

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112524\
 Data File : VV038345.D
 Acq On : 25 Nov 2024 15:39
 Operator : SY/MD
 Sample : P4930-02DL 4X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 26 00:44:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 26 00:39:03 2024
 Response via : Initial Calibration

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

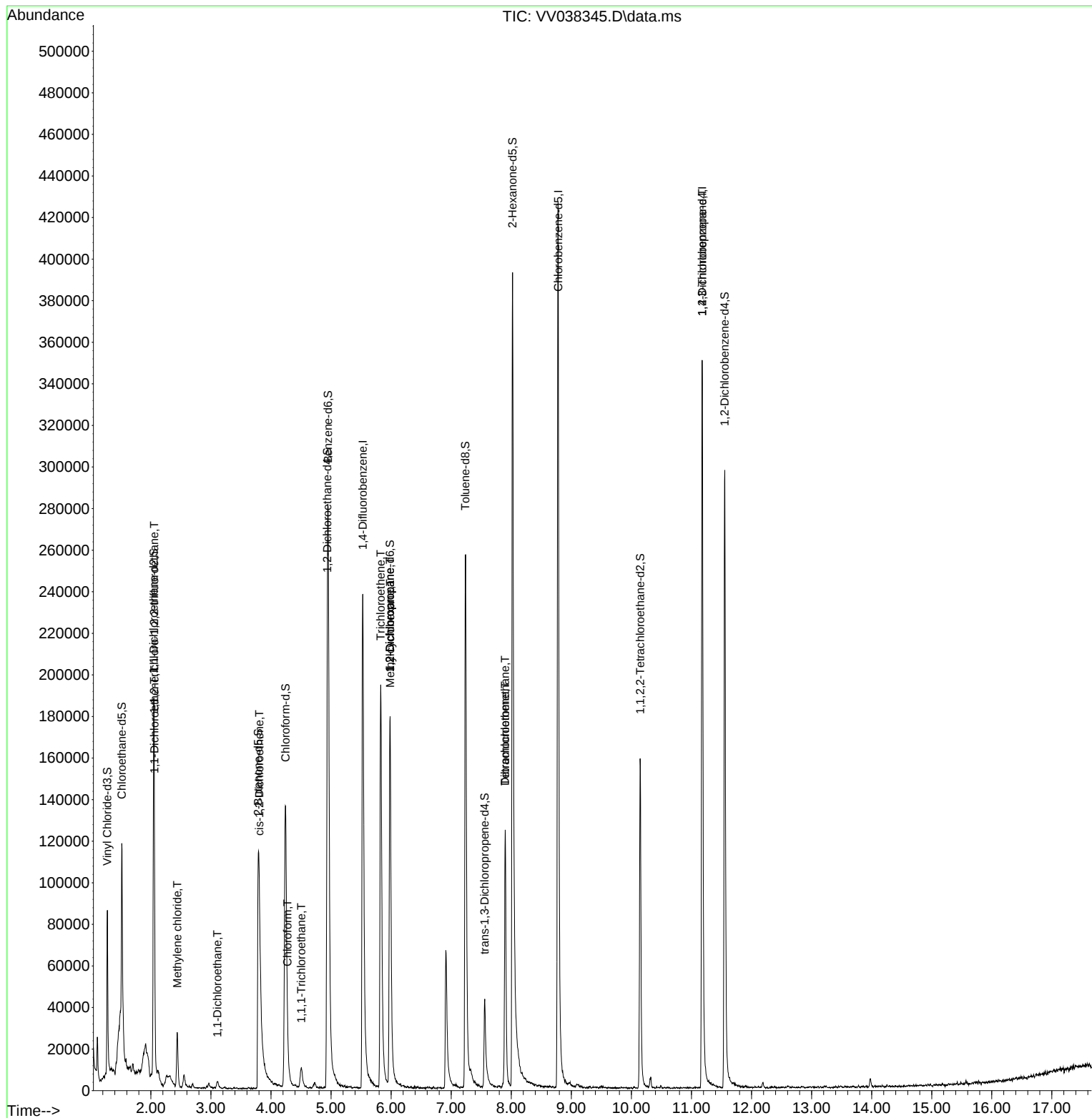
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	222588	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	253398	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	99892	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	52959	3.104	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.000%
7) Chloroethane-d5	1.516	69	45805	3.319	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.400%
11) 1,1-Dichloroethene-d2	2.047	65	26167	3.564	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.200%
20) 2-Butanone-d5	3.786	46	189684	55.577	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.160%
24) Chloroform-d	4.243	84	152308	4.600	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	4.937	65	77621	5.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	4.950	84	258303	3.944	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	5.982	67	92353	4.583	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.236	98	194324	3.207	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.200%#
43) trans-1,3-Dichloroprop...	7.558	79	32572	4.347	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.021	63	142794	49.028	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.060%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	80988	4.734	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	11.555	152	81127	4.767	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.057	101	3726	0.223	ug/L	87
12) 1,1-Dichloroethene	2.060	96	12212	0.768	ug/L #	4
16) Methylene chloride	2.439	84	10667	0.588	ug/L	94
19) 1,1-Dichloroethane	3.108	63	3697	0.122	ug/L #	84
22) cis-1,2-Dichloroethene	3.806	96	16839	0.972	ug/L	94
25) Chloroform	4.275	83	8885	0.273	ug/L	96
29) 1,1,1-Trichloroethane	4.507	97	8205	0.270	ug/L	97
34) Trichloroethene	5.828	95	73813	3.804	ug/L	96
35) Methylcyclohexane	5.986	83	22120	0.806	ug/L #	19
37) 1,2-Dichloropropane	5.982	63	9282	0.521	ug/L #	86
47) Tetrachloroethene	7.899	164	28161	1.806	ug/L	98
49) Dibromochloromethane	7.899	129	26611	1.688	ug/L #	11
61) 1,2,3-Trichloropropane	11.178	75	11543	1.350	ug/L #	63

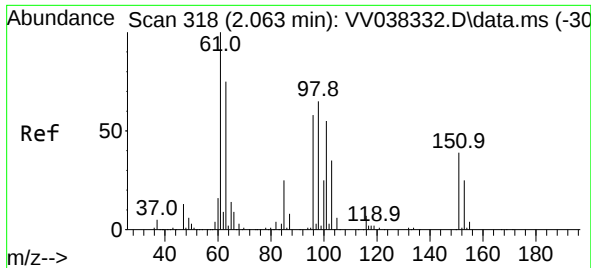
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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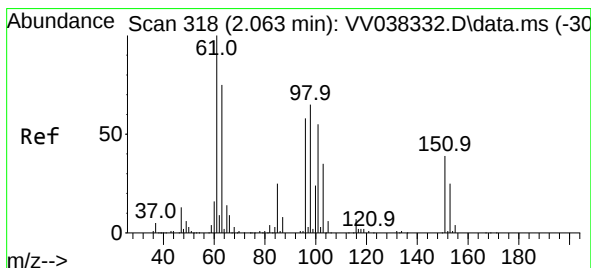
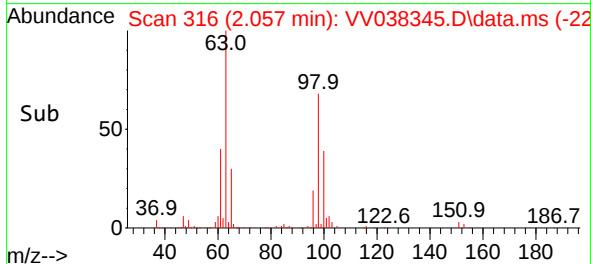
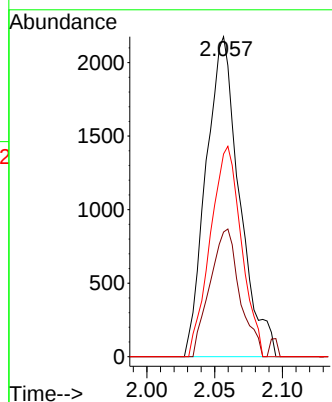
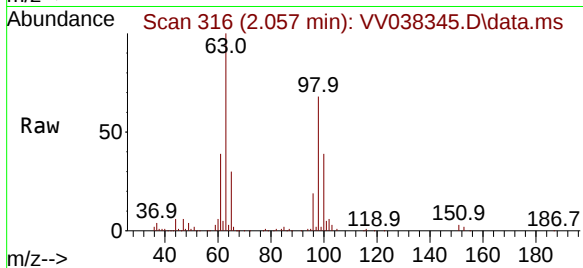




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.223 ug/L
 RT: 2.057 min Scan# 316
 Delta R.T. -0.006 min
 Lab File: VV038345.D
 Acq: 25 Nov 2024 15:39

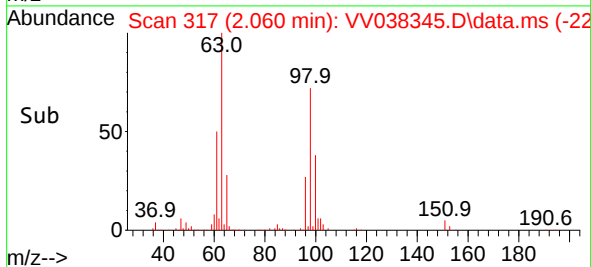
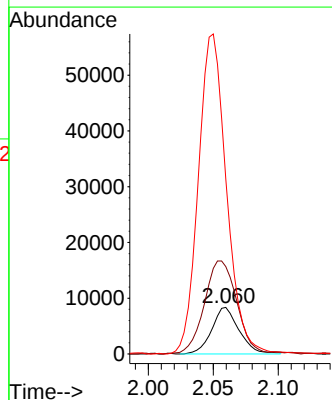
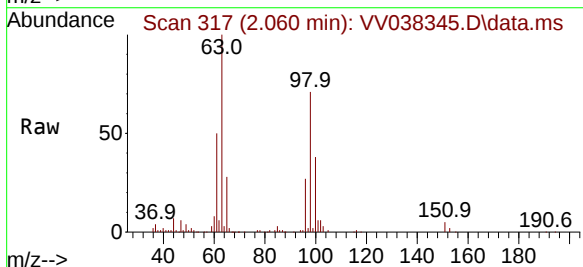
Instrument :
 MSVOA_V
 ClientSampleId :

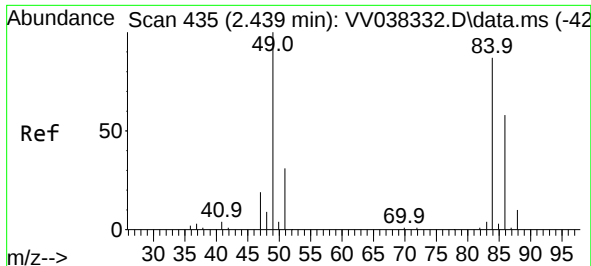
Tgt Ion:101 Resp: 3726
 Ion Ratio Lower Upper
 101 100
 85 35.7 33.4 50.0
 151 61.3 58.8 88.2



#12
 1,1-Dichloroethene
 Concen: 0.768 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.003 min
 Lab File: VV038345.D
 Acq: 25 Nov 2024 15:39

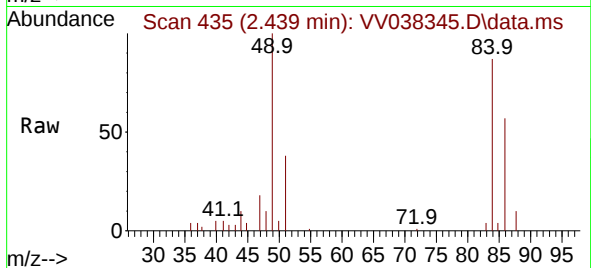
Tgt Ion: 96 Resp: 12212
 Ion Ratio Lower Upper
 96 100
 61 188.0 115.7 214.9
 63 376.0 101.1 187.7#





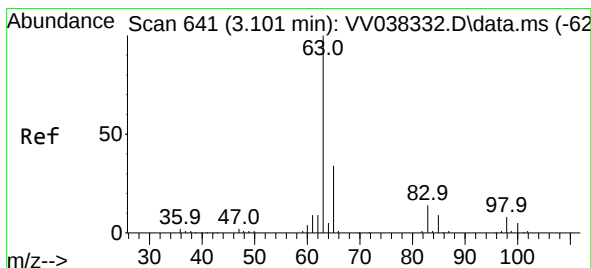
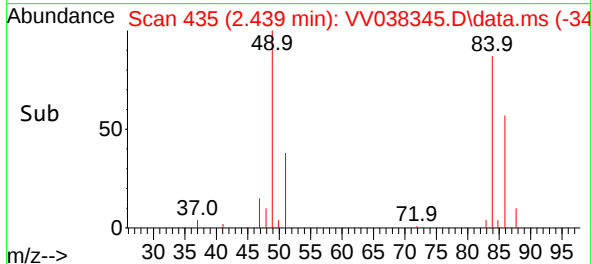
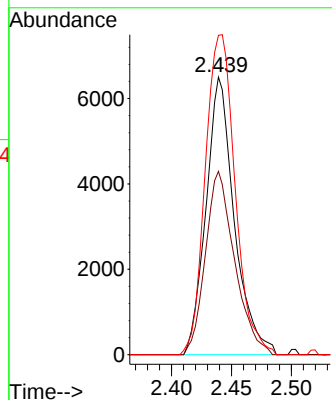
#16
Methylene chloride
Concen: 0.588 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV038345.D
Acq: 25 Nov 2024 15:39

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 10667

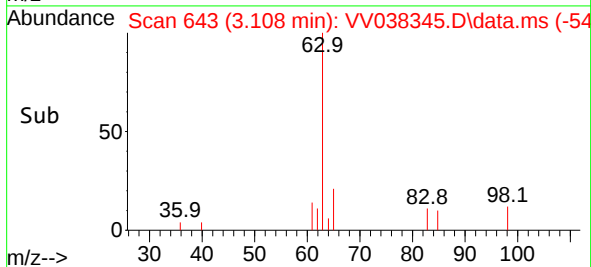
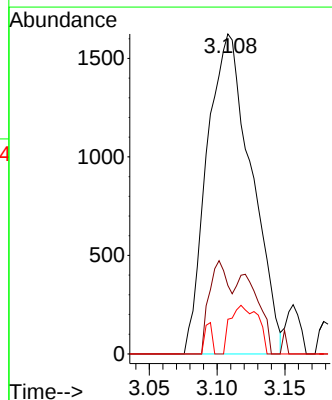
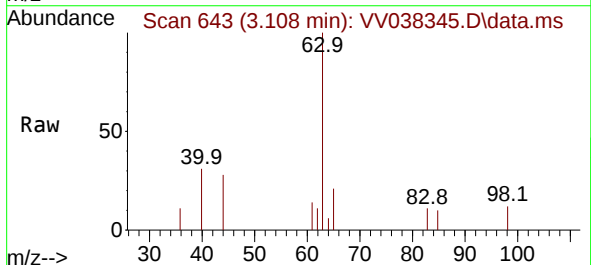
Ion	Ratio	Lower	Upper
84	100		
86	66.1	44.2	82.2
49	115.0	74.9	139.1

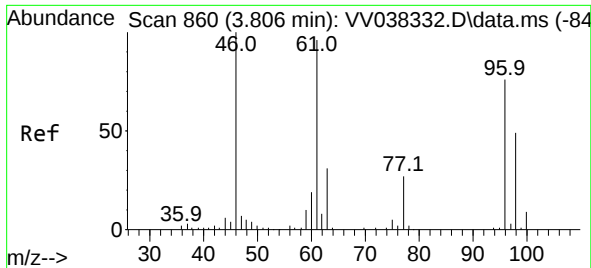


#19
1,1-Dichloroethane
Concen: 0.122 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.007 min
Lab File: VV038345.D
Acq: 25 Nov 2024 15:39

Tgt Ion: 63 Resp: 3697

Ion	Ratio	Lower	Upper
63	100		
65	21.4	22.5	41.7#
83	10.8	10.1	18.9

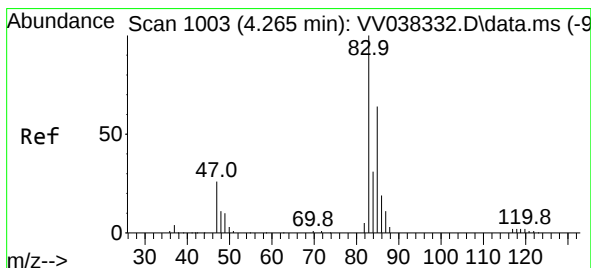
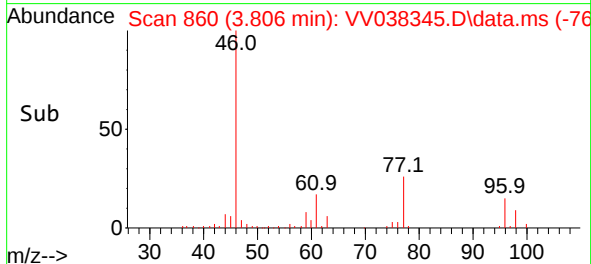
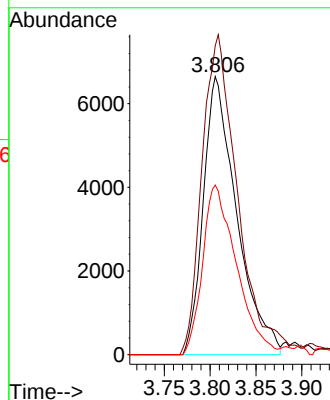
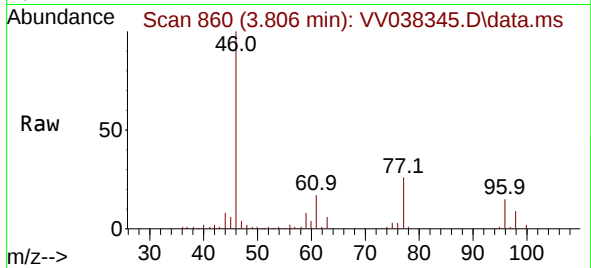




#22
 cis-1,2-Dichloroethene
 Concen: 0.972 ug/L
 RT: 3.806 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VV038345.D
 Acq: 25 Nov 2024 15:39

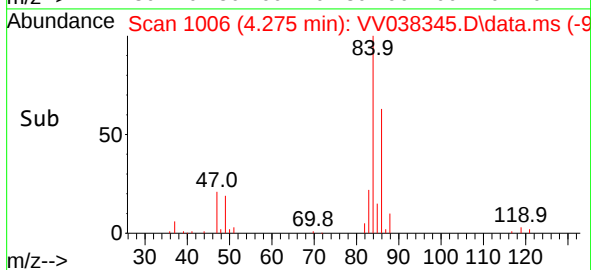
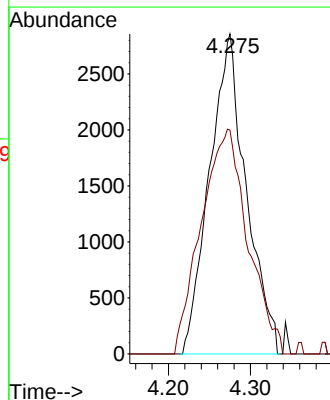
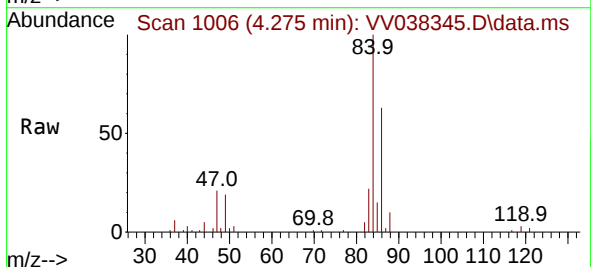
Instrument :
 MSVOA_V
 ClientSampleId :

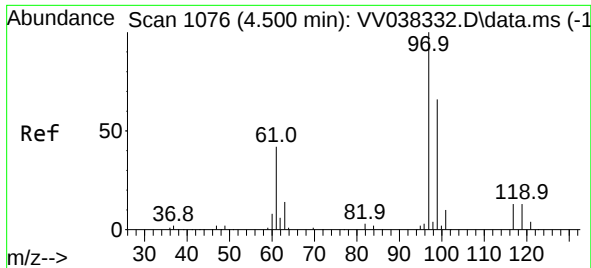
Tgt Ion: 96 Resp: 16839
 Ion Ratio Lower Upper
 96 100
 61 111.2 82.7 153.5
 98 61.0 46.3 85.9



#25
 Chloroform
 Concen: 0.273 ug/L
 RT: 4.275 min Scan# 1006
 Delta R.T. 0.010 min
 Lab File: VV038345.D
 Acq: 25 Nov 2024 15:39

Tgt Ion: 83 Resp: 8885
 Ion Ratio Lower Upper
 83 100
 85 69.9 46.5 86.3

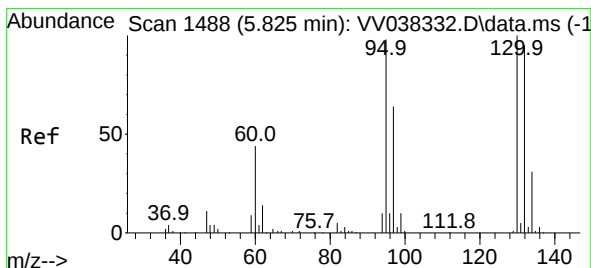
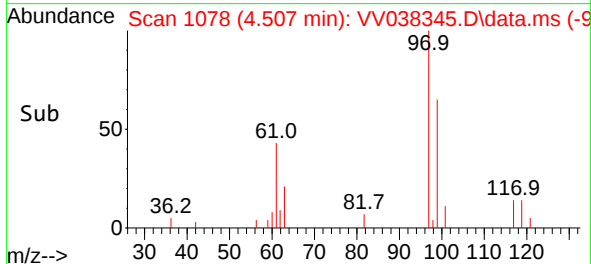
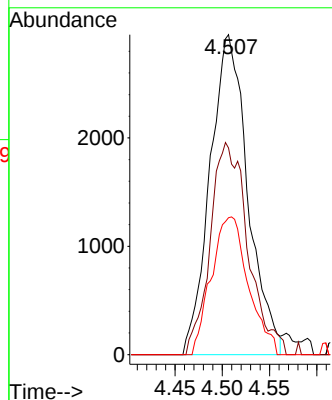
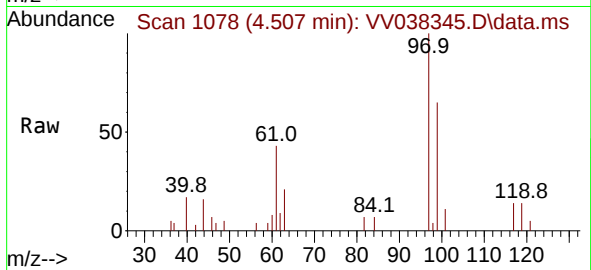




#29
1,1,1-Trichloroethane
Concen: 0.270 ug/L
RT: 4.507 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VV038345.D
Acq: 25 Nov 2024 15:39

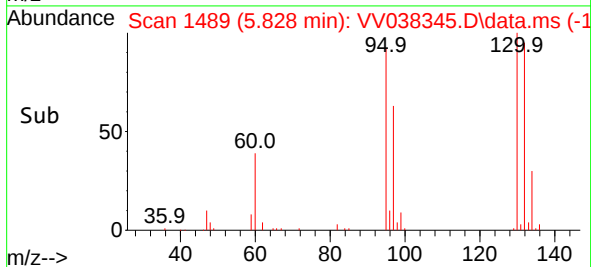
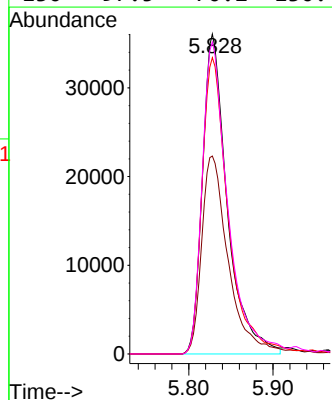
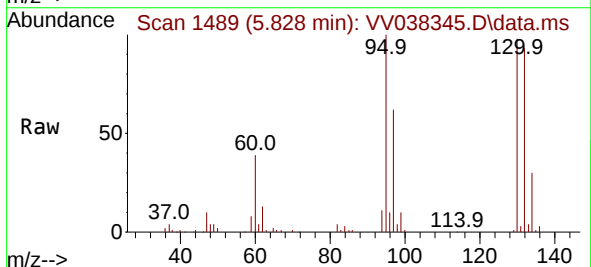
Instrument :
MSVOA_V
ClientSampleId :

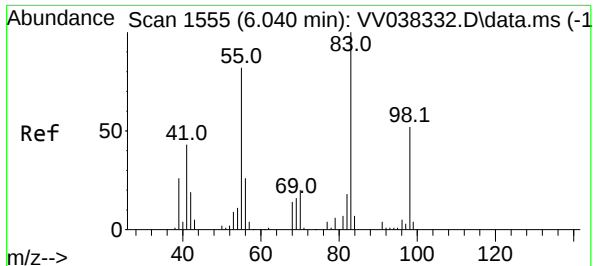
Tgt Ion: 97 Resp: 8205
Ion Ratio Lower Upper
97 100
99 66.3 51.8 77.8
61 42.3 32.2 48.2



#34
Trichloroethene
Concen: 3.804 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. 0.003 min
Lab File: VV038345.D
Acq: 25 Nov 2024 15:39

Tgt Ion: 95 Resp: 73813
Ion Ratio Lower Upper
95 100
97 61.8 44.8 83.2
132 92.6 68.3 126.8
130 97.5 70.2 130.4

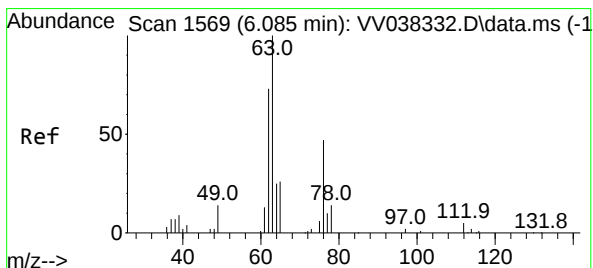
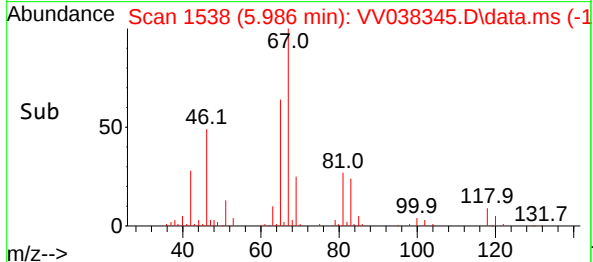
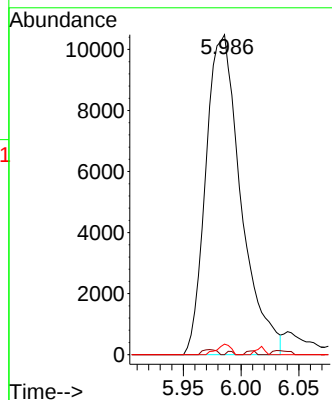
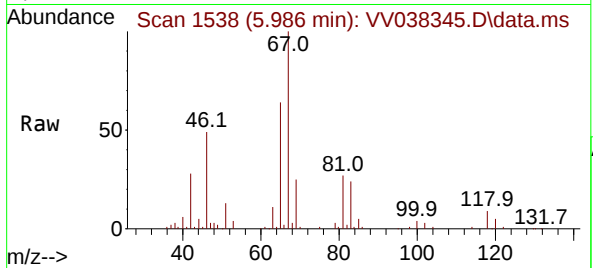




#35
Methylcyclohexane
Concen: 0.806 ug/L
RT: 5.986 min Scan# 1538
Delta R.T. -0.055 min
Lab File: VV038345.D
Acq: 25 Nov 2024 15:39

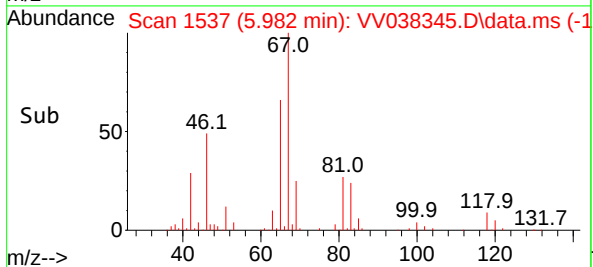
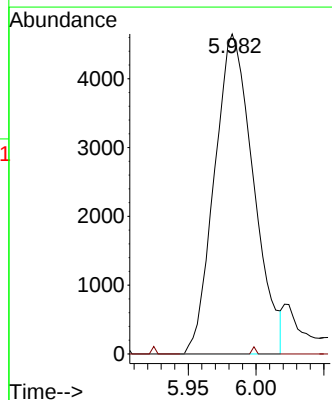
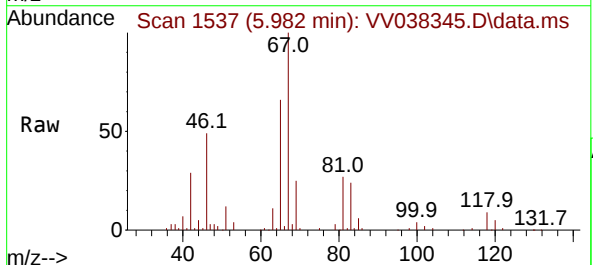
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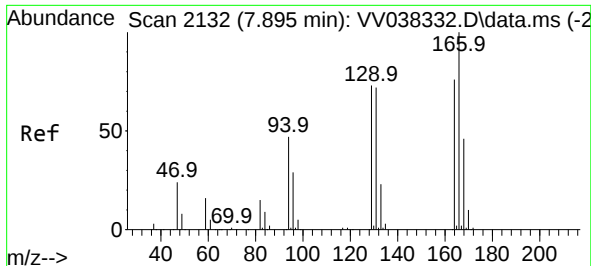
Tgt Ion: 83 Resp: 22120
Ion Ratio Lower Upper
83 100
55 0.2 59.7 89.5#
98 1.3 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.521 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.103 min
Lab File: VV038345.D
Acq: 25 Nov 2024 15:39

Tgt Ion: 63 Resp: 9282
Ion Ratio Lower Upper
63 100
112 0.2 3.9 5.9#





#47

Tetrachloroethene

Concen: 1.806 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.003 min

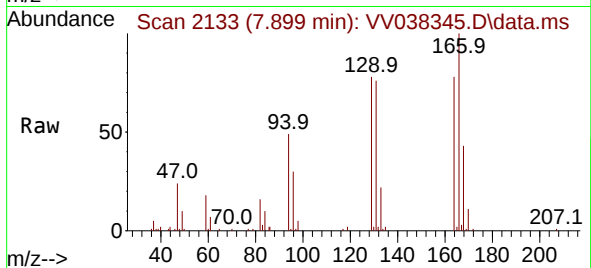
Lab File: VV038345.D

Acq: 25 Nov 2024 15:39

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 28161

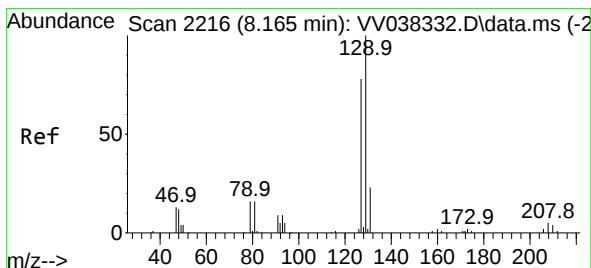
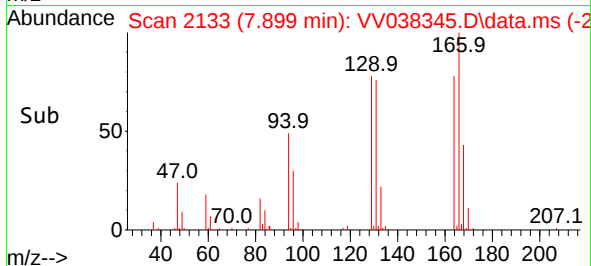
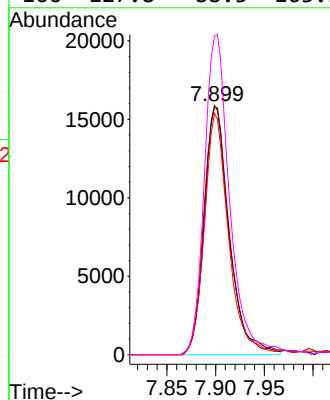
Ion Ratio Lower Upper

164 100

129 99.4 68.5 127.1

131 96.8 64.8 120.4

166 127.8 88.3 163.9



#49

Dibromochloromethane

Concen: 1.688 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. -0.267 min

Lab File: VV038345.D

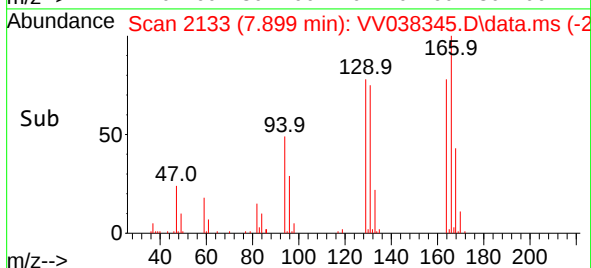
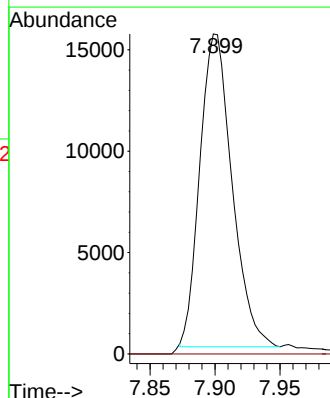
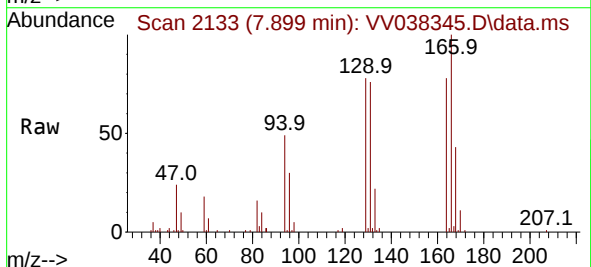
Acq: 25 Nov 2024 15:39

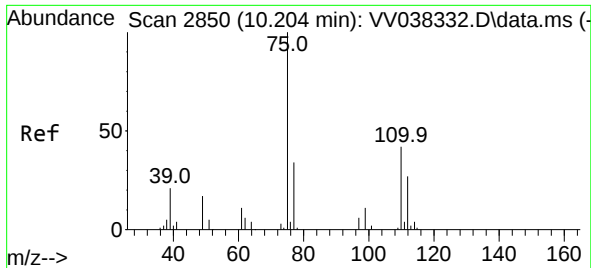
Tgt Ion:129 Resp: 26611

Ion Ratio Lower Upper

129 100

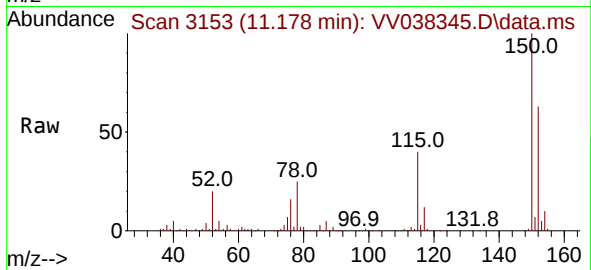
127 0.0 53.5 99.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.350 ug/L
 RT: 11.178 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV038345.D
 Acq: 25 Nov 2024 15:39

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 11543
 Ion Ratio Lower Upper
 75 100
 77 36.9 26.4 39.6
 110 1.7 32.3 48.5#

