

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
 Data File : VV038270.D
 Acq On : 22 Nov 2024 15:06
 Operator : SY/MD
 Sample : P4884-11
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 00:02:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 23:57:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	225527	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	246819	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	99457	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	68690	3.974	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.529	69	66806	4.778	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.053	65	30216	4.062	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	3.786	46	188692	54.566	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.140%
24) Chloroform-d	4.239	84	162884	4.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	4.937	65	83790	5.566	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.400%
32) Benzene-d6	4.953	84	276476	4.334	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	5.982	67	98267	5.006	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.239	98	209677	3.552	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.000%
43) trans-1,3-Dichloroprop...	7.558	79	26730	3.663	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.200%
46) 2-Hexanone-d5	8.017	63	146131	51.511	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.020%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	84695	5.083	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	85952	5.072	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						Qvalue
13) Acetone	1.854	43	655197	256.181	ug/L	41
16) Methylene chloride	2.442	84	20379	1.109	ug/L	94
17) Methyl tert-butyl Ether	2.699	73	9995	0.274	ug/L #	90
22) cis-1,2-Dichloroethene	3.809	96	21325	1.215	ug/L	82
27) 1,2-Dichloroethane	5.063	62	4146	0.231	ug/L #	72
29) 1,1,1-Trichloroethane	4.506	97	27607	0.933	ug/L	97
31) Carbon tetrachloride	4.500	117	3708	0.142	ug/L	94
34) Trichloroethene	5.825	95	231310	12.239	ug/L	98
35) Methylcyclohexane	5.982	83	23894	0.894	ug/L #	19
42) Toluene	7.326	91	17058	0.232	ug/L	97
47) Tetrachloroethene	7.895	164	250298	16.481	ug/L	99
49) Dibromochloromethane	7.895	129	231116	15.052	ug/L #	11
51) Chlorobenzene	8.815	112	16026	0.317	ug/L	94
53) m,p-Xylene	9.078	106	2428	0.083	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.172	83	2883	0.175	ug/L #	87
61) 1,2,3-Trichloropropane	11.178	75	11551	1.357	ug/L #	63

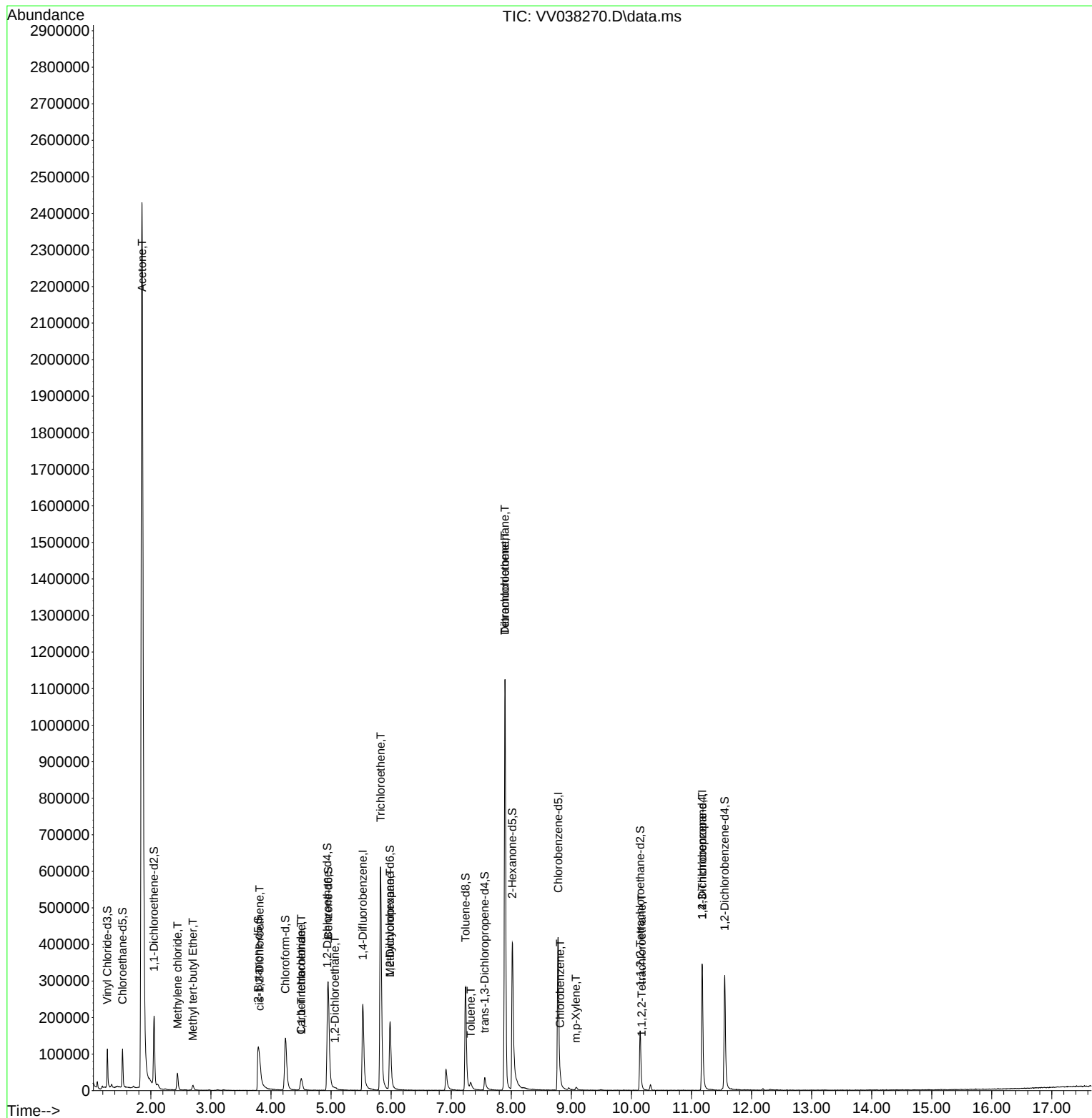
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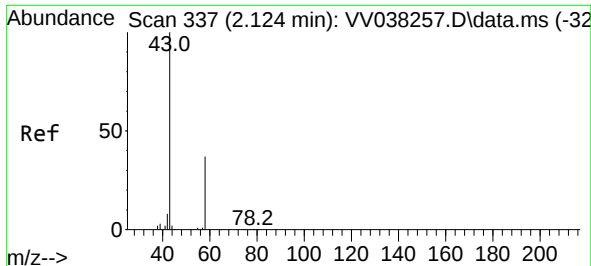
Instrument :
MSVOA_V
ClientSampleId :

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 22 23:57:44 2024
Response via : Initial Calibration





#13

Acetone

Concen: 256.181 ug/L

RT: 1.854 min Scan# 21

Delta R.T. -0.270 min

Lab File: VV038270.D

Acq: 22 Nov 2024 15:06

Instrument :

MSVOA_V

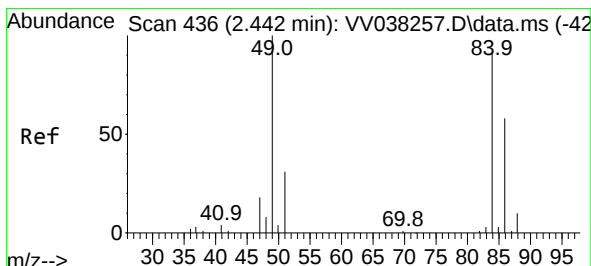
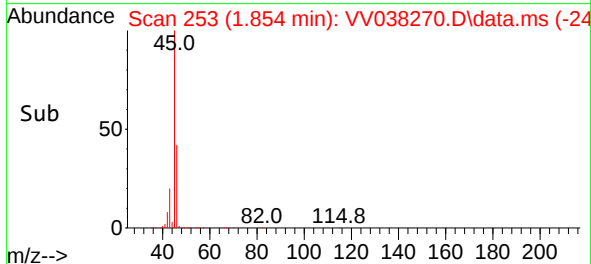
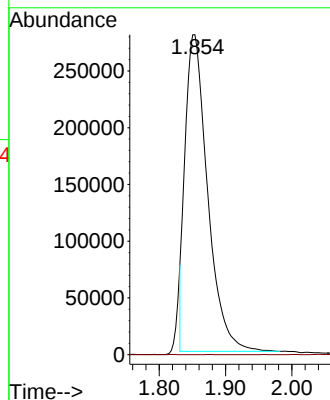
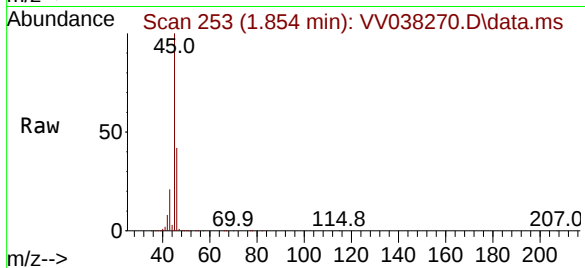
ClientSampleId :

Tgt Ion: 43 Resp: 655197

Ion Ratio Lower Upper

43 100

58 0.0 0.0 67.2



#16

Methylene chloride

Concen: 1.109 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV038270.D

Acq: 22 Nov 2024 15:06

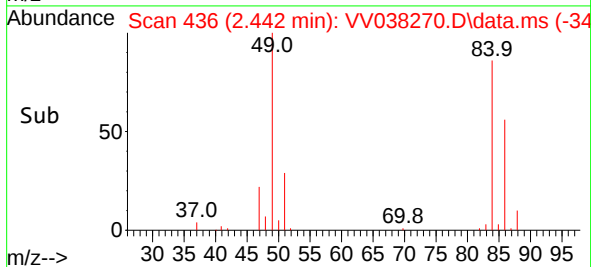
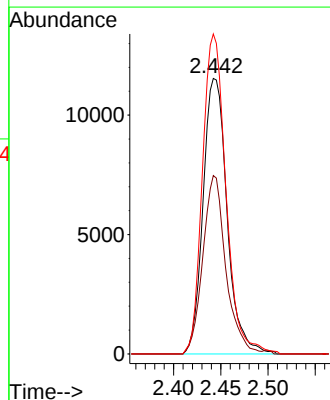
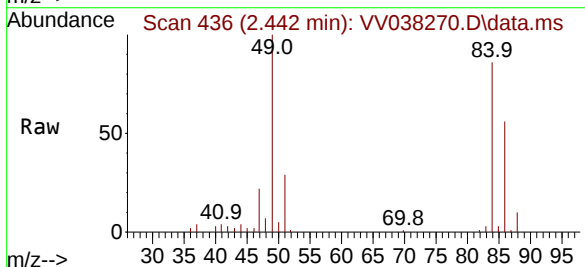
Tgt Ion: 84 Resp: 20379

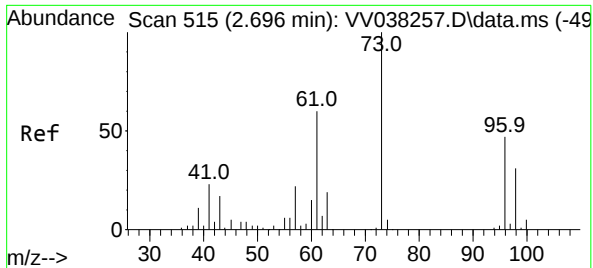
Ion Ratio Lower Upper

84 100

86 64.7 44.2 82.2

49 116.1 74.9 139.1

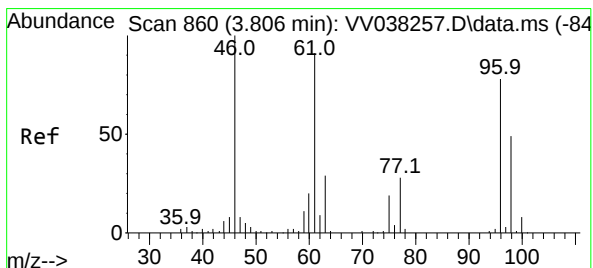
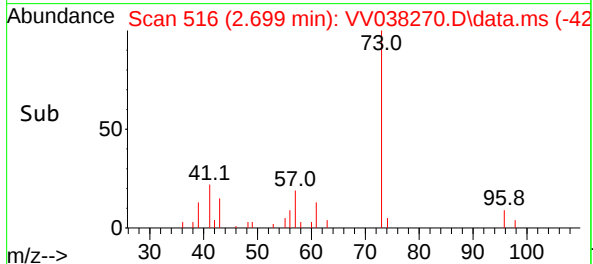
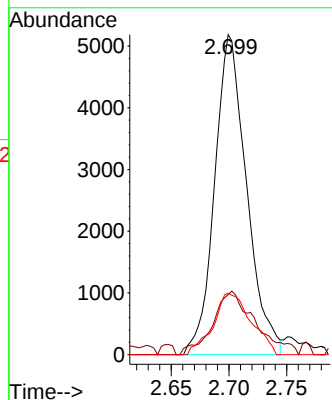
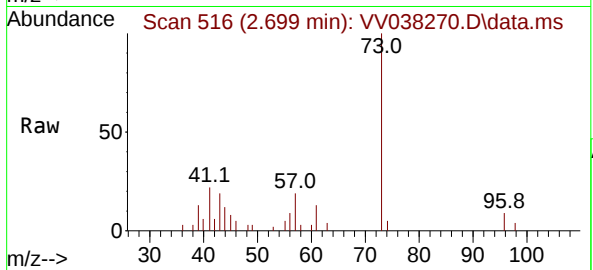




#17
Methyl tert-butyl Ether
Concen: 0.274 ug/L
RT: 2.699 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV038270.D
Acq: 22 Nov 2024 15:06

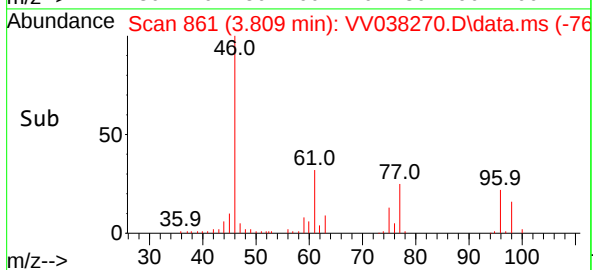
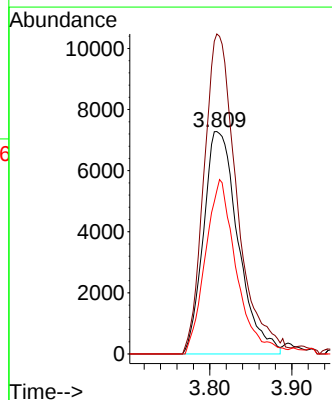
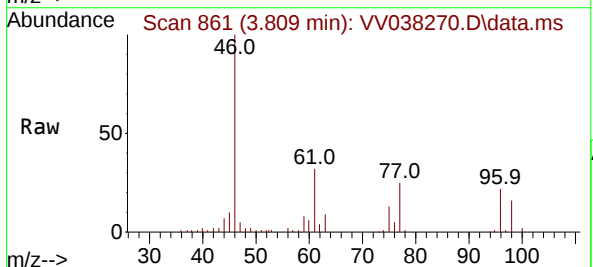
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MSVOA_V
ClientSampleId :

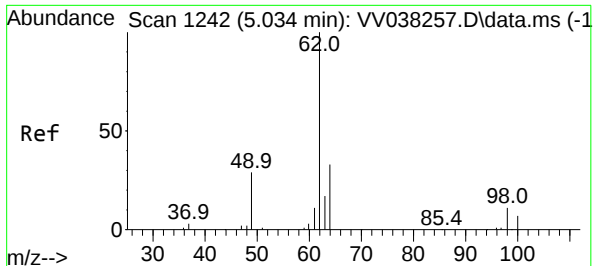
Tgt Ion: 73 Resp: 9995
Ion Ratio Lower Upper
73 100
43 26.5 14.2 21.2#
57 22.8 17.6 26.4



#22
cis-1,2-Dichloroethene
Concen: 1.215 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV038270.D
Acq: 22 Nov 2024 15:06

Tgt Ion: 96 Resp: 21325
Ion Ratio Lower Upper
96 100
61 143.9 82.7 153.5
98 73.5 46.3 85.9





#27

1,2-Dichloroethane

Concen: 0.231 ug/L

RT: 5.063 min Scan# 1

Delta R.T. 0.029 min

Lab File: VV038270.D

Acq: 22 Nov 2024 15:06

Instrument :

MSVOA_V

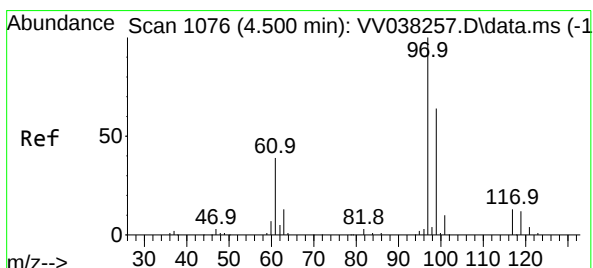
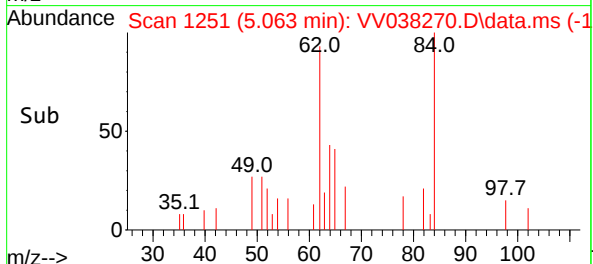
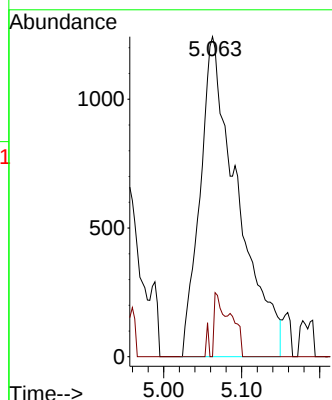
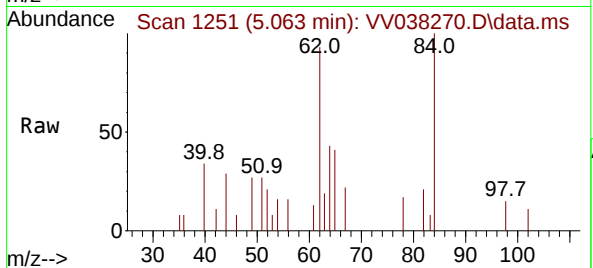
ClientSampleId :

Tgt Ion: 62 Resp: 4146

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#29

1,1,1-Trichloroethane

Concen: 0.933 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VV038270.D

Acq: 22 Nov 2024 15:06

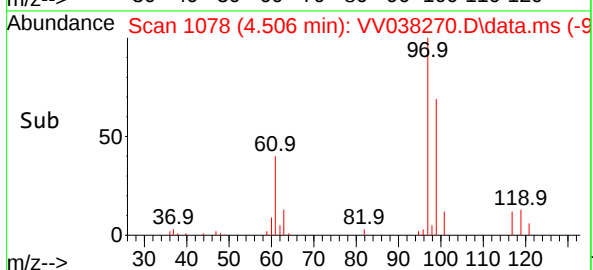
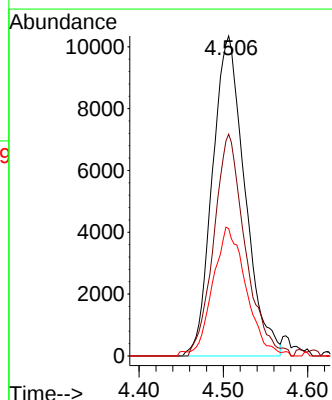
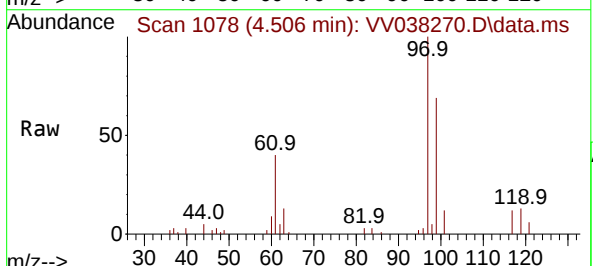
Tgt Ion: 97 Resp: 27607

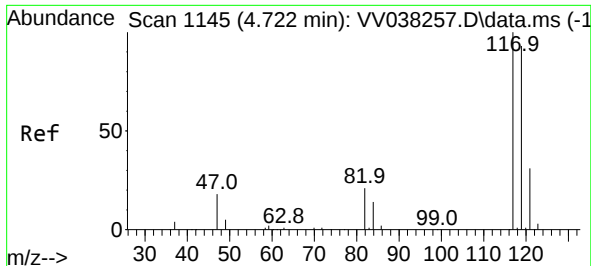
Ion Ratio Lower Upper

97 100

99 67.2 51.8 77.8

61 41.2 32.2 48.2

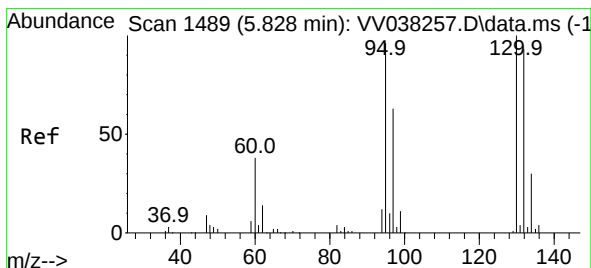
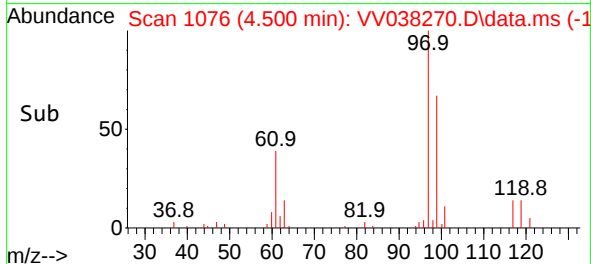
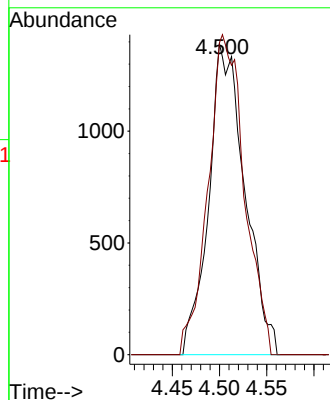
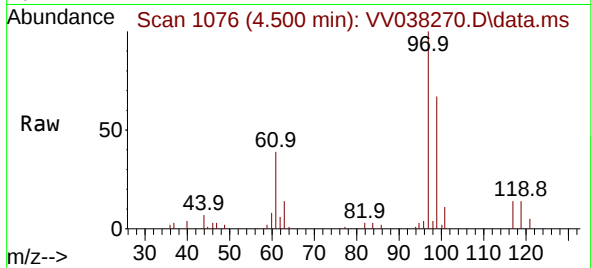




#31
Carbon tetrachloride
Concen: 0.142 ug/L
RT: 4.500 min Scan# 1145
Delta R.T. -0.222 min
Lab File: VV038270.D
Acq: 22 Nov 2024 15:06

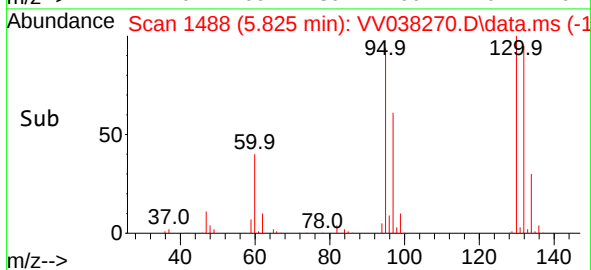
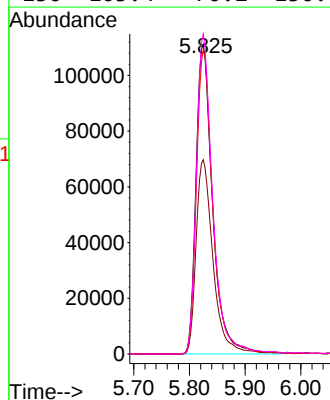
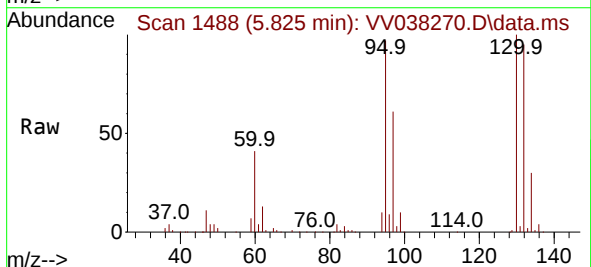
Instrument :
MSVOA_V
ClientSampleId :

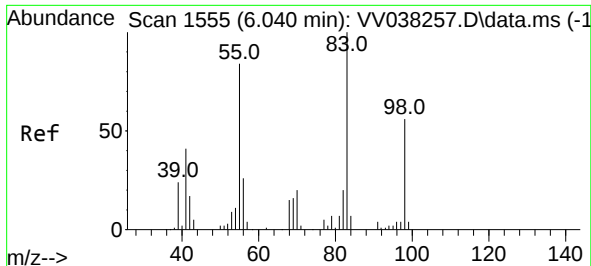
Tgt Ion:117 Resp: 3708
Ion Ratio Lower Upper
117 100
119 102.9 77.4 116.2



#34
Trichloroethene
Concen: 12.239 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. -0.003 min
Lab File: VV038270.D
Acq: 22 Nov 2024 15:06

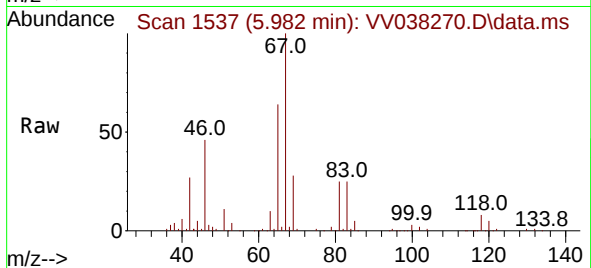
Tgt Ion: 95 Resp: 231310
Ion Ratio Lower Upper
95 100
97 62.7 44.8 83.2
132 98.3 68.3 126.8
130 103.4 70.2 130.4



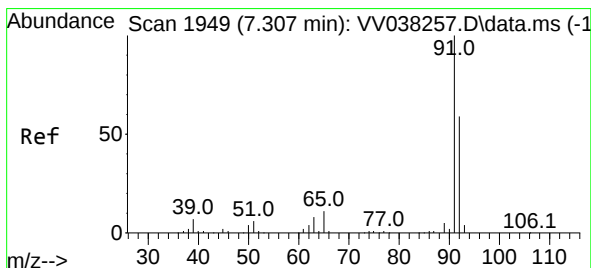
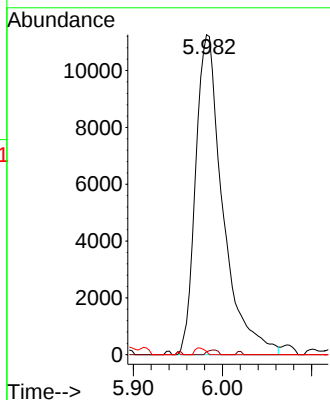
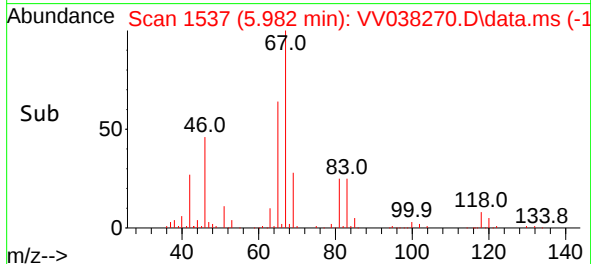


#35
Methylcyclohexane
Concen: 0.894 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV038270.D
Acq: 22 Nov 2024 15:06

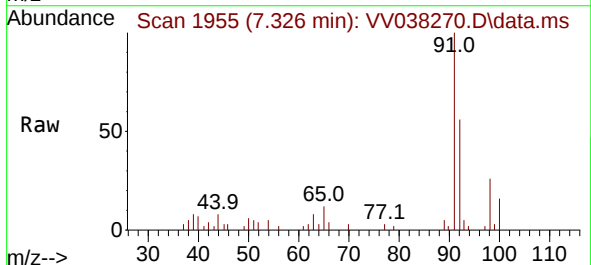
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MSVOA_V
ClientSampleId :



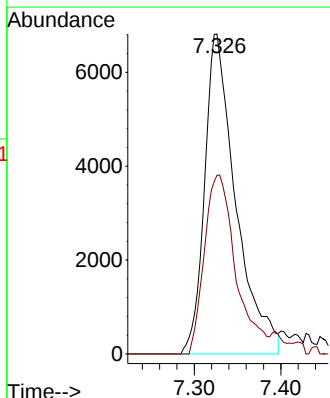
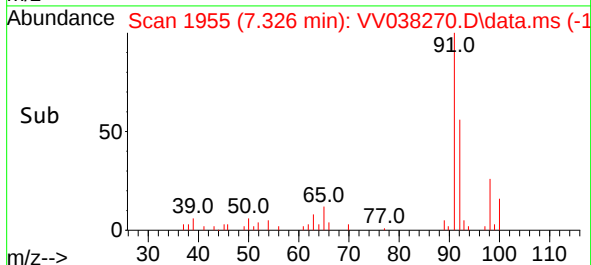
Tgt Ion: 83 Resp: 23894
Ion Ratio Lower Upper
83 100
55 0.6 59.7 89.5#
98 0.8 39.0 58.4#

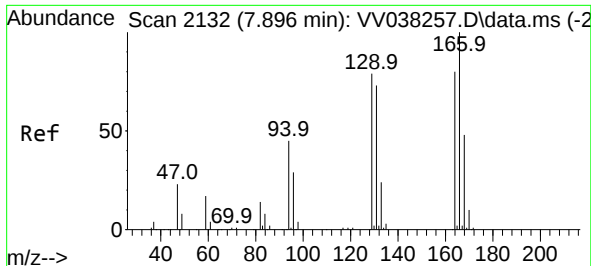


#42
Toluene
Concen: 0.232 ug/L
RT: 7.326 min Scan# 1955
Delta R.T. 0.019 min
Lab File: VV038270.D
Acq: 22 Nov 2024 15:06



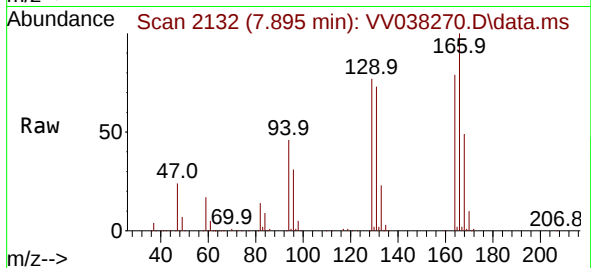
Tgt Ion: 91 Resp: 17058
Ion Ratio Lower Upper
91 100
92 55.8 40.8 75.8



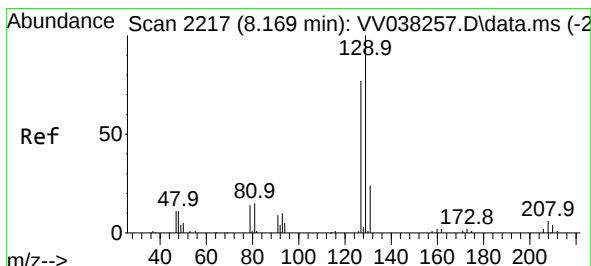
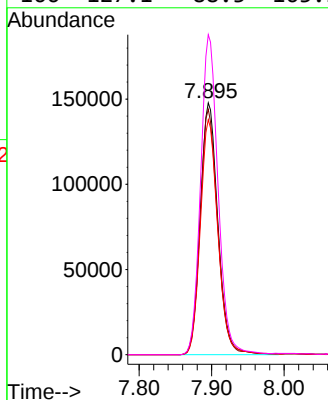
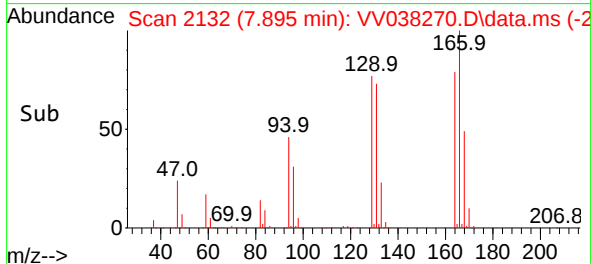


#47
Tetrachloroethene
Concen: 16.481 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.000 min
Lab File: VV038270.D
Acq: 22 Nov 2024 15:06

Instrument :
MSVOA_V
ClientSampleId :

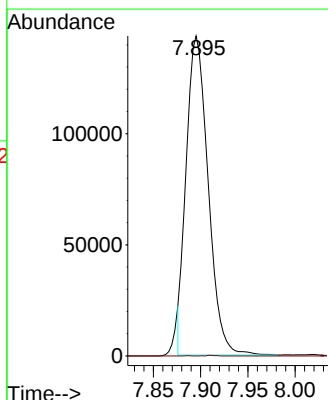
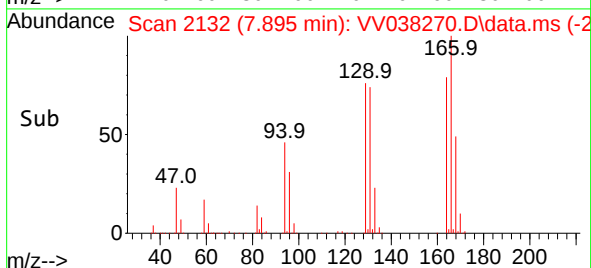
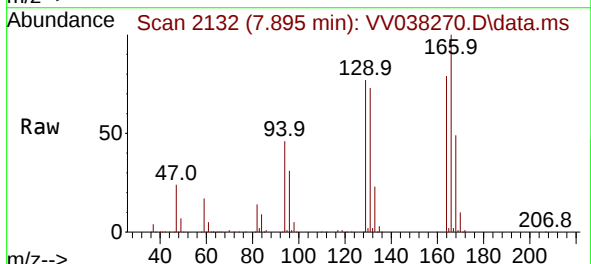


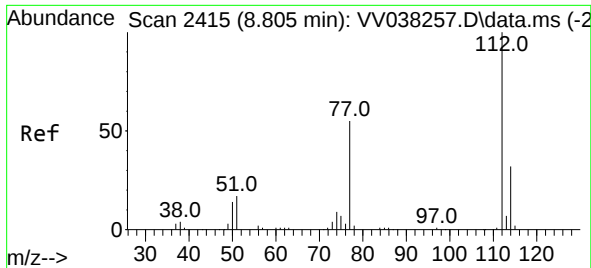
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Ion Ratio Lower Upper
164 100
129 97.4 68.5 127.1
131 93.3 64.8 120.4
166 127.1 88.3 163.9



#49
Dibromochloromethane
Concen: 15.052 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.274 min
Lab File: VV038270.D
Acq: 22 Nov 2024 15:06

Tgt Ion:129 Resp: 231116
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#

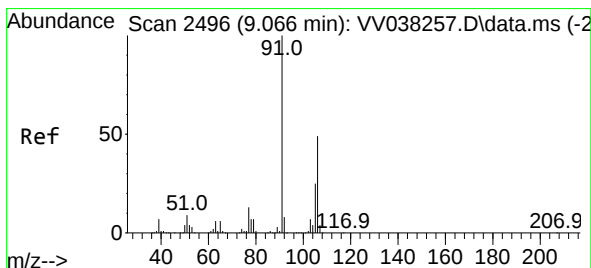
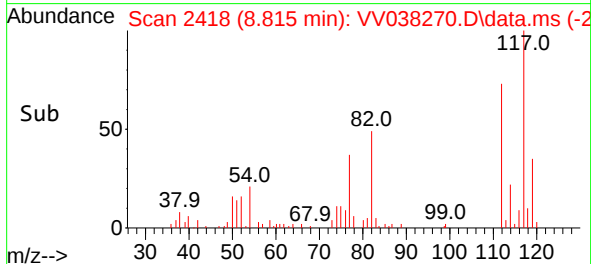
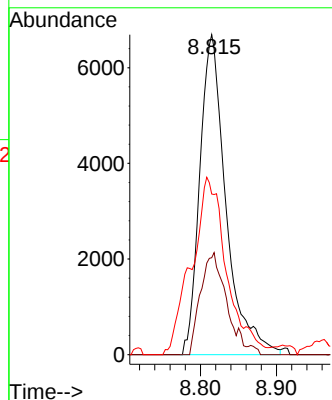
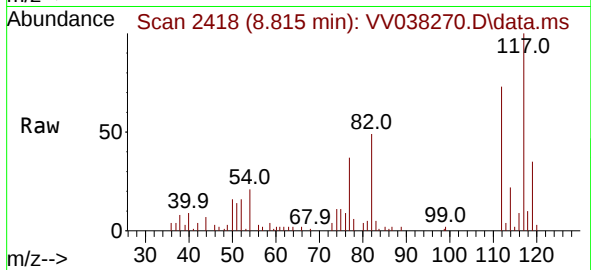




#51
Chlorobenzene
Concen: 0.317 ug/L
RT: 8.815 min Scan# 2415
Delta R.T. 0.009 min
Lab File: VV038270.D
Acq: 22 Nov 2024 15:06

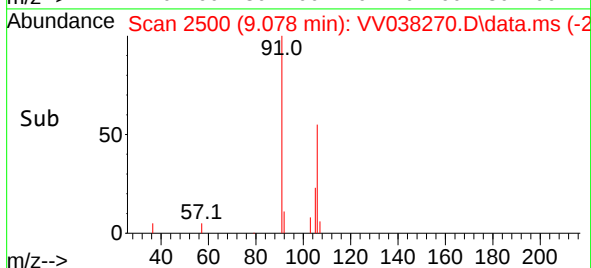
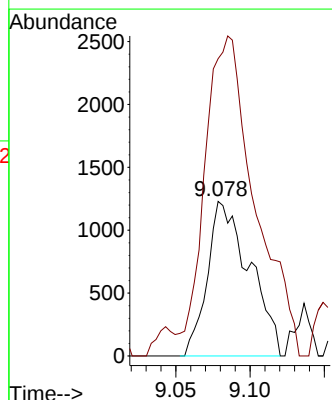
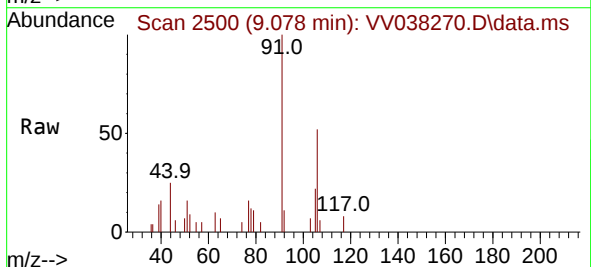
Instrument :
MSVOA_V
ClientSampleId :

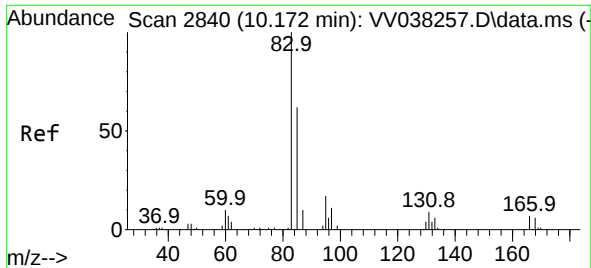
Tgt Ion:112 Resp: 16026
Ion Ratio Lower Upper
112 100
114 30.3 22.0 40.8
77 50.2 45.0 67.4



#53
m,p-Xylene
Concen: 0.083 ug/L
RT: 9.078 min Scan# 2500
Delta R.T. 0.013 min
Lab File: VV038270.D
Acq: 22 Nov 2024 15:06

Tgt Ion:106 Resp: 2428
Ion Ratio Lower Upper
106 100
91 192.3 138.7 257.5

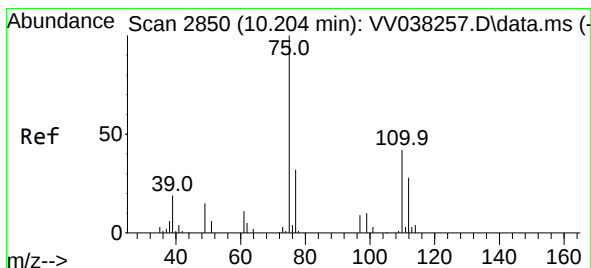
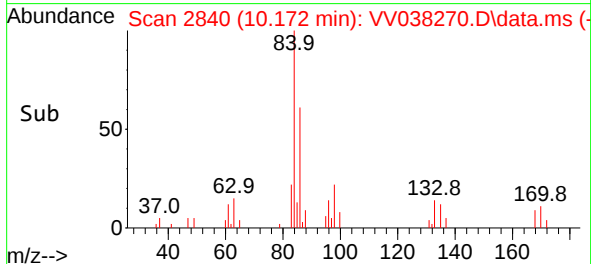
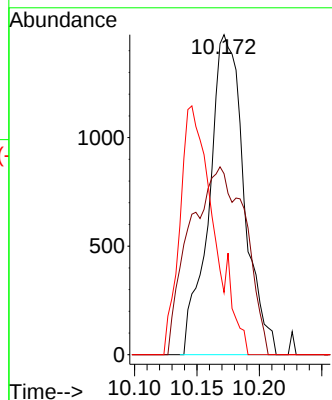
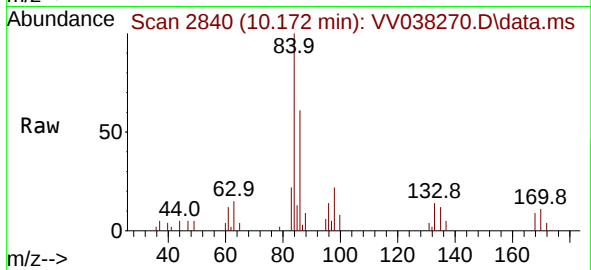




#57
 1,1,2,2-Tetrachloroethane
 Concen: 0.175 ug/L
 RT: 10.172 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV038270.D
 Acq: 22 Nov 2024 15:06

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 83 Resp: 2883
 Ion Ratio Lower Upper
 83 100
 85 56.6 45.7 84.9
 131 19.5 8.2 12.4#



#61
 1,2,3-Trichloropropane
 Concen: 1.357 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. 0.974 min
 Lab File: VV038270.D
 Acq: 22 Nov 2024 15:06

Tgt Ion: 75 Resp: 11551
 Ion Ratio Lower Upper
 75 100
 77 37.1 26.4 39.6
 110 2.7 32.3 48.5#

