

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091924\
 Data File : VV037383.D
 Acq On : 19 Sep 2024 15:26
 Operator : SY/MD
 Sample : P3986-04 40X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 20 01:58:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 01:54:17 2024
 Response via : Initial Calibration

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

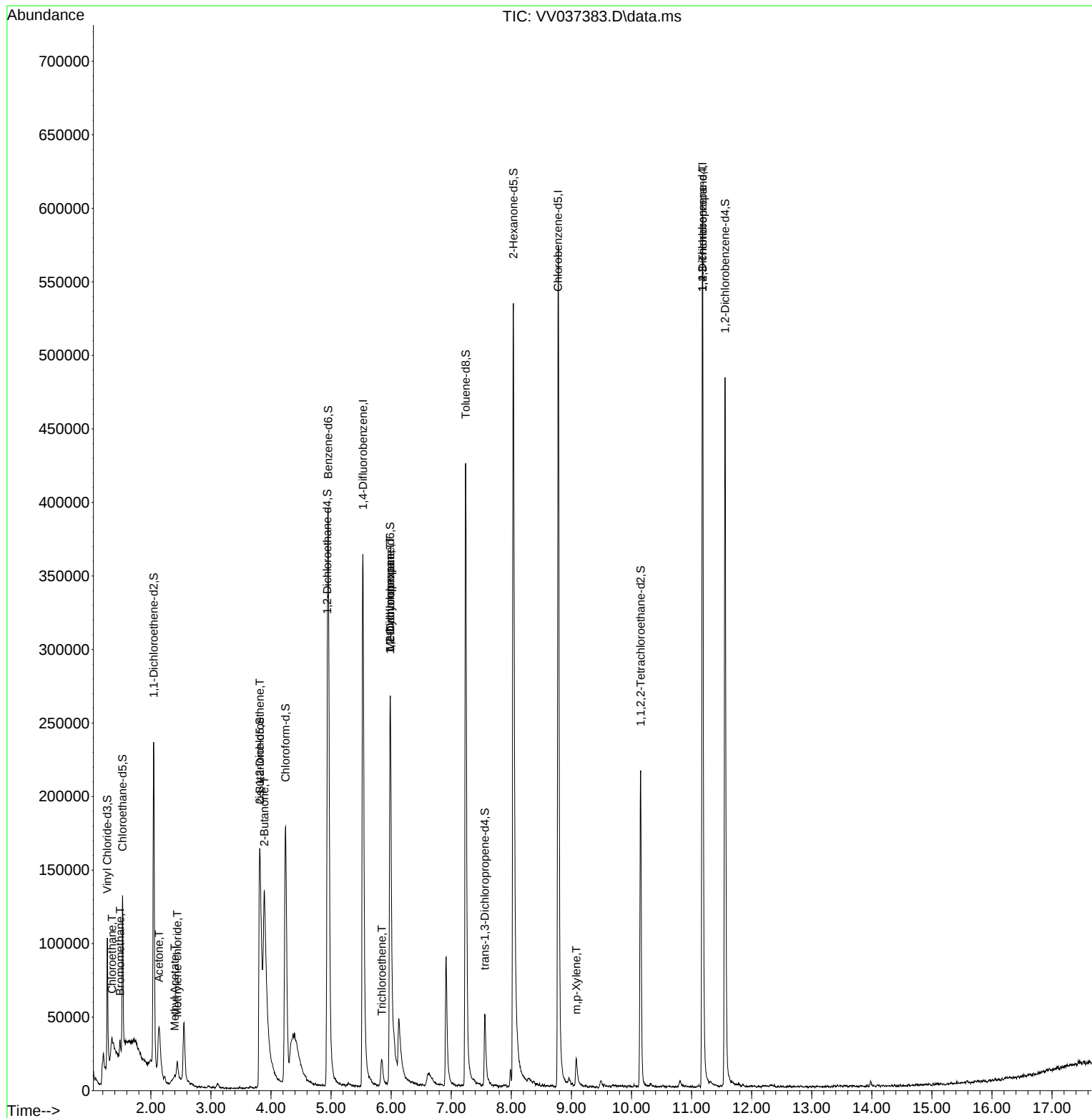
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	336641	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	349494	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	161046	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	62798	3.180	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.600%
7) Chloroethane-d5	1.529	69	73718	3.580	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.600%
11) 1,1-Dichloroethene-d2	2.047	65	35298	3.461	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.200%
20) 2-Butanone-d5	3.812	46	286533	48.546	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.100%
24) Chloroform-d	4.243	84	201162	4.195	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
26) 1,2-Dichloroethane-d4	4.937	65	97377	4.337	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
32) Benzene-d6	4.953	84	373365	3.984	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
36) 1,2-Dichloropropane-d6	5.982	67	127861	4.388	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.239	98	312849	3.705	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.200%
43) trans-1,3-Dichloroprop...	7.558	79	33059	3.449	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.000%
46) 2-Hexanone-d5	8.034	63	227504	48.578	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.160%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	113576	4.782	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	11.557	152	128944	4.504	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						Qvalue
6) Bromomethane	1.487	94	5200	0.264	ug/L	92
8) Chloroethane	1.355	64	76306	3.870	ug/L #	53
13) Acetone	2.137	43	59723	14.532	ug/L	98
15) Methyl Acetate	2.397	43	4003	0.425	ug/L #	75
16) Methylene chloride	2.439	84	4511	0.166	ug/L	89
21) 2-Butanone	3.889	43	296542	47.476	ug/L	100
22) cis-1,2-Dichloroethene	3.812	96	18336	0.683	ug/L	91
34) Trichloroethene	5.844	95	6646	0.234	ug/L	97
35) Methylcyclohexane	5.985	83	30374	0.704	ug/L #	23
37) 1,2-Dichloropropane	5.985	63	13174	0.492	ug/L #	88
53) m,p-Xylene	9.082	106	6761	0.150	ug/L	74
61) 1,2,3-Trichloropropane	11.185	75	21113	1.441	ug/L #	68

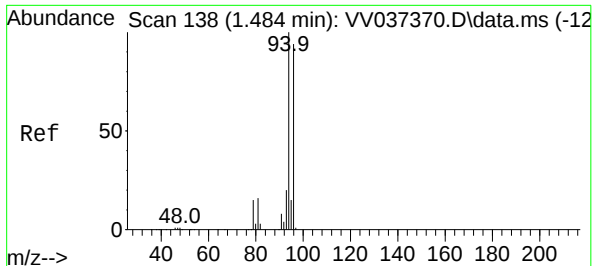
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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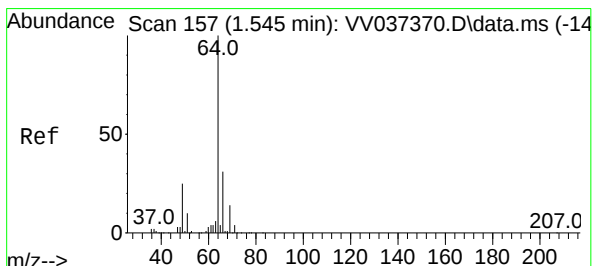
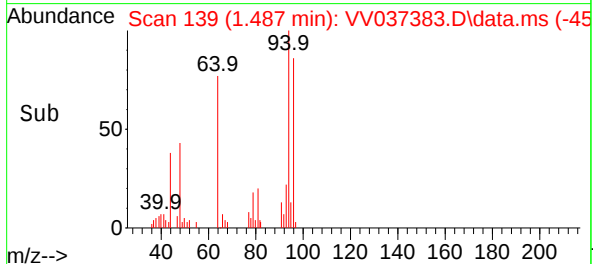
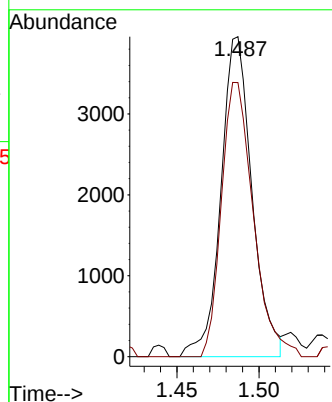
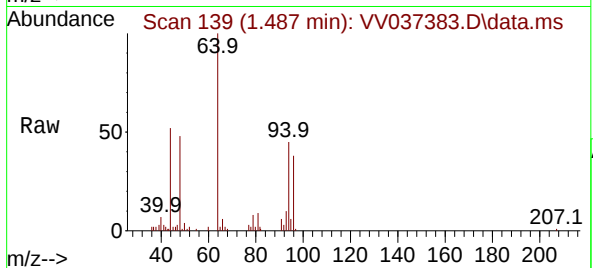




#6
Bromomethane
Concen: 0.264 ug/L
RT: 1.487 min Scan# 14
Delta R.T. 0.003 min
Lab File: VV037383.D
Acq: 19 Sep 2024 15:26

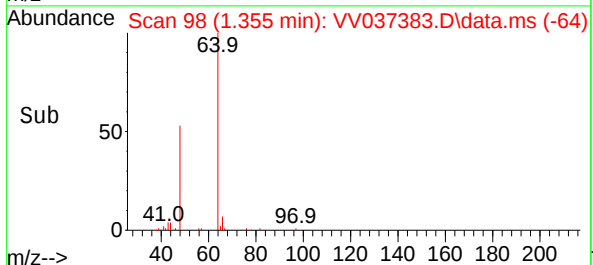
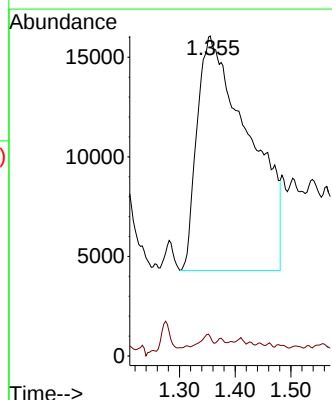
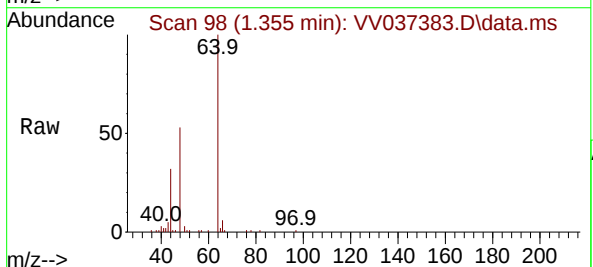
Instrument :
MSVOA_V
ClientSampleId :

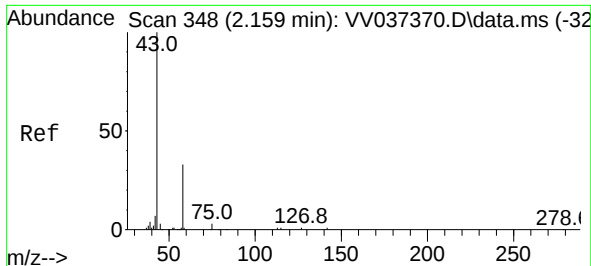
Tgt Ion: 94 Resp: 5200
Ion Ratio Lower Upper
94 100
96 85.7 65.3 121.3



#8
Chloroethane
Concen: 3.870 ug/L
RT: 1.355 min Scan# 98
Delta R.T. -0.190 min
Lab File: VV037383.D
Acq: 19 Sep 2024 15:26

Tgt Ion: 64 Resp: 76306
Ion Ratio Lower Upper
64 100
66 5.9 22.7 42.1#

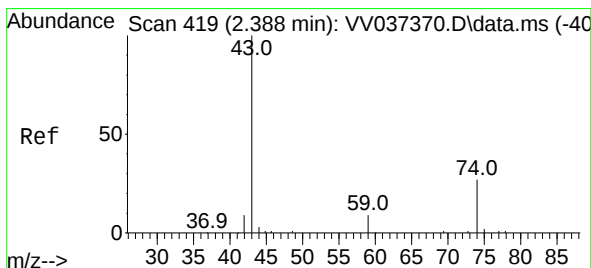
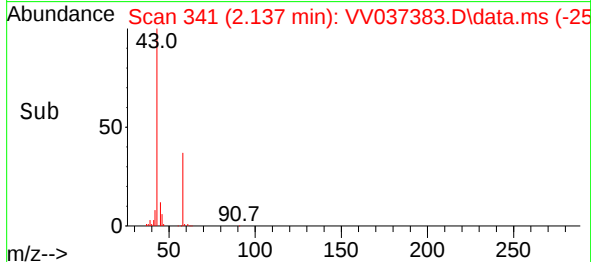
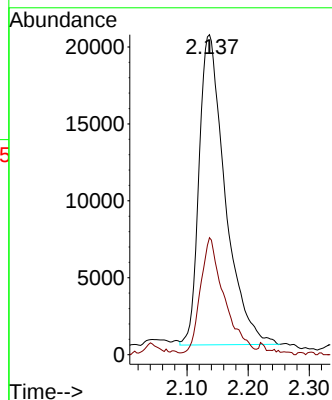
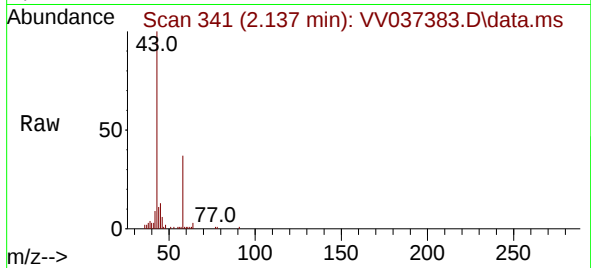




#13
Acetone
Concen: 14.532 ug/L
RT: 2.137 min Scan# 341
Delta R.T. -0.023 min
Lab File: VV037383.D
Acq: 19 Sep 2024 15:26

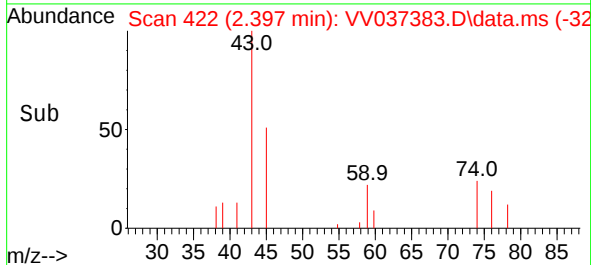
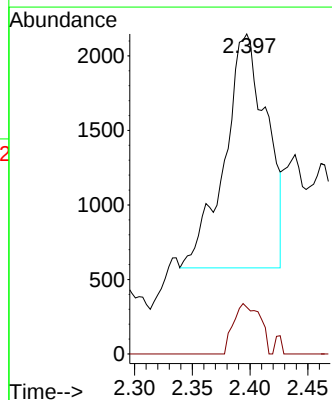
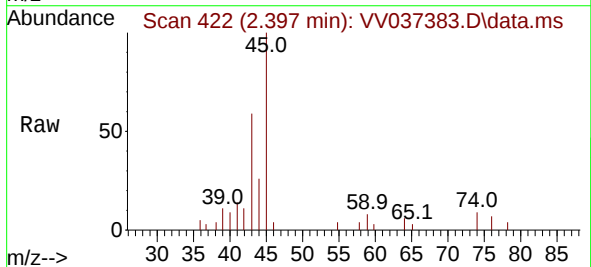
Instrument :
MSVOA_V
ClientSampleId :

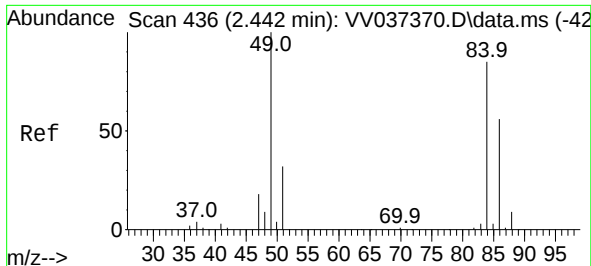
Tgt Ion: 43 Resp: 59723
Ion Ratio Lower Upper
43 100
58 33.7 0.0 69.2



#15
Methyl Acetate
Concen: 0.425 ug/L
RT: 2.397 min Scan# 422
Delta R.T. 0.009 min
Lab File: VV037383.D
Acq: 19 Sep 2024 15:26

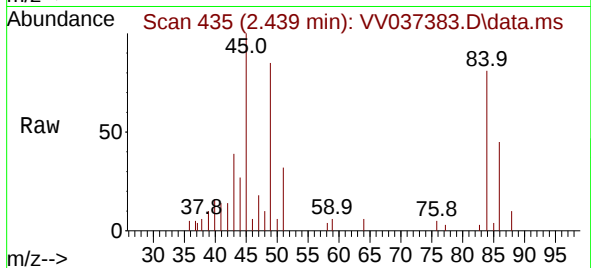
Tgt Ion: 43 Resp: 4003
Ion Ratio Lower Upper
43 100
74 13.5 21.0 31.4#



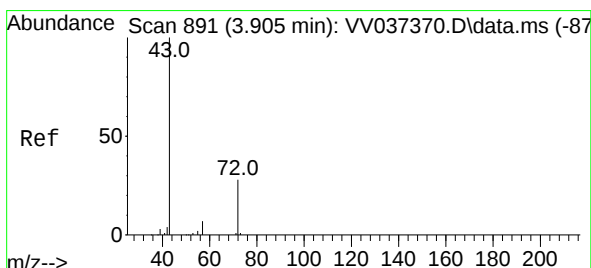
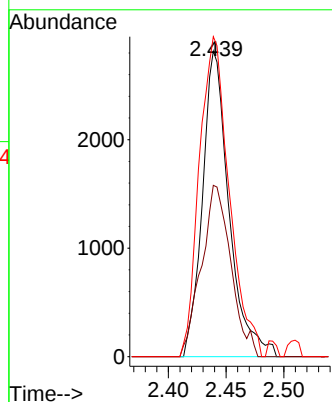
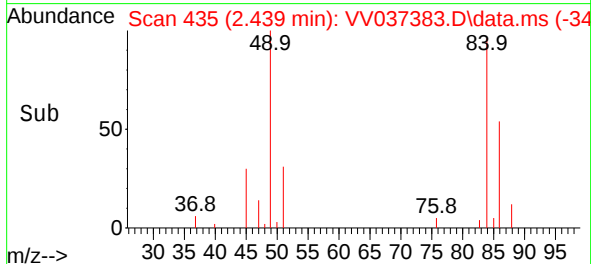


#16
Methylene chloride
Concen: 0.166 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV037383.D
Acq: 19 Sep 2024 15:26

Instrument :
MSVOA_V
ClientSampleId :

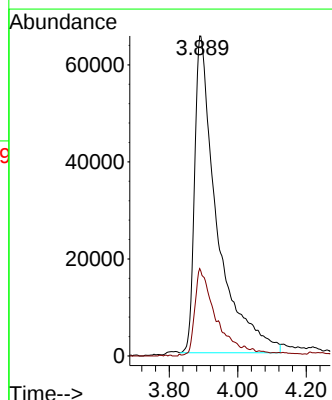
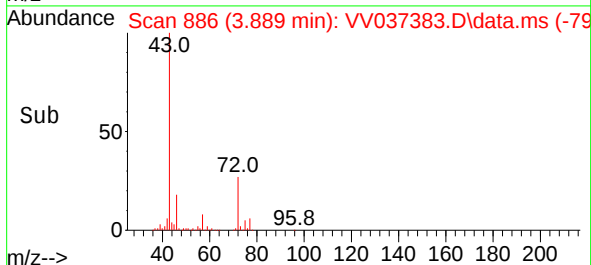
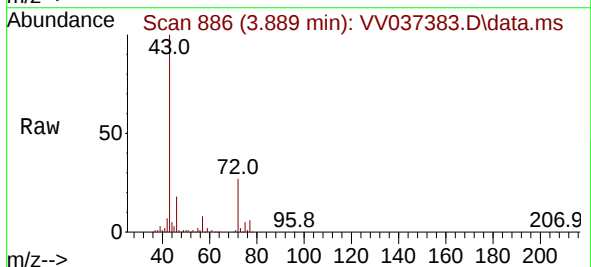


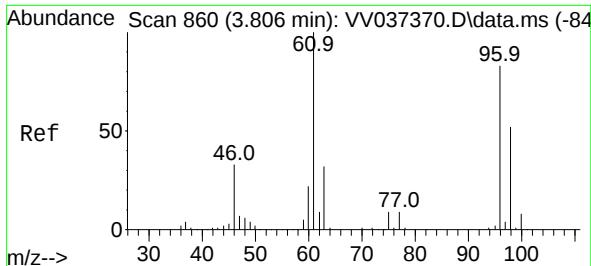
Tgt Ion: 84 Resp: 4511
Ion Ratio Lower Upper
84 100
86 56.1 44.0 81.8
49 104.7 83.0 154.1



#21
2-Butanone
Concen: 47.476 ug/L
RT: 3.889 min Scan# 886
Delta R.T. -0.016 min
Lab File: VV037383.D
Acq: 19 Sep 2024 15:26

Tgt Ion: 43 Resp: 296542
Ion Ratio Lower Upper
43 100
72 24.2 12.2 36.6

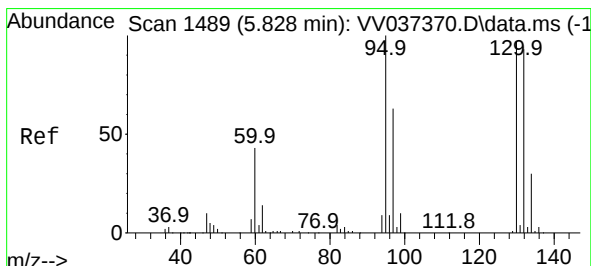
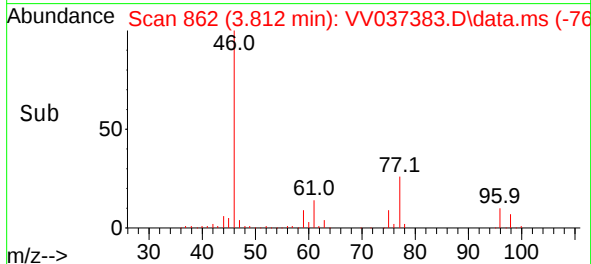
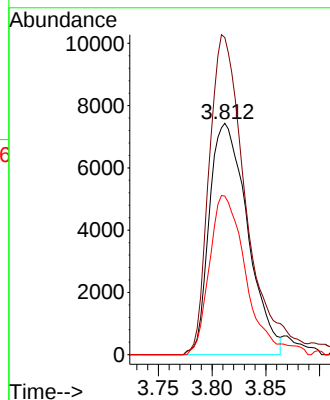
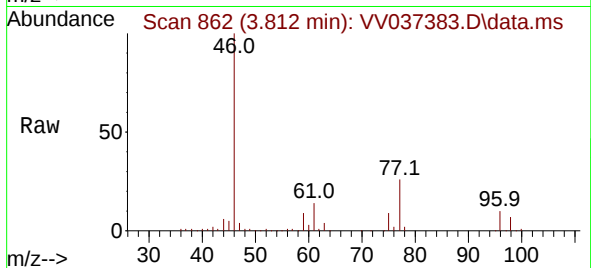




#22
 cis-1,2-Dichloroethene
 Concen: 0.683 ug/L
 RT: 3.812 min Scan# 862
 Delta R.T. 0.006 min
 Lab File: VV037383.D
 Acq: 19 Sep 2024 15:26

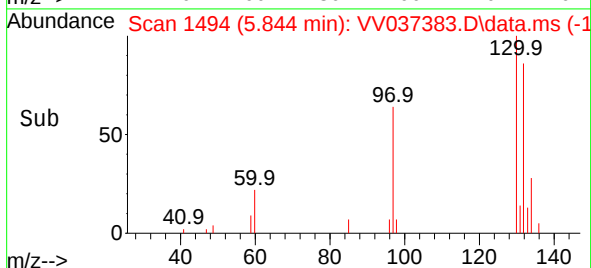
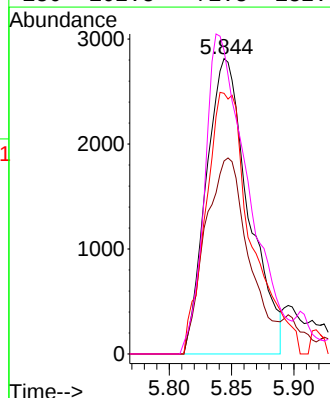
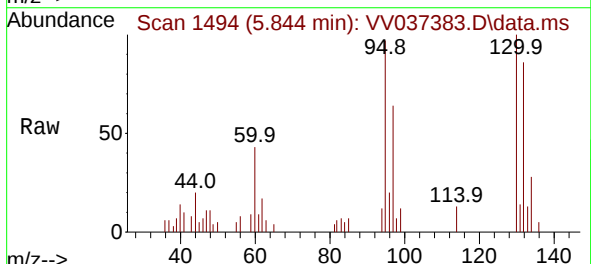
Instrument :
 MSVOA_V
 ClientSampleId :

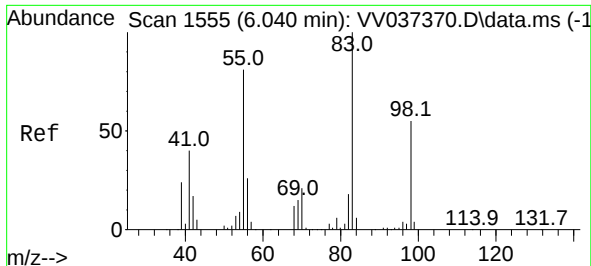
Tgt Ion: 96 Resp: 18336
 Ion Ratio Lower Upper
 96 100
 61 137.1 87.6 162.6
 98 68.5 44.9 83.5



#34
 Trichloroethene
 Concen: 0.234 ug/L
 RT: 5.844 min Scan# 1494
 Delta R.T. 0.016 min
 Lab File: VV037383.D
 Acq: 19 Sep 2024 15:26

Tgt Ion: 95 Resp: 6646
 Ion Ratio Lower Upper
 95 100
 97 65.4 46.5 86.5
 132 88.2 65.5 121.7
 130 102.8 71.3 132.3





#35

Methylcyclohexane

Concen: 0.704 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.055 min

Lab File: VV037383.D

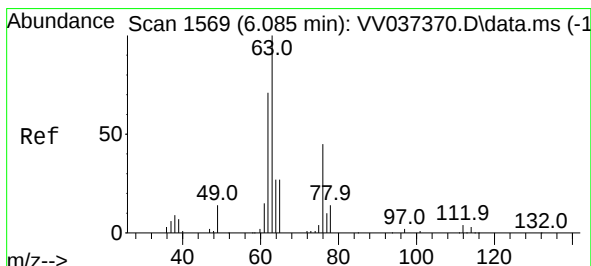
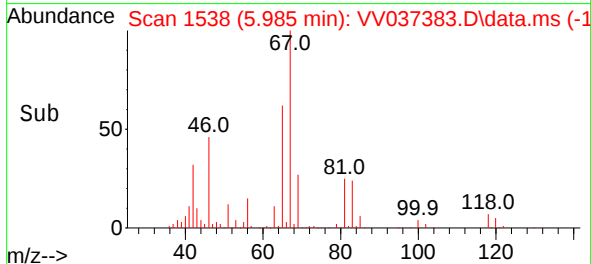
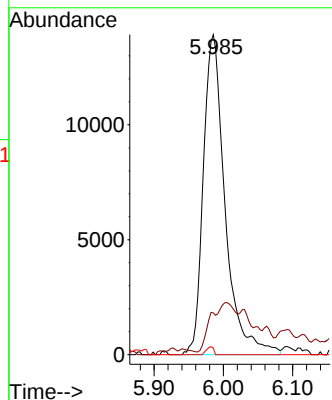
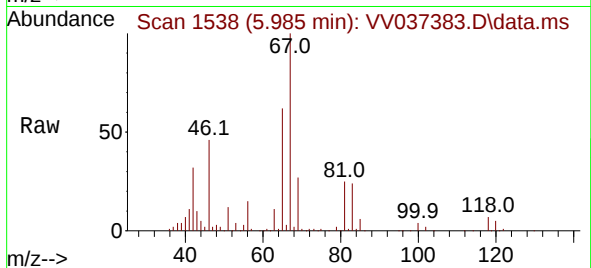
Acq: 19 Sep 2024 15:26

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	30374
Ion	Ratio	Lower	Upper
83	100		
55	5.3	60.3	90.5#
98	0.8	38.2	57.4#



#37

1,2-Dichloropropane

Concen: 0.492 ug/L

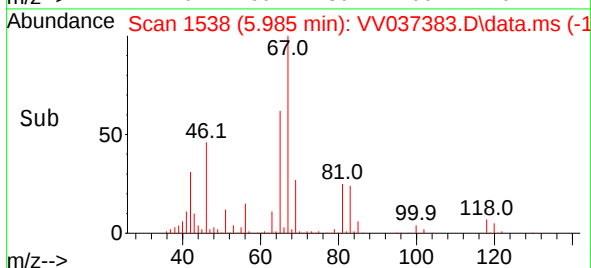
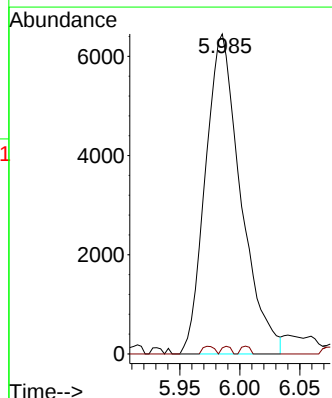
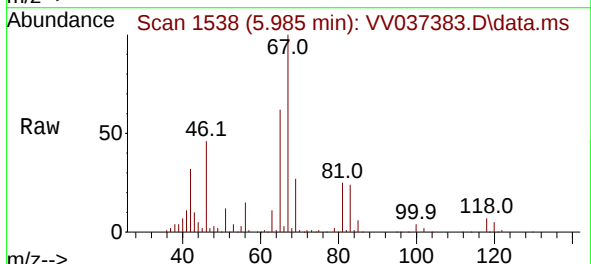
RT: 5.985 min Scan# 1538

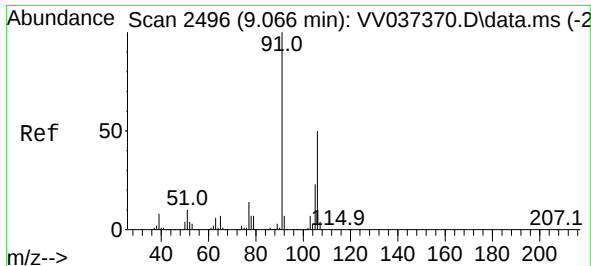
Delta R.T. -0.100 min

Lab File: VV037383.D

Acq: 19 Sep 2024 15:26

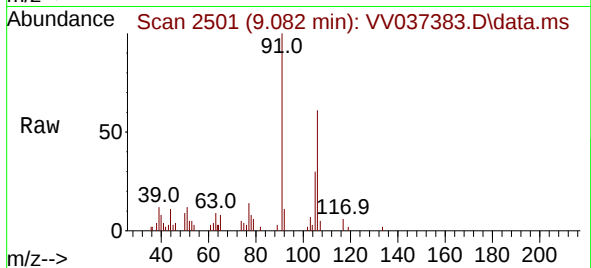
Tgt Ion:	63	Resp:	13174
Ion	Ratio	Lower	Upper
63	100		
112	0.6	3.7	5.5#



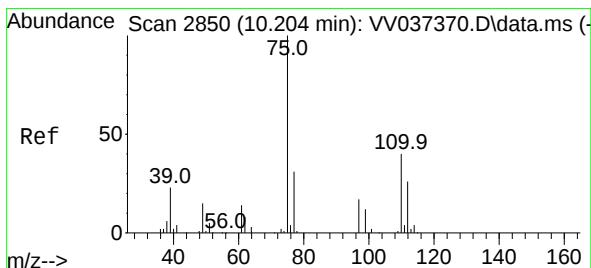
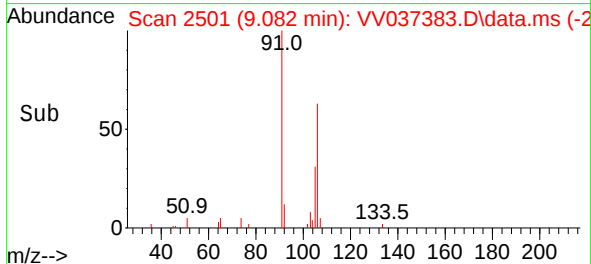
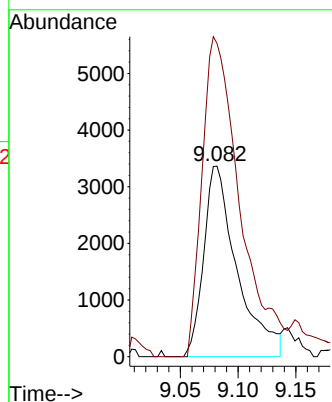


#53
m,p-Xylene
Concen: 0.150 ug/L
RT: 9.082 min Scan# 2496
Delta R.T. 0.016 min
Lab File: VV037383.D
Acq: 19 Sep 2024 15:26

Instrument :
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Tgt Ion:106 Resp: 6761
Ion Ratio Lower Upper
106 100
91 164.4 143.3 266.1



#61
1,2,3-Trichloropropane
Concen: 1.441 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.980 min
Lab File: VV037383.D
Acq: 19 Sep 2024 15:26

Tgt Ion: 75 Resp: 21113
Ion Ratio Lower Upper
75 100
77 32.4 25.6 38.4
110 3.0 31.0 46.4#

