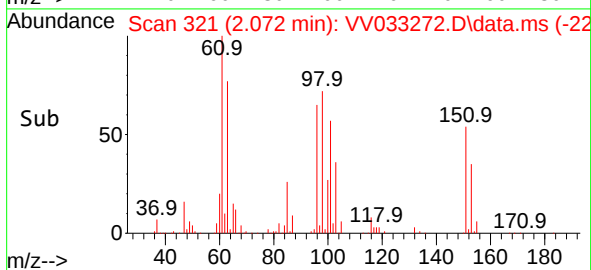
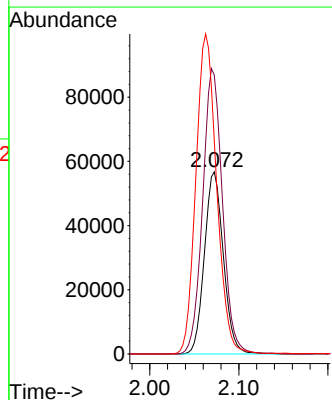
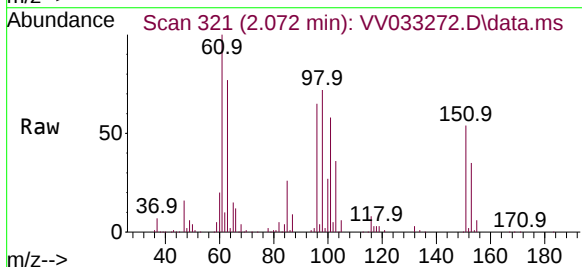
Tgt Ion: 96 Resp: 83840

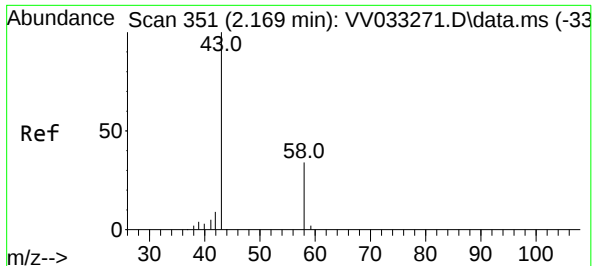
Ion Ratio Lower Upper

96 100

61 153.2 111.6 207.2

63 117.4 87.1 161.7





#13

Acetone

Concen: 43.728 ug/L

RT: 2.153 min Scan# 34

Delta R.T. -0.016 min

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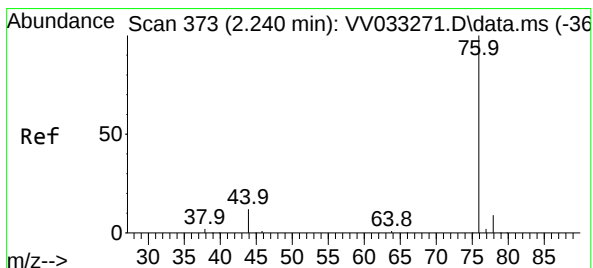
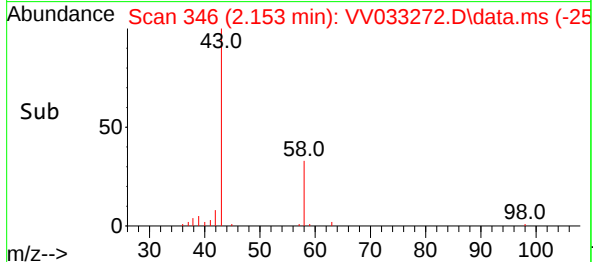
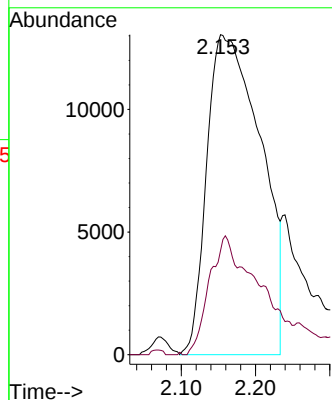
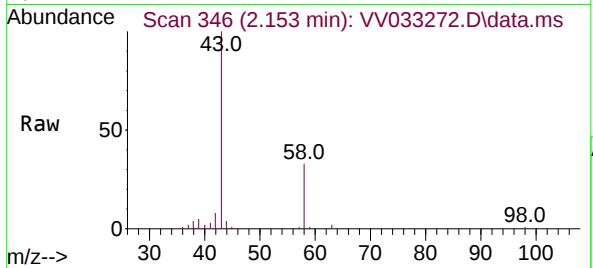
VSTD010219

Tgt Ion: 43 Resp: 65820

Ion Ratio Lower Upper

43 100

58 34.2 0.0 30.2#



#14

Carbon disulfide

Concen: 7.411 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV033272.D

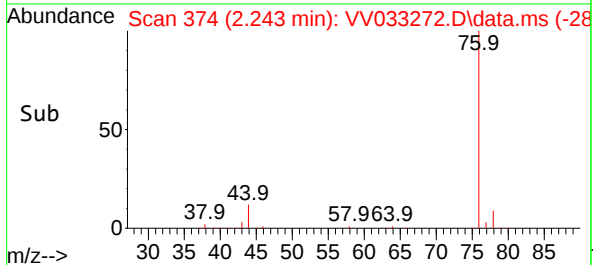
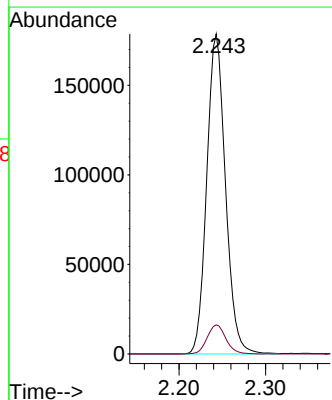
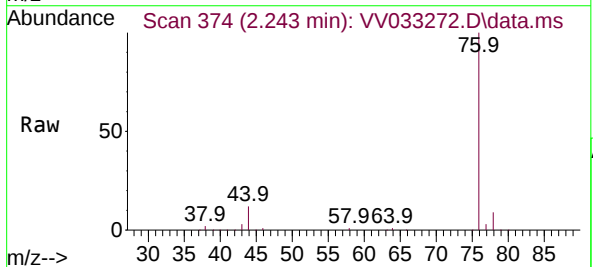
Acq: 13 Dec 2023 11:31

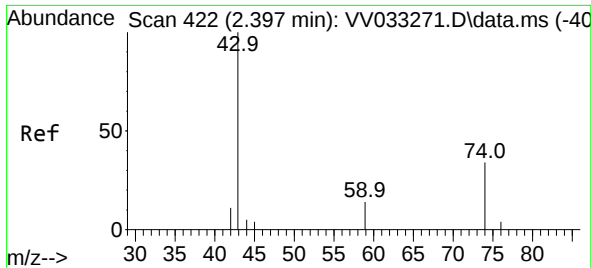
Tgt Ion: 76 Resp: 268044

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

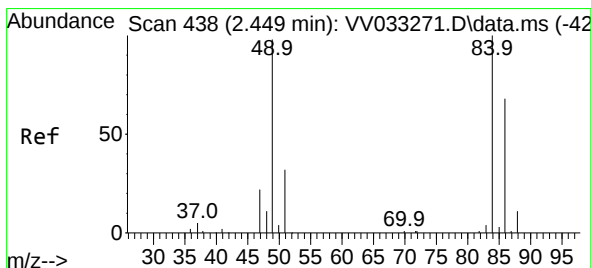
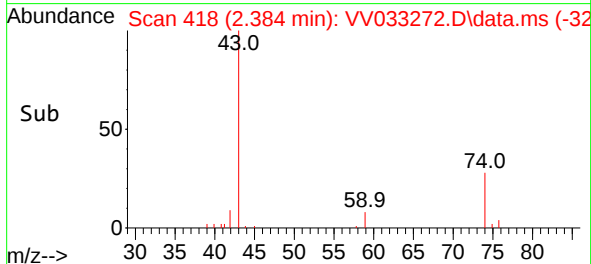
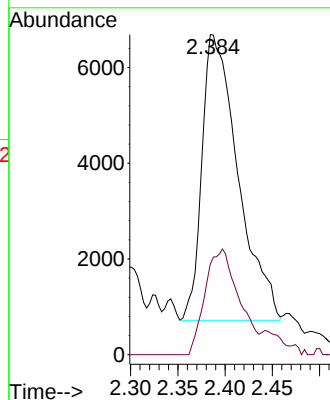
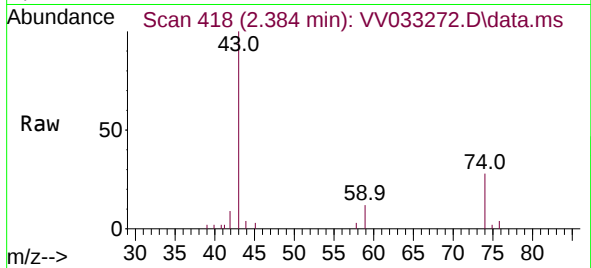




#15
Methyl Acetate
Concen: 4.759 ug/L
RT: 2.384 min Scan# 418
Delta R.T. -0.013 min
Lab File: VV033272.D
Acq: 13 Dec 2023 11:31

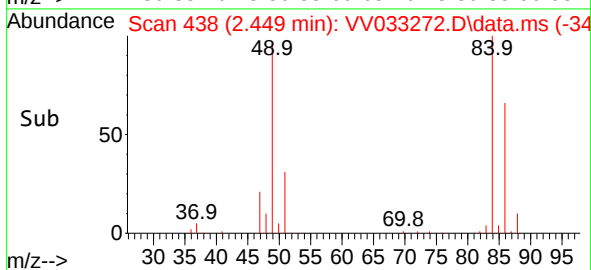
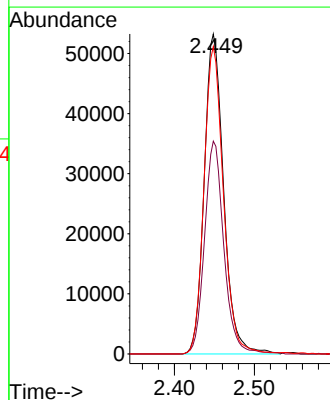
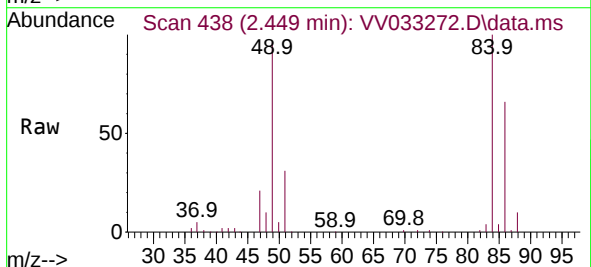
Instrument :
MSVOA_V
ClientSampleId :
VSTD010219

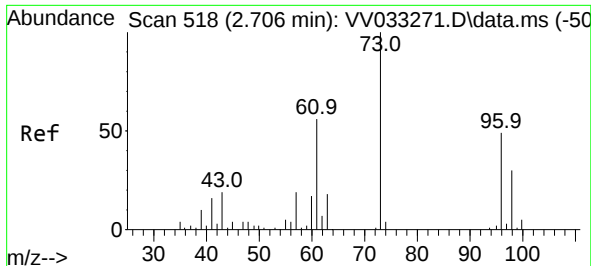
Tgt Ion: 43 Resp: 15873
Ion Ratio Lower Upper
43 100
74 34.8 21.0 31.6#



#16
Methylene chloride
Concen: 6.084 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV033272.D
Acq: 13 Dec 2023 11:31

Tgt Ion: 84 Resp: 89891
Ion Ratio Lower Upper
84 100
86 66.5 47.5 88.1
49 96.1 68.9 127.9





#17

Methyl tert-butyl Ether

Concen: 8.606 ug/L

RT: 2.706 min Scan# 518

Delta R.T. -0.000 min

Lab File: VV033272.D

Acq: 13 Dec 2023 11:31

Instrument :

MSVOA_V

ClientSampleId :

VSTD010219

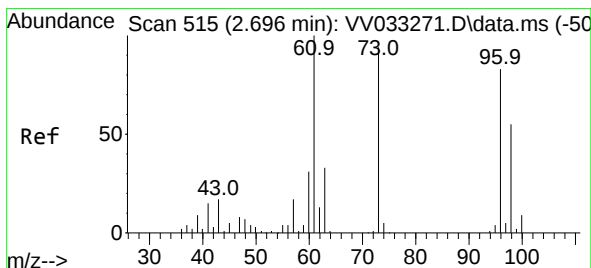
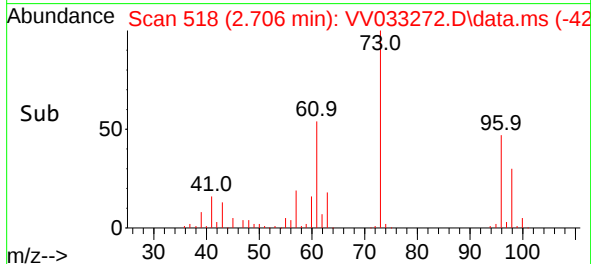
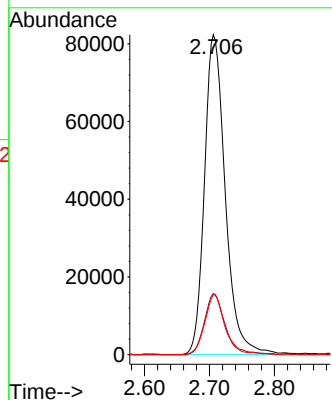
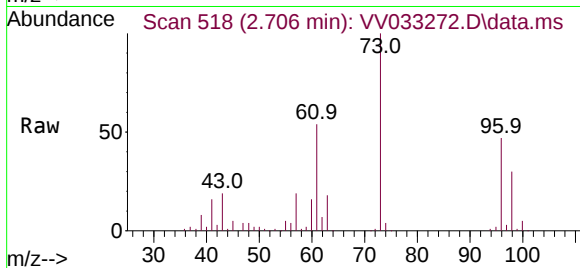
Tgt Ion: 73 Resp: 183673

Ion Ratio Lower Upper

73 100

43 19.0 16.0 24.0

57 18.2 15.6 23.4



#18

trans-1,2-Dichloroethene

Concen: 8.374 ug/L

RT: 2.696 min Scan# 515

Delta R.T. -0.000 min

Lab File: VV033272.D

Acq: 13 Dec 2023 11:31

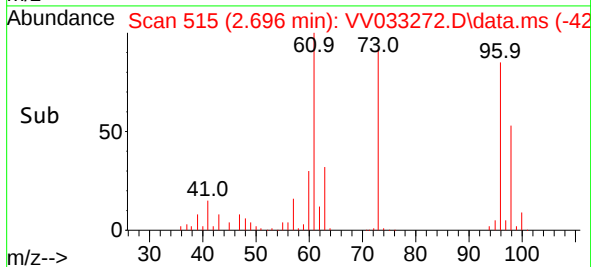
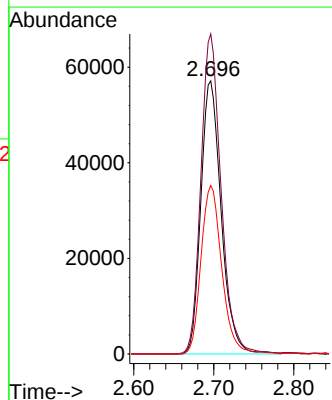
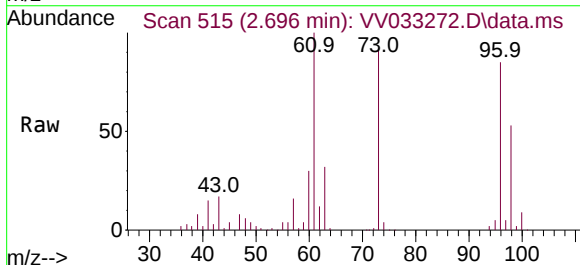
Tgt Ion: 96 Resp: 101334

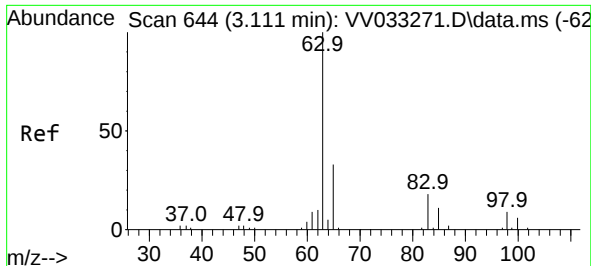
Ion Ratio Lower Upper

96 100

61 117.1 84.6 157.2

98 61.7 46.7 86.7

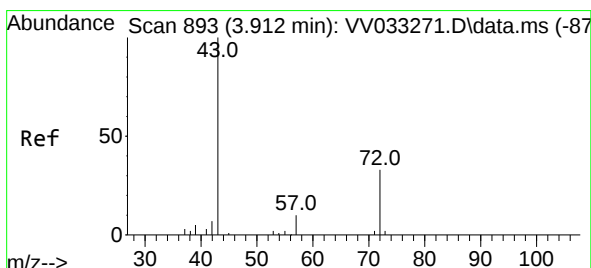
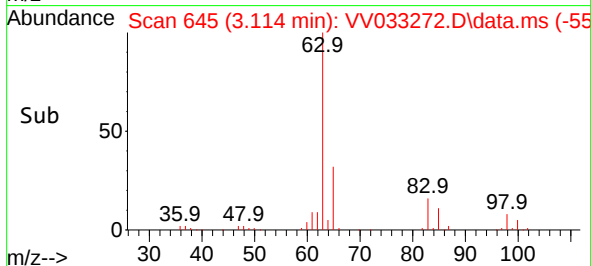
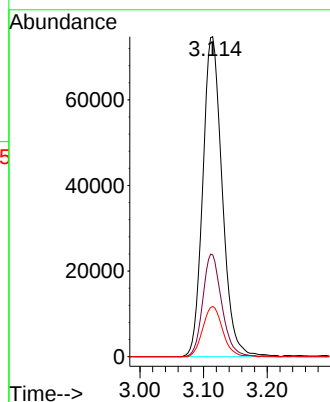
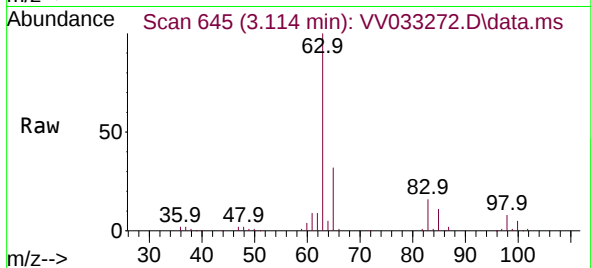




#19
1,1-Dichloroethane
Concen: 7.541 ug/L
RT: 3.114 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV033272.D
Acq: 13 Dec 2023 11:31

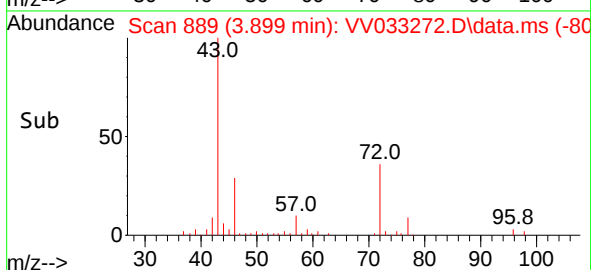
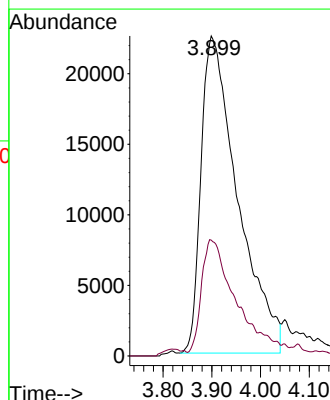
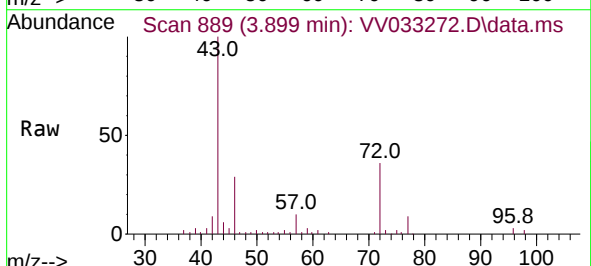
Instrument :
MSVOA_V
ClientSampleId :
VSTD010219

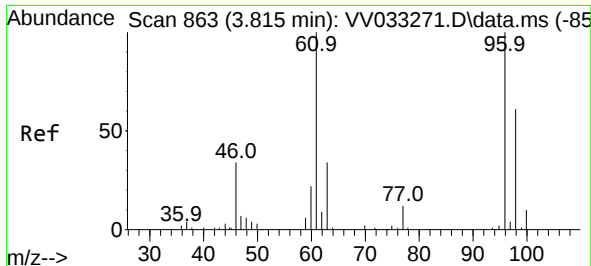
Tgt Ion: 63 Resp: 158553
Ion Ratio Lower Upper
63 100
65 31.9 22.9 42.5
83 15.7 12.6 23.4



#21
2-Butanone
Concen: 62.923 ug/L
RT: 3.899 min Scan# 889
Delta R.T. -0.013 min
Lab File: VV033272.D
Acq: 13 Dec 2023 11:31

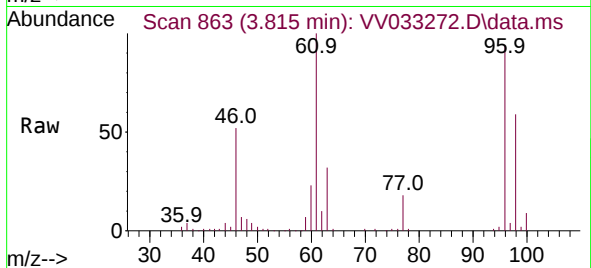
Tgt Ion: 43 Resp: 117430
Ion Ratio Lower Upper
43 100
72 32.8 14.8 44.3



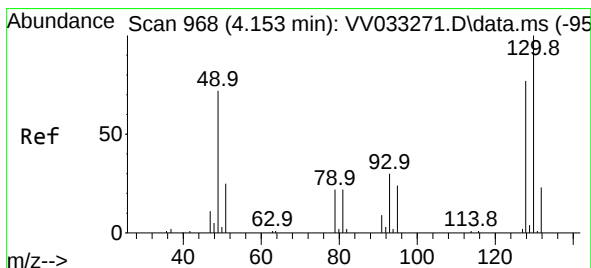
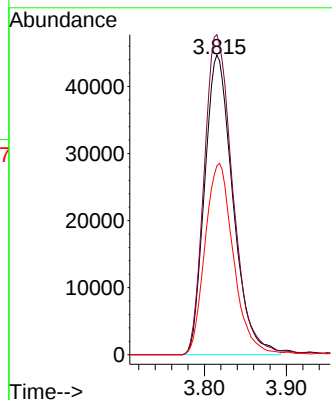
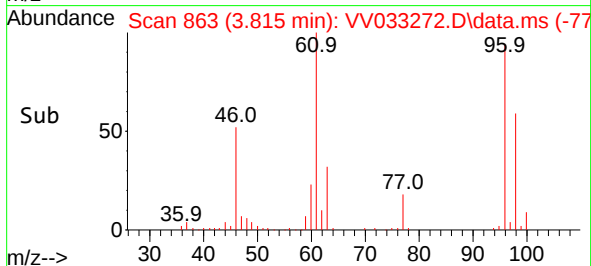


#22
cis-1,2-Dichloroethene
Concen: 8.521 ug/L
RT: 3.815 min Scan# 863
Delta R.T. -0.000 min
Lab File: VV033272.D
Acq: 13 Dec 2023 11:31

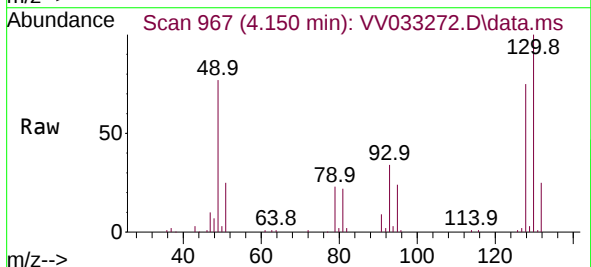
Instrument :
MSVOA_V
ClientSampleId :
VSTD010219



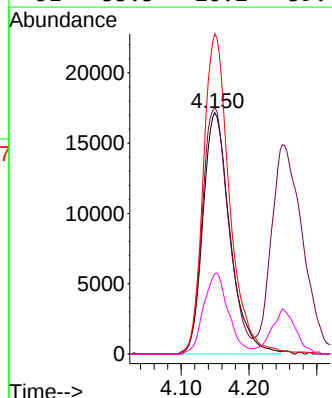
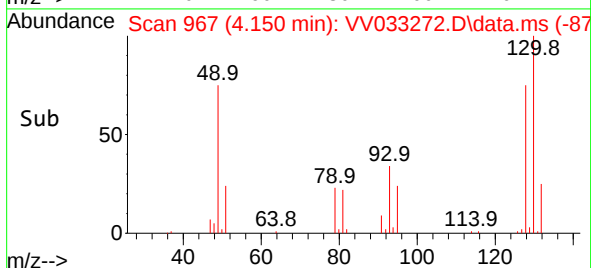
Tgt Ion: 96 Resp: 106959
Ion Ratio Lower Upper
96 100
61 106.8 69.9 129.9
98 63.0 42.4 78.8

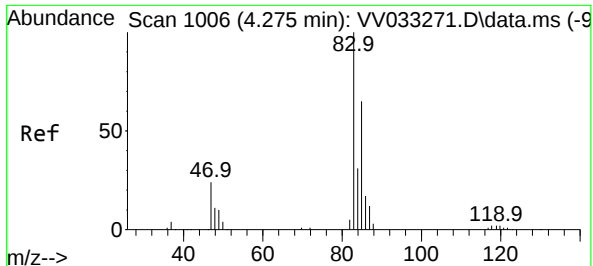


#23
Bromochloromethane
Concen: 8.356 ug/L
RT: 4.150 min Scan# 967
Delta R.T. -0.003 min
Lab File: VV033272.D
Acq: 13 Dec 2023 11:31



Tgt Ion: 128 Resp: 47439
Ion Ratio Lower Upper
128 100
49 102.1 65.8 122.2
130 132.6 91.1 169.3
51 33.3 26.2 39.4





#25

Chloroform

Concen: 8.121 ug/L

RT: 4.278 min Scan# 1006

Delta R.T. 0.003 min

Lab File: VV033272.D

Acq: 13 Dec 2023 11:31

Instrument :

MSVOA_V

ClientSampleId :

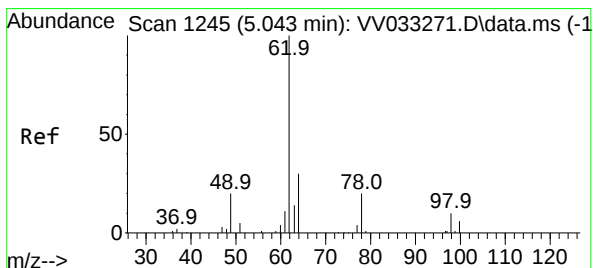
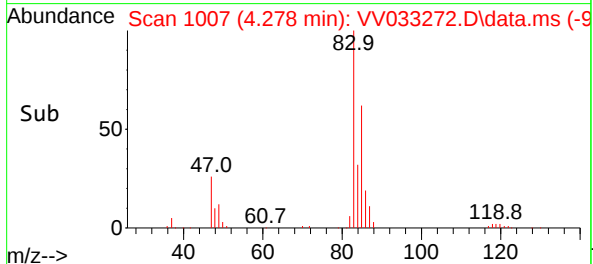
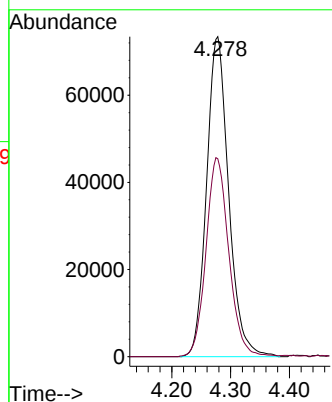
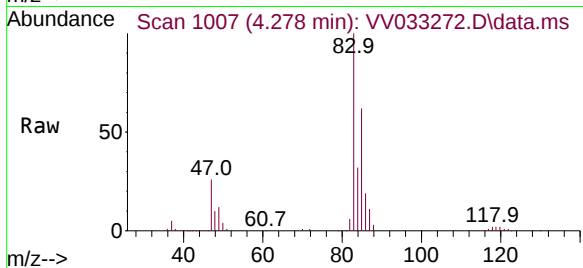
VSTD010219

Tgt Ion: 83 Resp: 191278

Ion Ratio Lower Upper

83 100

85 61.8 45.3 84.1



#27

1,2-Dichloroethane

Concen: 8.481 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.000 min

Lab File: VV033272.D

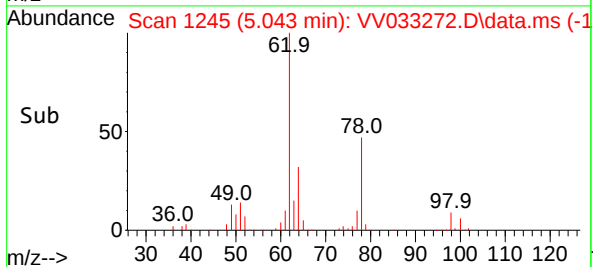
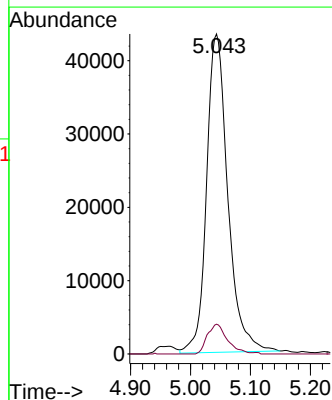
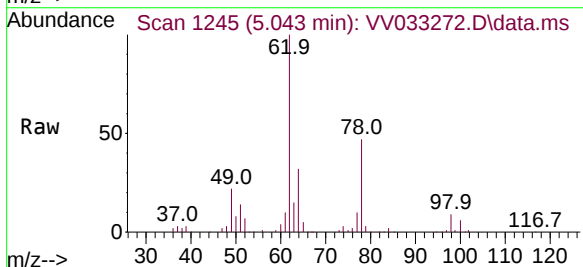
Acq: 13 Dec 2023 11:31

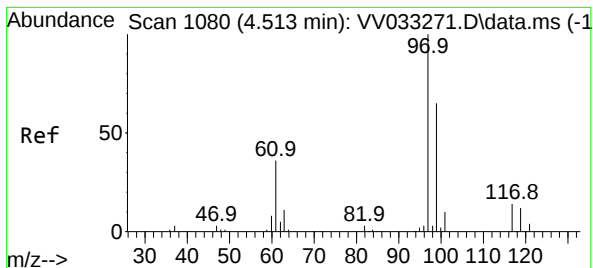
Tgt Ion: 62 Resp: 107079

Ion Ratio Lower Upper

62 100

98 9.3 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 9.524 ug/L

RT: 4.513 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV033272.D

Acq: 13 Dec 2023 11:31

Instrument :

MSVOA_V

ClientSampleId :

VSTD010219

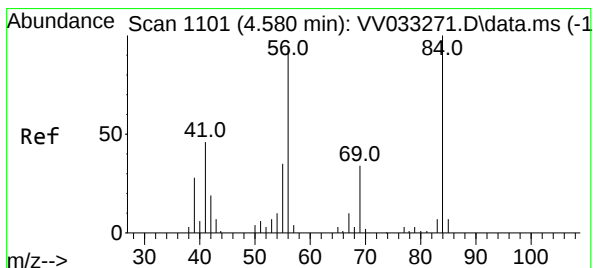
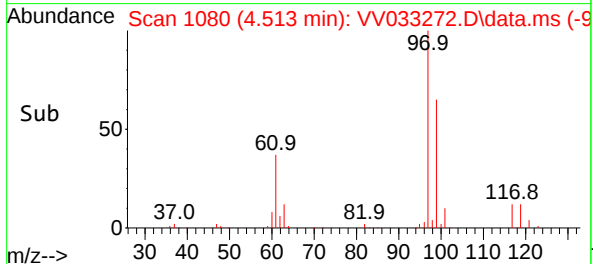
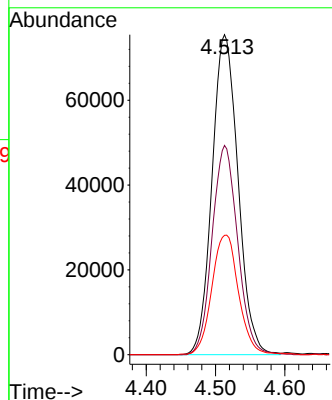
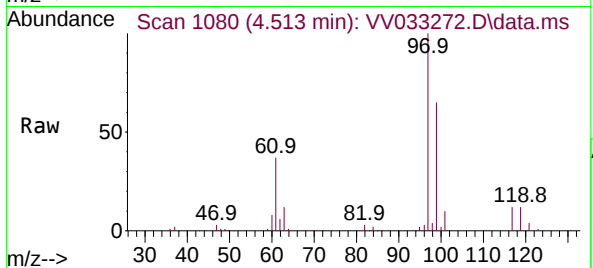
Tgt Ion: 97 Resp: 196730

Ion Ratio Lower Upper

97 100

99 64.4 52.8 79.2

61 38.4 30.3 45.5



#30

Cyclohexane

Concen: 8.996 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.003 min

Lab File: VV033272.D

Acq: 13 Dec 2023 11:31

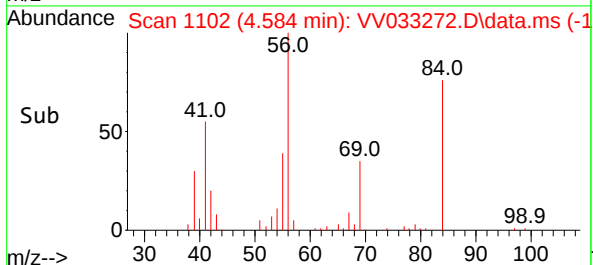
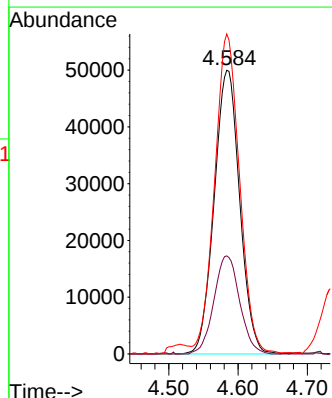
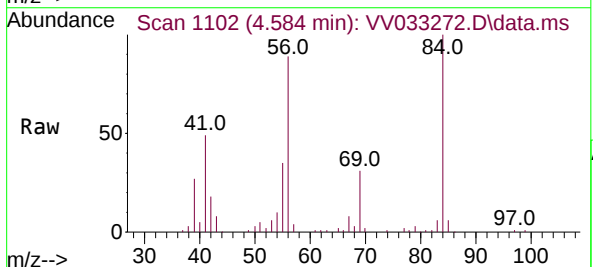
Tgt Ion: 56 Resp: 127799

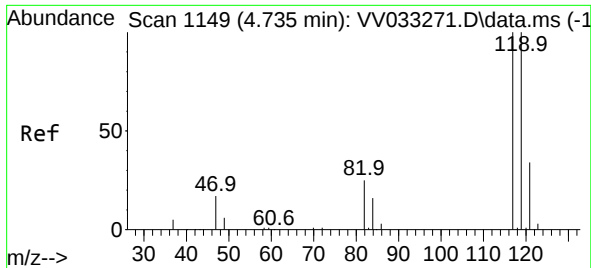
Ion Ratio Lower Upper

56 100

69 34.9 28.8 43.2

84 110.0 86.2 129.4

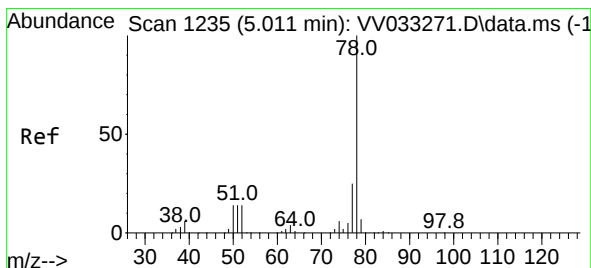
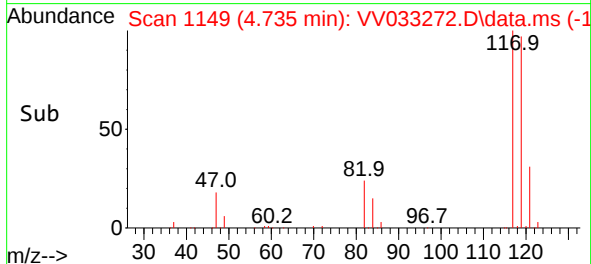
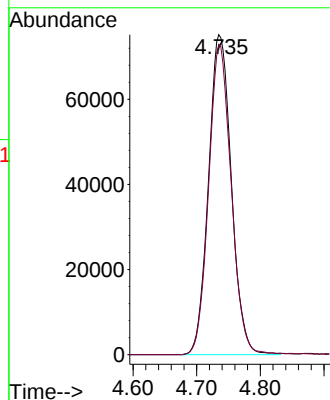
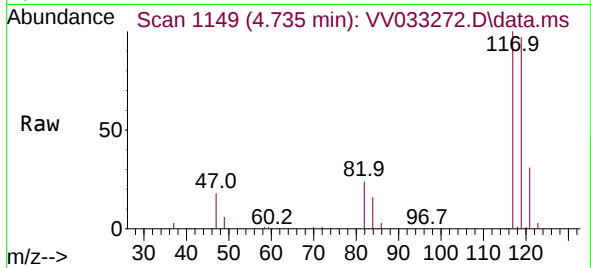




#31
Carbon tetrachloride
Concen: 10.325 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV033272.D
Acq: 13 Dec 2023 11:31

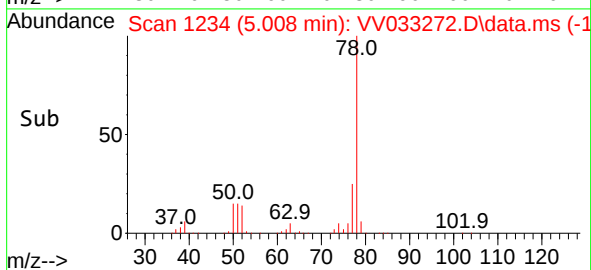
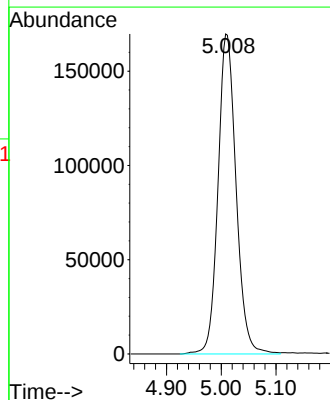
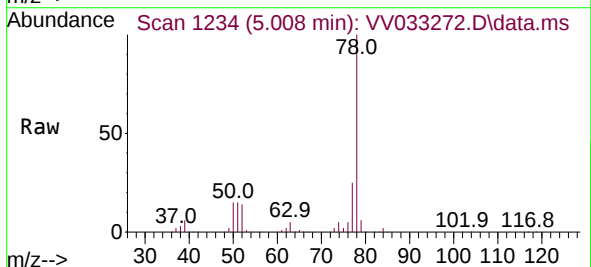
Instrument :
MSVOA_V
ClientSampleId :
VSTD010219

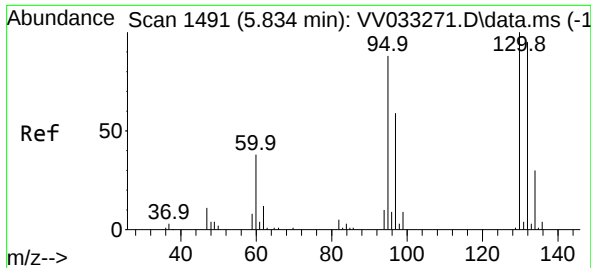
Tgt Ion:117 Resp: 187408
Ion Ratio Lower Upper
117 100
119 95.5 77.8 116.8



#33
Benzene
Concen: 9.059 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.003 min
Lab File: VV033272.D
Acq: 13 Dec 2023 11:31

Tgt Ion: 78 Resp: 388978

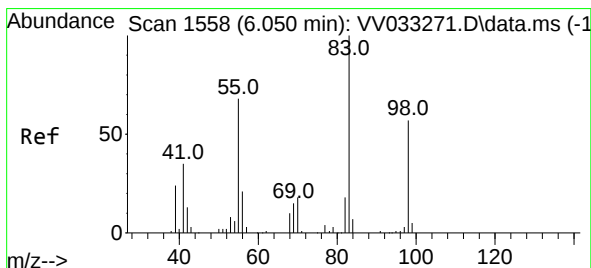
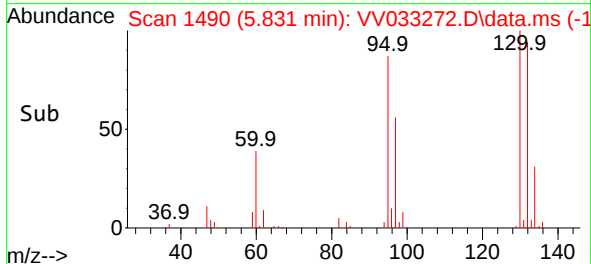
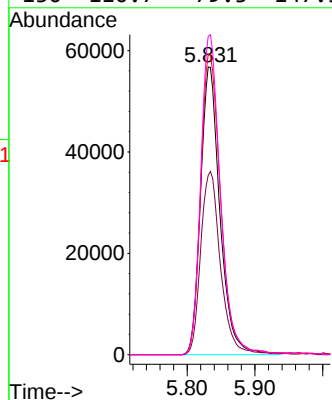
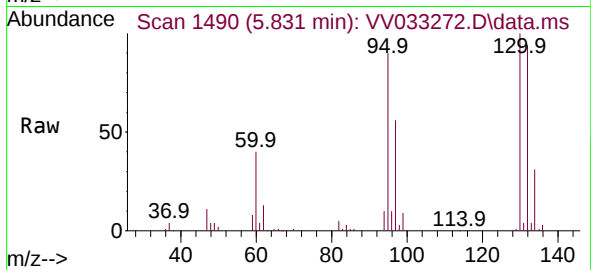




#34
Trichloroethene
Concen: 9.357 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.003 min
Lab File: VV033272.D
Acq: 13 Dec 2023 11:31

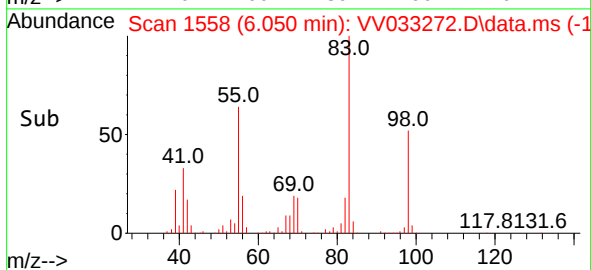
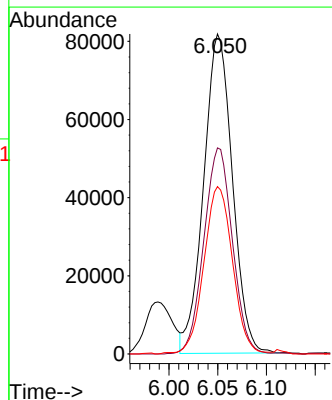
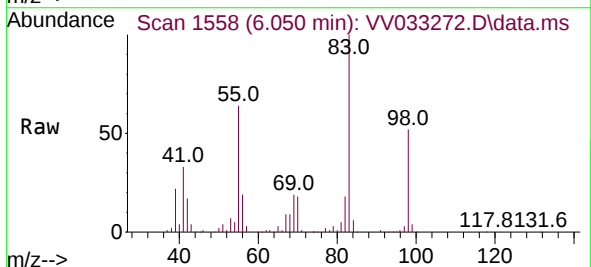
Instrument :
MSVOA_V
ClientSampleId :
VSTD010219

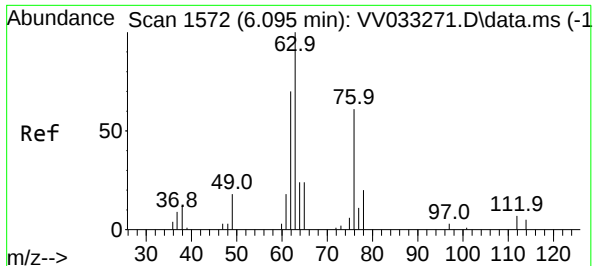
Tgt Ion: 95 Resp: 112857
Ion Ratio Lower Upper
95 100
97 62.4 46.5 86.5
132 104.3 75.1 139.5
130 110.7 79.3 147.3



#35
Methylcyclohexane
Concen: 10.252 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.000 min
Lab File: VV033272.D
Acq: 13 Dec 2023 11:31

Tgt Ion: 83 Resp: 167851
Ion Ratio Lower Upper
83 100
55 64.1 50.7 76.1
98 52.2 42.4 63.6

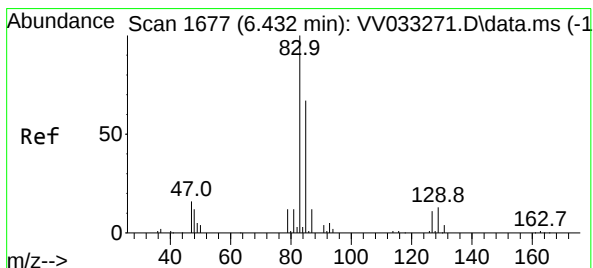
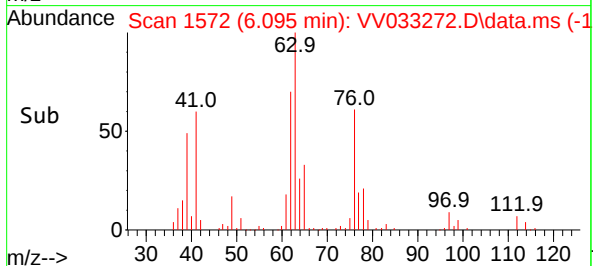
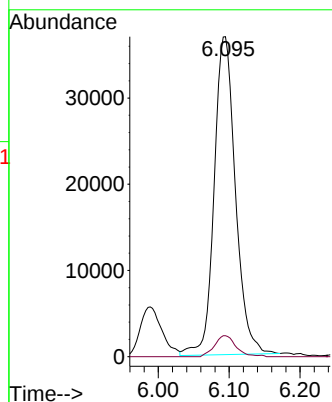
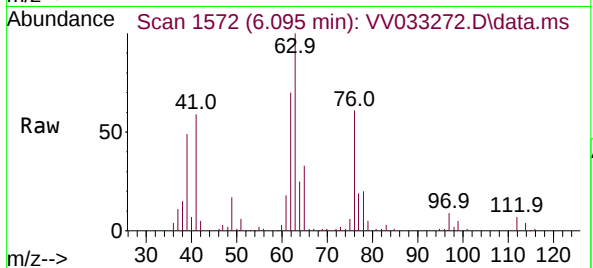




#37
1,2-Dichloropropane
Concen: 7.520 ug/L
RT: 6.095 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV033272.D
Acq: 13 Dec 2023 11:31

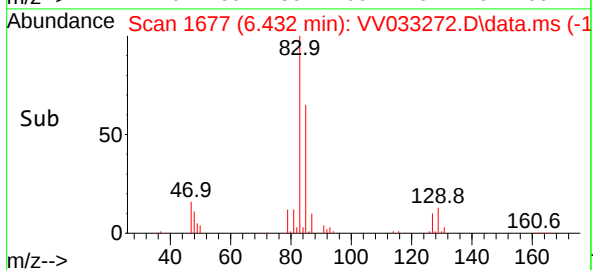
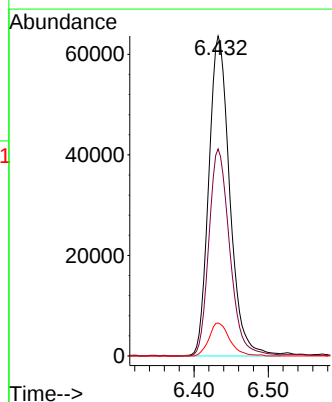
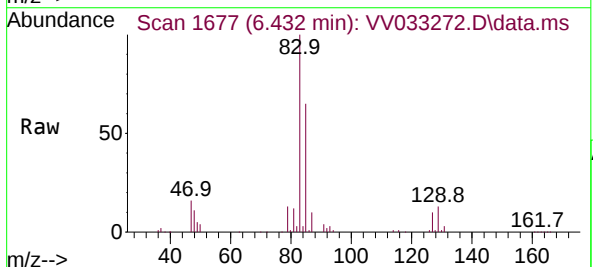
Instrument :
MSVOA_V
ClientSampleId :
VSTD010219

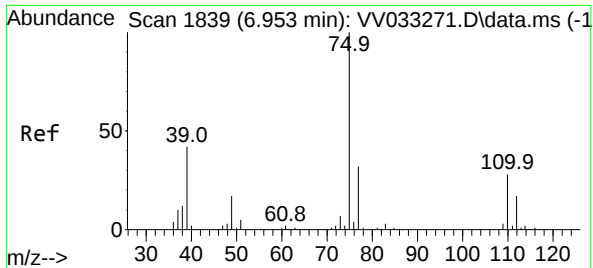
Tgt Ion: 63 Resp: 77033
Ion Ratio Lower Upper
63 100
112 6.6 5.0 7.6



#38
Bromodichloromethane
Concen: 8.469 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VV033272.D
Acq: 13 Dec 2023 11:31

Tgt Ion: 83 Resp: 124842
Ion Ratio Lower Upper
83 100
85 64.7 46.6 86.6
127 10.3 8.6 13.0





#39

cis-1,3-Dichloropropene

Concen: 9.197 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. -0.000 min

Lab File: VV033272.D

Acq: 13 Dec 2023 11:31

Instrument :

MSVOA_V

ClientSampleId :

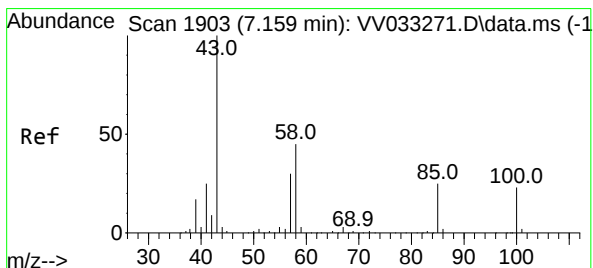
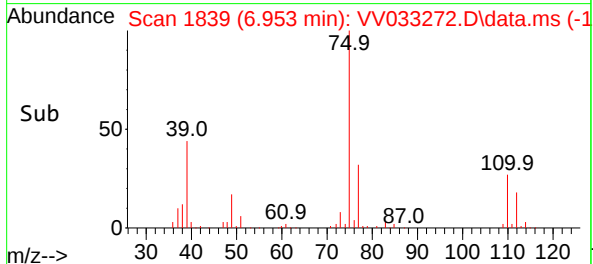
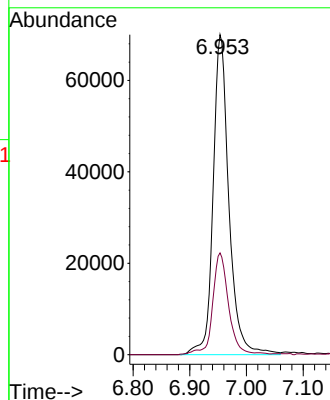
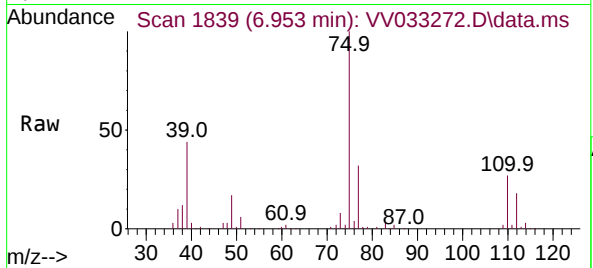
VSTD010219

Tgt Ion: 75 Resp: 135714

Ion Ratio Lower Upper

75 100

77 31.8 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 76.317 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV033272.D

Acq: 13 Dec 2023 11:31

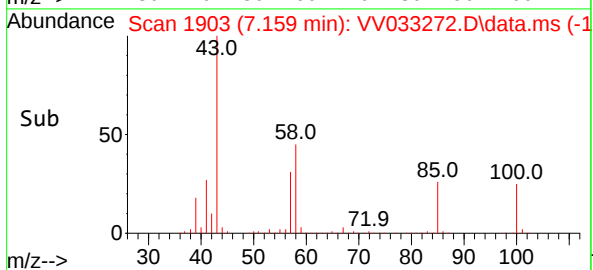
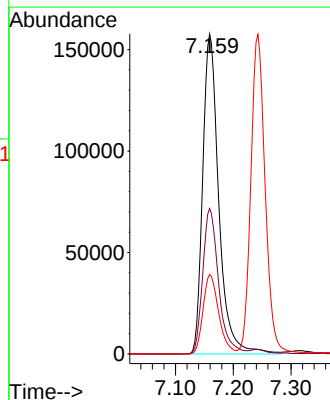
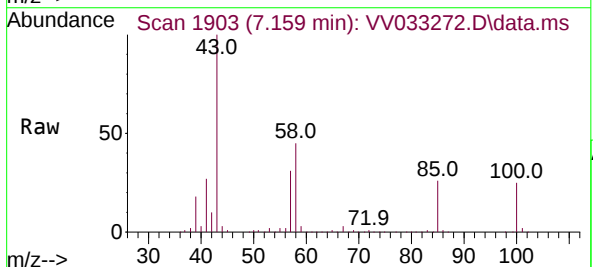
Tgt Ion: 43 Resp: 304952

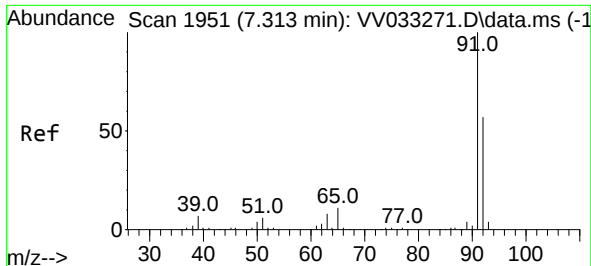
Ion Ratio Lower Upper

43 100

58 44.9 36.2 54.2

100 24.1 18.8 28.2





#42

Toluene

Concen: 9.637 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV033272.D

Acq: 13 Dec 2023 11:31

Instrument :

MSVOA_V

ClientSampleId :

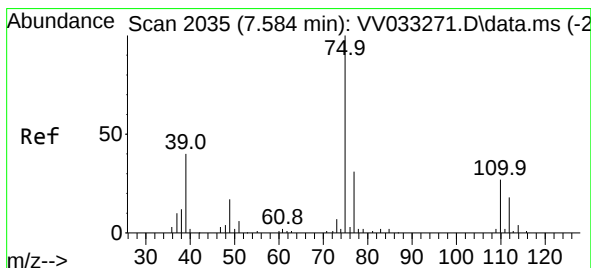
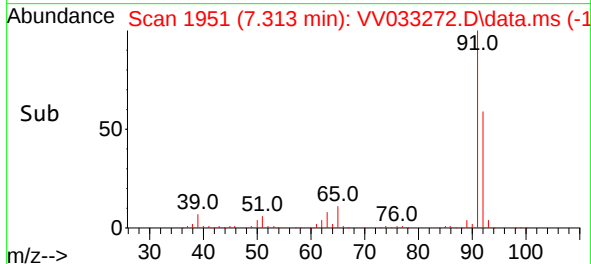
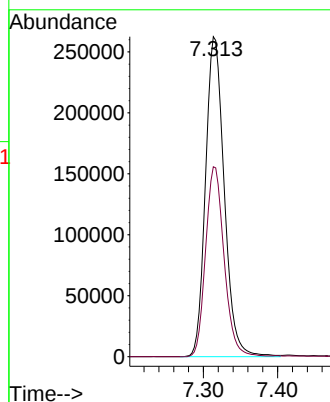
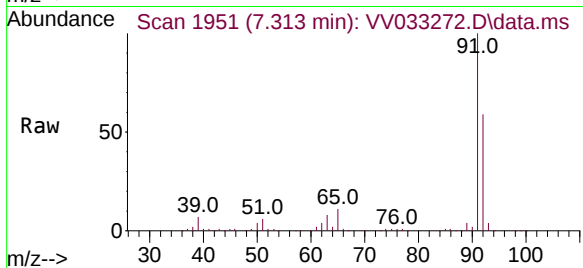
VSTD010219

Tgt Ion: 91 Resp: 459037

Ion Ratio Lower Upper

91 100

92 59.3 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 9.504 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.003 min

Lab File: VV033272.D

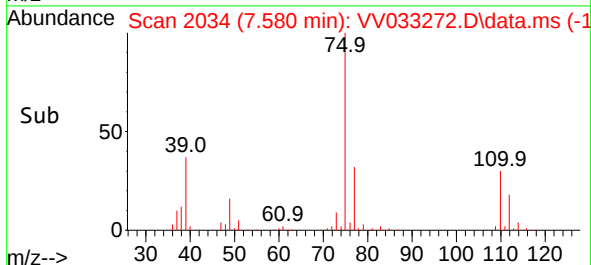
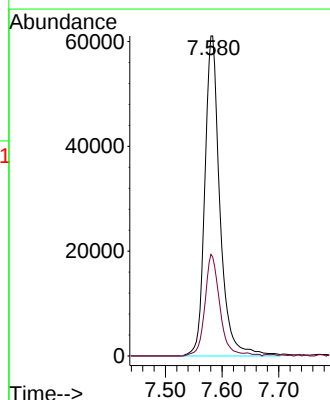
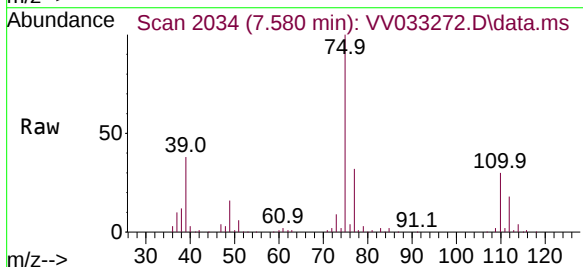
Acq: 13 Dec 2023 11:31

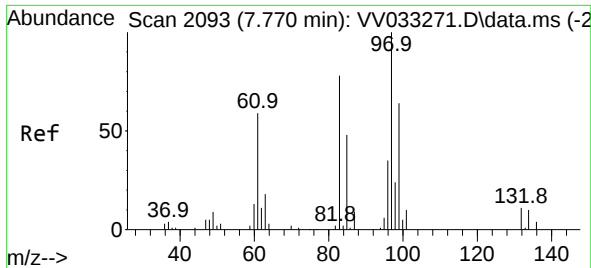
Tgt Ion: 75 Resp: 113511

Ion Ratio Lower Upper

75 100

77 31.7 21.7 40.3



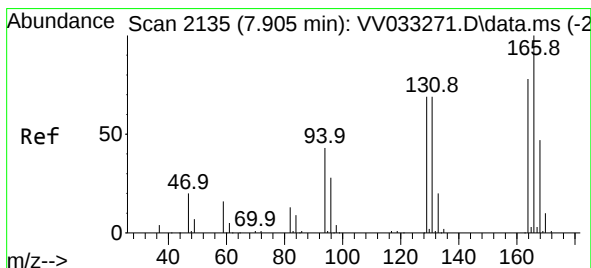
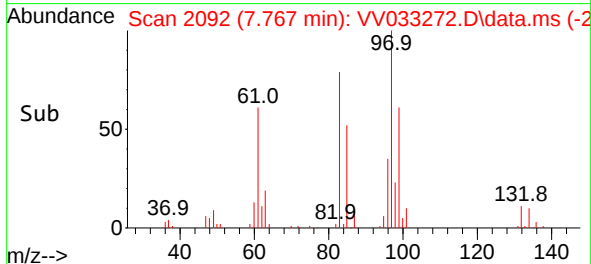
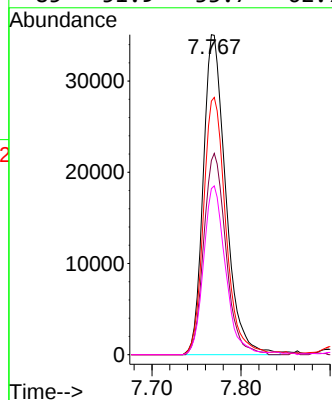
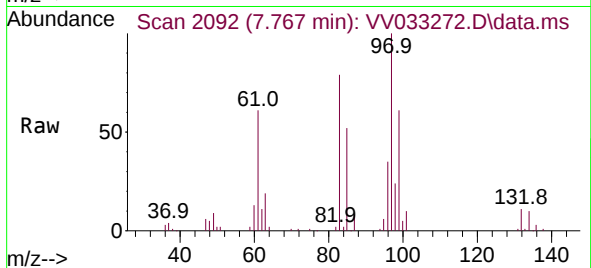


#45
1,1,2-Trichloroethane
Concen: 8.176 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.003 min
Lab File: VV033272.D
Acq: 13 Dec 2023 11:31

Instrument :
MSVOA_V
ClientSampleId :
VSTD010219

Tgt Ion: 97 Resp: 61584

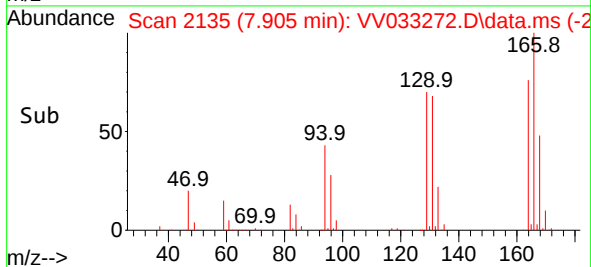
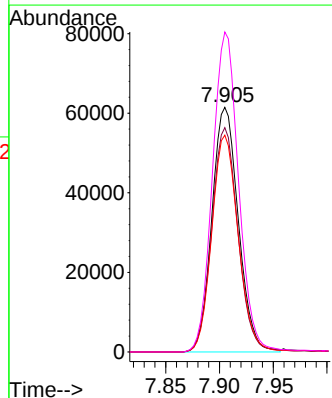
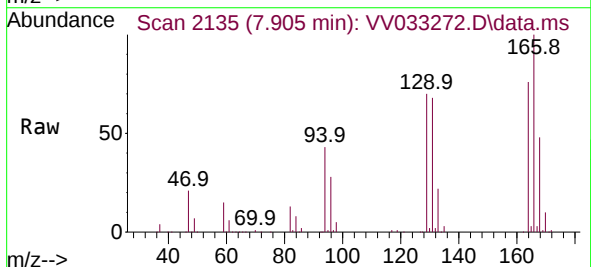
Ion	Ratio	Lower	Upper
97	100		
99	60.7	44.5	82.7
83	79.3	54.7	101.5
85	51.9	33.7	62.7

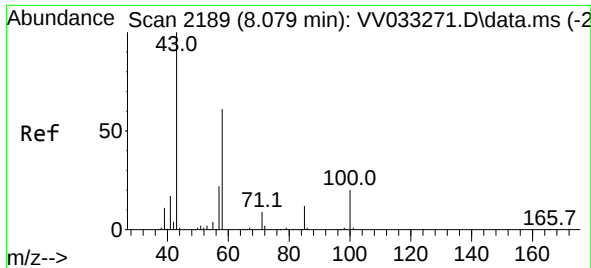


#47
Tetrachloroethene
Concen: 10.075 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV033272.D
Acq: 13 Dec 2023 11:31

Tgt Ion: 164 Resp: 105054

Ion	Ratio	Lower	Upper
164	100		
129	91.7	62.6	116.3
131	88.6	62.6	116.3
166	130.8	90.2	167.6



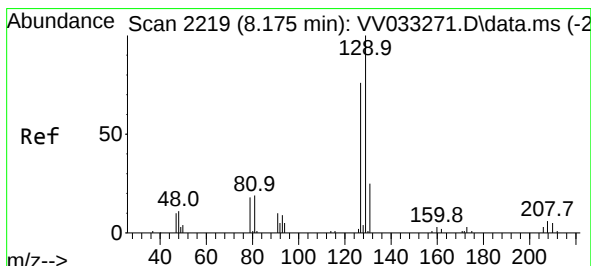
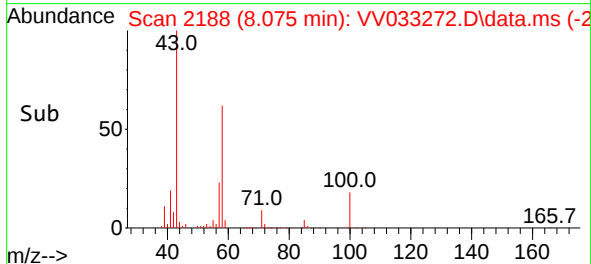
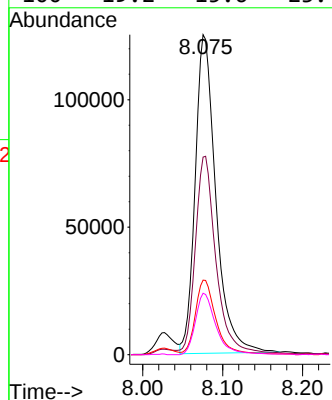
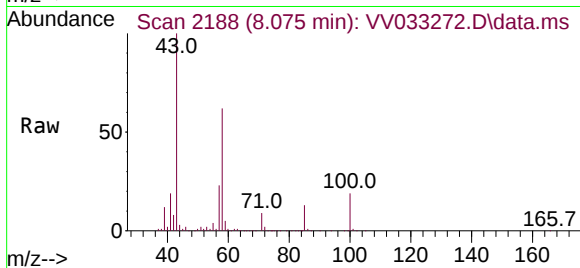


#48
2-Hexanone
Concen: 75.562 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. -0.003 min
Lab File: VV033272.D
Acq: 13 Dec 2023 11:31

Instrument :
MSVOA_V
ClientSampleId :
VSTD010219

Tgt Ion: 43 Resp: 225572

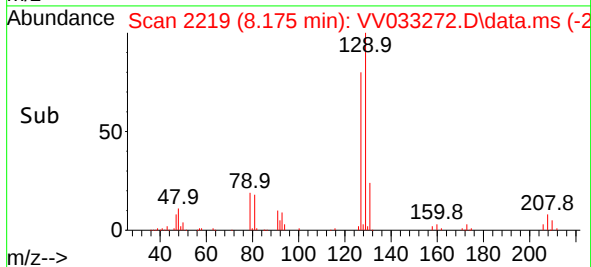
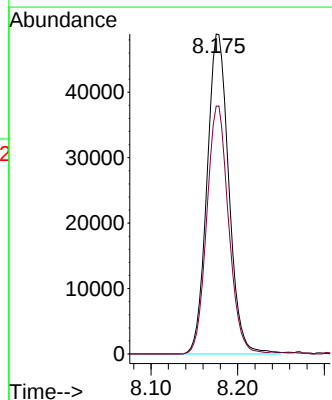
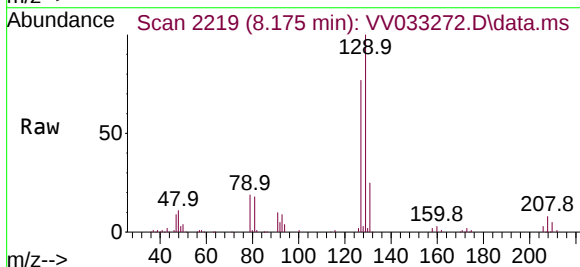
Ion	Ratio	Lower	Upper
43	100		
58	62.4	48.6	72.8
57	23.7	18.1	27.1
100	19.2	15.6	23.4

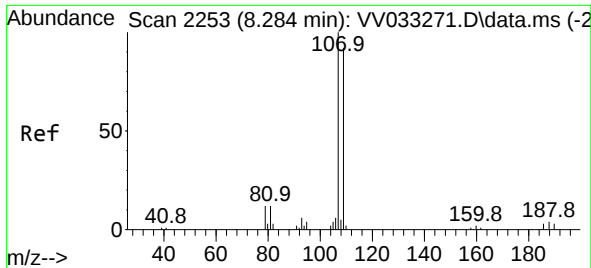


#49
Dibromochloromethane
Concen: 9.135 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV033272.D
Acq: 13 Dec 2023 11:31

Tgt Ion: 129 Resp: 85514

Ion	Ratio	Lower	Upper
129	100		
127	77.4	53.2	98.8

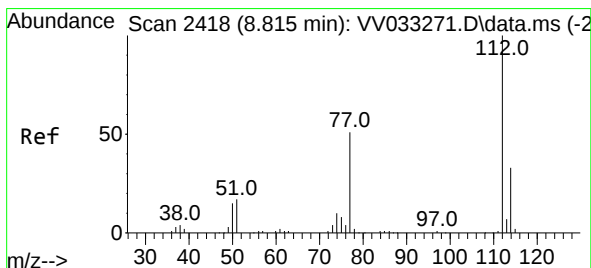
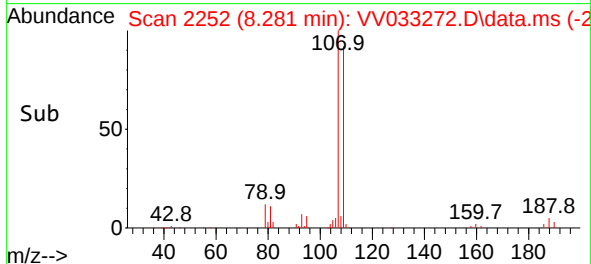
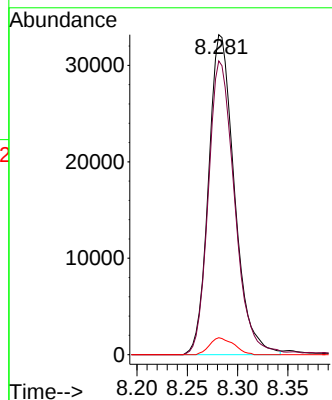
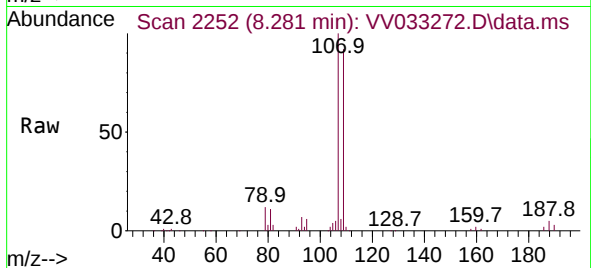




#50
1,2-Dibromoethane
Concen: 8.270 ug/L
RT: 8.281 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV033272.D
Acq: 13 Dec 2023 11:31

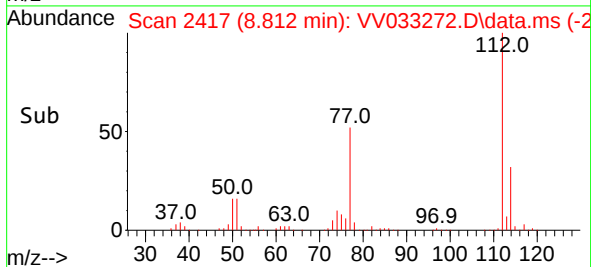
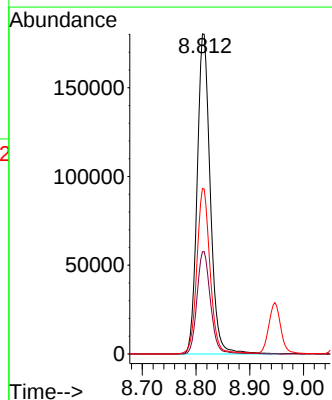
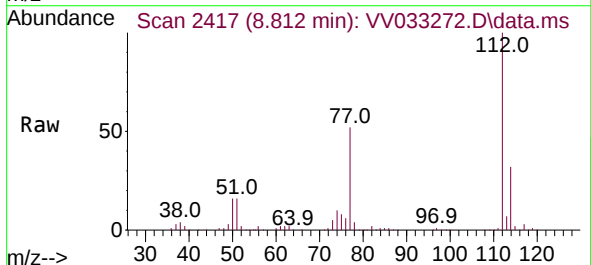
Instrument :
MSVOA_V
ClientSampleId :
VSTD010219

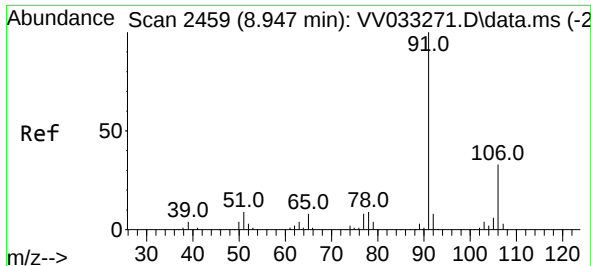
Tgt Ion:107 Resp: 59439
Ion Ratio Lower Upper
107 100
109 91.8 64.2 119.2
188 5.3 3.4 5.2#



#51
Chlorobenzene
Concen: 9.492 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.003 min
Lab File: VV033272.D
Acq: 13 Dec 2023 11:31

Tgt Ion:112 Resp: 304851
Ion Ratio Lower Upper
112 100
114 32.0 22.8 42.4
77 51.7 41.3 61.9

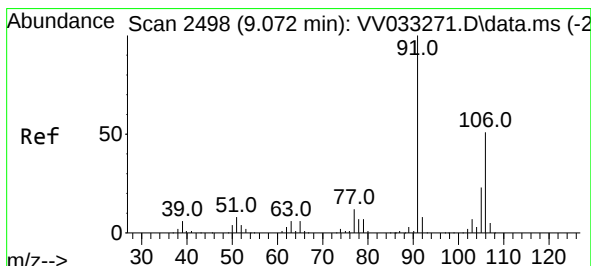
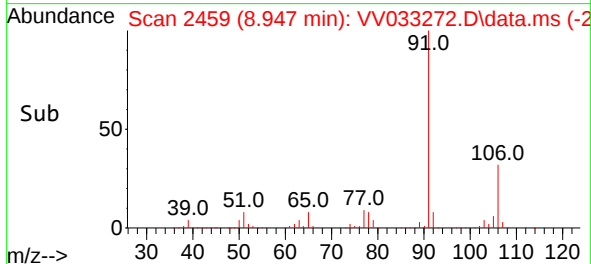
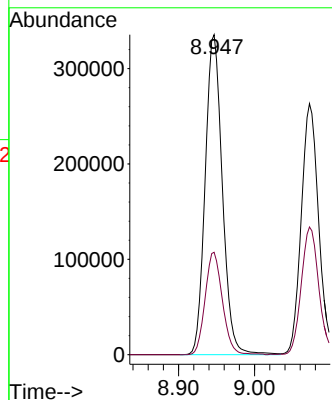
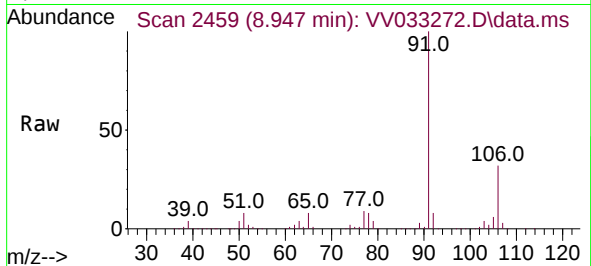




#52
Ethylbenzene
Concen: 10.456 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. -0.000 min
Lab File: VV033272.D
Acq: 13 Dec 2023 11:31

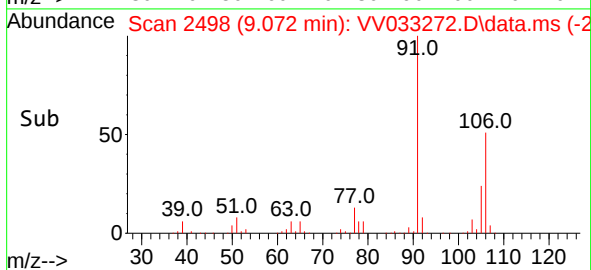
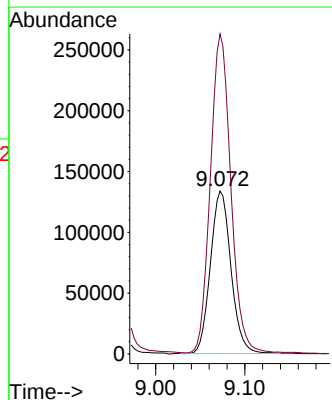
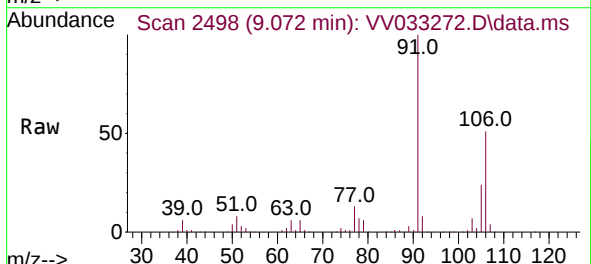
Instrument :
MSVOA_V
ClientSampleId :
VSTD010219

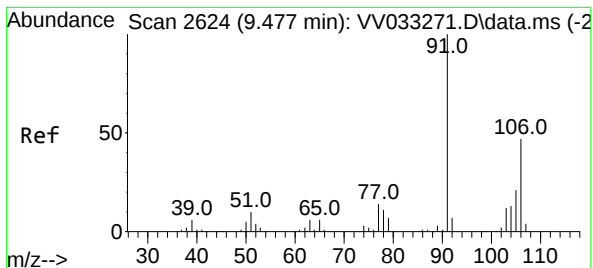
Tgt Ion: 91 Resp: 526180
Ion Ratio Lower Upper
91 100
106 32.0 22.7 42.3



#53
m,p-Xylene
Concen: 10.787 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV033272.D
Acq: 13 Dec 2023 11:31

Tgt Ion: 106 Resp: 214069
Ion Ratio Lower Upper
106 100
91 196.5 136.8 254.0





#54

o-Xylene

Concen: 10.982 ug/L

RT: 9.477 min Scan# 2624

Delta R.T. -0.000 min

Lab File: VV033272.D

Acq: 13 Dec 2023 11:31

Instrument :

MSVOA_V

ClientSampleId :

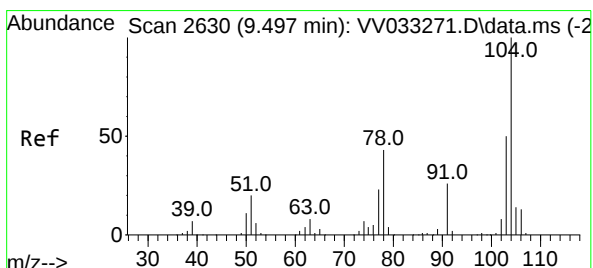
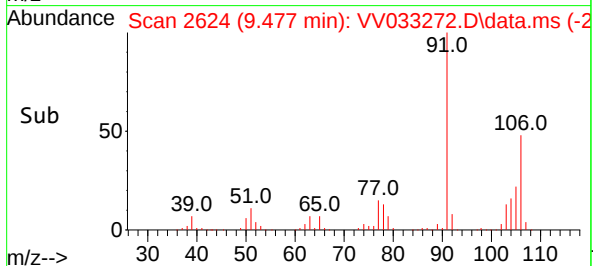
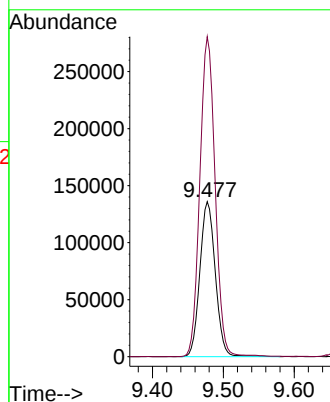
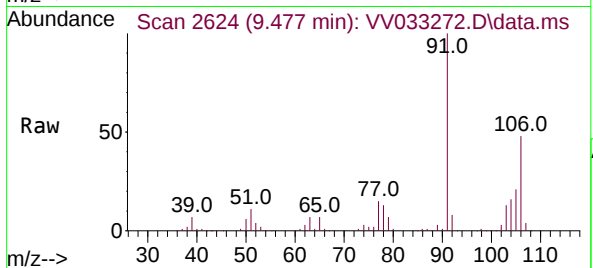
VSTD010219

Tgt Ion:106 Resp: 205632

Ion Ratio Lower Upper

106 100

91 206.5 149.9 278.5



#55

Styrene

Concen: 10.759 ug/L

RT: 9.493 min Scan# 2629

Delta R.T. -0.003 min

Lab File: VV033272.D

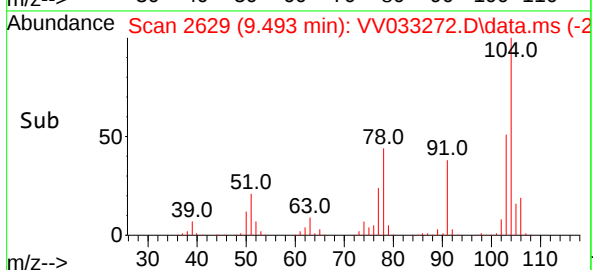
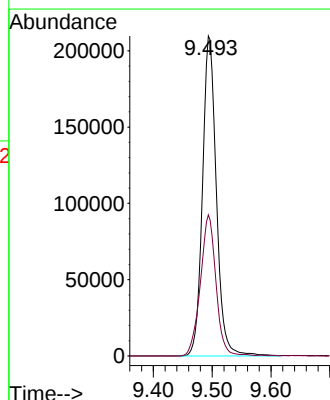
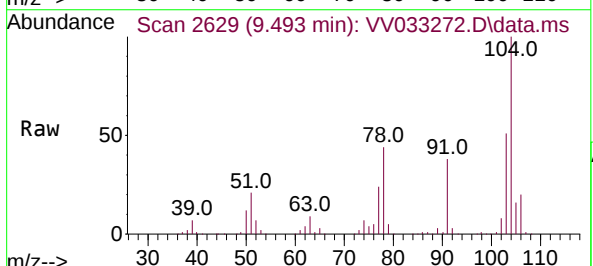
Acq: 13 Dec 2023 11:31

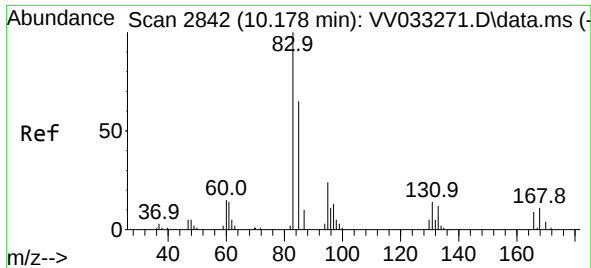
Tgt Ion:104 Resp: 344526

Ion Ratio Lower Upper

104 100

78 44.1 29.9 55.5

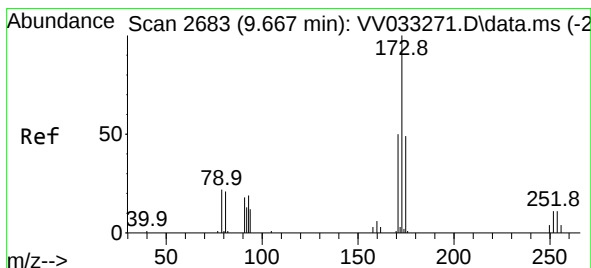
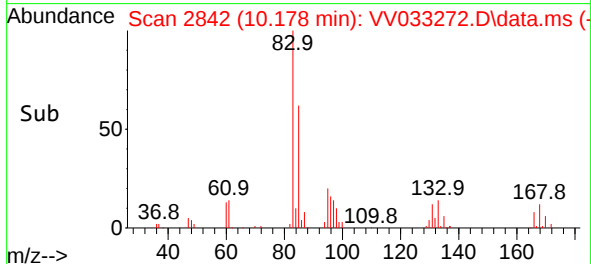
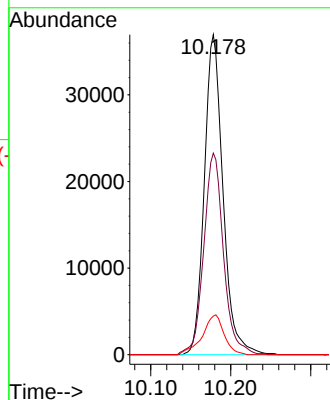
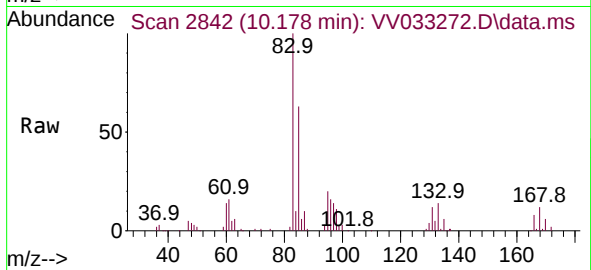




#57
1,1,2,2-Tetrachloroethane
Concen: 7.312 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV033272.D
Acq: 13 Dec 2023 11:31

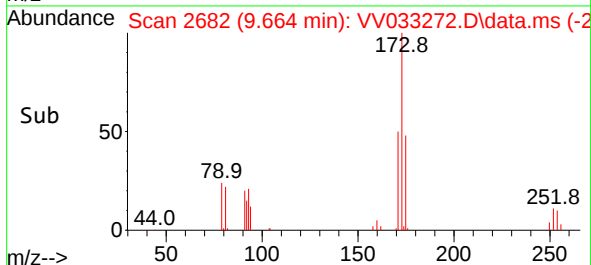
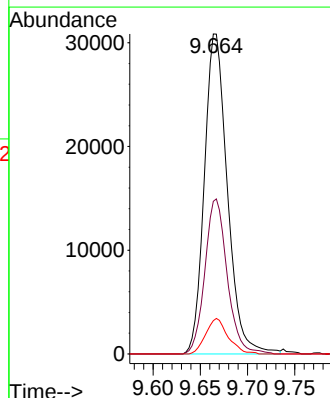
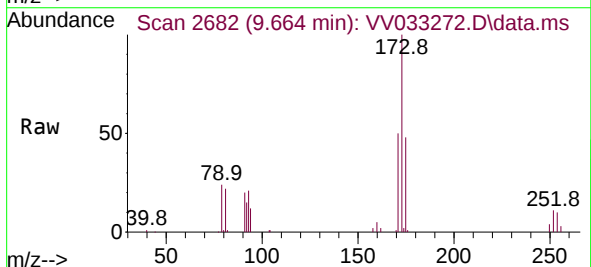
Instrument :
MSVOA_V
ClientSampleId :
VSTD010219

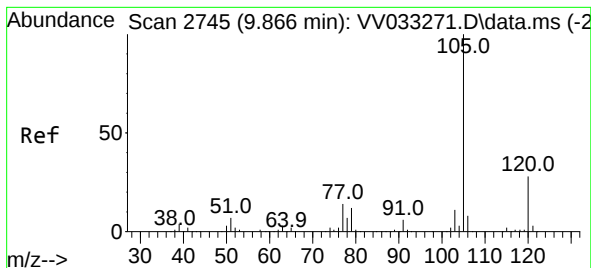
Tgt Ion: 83 Resp: 60138
Ion Ratio Lower Upper
83 100
85 63.0 45.4 84.4
131 12.1 11.5 17.3



#59
Bromoform
Concen: 9.478 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. -0.003 min
Lab File: VV033272.D
Acq: 13 Dec 2023 11:31

Tgt Ion: 173 Resp: 52358
Ion Ratio Lower Upper
173 100
175 46.9 37.0 55.4
254 10.8 8.5 12.7





#60

Isopropylbenzene

Concen: 10.388 ug/L

RT: 9.866 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV033272.D

Acq: 13 Dec 2023 11:31

Instrument :

MSVOA_V

ClientSampleId :

VSTD010219

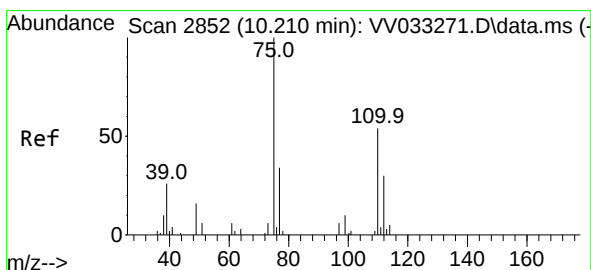
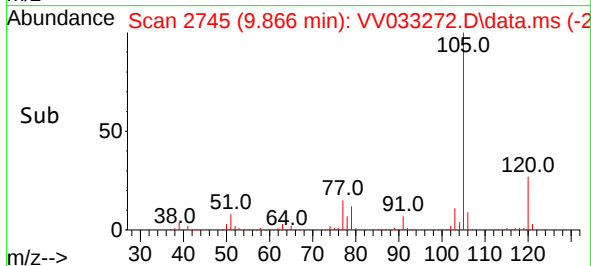
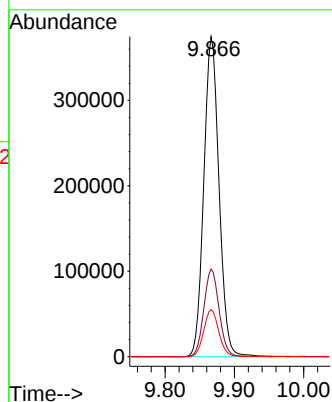
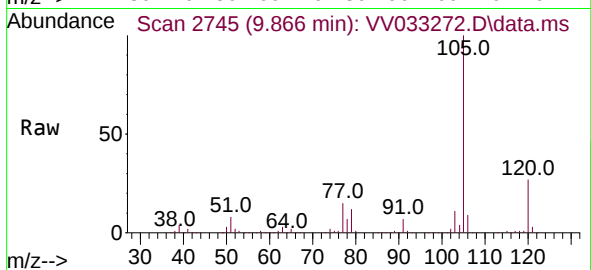
Tgt Ion:105 Resp: 569684

Ion Ratio Lower Upper

105 100

120 27.5 22.2 33.4

77 14.6 11.6 17.4



#61

1,2,3-Trichloropropane

Concen: 7.397 ug/L

RT: 10.210 min Scan# 2852

Delta R.T. -0.000 min

Lab File: VV033272.D

Acq: 13 Dec 2023 11:31

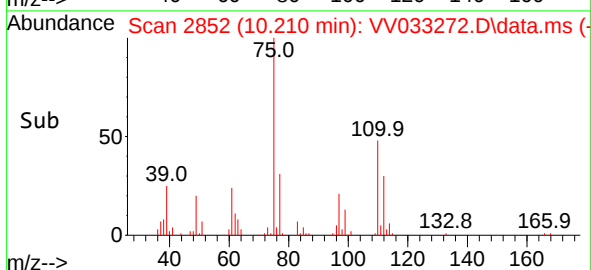
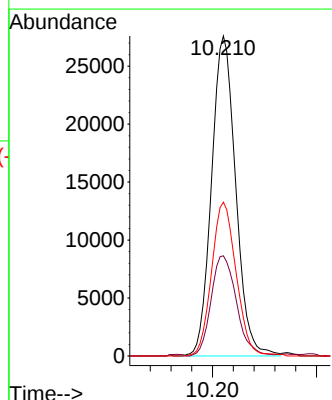
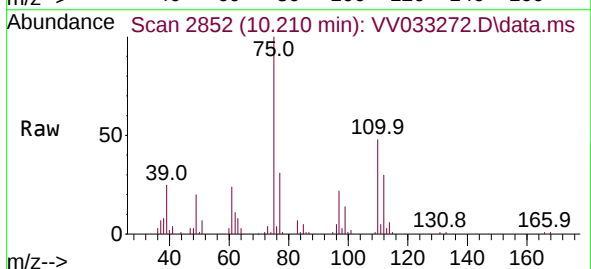
Tgt Ion: 75 Resp: 44506

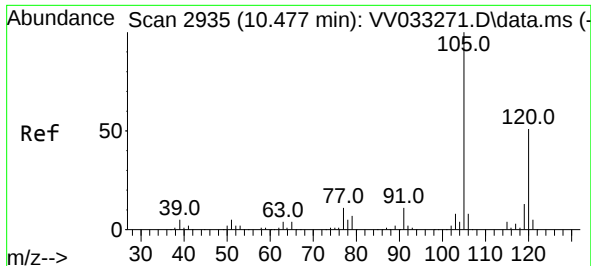
Ion Ratio Lower Upper

75 100

77 32.9 27.4 41.2

110 48.9 39.4 59.2





#62

1,3,5-Trimethylbenzene

Concen: 10.911 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. -0.000 min

Lab File: VV033272.D

Acq: 13 Dec 2023 11:31

Instrument :

MSVOA_V

ClientSampleId :

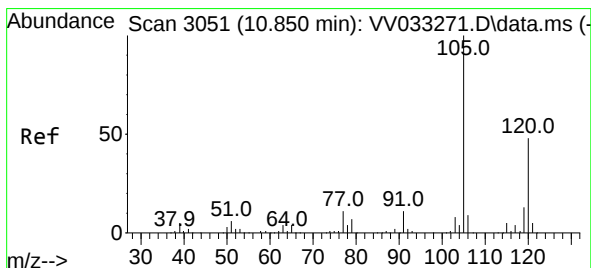
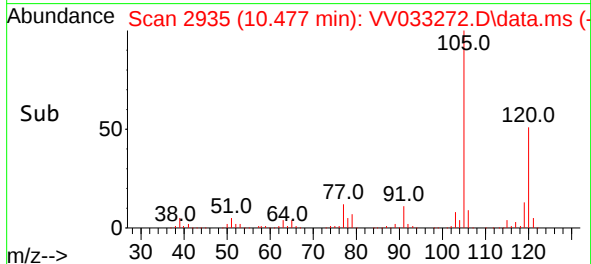
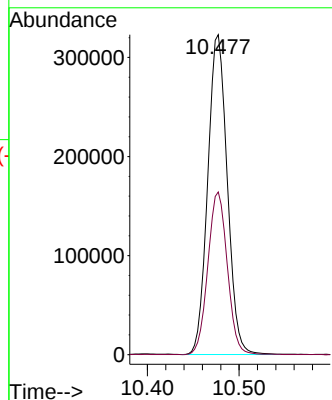
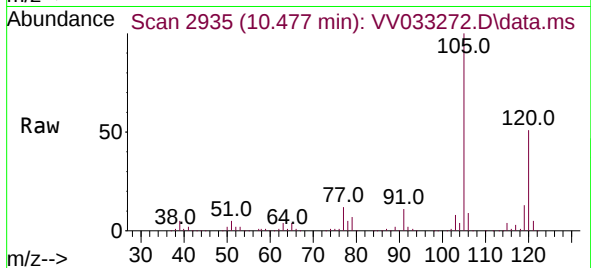
VSTD010219

Tgt Ion:105 Resp: 476473

Ion Ratio Lower Upper

105 100

120 50.8 41.7 62.5



#63

1,2,4-Trimethylbenzene

Concen: 11.019 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV033272.D

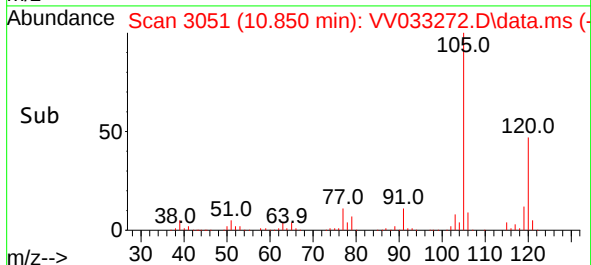
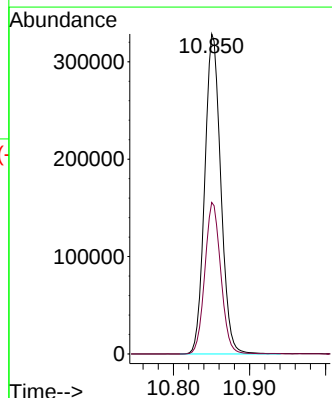
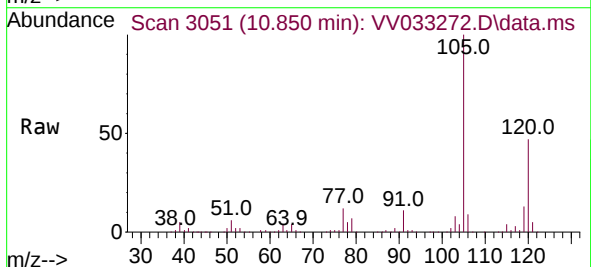
Acq: 13 Dec 2023 11:31

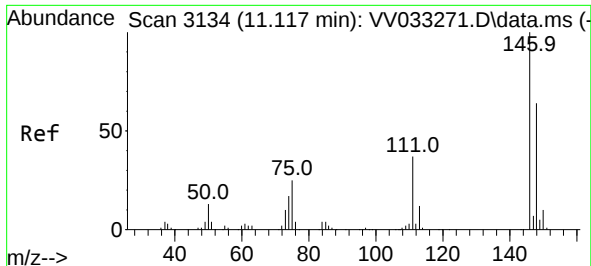
Tgt Ion:105 Resp: 481839

Ion Ratio Lower Upper

105 100

120 47.1 38.1 57.1

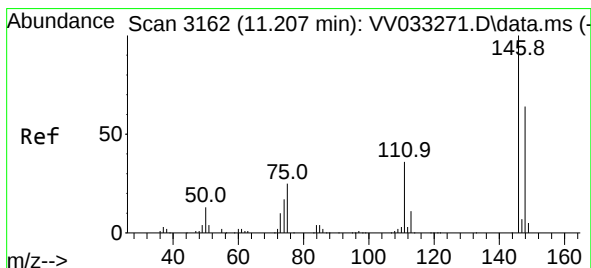
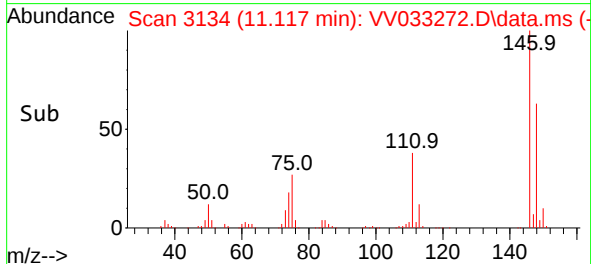
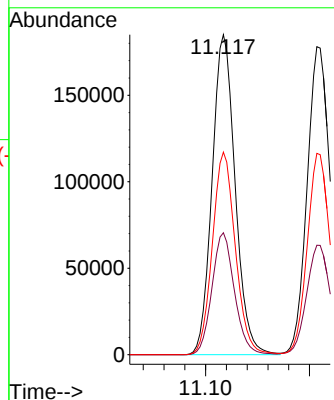
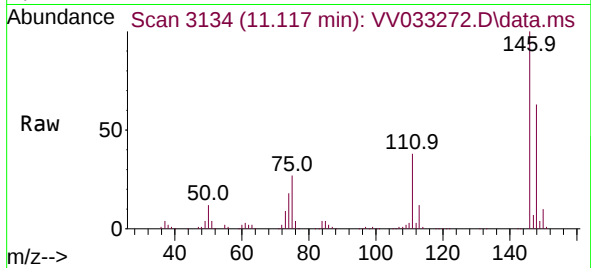




#64
1,3-Dichlorobenzene
Concen: 9.808 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV033272.D
Acq: 13 Dec 2023 11:31

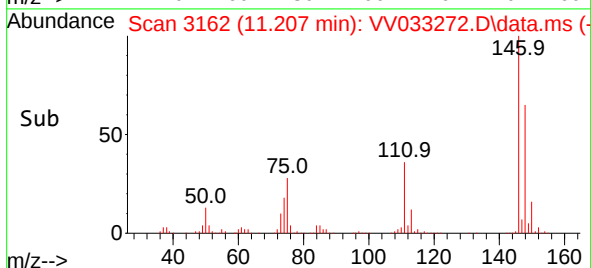
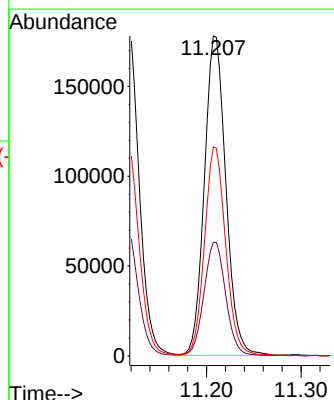
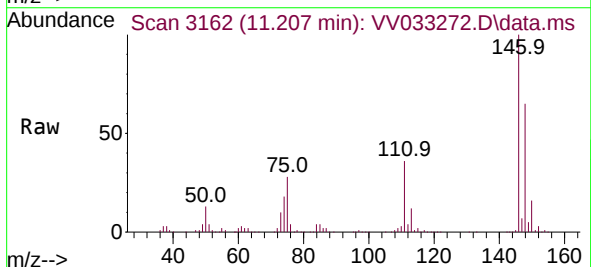
Instrument :
MSVOA_V
ClientSampleId :
VSTD010219

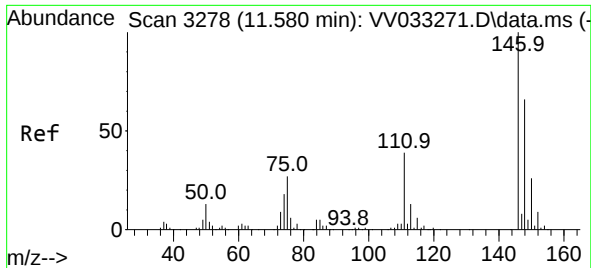
Tgt Ion:146 Resp: 284913
Ion Ratio Lower Upper
146 100
111 38.1 26.0 48.2
148 63.3 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 9.494 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VV033272.D
Acq: 13 Dec 2023 11:31

Tgt Ion:146 Resp: 280617
Ion Ratio Lower Upper
146 100
111 35.6 25.6 47.4
148 65.4 44.7 82.9

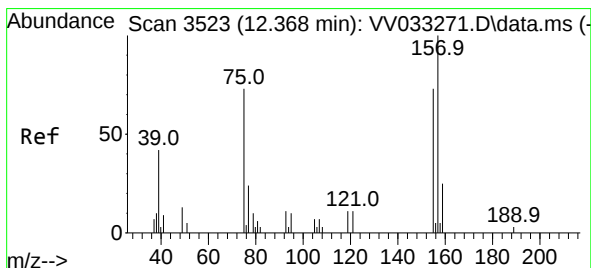
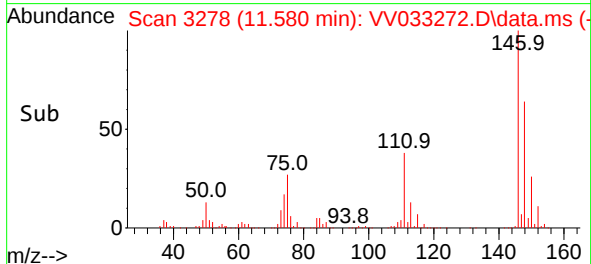
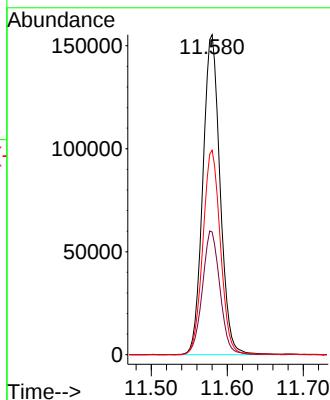
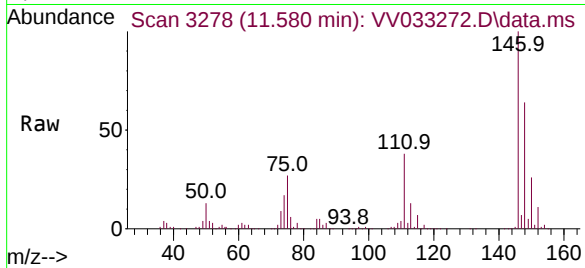




#67
1,2-Dichlorobenzene
Concen: 9.556 ug/L
RT: 11.580 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV033272.D
Acq: 13 Dec 2023 11:31

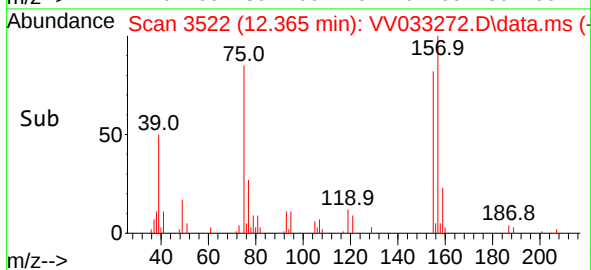
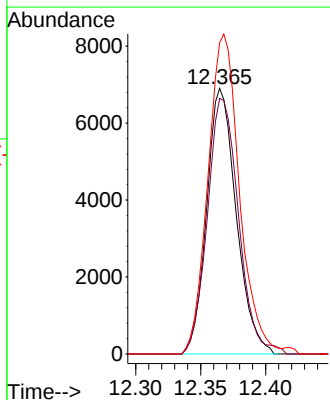
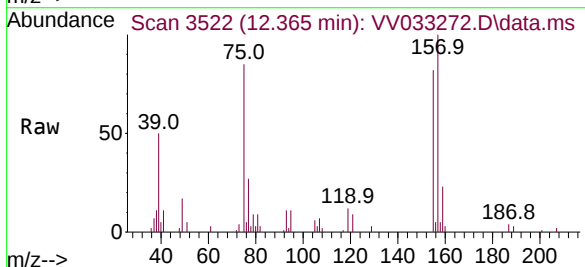
Instrument :
MSVOA_V
ClientSampleId :
VSTD010219

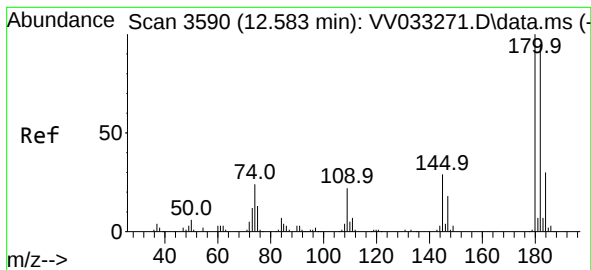
Tgt Ion:146 Resp: 244718
Ion Ratio Lower Upper
146 100
111 38.4 31.0 46.4
148 63.9 52.6 79.0



#68
1,2-Dibromo-3-chloropropane
Concen: 7.388 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. -0.003 min
Lab File: VV033272.D
Acq: 13 Dec 2023 11:31

Tgt Ion: 75 Resp: 10926
Ion Ratio Lower Upper
75 100
155 96.2 79.8 119.8
157 117.2 110.2 165.2





#69

1,3,5-Trichlorobenzene

Concen: 10.384 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. -0.000 min

Lab File: VV033272.D

Acq: 13 Dec 2023 11:31

Instrument :

MSVOA_V

ClientSampleId :

VSTD010219

Tgt Ion:180 Resp: 228696

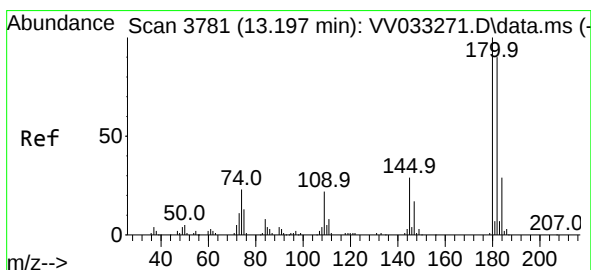
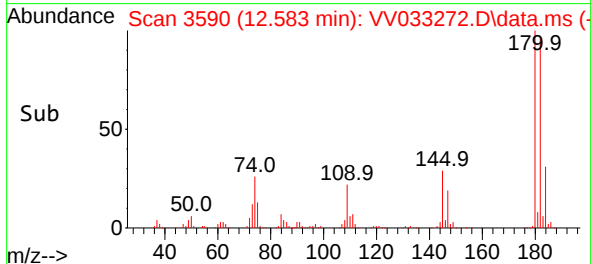
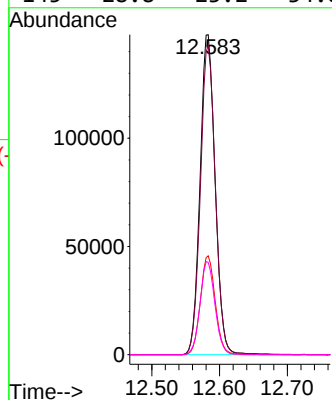
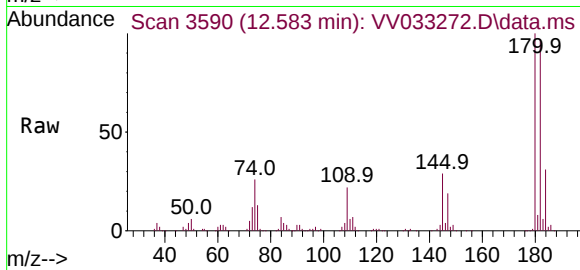
Ion Ratio Lower Upper

180 100

182 95.9 76.1 114.1

184 30.5 24.5 36.7

145 28.8 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 10.095 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV033272.D

Acq: 13 Dec 2023 11:31

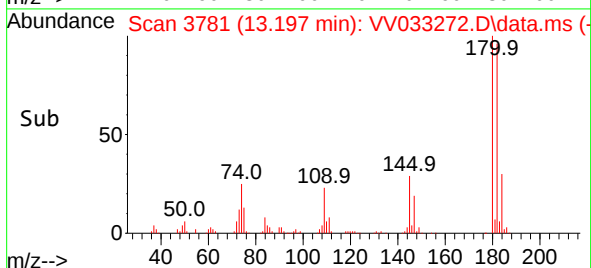
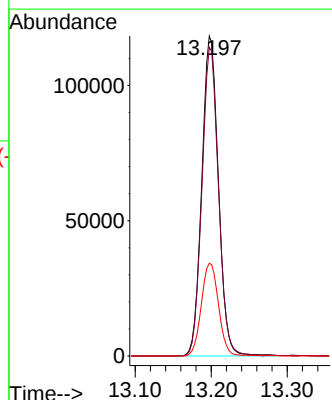
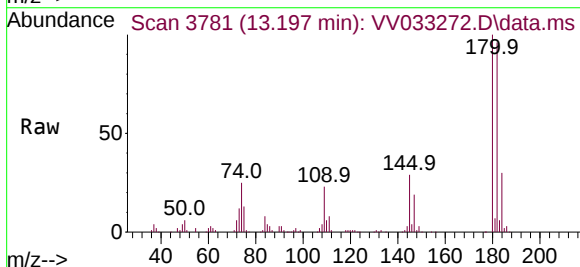
Tgt Ion:180 Resp: 179532

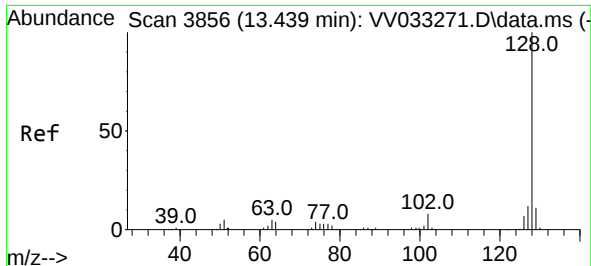
Ion Ratio Lower Upper

180 100

182 96.3 74.2 111.4

145 29.8 22.6 34.0

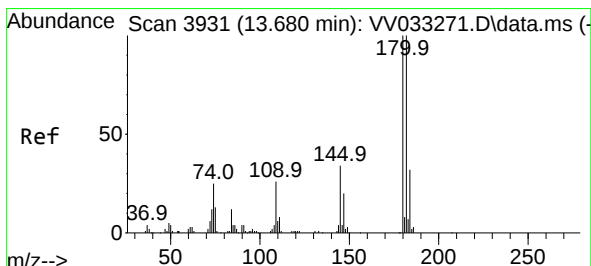
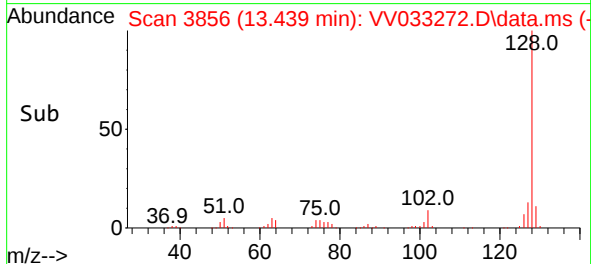
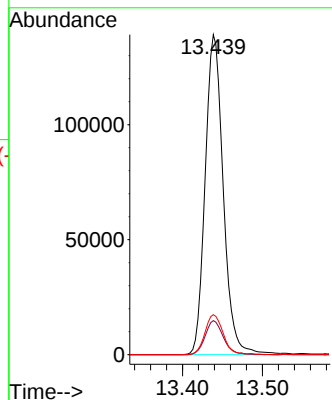
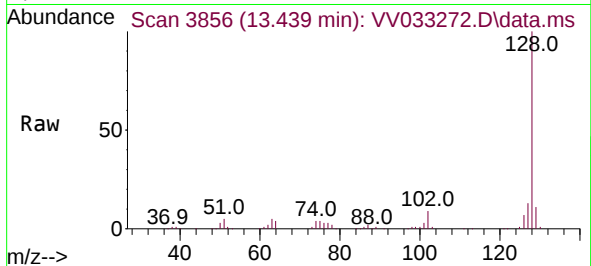




#71
Naphthalene
Concen: 9.303 ug/L
RT: 13.439 min Scan# 3856
Delta R.T. -0.000 min
Lab File: VV033272.D
Acq: 13 Dec 2023 11:31

Instrument :
MSVOA_V
ClientSampleId :
VSTD010219

Tgt Ion:128 Resp: 219389
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 12.5 10.1 15.1



#72
1,2,3-Trichlorobenzene
Concen: 9.982 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. -0.000 min
Lab File: VV033272.D
Acq: 13 Dec 2023 11:31

Tgt Ion:180 Resp: 150550
Ion Ratio Lower Upper
180 100
182 93.9 78.8 118.2
145 31.8 26.6 40.0

