

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120724\
 Data File : VV038444.D
 Acq On : 06 Dec 2024 18:11
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 06 22:31:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 06 21:32:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	172188	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	136663	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	52734	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	42472	3.218	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.400%
7) Chloroethane-d5	1.535	69	29141	2.730	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	54.600%#
11) 1,1-Dichloroethene-d2	2.063	65	18129	3.192	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.800%
20) 2-Butanone-d5	4.085	46	231	0.087	ug/L	0.26
Spiked Amount	50.000	Range	40 - 130	Recovery	=	0.180%#
24) Chloroform-d	4.256	84	44541	1.739	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	34.800%#
26) 1,2-Dichloroethane-d4	4.960	65	11975	1.042	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	20.800%#
32) Benzene-d6	4.963	84	83199	2.355	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	47.200%#
36) 1,2-Dichloropropane-d6	5.995	67	17720	1.630	ug/L	0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	32.600%#
41) Toluene-d8	7.246	98	66962	2.049	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	41.000%#
43) trans-1,3-Dichloroprop...	7.571	79	3878	0.960	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	19.200%#
46) 2-Hexanone-d5	8.053	63	3963	2.523	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	5.040%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	8195	0.888	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	17.800%#
66) 1,2-Dichlorobenzene-d4	11.561	152	14218	1.582	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	31.600%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.111	85	51671	3.172	ug/L	99
3) Chloromethane	1.217	50	43764	3.120	ug/L	98
5) Vinyl chloride	1.285	62	47921	3.015	ug/L #	53
6) Bromomethane	1.490	94	21470	3.464	ug/L	97
8) Chloroethane	1.552	64	35680	3.523	ug/L	92
9) Trichlorofluoromethane	1.715	101	72112	3.188	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	44688	3.461	ug/L	96
12) 1,1-Dichloroethene	2.072	96	35263	2.867	ug/L	88
13) Acetone	2.121	43	17338	8.879	ug/L	93
14) Carbon disulfide	2.243	76	105712	2.668	ug/L	99
15) Methyl Acetate	2.397	43	4057	0.856	ug/L #	87
16) Methylene chloride	2.449	84	20825	1.485	ug/L	88
17) Methyl tert-butyl Ether	2.709	73	24369	0.876	ug/L	97
18) trans-1,2-Dichloroethene	2.699	96	30513	2.355	ug/L	98
19) 1,1-Dichloroethane	3.114	63	53593	2.279	ug/L	99
21) 2-Butanone	3.928	43	9058	3.232	ug/L	91
22) cis-1,2-Dichloroethene	3.825	96	20955	1.564	ug/L	96
23) Bromochloromethane	4.162	128	7605	1.163	ug/L	92
25) Chloroform	4.278	83	47911	1.904	ug/L	97

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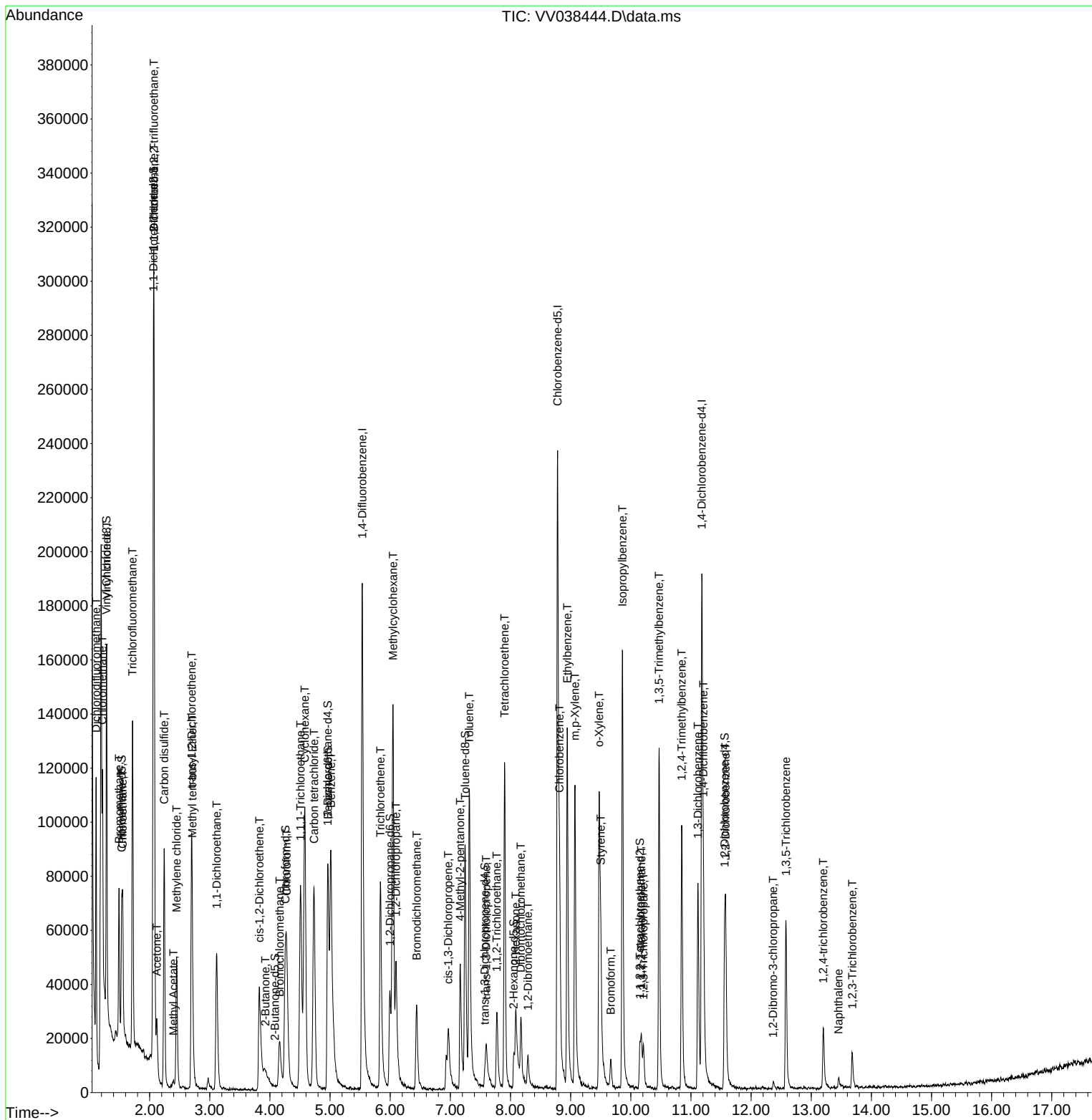
Instrument :
 MSVOA_V
 ClientSampleId :

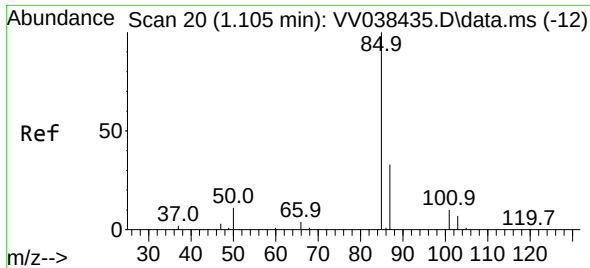
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	4.510	97	63224	3.857	ug/L	97
30) Cyclohexane	4.580	56	46388	3.412	ug/L	98
31) Carbon tetrachloride	4.735	117	58728	4.062	ug/L	98
33) Benzene	5.014	78	97633	2.543	ug/L	100
34) Trichloroethene	5.838	95	32124	3.070	ug/L	97
35) Methylcyclohexane	6.047	83	51372	3.470	ug/L	94
37) 1,2-Dichloropropane	6.095	63	19248	2.002	ug/L	99
38) Bromodichloromethane	6.439	83	24890	1.926	ug/L	97
39) cis-1,3-Dichloropropene	6.966	75	18748	1.397	ug/L	97
40) 4-Methyl-2-pentanone	7.162	43	36433	7.239	ug/L #	93
42) Toluene	7.317	91	91622	2.254	ug/L	100
44) trans-1,3-Dichloropropene	7.596	75	12781	1.127	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	10652	1.366	ug/L	95
47) Tetrachloroethene	7.902	164	28389	3.376	ug/L	96
48) 2-Hexanone	8.088	43	23332	6.393	ug/L #	81
49) Dibromochloromethane	8.172	129	12180	1.433	ug/L	94
50) 1,2-Dibromoethane	8.291	107	8389	1.160	ug/L #	94
51) Chlorobenzene	8.815	112	54046	1.929	ug/L	98
52) Ethylbenzene	8.943	91	99587	2.309	ug/L	100
53) m,p-Xylene	9.072	106	34070	2.093	ug/L	94
54) o-Xylene	9.474	106	29689	1.874	ug/L	94
55) Styrene	9.500	104	38583	1.381	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	9696	1.063	ug/L	97
59) Bromoform	9.667	173	4831	1.574	ug/L #	94
60) Isopropylbenzene	9.863	105	107017	3.523	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	6536	1.448	ug/L	92
62) 1,3,5-Trimethylbenzene	10.471	105	68668	2.849	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	55278	2.300	ug/L	97
64) 1,3-Dichlorobenzene	11.117	146	33998	2.085	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	31887	1.934	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	25041	1.659	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.368	75	675	0.666	ug/L #	74
69) 1,3,5-Trichlorobenzene	12.580	180	20916	1.810	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	8595	0.900	ug/L	96
71) Naphthalene	13.455	128	3643	0.245	ug/L #	74
72) 1,2,3-Trichlorobenzene	13.683	180	5016	0.568	ug/L	95

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

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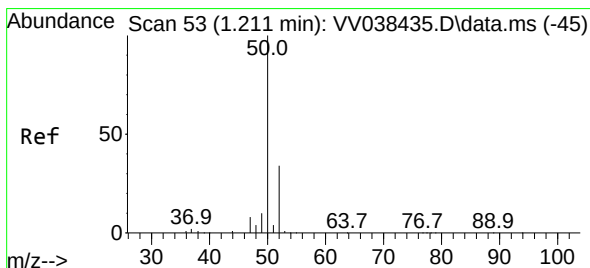
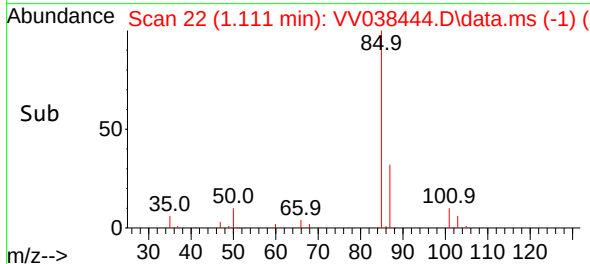
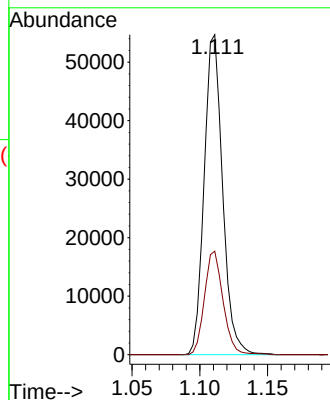
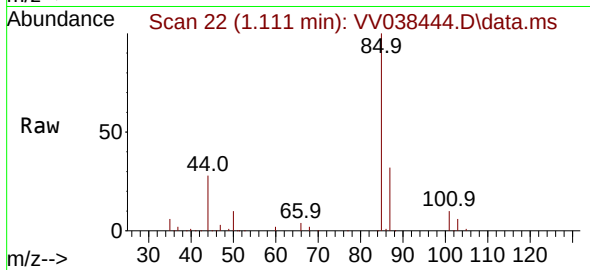




#2
 Dichlorodifluoromethane
 Concen: 3.172 ug/L
 RT: 1.111 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV038444.D
 Acq: 06 Dec 2024 18:11

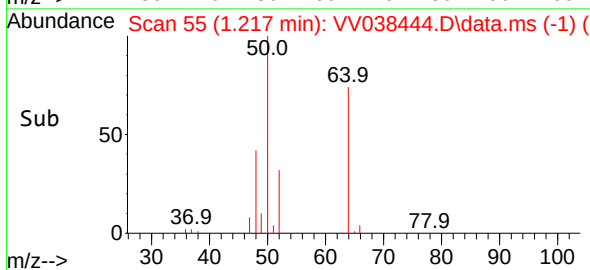
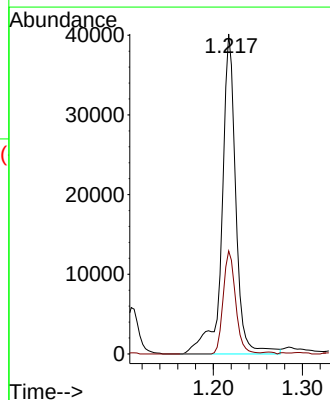
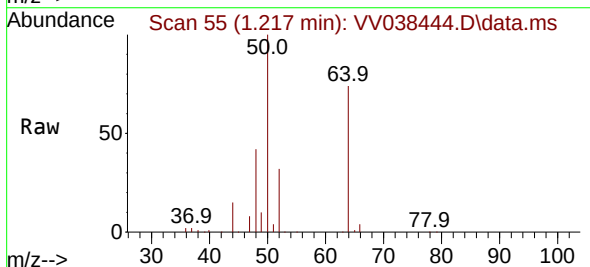
Instrument :
 MSVOA_V
 ClientSampleId :

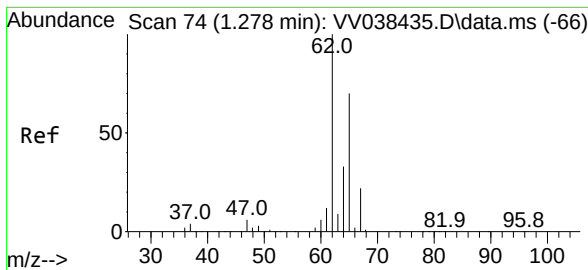
Tgt Ion: 85 Resp: 51671
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.5 39.7



#3
 Chloromethane
 Concen: 3.120 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.006 min
 Lab File: VV038444.D
 Acq: 06 Dec 2024 18:11

Tgt Ion: 50 Resp: 43764
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.5 43.7

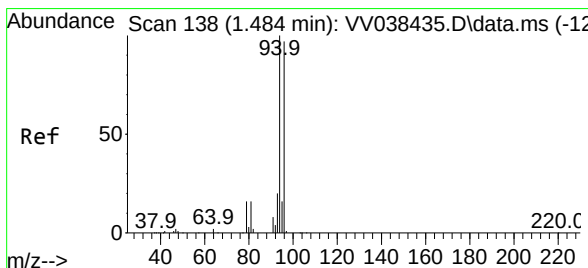
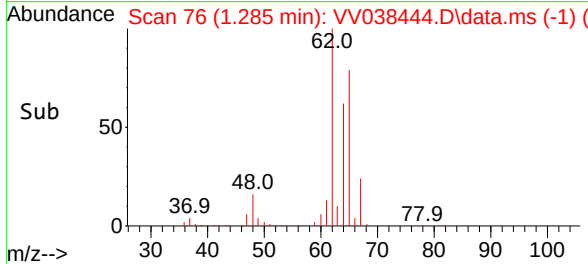
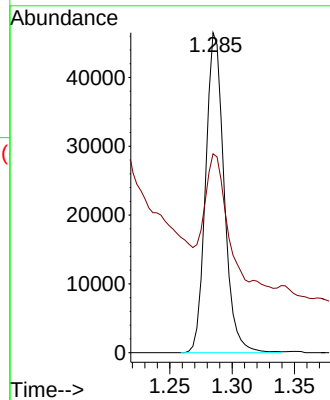
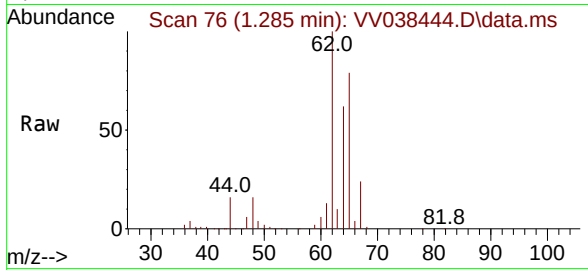




#5
Vinyl chloride
Concen: 3.015 ug/L
RT: 1.285 min Scan# 70
Delta R.T. 0.006 min
Lab File: VV038444.D
Acq: 06 Dec 2024 18:11

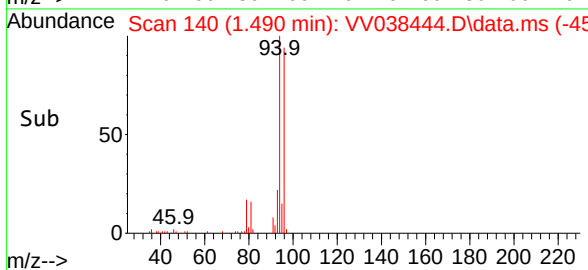
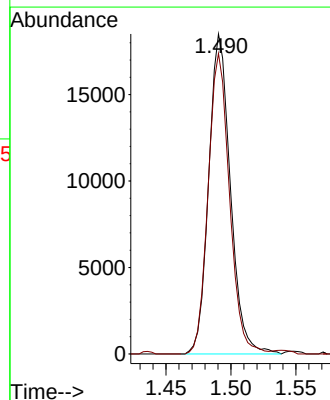
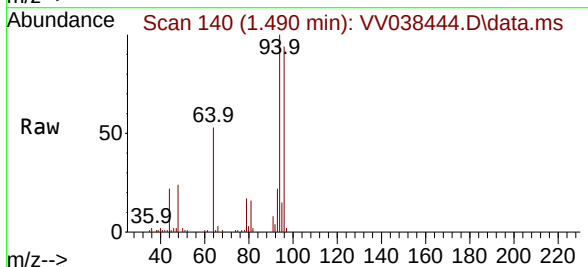
Instrument :
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ClientSampleId :

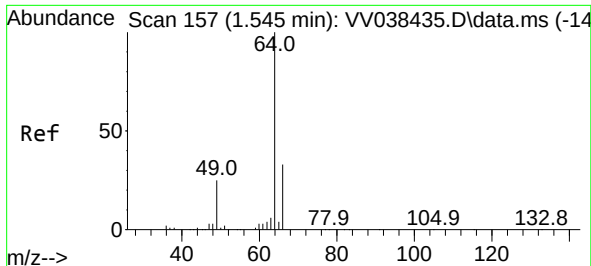
Tgt Ion: 62 Resp: 47921
Ion Ratio Lower Upper
62 100
64 62.2 24.4 45.4#



#6
Bromomethane
Concen: 3.464 ug/L
RT: 1.490 min Scan# 140
Delta R.T. 0.006 min
Lab File: VV038444.D
Acq: 06 Dec 2024 18:11

Tgt Ion: 94 Resp: 21470
Ion Ratio Lower Upper
94 100
96 93.9 63.7 118.3

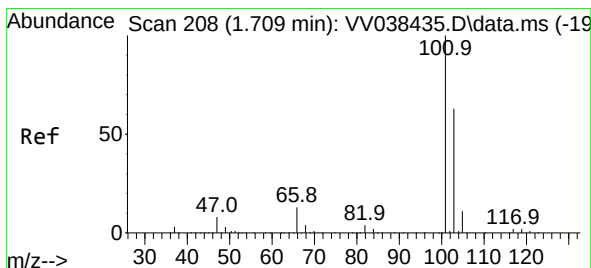
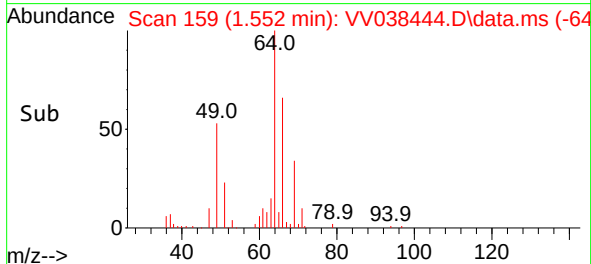
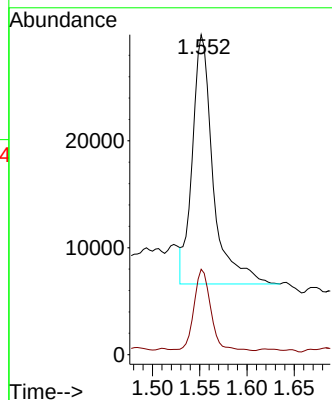
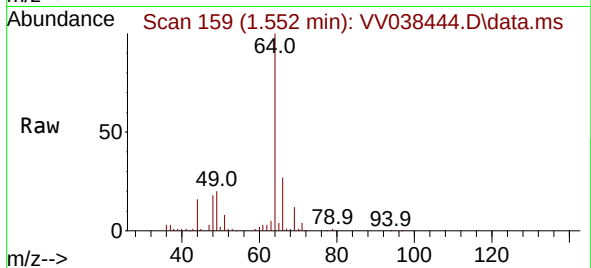




#8
Chloroethane
Concen: 3.523 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV038444.D
Acq: 06 Dec 2024 18:11

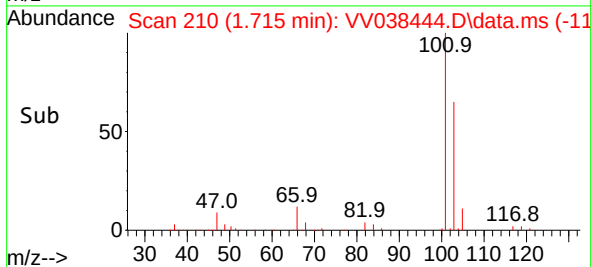
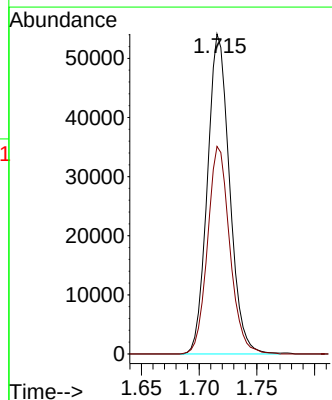
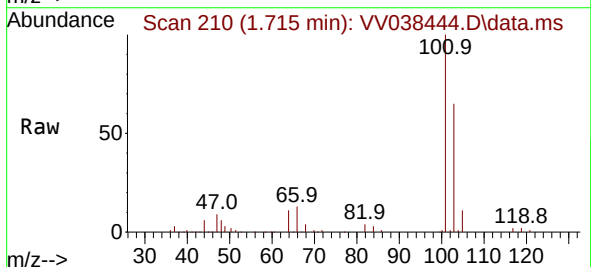
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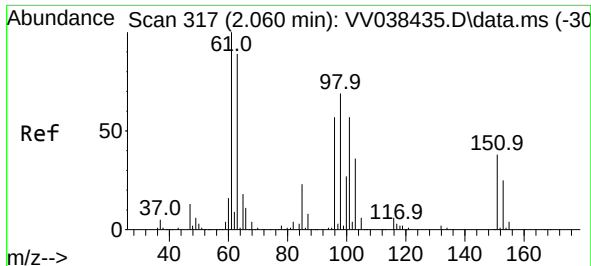
Tgt Ion: 64 Resp: 35680
Ion Ratio Lower Upper
64 100
66 26.7 22.0 40.8



#9
Trichlorofluoromethane
Concen: 3.188 ug/L
RT: 1.715 min Scan# 210
Delta R.T. 0.006 min
Lab File: VV038444.D
Acq: 06 Dec 2024 18:11

Tgt Ion:101 Resp: 72112
Ion Ratio Lower Upper
101 100
103 65.2 51.5 77.3

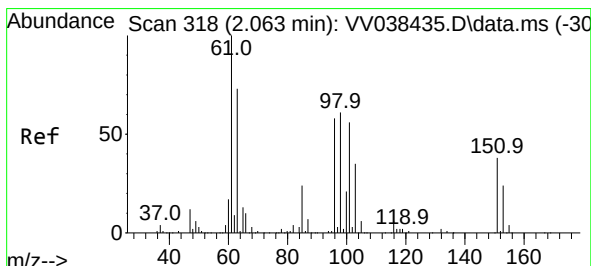
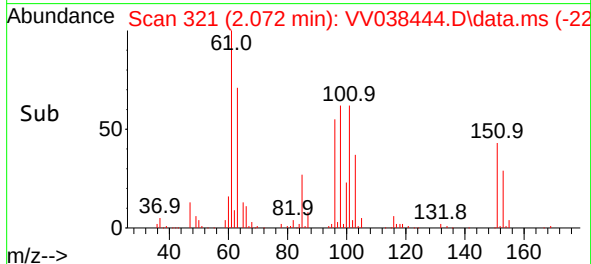
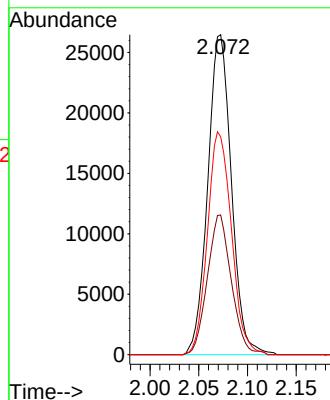
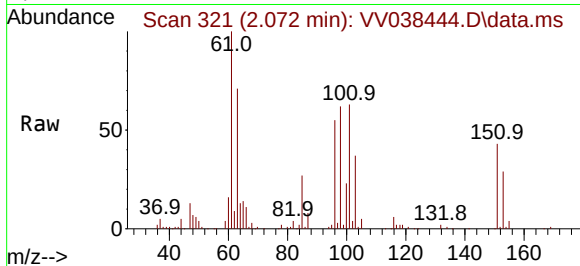




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.461 ug/L
RT: 2.072 min Scan# 31
Delta R.T. 0.013 min
Lab File: VV038444.D
Acq: 06 Dec 2024 18:11

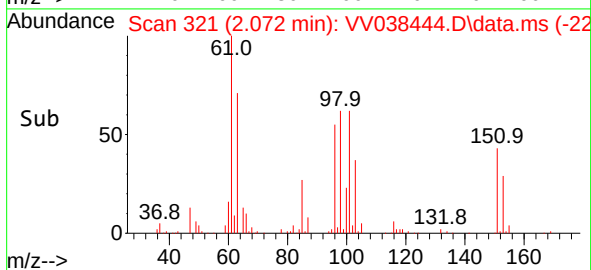
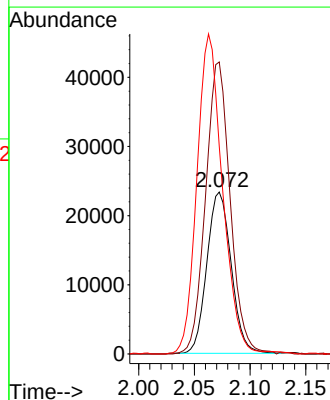
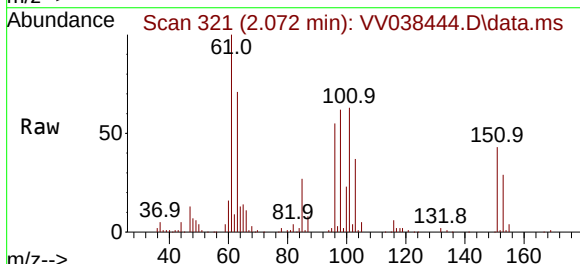
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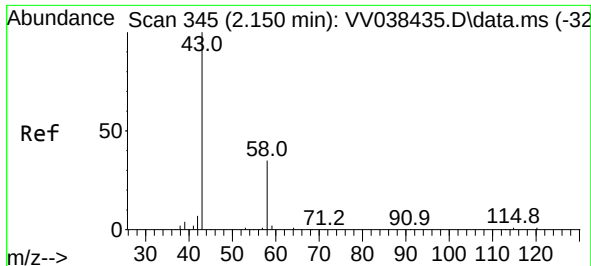
Tgt Ion:101 Resp: 44688
Ion Ratio Lower Upper
101 100
85 44.2 33.4 50.0
151 70.7 58.8 88.2



#12
1,1-Dichloroethene
Concen: 2.867 ug/L
RT: 2.072 min Scan# 321
Delta R.T. 0.009 min
Lab File: VV038444.D
Acq: 06 Dec 2024 18:11

Tgt Ion: 96 Resp: 35263
Ion Ratio Lower Upper
96 100
61 180.3 115.7 214.9
63 128.4 101.1 187.7





#13

Acetone

Concen: 8.879 ug/L

RT: 2.121 min Scan# 31

Delta R.T. -0.029 min

Lab File: VV038444.D

Acq: 06 Dec 2024 18:11

Instrument :

MSVOA_V

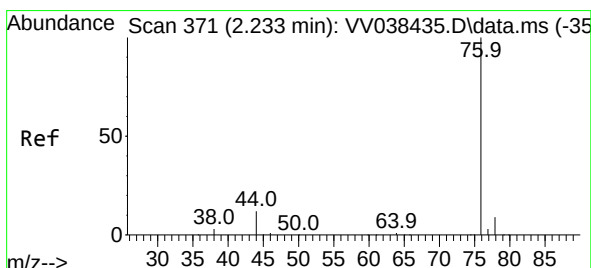
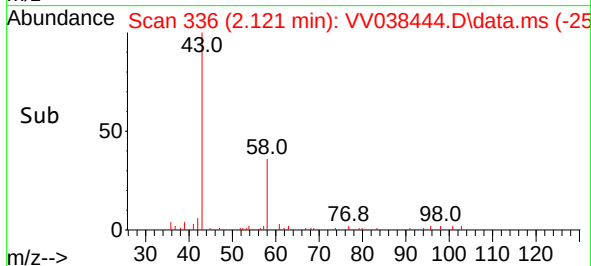
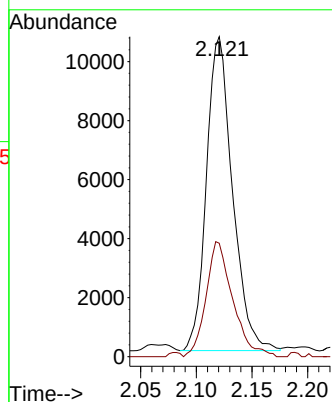
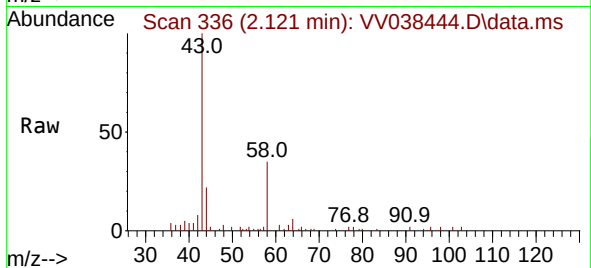
ClientSampleId :

Tgt Ion: 43 Resp: 17338

Ion Ratio Lower Upper

43 100

58 37.5 0.0 67.2



#14

Carbon disulfide

Concen: 2.668 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.009 min

Lab File: VV038444.D

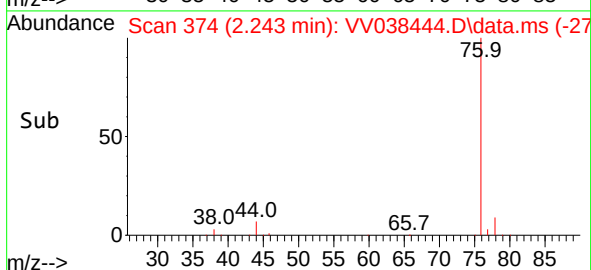
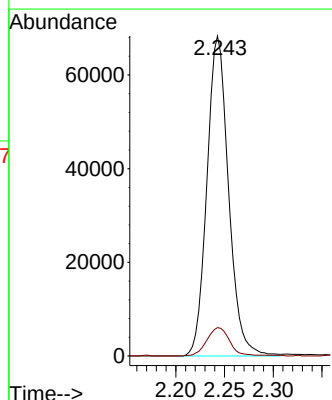
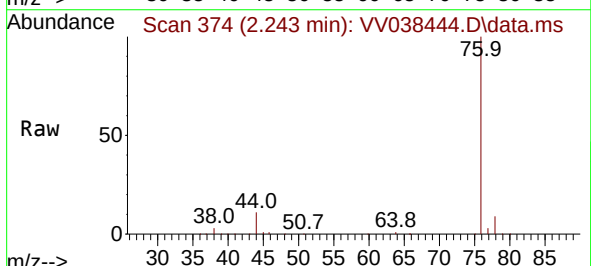
Acq: 06 Dec 2024 18:11

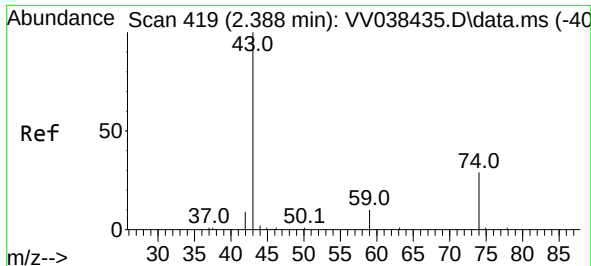
Tgt Ion: 76 Resp: 105712

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0

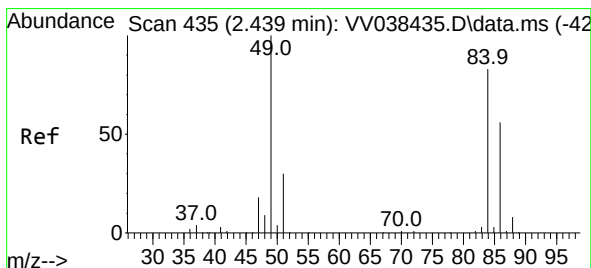
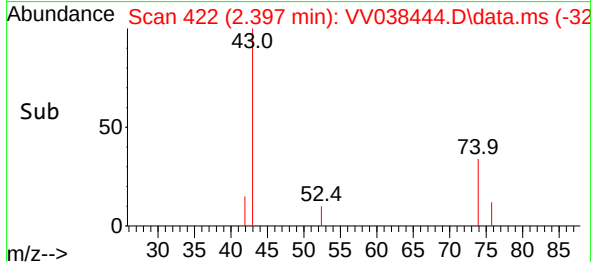
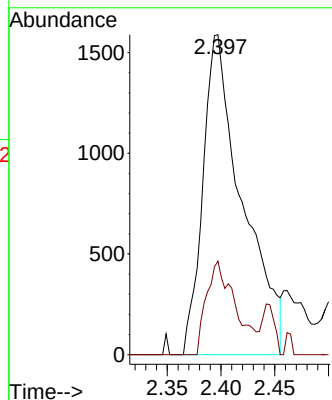
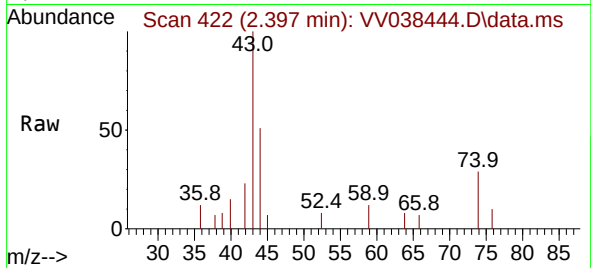




#15
Methyl Acetate
Concen: 0.856 ug/L
RT: 2.397 min Scan# 41
Delta R.T. 0.009 min
Lab File: VV038444.D
Acq: 06 Dec 2024 18:11

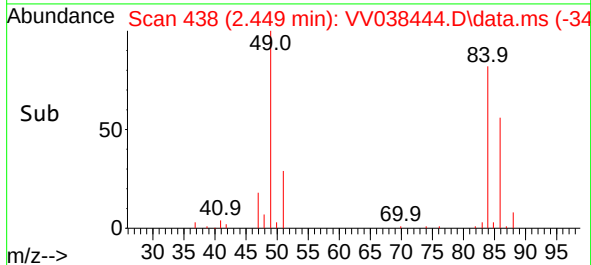
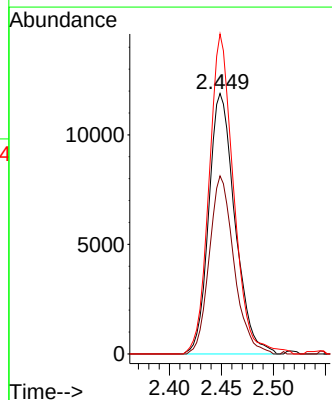
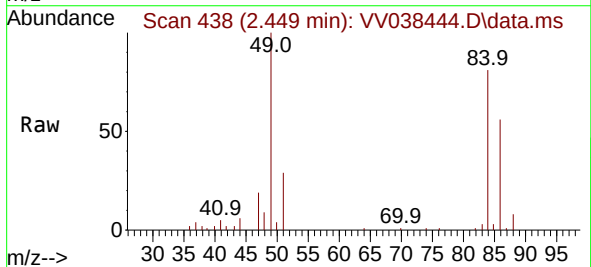
Instrument :
MSVOA_V
ClientSampleId :

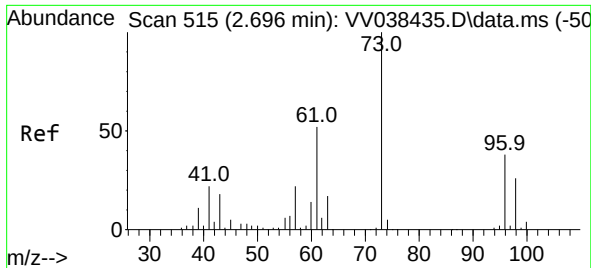
Tgt Ion: 43 Resp: 4057
Ion Ratio Lower Upper
43 100
74 21.3 22.4 33.6#



#16
Methylene chloride
Concen: 1.485 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.009 min
Lab File: VV038444.D
Acq: 06 Dec 2024 18:11

Tgt Ion: 84 Resp: 20825
Ion Ratio Lower Upper
84 100
86 68.4 44.2 82.2
49 122.8 74.9 139.1





#17

Methyl tert-butyl Ether

Concen: 0.876 ug/L

RT: 2.709 min Scan# 519

Delta R.T. 0.013 min

Lab File: VV038444.D

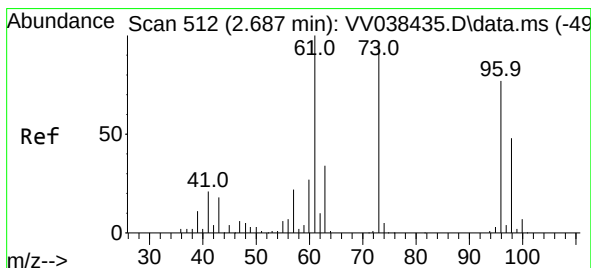
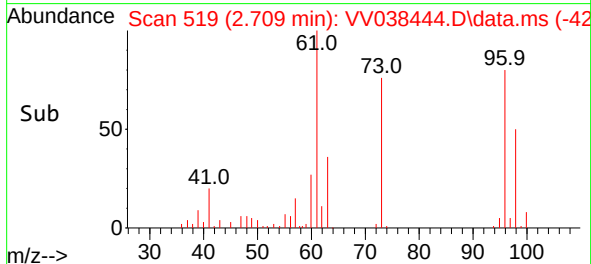
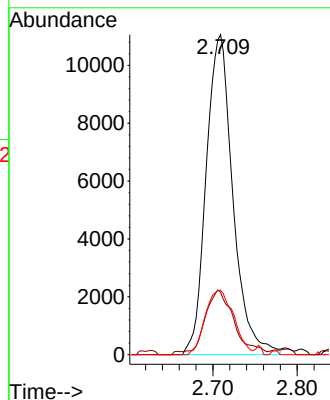
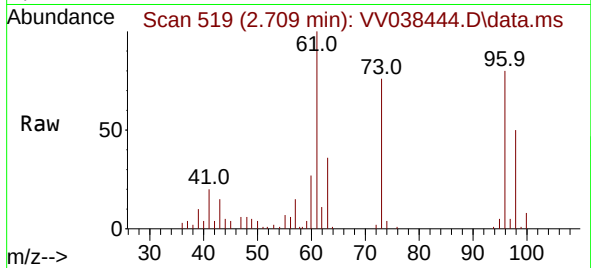
Acq: 06 Dec 2024 18:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 73	Resp: 24369
Ion Ratio	Lower Upper
73 100	
43 20.1	14.2 21.2
57 21.5	17.6 26.4



#18

trans-1,2-Dichloroethene

Concen: 2.355 ug/L

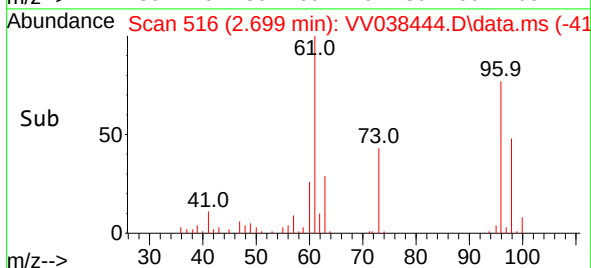
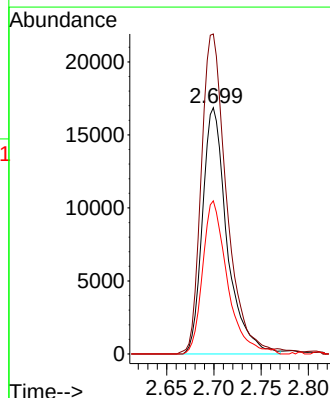
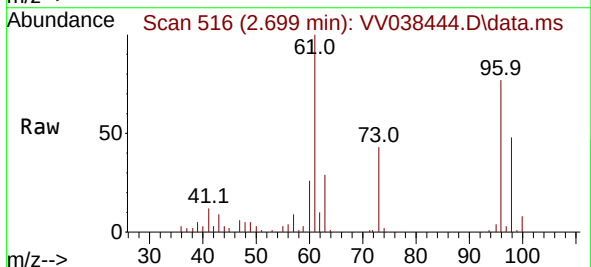
RT: 2.699 min Scan# 516

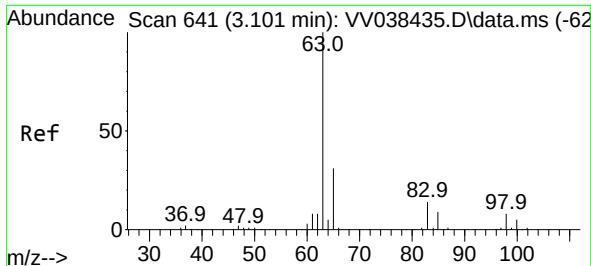
Delta R.T. 0.013 min

Lab File: VV038444.D

Acq: 06 Dec 2024 18:11

Tgt Ion: 96	Resp: 30513
Ion Ratio	Lower Upper
96 100	
61 129.9	88.5 164.4
98 62.2	43.9 81.5





#19

1,1-Dichloroethane

Concen: 2.279 ug/L

RT: 3.114 min Scan# 641

Delta R.T. 0.013 min

Lab File: VV038444.D

Acq: 06 Dec 2024 18:11

Instrument :

MSVOA_V

ClientSampleId :

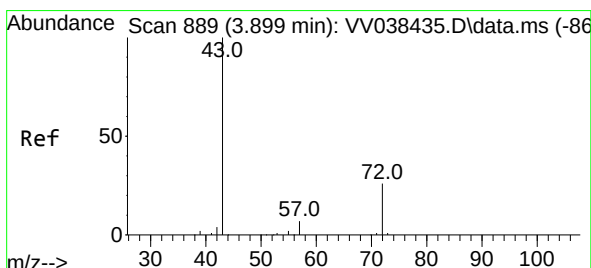
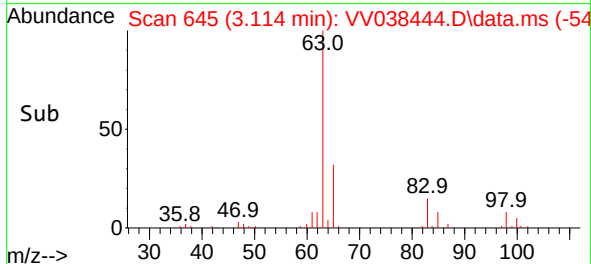
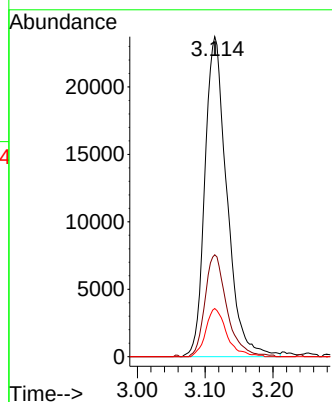
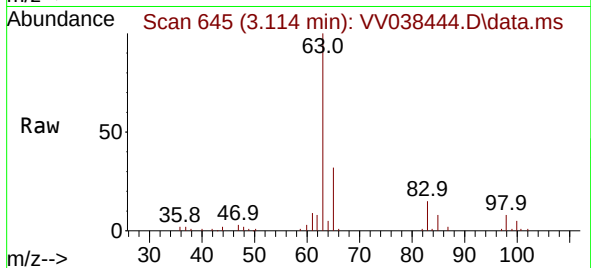
Tgt Ion: 63 Resp: 53593

Ion Ratio Lower Upper

63 100

65 31.9 22.5 41.7

83 15.1 10.1 18.9



#21

2-Butanone

Concen: 3.232 ug/L

RT: 3.928 min Scan# 898

Delta R.T. 0.029 min

Lab File: VV038444.D

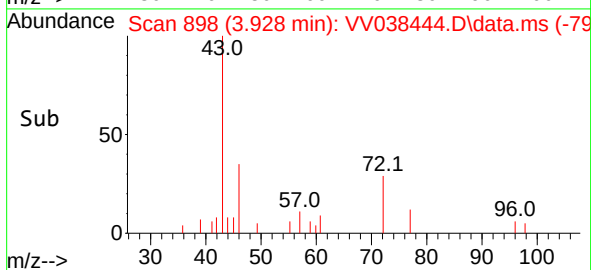
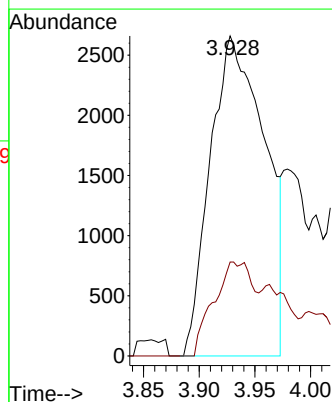
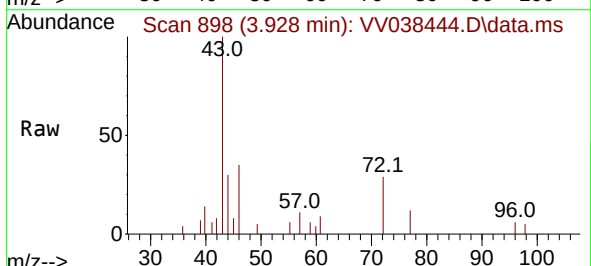
Acq: 06 Dec 2024 18:11

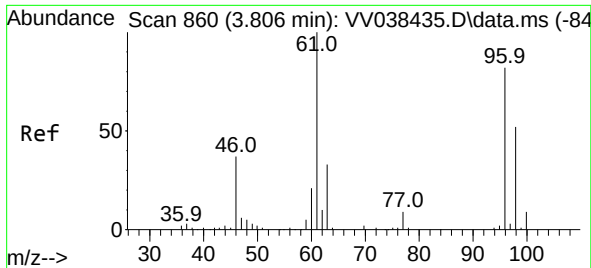
Tgt Ion: 43 Resp: 9058

Ion Ratio Lower Upper

43 100

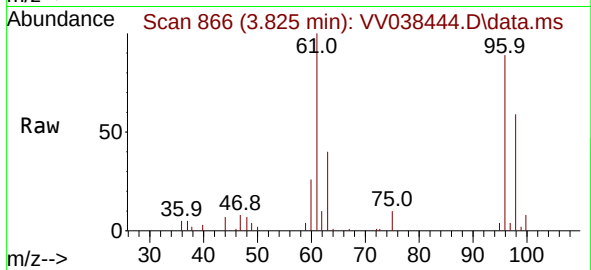
72 21.5 13.0 39.0



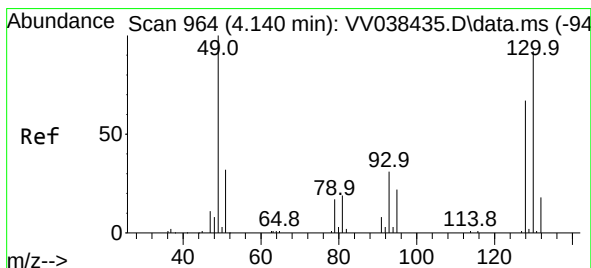
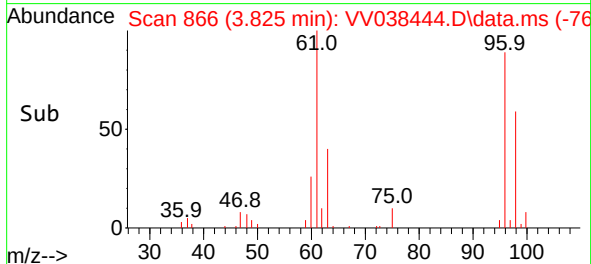
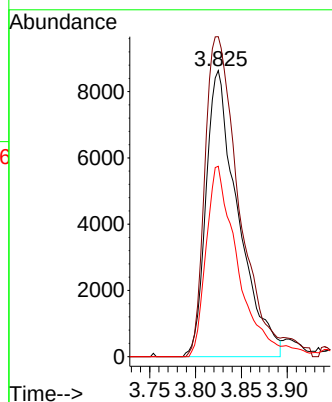


#22
 cis-1,2-Dichloroethene
 Concen: 1.564 ug/L
 RT: 3.825 min Scan# 860
 Delta R.T. 0.019 min
 Lab File: VV038444.D
 Acq: 06 Dec 2024 18:11

Instrument :
 MSVOA_V
 ClientSampleId :

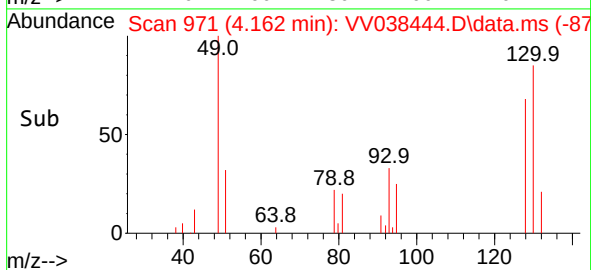
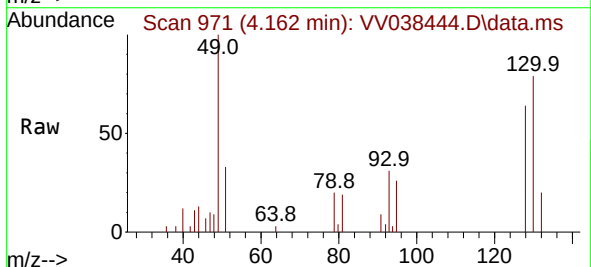
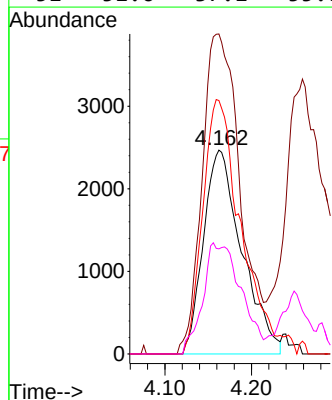


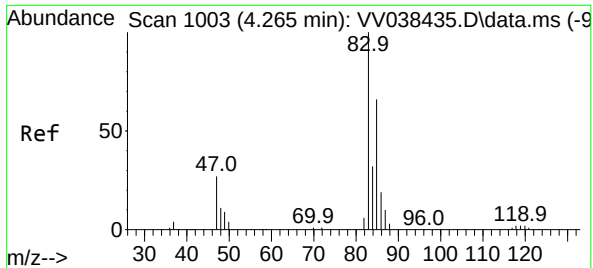
Tgt Ion: 96	Resp: 20955
Ion Ratio	Lower Upper
96 100	
61 111.8	82.7 153.5
98 66.5	46.3 85.9



#23
 Bromochloromethane
 Concen: 1.163 ug/L
 RT: 4.162 min Scan# 971
 Delta R.T. 0.022 min
 Lab File: VV038444.D
 Acq: 06 Dec 2024 18:11

Tgt	Ion:128	Resp:	7605
Ion	Ratio	Lower	Upper
128	100		
49	157.0	102.8	190.8
130	124.4	93.6	173.8
51	51.6	37.1	55.7

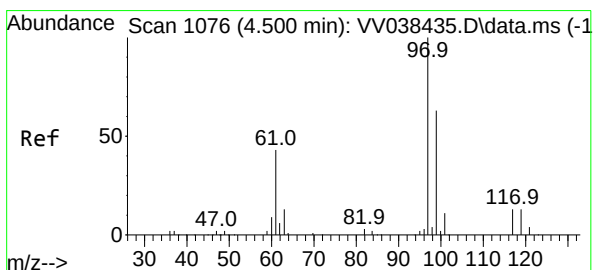
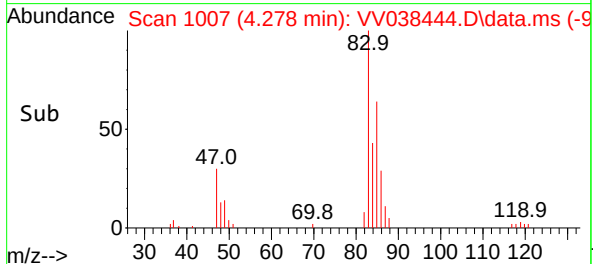
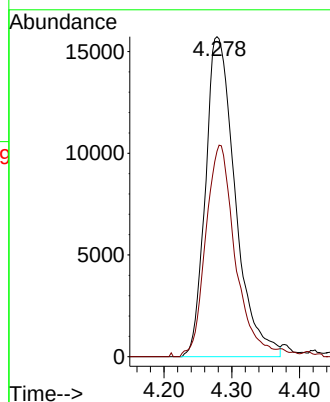
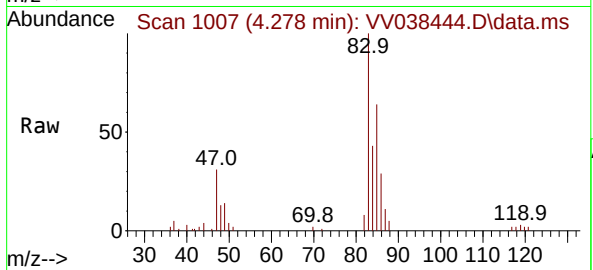




#25
Chloroform
Concen: 1.904 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.013 min
Lab File: VV038444.D
Acq: 06 Dec 2024 18:11

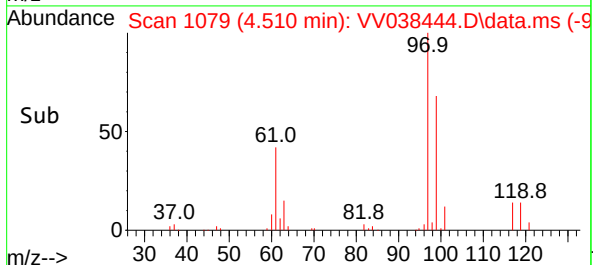
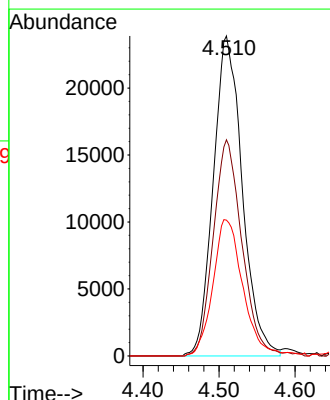
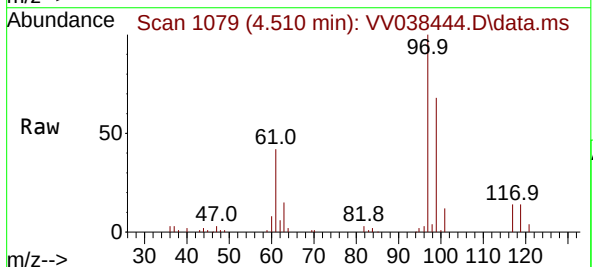
Instrument :
MSVOA_V
ClientSampleId :

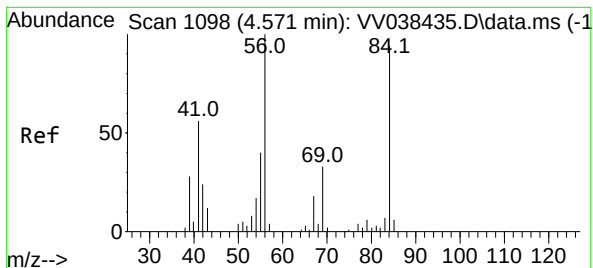
Tgt Ion: 83 Resp: 47911
Ion Ratio Lower Upper
83 100
85 64.2 46.5 86.3



#29
1,1,1-Trichloroethane
Concen: 3.857 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. 0.009 min
Lab File: VV038444.D
Acq: 06 Dec 2024 18:11

Tgt Ion: 97 Resp: 63224
Ion Ratio Lower Upper
97 100
99 66.4 51.8 77.8
61 43.7 32.2 48.2





#30

Cyclohexane

Concen: 3.412 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.009 min

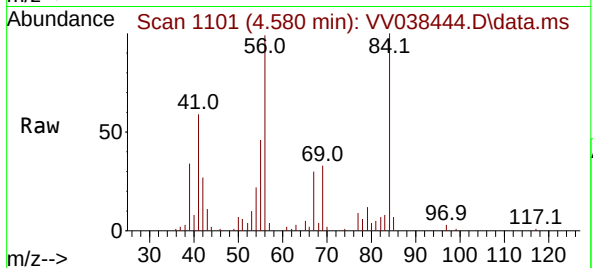
Lab File: VV038444.D

Acq: 06 Dec 2024 18:11

Instrument :

MSVOA_V

ClientSampleId :



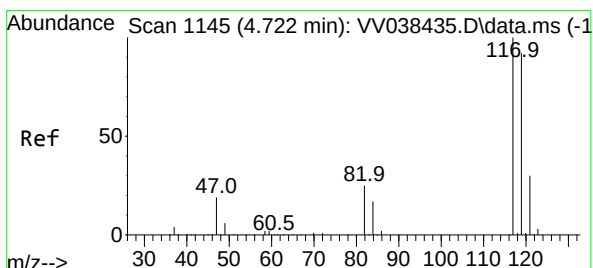
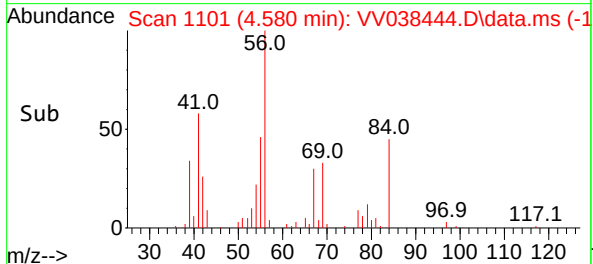
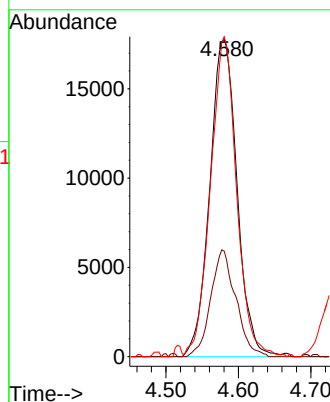
Tgt Ion: 56 Resp: 46388

Ion Ratio Lower Upper

56 100

69 31.0 26.0 39.0

84 96.6 75.6 113.4



#31

Carbon tetrachloride

Concen: 4.062 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. 0.013 min

Lab File: VV038444.D

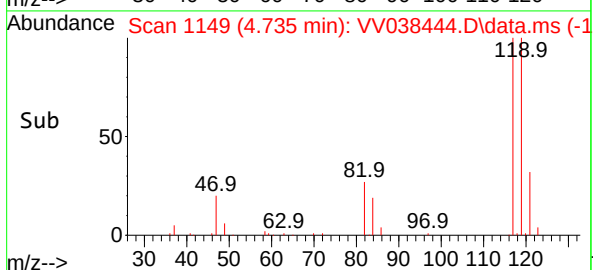
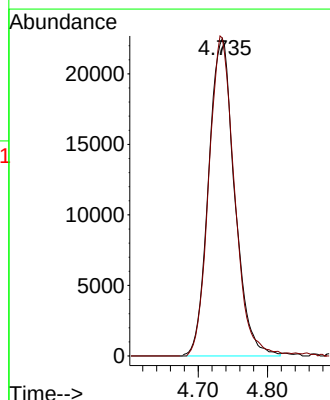
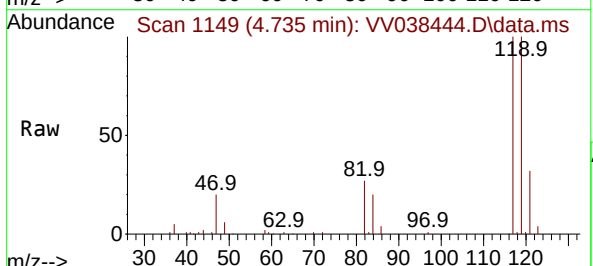
Acq: 06 Dec 2024 18:11

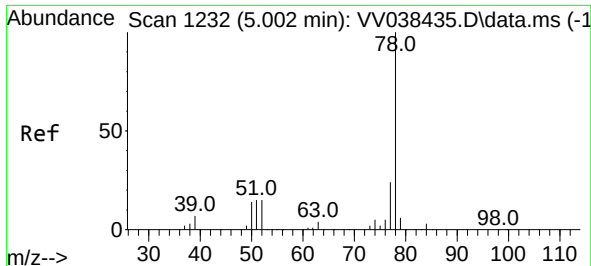
Tgt Ion: 117 Resp: 58728

Ion Ratio Lower Upper

117 100

119 98.9 77.4 116.2

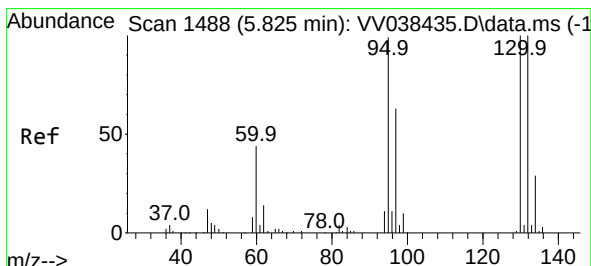
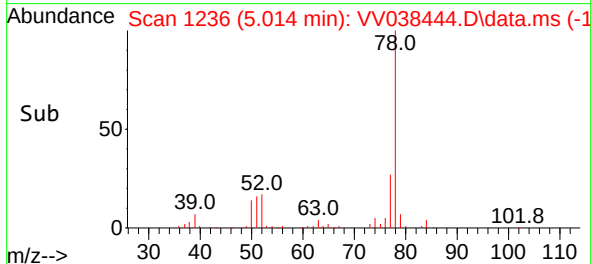
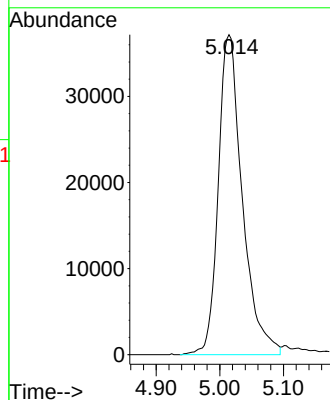
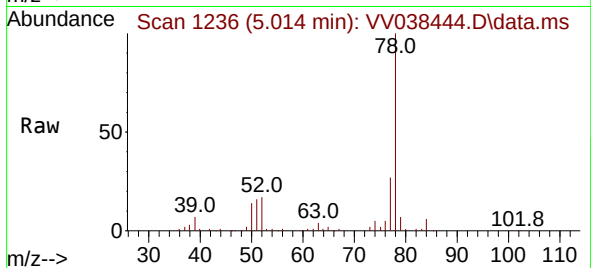




#33
Benzene
Concen: 2.543 ug/L
RT: 5.014 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV038444.D
Acq: 06 Dec 2024 18:11

Instrument :
MSVOA_V
ClientSampleId :

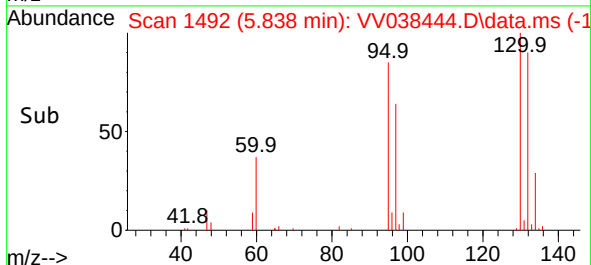
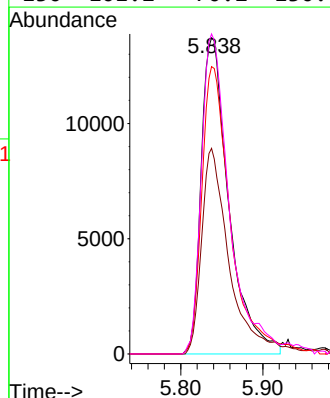
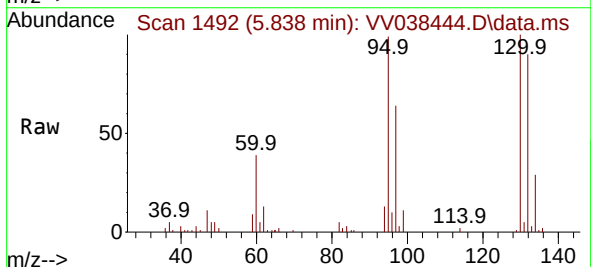
Tgt Ion: 78 Resp: 97633

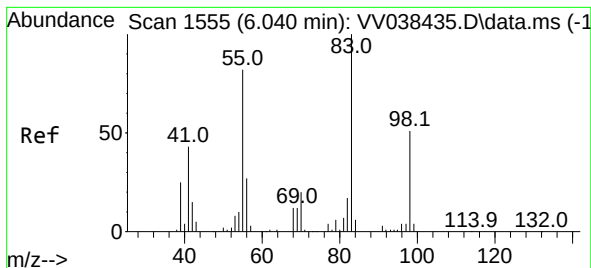


#34
Trichloroethene
Concen: 3.070 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.013 min
Lab File: VV038444.D
Acq: 06 Dec 2024 18:11

Tgt Ion: 95 Resp: 32124

Ion	Ratio	Lower	Upper
95	100		
97	65.0	44.8	83.2
132	90.9	68.3	126.8
130	101.2	70.2	130.4





#35

Methylcyclohexane

Concen: 3.470 ug/L

RT: 6.047 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VV038444.D

Acq: 06 Dec 2024 18:11

Instrument :

MSVOA_V

ClientSampleId :

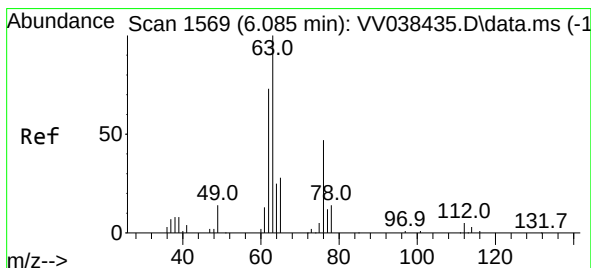
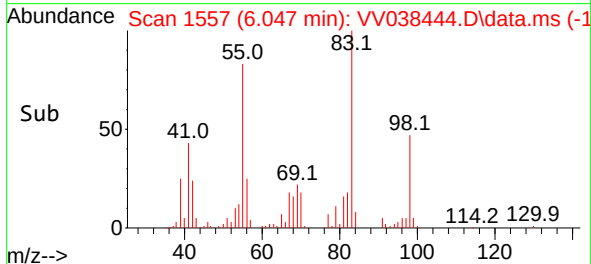
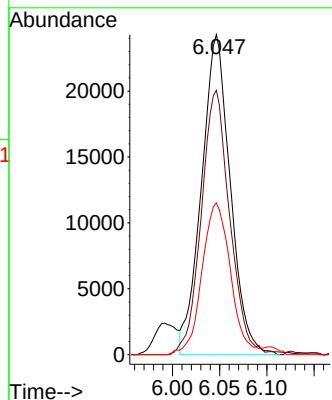
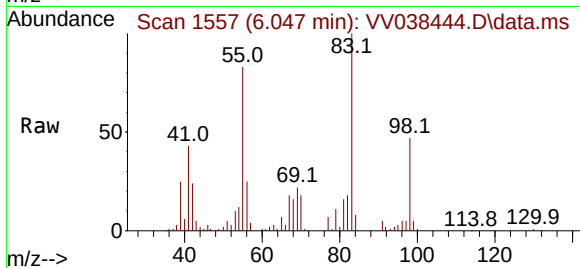
Tgt Ion: 83 Resp: 51372

Ion Ratio Lower Upper

83 100

55 81.5 59.7 89.5

98 46.9 39.0 58.4



#37

1,2-Dichloropropane

Concen: 2.002 ug/L

RT: 6.095 min Scan# 1572

Delta R.T. 0.009 min

Lab File: VV038444.D

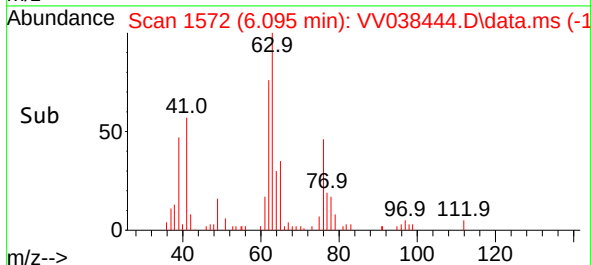
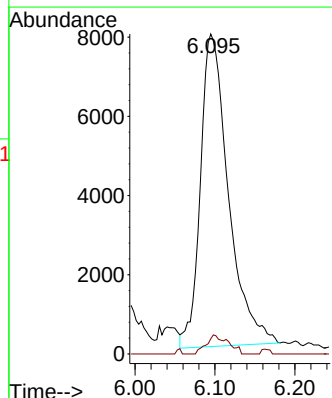
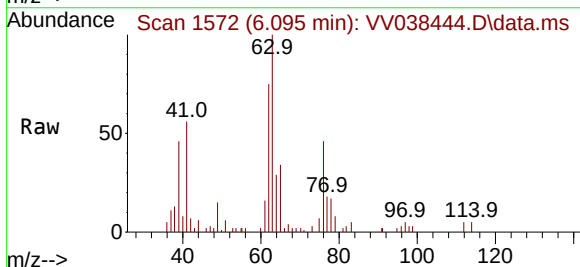
Acq: 06 Dec 2024 18:11

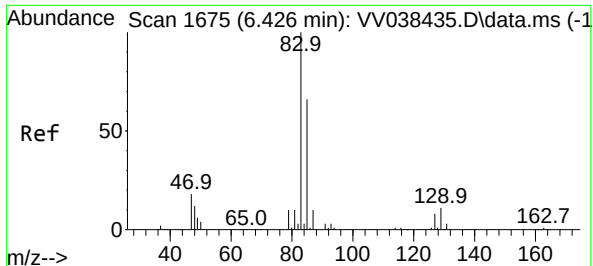
Tgt Ion: 63 Resp: 19248

Ion Ratio Lower Upper

63 100

112 4.7 3.9 5.9





#38

Bromodichloromethane

Concen: 1.926 ug/L

RT: 6.439 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV038444.D

Acq: 06 Dec 2024 18:11

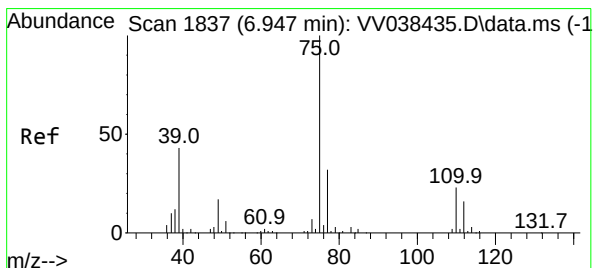
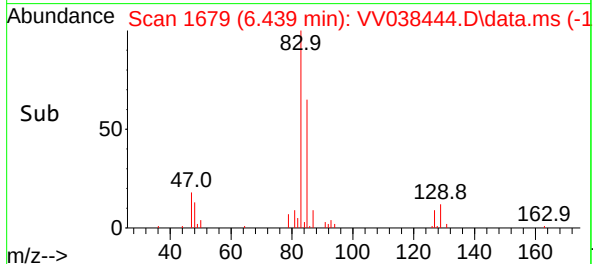
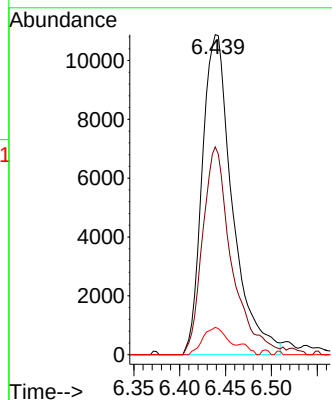
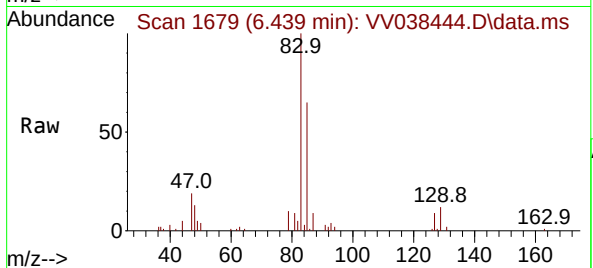
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83 Resp: 24890

Ion	Ratio	Lower	Upper
83	100		
85	65.0	43.9	81.5
127	8.5	6.7	10.1



#39

cis-1,3-Dichloropropene

Concen: 1.397 ug/L

RT: 6.966 min Scan# 1843

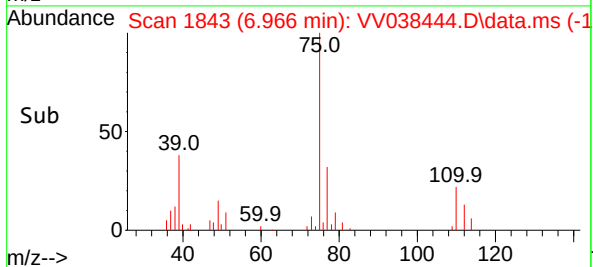
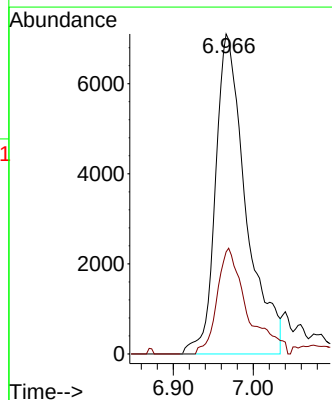
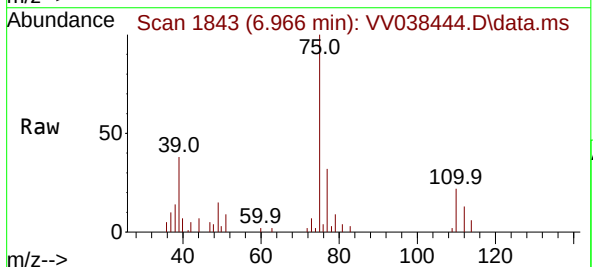
Delta R.T. 0.019 min

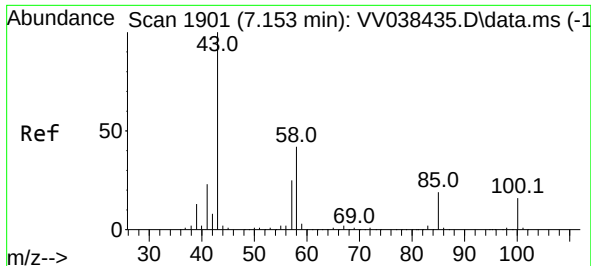
Lab File: VV038444.D

Acq: 06 Dec 2024 18:11

Tgt Ion: 75 Resp: 18748

Ion	Ratio	Lower	Upper
75	100		
77	31.9	23.4	43.6





#40

4-Methyl-2-pentanone

Concen: 7.239 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.009 min

Lab File: VV038444.D

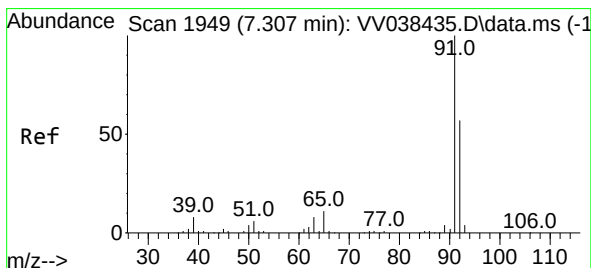
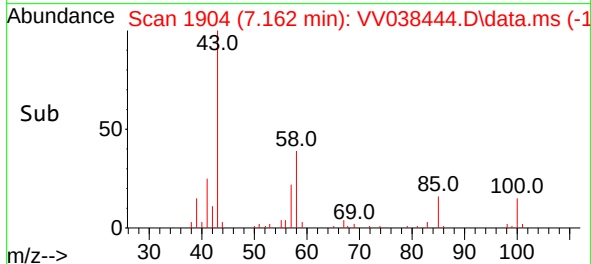
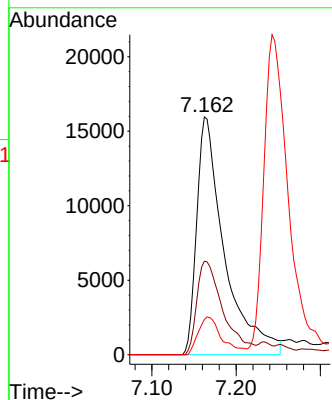
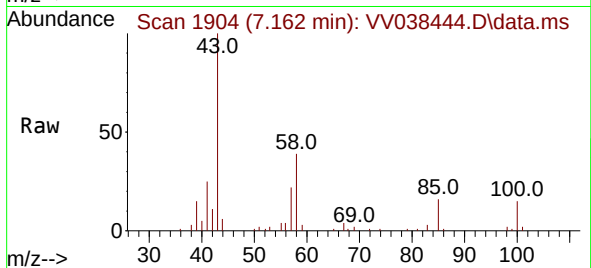
Acq: 06 Dec 2024 18:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	43	Resp:	36433
Ion	Ratio	Lower	Upper
43	100		
58	37.7	33.4	50.2
100	13.7	14.3	21.5



#42

Toluene

Concen: 2.254 ug/L

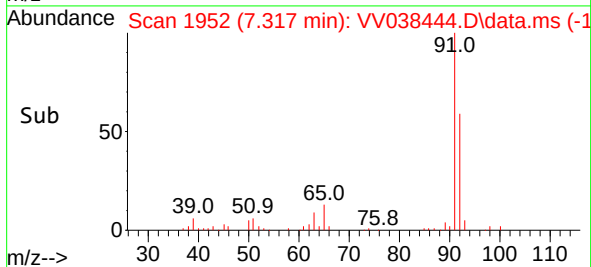
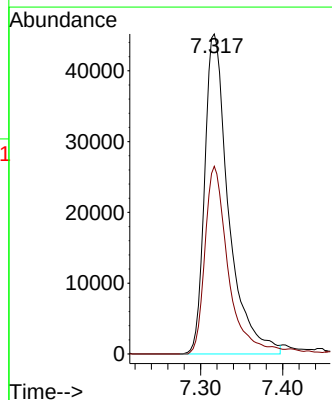
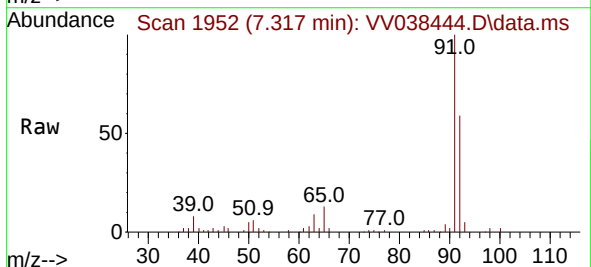
RT: 7.317 min Scan# 1952

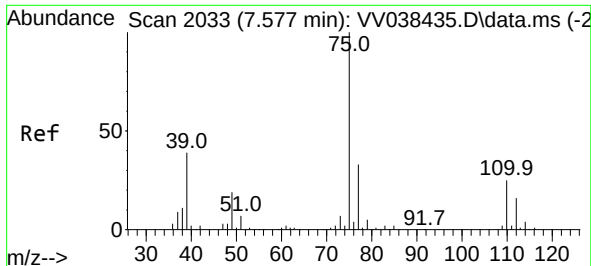
Delta R.T. 0.009 min

Lab File: VV038444.D

Acq: 06 Dec 2024 18:11

Tgt Ion:	91	Resp:	91622
Ion	Ratio	Lower	Upper
91	100		
92	58.6	40.8	75.8

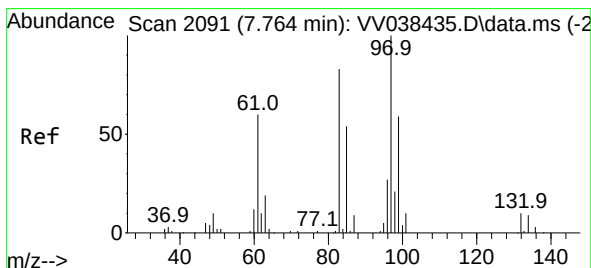
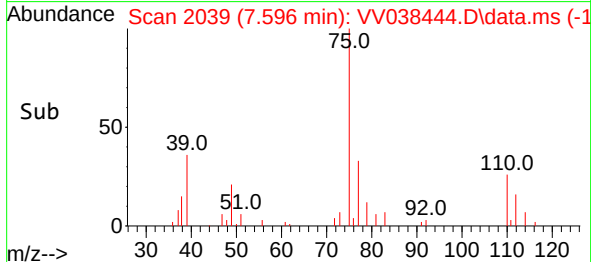
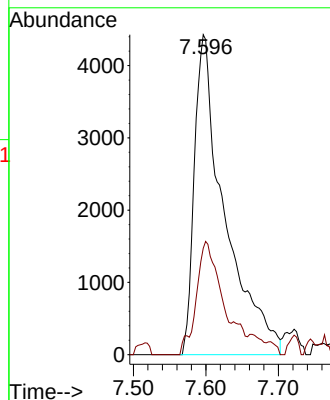
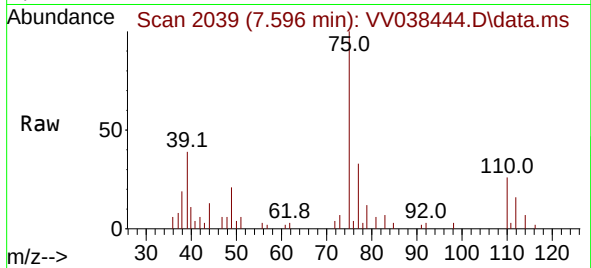




#44
trans-1,3-Dichloropropene
Concen: 1.127 ug/L
RT: 7.596 min Scan# 2039
Delta R.T. 0.019 min
Lab File: VV038444.D
Acq: 06 Dec 2024 18:11

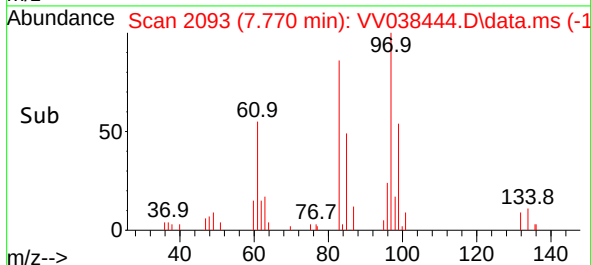
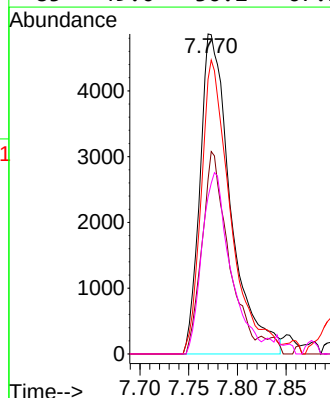
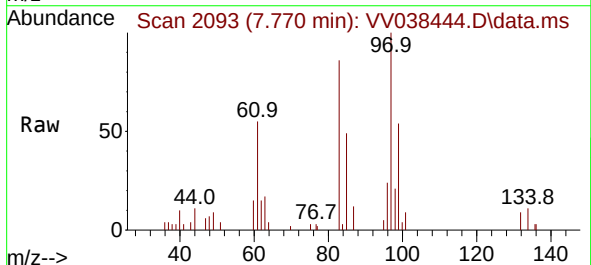
Instrument :
MSVOA_V
ClientSampleId :

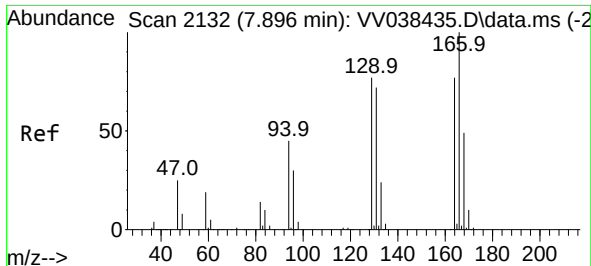
Tgt Ion: 75 Resp: 12781
Ion Ratio Lower Upper
75 100
77 33.3 23.4 43.4



#45
1,1,2-Trichloroethane
Concen: 1.366 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. 0.006 min
Lab File: VV038444.D
Acq: 06 Dec 2024 18:11

Tgt Ion: 97 Resp: 10652
Ion Ratio Lower Upper
97 100
99 54.5 41.9 77.7
83 85.8 57.7 107.1
85 49.0 36.2 67.2





#47

Tetrachloroethene

Concen: 3.376 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.006 min

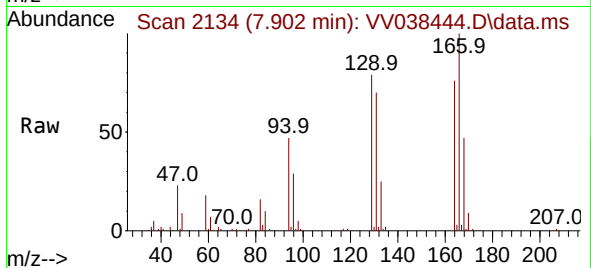
Lab File: VV038444.D

Acq: 06 Dec 2024 18:11

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 28389

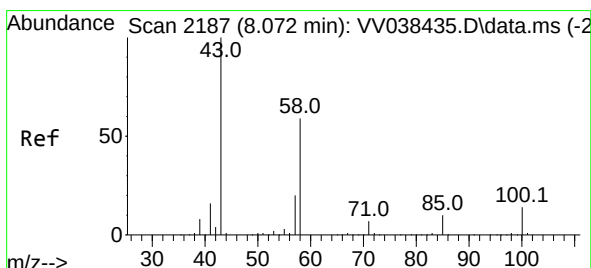
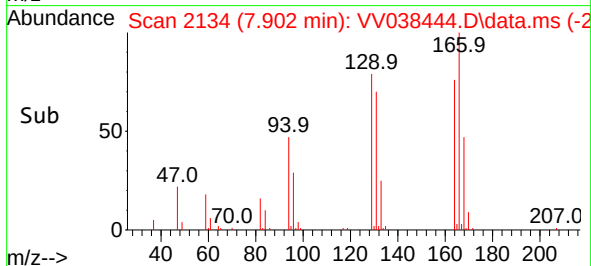
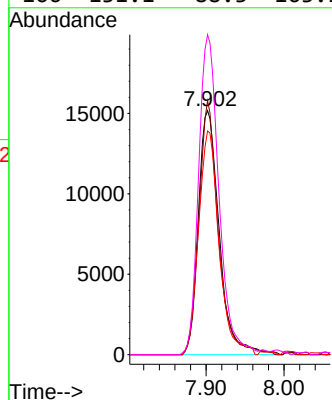
Ion Ratio Lower Upper

164 100

129 104.0 68.5 127.1

131 91.6 64.8 120.4

166 131.1 88.3 163.9



#48

2-Hexanone

Concen: 6.393 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. 0.016 min

Lab File: VV038444.D

Acq: 06 Dec 2024 18:11

Tgt Ion: 43 Resp: 23332

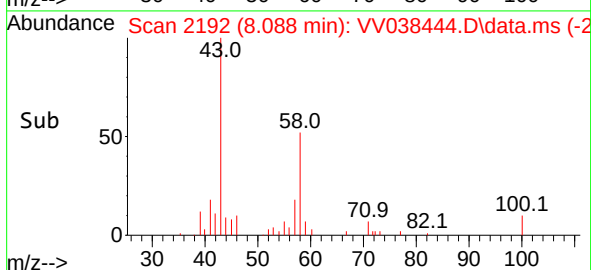
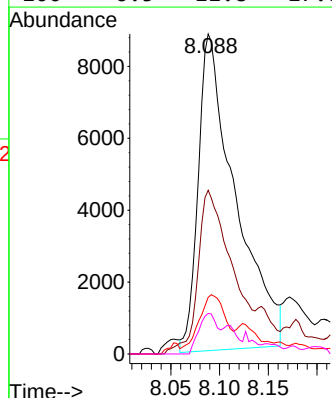
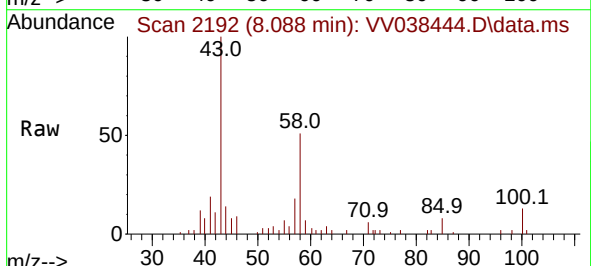
Ion Ratio Lower Upper

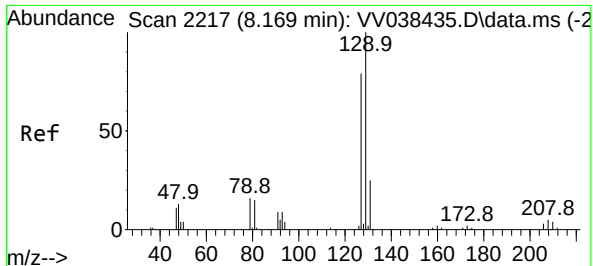
43 100

58 47.5 49.2 73.8#

57 12.1 16.9 25.3#

100 6.5 11.8 17.8#





#49

Dibromochloromethane

Concen: 1.433 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.003 min

Lab File: VV038444.D

Acq: 06 Dec 2024 18:11

Instrument :

MSVOA_V

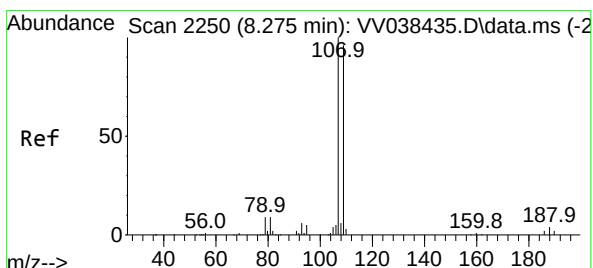
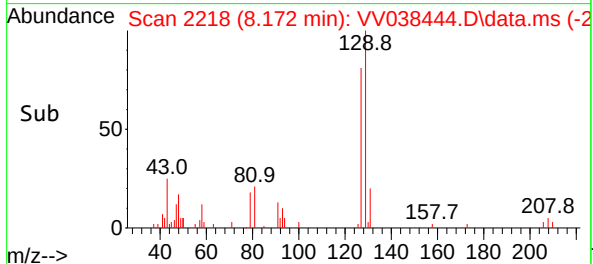
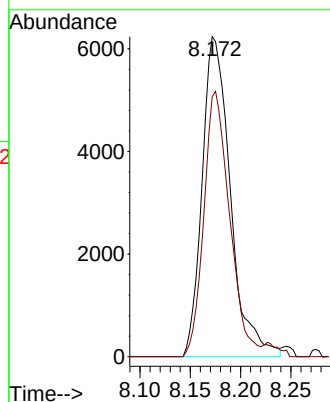
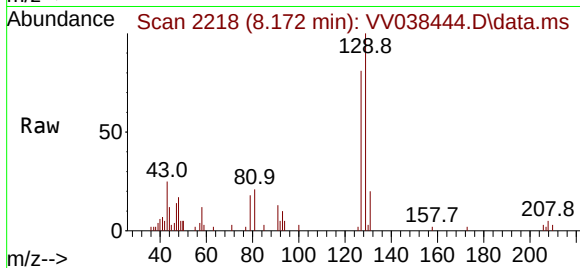
ClientSampleId :

Tgt Ion:129 Resp: 12180

Ion Ratio Lower Upper

129 100

127 81.2 53.5 99.3



#50

1,2-Dibromoethane

Concen: 1.160 ug/L

RT: 8.291 min Scan# 2255

Delta R.T. 0.016 min

Lab File: VV038444.D

Acq: 06 Dec 2024 18:11

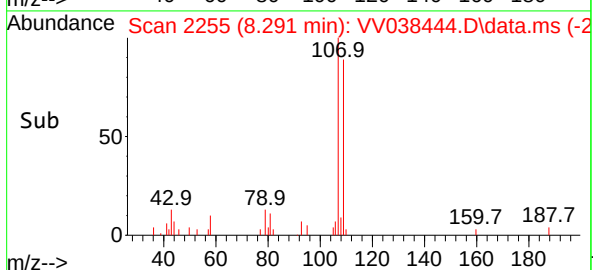
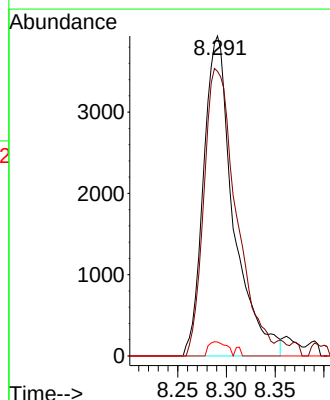
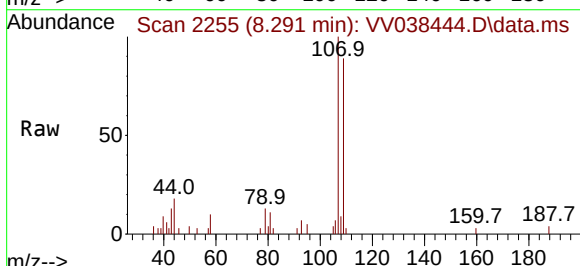
Tgt Ion:107 Resp: 8389

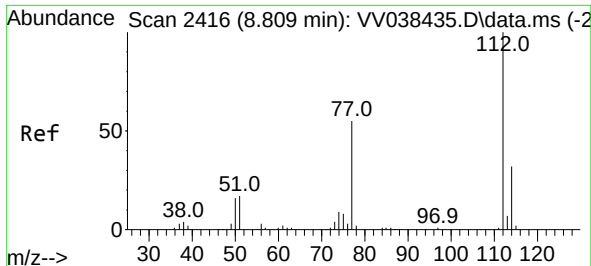
Ion Ratio Lower Upper

107 100

109 89.0 66.1 122.7

188 4.3 2.6 3.8#

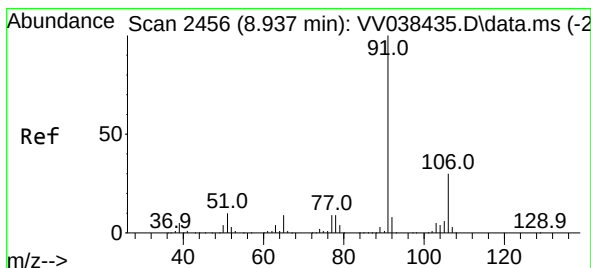
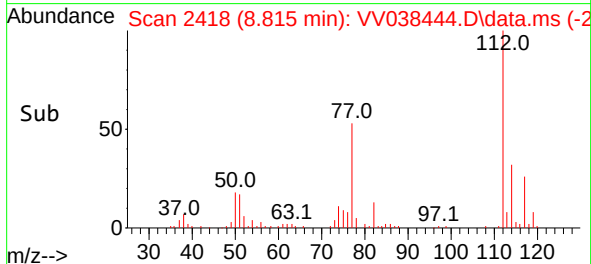
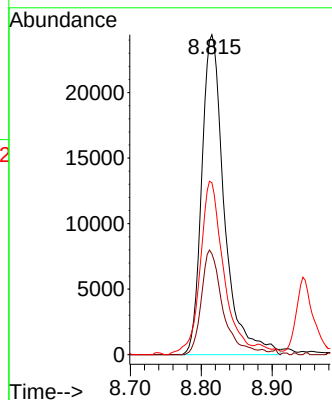
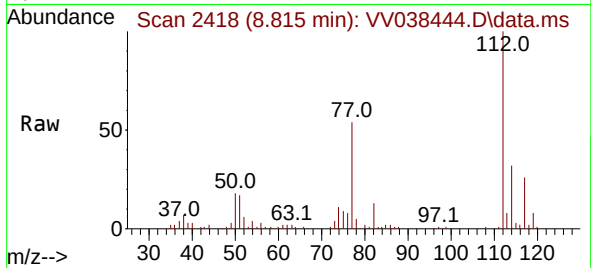




#51
Chlorobenzene
Concen: 1.929 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.006 min
Lab File: VV038444.D
Acq: 06 Dec 2024 18:11

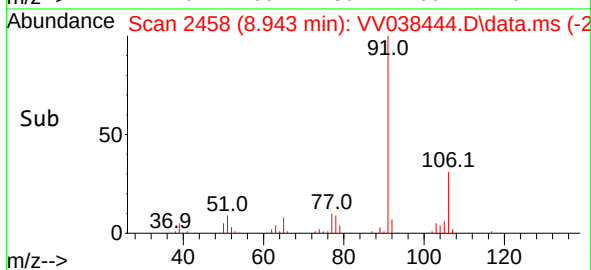
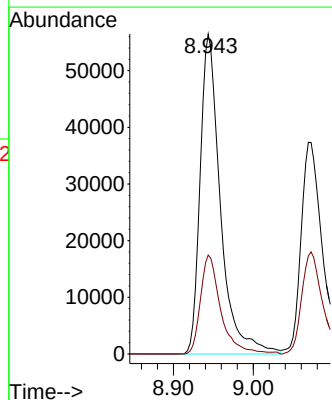
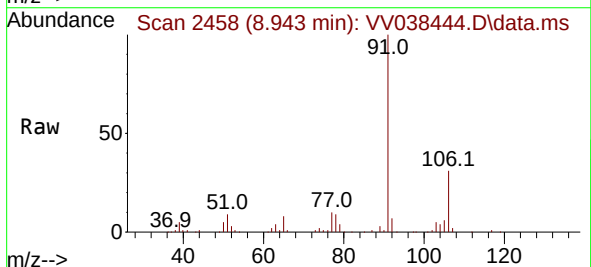
Instrument :
MSVOA_V
ClientSampleId :

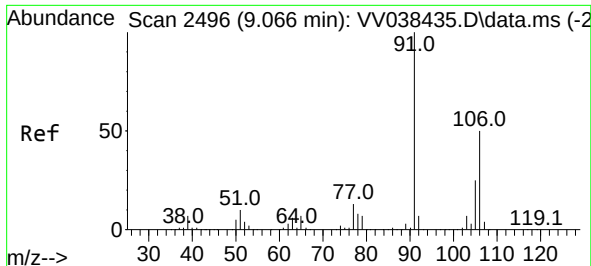
Tgt Ion:112 Resp: 54046
Ion Ratio Lower Upper
112 100
114 31.6 22.0 40.8
77 53.7 45.0 67.4



#52
Ethylbenzene
Concen: 2.309 ug/L
RT: 8.943 min Scan# 2458
Delta R.T. 0.006 min
Lab File: VV038444.D
Acq: 06 Dec 2024 18:11

Tgt Ion: 91 Resp: 99587
Ion Ratio Lower Upper
91 100
106 30.9 21.8 40.4

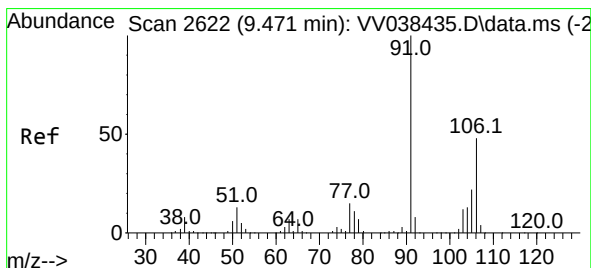
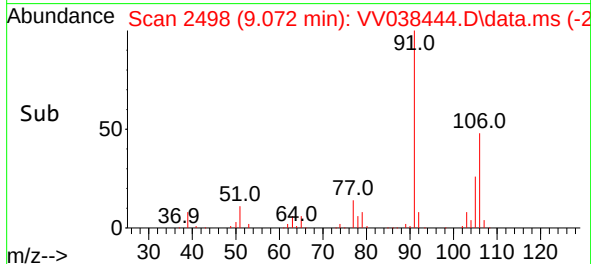
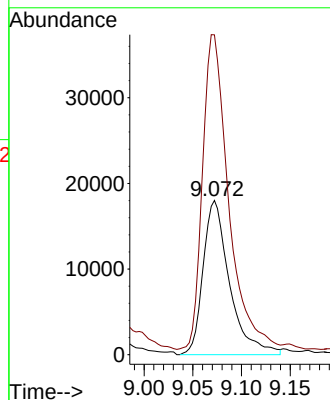
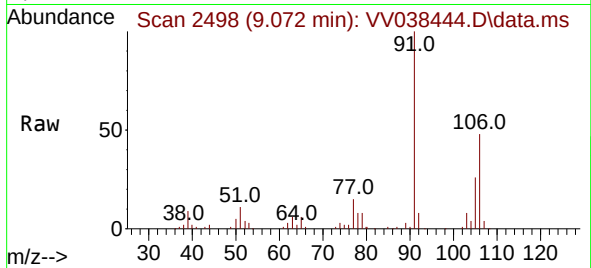




#53
m,p-Xylene
Concen: 2.093 ug/L
RT: 9.072 min Scan# 2496
Delta R.T. 0.006 min
Lab File: VV038444.D
Acq: 06 Dec 2024 18:11

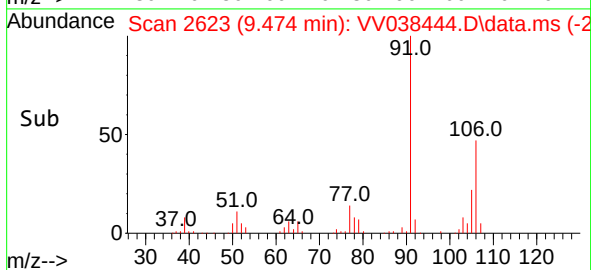
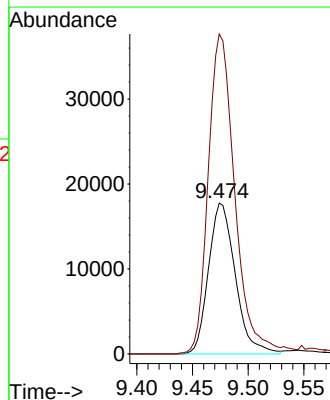
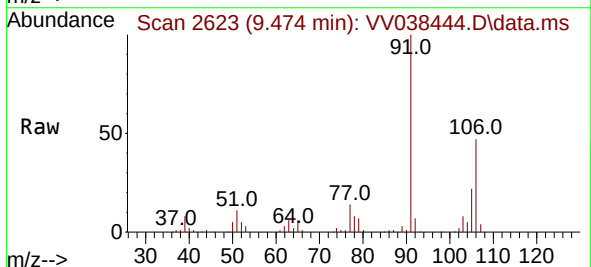
Instrument :
MSVOA_V
ClientSampleId :

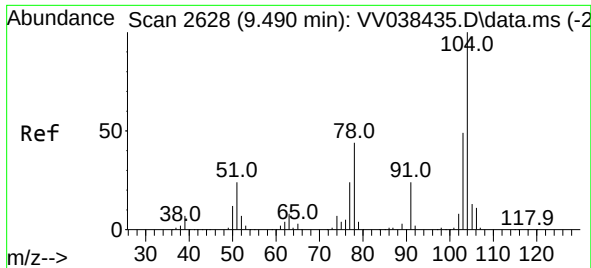
Tgt Ion:106 Resp: 34070
Ion Ratio Lower Upper
106 100
91 207.4 138.7 257.5



#54
o-Xylene
Concen: 1.874 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.003 min
Lab File: VV038444.D
Acq: 06 Dec 2024 18:11

Tgt Ion:106 Resp: 29689
Ion Ratio Lower Upper
106 100
91 212.0 155.5 288.7

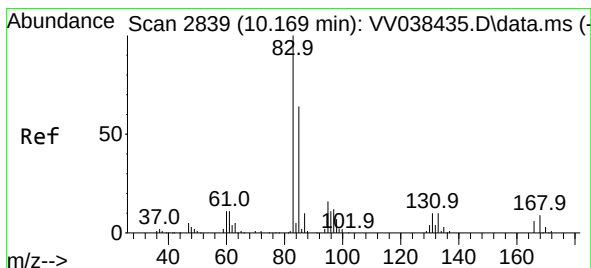
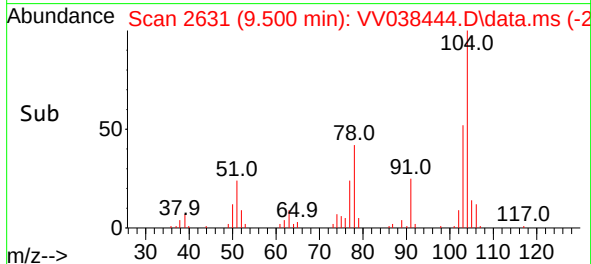
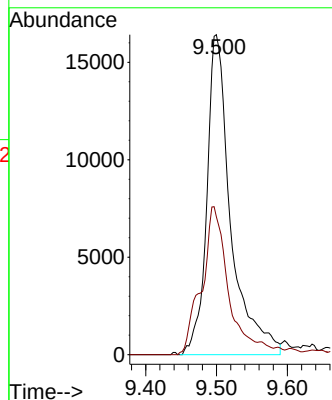
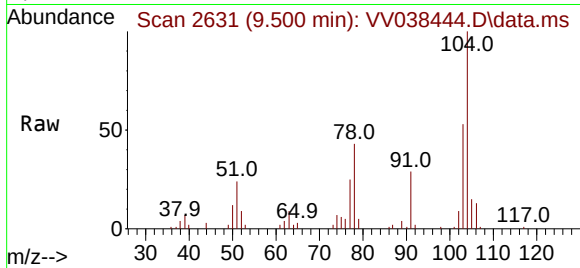




#55
Styrene
Concen: 1.381 ug/L
RT: 9.500 min Scan# 21
Delta R.T. 0.009 min
Lab File: VV038444.D
Acq: 06 Dec 2024 18:11

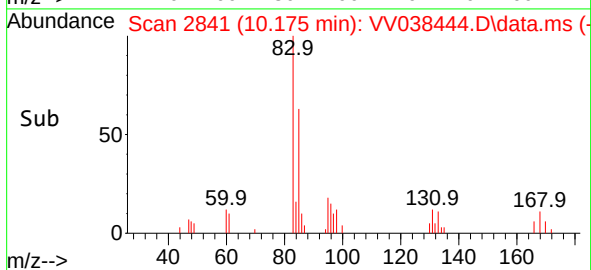
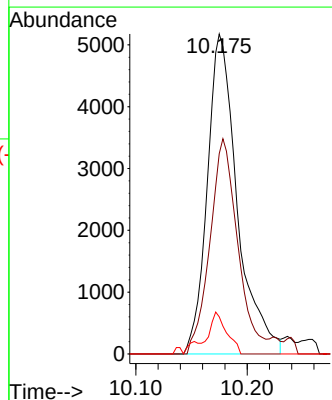
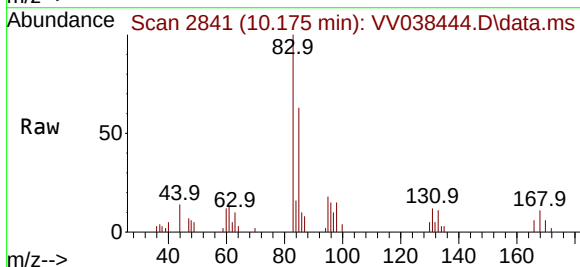
Instrument :
MSVOA_V
ClientSampleId :

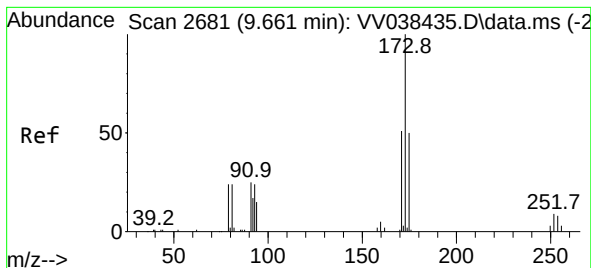
Tgt Ion:104 Resp: 38583
Ion Ratio Lower Upper
104 100
78 43.1 29.7 55.1



#57
1,1,2,2-Tetrachloroethane
Concen: 1.063 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.006 min
Lab File: VV038444.D
Acq: 06 Dec 2024 18:11

Tgt Ion: 83 Resp: 9696
Ion Ratio Lower Upper
83 100
85 62.6 45.7 84.9
131 11.6 8.2 12.4





#59

Bromoform

Concen: 1.574 ug/L

RT: 9.667 min Scan# 2

Delta R.T. 0.006 min

Lab File: VV038444.D

Acq: 06 Dec 2024 18:11

Instrument :

MSVOA_V

ClientSampleId :

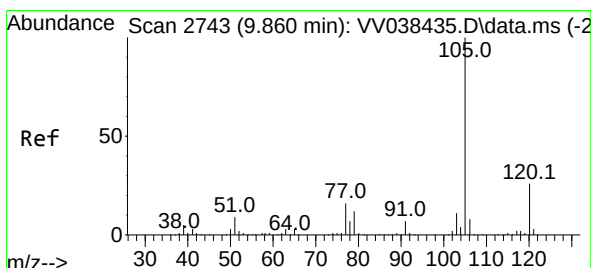
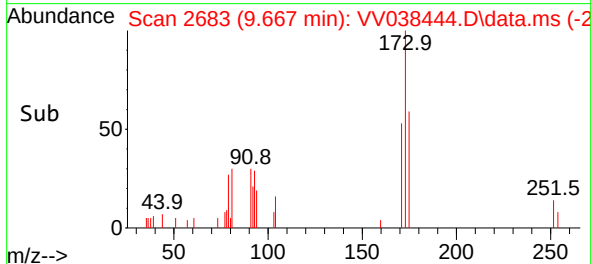
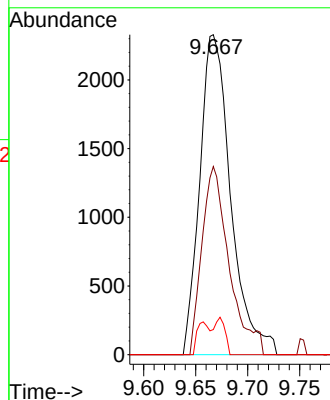
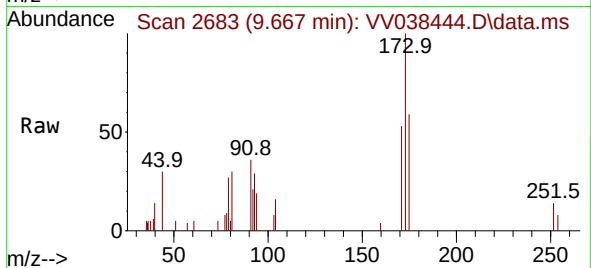
Tgt Ion:173 Resp: 4831

Ion Ratio Lower Upper

173 100

175 51.5 38.5 57.7

254 4.2 6.9 10.3#



#60

Isopropylbenzene

Concen: 3.523 ug/L

RT: 9.863 min Scan# 2744

Delta R.T. 0.003 min

Lab File: VV038444.D

Acq: 06 Dec 2024 18:11

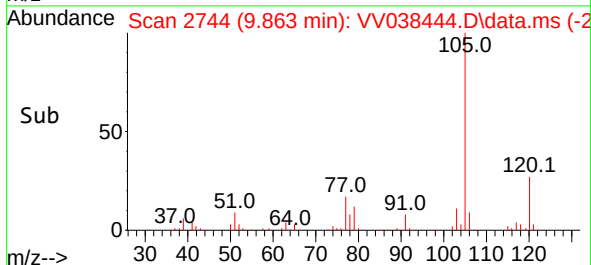
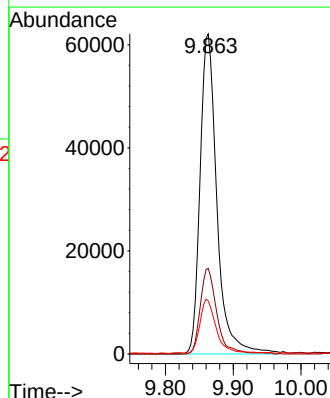
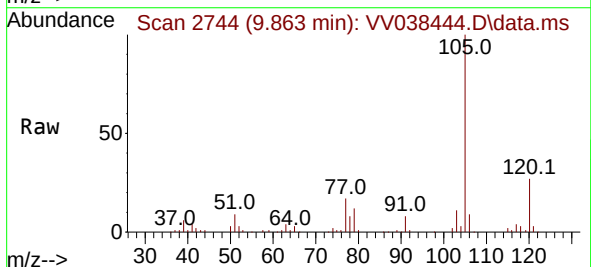
Tgt Ion:105 Resp: 107017

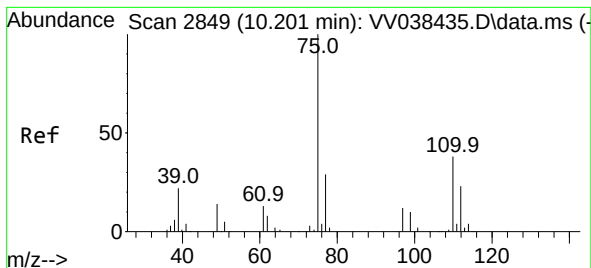
Ion Ratio Lower Upper

105 100

120 26.0 20.8 31.2

77 16.2 12.2 18.2





#61

1,2,3-Trichloropropane

Concen: 1.448 ug/L

RT: 10.210 min Scan# 2849

Delta R.T. 0.009 min

Lab File: VV038444.D

Acq: 06 Dec 2024 18:11

Instrument :

MSVOA_V

ClientSampleId :

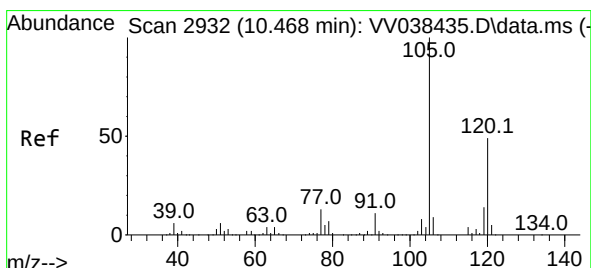
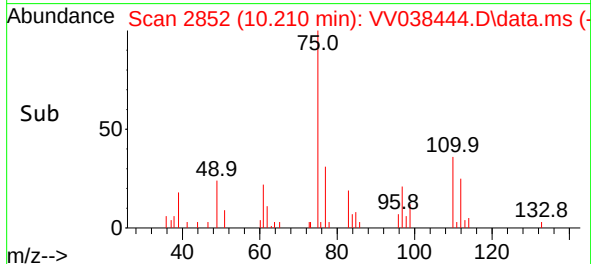
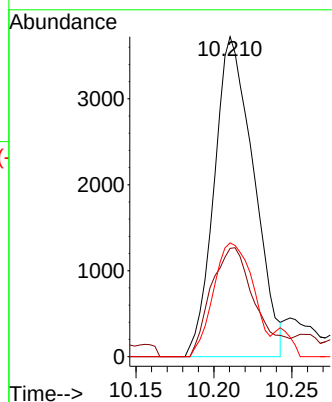
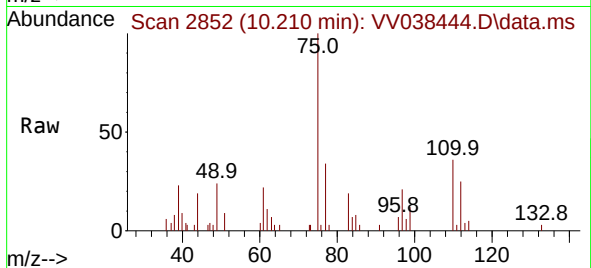
Tgt Ion: 75 Resp: 6536

Ion Ratio Lower Upper

75 100

77 38.6 26.4 39.6

110 36.0 32.3 48.5



#62

1,3,5-Trimethylbenzene

Concen: 2.849 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.003 min

Lab File: VV038444.D

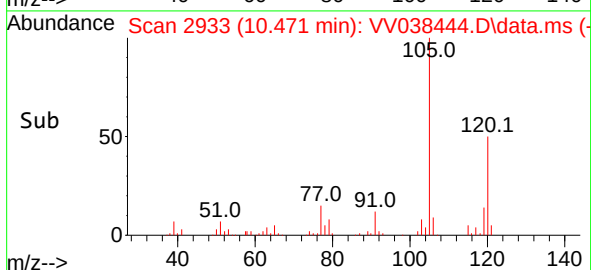
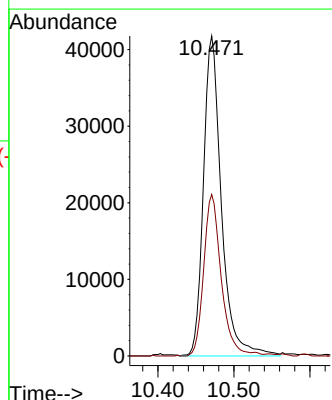
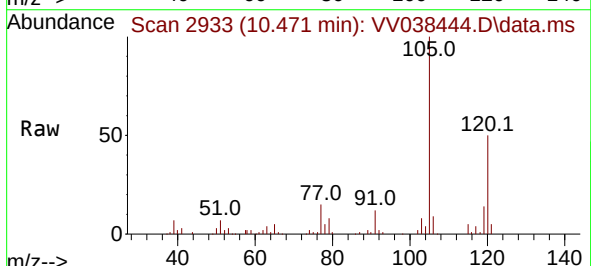
Acq: 06 Dec 2024 18:11

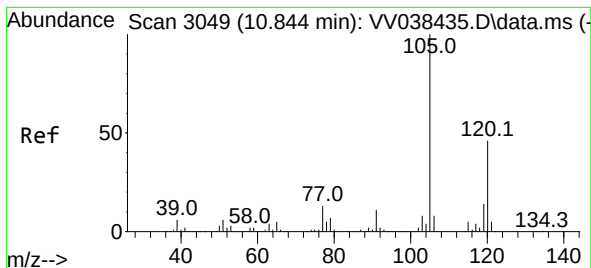
Tgt Ion: 105 Resp: 68668

Ion Ratio Lower Upper

105 100

120 49.3 39.2 58.8





#63

1,2,4-Trimethylbenzene

Concen: 2.300 ug/L

RT: 10.847 min Scan# 3049

Delta R.T. 0.003 min

Lab File: VV038444.D

Acq: 06 Dec 2024 18:11

Instrument :

MSVOA_V

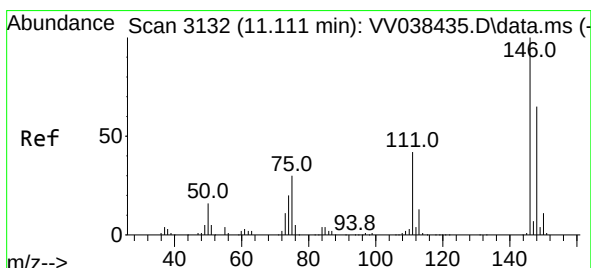
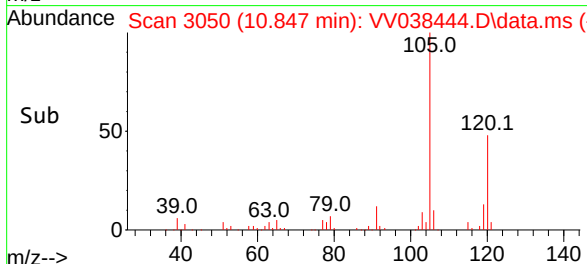
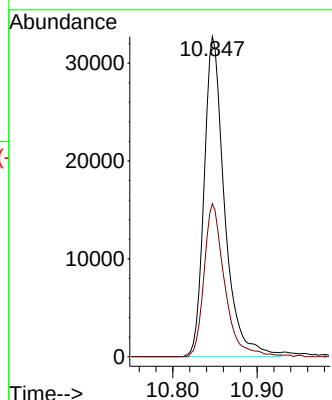
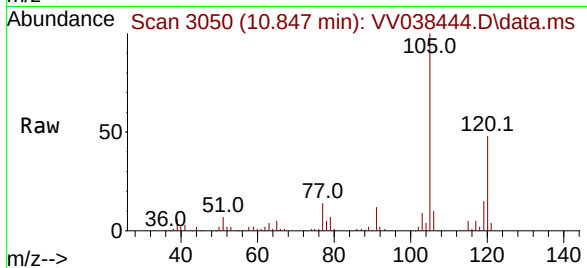
ClientSampleId :

Tgt Ion:105 Resp: 55278

Ion Ratio Lower Upper

105 100

120 48.1 37.0 55.4



#64

1,3-Dichlorobenzene

Concen: 2.085 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.006 min

Lab File: VV038444.D

Acq: 06 Dec 2024 18:11

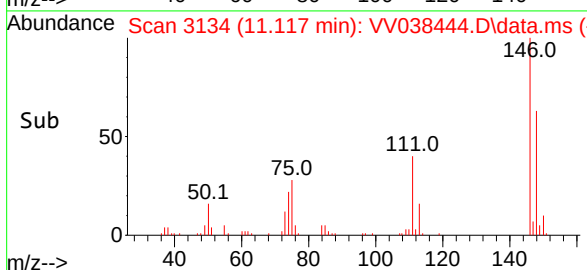
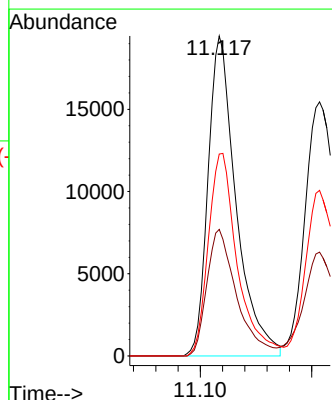
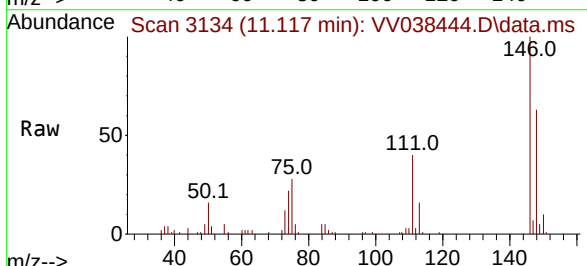
Tgt Ion:146 Resp: 33998

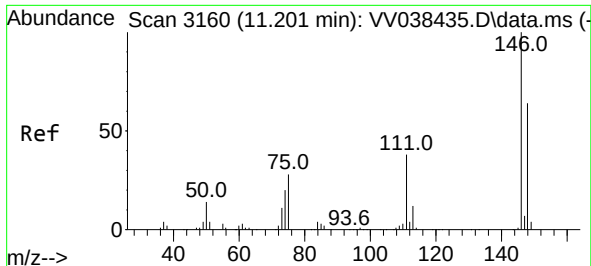
Ion Ratio Lower Upper

146 100

111 39.5 28.2 52.4

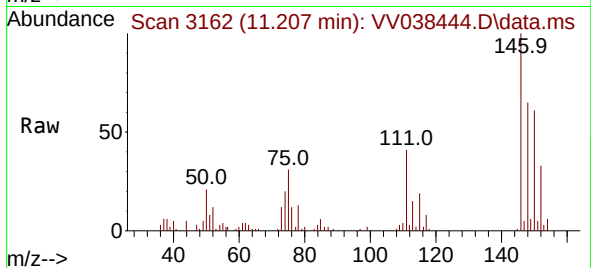
148 63.1 44.2 82.2



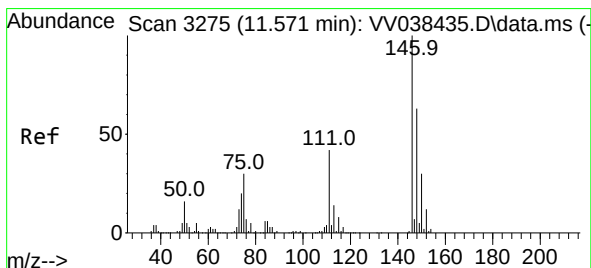
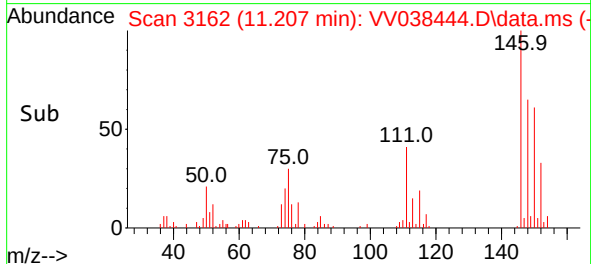
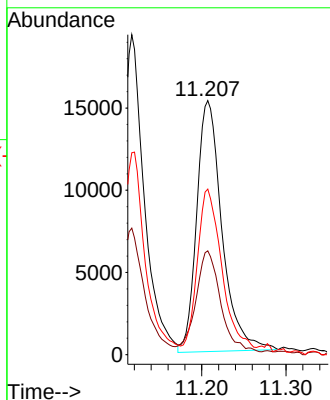


#65
1,4-Dichlorobenzene
Concen: 1.934 ug/L
RT: 11.207 min Scan# 3160
Delta R.T. 0.006 min
Lab File: VV038444.D
Acq: 06 Dec 2024 18:11

Instrument :
MSVOA_V
ClientSampleId :

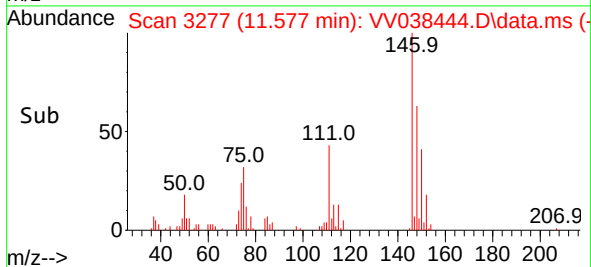
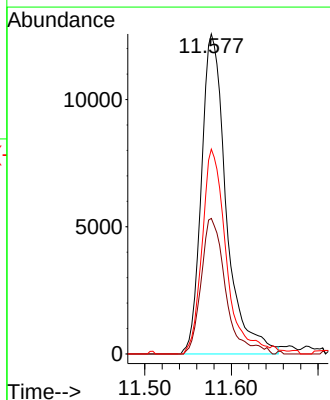
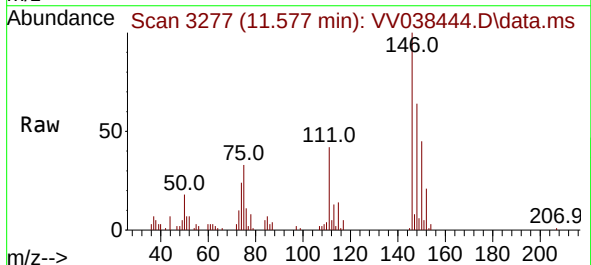


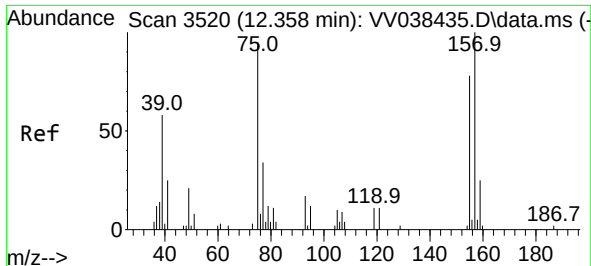
Tgt Ion:146 Resp: 31887
Ion Ratio Lower Upper
146 100
111 40.9 27.4 50.8
148 65.2 44.4 82.4



#67
1,2-Dichlorobenzene
Concen: 1.659 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. 0.006 min
Lab File: VV038444.D
Acq: 06 Dec 2024 18:11

Tgt Ion:146 Resp: 25041
Ion Ratio Lower Upper
146 100
111 42.3 34.2 51.2
148 64.0 51.0 76.4

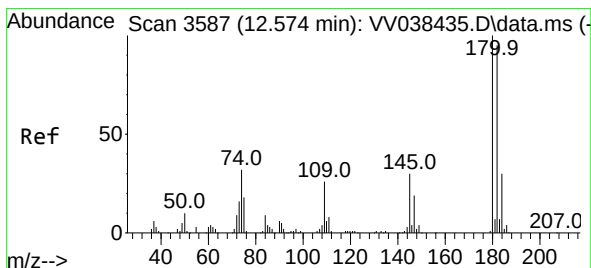
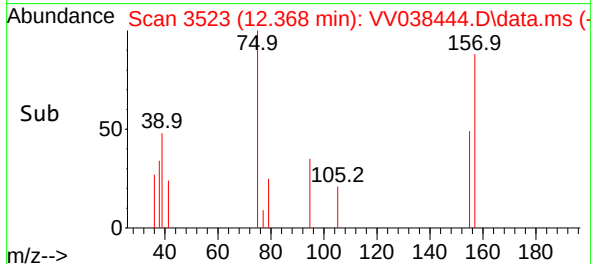
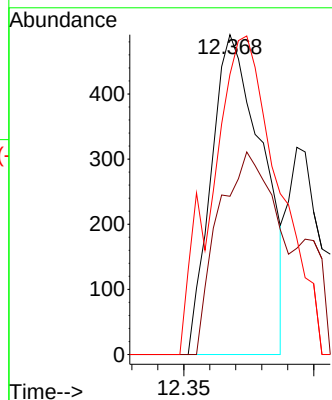
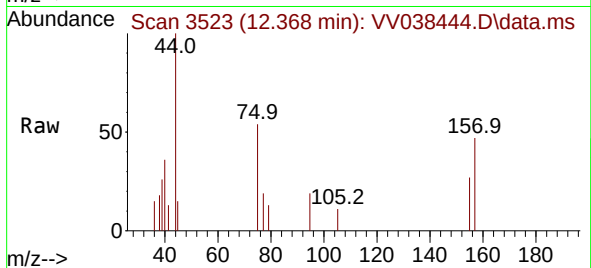




#68
1,2-Dibromo-3-chloropropane
Concen: 0.666 ug/L
RT: 12.368 min Scan# 31
Delta R.T. 0.009 min
Lab File: VV038444.D
Acq: 06 Dec 2024 18:11

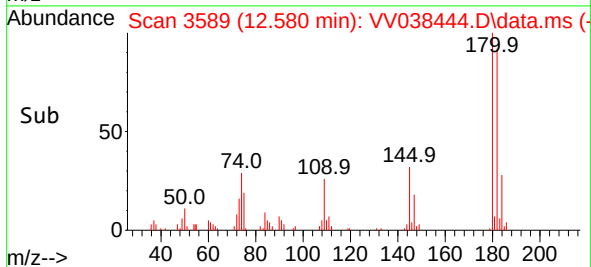
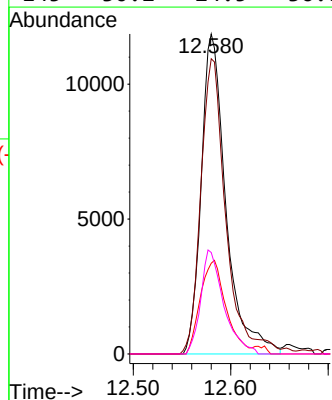
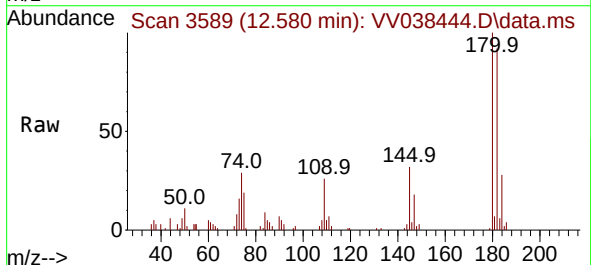
Instrument :
MSVOA_V
ClientSampleId :

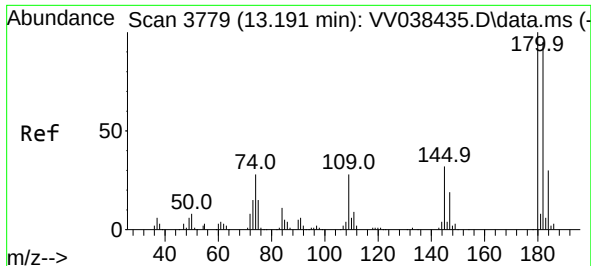
Tgt Ion: 75 Resp: 675
Ion Ratio Lower Upper
75 100
155 49.5 67.5 101.3#
157 87.6 82.7 124.1



#69
1,3,5-Trichlorobenzene
Concen: 1.810 ug/L
RT: 12.580 min Scan# 3589
Delta R.T. 0.006 min
Lab File: VV038444.D
Acq: 06 Dec 2024 18:11

Tgt Ion: 180 Resp: 20916
Ion Ratio Lower Upper
180 100
182 93.2 76.0 114.0
184 30.4 23.7 35.5
145 30.2 24.5 36.7

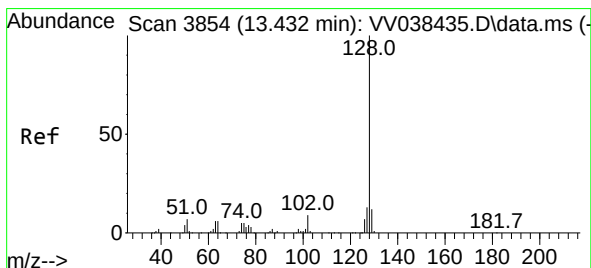
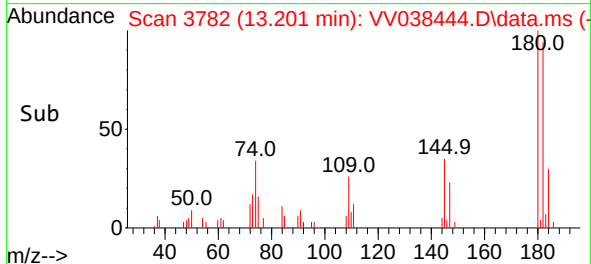
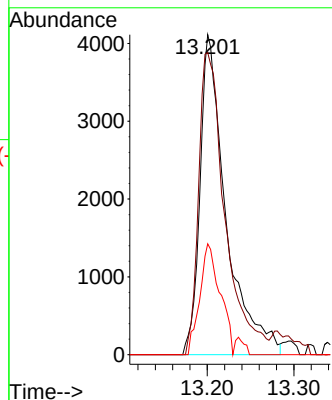
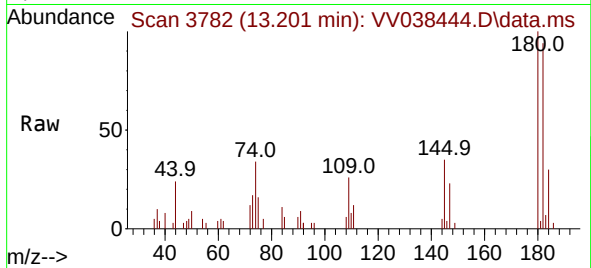




#70
1,2,4-trichlorobenzene
Concen: 0.900 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.009 min
Lab File: VV038444.D
Acq: 06 Dec 2024 18:11

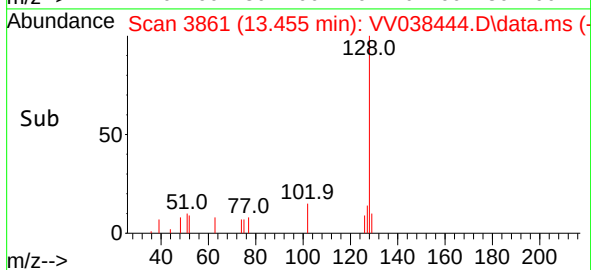
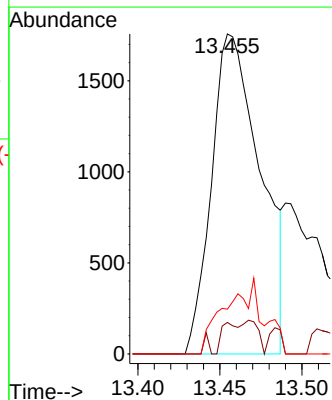
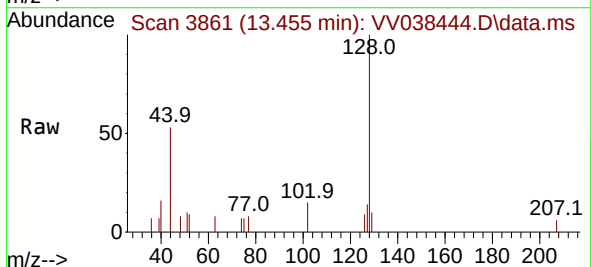
Instrument :
MSVOA_V
ClientSampleId :

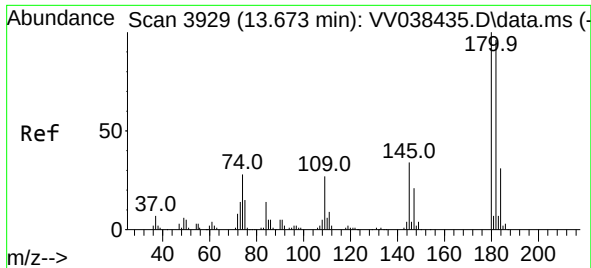
Tgt Ion:180 Resp: 8595
Ion Ratio Lower Upper
180 100
182 95.6 73.8 110.8
145 26.9 24.6 37.0



#71
Naphthalene
Concen: 0.245 ug/L
RT: 13.455 min Scan# 3861
Delta R.T. 0.022 min
Lab File: VV038444.D
Acq: 06 Dec 2024 18:11

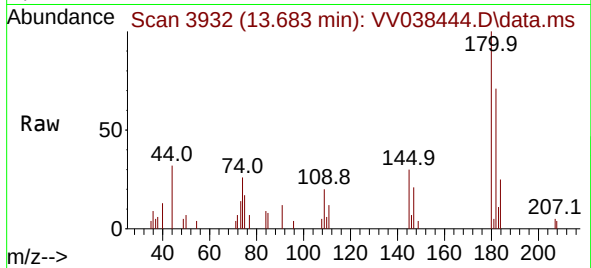
Tgt Ion:128 Resp: 3643
Ion Ratio Lower Upper
128 100
129 3.3 8.5 12.7#
127 0.0 10.1 15.1#





#72
1,2,3-Trichlorobenzene
Concen: 0.568 ug/L
RT: 13.683 min Scan# 3929
Delta R.T. 0.009 min
Lab File: VV038444.D
Acq: 06 Dec 2024 18:11

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	180	Resp:	5016
Ion	Ratio	Lower	Upper
180	100		
182	90.0	75.1	112.7
145	28.9	27.0	40.4

