

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012125\
 Data File : VV038486.D
 Acq On : 21 Jan 2025 16:15
 Operator : SY/MD
 Sample : Q1137-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 22 02:56:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 22 02:52:26 2025
 Response via : Initial Calibration

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

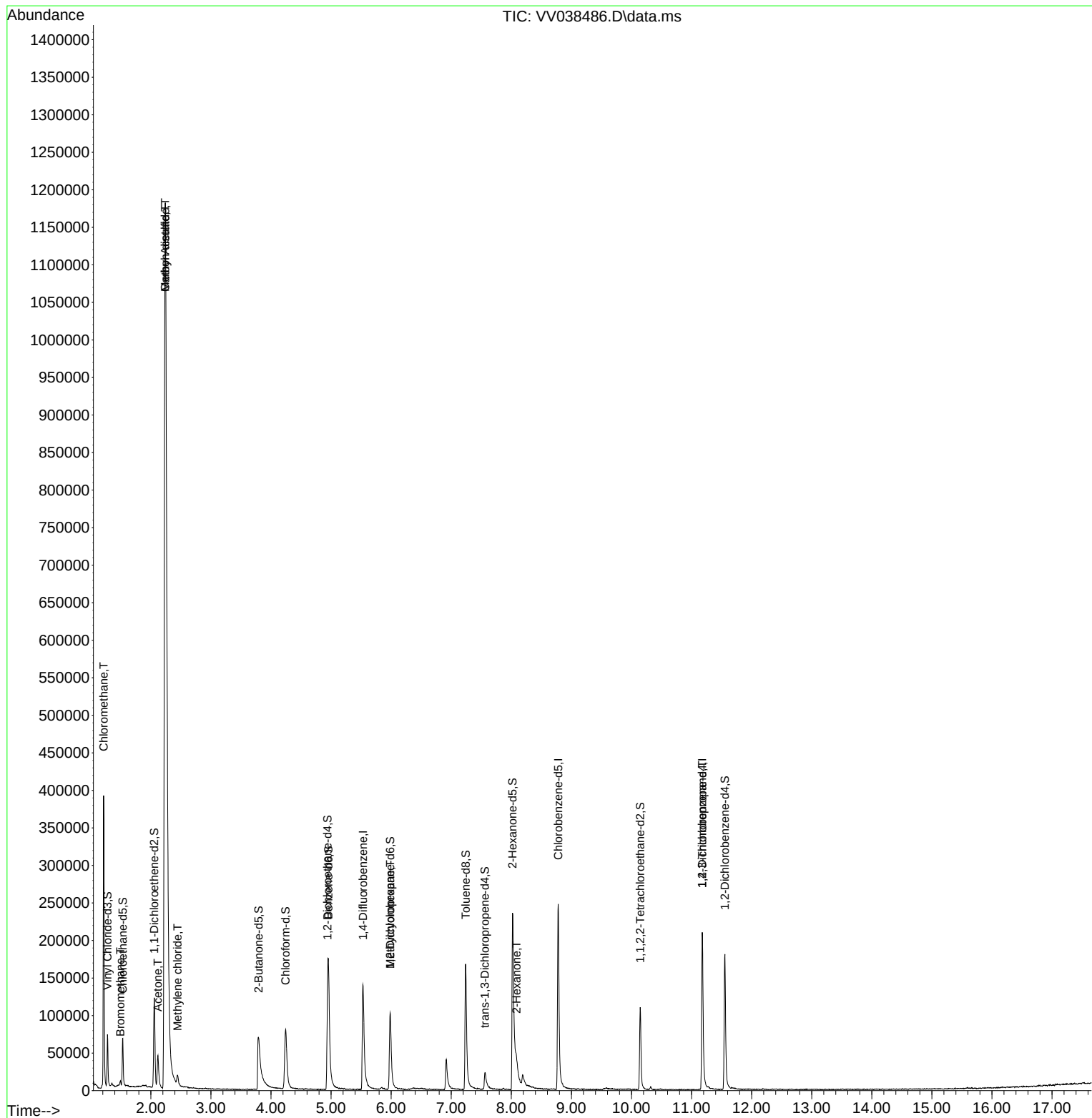
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	132051	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	150407	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	60421	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	44366	4.074	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.532	69	41780	4.569	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.056	65	20420	4.161	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	3.793	46	152348	66.517	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.040%#
24) Chloroform-d	4.243	84	91741	4.495	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	4.940	65	49367	5.278	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	4.957	84	167919	4.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	5.982	67	53995	4.288	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.239	98	126222	3.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.800%#
43) trans-1,3-Dichloroprop...	7.561	79	19205	4.170	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.021	63	92508	50.908	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.820%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	57155	5.726	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	49007	4.792	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						Qvalue
3) Chloromethane	1.214	50	247378	16.345	ug/L	97
6) Bromomethane	1.490	94	2473	0.323	ug/L	85
13) Acetone	2.117	43	49837	27.966	ug/L	97
14) Carbon disulfide	2.236	76	66345	1.804	ug/L	98
15) Methyl Acetate	2.240	43	466968	102.563	ug/L #	50
16) Methylene chloride	2.445	84	4962	0.409	ug/L	92
35) Methylcyclohexane	5.982	83	12226	0.646	ug/L #	20
48) 2-Hexanone	8.088	43	27837	6.024	ug/L #	83
61) 1,2,3-Trichloropropane	11.178	75	7588	1.307	ug/L #	62

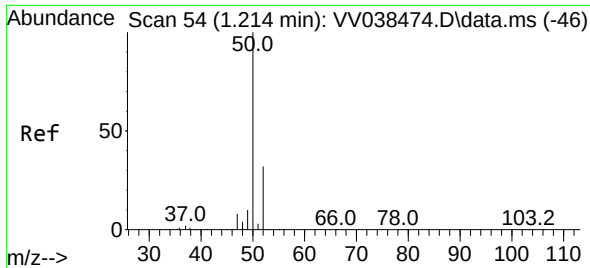
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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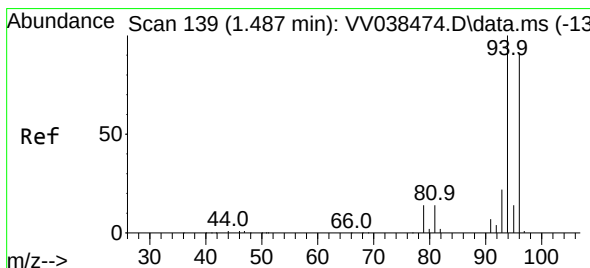
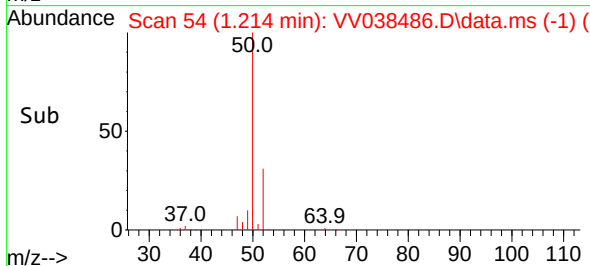
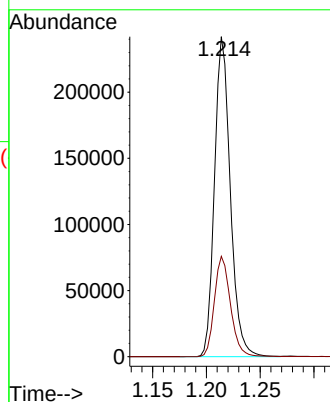
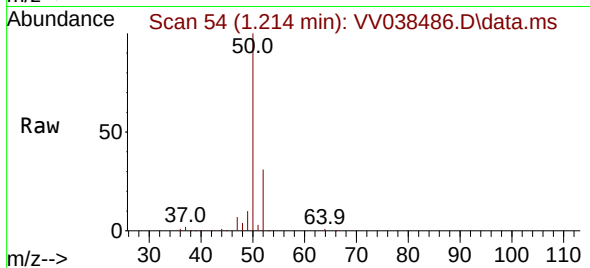




#3
Chloromethane
Concen: 16.345 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.000 min
Lab File: VV038486.D
Acq: 21 Jan 2025 16:15

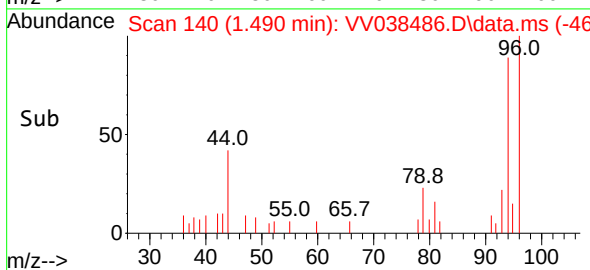
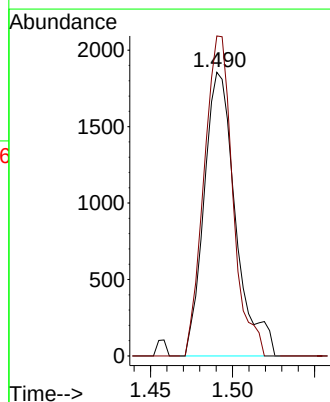
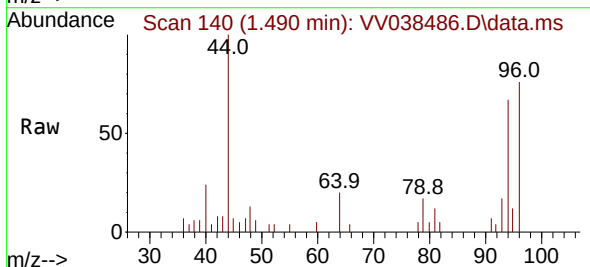
Instrument :
MSVOA_V
ClientSampleId :

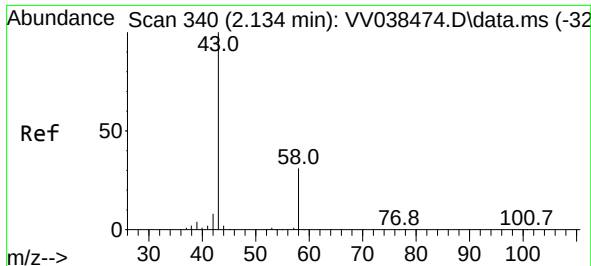
Tgt Ion: 50 Resp: 247378
Ion Ratio Lower Upper
50 100
52 31.4 23.0 42.6



#6
Bromomethane
Concen: 0.323 ug/L
RT: 1.490 min Scan# 140
Delta R.T. 0.003 min
Lab File: VV038486.D
Acq: 21 Jan 2025 16:15

Tgt Ion: 94 Resp: 2473
Ion Ratio Lower Upper
94 100
96 112.8 68.9 127.9





#13

Acetone

Concen: 27.966 ug/L

RT: 2.117 min Scan# 31

Delta R.T. -0.016 min

Lab File: VV038486.D

Acq: 21 Jan 2025 16:15

Instrument :

MSVOA_V

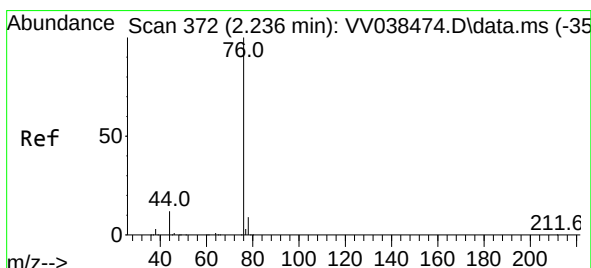
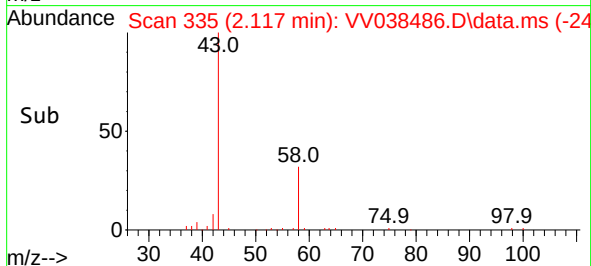
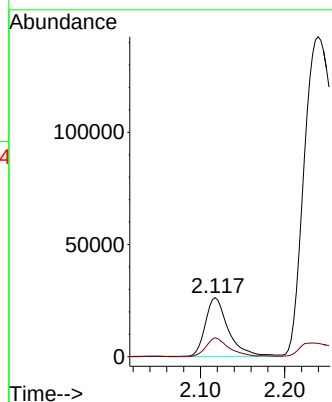
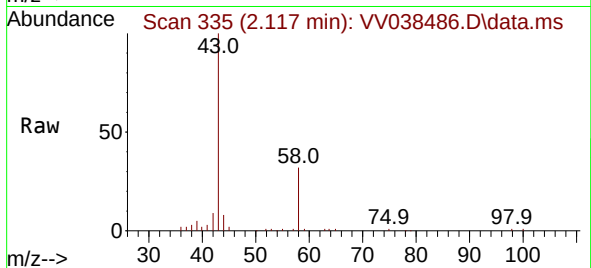
ClientSampleId :

Tgt Ion: 43 Resp: 49837

Ion Ratio Lower Upper

43 100

58 32.0 0.0 67.2



#14

Carbon disulfide

Concen: 1.804 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.000 min

Lab File: VV038486.D

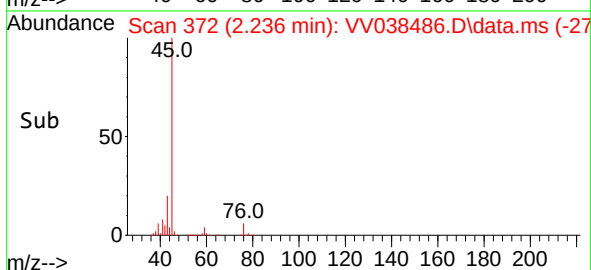
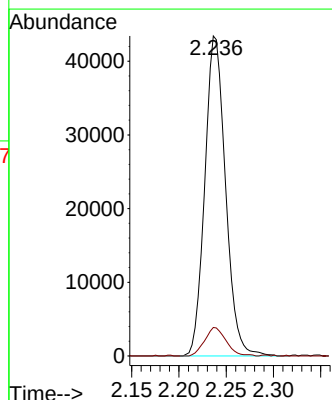
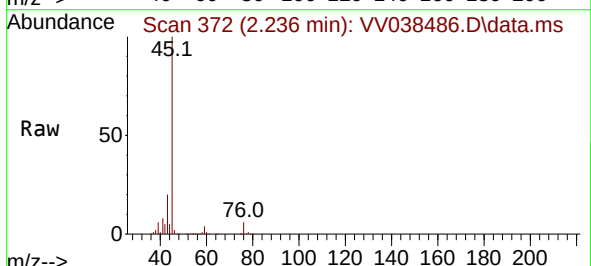
Acq: 21 Jan 2025 16:15

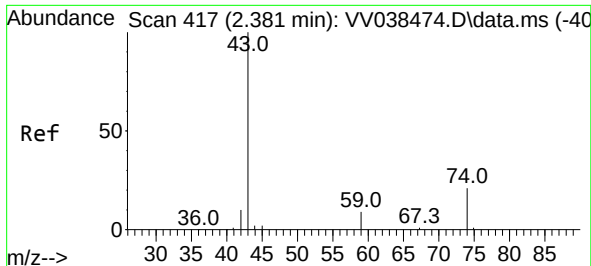
Tgt Ion: 76 Resp: 66345

Ion Ratio Lower Upper

76 100

78 8.9 7.6 11.4

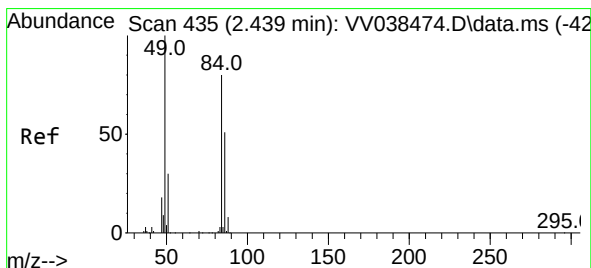
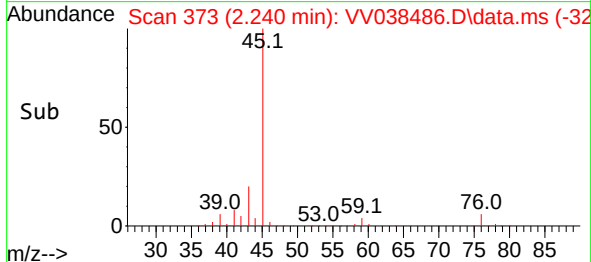
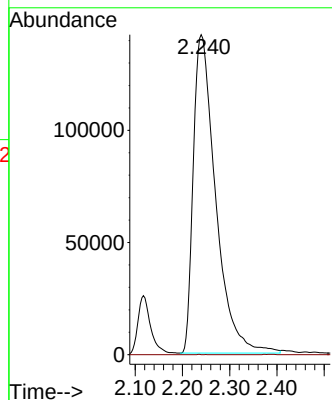
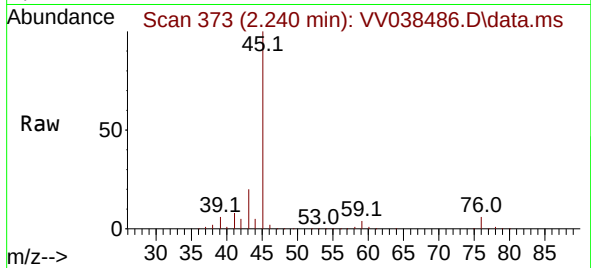




#15
Methyl Acetate
Concen: 102.563 ug/L
RT: 2.240 min Scan# 31
Delta R.T. -0.142 min
Lab File: VV038486.D
Acq: 21 Jan 2025 16:15

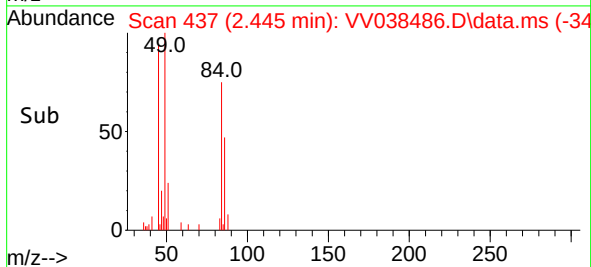
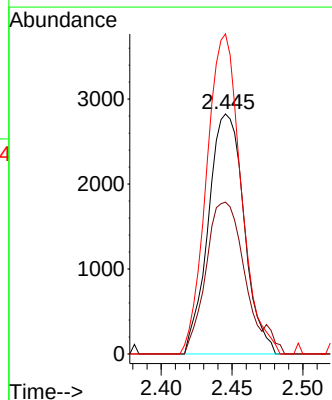
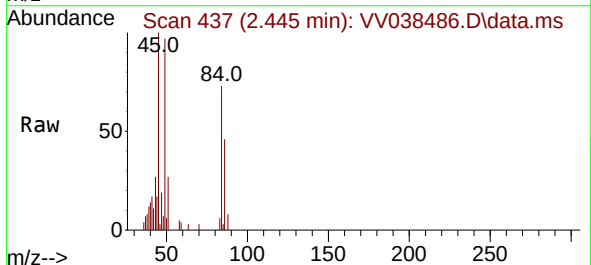
Instrument :
MSVOA_V
ClientSampleId :

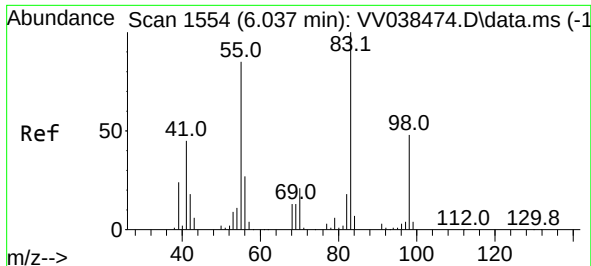
Tgt Ion: 43 Resp: 466968
Ion Ratio Lower Upper
43 100
74 0.0 20.4 30.6#



#16
Methylene chloride
Concen: 0.409 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.006 min
Lab File: VV038486.D
Acq: 21 Jan 2025 16:15

Tgt Ion: 84 Resp: 4962
Ion Ratio Lower Upper
84 100
86 63.3 44.7 82.9
49 133.3 84.1 156.1





#35

Methylcyclohexane

Concen: 0.646 ug/L

RT: 5.982 min Scan# 11

Delta R.T. -0.055 min

Lab File: VV038486.D

Acq: 21 Jan 2025 16:15

Instrument :

MSVOA_V

ClientSampleId :

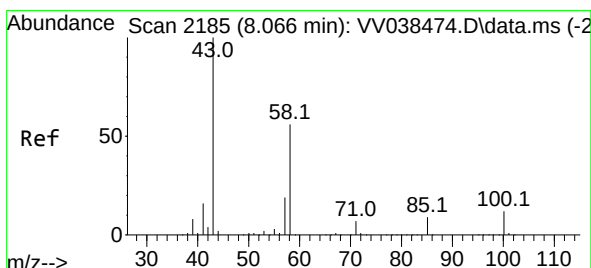
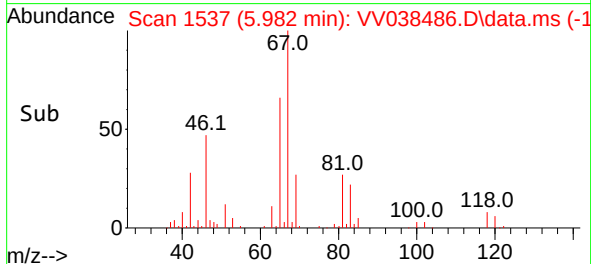
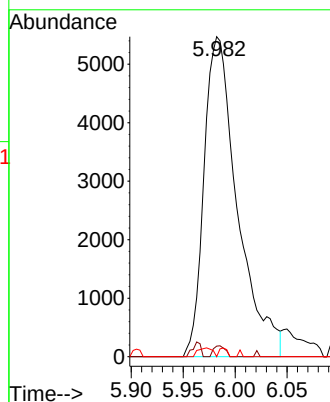
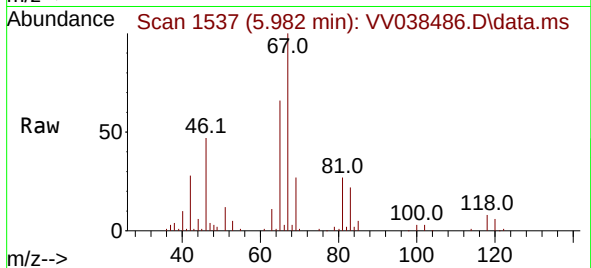
Tgt Ion: 83 Resp: 12226

Ion Ratio Lower Upper

83 100

55 1.2 59.4 89.0#

98 0.6 37.8 56.8#



#48

2-Hexanone

Concen: 6.024 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. 0.022 min

Lab File: VV038486.D

Acq: 21 Jan 2025 16:15

Tgt Ion: 43 Resp: 27837

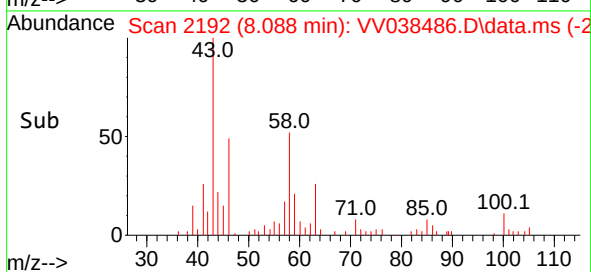
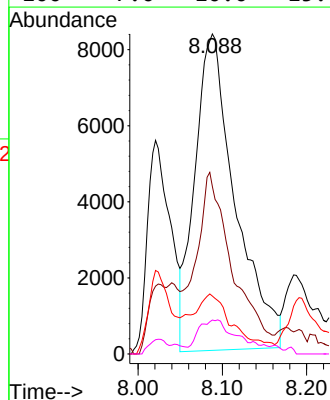
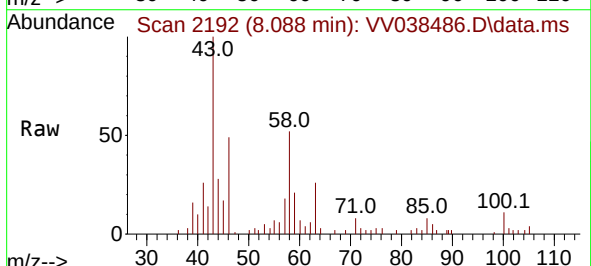
Ion Ratio Lower Upper

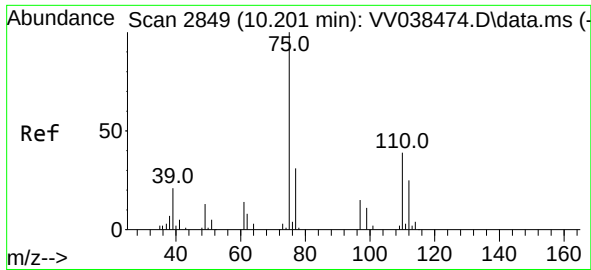
43 100

58 39.7 43.6 65.4#

57 15.4 15.0 22.4

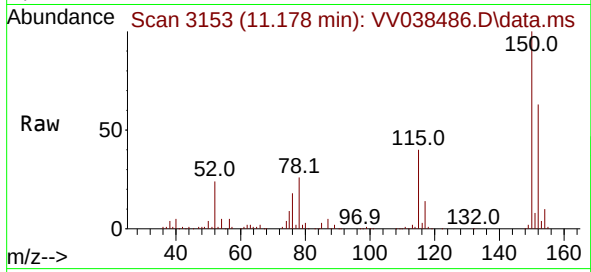
100 7.0 10.0 15.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.307 ug/L
 RT: 11.178 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV038486.D
 Acq: 21 Jan 2025 16:15

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 7588
 Ion Ratio Lower Upper
 75 100
 77 35.1 25.4 38.0
 110 1.1 32.6 48.8#

