

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW112324\
 Data File : VW038316.D
 Acq On : 23 Nov 2024 22:26
 Operator : SY/MD
 Sample : P4884-12
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 23:03:12 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	231765	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	264731	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	110798	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	55893	3.146	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.000%
7) Chloroethane-d5	1.529	69	61246	4.262	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.053	65	26279	3.438	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.800%
20) 2-Butanone-d5	3.786	46	186351	52.439	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.880%
24) Chloroform-d	4.240	84	158388	4.594	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	4.937	65	80223	5.186	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	4.953	84	264004	3.858	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.200%
36) 1,2-Dichloropropane-d6	5.982	67	92210	4.380	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.239	98	211777	3.345	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.000%#
43) trans-1,3-Dichloroprop...	7.558	79	29746	3.800	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.000%
46) 2-Hexanone-d5	8.018	63	153072	50.307	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.620%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	81893	4.582	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	90167	4.776	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	4593	0.209	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	3530	0.203	ug/L #	85
13) Acetone	1.889	43	1166874	443.966	ug/L	41
15) Methyl Acetate	2.114	43	7919	1.241	ug/L #	47
16) Methylene chloride	2.442	84	25182	1.334	ug/L	97
17) Methyl tert-butyl Ether	2.700	73	11938	0.319	ug/L #	84
22) cis-1,2-Dichloroethene	3.809	96	18437	1.022	ug/L	91
25) Chloroform	4.269	83	5694	0.168	ug/L	97
27) 1,2-Dichloroethane	5.063	62	4562	0.248	ug/L #	89
29) 1,1,1-Trichloroethane	4.510	97	32380	1.020	ug/L	97
31) Carbon tetrachloride	4.503	117	4752	0.170	ug/L	90
34) Trichloroethene	5.822	95	276770	13.653	ug/L	99
35) Methylcyclohexane	5.982	83	24215	0.844	ug/L #	19
42) Toluene	7.326	91	17891	0.227	ug/L	95
45) 1,1,2-Trichloroethane	7.892	97	2489	0.165	ug/L #	1
47) Tetrachloroethene	7.895	164	275560	16.917	ug/L	99
49) Dibromochloromethane	7.895	129	255582	15.519	ug/L #	11
51) Chlorobenzene	8.812	112	11355	0.209	ug/L	94
53) m,p-Xylene	9.085	106	1782	0.057	ug/L	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112324\
Data File : VV038316.D
Acq On : 23 Nov 2024 22:26
Operator : SY/MD
Sample : P4884-12
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 23 23:03:12 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

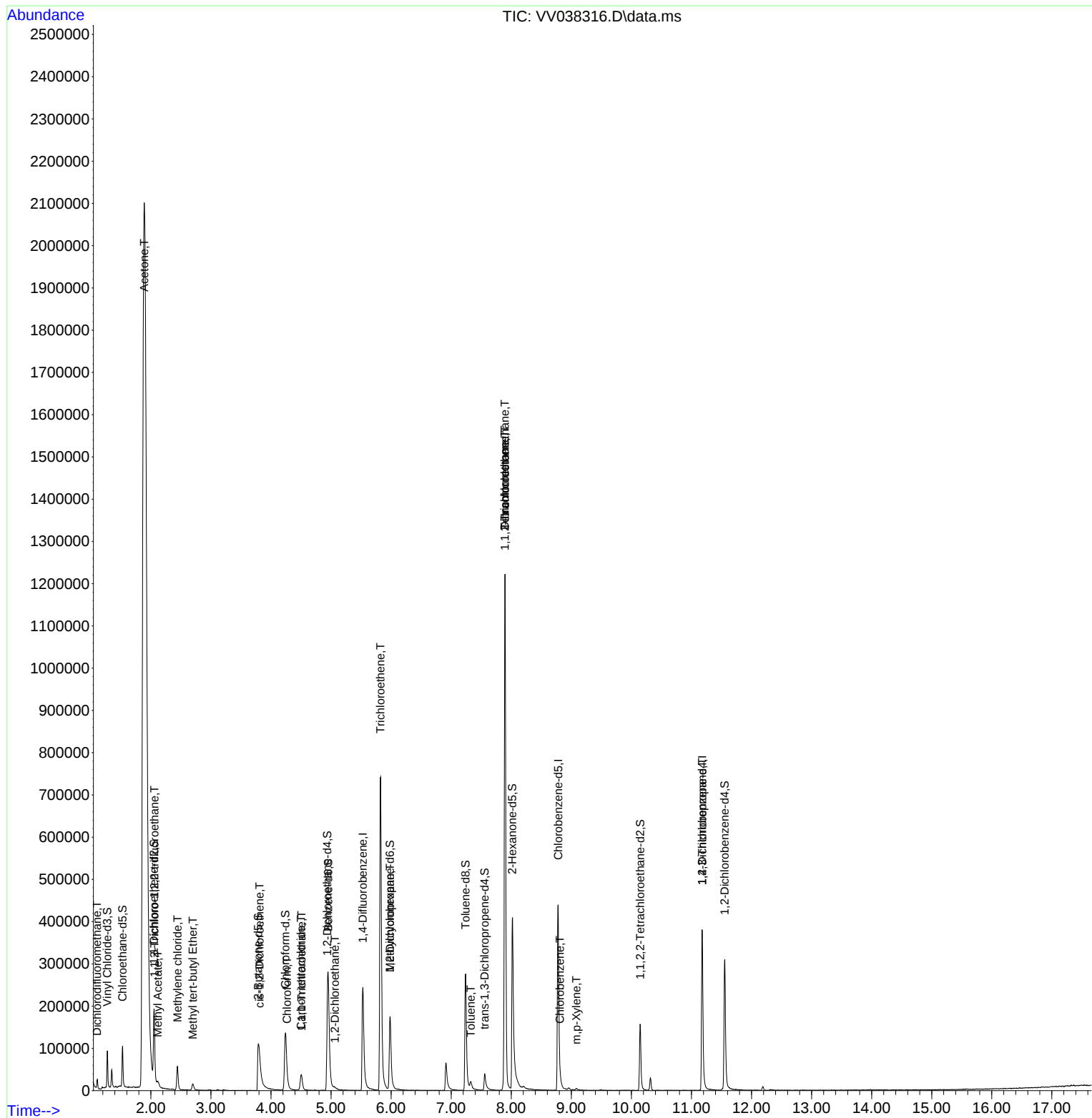
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 1,2,3-Trichloropropane	11.178	75	12096	1.275	ug/L	# 64

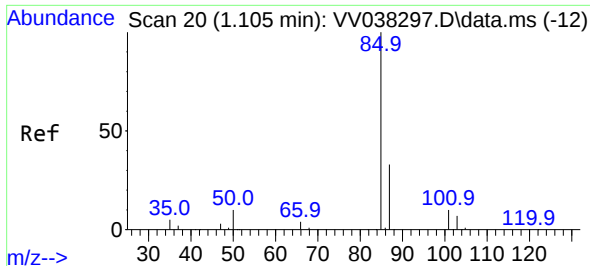
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112324\
Data File : VV038316.D
Acq On : 23 Nov 2024 22:26
Operator : SY/MD
Sample : P4884-12
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 23 23:03:12 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

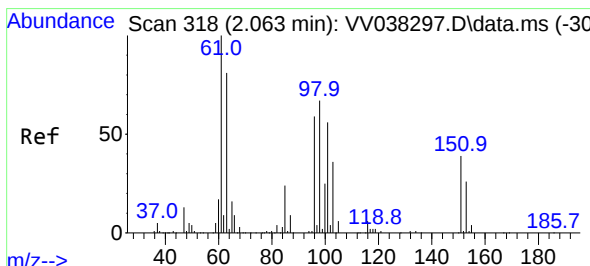
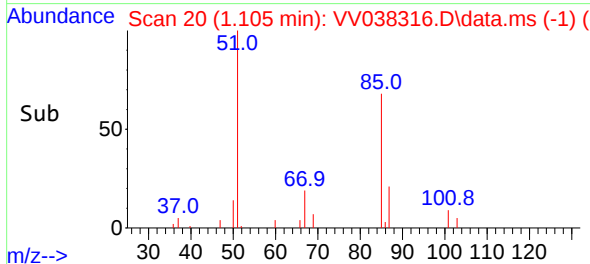
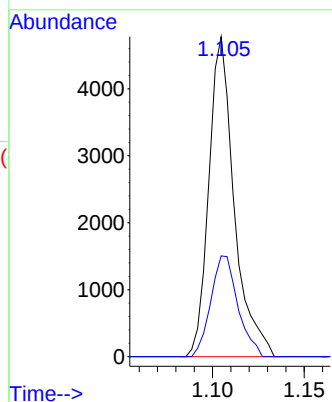
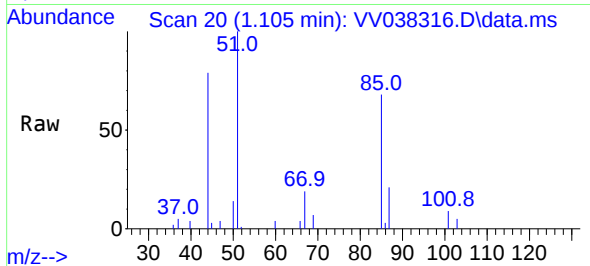




#2
Dichlorodifluoromethane
Concen: 0.209 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV038316.D
Acq: 23 Nov 2024 22:26

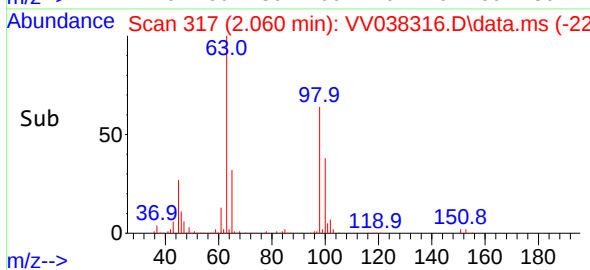
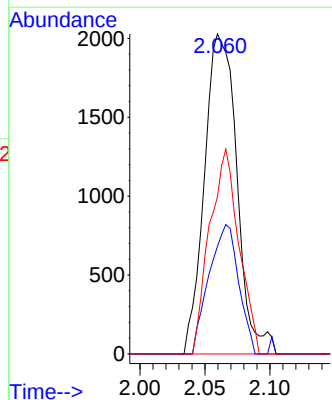
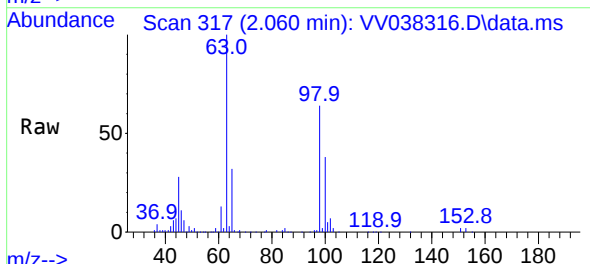
Instrument :
MSVOA_V
ClientSampleId :

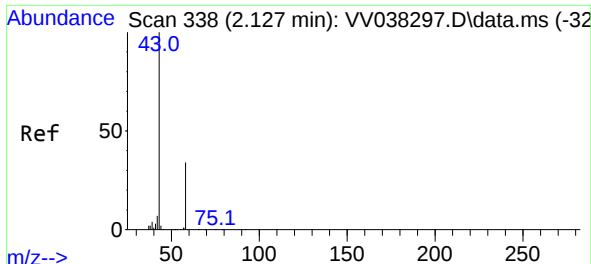
Tgt Ion: 85 Resp: 4593
Ion Ratio Lower Upper
85 100
87 33.7 26.5 39.7



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.203 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.003 min
Lab File: VV038316.D
Acq: 23 Nov 2024 22:26

Tgt Ion:101 Resp: 3530
Ion Ratio Lower Upper
101 100
85 36.8 33.4 50.0
151 57.6 58.8 88.2#

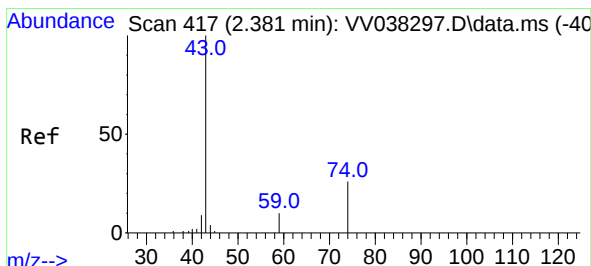
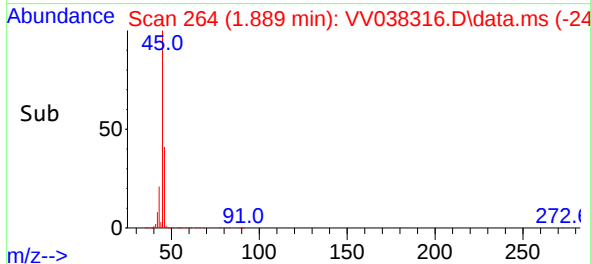
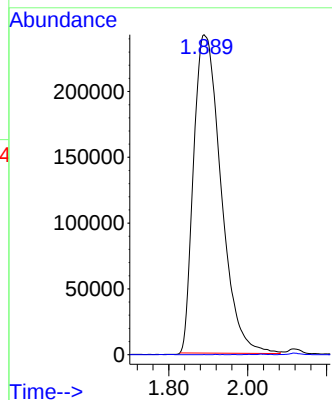
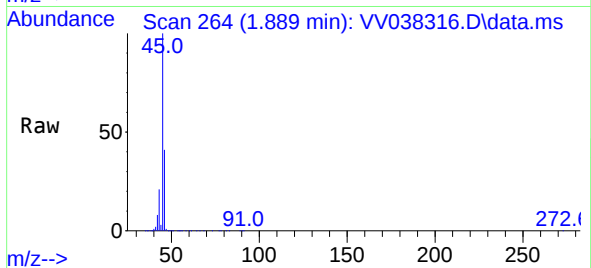




#13
Acetone
Concen: 443.966 ug/L
RT: 1.889 min Scan# 20
Delta R.T. -0.231 min
Lab File: VV038316.D
Acq: 23 Nov 2024 22:26

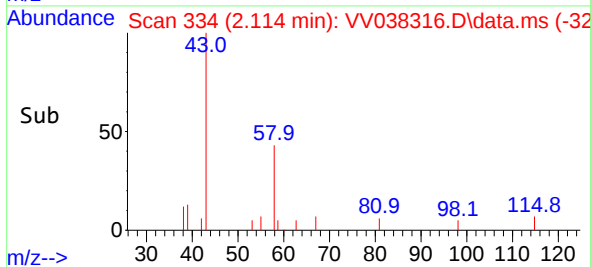
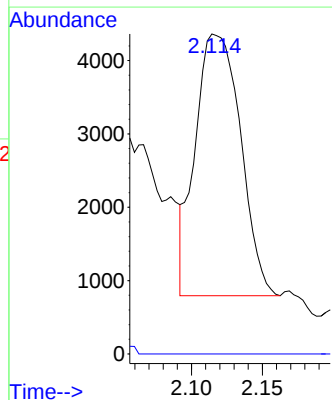
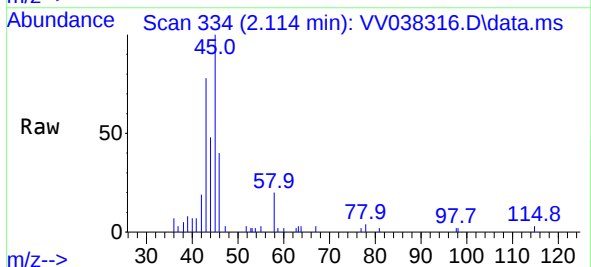
Instrument :
MSVOA_V
ClientSampleId :

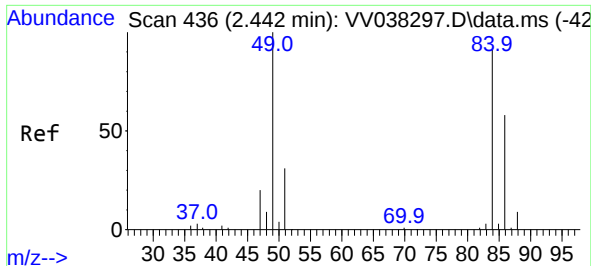
Tgt Ion: 43 Resp: 1166874
Ion Ratio Lower Upper
43 100
58 0.0 0.0 67.2



#15
Methyl Acetate
Concen: 1.241 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.263 min
Lab File: VV038316.D
Acq: 23 Nov 2024 22:26

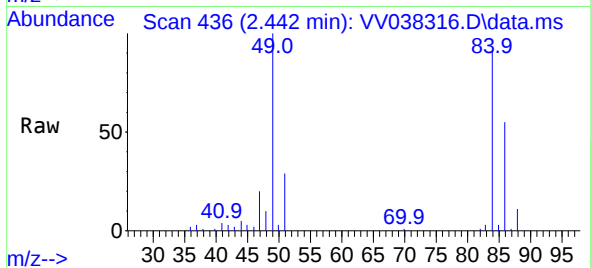
Tgt Ion: 43 Resp: 7919
Ion Ratio Lower Upper
43 100
74 0.3 22.4 33.6#





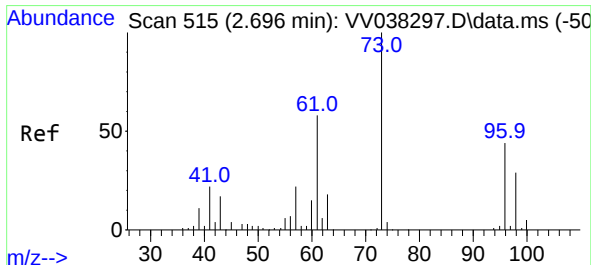
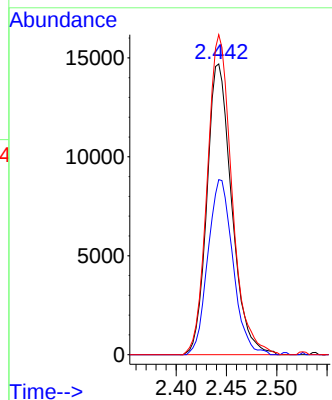
#16
Methylene chloride
Concen: 1.334 ug/L
RT: 2.442 min Scan# 411
Delta R.T. 0.003 min
Lab File: VV038316.D
Acq: 23 Nov 2024 22:26

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 25182

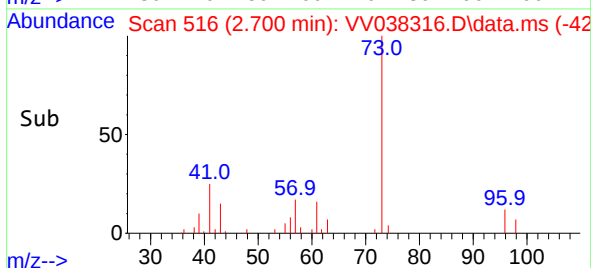
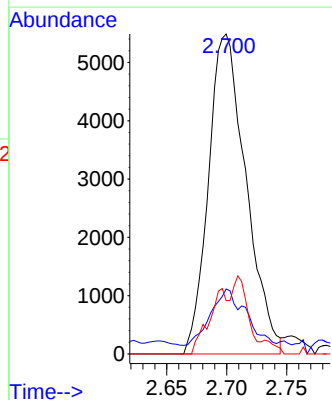
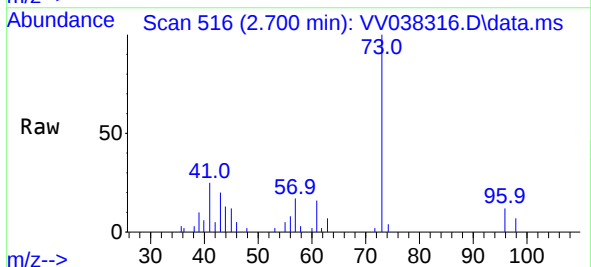
Ion	Ratio	Lower	Upper
84	100		
86	60.2	44.2	82.2
49	110.1	74.9	139.1

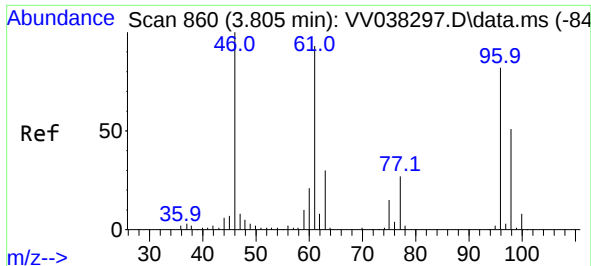


#17
Methyl tert-butyl Ether
Concen: 0.319 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV038316.D
Acq: 23 Nov 2024 22:26

Tgt Ion: 73 Resp: 11938

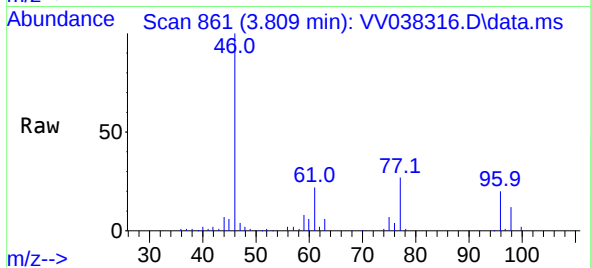
Ion	Ratio	Lower	Upper
73	100		
43	16.3	14.2	21.2
57	9.7	17.6	26.4



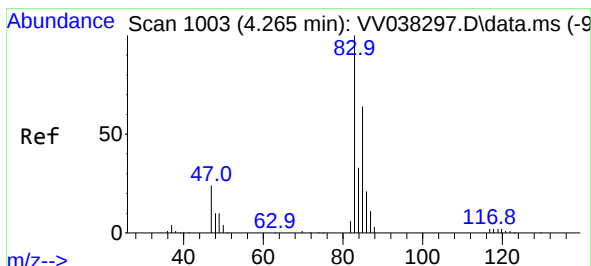
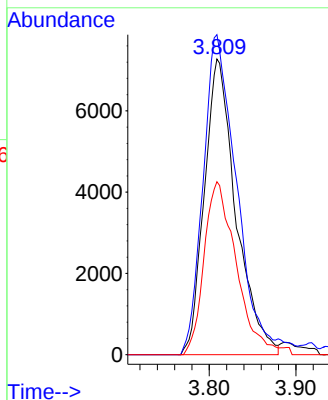
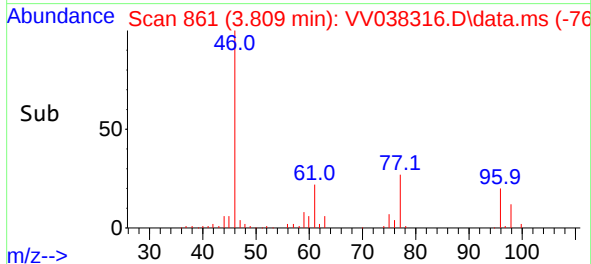


#22
cis-1,2-Dichloroethene
Concen: 1.022 ug/L
RT: 3.809 min Scan# 80
Delta R.T. 0.003 min
Lab File: VV038316.D
Acq: 23 Nov 2024 22:26

Instrument :
MSVOA_V
ClientSampleId :

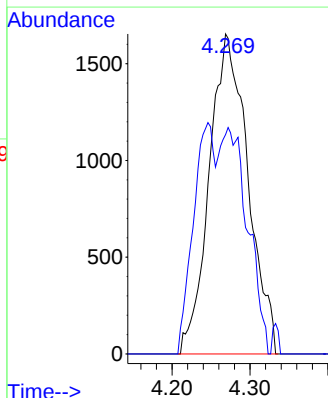
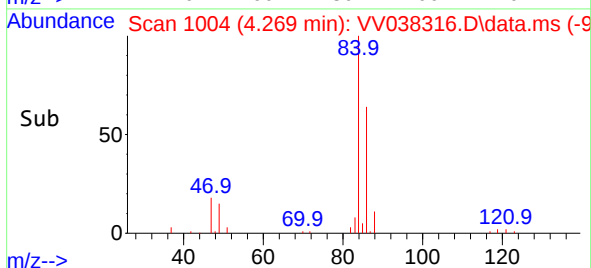
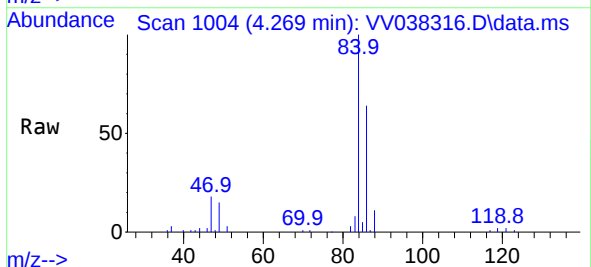


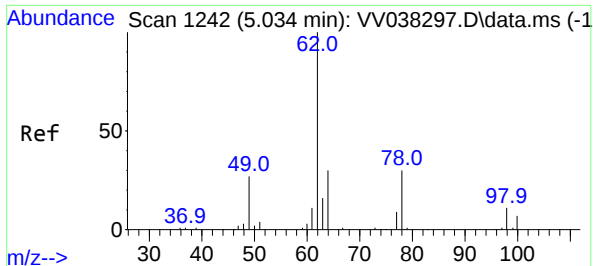
Tgt Ion: 96 Resp: 18437
Ion Ratio Lower Upper
96 100
61 108.2 82.7 153.5
98 58.5 46.3 85.9



#25
Chloroform
Concen: 0.168 ug/L
RT: 4.269 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VV038316.D
Acq: 23 Nov 2024 22:26

Tgt Ion: 83 Resp: 5694
Ion Ratio Lower Upper
83 100
85 68.6 46.5 86.3

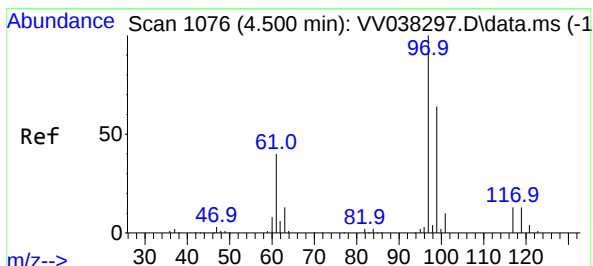
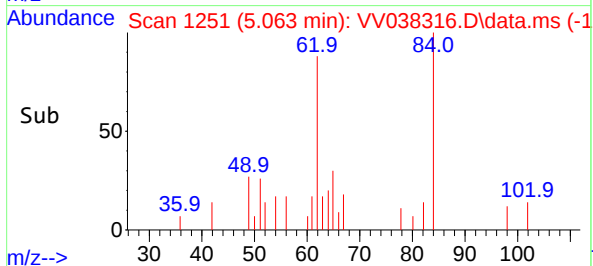
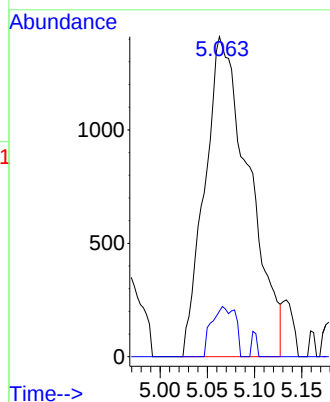
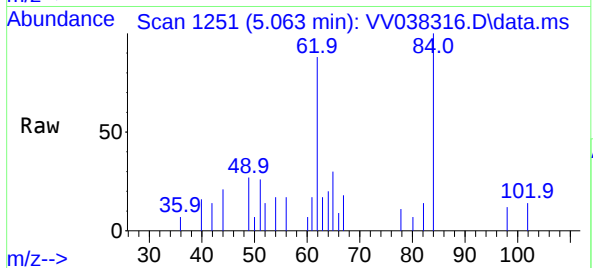




#27
1,2-Dichloroethane
Concen: 0.248 ug/L
RT: 5.063 min Scan# 11
Delta R.T. 0.026 min
Lab File: VV038316.D
Acq: 23 Nov 2024 22:26

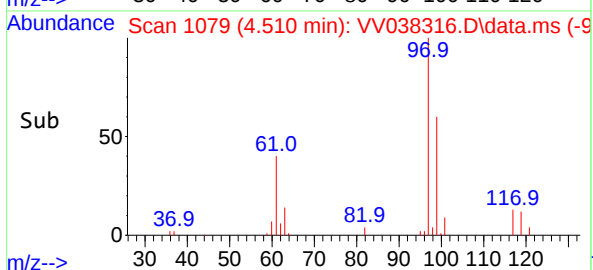
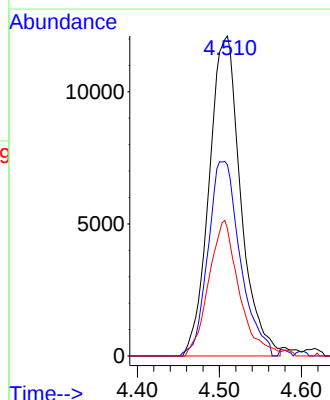
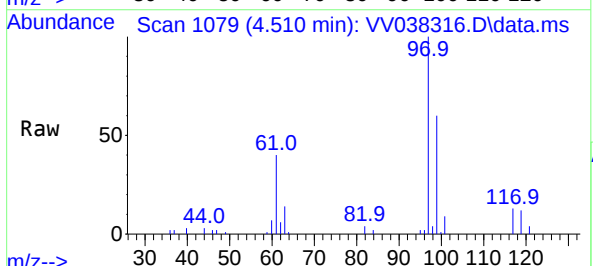
Instrument :
MSVOA_V
ClientSampleId :

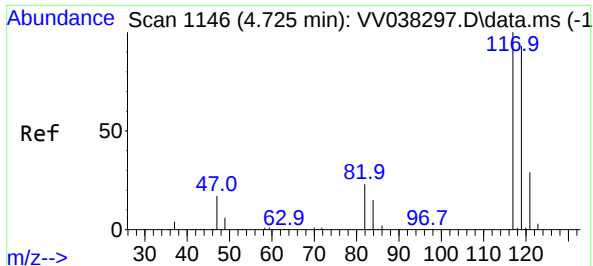
Tgt Ion: 62 Resp: 4562
Ion Ratio Lower Upper
62 100
98 14.2 8.2 12.4#



#29
1,1,1-Trichloroethane
Concen: 1.020 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. 0.007 min
Lab File: VV038316.D
Acq: 23 Nov 2024 22:26

Tgt Ion: 97 Resp: 32380
Ion Ratio Lower Upper
97 100
99 61.9 51.8 77.8
61 40.8 32.2 48.2

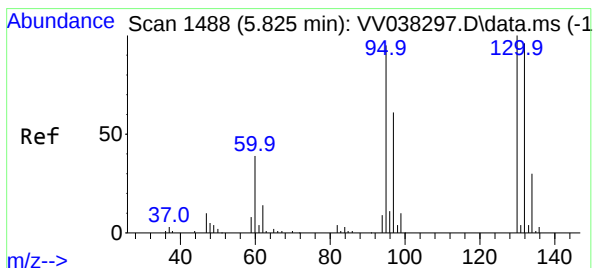
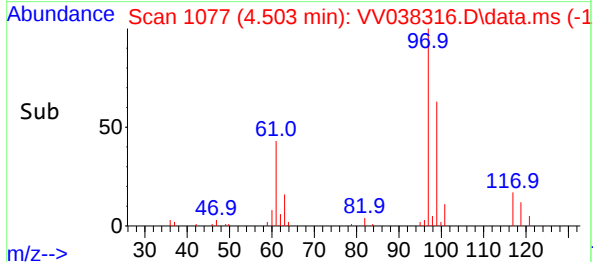
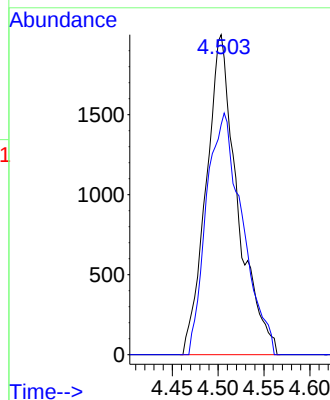
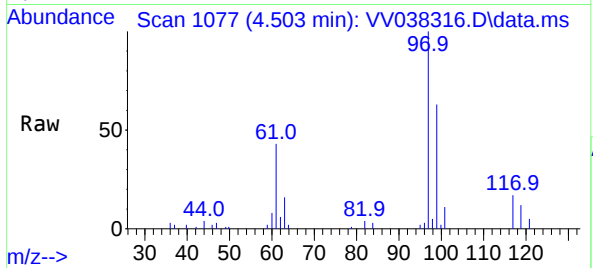




#31
Carbon tetrachloride
Concen: 0.170 ug/L
RT: 4.503 min Scan# 1146
Delta R.T. -0.222 min
Lab File: VV038316.D
Acq: 23 Nov 2024 22:26

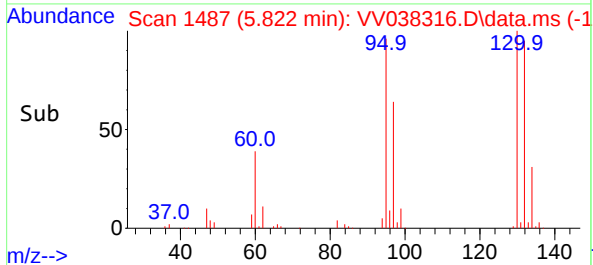
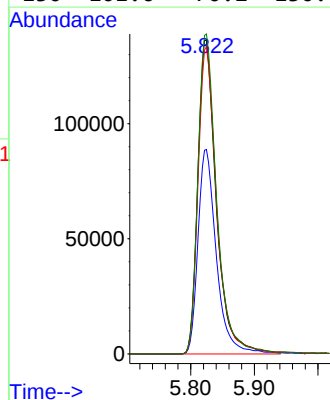
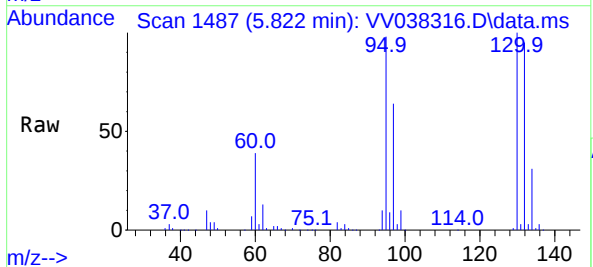
Instrument :
MSVOA_V
ClientSampleId :

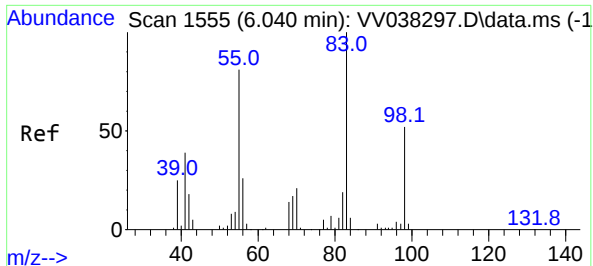
Tgt Ion:117 Resp: 4752
Ion Ratio Lower Upper
117 100
119 86.6 77.4 116.2



#34
Trichloroethene
Concen: 13.653 ug/L
RT: 5.822 min Scan# 1487
Delta R.T. -0.006 min
Lab File: VV038316.D
Acq: 23 Nov 2024 22:26

Tgt Ion: 95 Resp: 276770
Ion Ratio Lower Upper
95 100
97 64.9 44.8 83.2
132 96.9 68.3 126.8
130 101.6 70.2 130.4

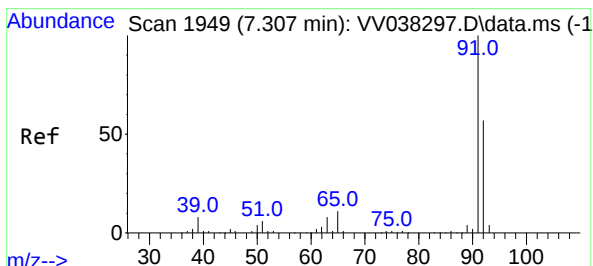
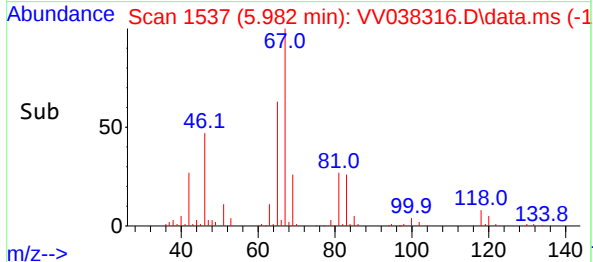
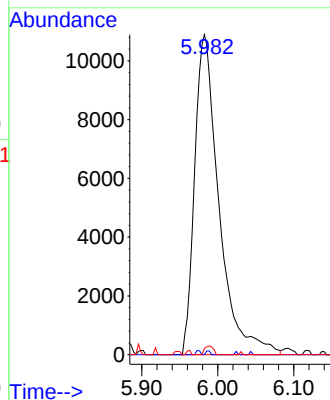
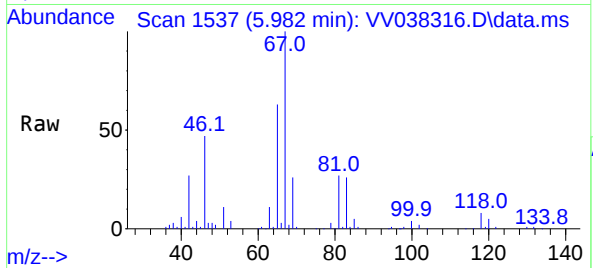




#35
Methylcyclohexane
Concen: 0.844 ug/L
RT: 5.982 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV038316.D
Acq: 23 Nov 2024 22:26

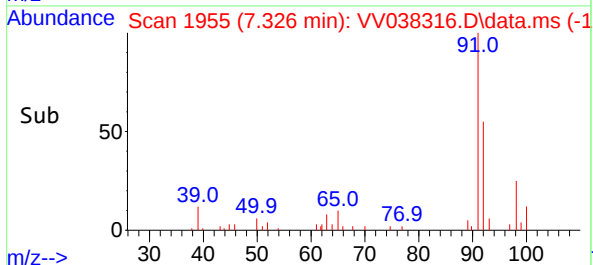
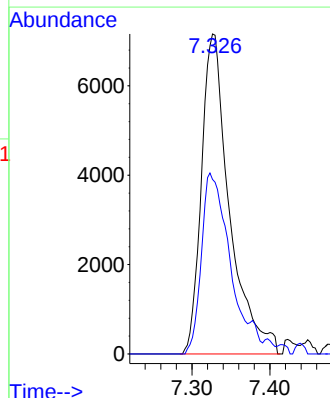
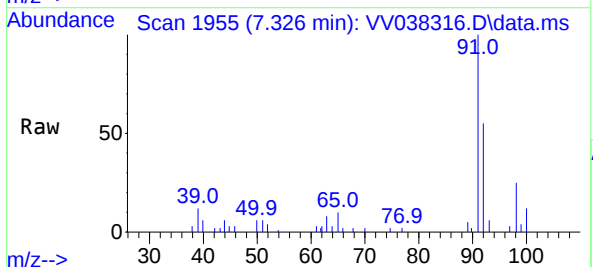
Instrument :
MSVOA_V
ClientSampleId :

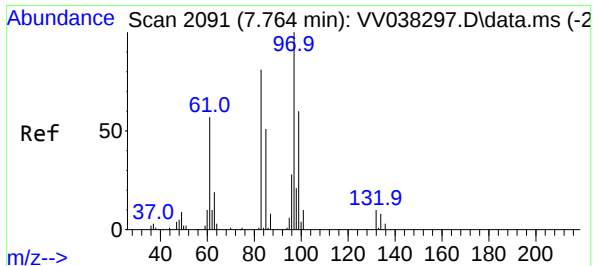
Tgt Ion: 83 Resp: 24215
Ion Ratio Lower Upper
83 100
55 0.2 59.7 89.5#
98 0.0 39.0 58.4#



#42
Toluene
Concen: 0.227 ug/L
RT: 7.326 min Scan# 1955
Delta R.T. 0.019 min
Lab File: VV038316.D
Acq: 23 Nov 2024 22:26

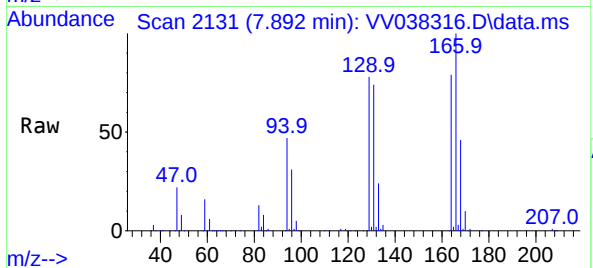
Tgt Ion: 91 Resp: 17891
Ion Ratio Lower Upper
91 100
92 54.6 40.8 75.8





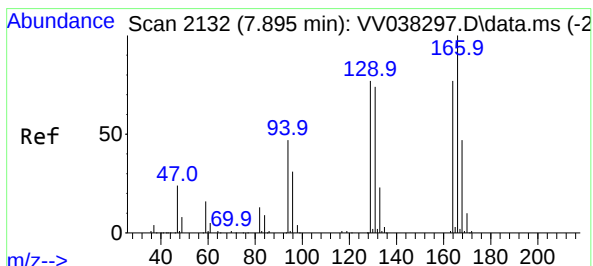
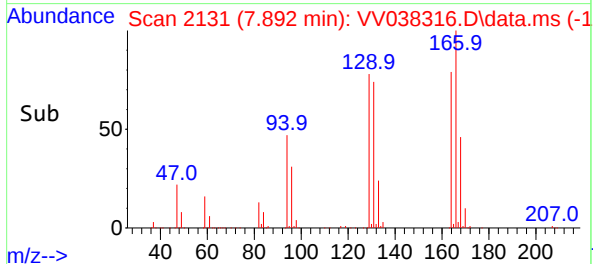
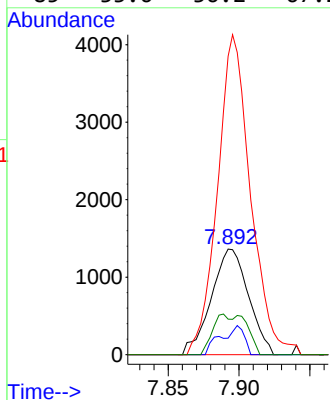
#45
1,1,2-Trichloroethane
Concen: 0.165 ug/L
RT: 7.892 min Scan# 2131
Delta R.T. 0.129 min
Lab File: VV038316.D
Acq: 23 Nov 2024 22:26

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 97 Resp: 2489

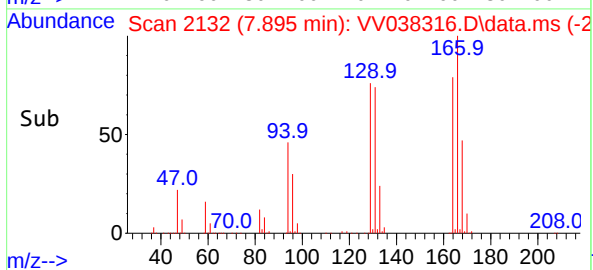
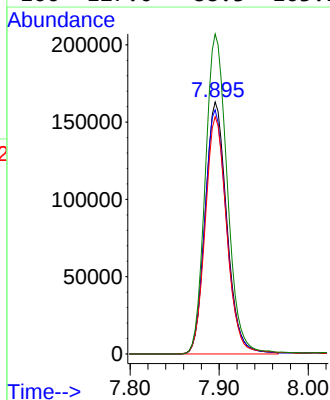
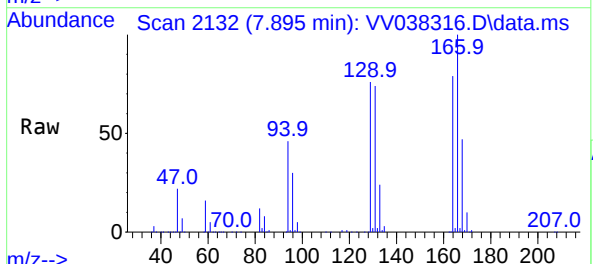
Ion	Ratio	Lower	Upper
97	100		
99	15.6	41.9	77.7#
83	282.7	57.7	107.1#
85	33.6	36.2	67.2#

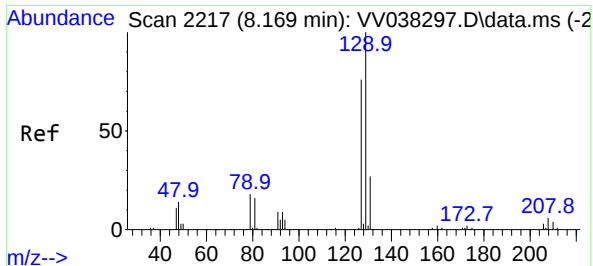


#47
Tetrachloroethene
Concen: 16.917 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038316.D
Acq: 23 Nov 2024 22:26

Tgt Ion: 164 Resp: 275560

Ion	Ratio	Lower	Upper
164	100		
129	96.8	68.5	127.1
131	94.2	64.8	120.4
166	127.0	88.3	163.9





#49

Dibromochloromethane

Concen: 15.519 ug/L

RT: 7.895 min Scan# 2132

Delta R.T. -0.273 min

Lab File: VV038316.D

Acq: 23 Nov 2024 22:26

Instrument :

MSVOA_V

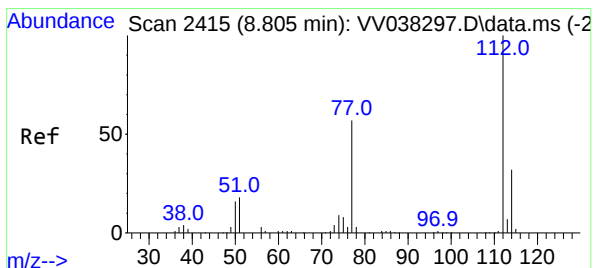
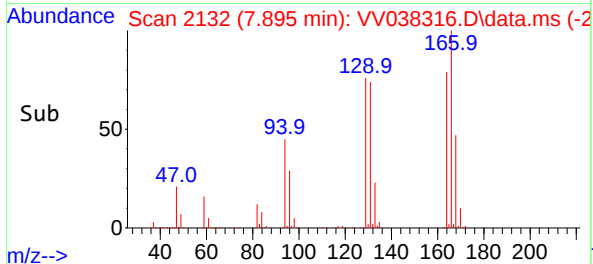
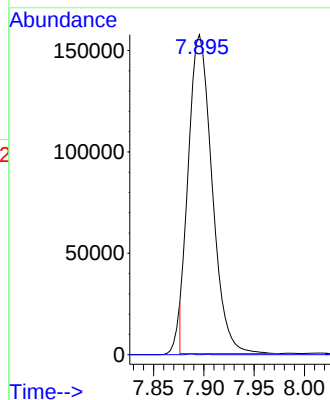
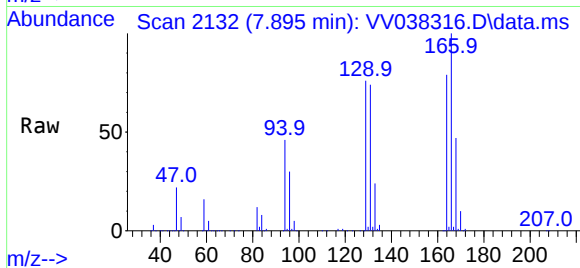
ClientSampleId :

Tgt Ion:129 Resp: 255582

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#51

Chlorobenzene

Concen: 0.209 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.007 min

Lab File: VV038316.D

Acq: 23 Nov 2024 22:26

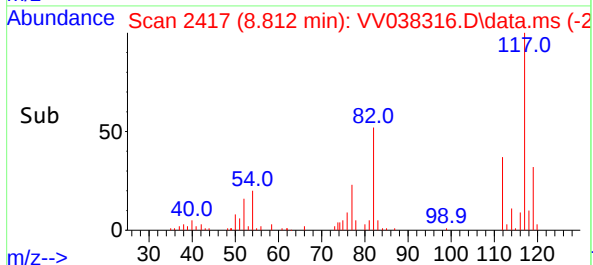
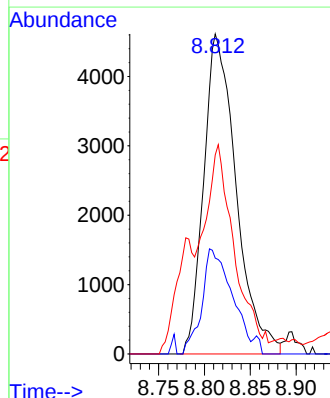
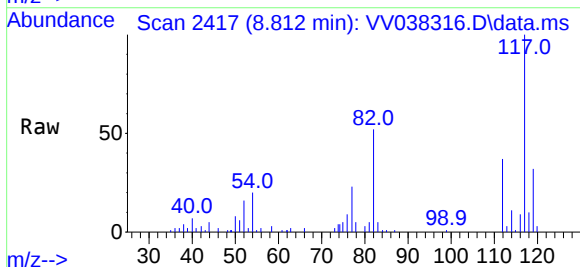
Tgt Ion:112 Resp: 11355

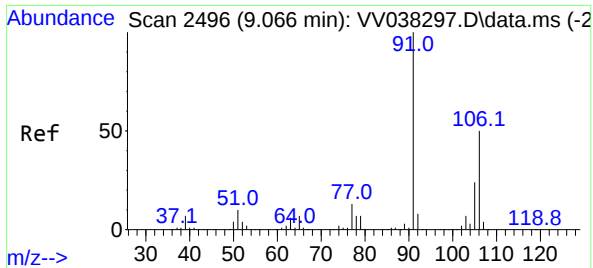
Ion Ratio Lower Upper

112 100

114 29.9 22.0 40.8

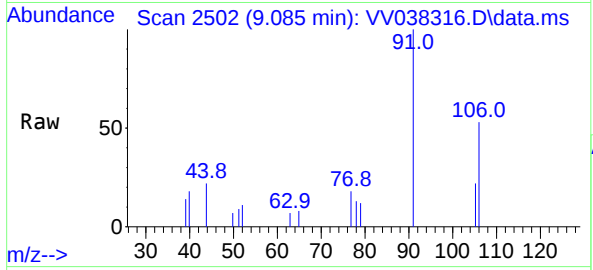
77 62.2 45.0 67.4





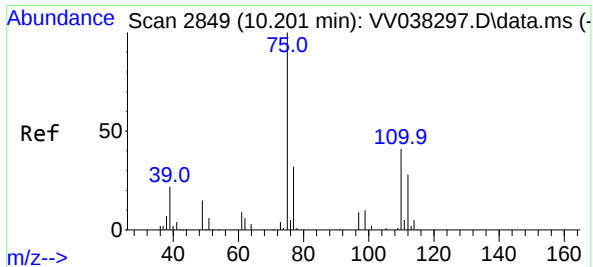
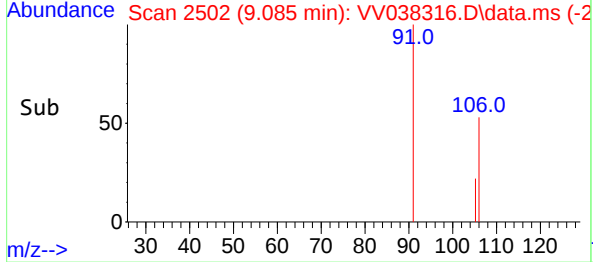
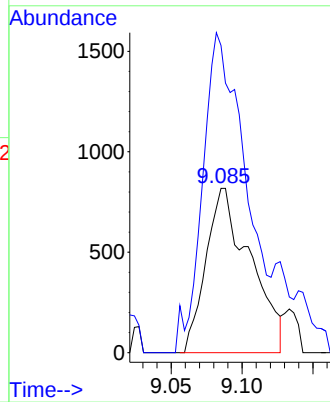
#53
 m,p-Xylene
 Concen: 0.057 ug/L
 RT: 9.085 min Scan# 21
 Delta R.T. 0.019 min
 Lab File: VV038316.D
 Acq: 23 Nov 2024 22:26

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:106 Resp: 1782

Ion	Ratio	Lower	Upper
106	100		
91	186.9	138.7	257.5



#61
 1,2,3-Trichloropropane
 Concen: 1.275 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. 0.974 min
 Lab File: VV038316.D
 Acq: 23 Nov 2024 22:26

Tgt Ion: 75 Resp: 12096

Ion	Ratio	Lower	Upper
75	100		
77	35.5	26.4	39.6
110	2.5	32.3	48.5

