

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120624\
 Data File : VV038427.D
 Acq On : 05 Dec 2024 19:42
 Operator : SY/MD
 Sample : P5111-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 06 05:42:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 06 05:39:27 2024
 Response via : Initial Calibration

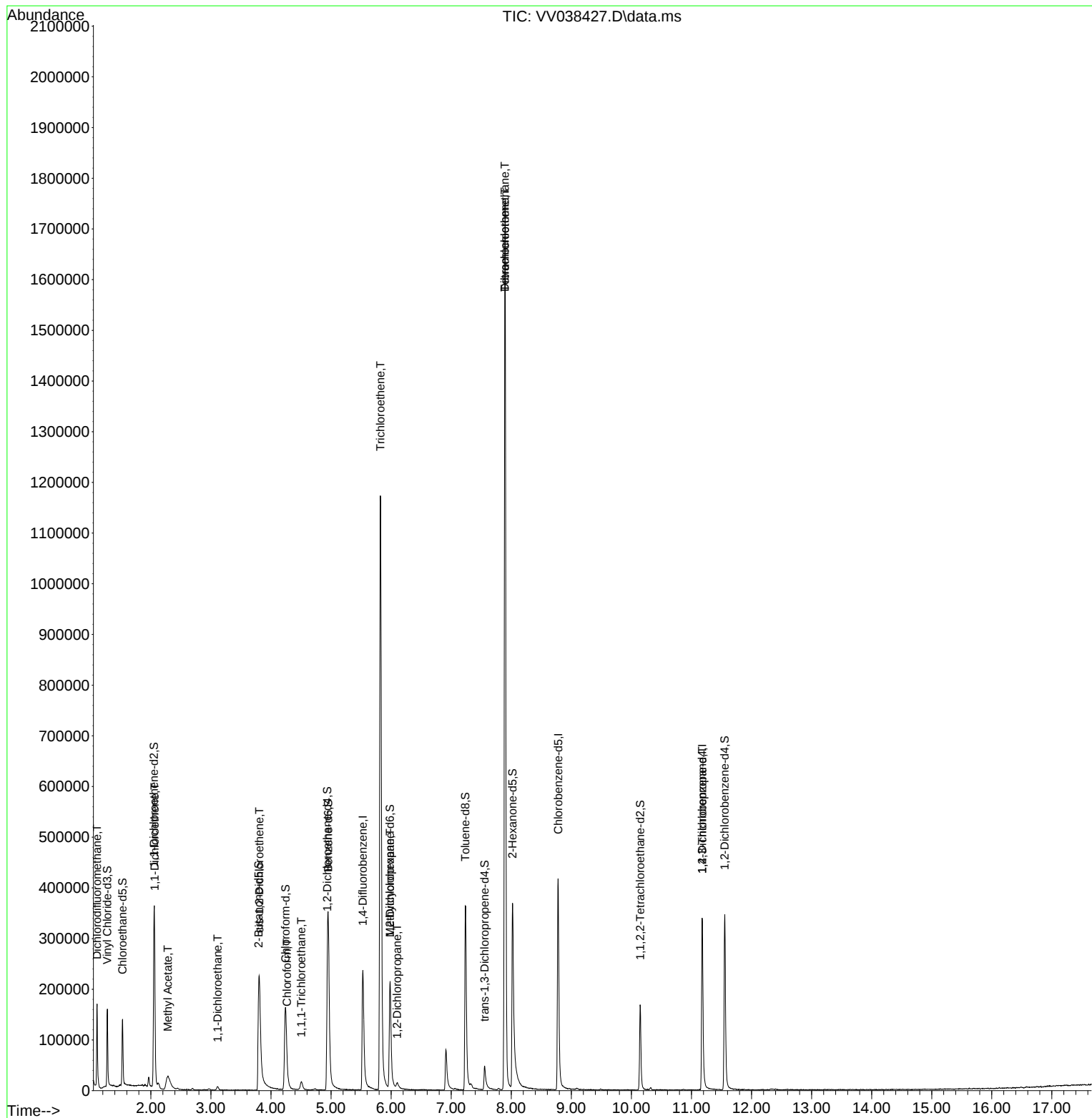
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	218320	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	243378	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	99399	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	98051	5.860	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 117.200%		
7) Chloroethane-d5	1.529	69	85018	6.281	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 125.600%		
11) 1,1-Dichloroethene-d2	2.053	65	42954	5.965	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 119.200%		
20) 2-Butanone-d5	3.793	46	184637	55.156	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	= 110.320%		
24) Chloroform-d	4.243	84	183209	5.641	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 112.800%		
26) 1,2-Dichloroethane-d4	4.937	65	89878	6.168	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 123.400%		
32) Benzene-d6	4.953	84	335057	5.327	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 106.600%		
36) 1,2-Dichloropropane-d6	5.982	67	113065	5.841	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 116.800%		
41) Toluene-d8	7.236	98	265441	4.561	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 91.200%		
43) trans-1,3-Dichloroprop...	7.558	79	35416	4.921	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 98.400%		
46) 2-Hexanone-d5	8.021	63	138379	49.468	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 98.940%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	85106	5.179	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 103.600%		
66) 1,2-Dichlorobenzene-d4	11.554	152	94708	5.592	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 111.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	96021	4.649	ug/L	99
12) 1,1-Dichloroethene	2.063	96	48196	3.091	ug/L #	67
15) Methyl Acetate	2.281	43	10957	1.822	ug/L #	47
19) 1,1-Dichloroethane	3.111	63	7467	0.250	ug/L	96
22) cis-1,2-Dichloroethene	3.806	96	88105	5.187	ug/L	97
25) Chloroform	4.265	83	10470	0.328	ug/L	90
29) 1,1,1-Trichloroethane	4.506	97	13409	0.459	ug/L	90
34) Trichloroethene	5.822	95	436739	23.435	ug/L	98
35) Methylcyclohexane	5.982	83	27851	1.056	ug/L #	19
37) 1,2-Dichloropropane	6.098	63	4841	0.283	ug/L #	88
47) Tetrachloroethene	7.895	164	383189	25.589	ug/L	99
49) Dibromochloromethane	7.895	129	360308	23.797	ug/L #	11
61) 1,2,3-Trichloropropane	11.178	75	12511	1.470	ug/L #	66

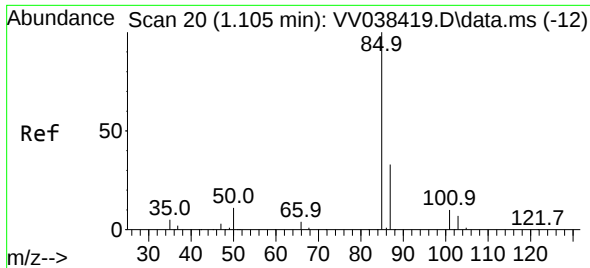
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 06 05:39:27 2024
Response via : Initial Calibration

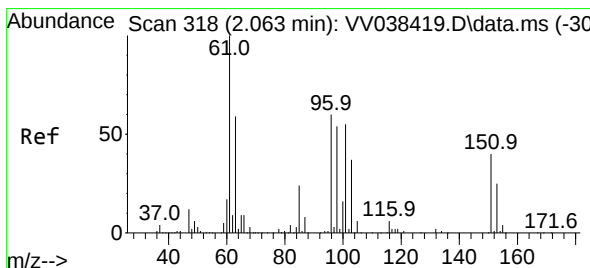
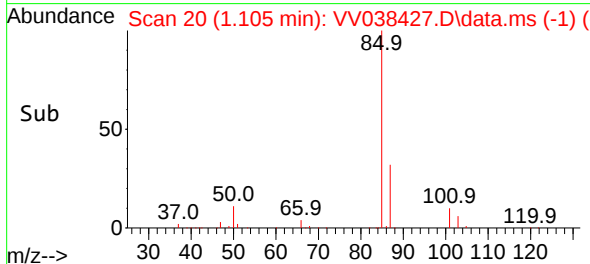
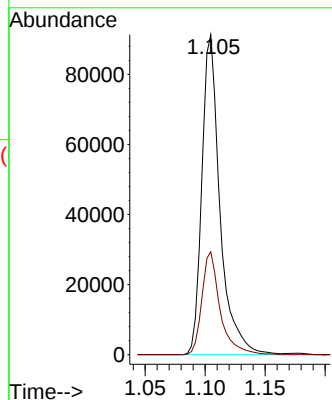
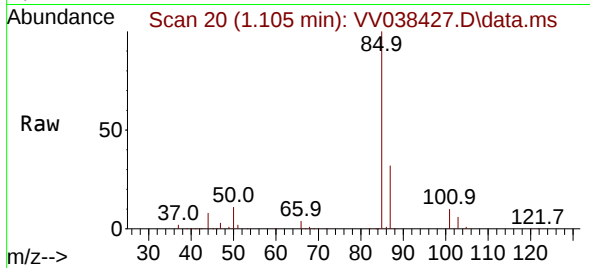




#2
 Dichlorodifluoromethane
 Concen: 4.649 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038427.D
 Acq: 05 Dec 2024 19:42

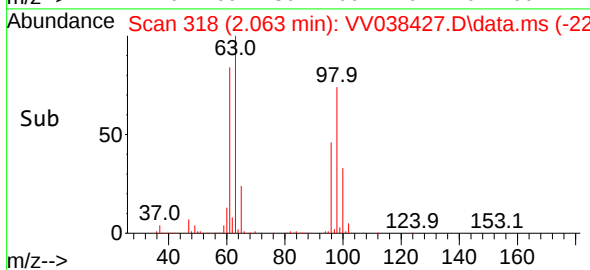
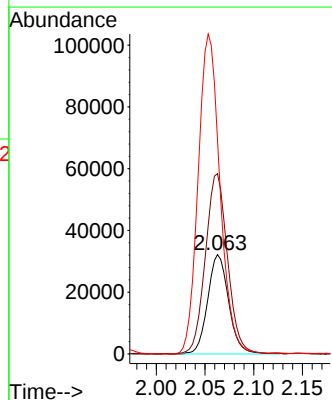
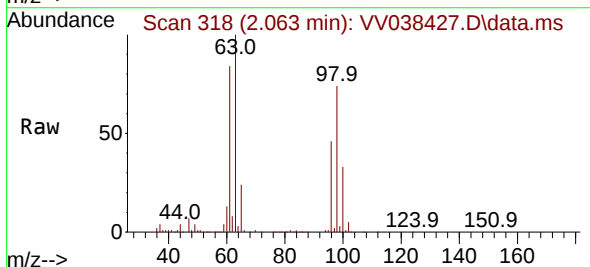
Instrument :
 MSVOA_V
 ClientSampleId :

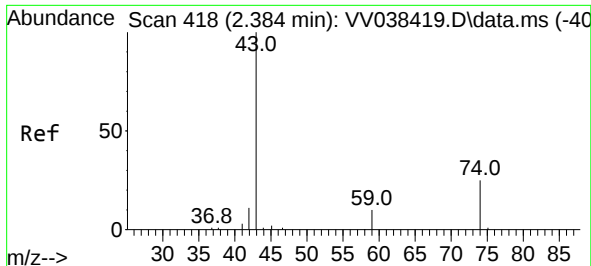
Tgt Ion: 85 Resp: 96021
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.5 39.7



#12
 1,1-Dichloroethene
 Concen: 3.091 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV038427.D
 Acq: 05 Dec 2024 19:42

Tgt Ion: 96 Resp: 48196
 Ion Ratio Lower Upper
 96 100
 61 181.4 115.7 214.9
 63 215.9 101.1 187.7#





#15

Methyl Acetate

Concen: 1.822 ug/L

RT: 2.281 min Scan# 31

Delta R.T. -0.103 min

Lab File: VV038427.D

Acq: 05 Dec 2024 19:42

Instrument :

MSVOA_V

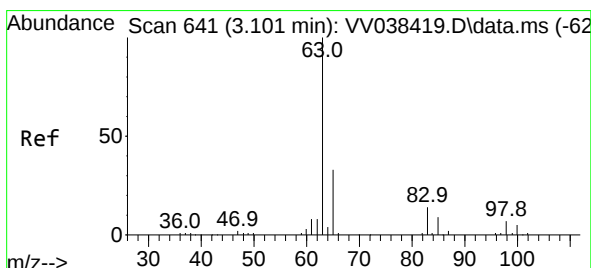
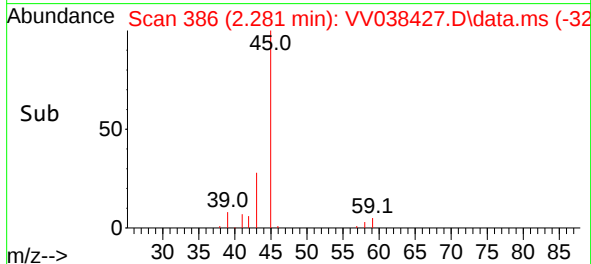
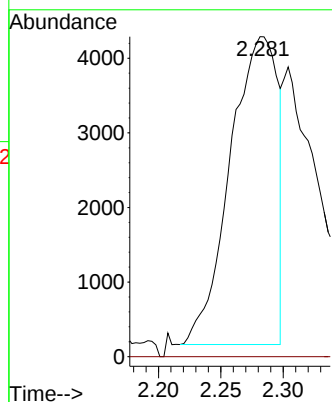
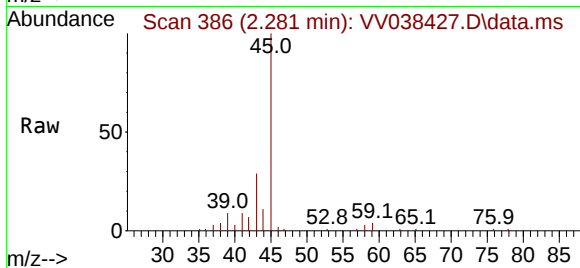
ClientSampleId :

Tgt Ion: 43 Resp: 10957

Ion Ratio Lower Upper

43 100

74 0.0 22.4 33.6#



#19

1,1-Dichloroethane

Concen: 0.250 ug/L

RT: 3.111 min Scan# 644

Delta R.T. 0.010 min

Lab File: VV038427.D

Acq: 05 Dec 2024 19:42

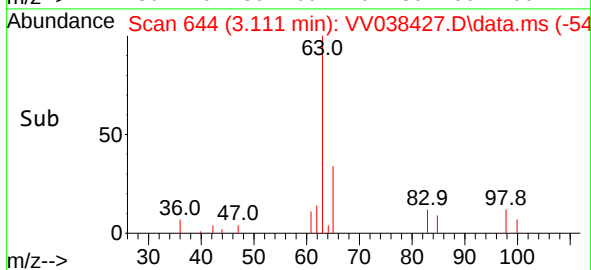
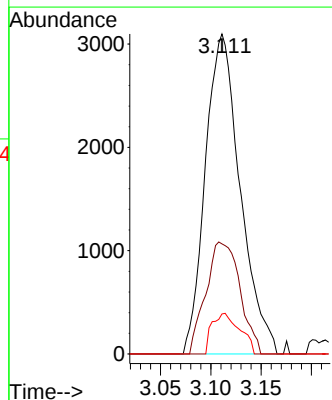
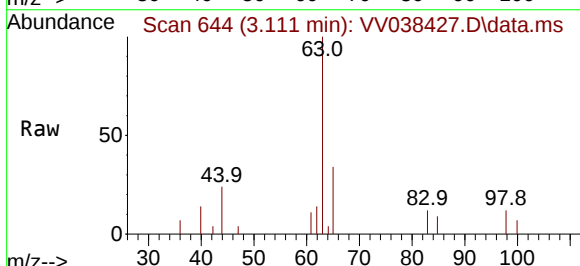
Tgt Ion: 63 Resp: 7467

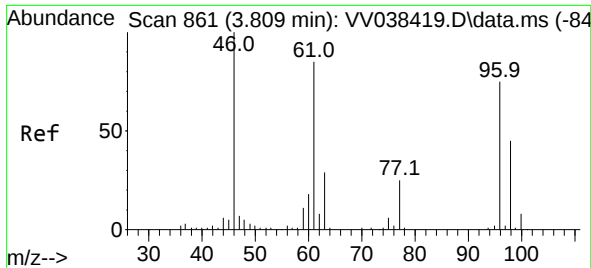
Ion Ratio Lower Upper

63 100

65 34.4 22.5 41.7

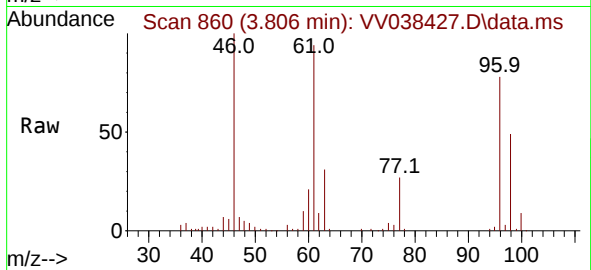
83 12.5 10.1 18.9



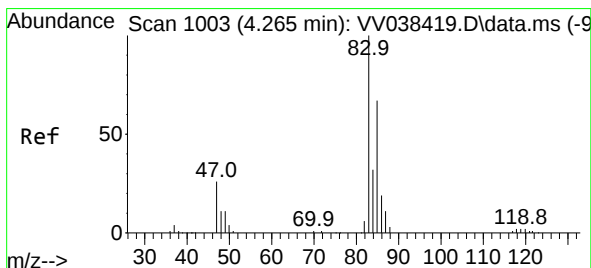
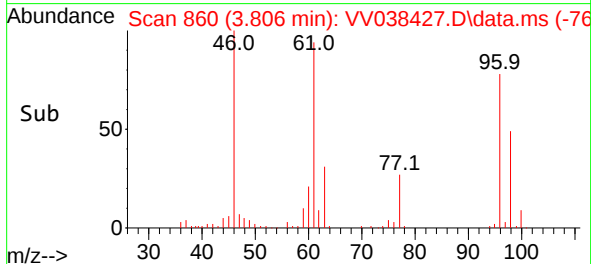
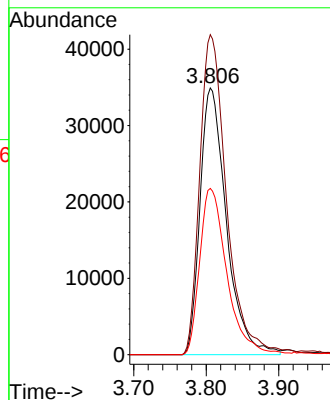


#22
 cis-1,2-Dichloroethene
 Concen: 5.187 ug/L
 RT: 3.806 min Scan# 861
 Delta R.T. -0.003 min
 Lab File: VV038427.D
 Acq: 05 Dec 2024 19:42

Instrument :
 MSVOA_V
 ClientSampleId :

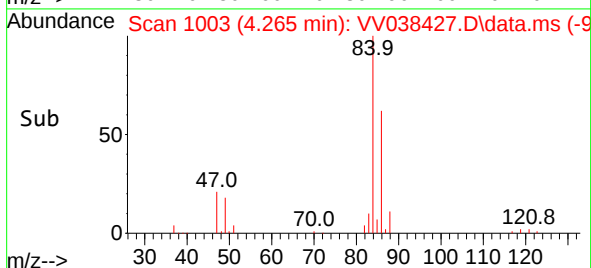
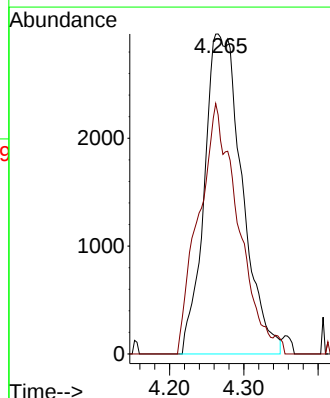
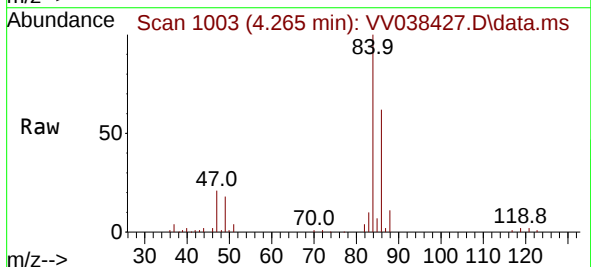


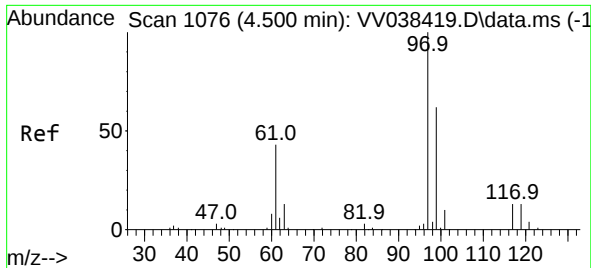
Tgt Ion:	96	Resp:	88105
Ion	Ratio	Lower	Upper
96	100		
61	120.0	82.7	153.5
98	62.3	46.3	85.9



#25
 Chloroform
 Concen: 0.328 ug/L
 RT: 4.265 min Scan# 1003
 Delta R.T. 0.000 min
 Lab File: VV038427.D
 Acq: 05 Dec 2024 19:42

Tgt Ion:	83	Resp:	10470
Ion	Ratio	Lower	Upper
83	100		
85	74.7	46.5	86.3

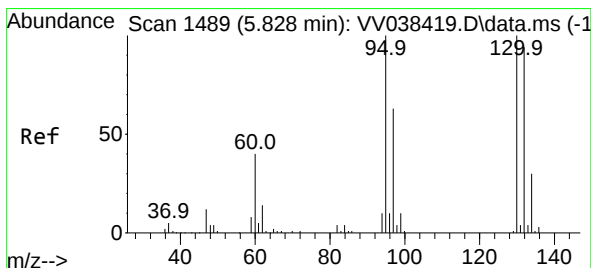
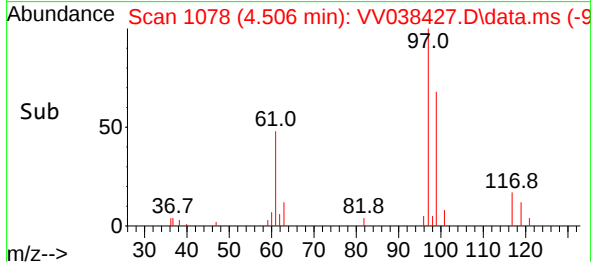
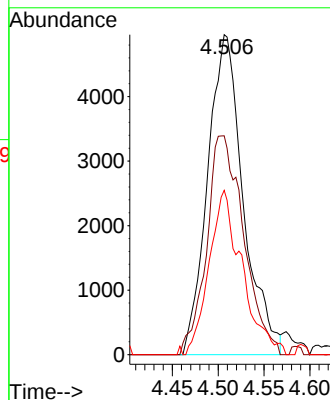
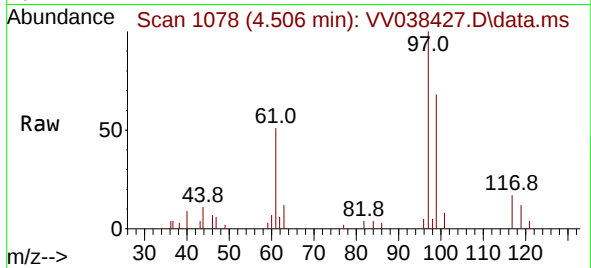




#29
1,1,1-Trichloroethane
Concen: 0.459 ug/L
RT: 4.506 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VV038427.D
Acq: 05 Dec 2024 19:42

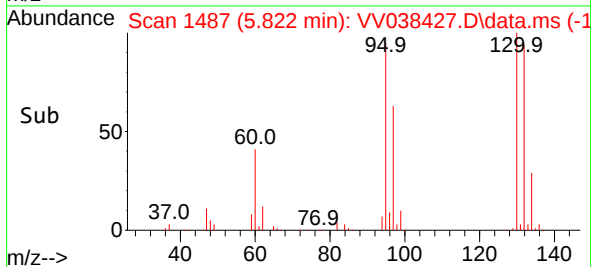
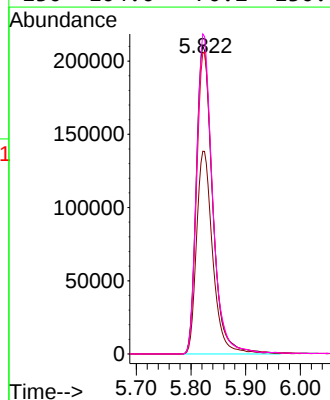
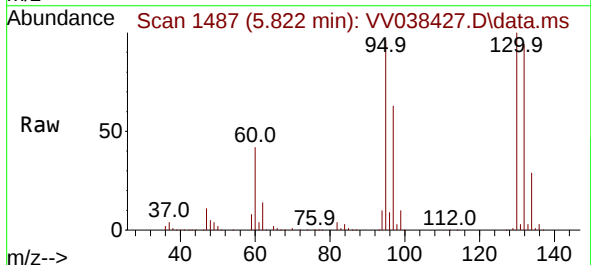
Instrument :
MSVOA_V
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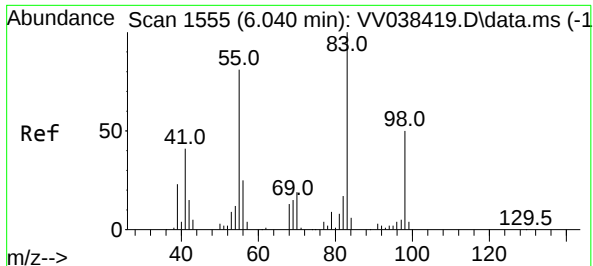
Tgt Ion: 97 Resp: 13409
Ion Ratio Lower Upper
97 100
99 71.1 51.8 77.8
61 47.6 32.2 48.2



#34
Trichloroethene
Concen: 23.435 ug/L
RT: 5.822 min Scan# 1487
Delta R.T. -0.006 min
Lab File: VV038427.D
Acq: 05 Dec 2024 19:42

Tgt Ion: 95 Resp: 436739
Ion Ratio Lower Upper
95 100
97 65.9 44.8 83.2
132 97.7 68.3 126.8
130 104.0 70.2 130.4





#35

Methylcyclohexane

Concen: 1.056 ug/L

RT: 5.982 min Scan# 1537

Delta R.T. -0.058 min

Lab File: VV038427.D

Acq: 05 Dec 2024 19:42

Instrument :

MSVOA_V

ClientSampleId :

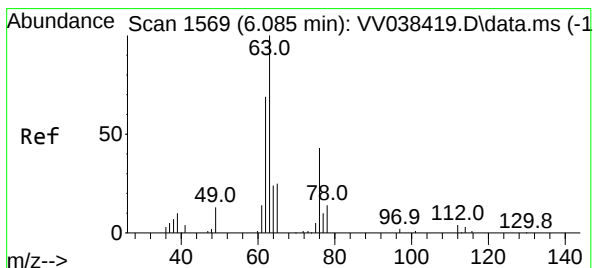
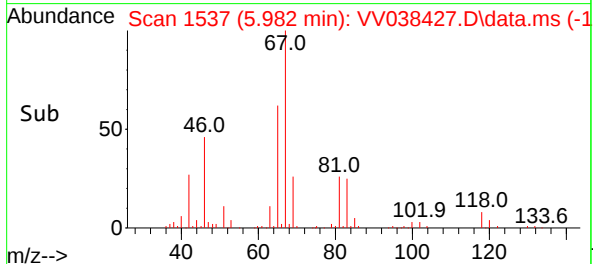
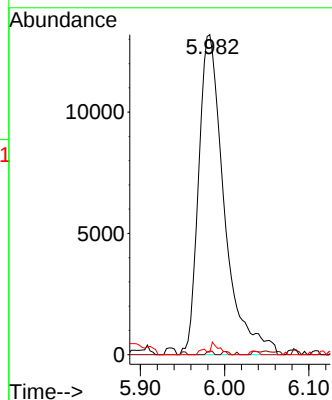
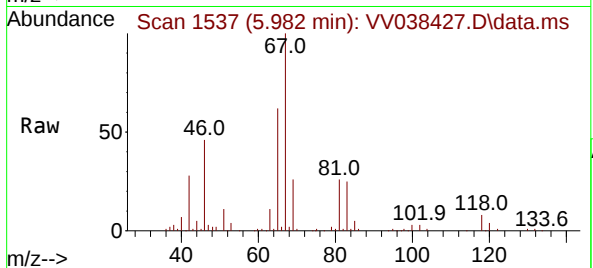
Tgt Ion: 83 Resp: 27851

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: 0.283 ug/L

RT: 6.098 min Scan# 1573

Delta R.T. 0.013 min

Lab File: VV038427.D

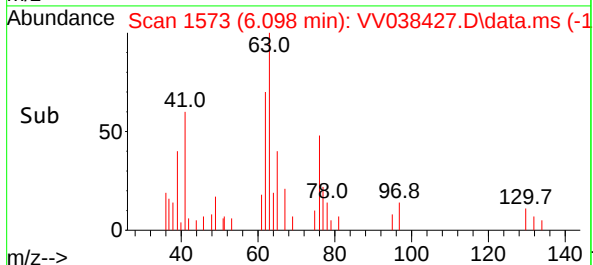
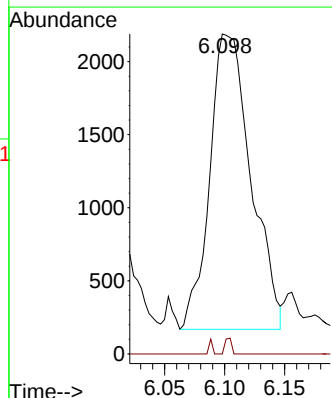
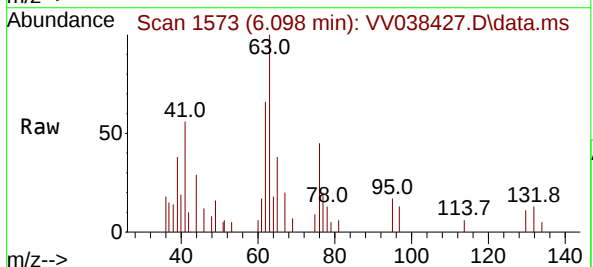
Acq: 05 Dec 2024 19:42

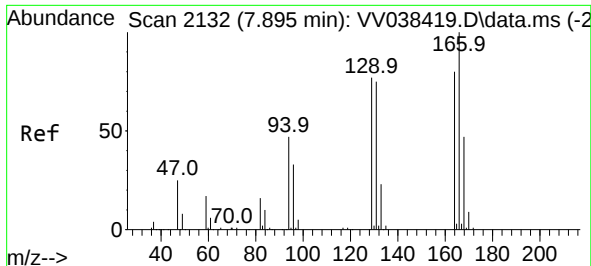
Tgt Ion: 63 Resp: 4841

Ion Ratio Lower Upper

63 100

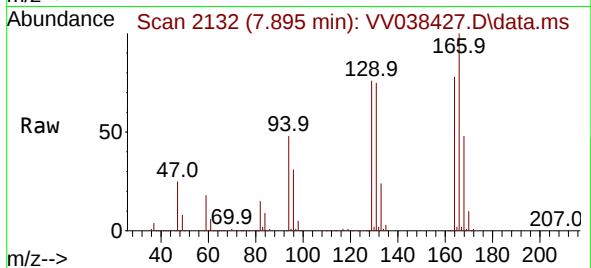
112 0.8 3.9 5.9#



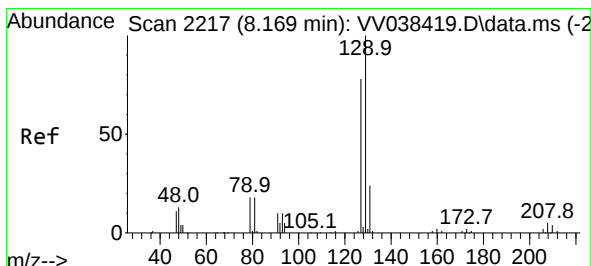
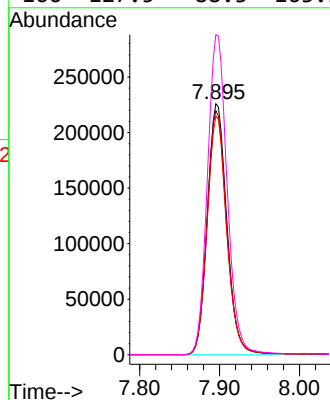
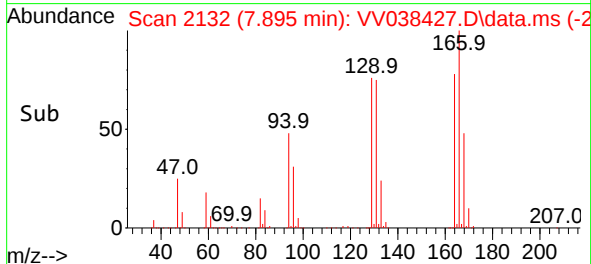


#47
Tetrachloroethene
Concen: 25.589 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038427.D
Acq: 05 Dec 2024 19:42

Instrument :
MSVOA_V
ClientSampleId :

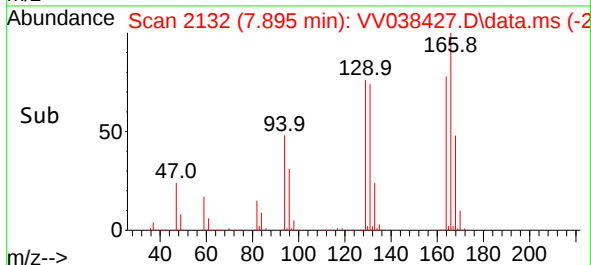
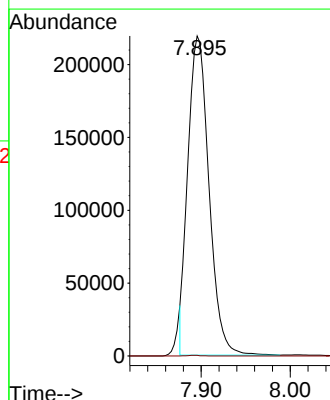
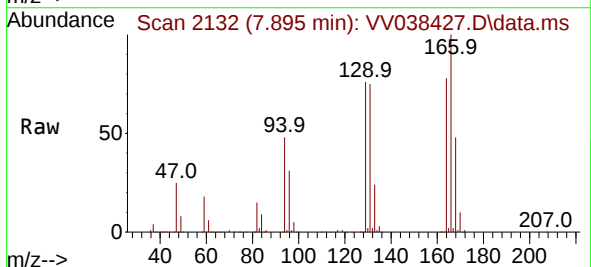


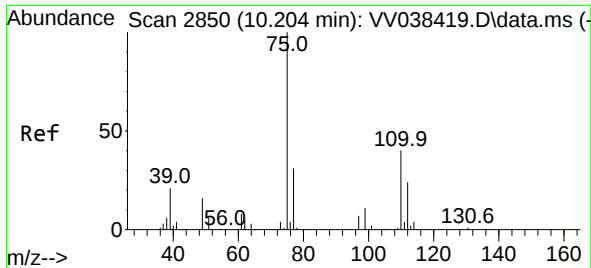
Tgt Ion:164 Resp: 383189
Ion Ratio Lower Upper
164 100
129 97.2 68.5 127.1
131 95.1 64.8 120.4
166 127.5 88.3 163.9



#49
Dibromochloromethane
Concen: 23.797 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.273 min
Lab File: VV038427.D
Acq: 05 Dec 2024 19:42

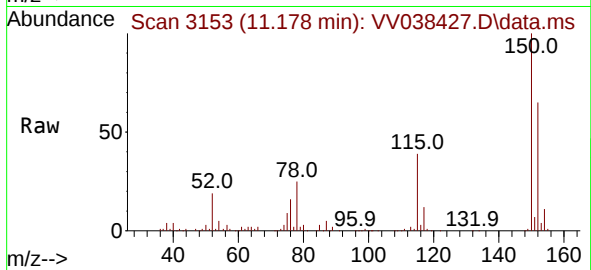
Tgt Ion:129 Resp: 360308
Ion Ratio Lower Upper
129 100
127 0.2 53.5 99.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.470 ug/L
 RT: 11.178 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV038427.D
 Acq: 05 Dec 2024 19:42

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	12511
Ion Ratio	Lower	Upper
75	100	
77	33.5	26.4 39.6
110	1.9	32.3 48.5#

