

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
 Data File : VV038286.D
 Acq On : 22 Nov 2024 22:43
 Operator : SY/MD
 Sample : P4930-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 02:06:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 23 02:01:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	238832	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	265051	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	108498	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	64465	3.522	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.400%
7) Chloroethane-d5	1.529	69	67360	4.549	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.053	65	30490	3.870	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.400%
20) 2-Butanone-d5	3.786	46	214127	58.472	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.940%
24) Chloroform-d	4.240	84	166359	4.683	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	4.937	65	83817	5.258	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	4.950	84	285020	4.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	5.982	67	102652	4.870	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.240	98	216989	3.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.400%#
43) trans-1,3-Dichloroprop...	7.558	79	31264	3.989	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.018	63	168086	55.175	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.340%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	86123	4.813	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	11.554	152	91328	4.940	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	11524	0.510	ug/L	99
9) Trichlorofluoromethane	1.709	101	17754	0.566	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	40069	2.238	ug/L	96
12) 1,1-Dichloroethene	2.066	96	118618	6.954	ug/L #	77
15) Methyl Acetate	2.253	43	51058	7.763	ug/L #	47
16) Methylene chloride	2.442	84	12629	0.649	ug/L	94
19) 1,1-Dichloroethane	3.108	63	24062	0.738	ug/L	98
22) cis-1,2-Dichloroethene	3.806	96	106096	5.710	ug/L	98
25) Chloroform	4.272	83	52093	1.493	ug/L	100
27) 1,2-Dichloroethane	5.060	62	5120	0.270	ug/L #	85
29) 1,1,1-Trichloroethane	4.507	97	38801	1.221	ug/L	97
31) Carbon tetrachloride	4.728	117	17678	0.630	ug/L	96
34) Trichloroethene	5.822	95	648010	31.929	ug/L	99
35) Methylcyclohexane	5.982	83	24927	0.868	ug/L #	19
37) 1,2-Dichloropropane	5.982	63	11151	0.598	ug/L #	88
42) Toluene	7.326	91	12771	0.162	ug/L	98
47) Tetrachloroethene	7.895	164	240848	14.768	ug/L	99
49) Dibromochloromethane	7.895	129	221225	13.416	ug/L #	11
51) Chlorobenzene	8.815	112	7790	0.143	ug/L #	92

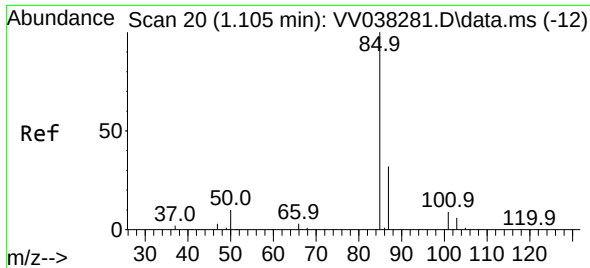
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
Data File : VV038286.D
Acq On : 22 Nov 2024 22:43
Operator : SY/MD
Sample : P4930-02
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 23 02:06:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 23 02:01:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) m,p-Xylene	9.082	106	1922	0.061	ug/L #	60
61) 1,2,3-Trichloropropane	11.178	75	12081	1.301	ug/L #	60

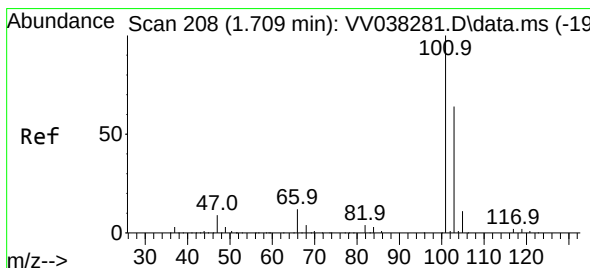
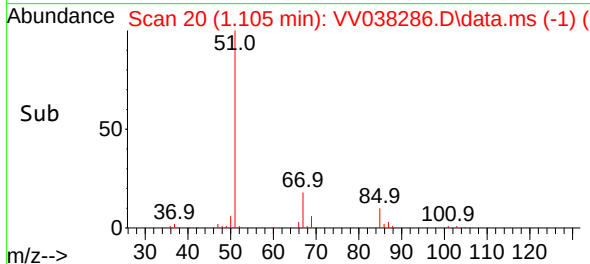
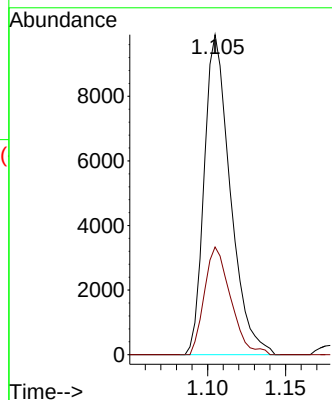
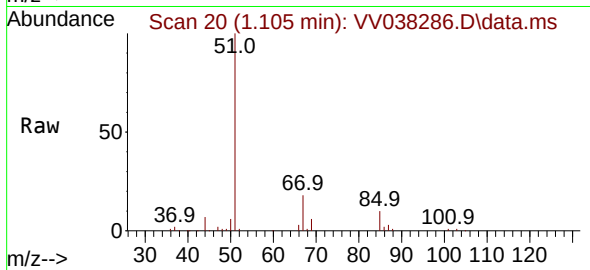
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 0.510 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038286.D
 Acq: 22 Nov 2024 22:43

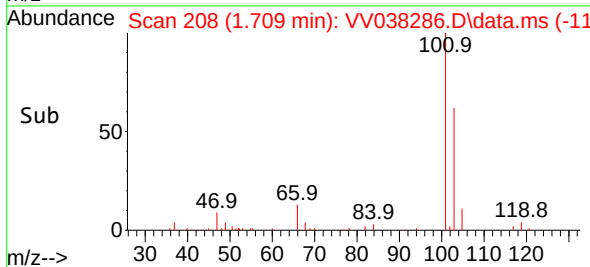
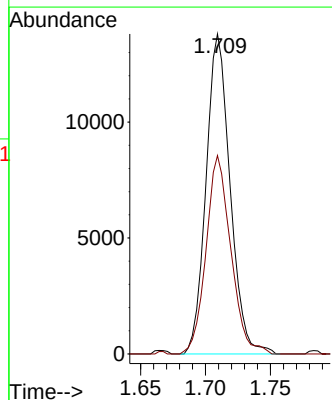
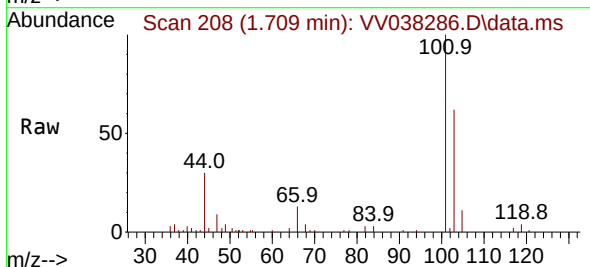
Instrument :
 MSVOA_V
 ClientSampleId :

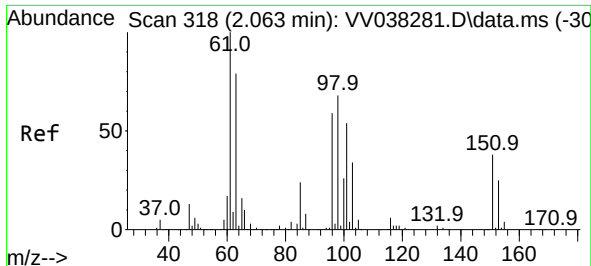
Tgt Ion: 85 Resp: 11524
 Ion Ratio Lower Upper
 85 100
 87 33.8 26.5 39.7



#9
 Trichlorofluoromethane
 Concen: 0.566 ug/L
 RT: 1.709 min Scan# 208
 Delta R.T. 0.000 min
 Lab File: VV038286.D
 Acq: 22 Nov 2024 22:43

Tgt Ion:101 Resp: 17754
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.5 77.3





#10

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

Concen: 2.238 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV038286.D

Acq: 22 Nov 2024 22:43

Instrument :

MSVOA_V

ClientSampleId :

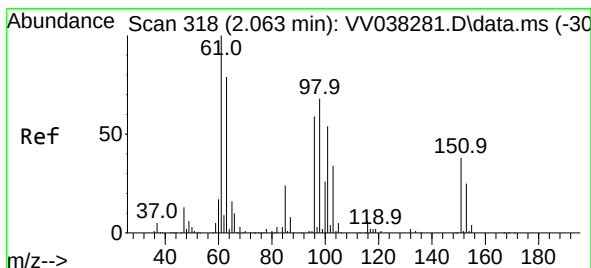
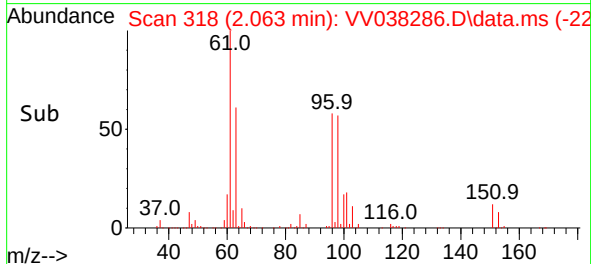
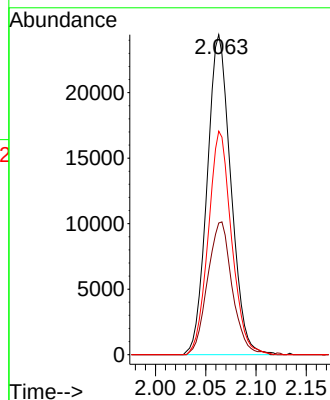
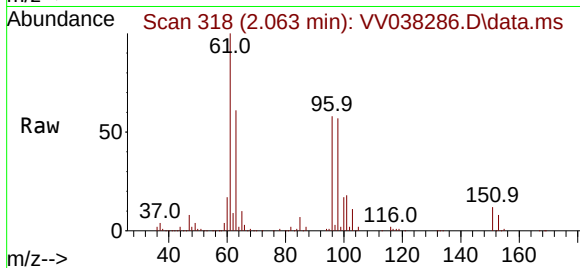
Tgt Ion:101 Resp: 40069

Ion Ratio Lower Upper

101 100

85 43.0 33.4 50.0

151 68.7 58.8 88.2



#12

1,1-Dichloroethene

Concen: 6.954 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV038286.D

Acq: 22 Nov 2024 22:43

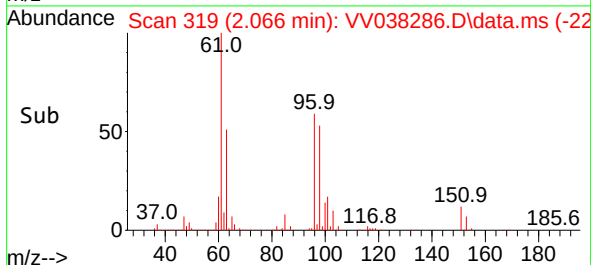
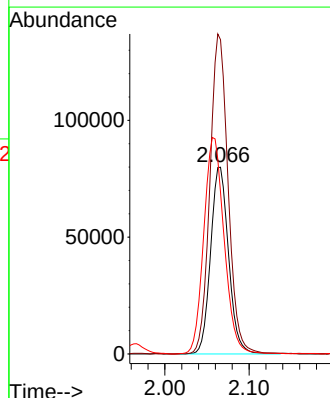
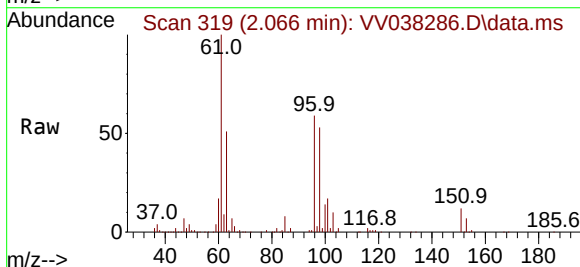
Tgt Ion: 96 Resp: 118618

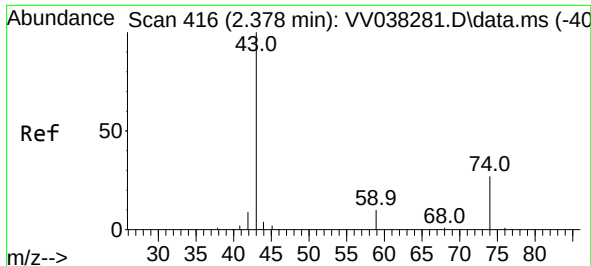
Ion Ratio Lower Upper

96 100

61 168.3 115.7 214.9

63 86.6 101.1 187.7#

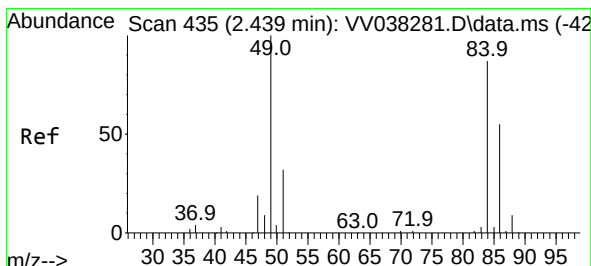
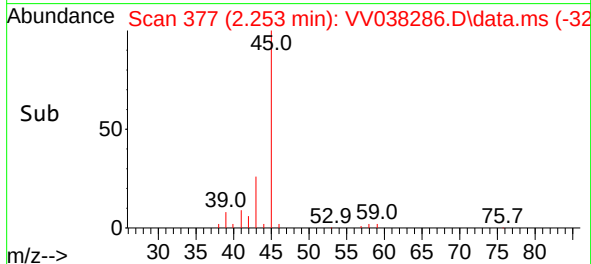
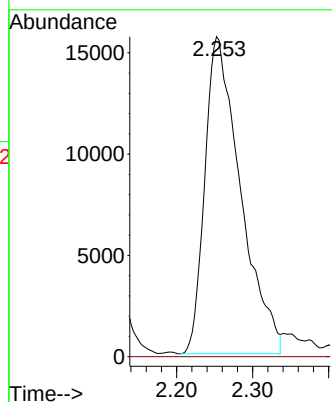
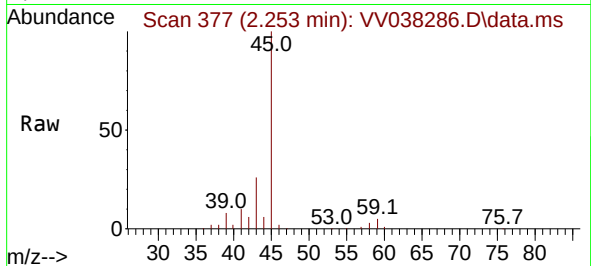




#15
Methyl Acetate
Concen: 7.763 ug/L
RT: 2.253 min Scan# 31
Delta R.T. -0.125 min
Lab File: VV038286.D
Acq: 22 Nov 2024 22:43

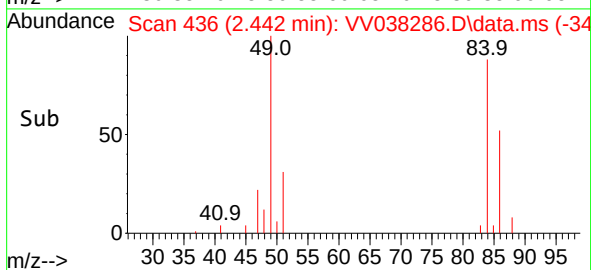
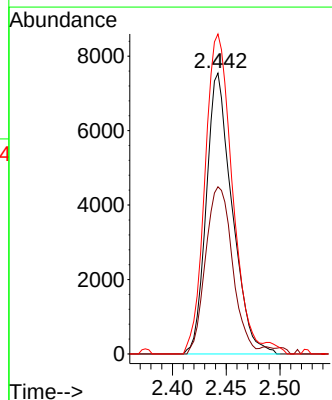
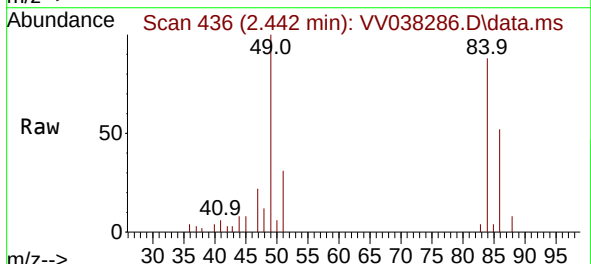
Instrument :
MSVOA_V
ClientSampleId :

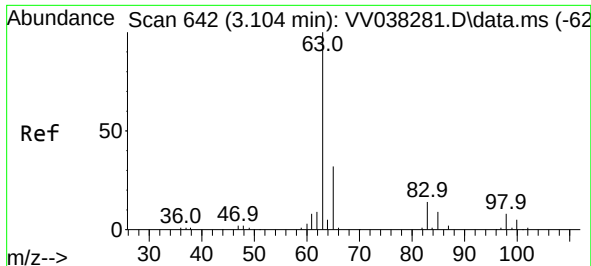
Tgt Ion: 43 Resp: 51058
Ion Ratio Lower Upper
43 100
74 0.0 22.4 33.6#



#16
Methylene chloride
Concen: 0.649 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038286.D
Acq: 22 Nov 2024 22:43

Tgt Ion: 84 Resp: 12629
Ion Ratio Lower Upper
84 100
86 59.5 44.2 82.2
49 114.0 74.9 139.1





#19

1,1-Dichloroethane

Concen: 0.738 ug/L

RT: 3.108 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV038286.D

Acq: 22 Nov 2024 22:43

Instrument :

MSVOA_V

ClientSampleId :

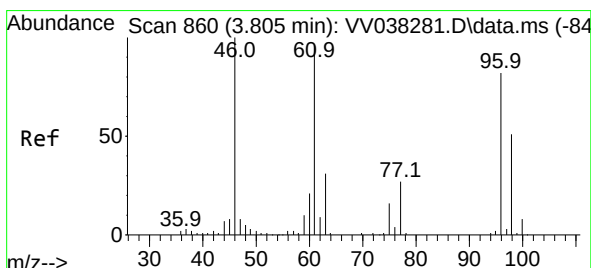
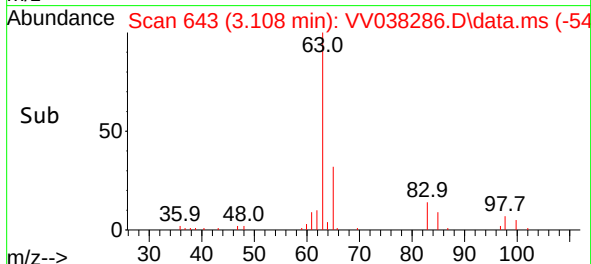
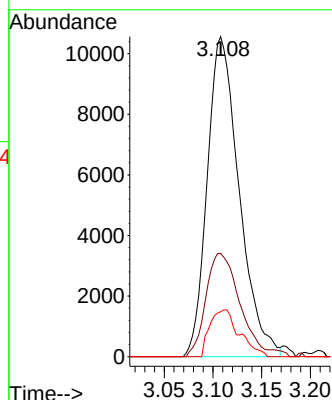
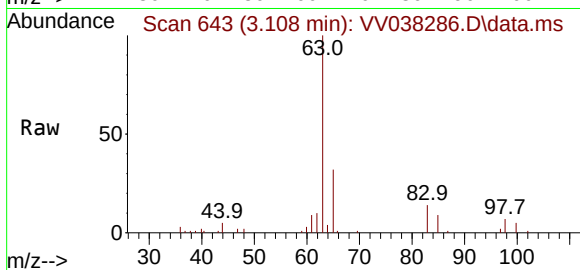
Tgt Ion: 63 Resp: 24062

Ion Ratio Lower Upper

63 100

65 33.4 22.5 41.7

83 14.1 10.1 18.9



#22

cis-1,2-Dichloroethene

Concen: 5.710 ug/L

RT: 3.806 min Scan# 860

Delta R.T. 0.000 min

Lab File: VV038286.D

Acq: 22 Nov 2024 22:43

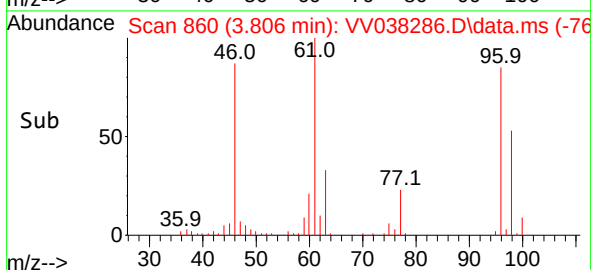
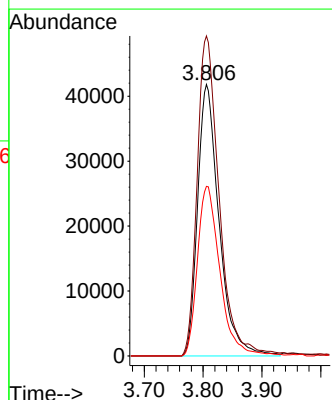
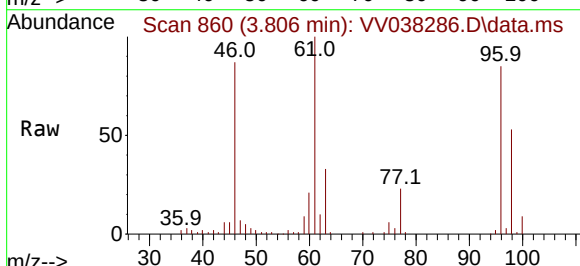
Tgt Ion: 96 Resp: 106096

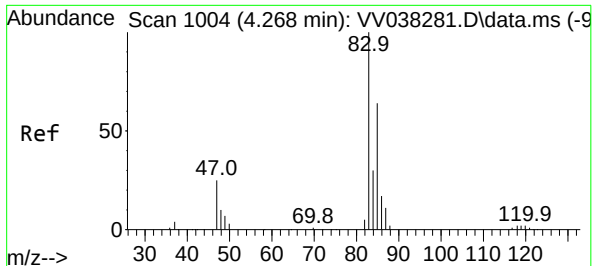
Ion Ratio Lower Upper

96 100

61 117.9 82.7 153.5

98 62.5 46.3 85.9

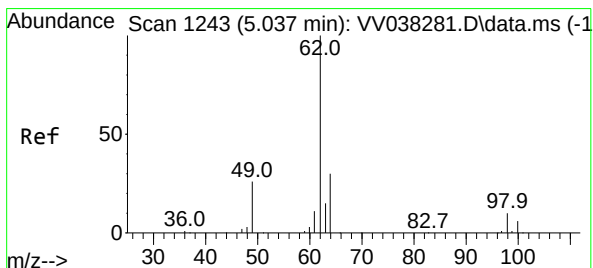
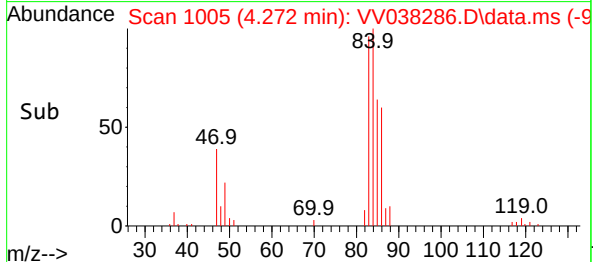
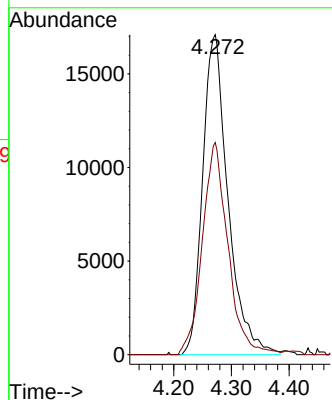
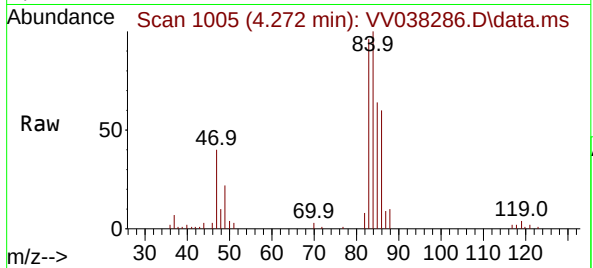




#25
Chloroform
Concen: 1.493 ug/L
RT: 4.272 min Scan# 10
Delta R.T. 0.003 min
Lab File: VV038286.D
Acq: 22 Nov 2024 22:43

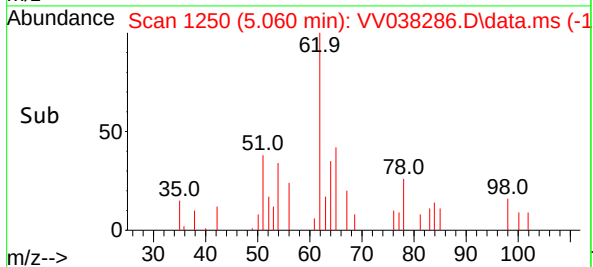
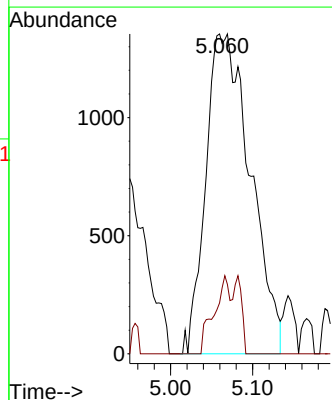
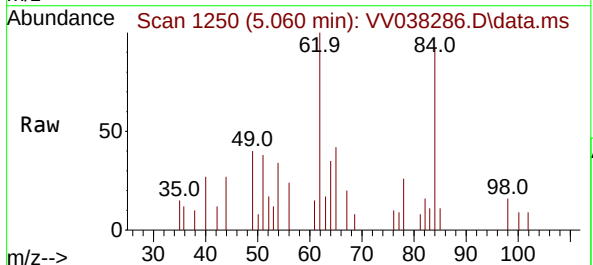
Instrument :
MSVOA_V
ClientSampleId :

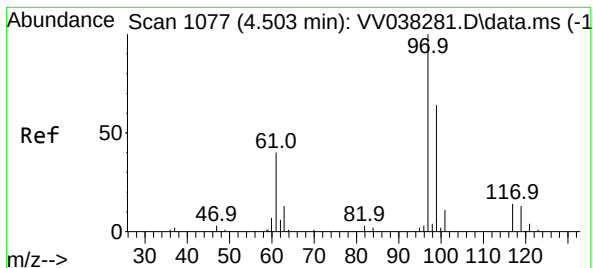
Tgt Ion: 83 Resp: 52093
Ion Ratio Lower Upper
83 100
85 66.3 46.5 86.3



#27
1,2-Dichloroethane
Concen: 0.270 ug/L
RT: 5.060 min Scan# 1250
Delta R.T. 0.023 min
Lab File: VV038286.D
Acq: 22 Nov 2024 22:43

Tgt Ion: 62 Resp: 5120
Ion Ratio Lower Upper
62 100
98 16.0 8.2 12.4#





#29

1,1,1-Trichloroethane

Concen: 1.221 ug/L

RT: 4.507 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV038286.D

Acq: 22 Nov 2024 22:43

Instrument :

MSVOA_V

ClientSampleId :

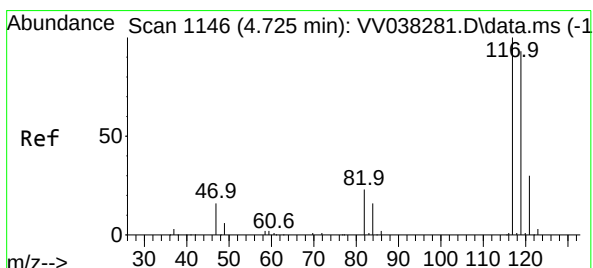
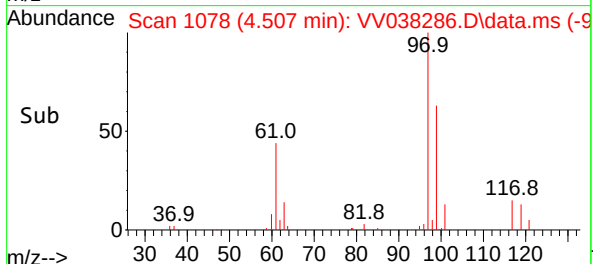
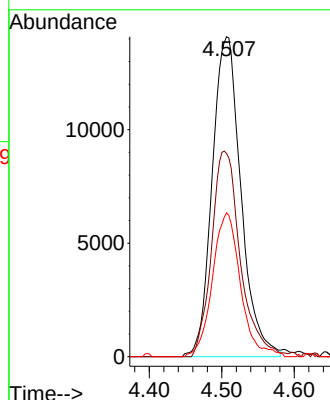
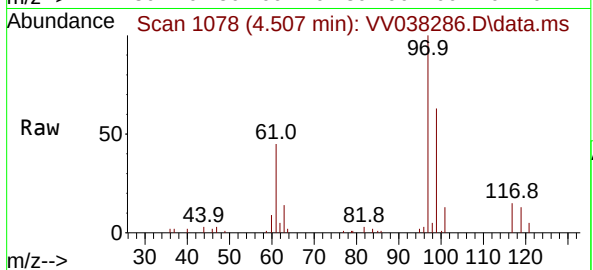
Tgt Ion: 97 Resp: 38801

Ion Ratio Lower Upper

97 100

99 64.2 51.8 77.8

61 43.9 32.2 48.2



#31

Carbon tetrachloride

Concen: 0.630 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. 0.003 min

Lab File: VV038286.D

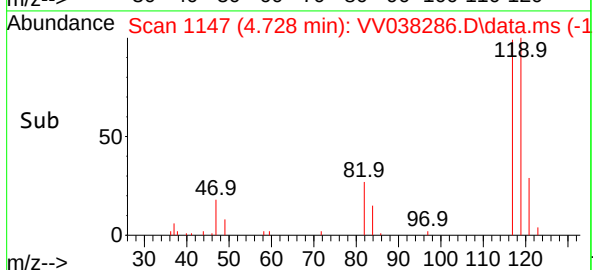
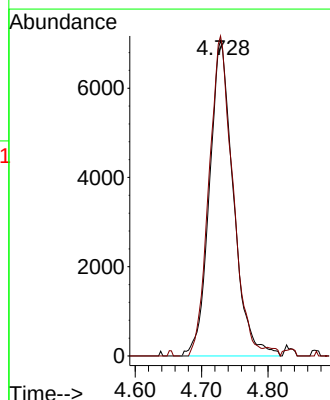
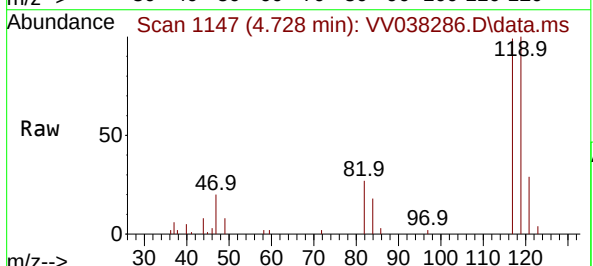
Acq: 22 Nov 2024 22:43

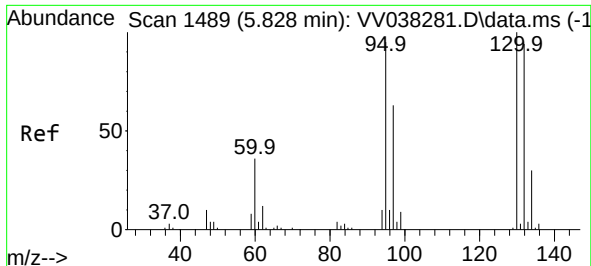
Tgt Ion: 117 Resp: 17678

Ion Ratio Lower Upper

117 100

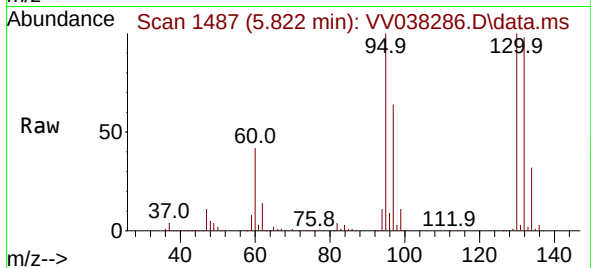
119 100.8 77.4 116.2





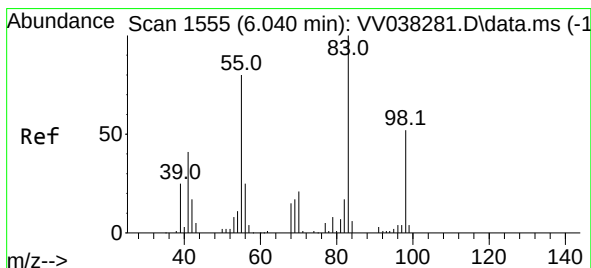
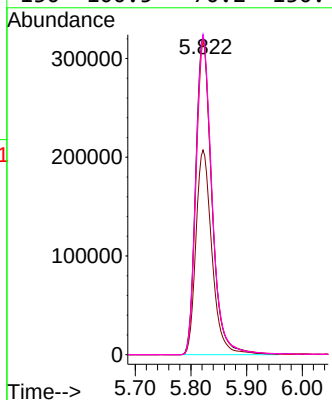
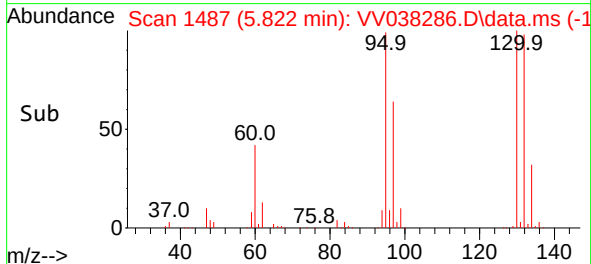
#34
Trichloroethene
Concen: 31.929 ug/L
RT: 5.822 min Scan# 1489
Delta R.T. -0.006 min
Lab File: VV038286.D
Acq: 22 Nov 2024 22:43

Instrument :
MSVOA_V
ClientSampleId :

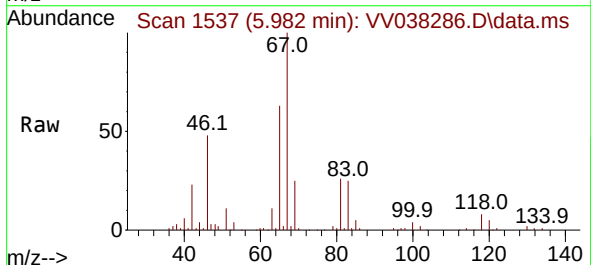


Tgt Ion: 95 Resp: 648010

Ion	Ratio	Lower	Upper
95	100		
97	64.2	44.8	83.2
132	98.6	68.3	126.8
130	100.5	70.2	130.4

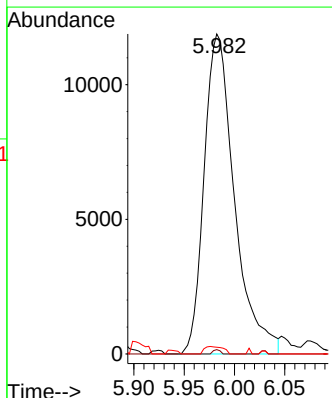
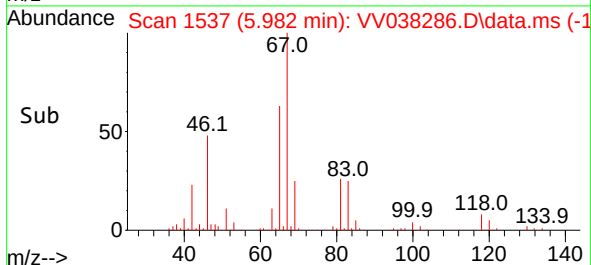


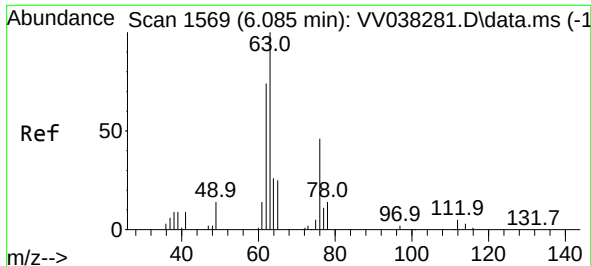
#35
Methylcyclohexane
Concen: 0.868 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV038286.D
Acq: 22 Nov 2024 22:43



Tgt Ion: 83 Resp: 24927

Ion	Ratio	Lower	Upper
83	100		
55	0.3	59.7	89.5#
98	0.0	39.0	58.4#





#37

1,2-Dichloropropane

Concen: 0.598 ug/L

RT: 5.982 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV038286.D

Acq: 22 Nov 2024 22:43

Instrument :

MSVOA_V

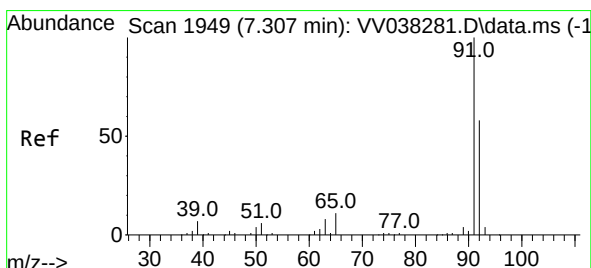
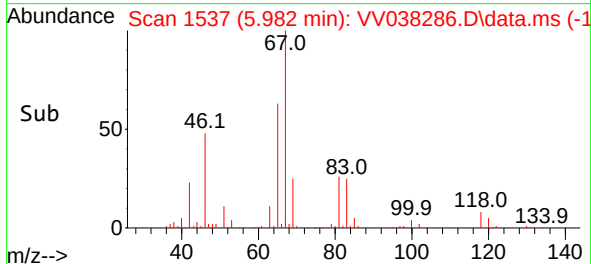
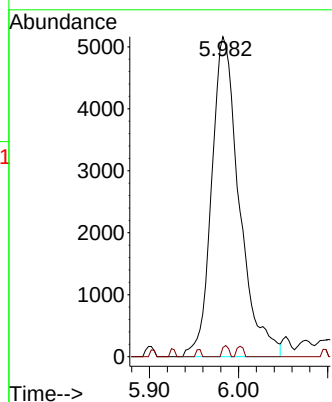
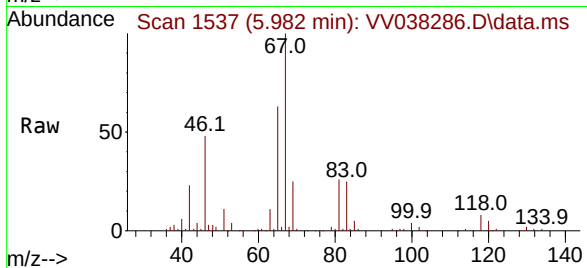
ClientSampleId :

Tgt Ion: 63 Resp: 11151

Ion Ratio Lower Upper

63 100

112 0.8 3.9 5.9#



#42

Toluene

Concen: 0.162 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.019 min

Lab File: VV038286.D

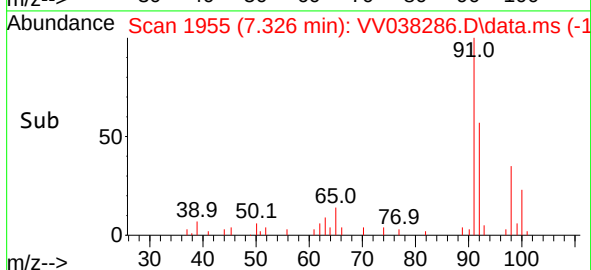
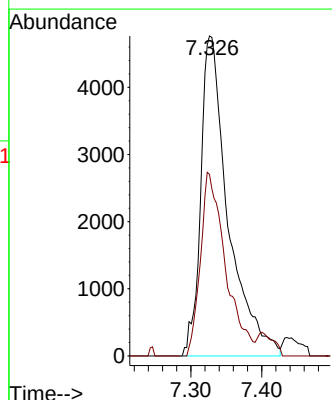
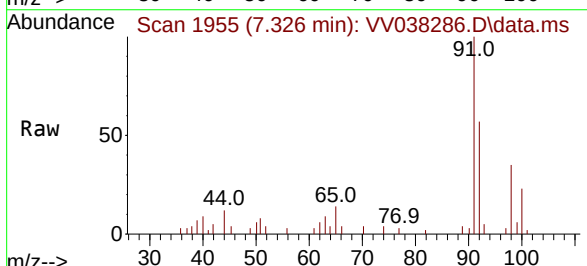
Acq: 22 Nov 2024 22:43

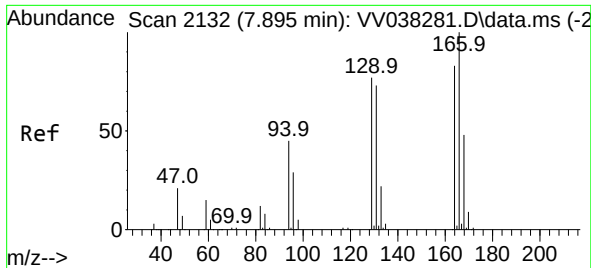
Tgt Ion: 91 Resp: 12771

Ion Ratio Lower Upper

91 100

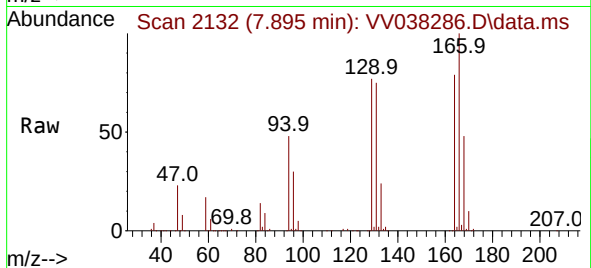
92 56.8 40.8 75.8



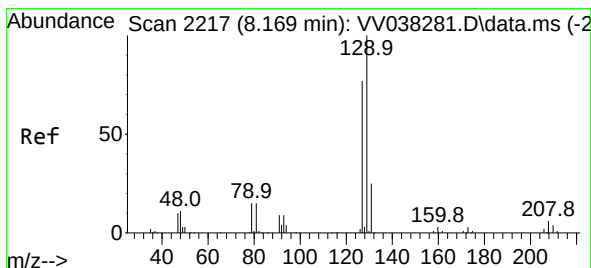
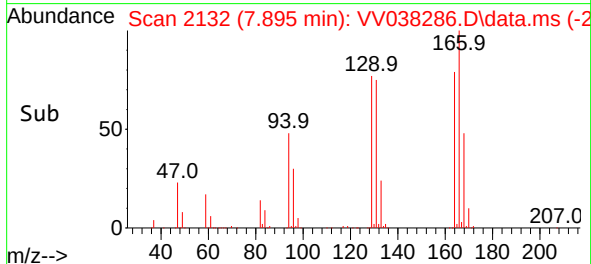
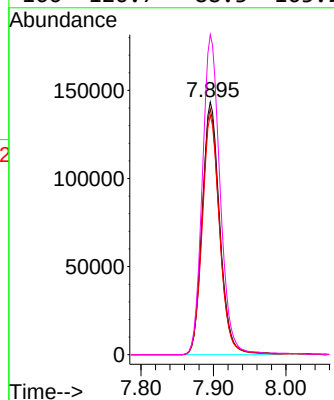


#47
Tetrachloroethene
Concen: 14.768 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038286.D
Acq: 22 Nov 2024 22:43

Instrument :
MSVOA_V
ClientSampleId :

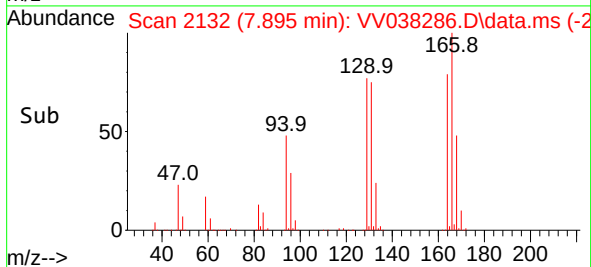
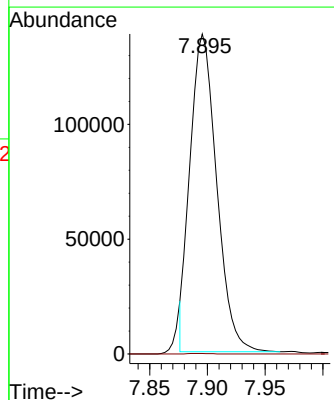
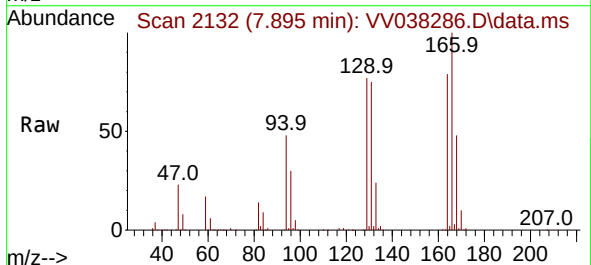


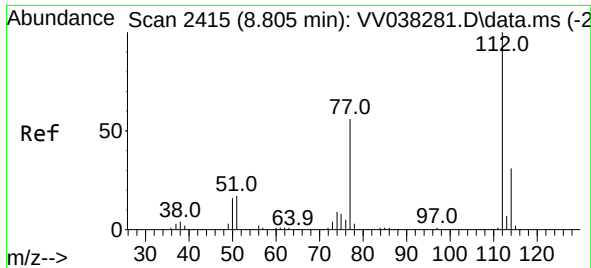
Tgt Ion:	164	Resp:	240848
Ion Ratio	Lower	Upper	
164	100		
129	97.2	68.5	127.1
131	94.8	64.8	120.4
166	126.7	88.3	163.9



#49
Dibromochloromethane
Concen: 13.416 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.273 min
Lab File: VV038286.D
Acq: 22 Nov 2024 22:43

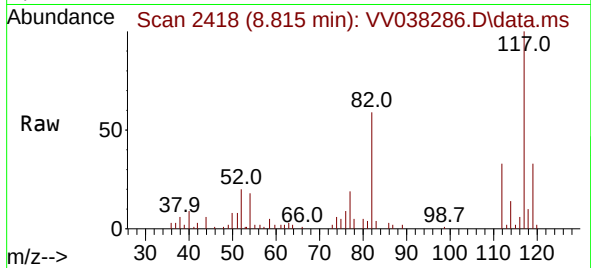
Tgt Ion:	129	Resp:	221225
Ion Ratio	Lower	Upper	
129	100		
127	0.1	53.5	99.3#



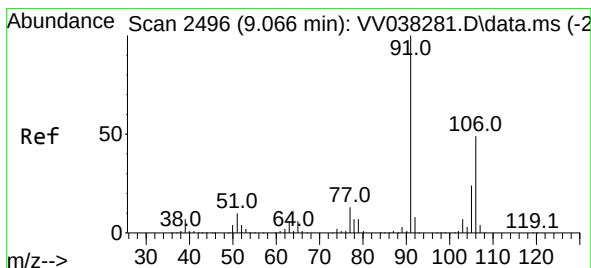
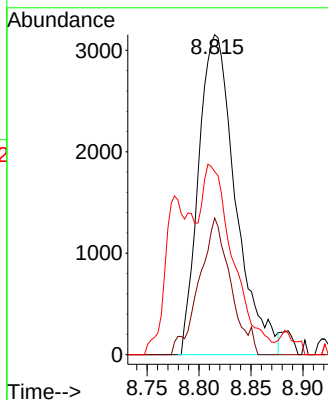
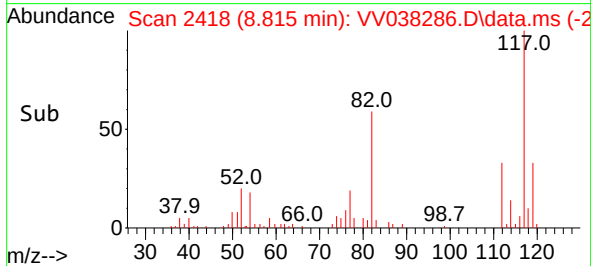


#51
Chlorobenzene
Concen: 0.143 ug/L
RT: 8.815 min Scan# 2415
Delta R.T. 0.010 min
Lab File: VV038286.D
Acq: 22 Nov 2024 22:43

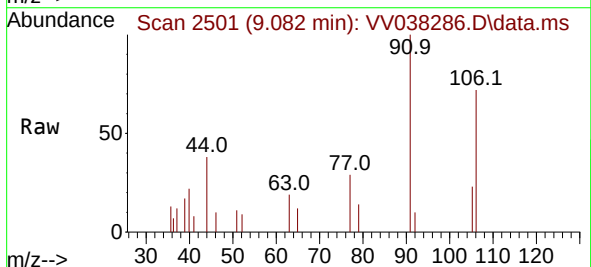
Instrument :
MSVOA_V
ClientSampleId :



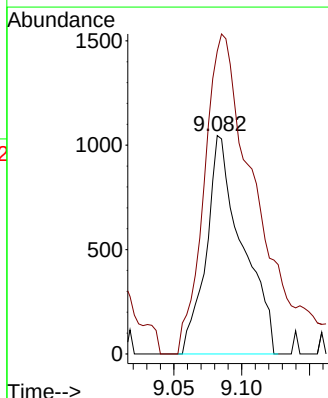
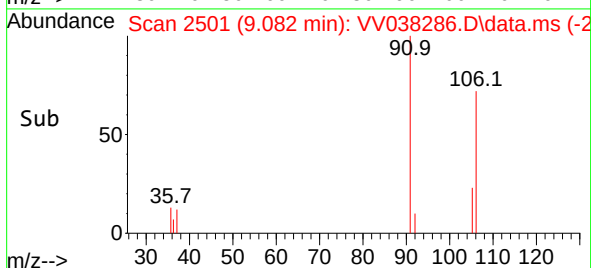
Tgt Ion:112 Resp: 7790
Ion Ratio Lower Upper
112 100
114 42.7 22.0 40.8#
77 57.2 45.0 67.4

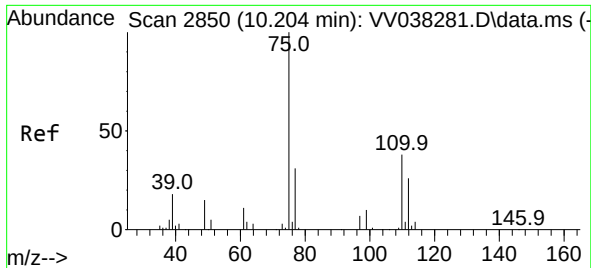


#53
m,p-Xylene
Concen: 0.061 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.016 min
Lab File: VV038286.D
Acq: 22 Nov 2024 22:43



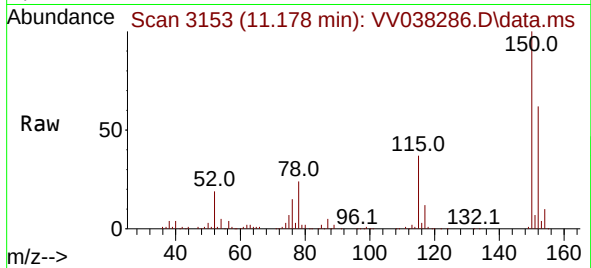
Tgt Ion:106 Resp: 1922
Ion Ratio Lower Upper
106 100
91 138.6 138.7 257.5#





#61
1,2,3-Trichloropropane
Concen: 1.301 ug/L
RT: 11.178 min Scan# 31
Delta R.T. 0.974 min
Lab File: VV038286.D
Acq: 22 Nov 2024 22:43

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	75	Resp:	12081
Ion	Ratio	Lower	Upper
75	100		
77	38.5	26.4	39.6
110	0.2	32.3	48.5#

