

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112124\
 Data File : VV038244.D
 Acq On : 21 Nov 2024 16:23
 Operator : SY/MD
 Sample : P4883-09
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 22 01:48:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 01:41:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	233034	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	261746	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	110620	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	66378	3.716	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.400%
7) Chloroethane-d5	1.526	69	68432	4.736	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.053	65	30649	3.987	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.800%
20) 2-Butanone-d5	3.783	46	190039	53.185	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.380%
24) Chloroform-d	4.240	84	162329	4.683	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	4.934	65	81073	5.212	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	4.953	84	286254	4.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	5.982	67	94304	4.530	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.239	98	222874	3.561	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.200%
43) trans-1,3-Dichloroprop...	7.558	79	31647	4.089	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.018	63	157110	52.223	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.440%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	83810	4.743	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	96244	5.106	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	6971	0.399	ug/L	90
13) Acetone	1.847	43	1175458	444.797	ug/L	41
16) Methylene chloride	2.442	84	40672	2.143	ug/L	96
27) 1,2-Dichloroethane	5.063	62	4498	0.243	ug/L	96
29) 1,1,1-Trichloroethane	4.503	97	56268	1.792	ug/L	99
31) Carbon tetrachloride	4.506	117	7875	0.284	ug/L	96
34) Trichloroethene	5.828	95	93368	4.659	ug/L	98
35) Methylcyclohexane	5.982	83	22658	0.799	ug/L #	20
37) 1,2-Dichloropropane	5.982	63	10756	0.584	ug/L #	86
42) Toluene	7.320	91	34837	0.447	ug/L	97
47) Tetrachloroethene	7.899	164	89342	5.547	ug/L	98
49) Dibromochloromethane	7.899	129	81613	5.012	ug/L #	11
51) Chlorobenzene	8.812	112	17974	0.335	ug/L	92
52) Ethylbenzene	8.956	91	11193	0.136	ug/L	100
53) m,p-Xylene	9.075	106	7649	0.245	ug/L	95
61) 1,2,3-Trichloropropane	11.178	75	11757	1.241	ug/L #	65
67) 1,2-Dichlorobenzene	11.574	146	8435	0.266	ug/L	89

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 22 01:41:27 2024
Response via : Initial Calibration

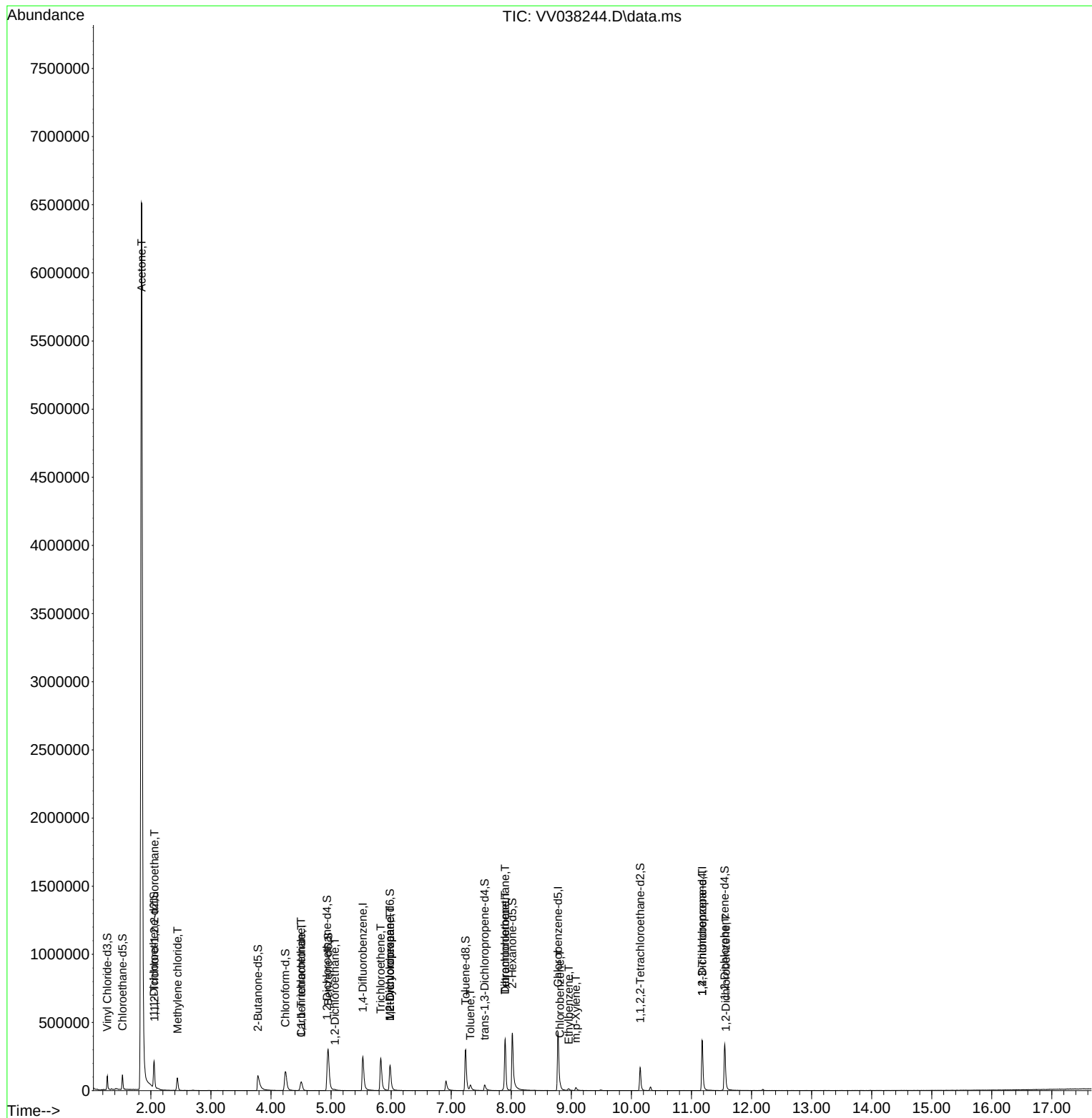
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

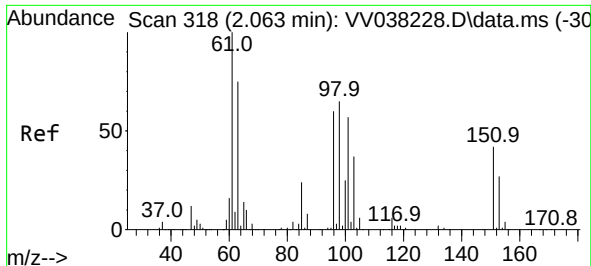
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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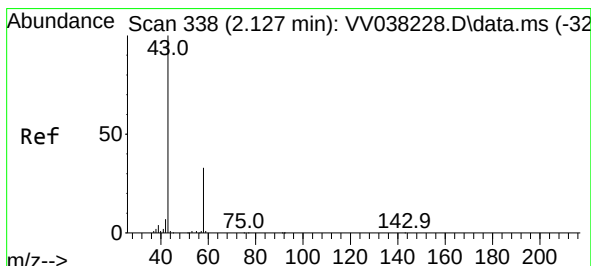
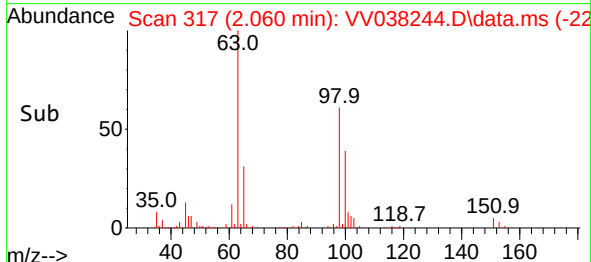
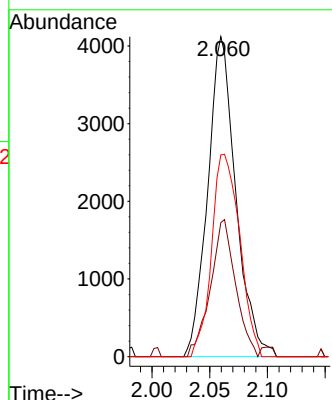
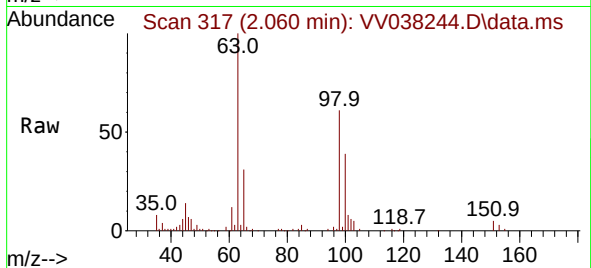




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.399 ug/L
RT: 2.060 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV038244.D
Acq: 21 Nov 2024 16:23

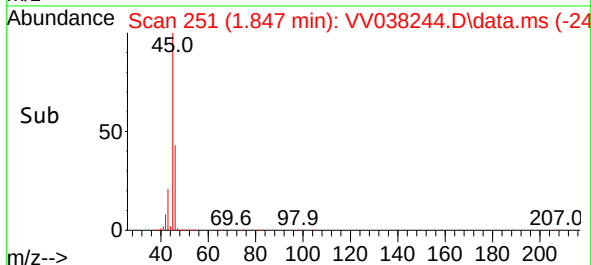
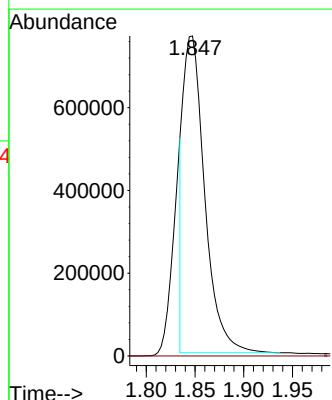
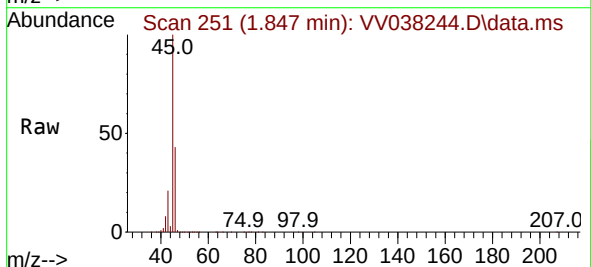
Instrument :
MSVOA_V
ClientSampleId :

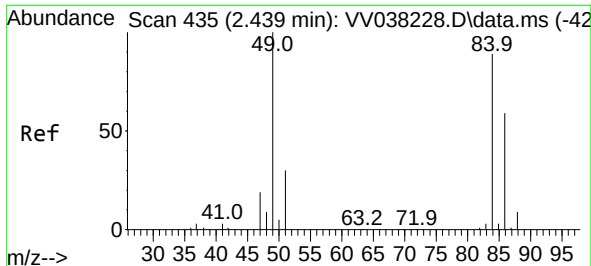
Tgt Ion:101 Resp: 6971
Ion Ratio Lower Upper
101 100
85 38.3 33.4 50.0
151 63.3 58.8 88.2



#13
Acetone
Concen: 444.797 ug/L
RT: 1.847 min Scan# 251
Delta R.T. -0.280 min
Lab File: VV038244.D
Acq: 21 Nov 2024 16:23

Tgt Ion: 43 Resp: 1175458
Ion Ratio Lower Upper
43 100
58 0.0 0.0 67.2

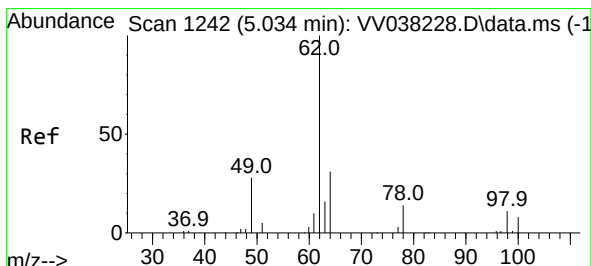
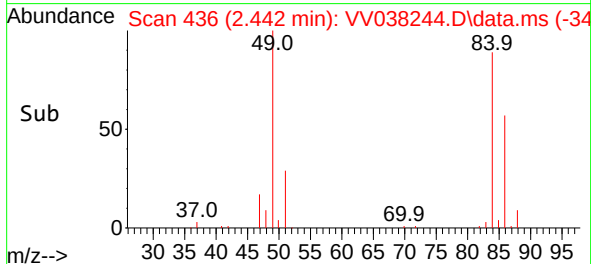
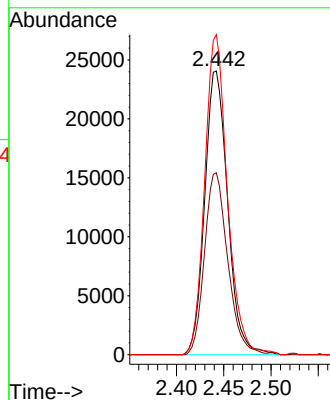
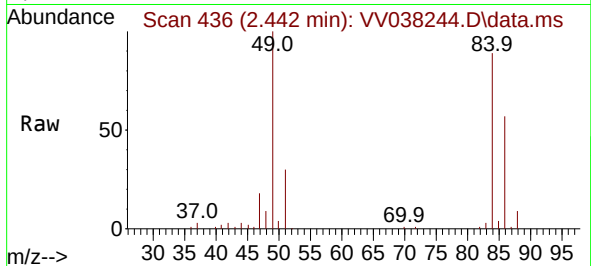




#16
Methylene chloride
Concen: 2.143 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV038244.D
Acq: 21 Nov 2024 16:23

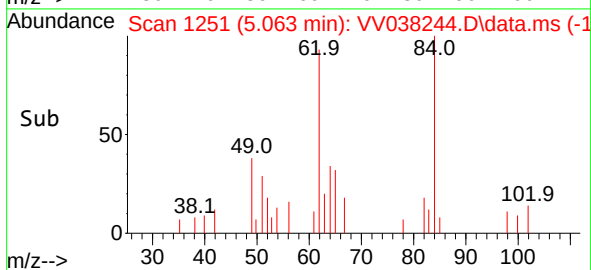
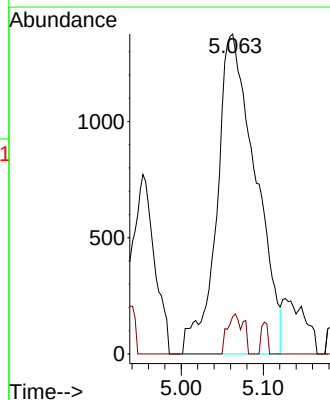
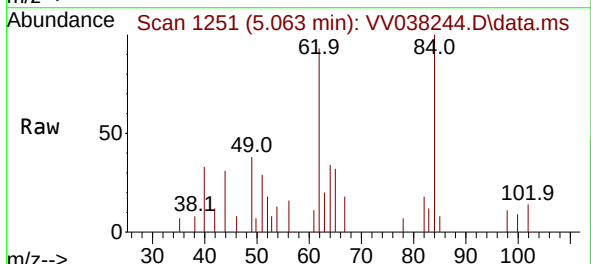
Instrument :
MSVOA_V
ClientSampleId :

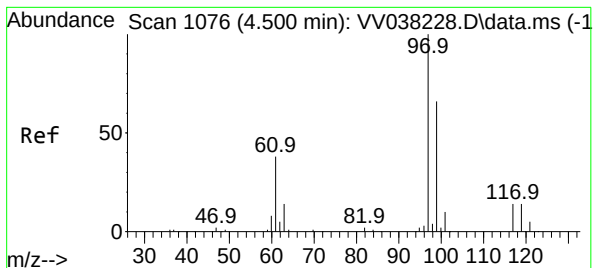
Tgt Ion: 84 Resp: 40672
Ion Ratio Lower Upper
84 100
86 64.1 44.2 82.2
49 112.8 74.9 139.1



#27
1,2-Dichloroethane
Concen: 0.243 ug/L
RT: 5.063 min Scan# 1251
Delta R.T. 0.029 min
Lab File: VV038244.D
Acq: 21 Nov 2024 16:23

Tgt Ion: 62 Resp: 4498
Ion Ratio Lower Upper
62 100
98 11.7 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 1.792 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV038244.D

Acq: 21 Nov 2024 16:23

Instrument :

MSVOA_V

ClientSampleId :

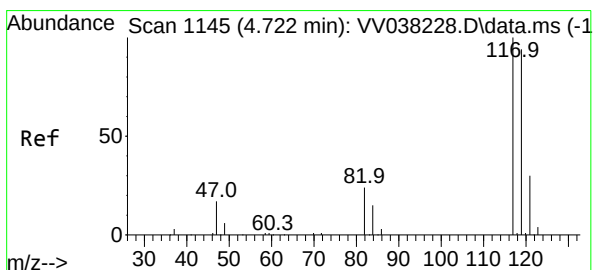
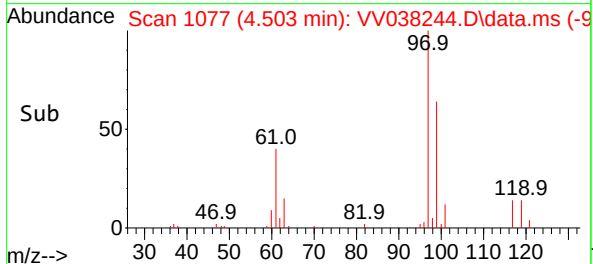
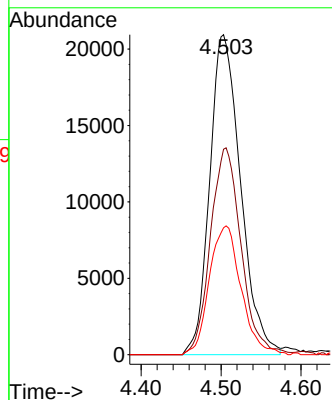
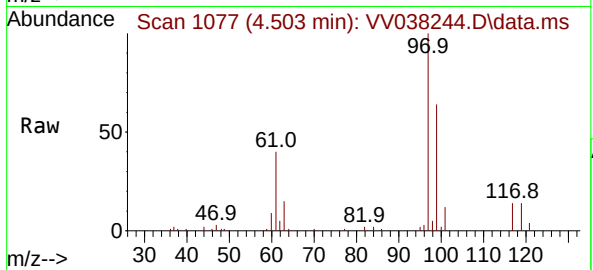
Tgt Ion: 97 Resp: 56268

Ion Ratio Lower Upper

97 100

99 64.0 51.8 77.8

61 41.3 32.2 48.2



#31

Carbon tetrachloride

Concen: 0.284 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. -0.216 min

Lab File: VV038244.D

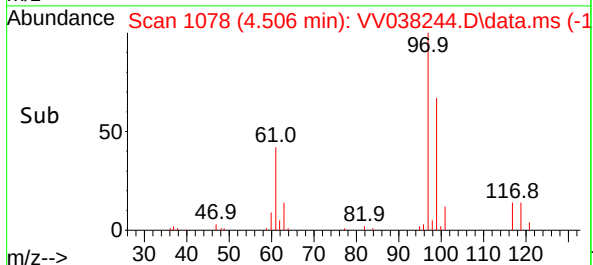
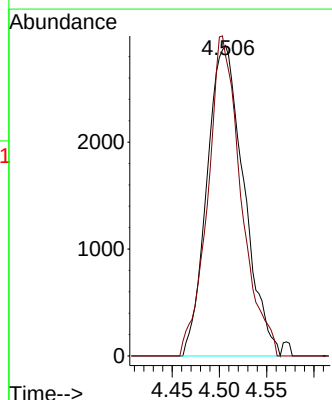
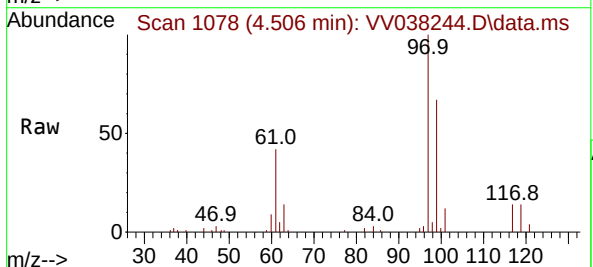
Acq: 21 Nov 2024 16:23

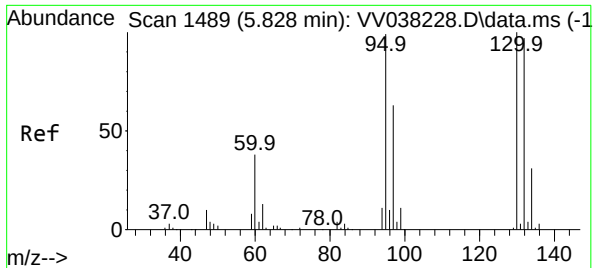
Tgt Ion: 117 Resp: 7875

Ion Ratio Lower Upper

117 100

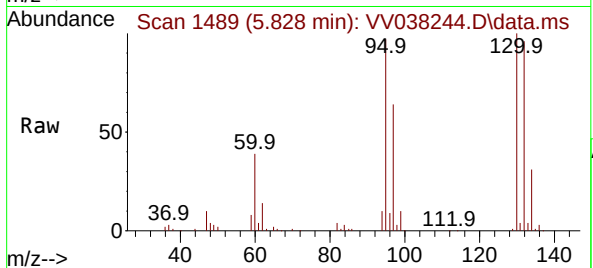
119 93.0 77.4 116.2



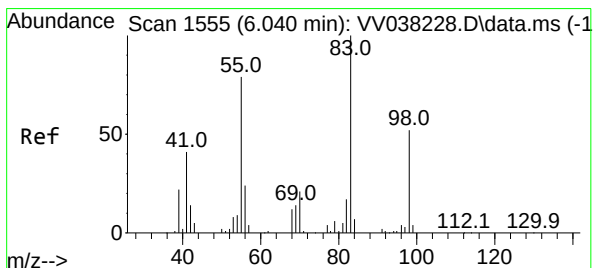
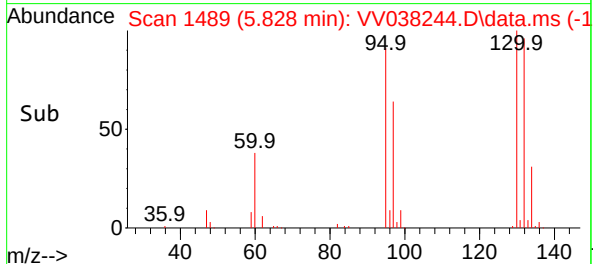
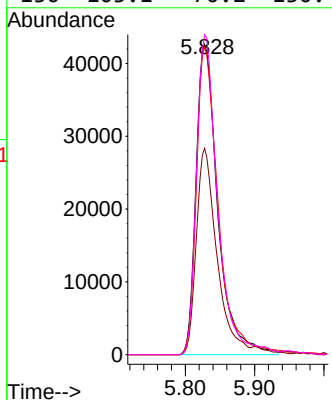


#34
Trichloroethene
Concen: 4.659 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VV038244.D
Acq: 21 Nov 2024 16:23

Instrument :
MSVOA_V
ClientSampleId :

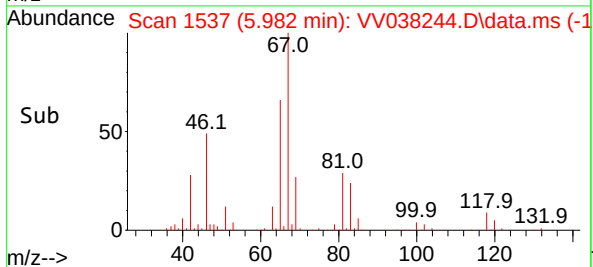
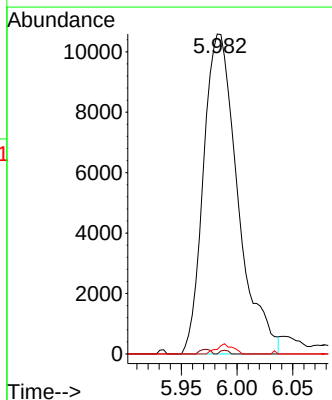
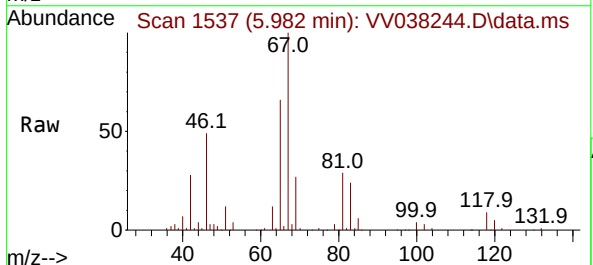


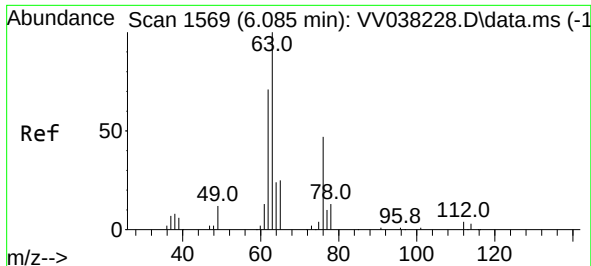
Tgt Ion:	95	Resp:	93368
Ion	Ratio	Lower	Upper
95	100		
97	66.5	44.8	83.2
132	99.1	68.3	126.8
130	103.1	70.2	130.4



#35
Methylcyclohexane
Concen: 0.799 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV038244.D
Acq: 21 Nov 2024 16:23

Tgt Ion:	83	Resp:	22658
Ion	Ratio	Lower	Upper
83	100		
55	0.3	59.7	89.5#
98	1.5	39.0	58.4#





#37

1,2-Dichloropropane

Concen: 0.584 ug/L

RT: 5.982 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV038244.D

Acq: 21 Nov 2024 16:23

Instrument :

MSVOA_V

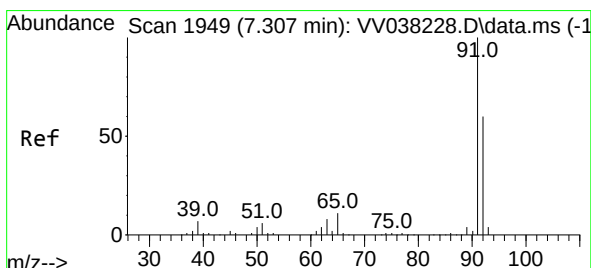
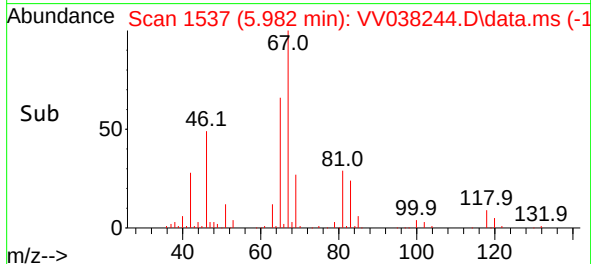
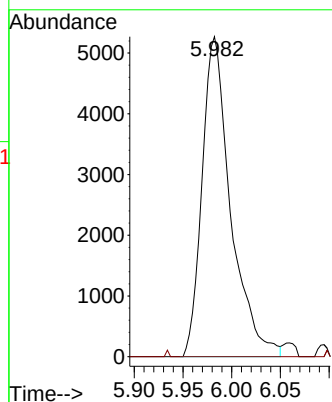
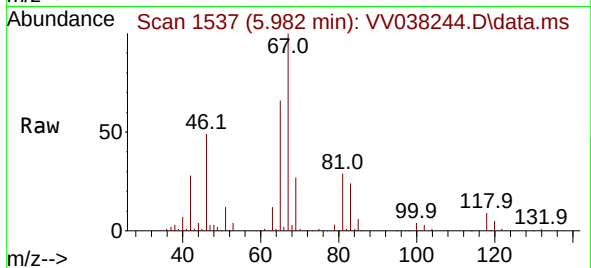
ClientSampleId :

Tgt Ion: 63 Resp: 10756

Ion Ratio Lower Upper

63 100

112 0.2 3.9 5.9#



#42

Toluene

Concen: 0.447 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.013 min

Lab File: VV038244.D

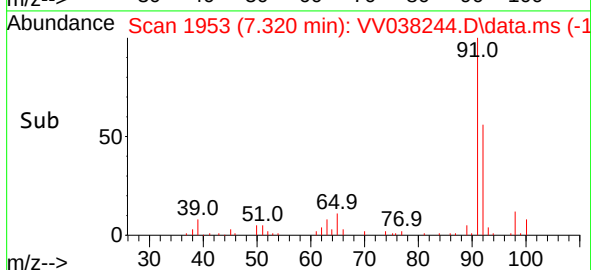
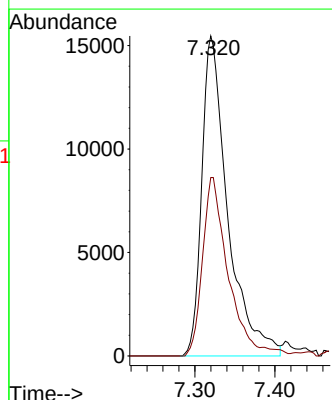
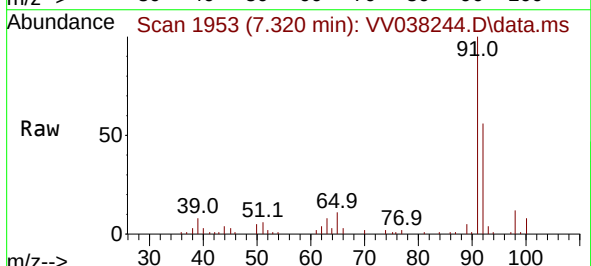
Acq: 21 Nov 2024 16:23

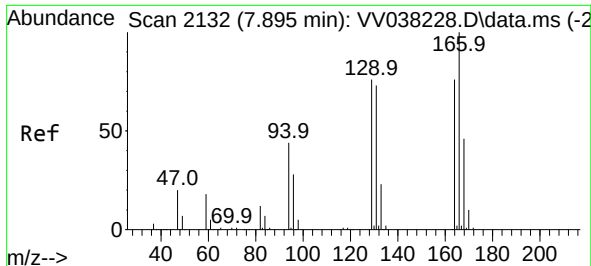
Tgt Ion: 91 Resp: 34837

Ion Ratio Lower Upper

91 100

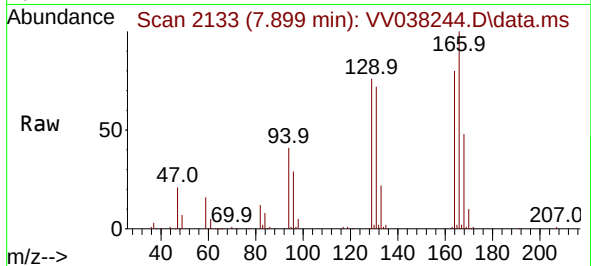
92 55.7 40.8 75.8



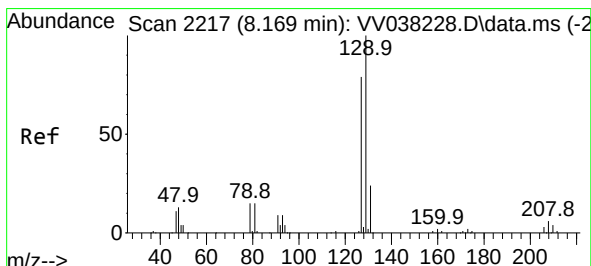
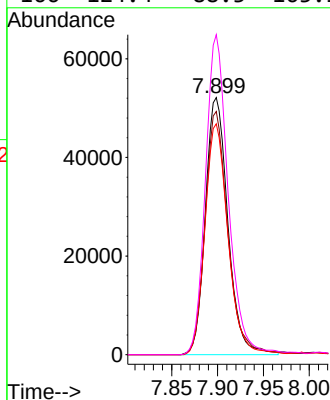
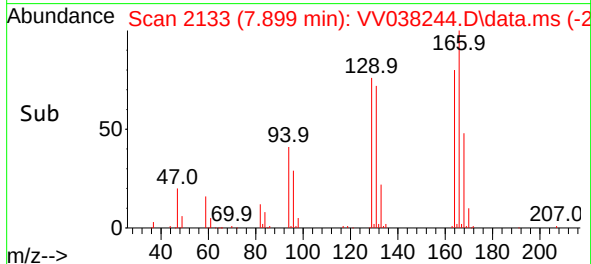


#47
Tetrachloroethene
Concen: 5.547 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038244.D
Acq: 21 Nov 2024 16:23

Instrument :
MSVOA_V
ClientSampleId :

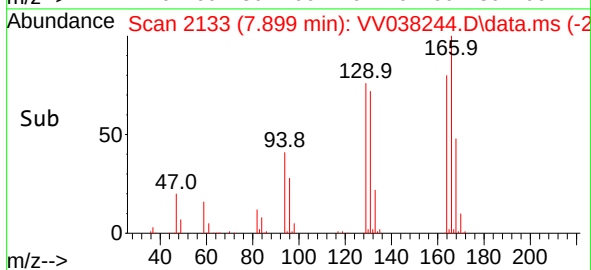
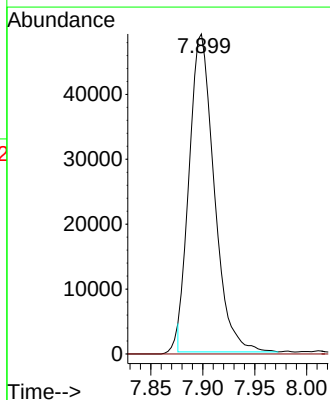
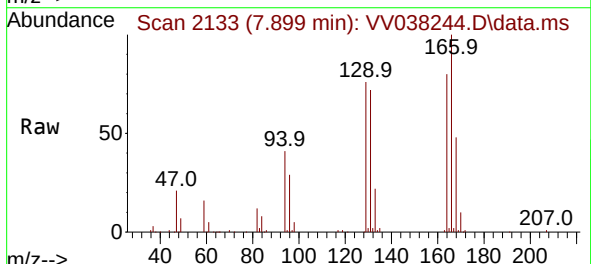


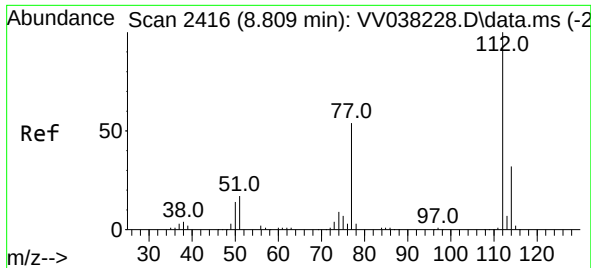
Tgt Ion:164 Resp: 89342
Ion Ratio Lower Upper
164 100
129 94.6 68.5 127.1
131 89.8 64.8 120.4
166 124.4 88.3 163.9



#49
Dibromochloromethane
Concen: 5.012 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.270 min
Lab File: VV038244.D
Acq: 21 Nov 2024 16:23

Tgt Ion:129 Resp: 81613
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#

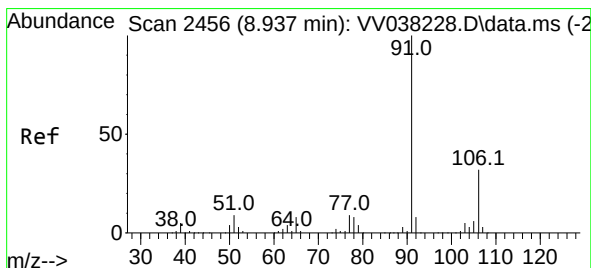
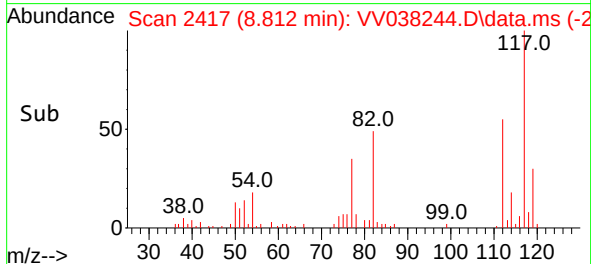
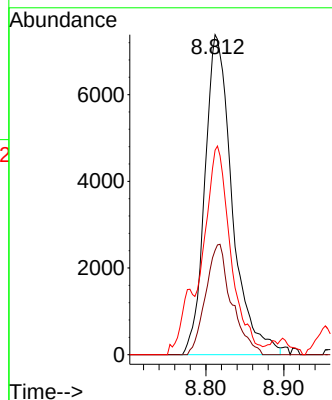
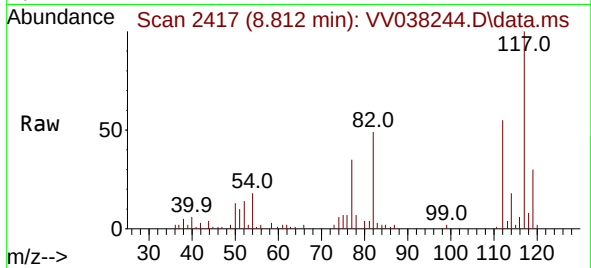




#51
Chlorobenzene
Concen: 0.335 ug/L
RT: 8.812 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV038244.D
Acq: 21 Nov 2024 16:23

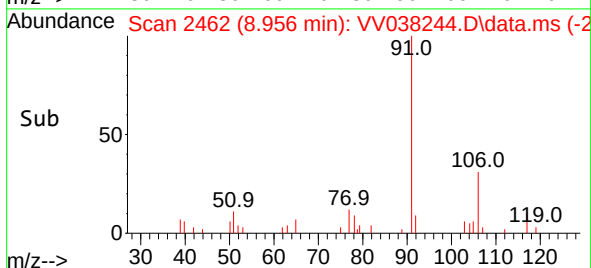
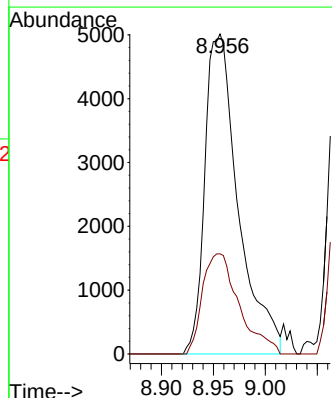
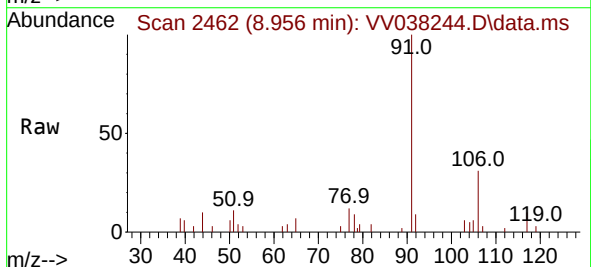
Instrument :
MSVOA_V
ClientSampleId :

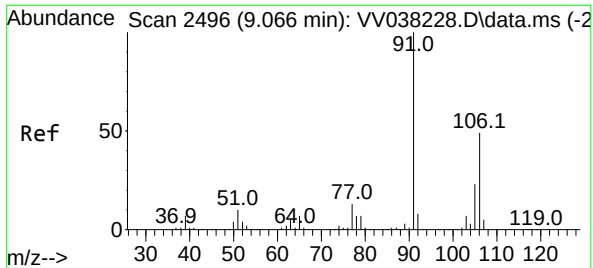
Tgt Ion:112 Resp: 17974
Ion Ratio Lower Upper
112 100
114 32.6 22.0 40.8
77 63.9 45.0 67.4



#52
Ethylbenzene
Concen: 0.136 ug/L
RT: 8.956 min Scan# 2462
Delta R.T. 0.019 min
Lab File: VV038244.D
Acq: 21 Nov 2024 16:23

Tgt Ion: 91 Resp: 11193
Ion Ratio Lower Upper
91 100
106 31.3 21.8 40.4

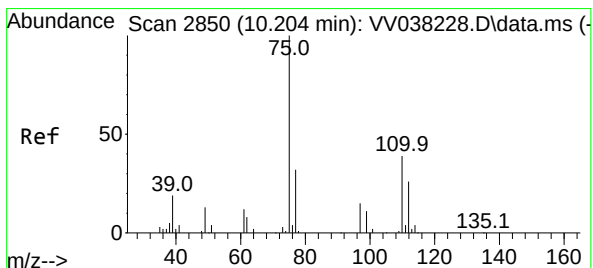
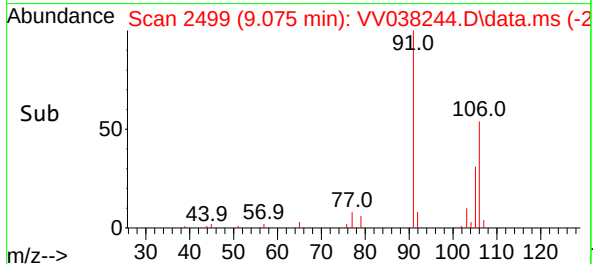
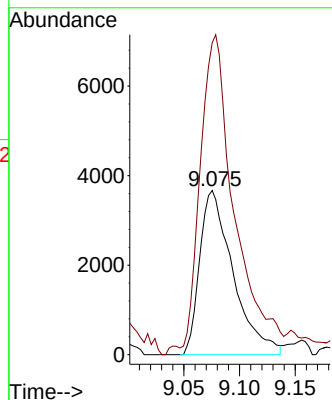
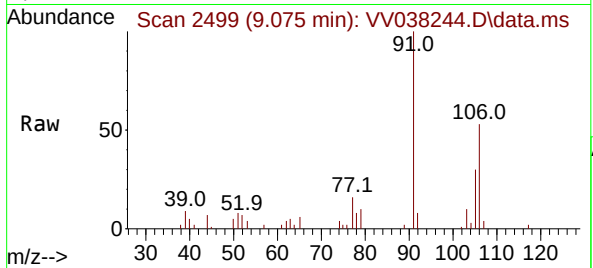




#53
m,p-Xylene
Concen: 0.245 ug/L
RT: 9.075 min Scan# 2496
Delta R.T. 0.010 min
Lab File: VV038244.D
Acq: 21 Nov 2024 16:23

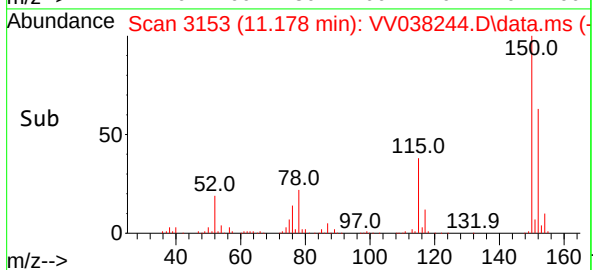
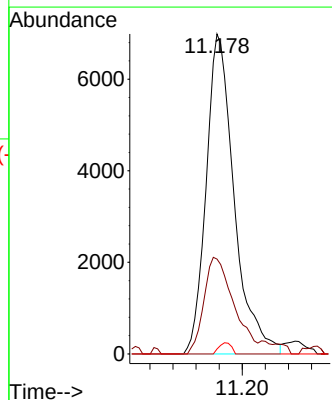
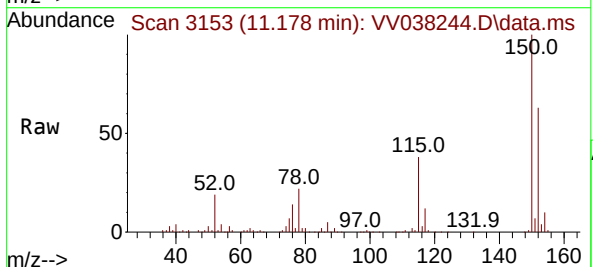
Instrument :
MSVOA_V
ClientSampleId :

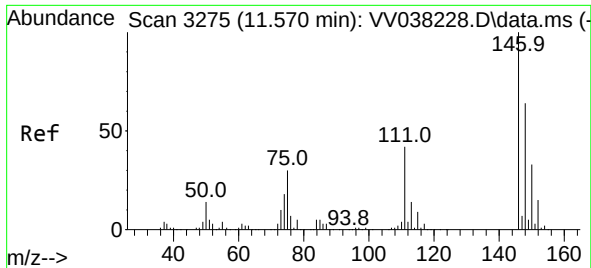
Tgt Ion:106 Resp: 7649
Ion Ratio Lower Upper
106 100
91 189.8 138.7 257.5



#61
1,2,3-Trichloropropane
Concen: 1.241 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.974 min
Lab File: VV038244.D
Acq: 21 Nov 2024 16:23

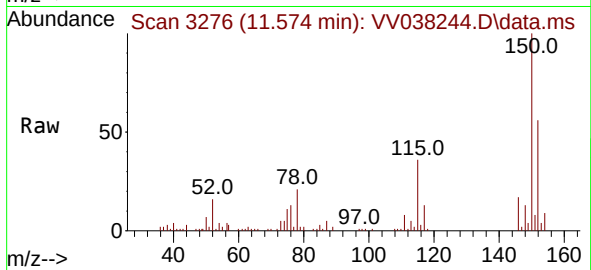
Tgt Ion: 75 Resp: 11757
Ion Ratio Lower Upper
75 100
77 32.2 26.4 39.6
110 1.5 32.3 48.5#





#67
 1,2-Dichlorobenzene
 Concen: 0.266 ug/L
 RT: 11.574 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV038244.D
 Acq: 21 Nov 2024 16:23

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	146	Resp:	8435
Ion	Ratio	Lower	Upper
146	100		
111	45.4	34.2	51.2
148	75.9	51.0	76.4

