

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
 Data File : VV038289.D
 Acq On : 22 Nov 2024 23:56
 Operator : SY/MD
 Sample : P4930-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 02:08:19 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

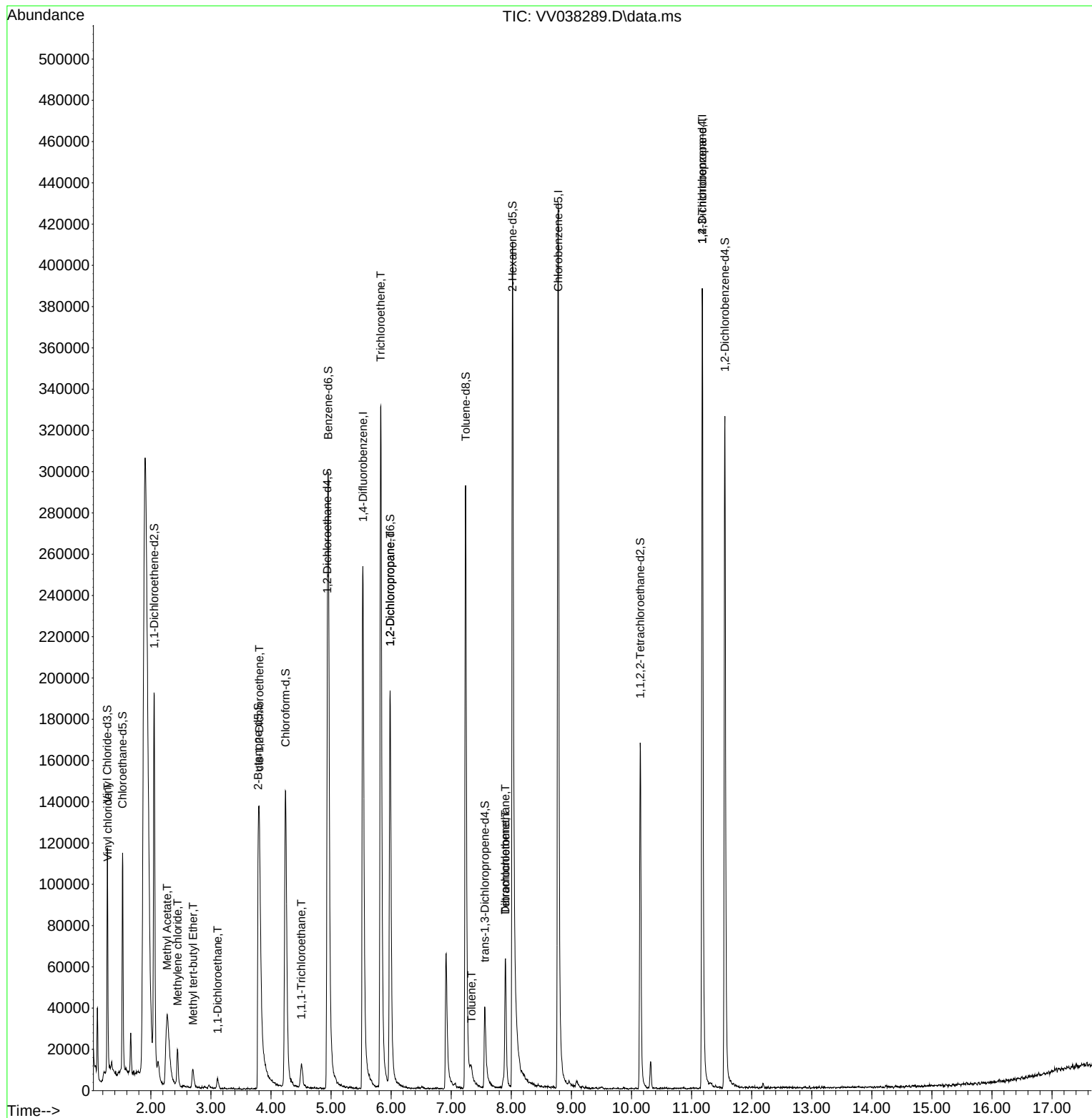
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	239300	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	258878	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	109970	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	66168	3.608	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.200%
7) Chloroethane-d5	1.529	69	67111	4.523	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.053	65	30214	3.828	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.600%
20) 2-Butanone-d5	3.786	46	200612	54.674	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.340%
24) Chloroform-d	4.243	84	165273	4.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	4.937	65	83186	5.208	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	4.953	84	278545	4.163	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	5.982	67	99871	4.851	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.239	98	215932	3.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.800%#
43) trans-1,3-Dichloroprop...	7.558	79	30481	3.982	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.021	63	156647	52.646	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.300%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	86726	4.962	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	11.554	152	92897	4.958	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.281	62	6172	0.279	ug/L #	67
15) Methyl Acetate	2.272	43	22271	3.379	ug/L #	47
16) Methylene chloride	2.445	84	8083	0.415	ug/L	99
17) Methyl tert-butyl Ether	2.703	73	7669	0.198	ug/L	97
19) 1,1-Dichloroethane	3.111	63	5244	0.160	ug/L	94
22) cis-1,2-Dichloroethene	3.805	96	34724	1.865	ug/L	98
29) 1,1,1-Trichloroethane	4.506	97	9331	0.301	ug/L	94
34) Trichloroethene	5.828	95	128964	6.506	ug/L	98
37) 1,2-Dichloropropane	5.982	63	10169	0.558	ug/L #	86
42) Toluene	7.336	91	7355	0.096	ug/L	90
47) Tetrachloroethene	7.902	164	15642	0.982	ug/L	96
49) Dibromochloromethane	7.902	129	14409	0.895	ug/L #	11
61) 1,2,3-Trichloropropane	11.178	75	12294	1.306	ug/L #	65

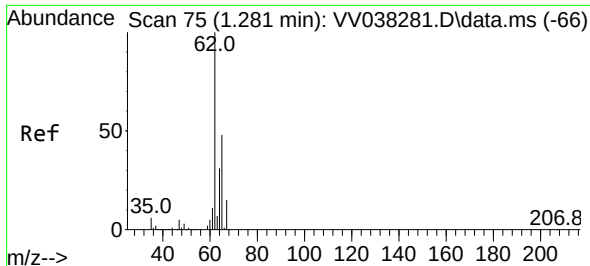
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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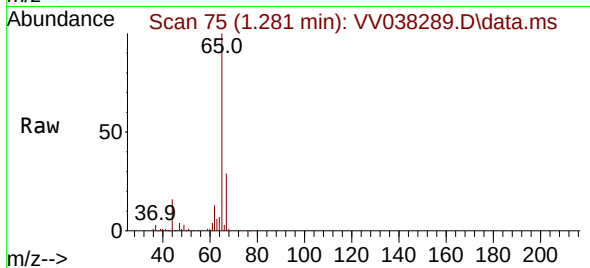


#5
 Vinyl chloride
 Concen: 0.279 ug/L
 RT: 1.281 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV038289.D
 Acq: 22 Nov 2024 23:56

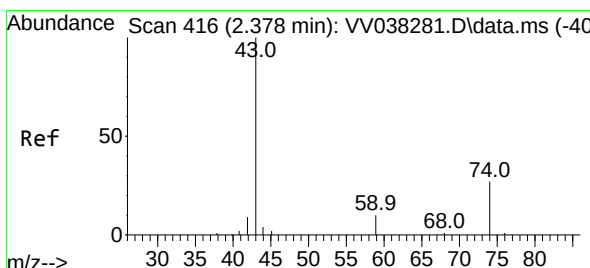
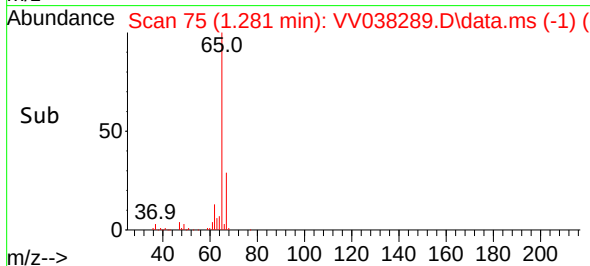
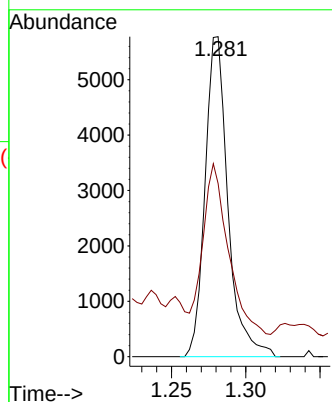
Instrument :

MSVOA_V

ClientSampleId :

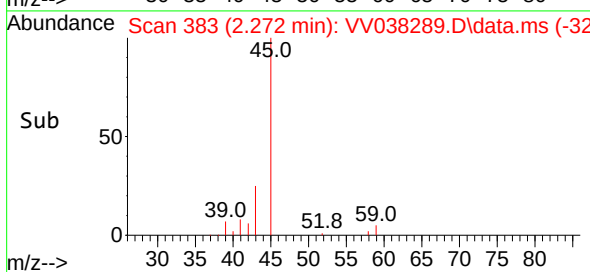
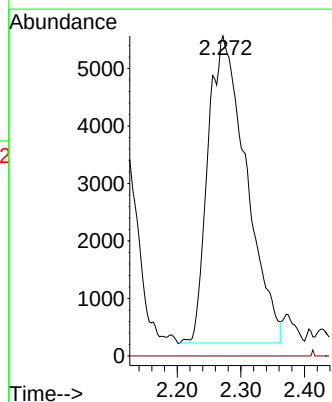
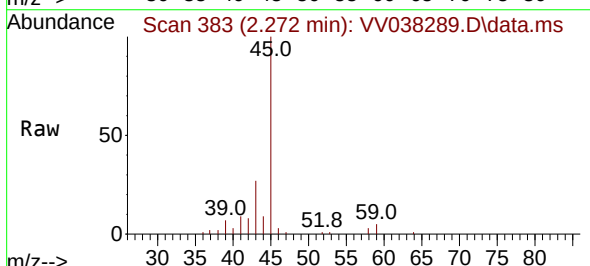


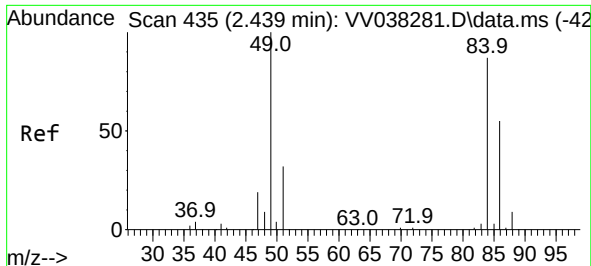
Tgt Ion: 62 Resp: 6172
 Ion Ratio Lower Upper
 62 100
 64 54.1 24.4 45.4#



#15
 Methyl Acetate
 Concen: 3.379 ug/L
 RT: 2.272 min Scan# 383
 Delta R.T. -0.106 min
 Lab File: VV038289.D
 Acq: 22 Nov 2024 23:56

Tgt Ion: 43 Resp: 22271
 Ion Ratio Lower Upper
 43 100
 74 0.1 22.4 33.6#

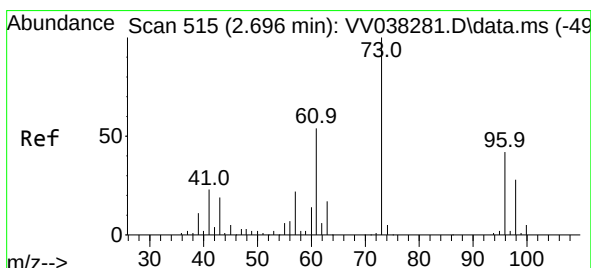
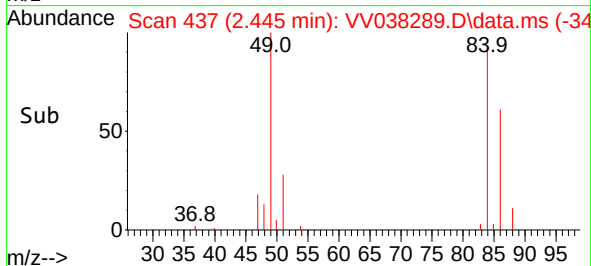
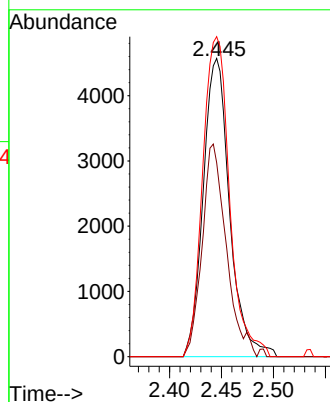
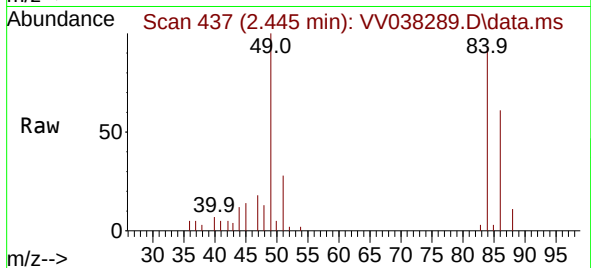




#16
Methylene chloride
Concen: 0.415 ug/L
RT: 2.445 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV038289.D
Acq: 22 Nov 2024 23:56

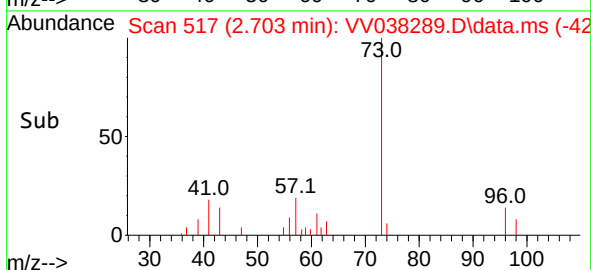
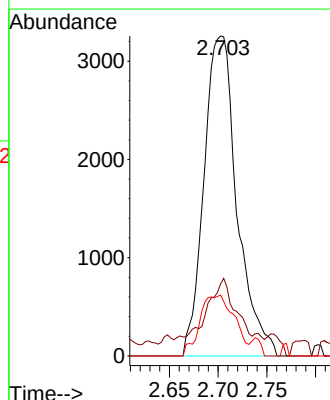
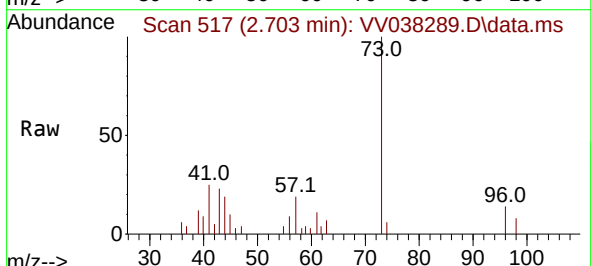
Instrument :
MSVOA_V
ClientSampleId :

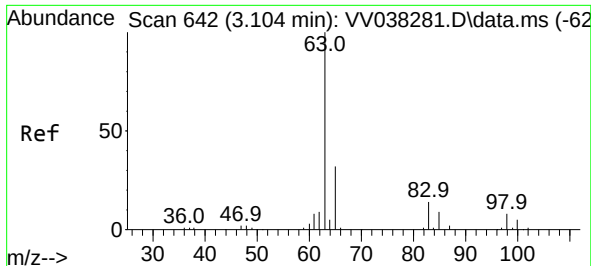
Tgt Ion: 84 Resp: 8083
Ion Ratio Lower Upper
84 100
86 65.0 44.2 82.2
49 107.3 74.9 139.1



#17
Methyl tert-butyl Ether
Concen: 0.198 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.006 min
Lab File: VV038289.D
Acq: 22 Nov 2024 23:56

Tgt Ion: 73 Resp: 7669
Ion Ratio Lower Upper
73 100
43 17.1 14.2 21.2
57 19.9 17.6 26.4





#19

1,1-Dichloroethane

Concen: 0.160 ug/L

RT: 3.111 min Scan# 64

Delta R.T. 0.006 min

Lab File: VV038289.D

Acq: 22 Nov 2024 23:56

Instrument :

MSVOA_V

ClientSampleId :

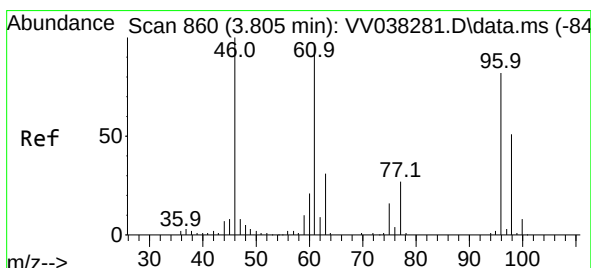
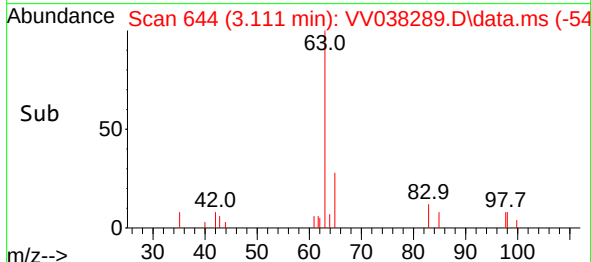
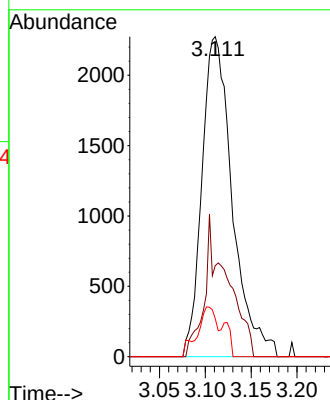
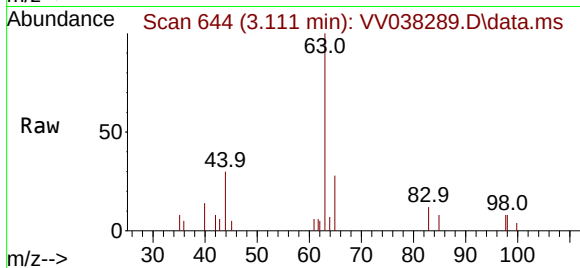
Tgt Ion: 63 Resp: 5244

Ion Ratio Lower Upper

63 100

65 28.5 22.5 41.7

83 11.9 10.1 18.9



#22

cis-1,2-Dichloroethene

Concen: 1.865 ug/L

RT: 3.805 min Scan# 860

Delta R.T. -0.000 min

Lab File: VV038289.D

Acq: 22 Nov 2024 23:56

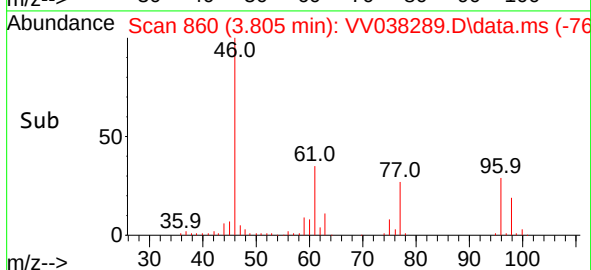
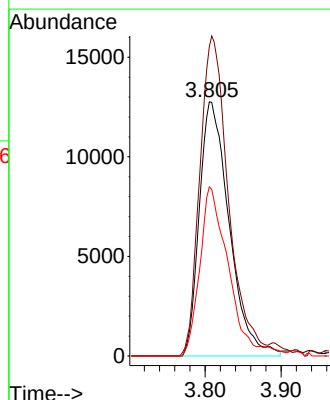
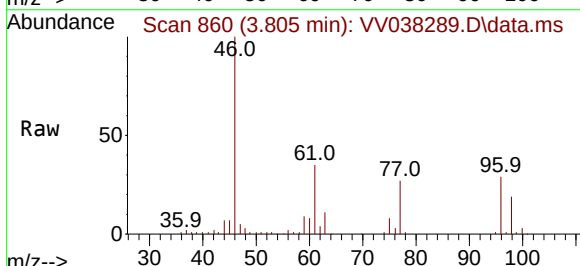
Tgt Ion: 96 Resp: 34724

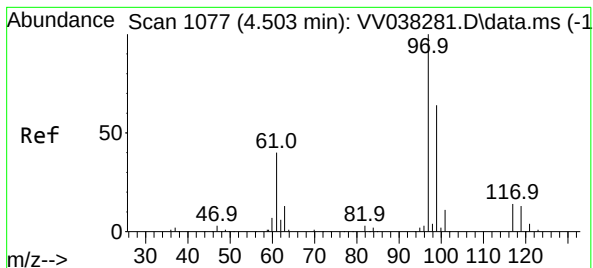
Ion Ratio Lower Upper

96 100

61 121.6 82.7 153.5

98 66.5 46.3 85.9





#29

1,1,1-Trichloroethane

Concen: 0.301 ug/L

RT: 4.506 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV038289.D

Acq: 22 Nov 2024 23:56

Instrument :

MSVOA_V

ClientSampleId :

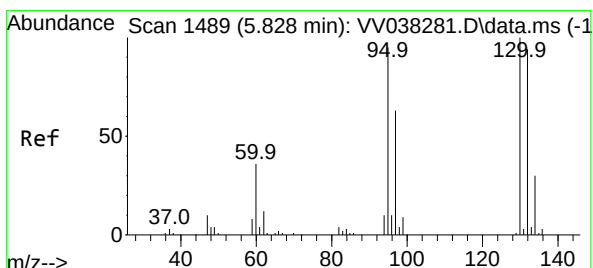
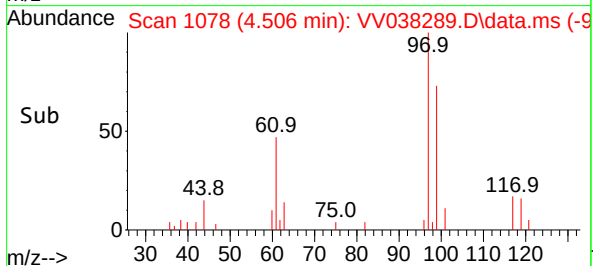
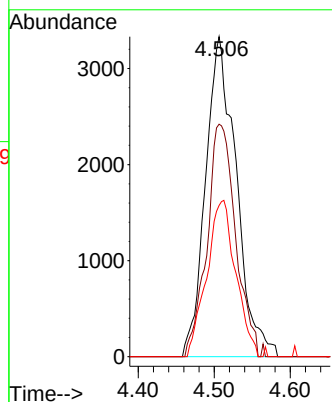
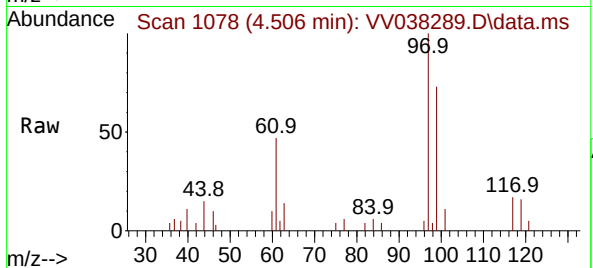
Tgt Ion: 97 Resp: 9331

Ion Ratio Lower Upper

97 100

99 67.9 51.8 77.8

61 46.2 32.2 48.2



#34

Trichloroethene

Concen: 6.506 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VV038289.D

Acq: 22 Nov 2024 23:56

Tgt Ion: 95 Resp: 128964

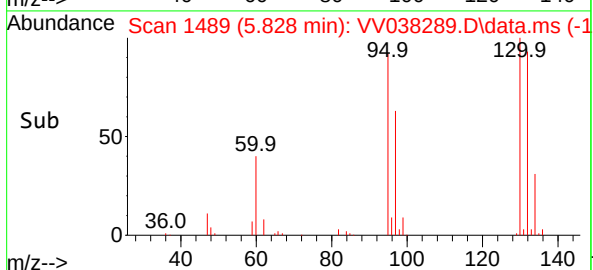
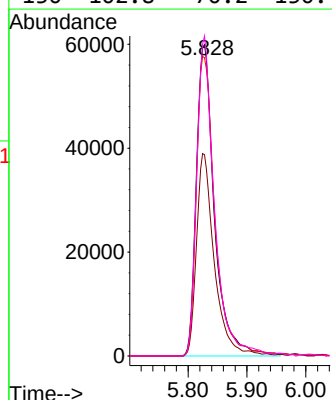
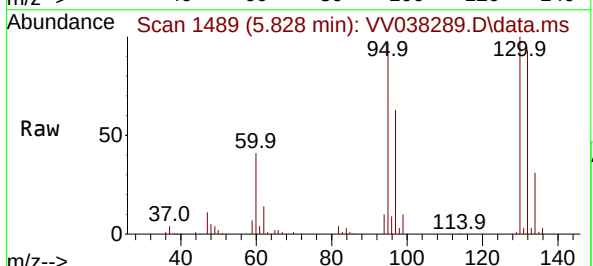
Ion Ratio Lower Upper

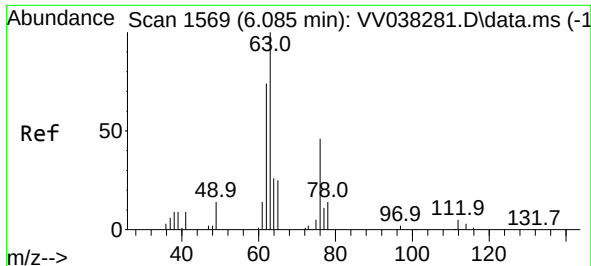
95 100

97 64.6 44.8 83.2

132 95.8 68.3 126.8

130 102.8 70.2 130.4





#37

1,2-Dichloropropane

Concen: 0.558 ug/L

RT: 5.982 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV038289.D

Acq: 22 Nov 2024 23:56

Instrument :

MSVOA_V

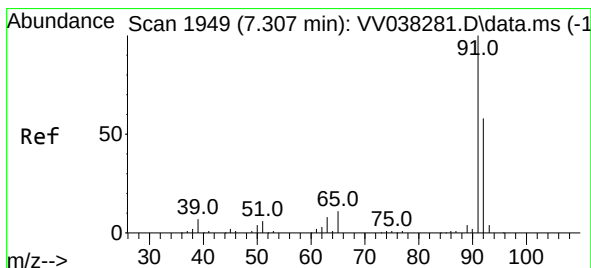
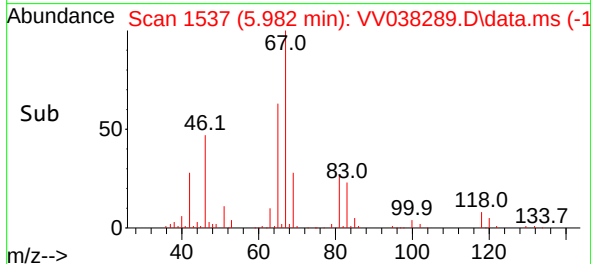
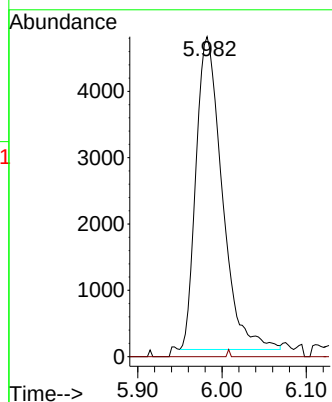
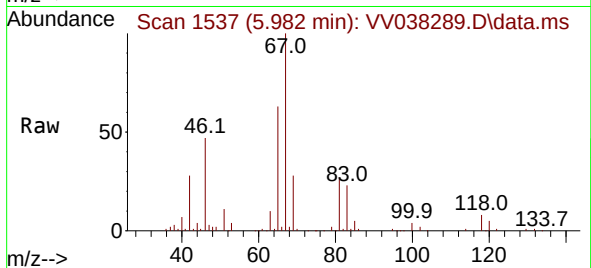
ClientSampleId :

Tgt Ion: 63 Resp: 10169

Ion Ratio Lower Upper

63 100

112 0.2 3.9 5.9#



#42

Toluene

Concen: 0.096 ug/L

RT: 7.336 min Scan# 1958

Delta R.T. 0.029 min

Lab File: VV038289.D

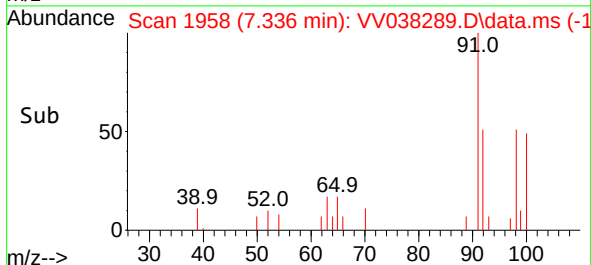
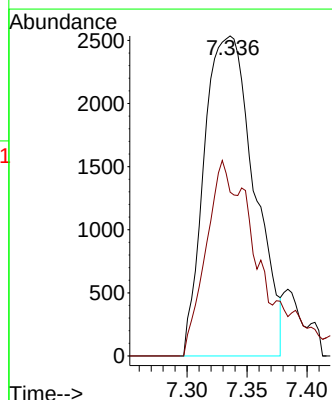
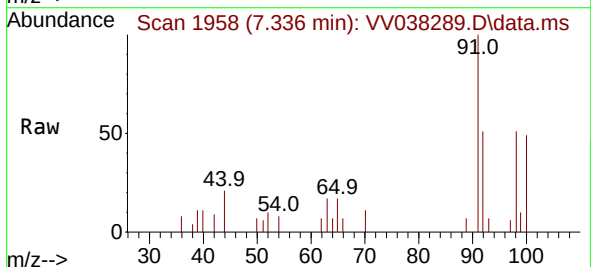
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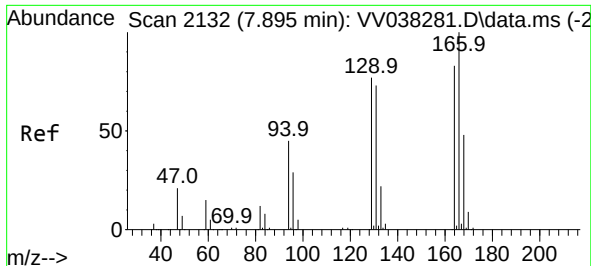
Tgt Ion: 91 Resp: 7355

Ion Ratio Lower Upper

91 100

92 51.2 40.8 75.8

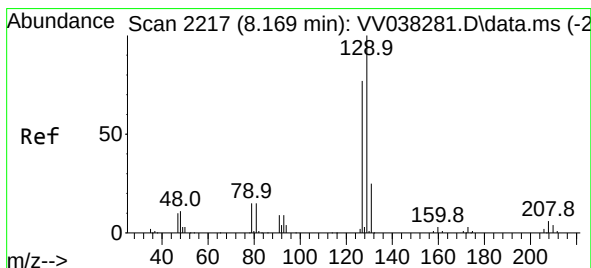
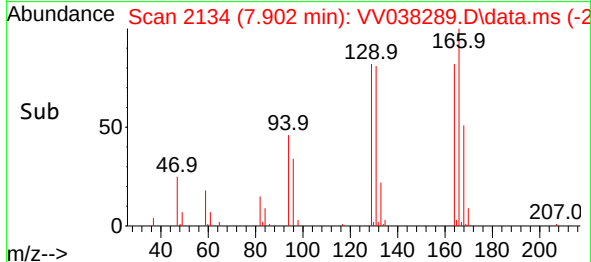
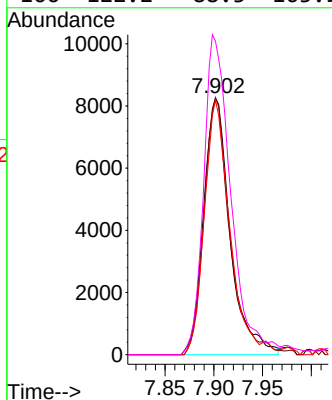
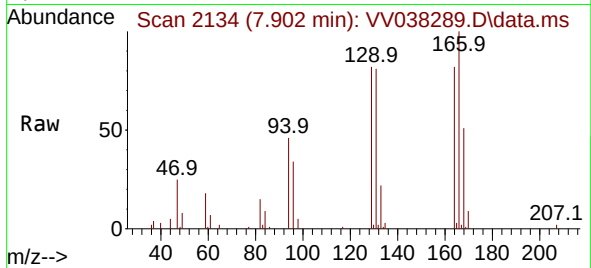




#47
Tetrachloroethene
Concen: 0.982 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.006 min
Lab File: VV038289.D
Acq: 22 Nov 2024 23:56

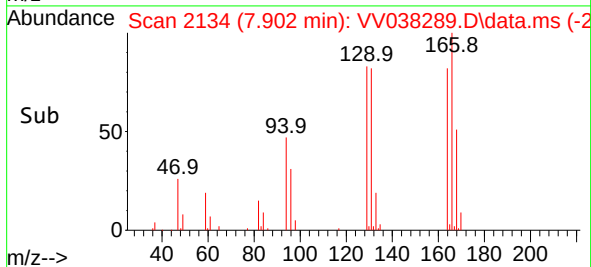
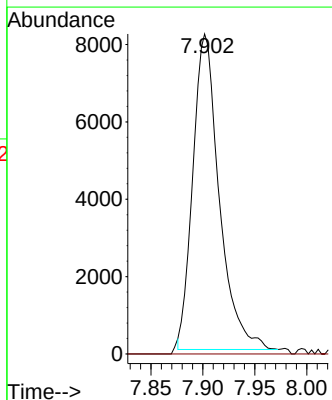
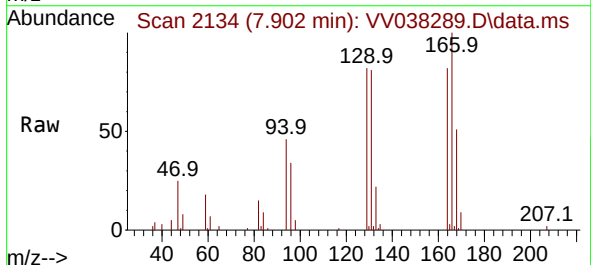
Instrument :
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ClientSampleId :

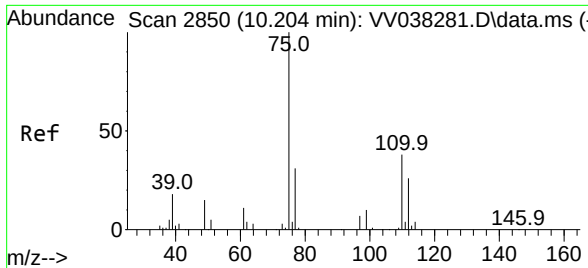
Tgt Ion:164	Resp:	15642
Ion	Ratio	Lower Upper
164	100	
129	100.2	68.5 127.1
131	99.1	64.8 120.4
166	122.2	88.3 163.9



#49
Dibromochloromethane
Concen: 0.895 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.267 min
Lab File: VV038289.D
Acq: 22 Nov 2024 23:56

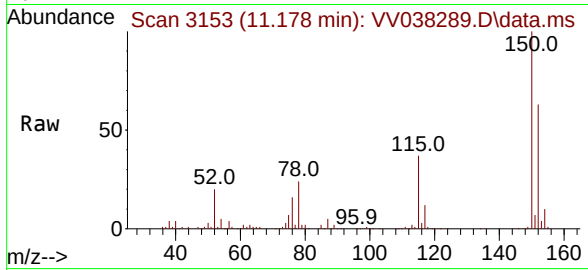
Tgt Ion:129	Resp:	14409
Ion	Ratio	Lower Upper
129	100	
127	0.0	53.5 99.3#





#61
1,2,3-Trichloropropane
Concen: 1.306 ug/L
RT: 11.178 min Scan# 31
Delta R.T. 0.974 min
Lab File: VV038289.D
Acq: 22 Nov 2024 23:56

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	75	Resp:	12294
Ion	Ratio	Lower	Upper
75	100		
77	35.1	26.4	39.6
110	2.9	32.3	48.5#

