

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
 Data File : VW033374.D
 Acq On : 15 Dec 2023 13:06
 Operator : SY/MD
 Sample : VSTD005
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 15 22:58:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 15 22:58:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	219299	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	226441	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	112871	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	7891	5.642	ug/L	0.00
7) Chloroethane-d5	1.520	69	7321	7.000	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	4527	7.999	ug/L	0.00
21) 2-Butanone-d5	3.770	46	57	0.082	ug/L	0.00
24) Chloroform-d	4.246	84	15337	5.269	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	8262	4.578	ug/L	0.00
32) Benzene-d6	4.960	84	27539	5.020	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	7757	5.114	ug/L	0.00
41) Toluene-d8	7.246	98	21513	4.116	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	3649	4.034	ug/L	0.00
47) 2-Hexanone-d5	8.040	63	3571	6.084	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.153	84	12184	5.631	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	10073	4.943	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	9190	4.008	ug/L	97
3) Chloromethane	1.214	50	8869	5.548	ug/L	88
5) Vinyl chloride	1.282	62	9243	5.860	ug/L	96
6) Bromomethane	1.468	94	7589	7.349	ug/L	98
8) Chloroethane	1.536	64	5713	6.359	ug/L	100
9) Trichlorofluoromethane	1.706	101	16266	6.216	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	9703	7.474	ug/L	97
12) 1,1-Dichloroethene	2.063	96	7522	6.331	ug/L	95
13) Acetone	2.111	43	9639	13.495	ug/L	95
14) Carbon disulfide	2.237	76	20395	5.177	ug/L	98
15) Methyl Acetate	2.375	43	6595	5.892	ug/L #	63
16) Methylene chloride	2.442	84	9575	6.362	ug/L	92
17) trans-1,2-Dichloroethene	2.690	96	7017	4.833	ug/L	97
18) Methyl tert-butyl Ether	2.700	73	19390	4.396	ug/L	96
19) 1,1-Dichloroethane	3.108	63	13336	5.351	ug/L #	93
20) cis-1,2-Dichloroethene	3.815	96	7796	5.028	ug/L	94
22) 2-Butanone	3.899	43	4798	5.762	ug/L	90
23) Bromochloromethane	4.143	128	363	0.409	ug/L	94
25) Chloroform	4.272	83	16111	5.704	ug/L	95
27) 1,2-Dichloroethane	5.047	62	11019	4.929	ug/L	97
29) Cyclohexane	4.577	56	8710	4.171	ug/L #	17
30) 1,1,1-Trichloroethane	4.507	97	13329	4.767	ug/L #	85
31) Carbon tetrachloride	4.735	117	12016	4.649	ug/L	95
33) Benzene	5.011	78	27115	4.660	ug/L	100
34) Trichloroethene	5.834	95	7930	4.651	ug/L	99
35) Methylcyclohexane	6.047	83	9766	3.965	ug/L	94
37) 1,2-Dichloropropane	6.095	63	7652	5.503	ug/L	99
38) Bromodichloromethane	6.432	83	11589	5.305	ug/L #	98
39) cis-1,3-Dichloropropene	6.960	75	9670	3.979	ug/L	92
40) 4-Methyl-2-pentanone	7.162	43	12263	8.157	ug/L	92
42) Toluene	7.317	91	26307	4.032	ug/L	97
44) trans-1,3-Dichloropropene	7.587	75	9544	3.948	ug/L	96

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 ClientSampleId :

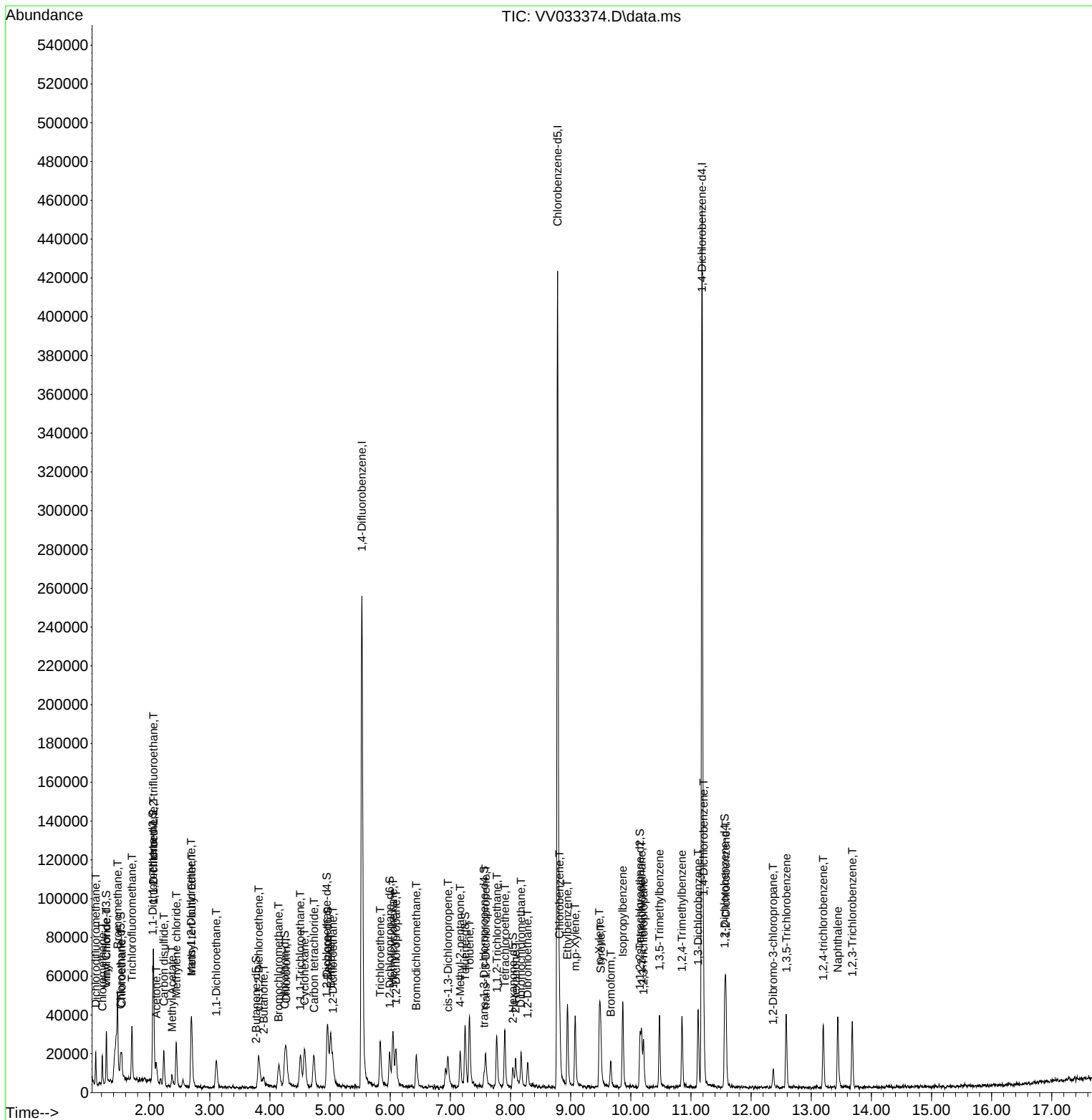
Quant Time: Dec 15 22:58:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 15 22:58:37 2023
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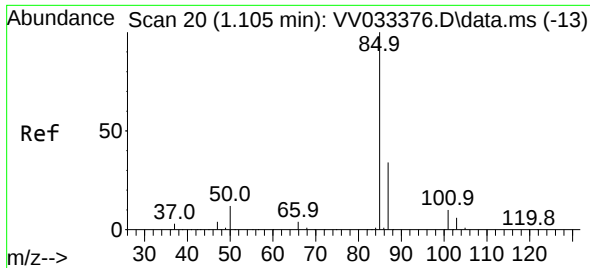
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.773	97	8064	5.090	ug/L	97
46) Tetrachloroethene	7.908	164	6455	4.484	ug/L	93
48) 2-Hexanone	8.085	43	8195	6.622	ug/L	96
49) Dibromochloromethane	8.175	129	8261	4.498	ug/L	98
50) 1,2-Dibromoethane	8.284	107	8056	4.806	ug/L #	97
51) Chlorobenzene	8.815	112	22685	4.973	ug/L	97
52) Ethylbenzene	8.947	91	28435	3.829	ug/L	99
53) m,p-Xylene	9.075	106	10330	3.530	ug/L	98
54) o-Xylene	9.477	106	10311	3.595	ug/L	91
55) Styrene	9.500	104	16146	3.224	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	12019	5.380	ug/L	99
59) Bromoform	9.667	173	5932	4.897	ug/L #	97
60) Isopropylbenzene	9.866	105	26069	3.984	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	9066	6.007	ug/L	94
62) 1,3,5-Trimethylbenzene	10.477	105	18259	3.509	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	18235	3.355	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	15613	4.508	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	18677	5.168	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	18046	5.263	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.368	75	2256	5.045	ug/L	90
69) 1,3,5-Trichlorobenzene	12.587	180	10544	3.911	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	9716	3.962	ug/L	90
71) Naphthalene	13.442	128	28276	4.657	ug/L	97
72) 1,2,3-Trichlorobenzene	13.683	180	8745	3.658	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 15 22:58:37 2023
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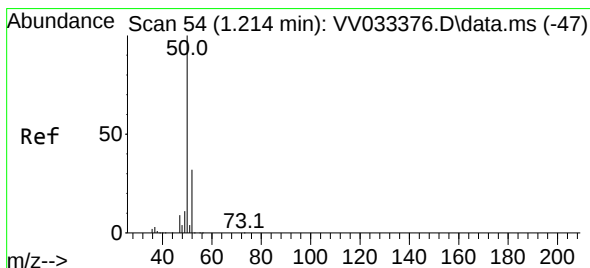
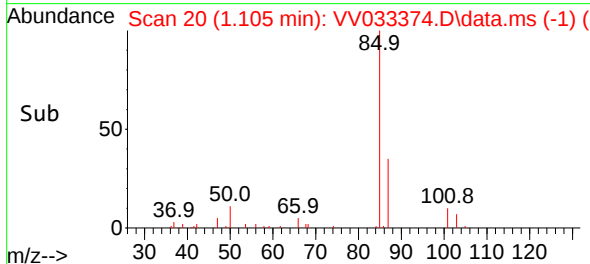
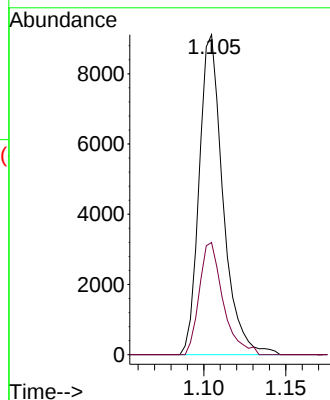
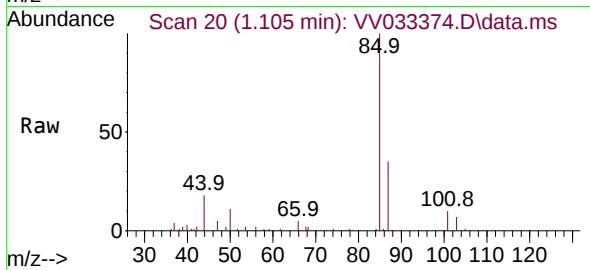




#2
 Dichlorodifluoromethane
 Concen: 4.008 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV033374.D
 Acq: 15 Dec 2023 13:06

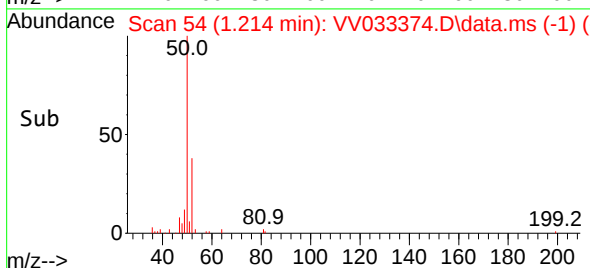
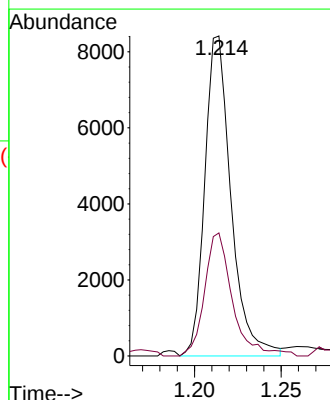
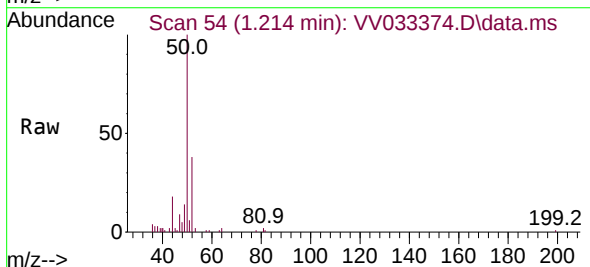
Instrument :
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 ClientSampleId :

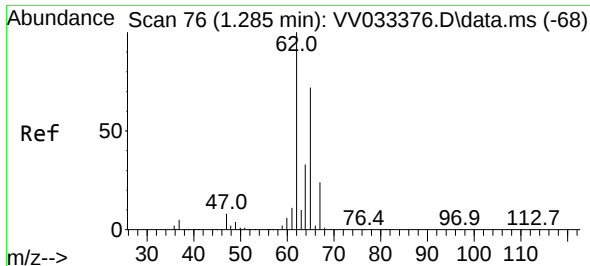
Tgt Ion: 85 Resp: 9190
 Ion Ratio Lower Upper
 85 100
 87 35.0 26.6 39.8



#3
 Chloromethane
 Concen: 5.548 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV033374.D
 Acq: 15 Dec 2023 13:06

Tgt Ion: 50 Resp: 8869
 Ion Ratio Lower Upper
 50 100
 52 38.5 22.3 41.5





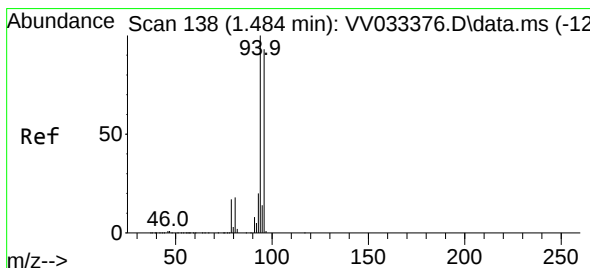
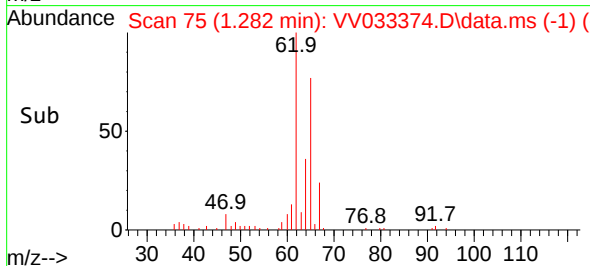
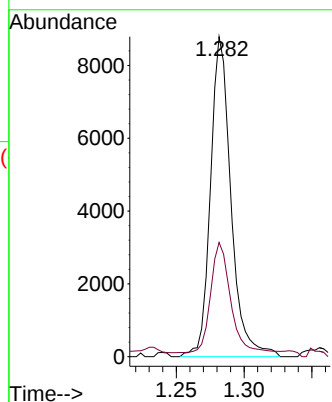
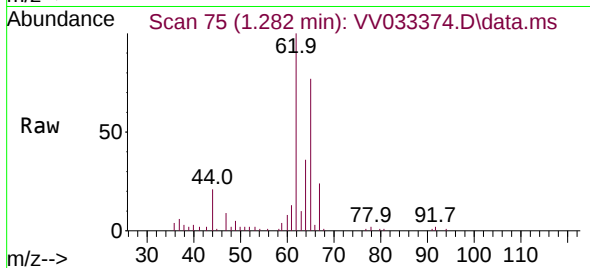
#5
 Vinyl chloride
 Concen: 5.860 ug/L
 RT: 1.282 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VV033374.D
 Acq: 15 Dec 2023 13:06

Instrument :

MSVOA_V

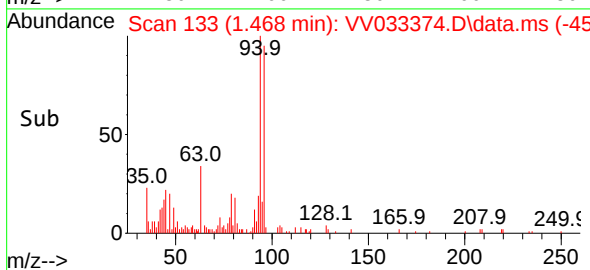
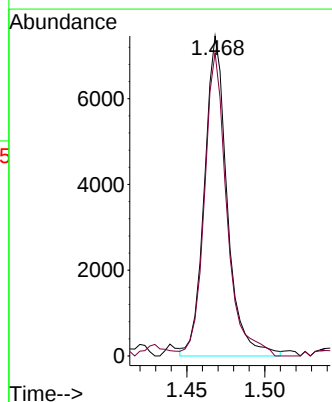
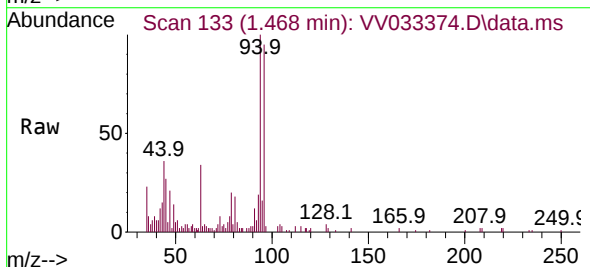
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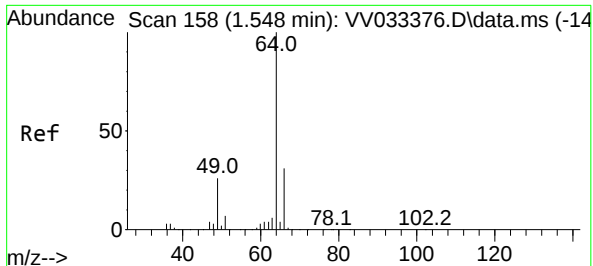
Tgt Ion: 62 Resp: 9243
 Ion Ratio Lower Upper
 62 100
 64 35.7 23.4 43.6



#6
 Bromomethane
 Concen: 7.349 ug/L
 RT: 1.468 min Scan# 133
 Delta R.T. -0.016 min
 Lab File: VV033374.D
 Acq: 15 Dec 2023 13:06

Tgt Ion: 94 Resp: 7589
 Ion Ratio Lower Upper
 94 100
 96 94.7 65.1 120.9

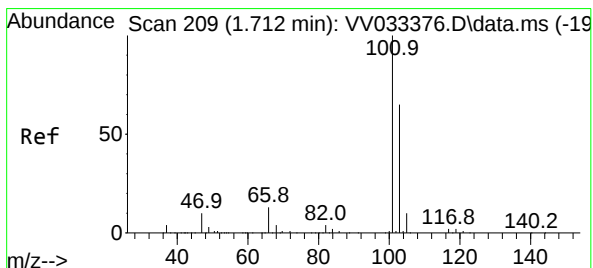
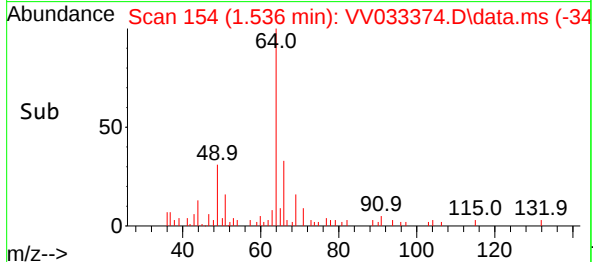
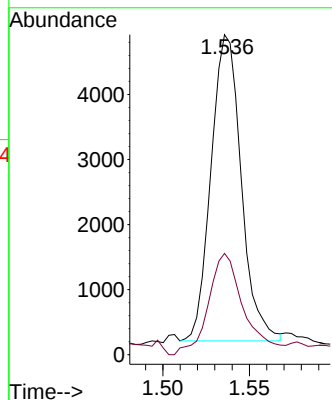
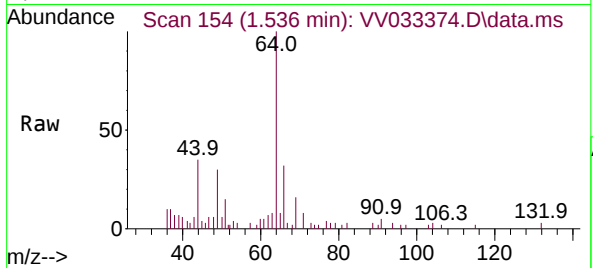




#8
Chloroethane
Concen: 6.359 ug/L
RT: 1.536 min Scan# 11
Delta R.T. -0.013 min
Lab File: VV033374.D
Acq: 15 Dec 2023 13:06

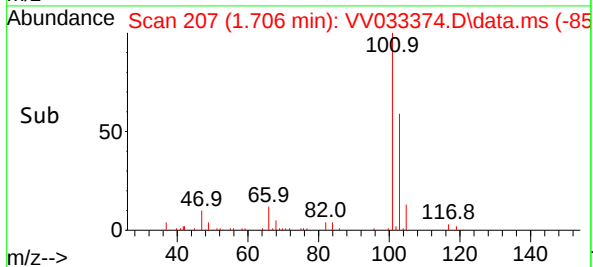
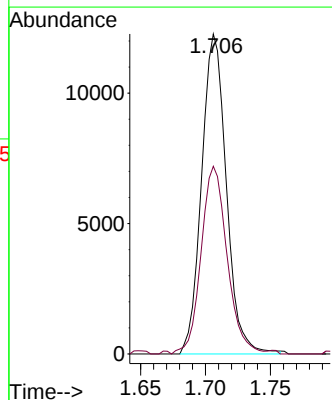
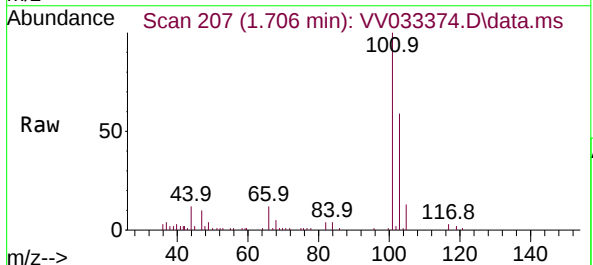
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ClientSampleId :

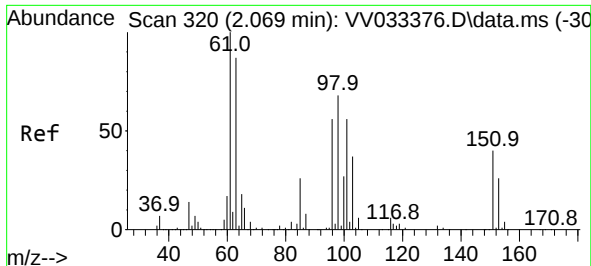
Tgt Ion: 64 Resp: 5713
Ion Ratio Lower Upper
64 100
66 31.6 22.1 41.1



#9
Trichlorofluoromethane
Concen: 6.216 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.006 min
Lab File: VV033374.D
Acq: 15 Dec 2023 13:06

Tgt Ion: 101 Resp: 16266
Ion Ratio Lower Upper
101 100
103 61.6 52.2 78.4





#10

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

Concen: 7.474 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.006 min

Lab File: VV033374.D

Acq: 15 Dec 2023 13:06

Instrument :

MSVOA_V

ClientSampleId :

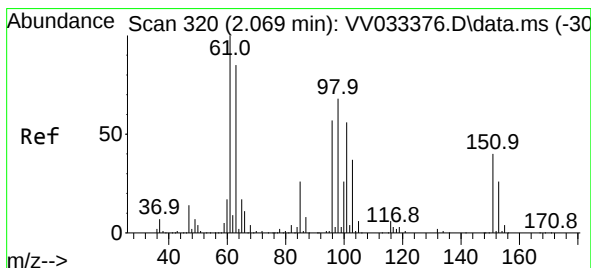
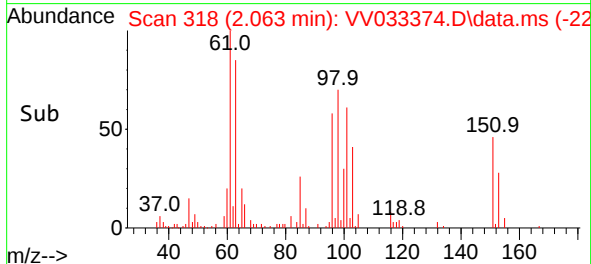
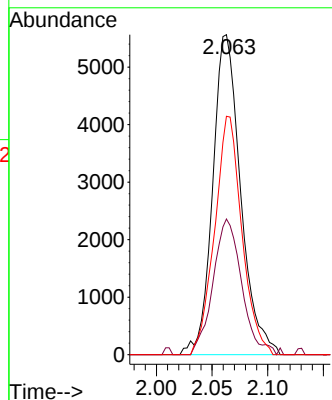
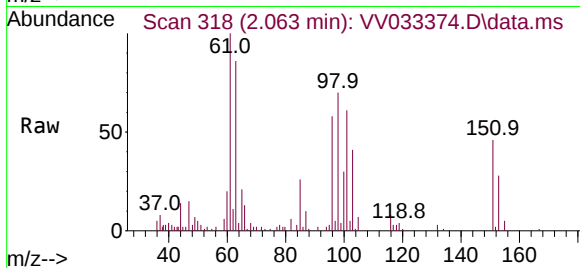
Tgt Ion:101 Resp: 9703

Ion Ratio Lower Upper

101 100

85 42.5 36.6 54.8

151 72.8 57.0 85.6



#12

1,1-Dichloroethene

Concen: 6.331 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.006 min

Lab File: VV033374.D

Acq: 15 Dec 2023 13:06

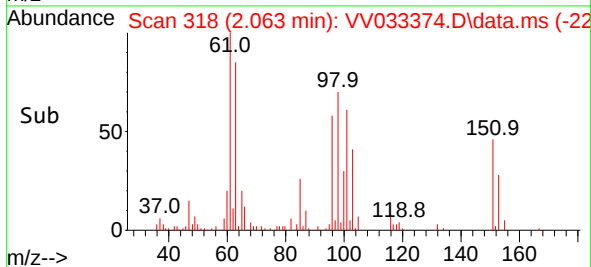
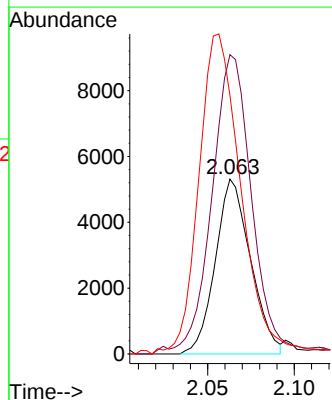
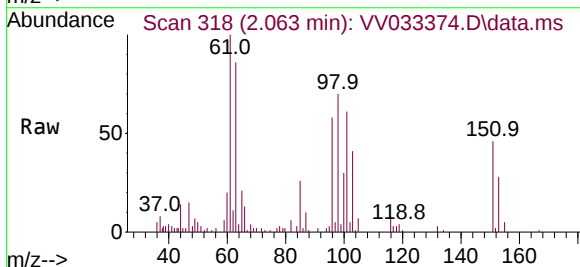
Tgt Ion: 96 Resp: 7522

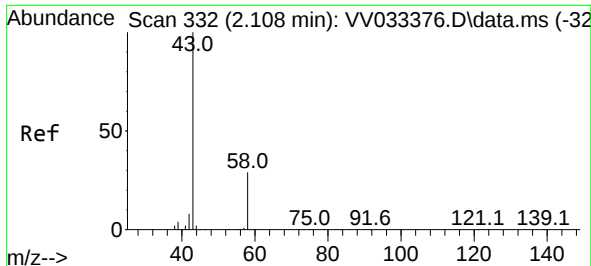
Ion Ratio Lower Upper

96 100

61 171.2 124.3 230.8

63 147.8 108.1 200.7





#13

Acetone

Concen: 13.495 ug/L

RT: 2.111 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033374.D

Acq: 15 Dec 2023 13:06

Instrument :

MSVOA_V

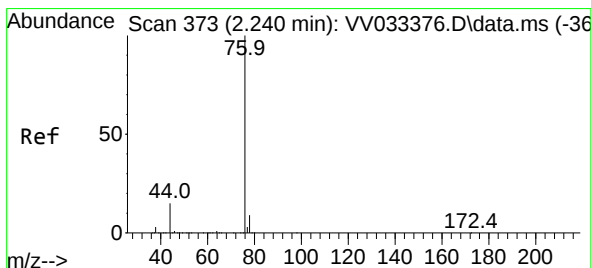
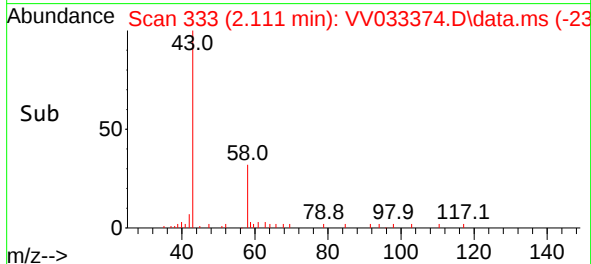
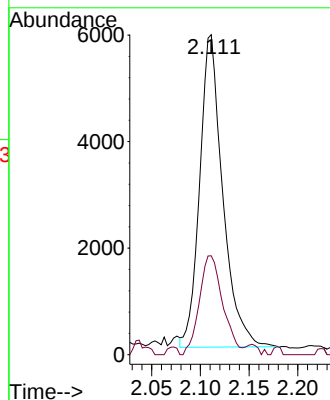
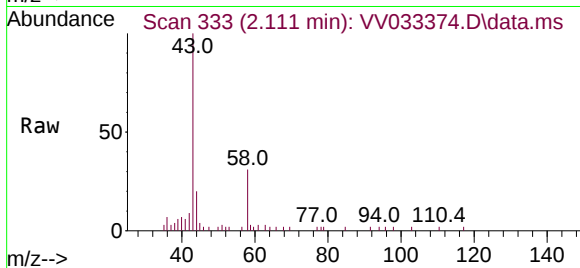
ClientSampleId :

Tgt Ion: 43 Resp: 9639

Ion Ratio Lower Upper

43 100

58 32.3 0.0 59.2



#14

Carbon disulfide

Concen: 5.177 ug/L

RT: 2.237 min Scan# 372

Delta R.T. -0.003 min

Lab File: VV033374.D

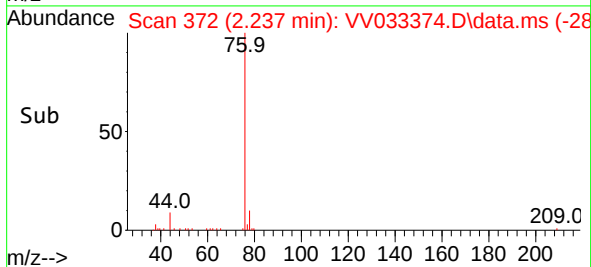
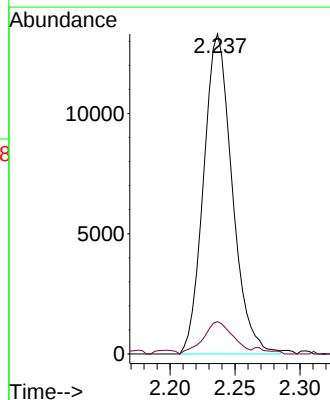
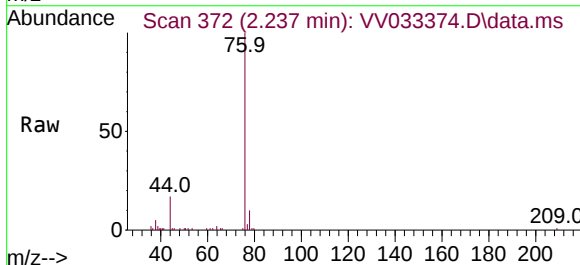
Acq: 15 Dec 2023 13:06

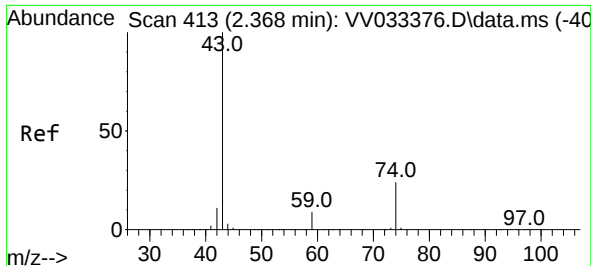
Tgt Ion: 76 Resp: 20395

Ion Ratio Lower Upper

76 100

78 10.1 7.6 11.4

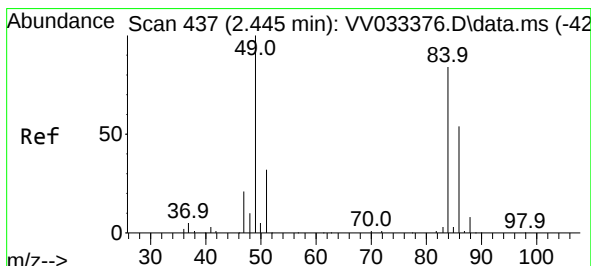
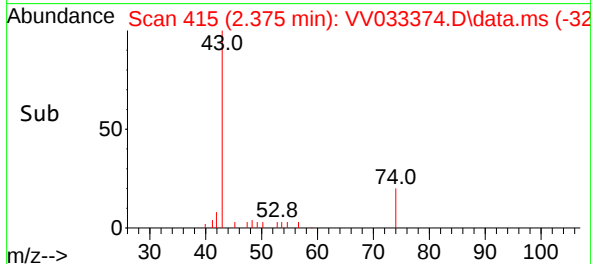
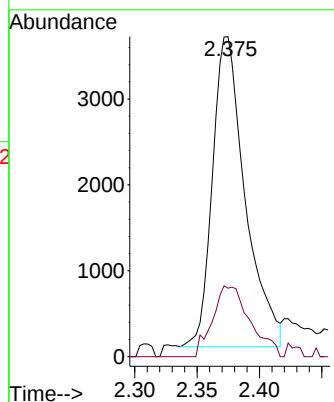
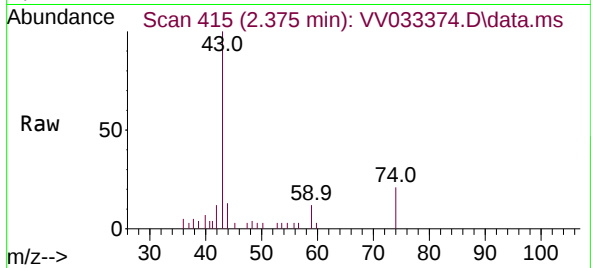




#15
Methyl Acetate
Concen: 5.892 ug/L
RT: 2.375 min Scan# 413
Delta R.T. 0.006 min
Lab File: VV033374.D
Acq: 15 Dec 2023 13:06

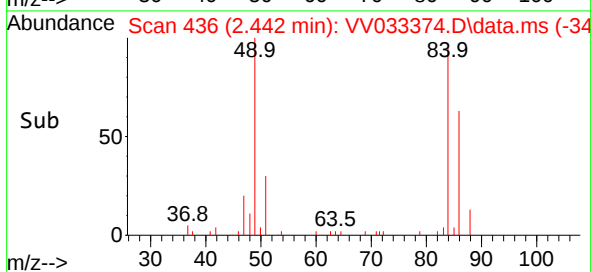
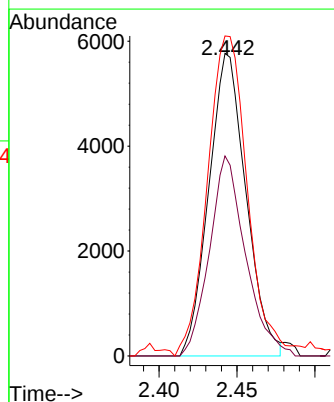
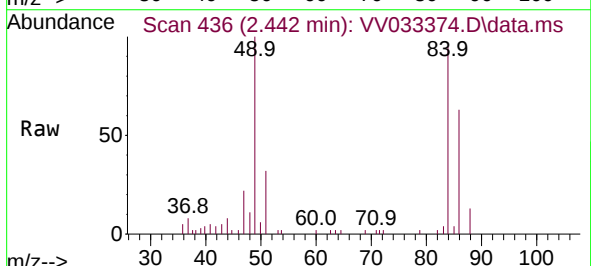
Instrument :
MSVOA_V
ClientSampleId :

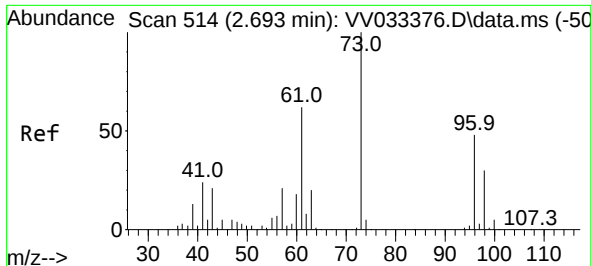
Tgt Ion: 43 Resp: 6595
Ion Ratio Lower Upper
43 100
74 6.9 20.8 31.2#



#16
Methylene chloride
Concen: 6.362 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.003 min
Lab File: VV033374.D
Acq: 15 Dec 2023 13:06

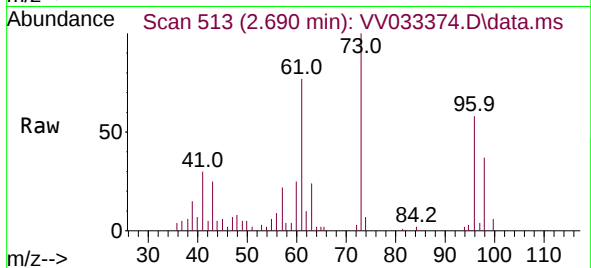
Tgt Ion: 84 Resp: 9575
Ion Ratio Lower Upper
84 100
86 66.1 45.4 84.2
49 105.8 83.3 154.7



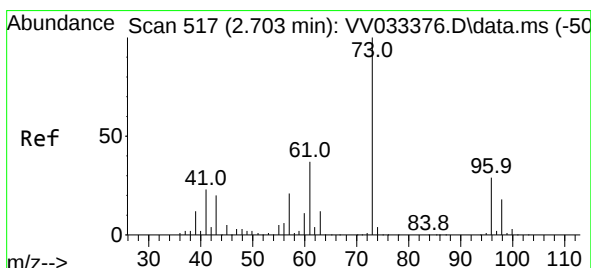
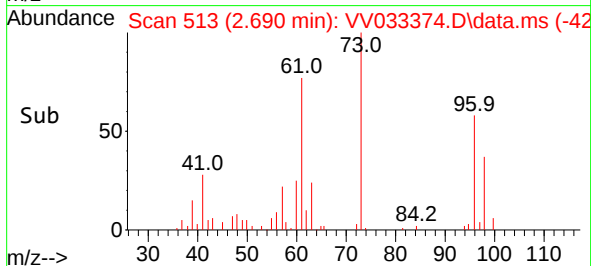
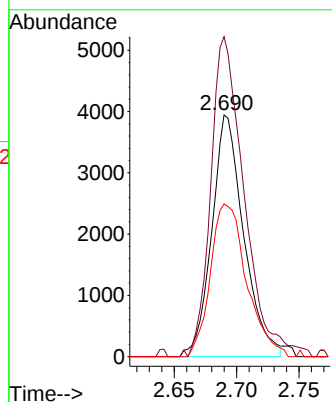


#17
trans-1,2-Dichloroethene
Concen: 4.833 ug/L
RT: 2.690 min Scan# 514
Delta R.T. -0.003 min
Lab File: VV033374.D
Acq: 15 Dec 2023 13:06

Instrument :
MSVOA_V
ClientSampleId :

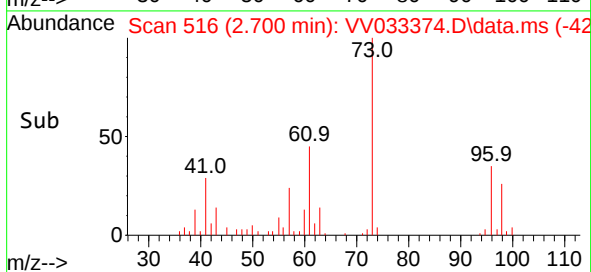
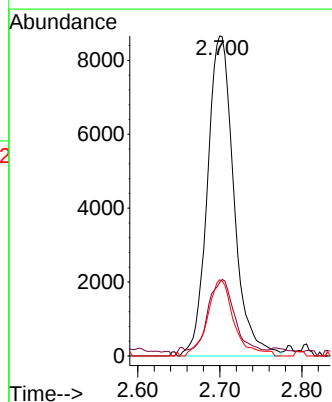
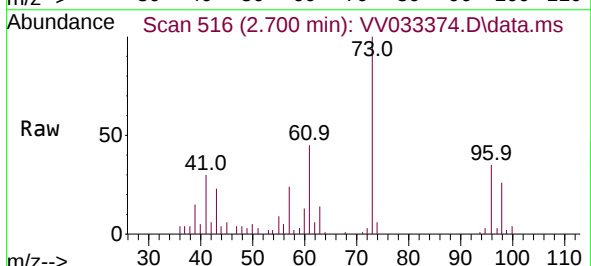


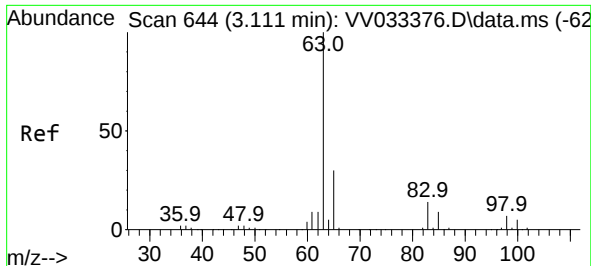
Tgt Ion: 96 Resp: 7017
Ion Ratio Lower Upper
96 100
61 132.4 89.6 166.4
98 63.2 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 4.396 ug/L
RT: 2.700 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV033374.D
Acq: 15 Dec 2023 13:06

Tgt Ion: 73 Resp: 19390
Ion Ratio Lower Upper
73 100
43 22.0 16.3 24.5
57 23.3 17.3 25.9





#19

1,1-Dichloroethane

Concen: 5.351 ug/L

RT: 3.108 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV033374.D

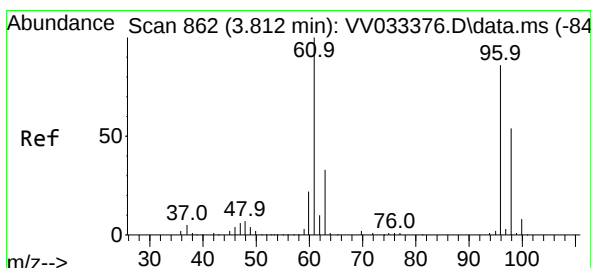
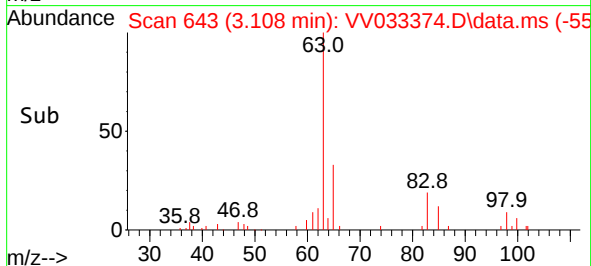
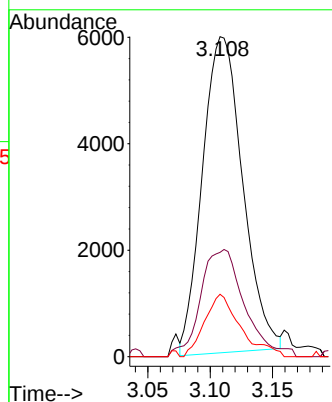
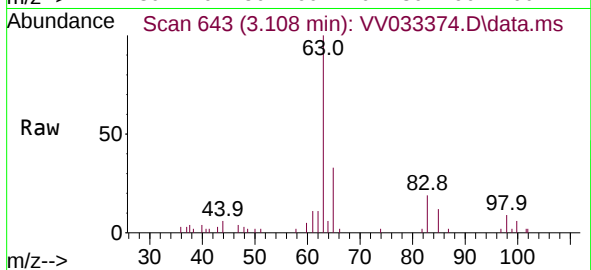
Acq: 15 Dec 2023 13:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 63	Resp:	13336
Ion Ratio	Lower	Upper
63	100	
65	32.6	21.1 39.3
83	19.5	9.7 17.9#



#20

cis-1,2-Dichloroethene

Concen: 5.028 ug/L

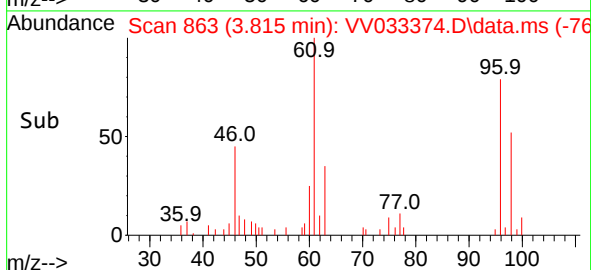
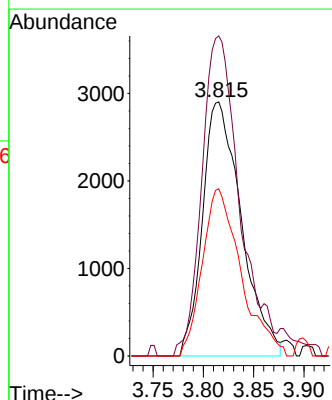
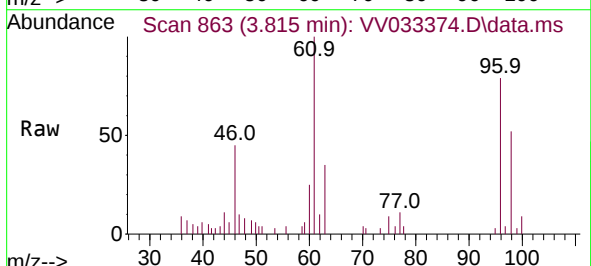
RT: 3.815 min Scan# 863

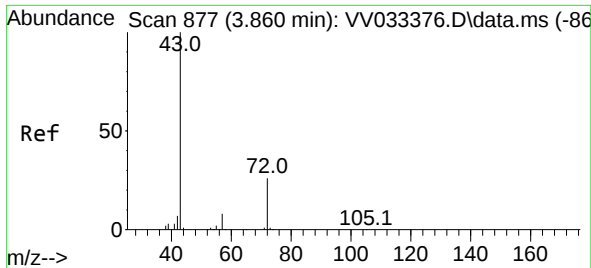
Delta R.T. 0.003 min

Lab File: VV033374.D

Acq: 15 Dec 2023 13:06

Tgt Ion: 96	Resp:	7796
Ion Ratio	Lower	Upper
96	100	
61	126.0	81.9 152.1
98	65.8	44.3 82.3

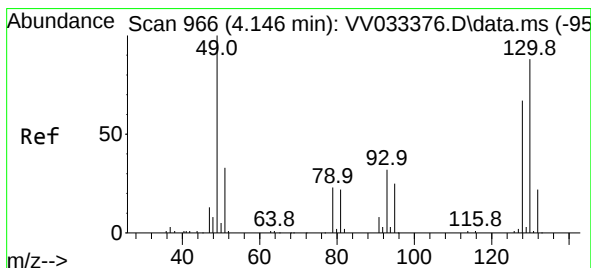
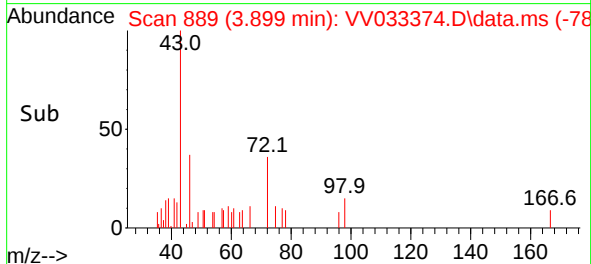
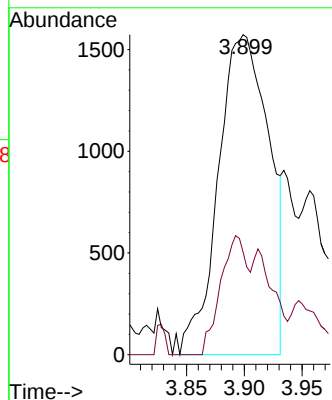
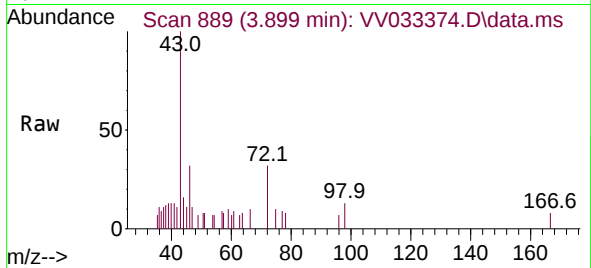




#22
2-Butanone
Concen: 5.762 ug/L
RT: 3.899 min Scan# 81
Delta R.T. 0.039 min
Lab File: VV033374.D
Acq: 15 Dec 2023 13:06

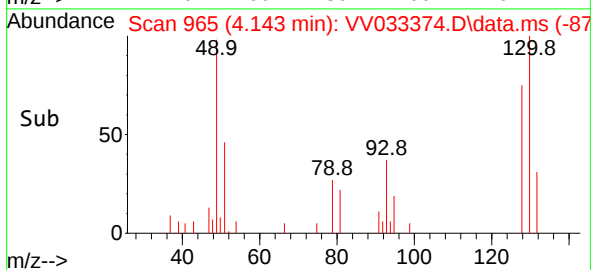
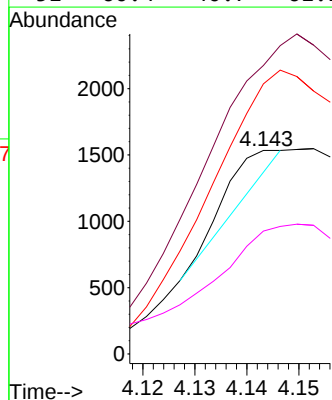
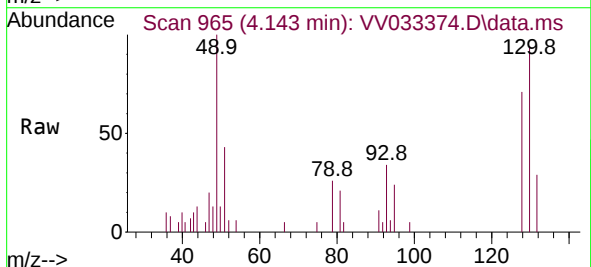
Instrument :
MSVOA_V
ClientSampleId :

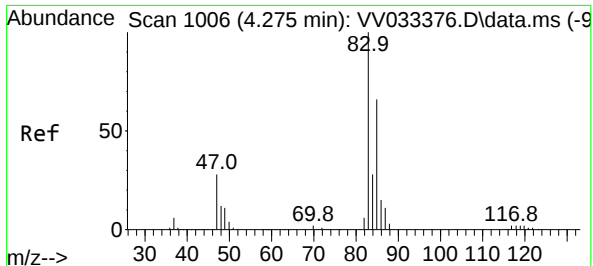
Tgt Ion: 43 Resp: 4798
Ion Ratio Lower Upper
43 100
72 19.9 12.4 37.4



#23
Bromochloromethane
Concen: 0.409 ug/L
RT: 4.143 min Scan# 965
Delta R.T. -0.003 min
Lab File: VV033374.D
Acq: 15 Dec 2023 13:06

Tgt Ion: 128 Resp: 363
Ion Ratio Lower Upper
128 100
49 141.7 106.0 196.9
130 132.7 93.6 173.8
51 60.4 40.7 61.1

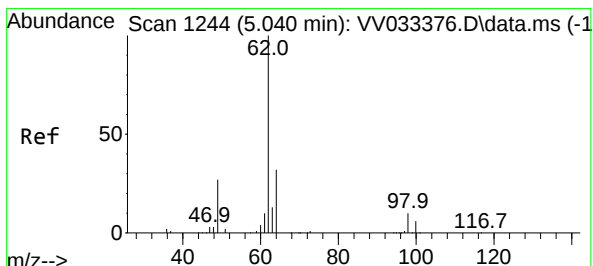
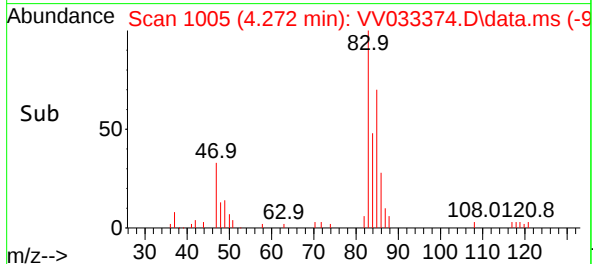
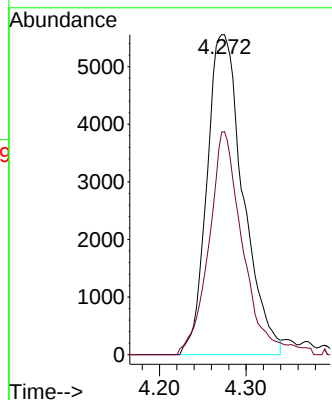
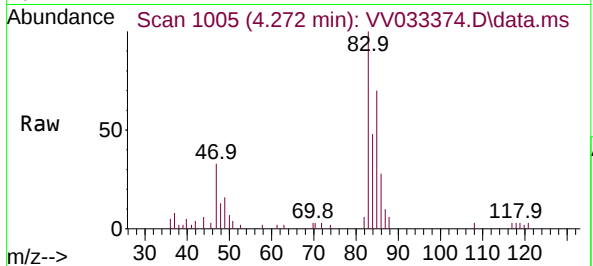




#25
Chloroform
Concen: 5.704 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. -0.003 min
Lab File: VV033374.D
Acq: 15 Dec 2023 13:06

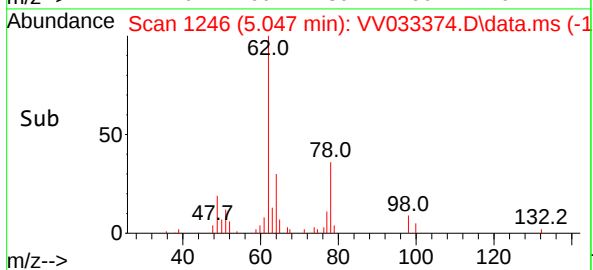
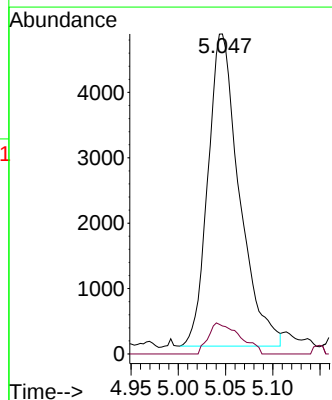
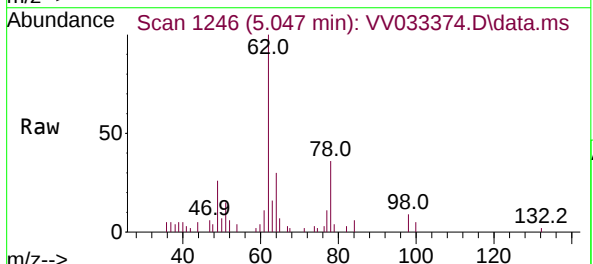
Instrument :
MSVOA_V
ClientSampleId :

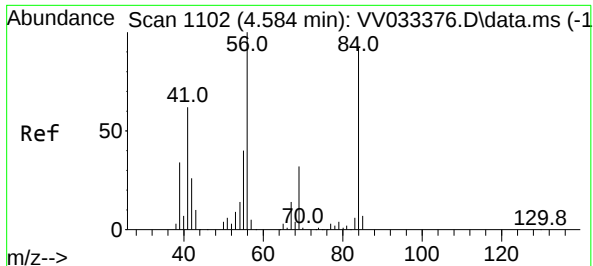
Tgt Ion: 83 Resp: 16111
Ion Ratio Lower Upper
83 100
85 69.5 46.1 85.7



#27
1,2-Dichloroethane
Concen: 4.929 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. 0.006 min
Lab File: VV033374.D
Acq: 15 Dec 2023 13:06

Tgt Ion: 62 Resp: 11019
Ion Ratio Lower Upper
62 100
98 8.8 8.0 12.0





#29

Cyclohexane

Concen: 4.171 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. -0.006 min

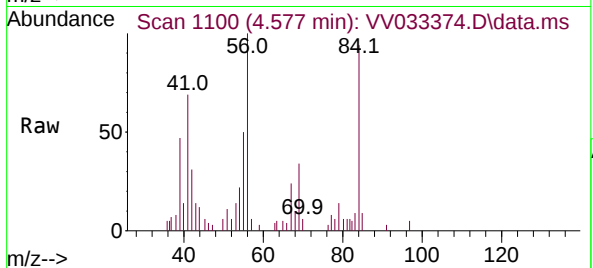
Lab File: VV033374.D

Acq: 15 Dec 2023 13:06

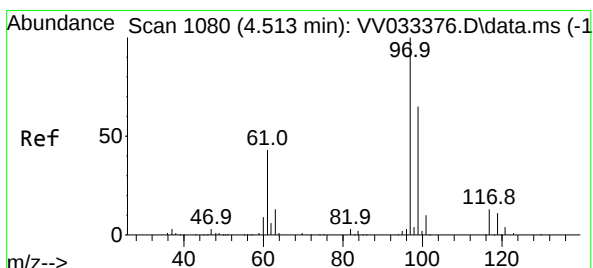
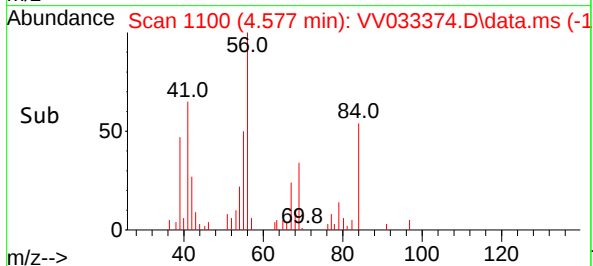
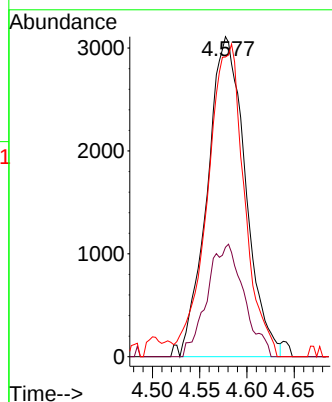
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	56	Resp:	8710
Ion	Ratio	Lower	Upper
56	100		
69	9.8	25.8	38.6#
84	0.0	75.2	112.8#



#30

1,1,1-Trichloroethane

Concen: 4.767 ug/L

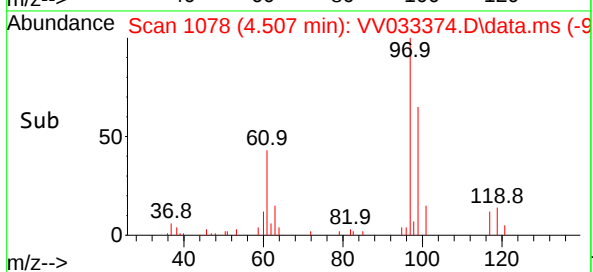
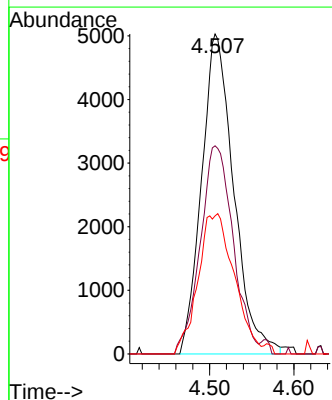
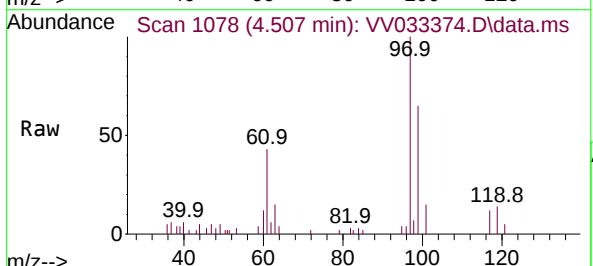
RT: 4.507 min Scan# 1078

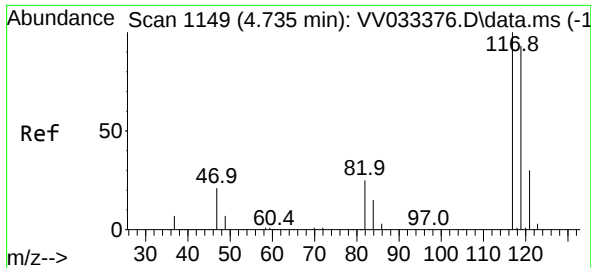
Delta R.T. -0.006 min

Lab File: VV033374.D

Acq: 15 Dec 2023 13:06

Tgt Ion:	97	Resp:	13329
Ion	Ratio	Lower	Upper
97	100		
99	66.3	51.8	77.6
61	21.3	34.8	52.2#

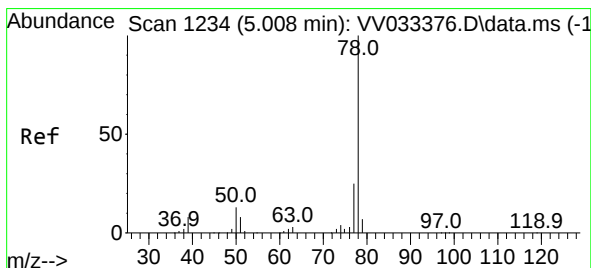
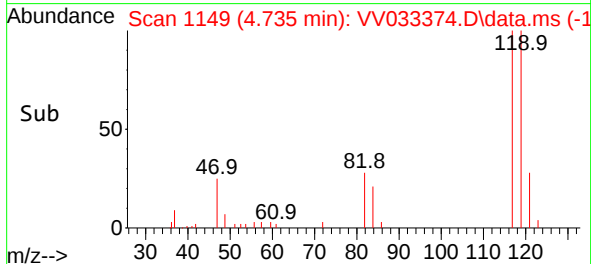
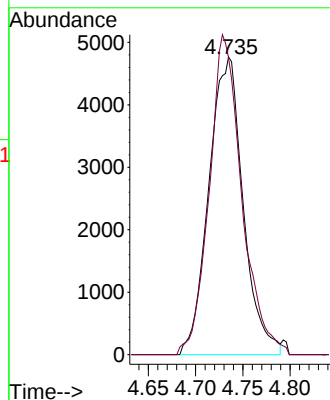
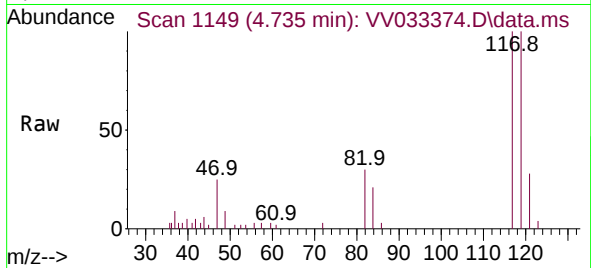




#31
Carbon tetrachloride
Concen: 4.649 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV033374.D
Acq: 15 Dec 2023 13:06

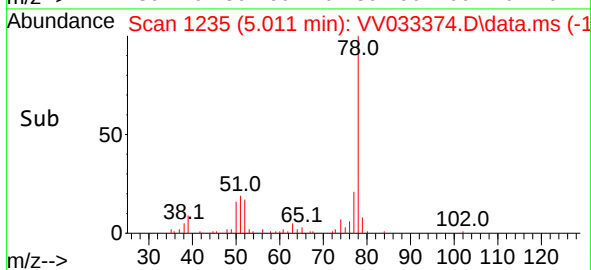
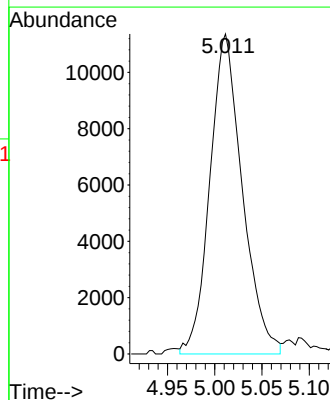
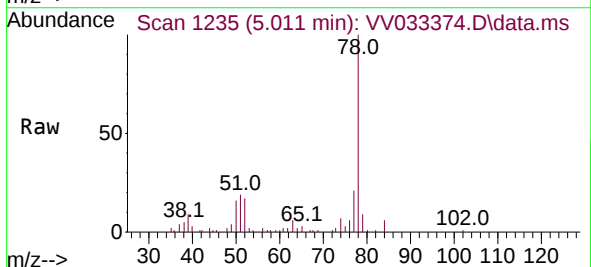
Instrument :
MSVOA_V
ClientSampleId :

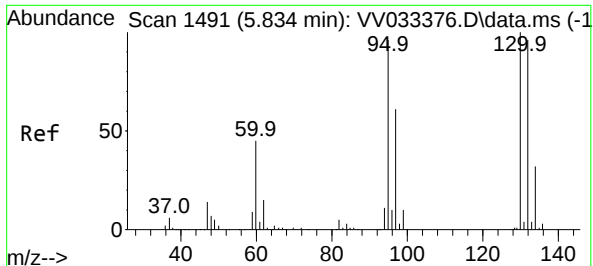
Tgt Ion:117 Resp: 12016
Ion Ratio Lower Upper
117 100
119 102.0 77.8 116.6



#33
Benzene
Concen: 4.660 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VV033374.D
Acq: 15 Dec 2023 13:06

Tgt Ion: 78 Resp: 27115



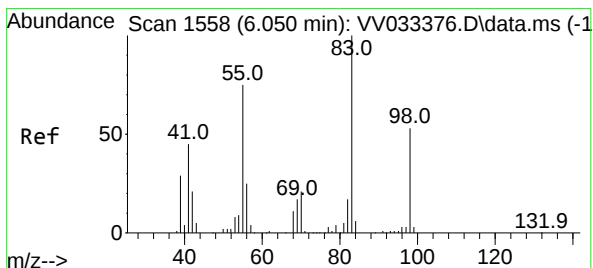
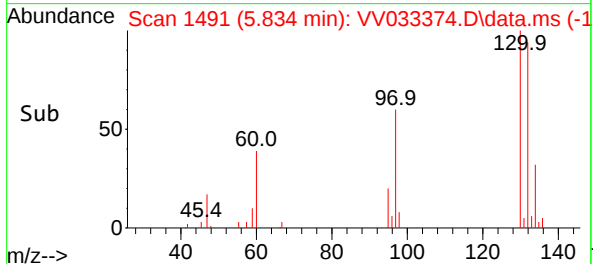
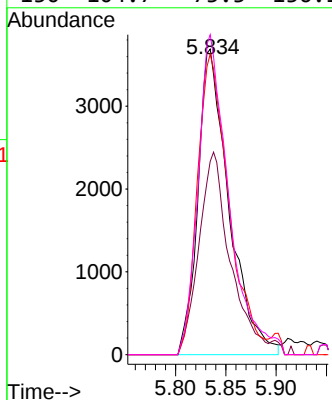
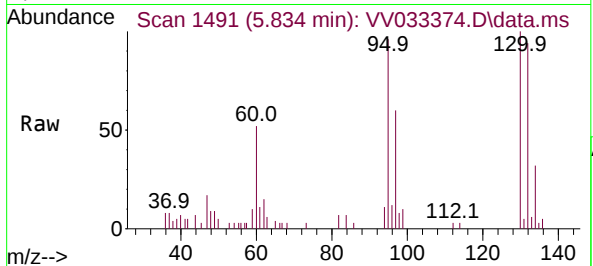


#34
Trichloroethene
Concen: 4.651 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VV033374.D
Acq: 15 Dec 2023 13:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 7930

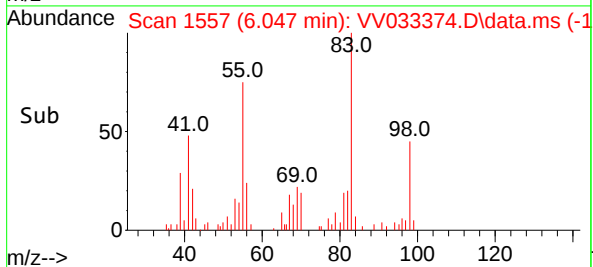
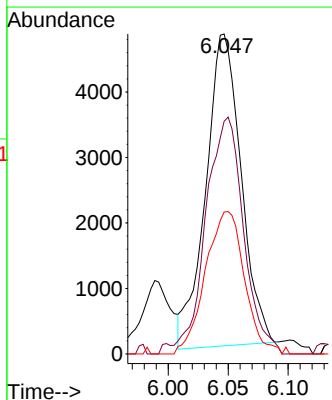
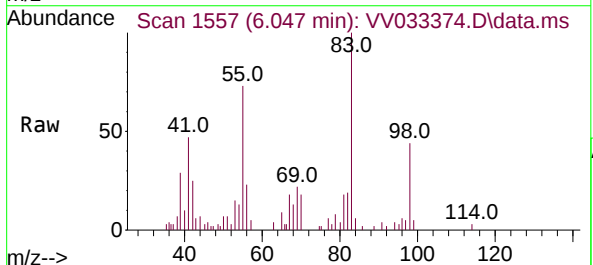
Ion	Ratio	Lower	Upper
95	100		
97	63.2	44.8	83.2
132	98.3	69.9	129.7
130	104.7	73.3	136.1

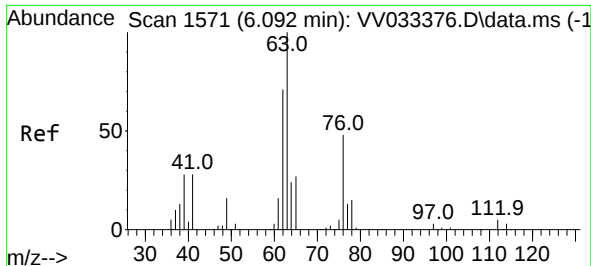


#35
Methylcyclohexane
Concen: 3.965 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. -0.003 min
Lab File: VV033374.D
Acq: 15 Dec 2023 13:06

Tgt Ion: 83 Resp: 9766

Ion	Ratio	Lower	Upper
83	100		
55	81.0	58.6	88.0
98	50.4	40.9	61.3





#37

1,2-Dichloropropane

Concen: 5.503 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV033374.D

Acq: 15 Dec 2023 13:06

Instrument :

MSVOA_V

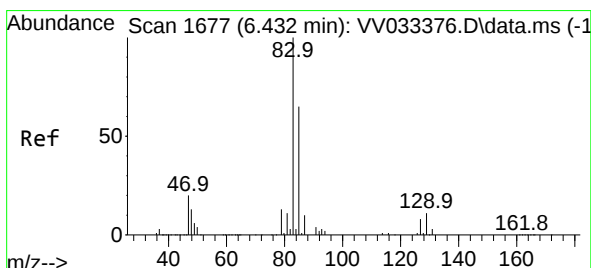
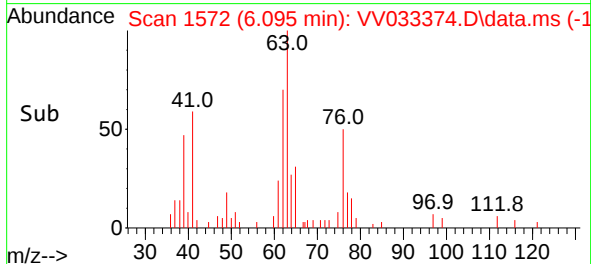
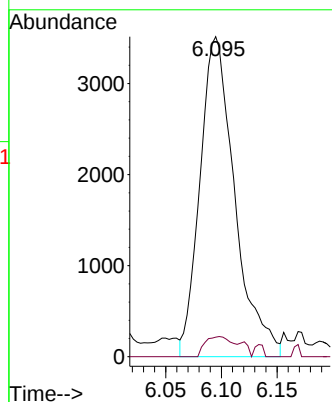
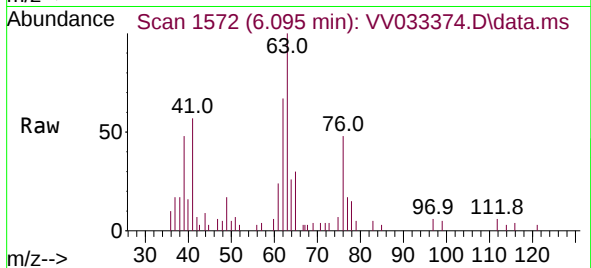
ClientSampleId :

Tgt Ion: 63 Resp: 7652

Ion Ratio Lower Upper

63 100

112 4.9 3.7 5.5



#38

Bromodichloromethane

Concen: 5.305 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VV033374.D

Acq: 15 Dec 2023 13:06

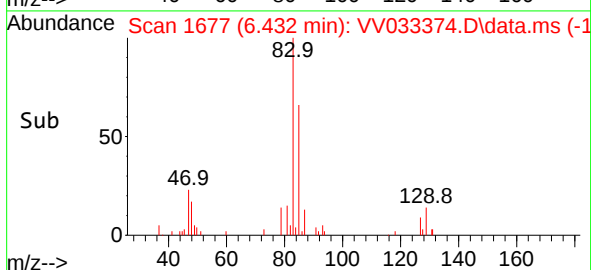
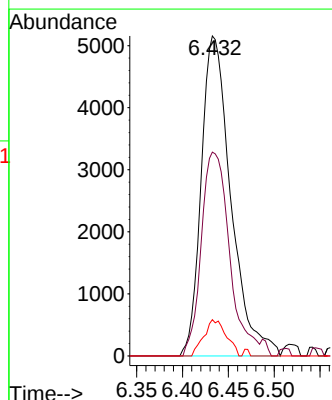
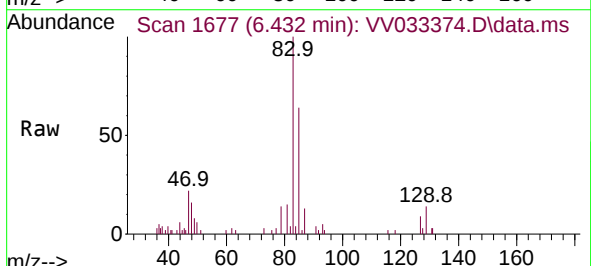
Tgt Ion: 83 Resp: 11589

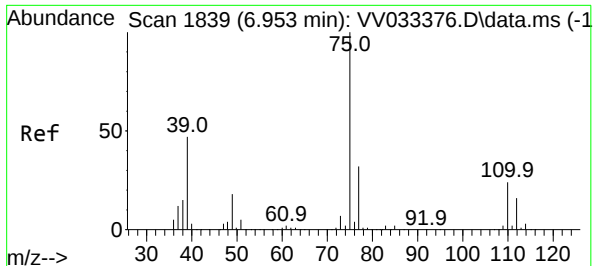
Ion Ratio Lower Upper

83 100

85 63.7 45.2 84.0

127 11.3 6.8 10.2#





#39

cis-1,3-Dichloropropene

Concen: 3.979 ug/L

RT: 6.960 min Scan# 1839

Delta R.T. 0.007 min

Lab File: VV033374.D

Acq: 15 Dec 2023 13:06

Instrument :

MSVOA_V

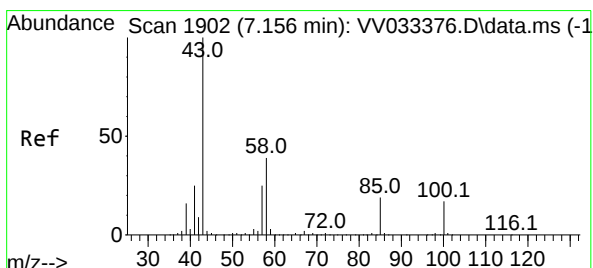
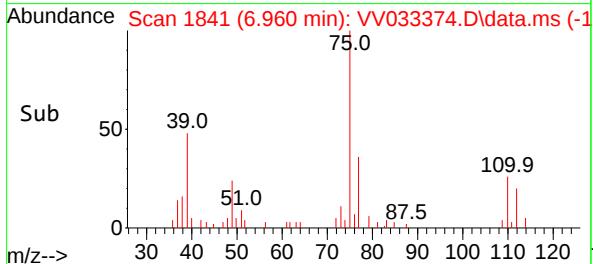
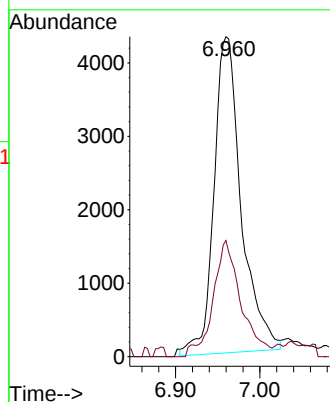
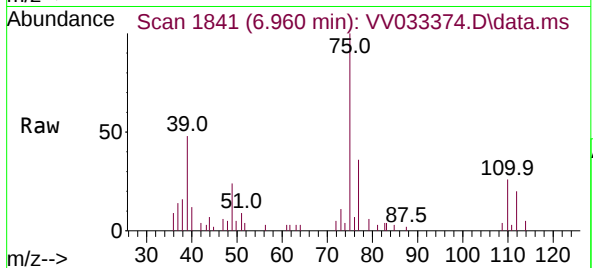
ClientSampleId :

Tgt Ion: 75 Resp: 9670

Ion Ratio Lower Upper

75 100

77 36.3 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 8.157 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VV033374.D

Acq: 15 Dec 2023 13:06

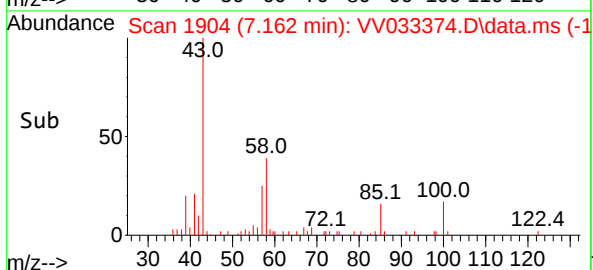
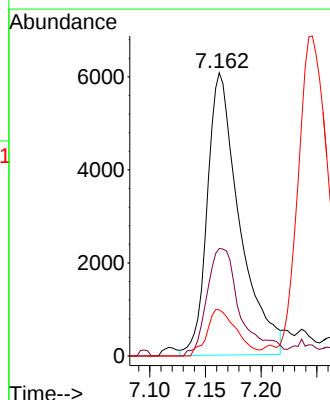
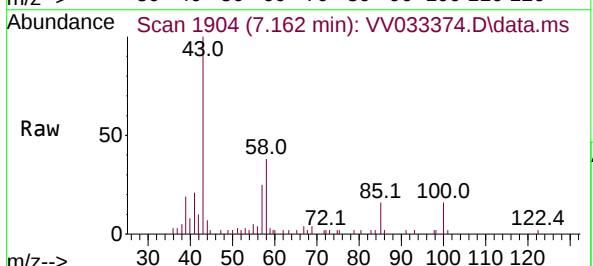
Tgt Ion: 43 Resp: 12263

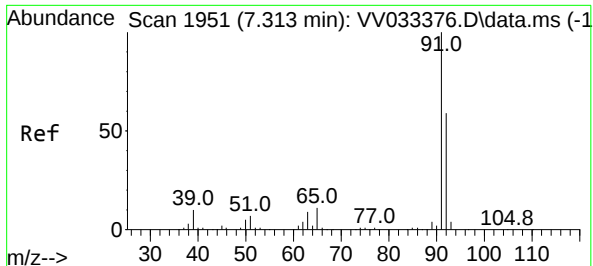
Ion Ratio Lower Upper

43 100

58 32.9 30.7 46.1

100 15.2 13.6 20.4





#42

Toluene

Concen: 4.032 ug/L

RT: 7.317 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV033374.D

Acq: 15 Dec 2023 13:06

Instrument :

MSVOA_V

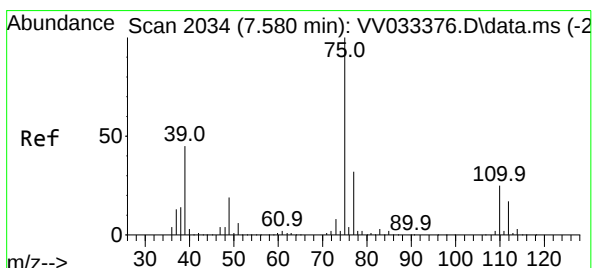
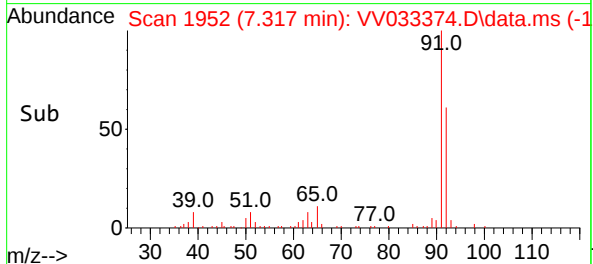
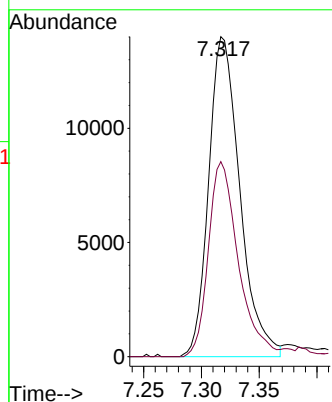
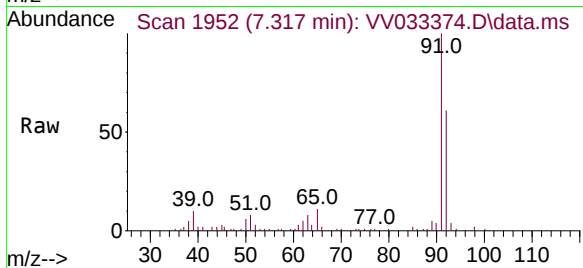
ClientSampleId :

Tgt Ion: 91 Resp: 26307

Ion Ratio Lower Upper

91 100

92 61.0 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 3.948 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.006 min

Lab File: VV033374.D

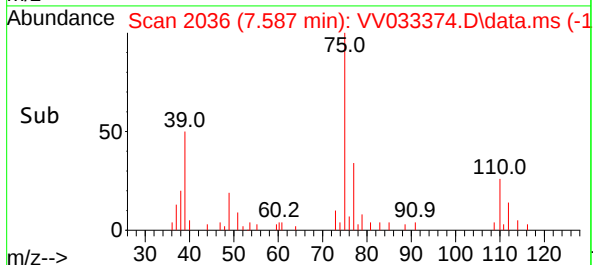
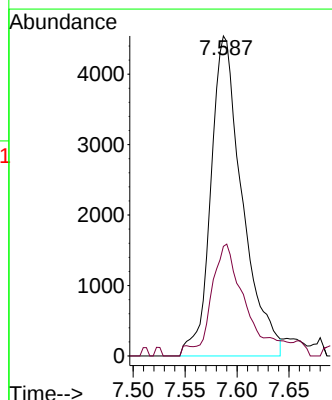
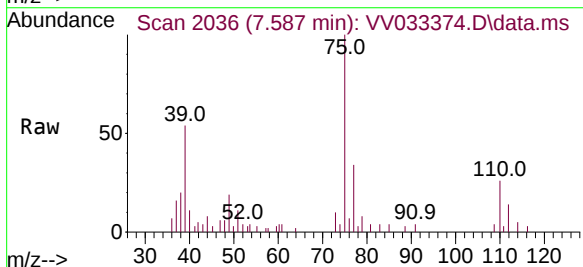
Acq: 15 Dec 2023 13:06

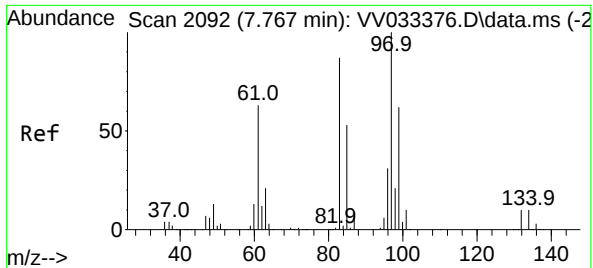
Tgt Ion: 75 Resp: 9544

Ion Ratio Lower Upper

75 100

77 34.2 22.4 41.6

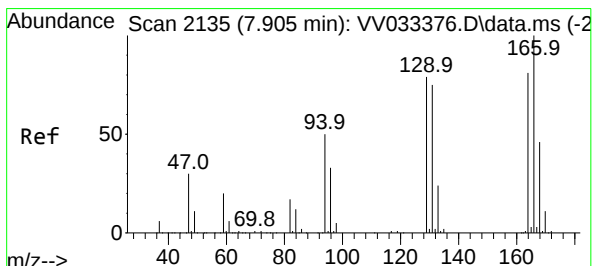
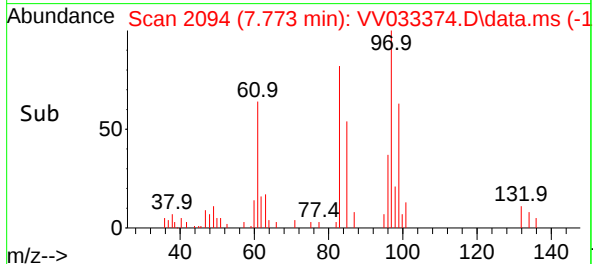
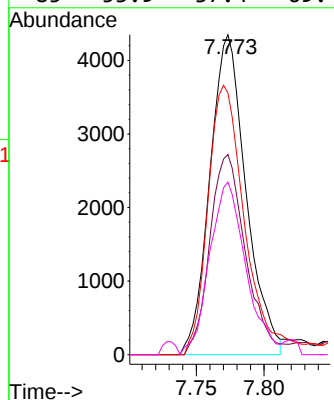
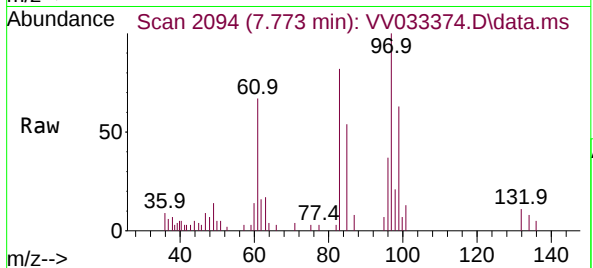




#45
1,1,2-Trichloroethane
Concen: 5.090 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.006 min
Lab File: VV033374.D
Acq: 15 Dec 2023 13:06

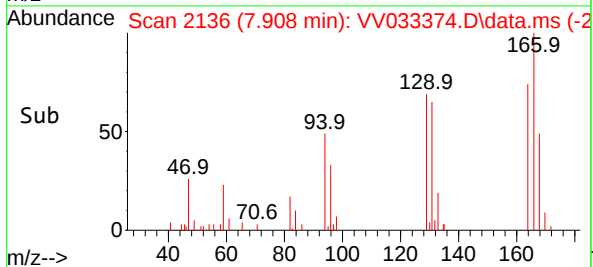
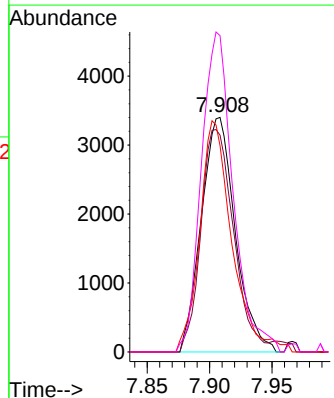
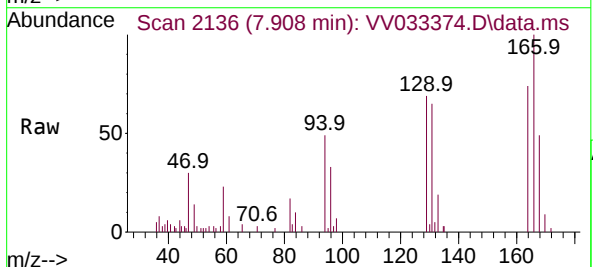
Instrument :
MSVOA_V
ClientSampleId :

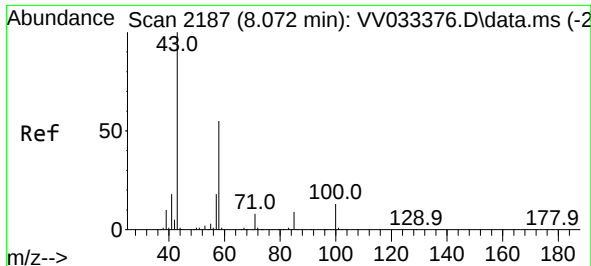
Tgt Ion:	97	Resp:	8064
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.5	80.7
83	81.8	61.0	113.4
85	53.9	37.4	69.4



#46
Tetrachloroethene
Concen: 4.484 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV033374.D
Acq: 15 Dec 2023 13:06

Tgt Ion:	164	Resp:	6455
Ion	Ratio	Lower	Upper
164	100		
129	92.4	68.9	127.9
131	87.9	65.3	121.3
166	134.8	86.9	161.3

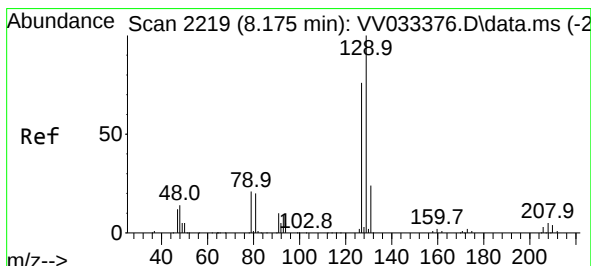
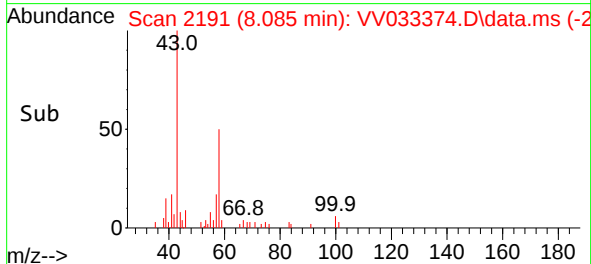
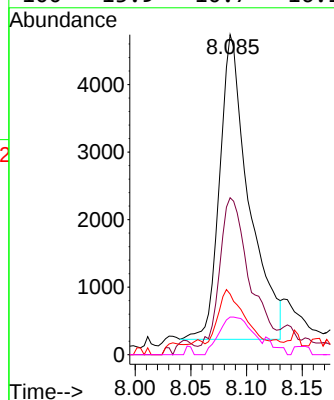
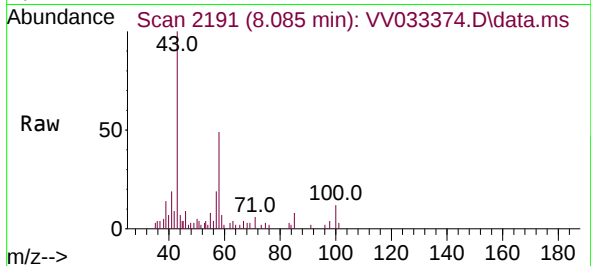




#48
2-Hexanone
Concen: 6.622 ug/L
RT: 8.085 min Scan# 2187
Delta R.T. 0.013 min
Lab File: VV033374.D
Acq: 15 Dec 2023 13:06

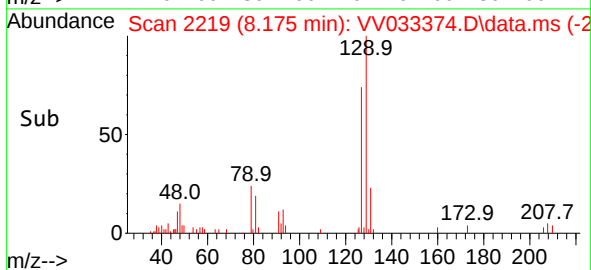
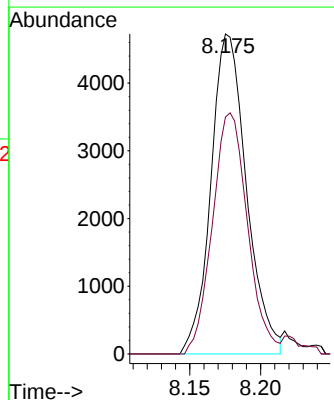
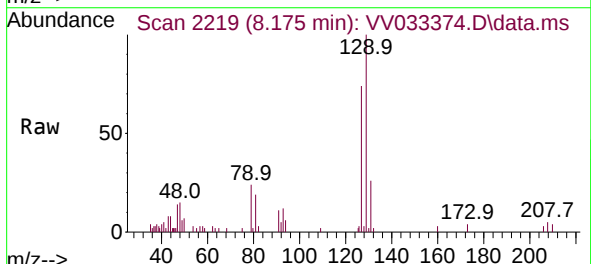
Instrument :
MSVOA_V
ClientSampleId :

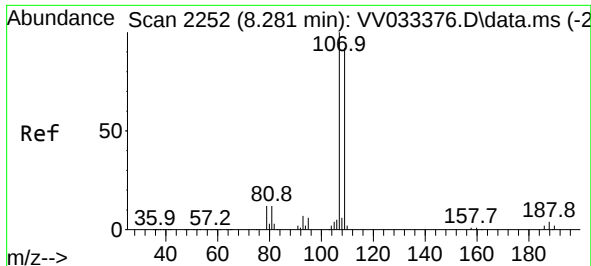
Tgt Ion: 43	Resp: 8195
Ion Ratio	Lower Upper
43 100	
58 51.1	43.0 64.6
57 15.9	14.7 22.1
100 13.9	10.7 16.1



#49
Dibromochloromethane
Concen: 4.498 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV033374.D
Acq: 15 Dec 2023 13:06

Tgt Ion:129	Resp:	8261	
Ion	Ratio	Lower	Upper
129	100		
127	74.0	53.3	98.9





#50

1,2-Dibromoethane

Concen: 4.806 ug/L

RT: 8.284 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV033374.D

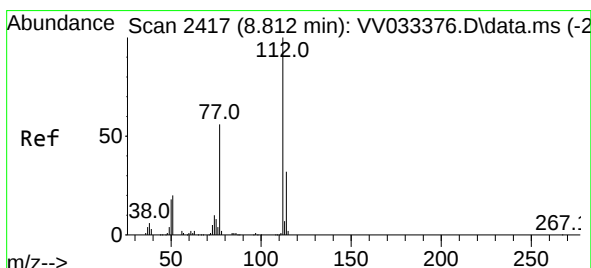
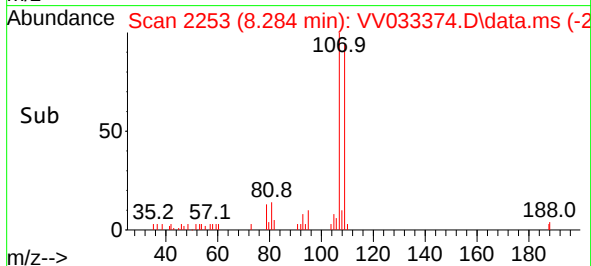
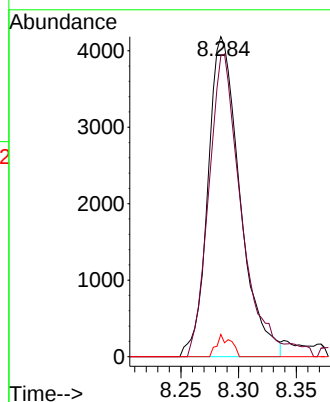
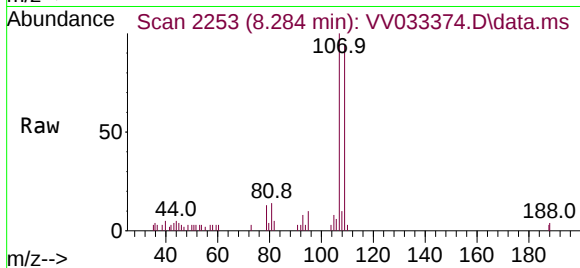
Acq: 15 Dec 2023 13:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	8056
Ion	Ratio	Lower	Upper
107	100		
109	94.0	64.2	119.2
188	7.0	2.9	4.3#



#51

Chlorobenzene

Concen: 4.973 ug/L

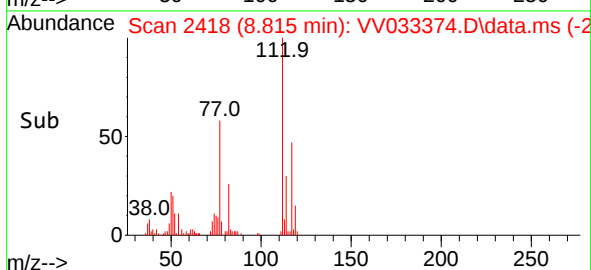
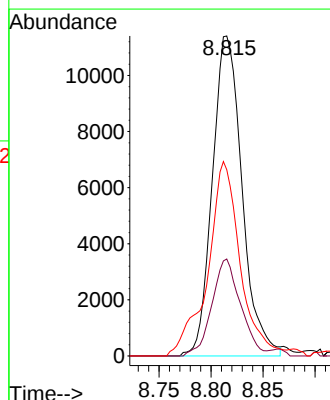
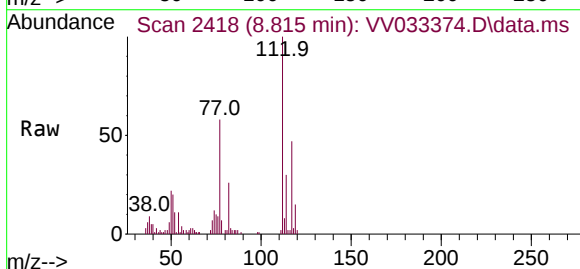
RT: 8.815 min Scan# 2418

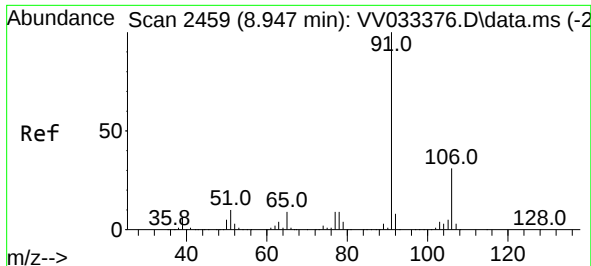
Delta R.T. 0.003 min

Lab File: VV033374.D

Acq: 15 Dec 2023 13:06

Tgt Ion:	112	Resp:	22685
Ion	Ratio	Lower	Upper
112	100		
114	30.3	22.5	41.7
77	58.2	45.2	67.8

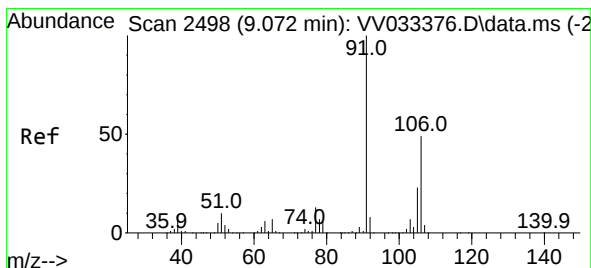
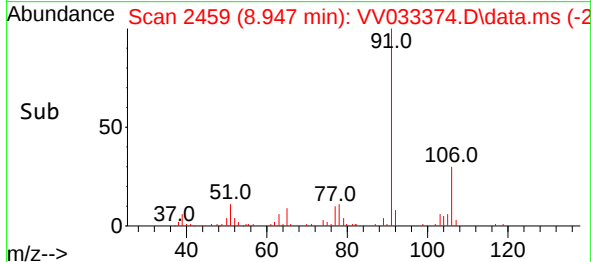
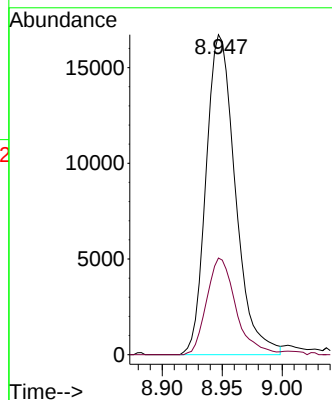
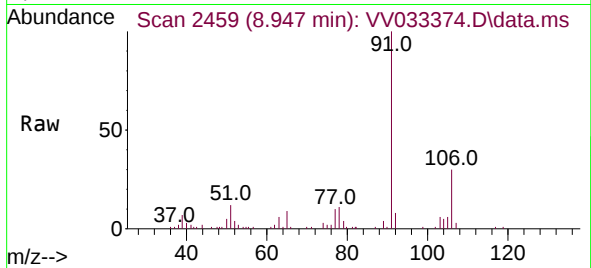




#52
Ethylbenzene
Concen: 3.829 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.000 min
Lab File: VV033374.D
Acq: 15 Dec 2023 13:06

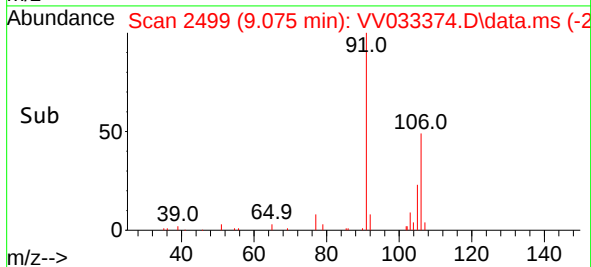
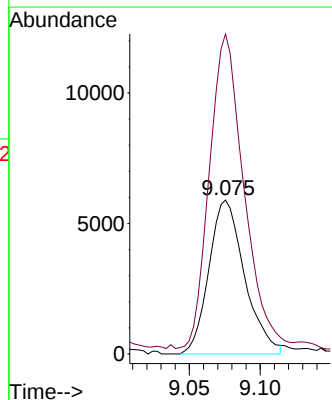
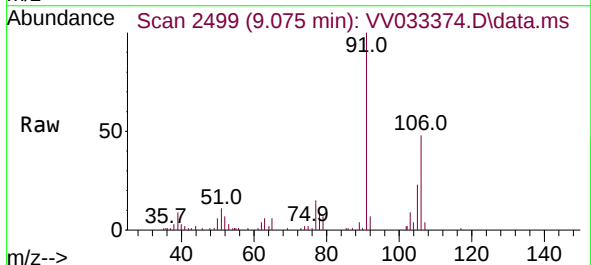
Instrument :
MSVOA_V
ClientSampleId :

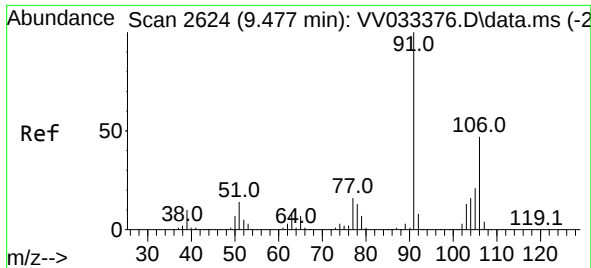
Tgt Ion: 91 Resp: 28435
Ion Ratio Lower Upper
91 100
106 30.2 21.6 40.2



#53
m,p-Xylene
Concen: 3.530 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.003 min
Lab File: VV033374.D
Acq: 15 Dec 2023 13:06

Tgt Ion: 106 Resp: 10330
Ion Ratio Lower Upper
106 100
91 207.8 143.0 265.6

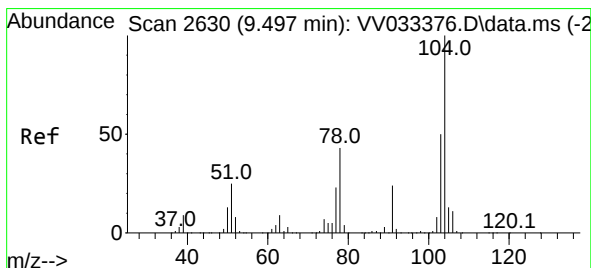
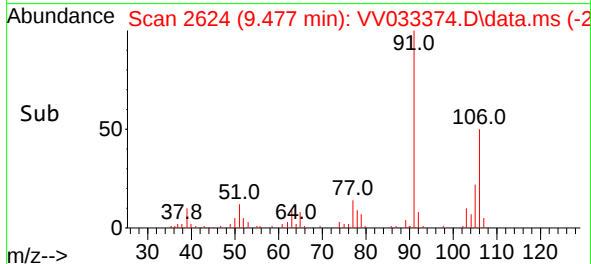
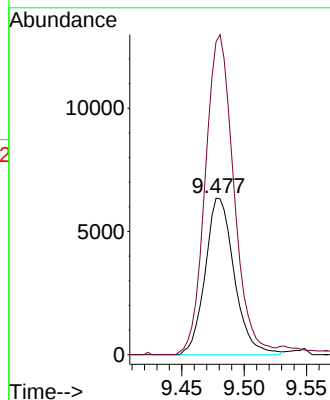
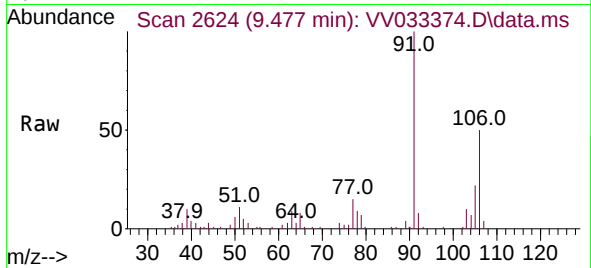




#54
o-Xylene
Concen: 3.595 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV033374.D
Acq: 15 Dec 2023 13:06

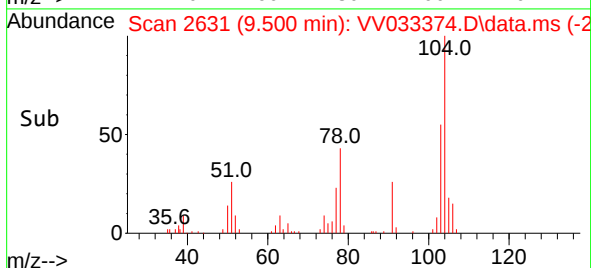
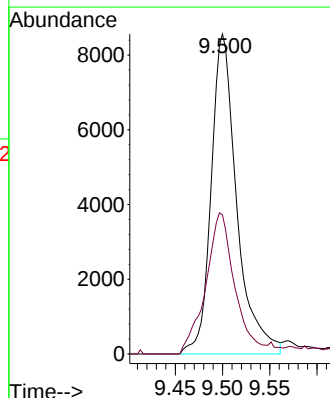
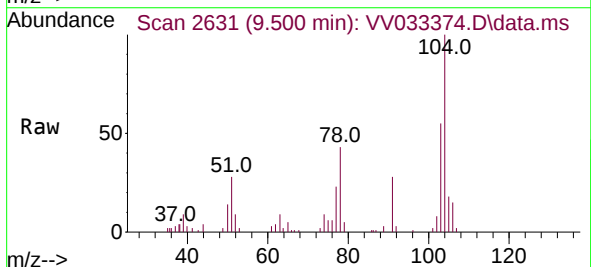
Instrument :
MSVOA_V
ClientSampleId :

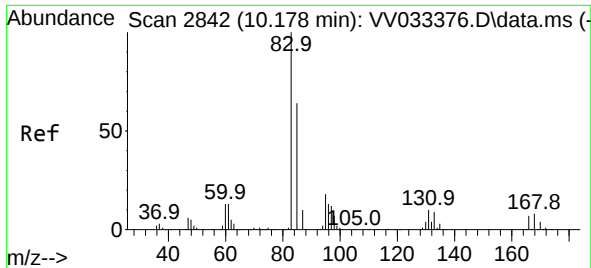
Tgt Ion:106 Resp: 10311
Ion Ratio Lower Upper
106 100
91 199.9 149.7 278.1



#55
Styrene
Concen: 3.224 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.003 min
Lab File: VV033374.D
Acq: 15 Dec 2023 13:06

Tgt Ion:104 Resp: 16146
Ion Ratio Lower Upper
104 100
78 43.4 30.2 56.2

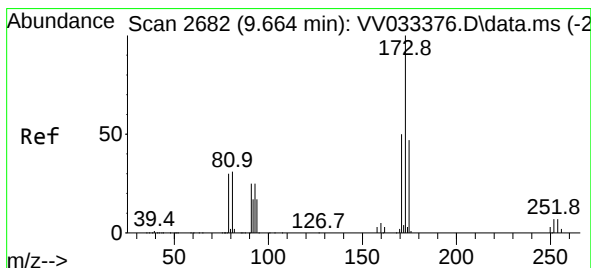
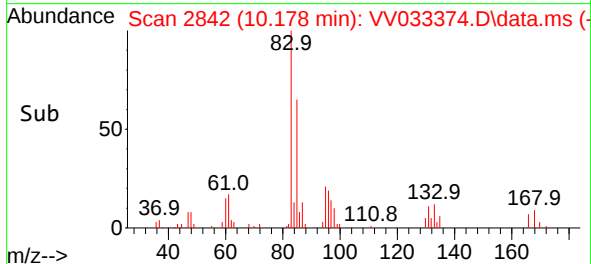
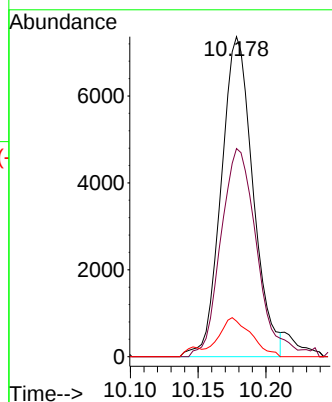
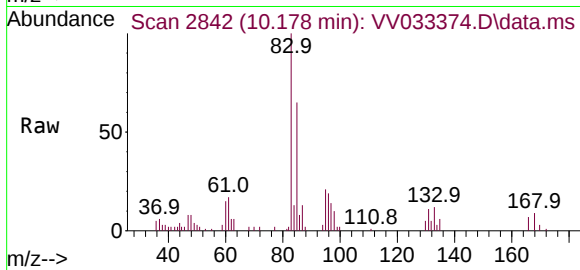




#57
1,1,2,2-Tetrachloroethane
Concen: 5.380 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VV033374.D
Acq: 15 Dec 2023 13:06

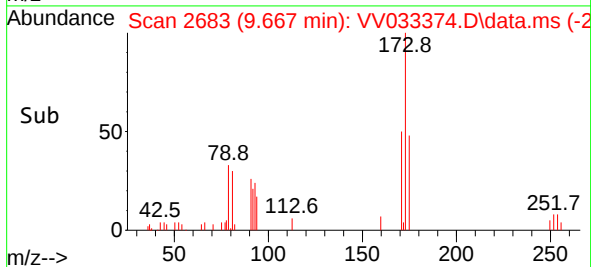
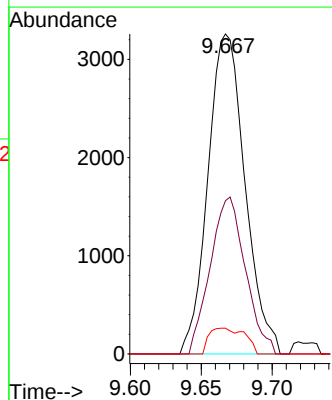
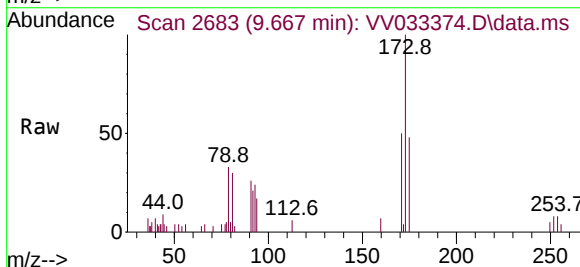
Instrument :
MSVOA_V
ClientSampleId :

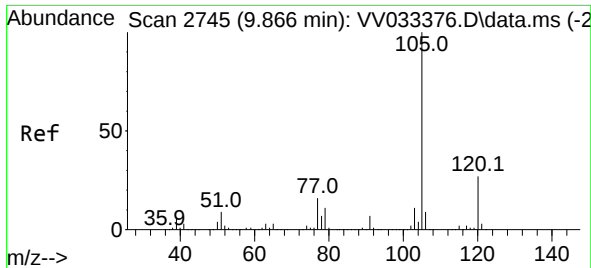
Tgt Ion: 83 Resp: 12019
Ion Ratio Lower Upper
83 100
85 65.1 44.8 83.2
131 11.1 8.6 12.8



#59
Bromoform
Concen: 4.897 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.003 min
Lab File: VV033374.D
Acq: 15 Dec 2023 13:06

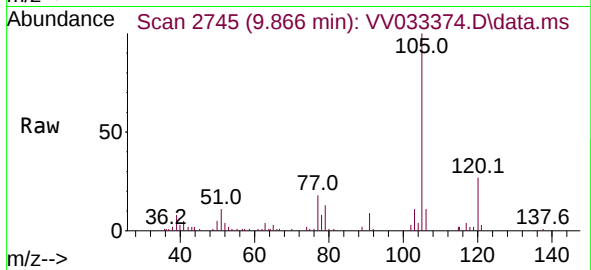
Tgt Ion: 173 Resp: 5932
Ion Ratio Lower Upper
173 100
175 46.5 38.8 58.2
254 5.3 5.8 8.8#



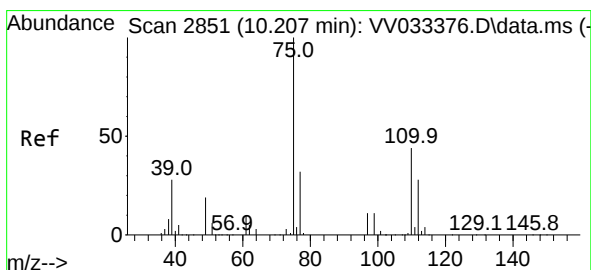
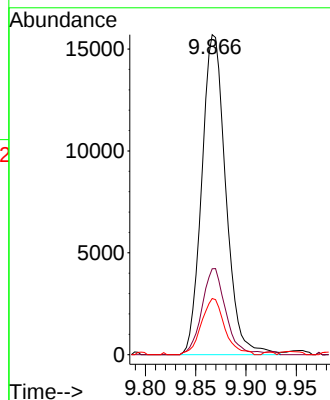
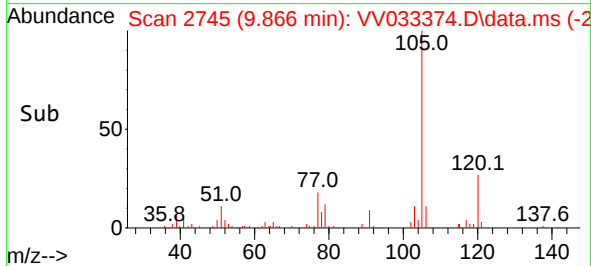


#60
Isopropylbenzene
Concen: 3.984 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV033374.D
Acq: 15 Dec 2023 13:06

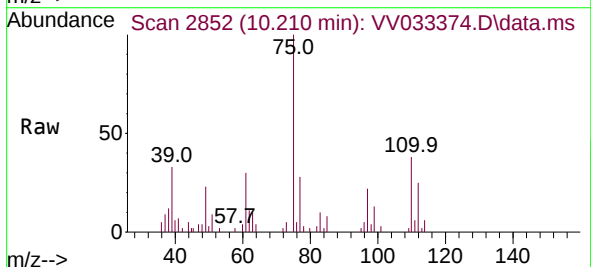
Instrument :
MSVOA_V
ClientSampleId :



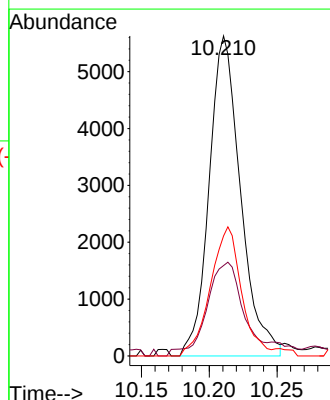
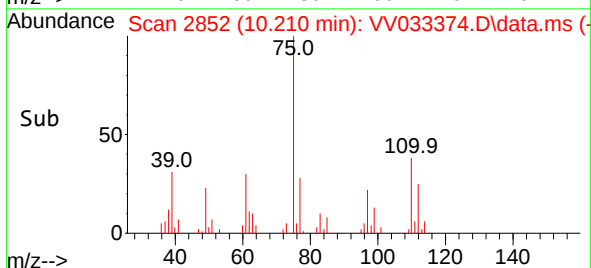
Tgt Ion:105 Resp: 26069
Ion Ratio Lower Upper
105 100
120 26.3 21.2 31.8
77 17.0 12.5 18.7

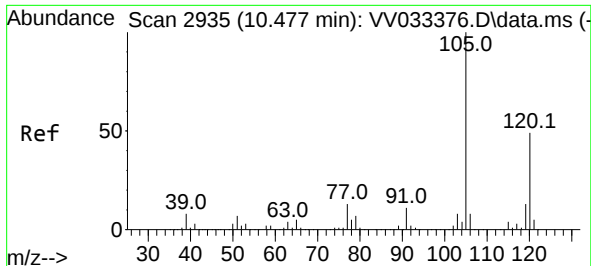


#61
1,2,3-Trichloropropane
Concen: 6.007 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VV033374.D
Acq: 15 Dec 2023 13:06



Tgt Ion: 75 Resp: 9066
Ion Ratio Lower Upper
75 100
77 27.4 25.7 38.5
110 40.0 33.9 50.9





#62

1,3,5-Trimethylbenzene

Concen: 3.509 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. 0.000 min

Lab File: VV033374.D

Acq: 15 Dec 2023 13:06

Instrument :

MSVOA_V

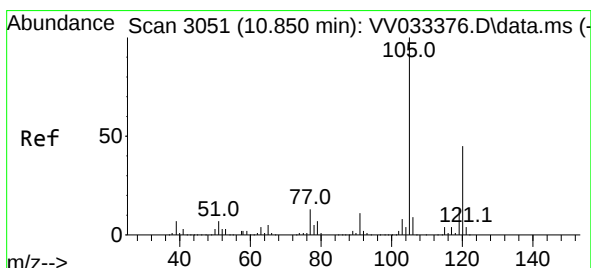
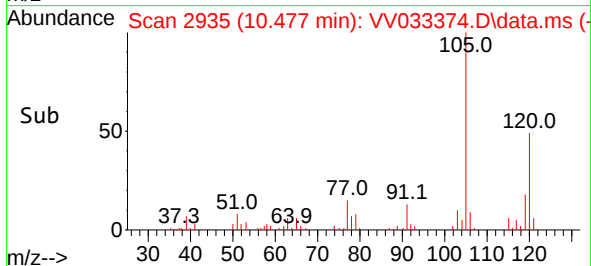
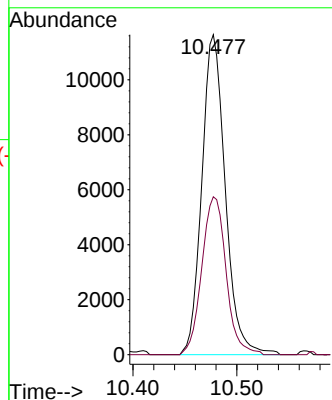
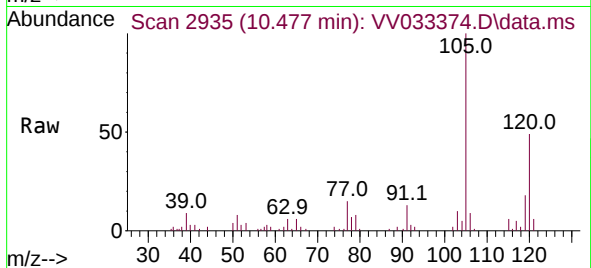
ClientSampleId :

Tgt Ion:105 Resp: 18259

Ion Ratio Lower Upper

105 100

120 51.1 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 3.355 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV033374.D

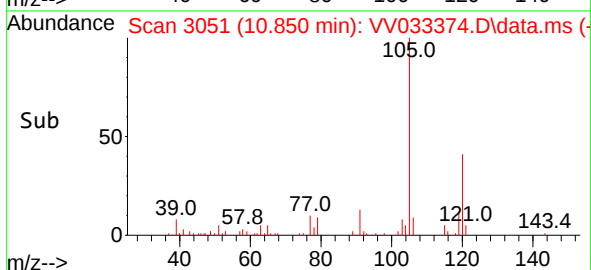
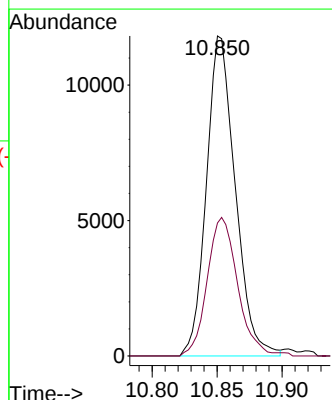
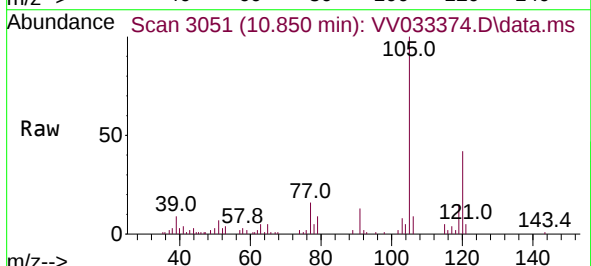
Acq: 15 Dec 2023 13:06

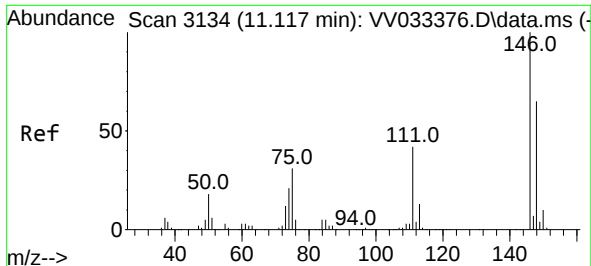
Tgt Ion:105 Resp: 18235

Ion Ratio Lower Upper

105 100

120 45.5 36.2 54.4

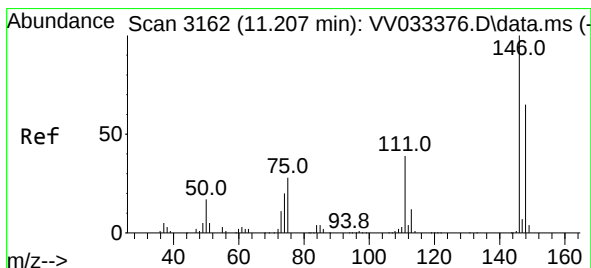
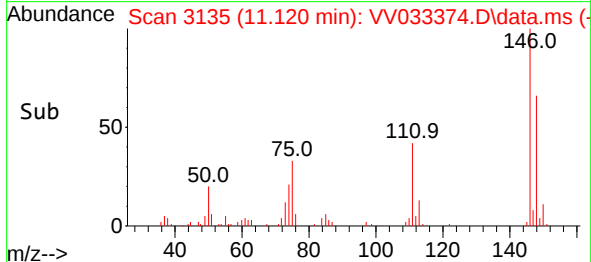
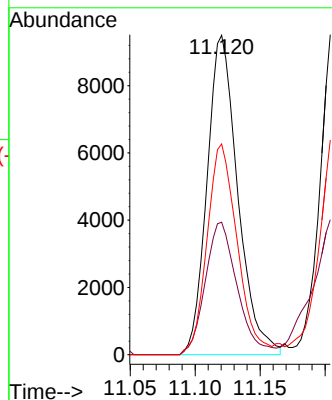
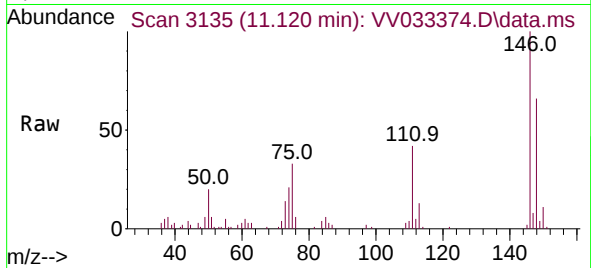




#64
1,3-Dichlorobenzene
Concen: 4.508 ug/L
RT: 11.120 min Scan# 3134
Delta R.T. 0.003 min
Lab File: VV033374.D
Acq: 15 Dec 2023 13:06

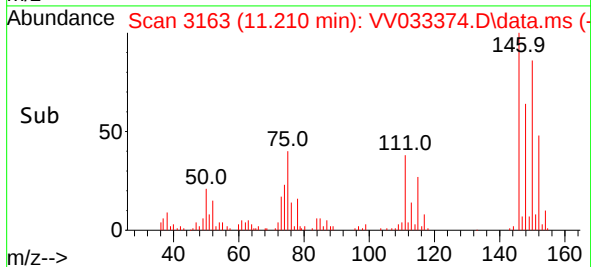
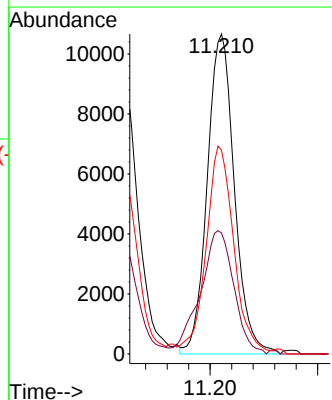
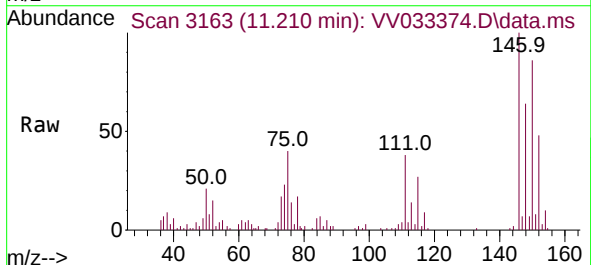
Instrument :
MSVOA_V
ClientSampleId :

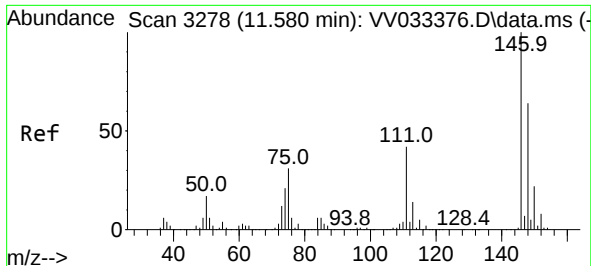
Tgt Ion:146 Resp: 15613
Ion Ratio Lower Upper
146 100
111 41.5 29.3 54.5
148 66.0 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 5.168 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV033374.D
Acq: 15 Dec 2023 13:06

Tgt Ion:146 Resp: 18677
Ion Ratio Lower Upper
146 100
111 37.8 27.9 51.7
148 63.7 45.5 84.5

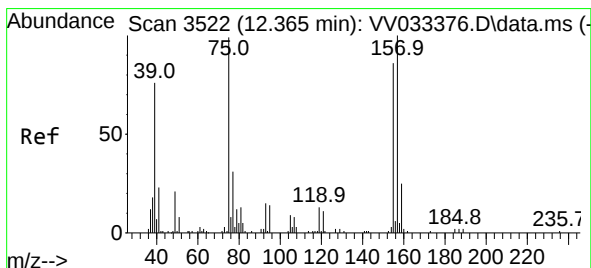
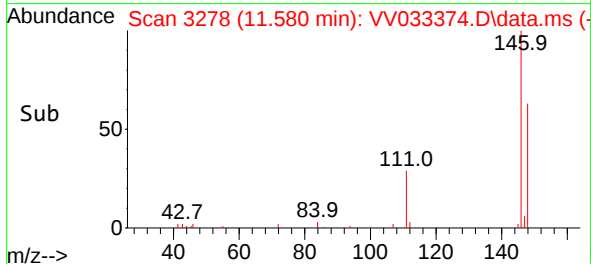
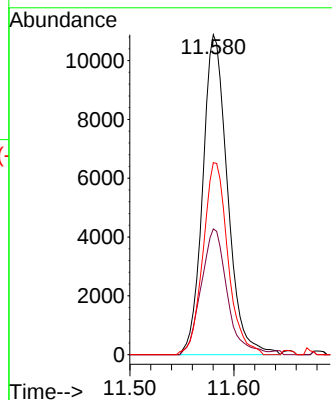
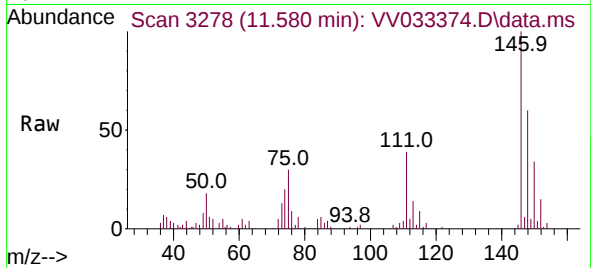




#67
1,2-Dichlorobenzene
Concen: 5.263 ug/L
RT: 11.580 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV033374.D
Acq: 15 Dec 2023 13:06

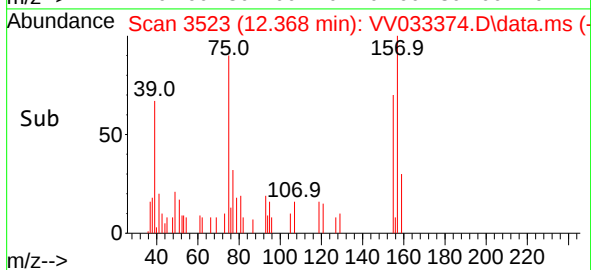
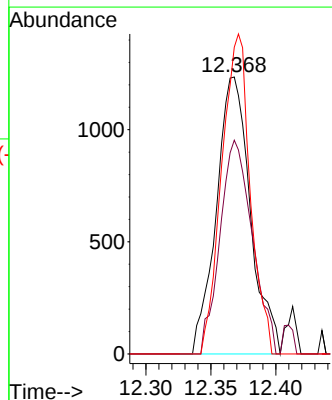
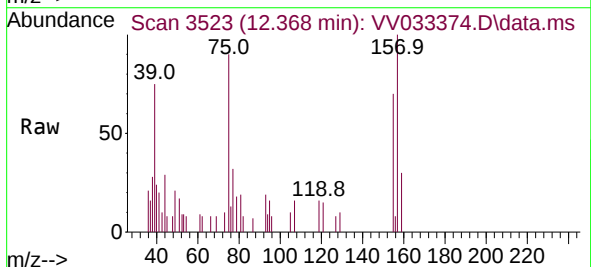
Instrument :
MSVOA_V
ClientSampleId :

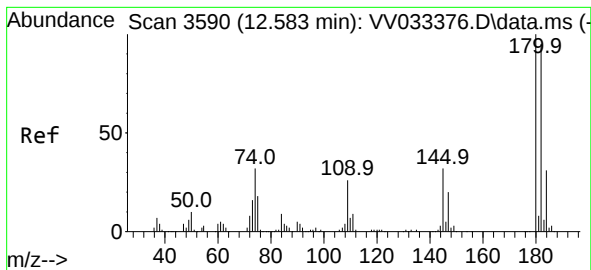
Tgt Ion:146 Resp: 18046
Ion Ratio Lower Upper
146 100
111 39.3 33.5 50.3
148 60.0 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.045 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. 0.003 min
Lab File: VV033374.D
Acq: 15 Dec 2023 13:06

Tgt Ion: 75 Resp: 2256
Ion Ratio Lower Upper
75 100
155 77.2 69.4 104.0
157 110.8 81.1 121.7





#69

1,3,5-Trichlorobenzene

Concen: 3.911 ug/L

RT: 12.587 min Scan# 3591

Delta R.T. 0.003 min

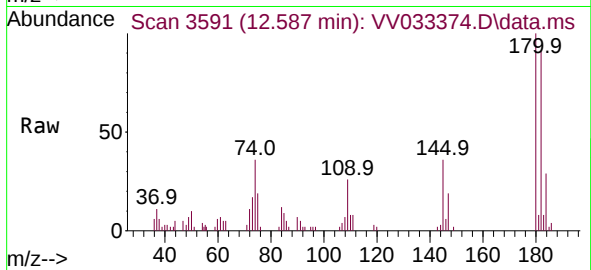
Lab File: VV033374.D

Acq: 15 Dec 2023 13:06

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 10544

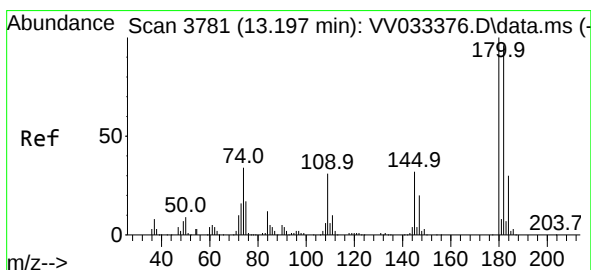
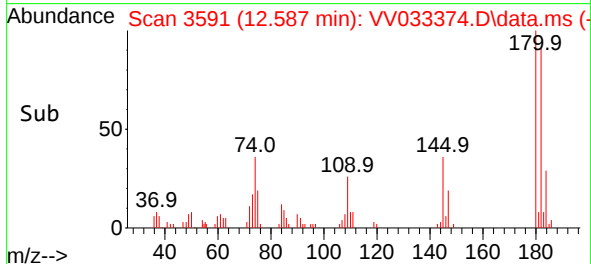
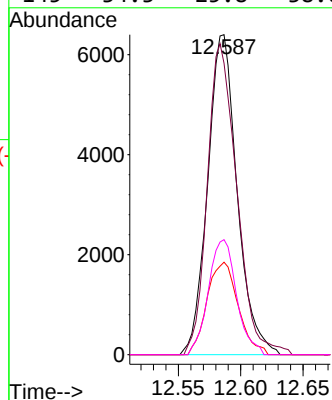
Ion Ratio Lower Upper

180 100

182 97.0 76.2 114.4

184 30.4 24.4 36.6

145 34.3 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 3.962 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.003 min

Lab File: VV033374.D

Acq: 15 Dec 2023 13:06

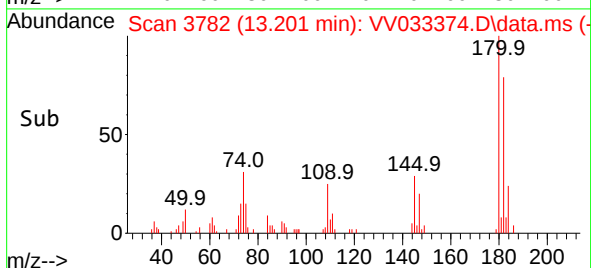
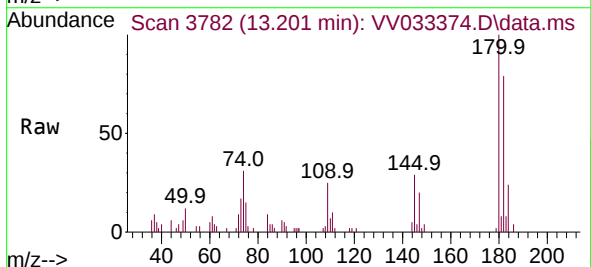
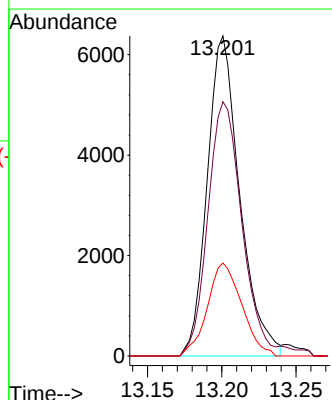
Tgt Ion:180 Resp: 9716

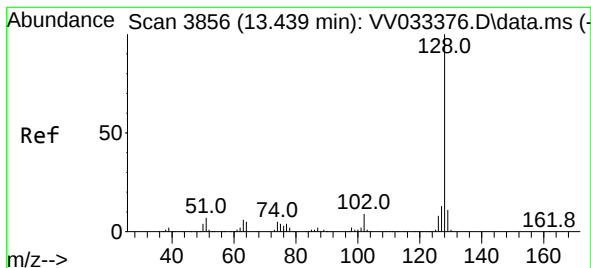
Ion Ratio Lower Upper

180 100

182 82.5 76.1 114.1

145 30.6 25.6 38.4





#71

Naphthalene

Concen: 4.657 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. 0.003 min

Lab File: VV033374.D

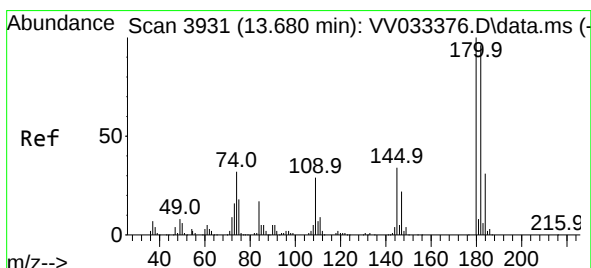
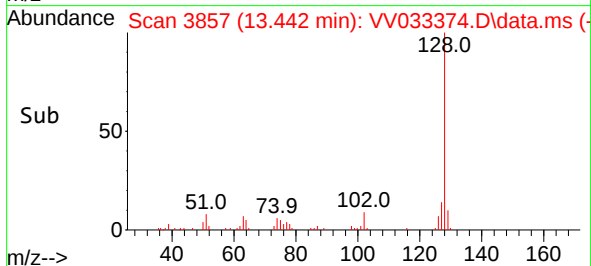
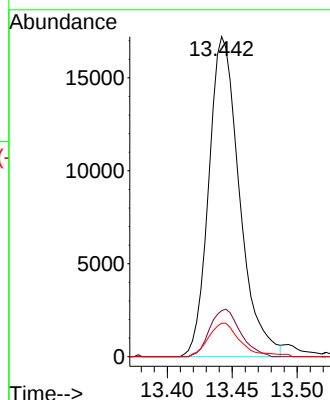
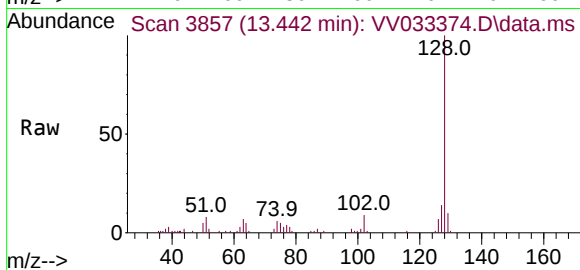
Acq: 15 Dec 2023 13:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	128	Resp:	28276
Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.4	15.6
129	10.8	8.8	13.2



#72

1,2,3-Trichlorobenzene

Concen: 3.658 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.003 min

Lab File: VV033374.D

Acq: 15 Dec 2023 13:06

Tgt Ion:	180	Resp:	8745
Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.2	114.2
145	36.9	27.1	40.7

