

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091924\
 Data File : VV037392.D
 Acq On : 19 Sep 2024 19:03
 Operator : SY/MD
 Sample : P3988-08 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 20 02:01:01 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)

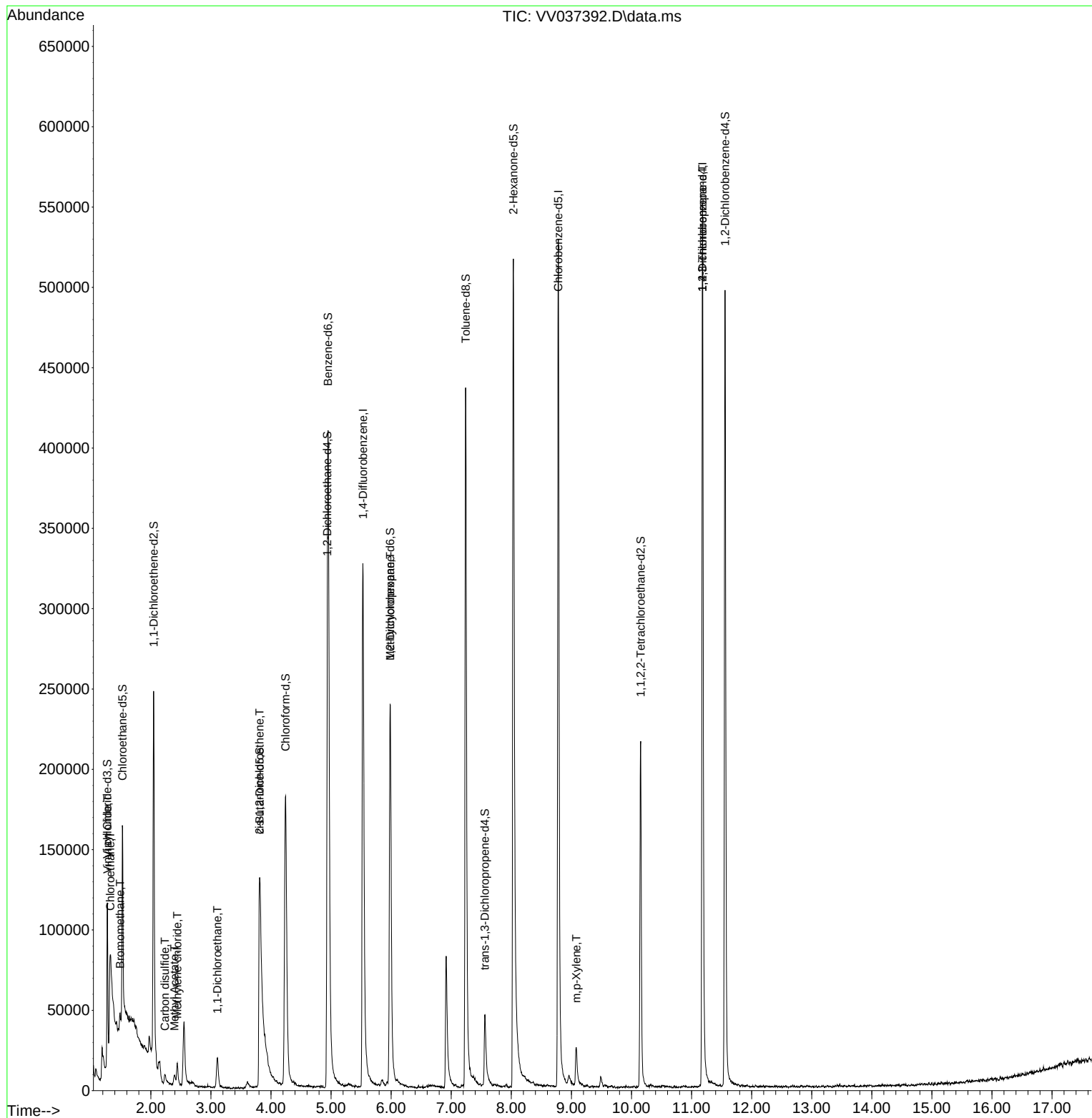
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	299666	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	316700	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	146561	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	66595	3.788	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.526	69	81917	4.469	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.047	65	38420	4.232	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.600%
20) 2-Butanone-d5	3.809	46	267632	50.938	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.880%
24) Chloroform-d	4.243	84	205826	4.822	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	4.937	65	102798	5.143	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	4.950	84	378653	4.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	5.982	67	129646	4.910	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.239	98	312013	4.078	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	7.561	79	35228	4.056	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.034	63	216532	51.023	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.040%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	113373	5.268	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	11.558	152	129627	4.975	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.278	62	11565	0.396	ug/L #	32
6) Bromomethane	1.487	94	3801	0.217	ug/L	100
8) Chloroethane	1.327	64	210804	12.009	ug/L #	51
14) Carbon disulfide	2.233	76	12679	0.191	ug/L #	91
15) Methyl Acetate	2.391	43	11039	1.317	ug/L	94
16) Methylene chloride	2.439	84	5358	0.222	ug/L	97
19) 1,1-Dichloroethane	3.108	63	19760	0.468	ug/L	90
22) cis-1,2-Dichloroethene	3.809	96	11366	0.476	ug/L	98
35) Methylcyclohexane	5.986	83	30736	0.786	ug/L #	19
53) m,p-Xylene	9.082	106	8500	0.209	ug/L	80
61) 1,2,3-Trichloropropane	11.181	75	17695	1.327	ug/L #	67

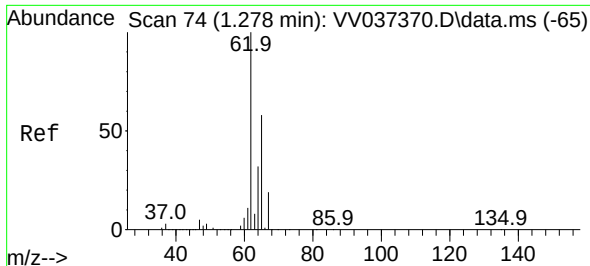
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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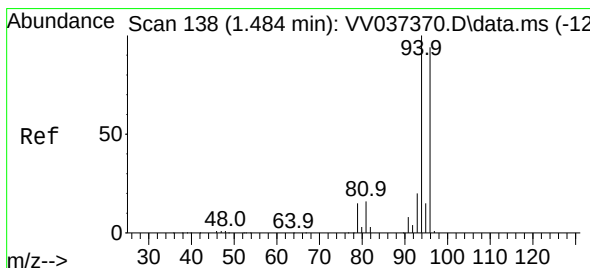
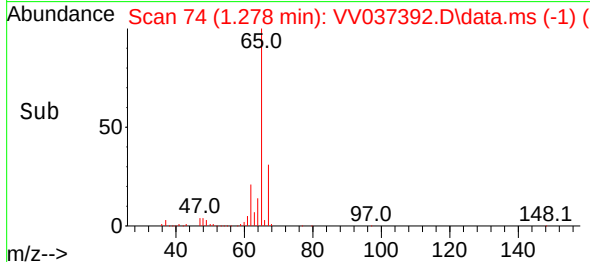
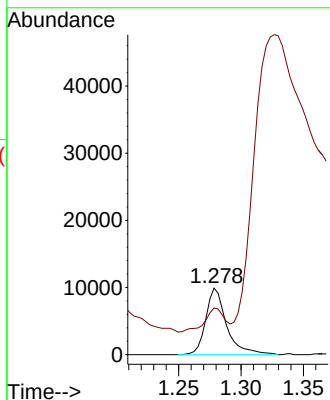
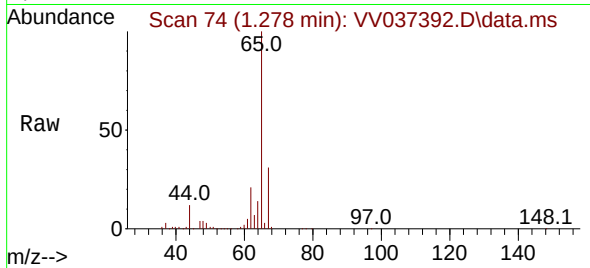




#5
 Vinyl chloride
 Concen: 0.396 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VV037392.D
 Acq: 19 Sep 2024 19:03

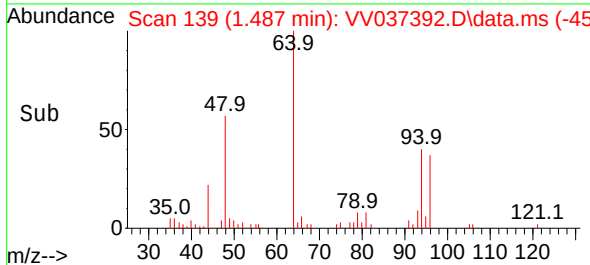
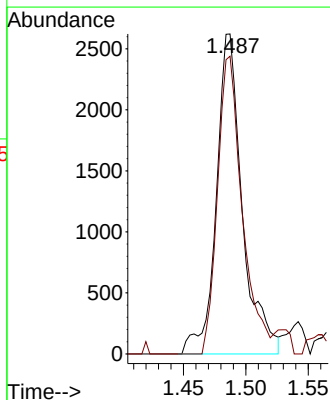
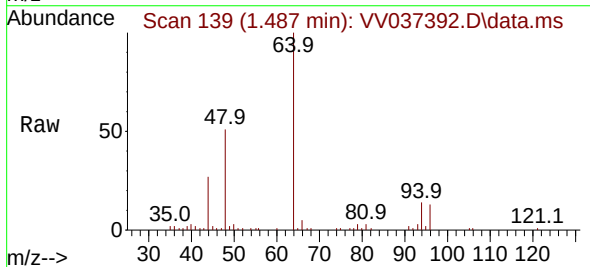
Instrument :
 MSVOA_V
 ClientSampleId :

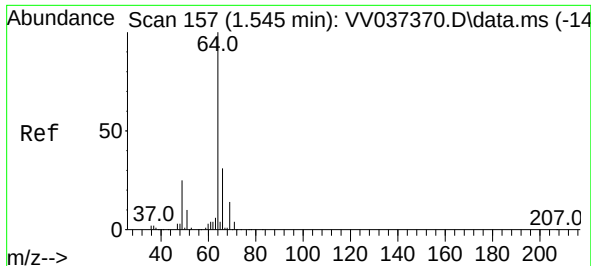
Tgt Ion: 62 Resp: 11565
 Ion Ratio Lower Upper
 62 100
 64 70.1 22.4 41.6#



#6
 Bromomethane
 Concen: 0.217 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.003 min
 Lab File: VV037392.D
 Acq: 19 Sep 2024 19:03

Tgt Ion: 94 Resp: 3801
 Ion Ratio Lower Upper
 94 100
 96 93.1 65.3 121.3

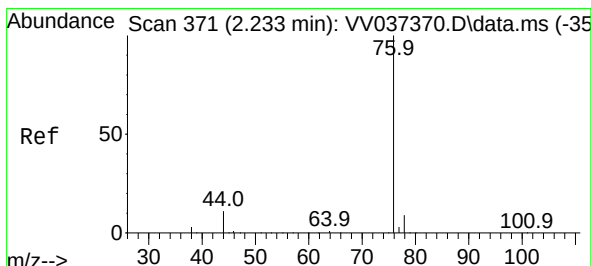
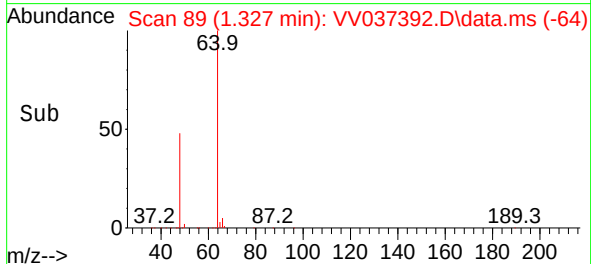
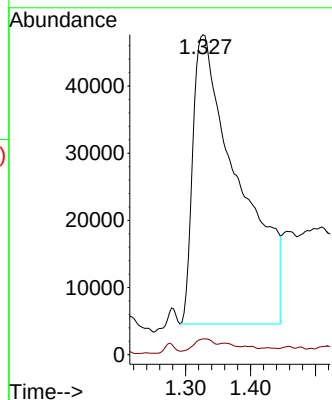
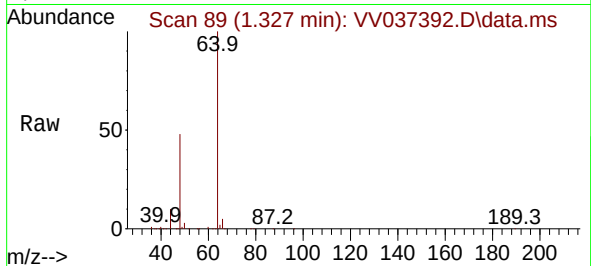




#8
Chloroethane
Concen: 12.009 ug/L
RT: 1.327 min Scan# 89
Delta R.T. -0.219 min
Lab File: VV037392.D
Acq: 19 Sep 2024 19:03

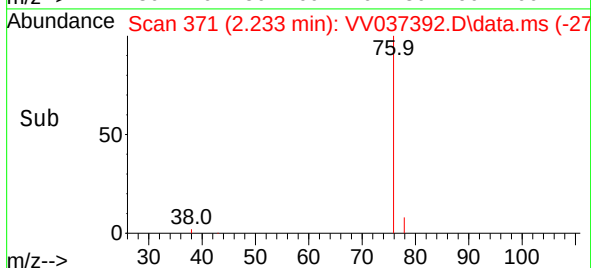
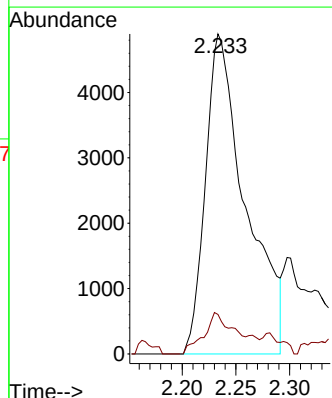
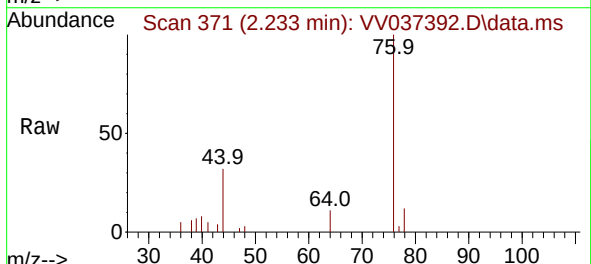
Instrument :
MSVOA_V
ClientSampleId :

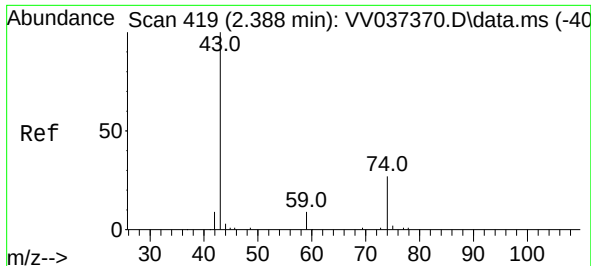
Tgt Ion: 64 Resp: 210804
Ion Ratio Lower Upper
64 100
66 4.9 22.7 42.1#



#14
Carbon disulfide
Concen: 0.191 ug/L
RT: 2.233 min Scan# 371
Delta R.T. -0.000 min
Lab File: VV037392.D
Acq: 19 Sep 2024 19:03

Tgt Ion: 76 Resp: 12679
Ion Ratio Lower Upper
76 100
78 12.4 7.3 10.9#





#15

Methyl Acetate

Concen: 1.317 ug/L

RT: 2.391 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV037392.D

Acq: 19 Sep 2024 19:03

Instrument :

MSVOA_V

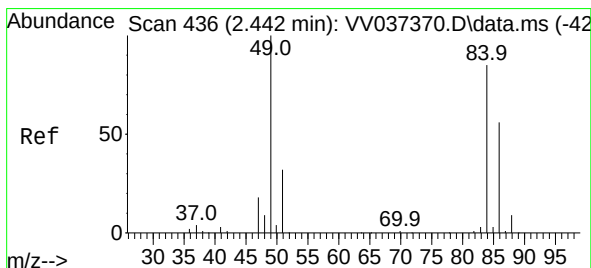
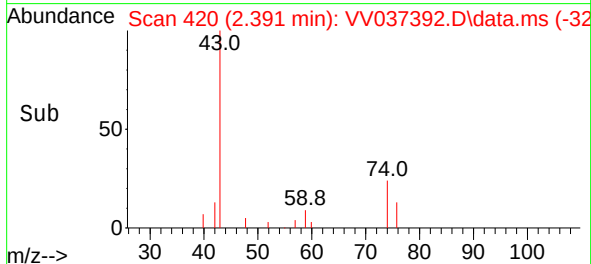
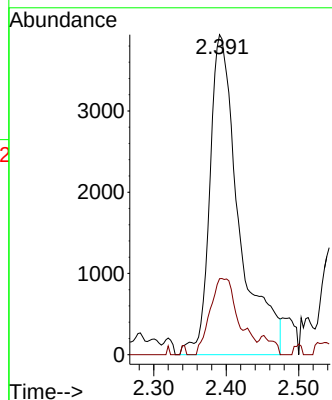
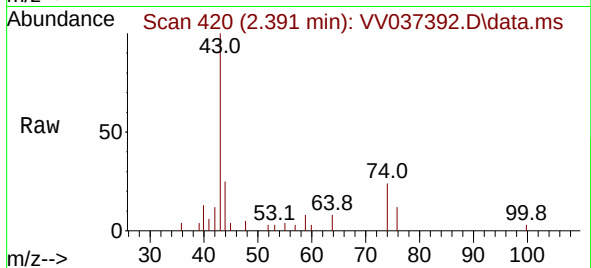
ClientSampleId :

Tgt Ion: 43 Resp: 11039

Ion Ratio Lower Upper

43 100

74 23.0 21.0 31.4



#16

Methylene chloride

Concen: 0.222 ug/L

RT: 2.439 min Scan# 435

Delta R.T. -0.003 min

Lab File: VV037392.D

Acq: 19 Sep 2024 19:03

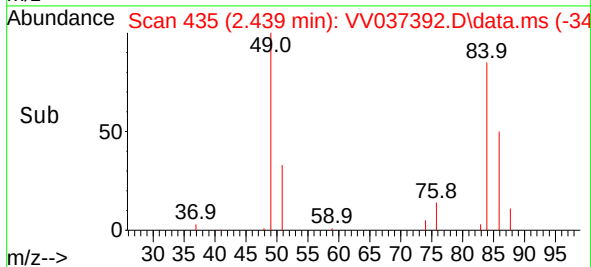
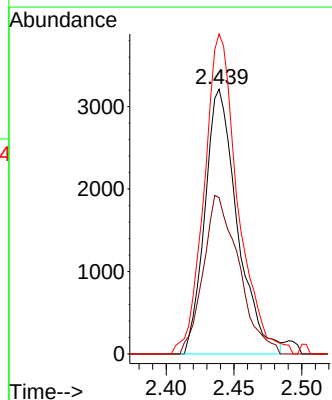
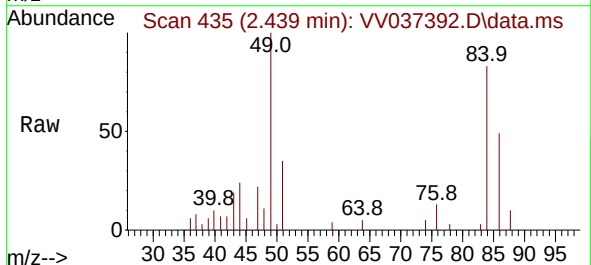
Tgt Ion: 84 Resp: 5358

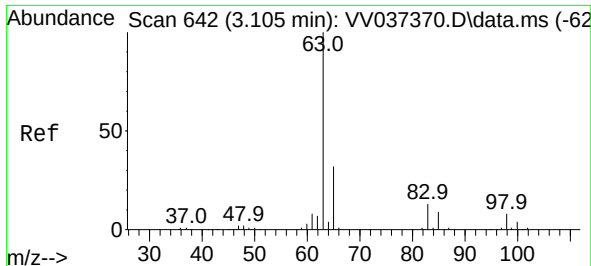
Ion Ratio Lower Upper

84 100

86 59.0 44.0 81.8

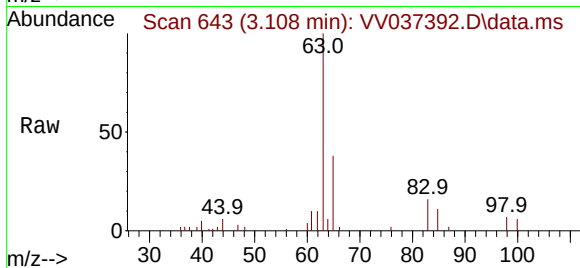
49 120.9 83.0 154.1



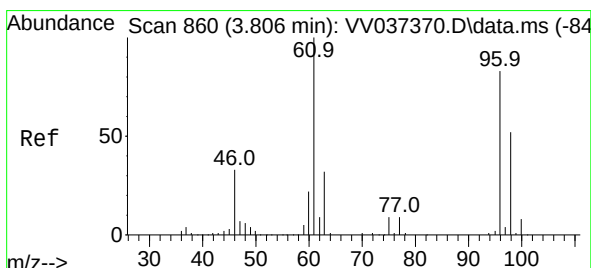
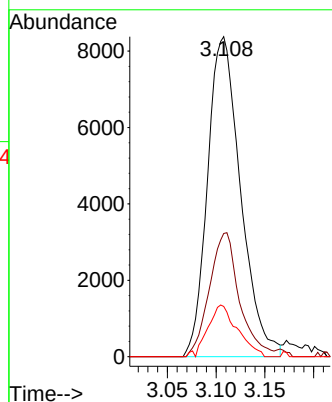
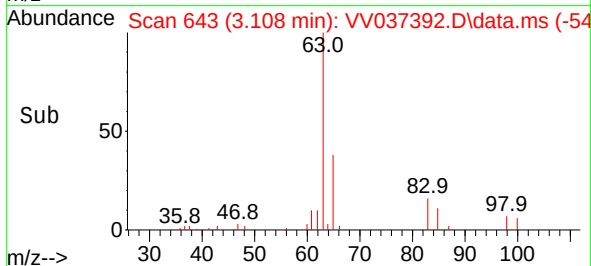


#19
1,1-Dichloroethane
Concen: 0.468 ug/L
RT: 3.108 min Scan# 642
Delta R.T. 0.003 min
Lab File: VV037392.D
Acq: 19 Sep 2024 19:03

Instrument :
MSVOA_V
ClientSampleId :

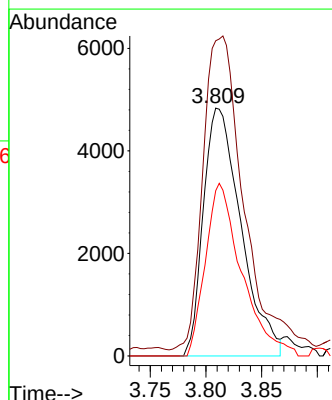
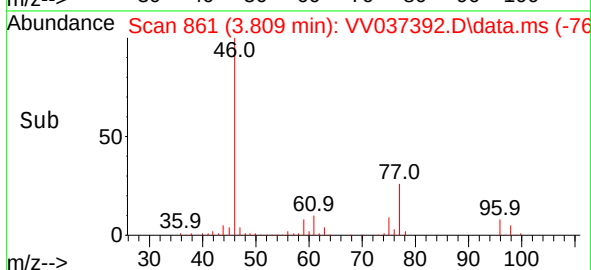
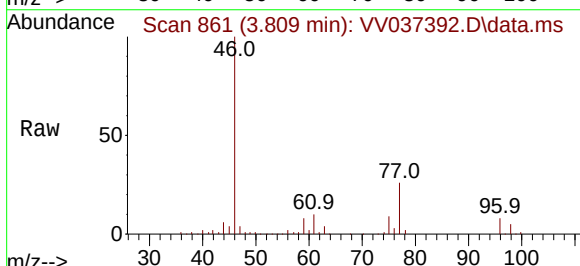


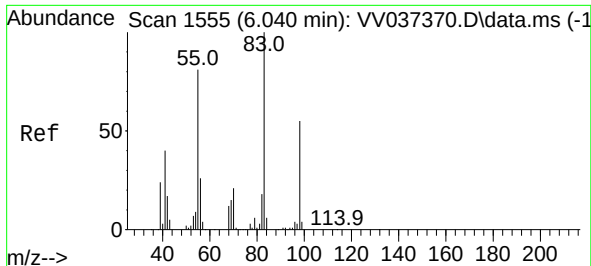
Tgt Ion: 63 Resp: 19760
Ion Ratio Lower Upper
63 100
65 38.5 22.5 41.7
83 15.7 8.9 16.5



#22
cis-1,2-Dichloroethene
Concen: 0.476 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV037392.D
Acq: 19 Sep 2024 19:03

Tgt Ion: 96 Resp: 11366
Ion Ratio Lower Upper
96 100
61 127.2 87.6 162.6
98 66.7 44.9 83.5





#35

Methylcyclohexane

Concen: 0.786 ug/L

RT: 5.986 min Scan# 1

Delta R.T. -0.055 min

Lab File: VV037392.D

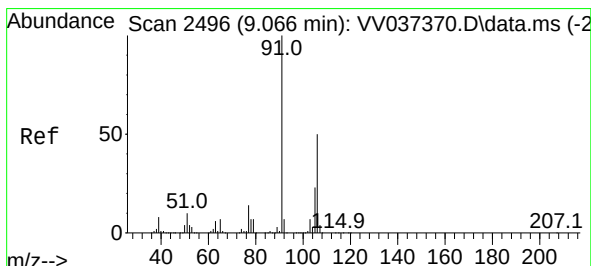
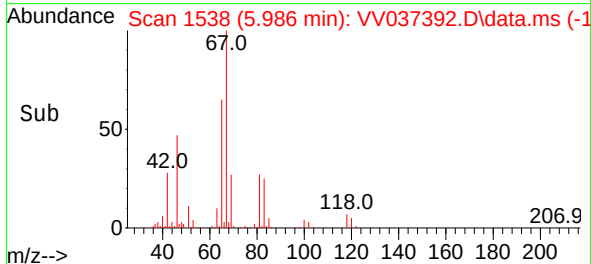
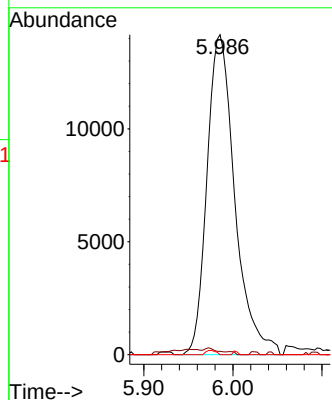
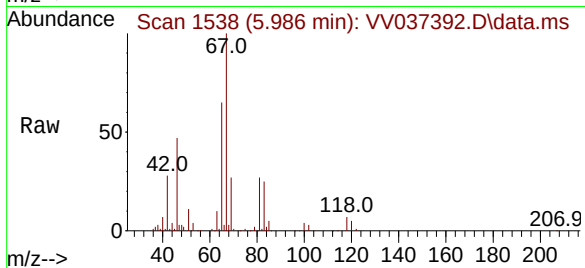
Acq: 19 Sep 2024 19:03

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	30736
Ion Ratio	Lower	Upper	
83	100		
55	0.5	60.3	90.5#
98	0.5	38.2	57.4#



#53

m,p-Xylene

Concen: 0.209 ug/L

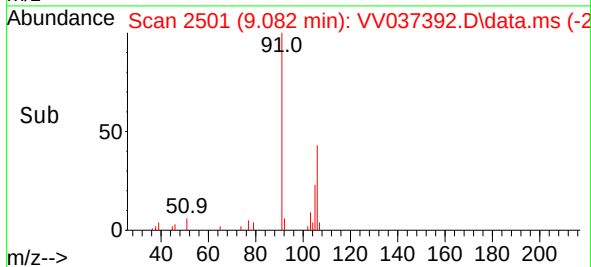
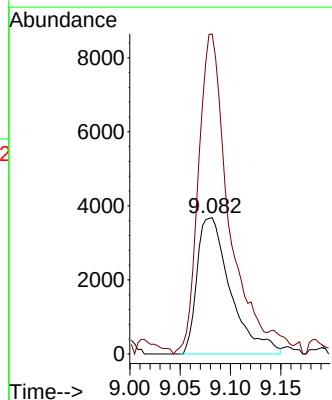
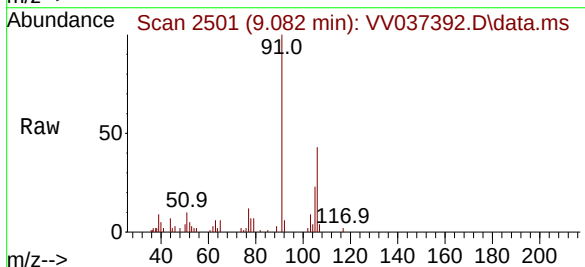
RT: 9.082 min Scan# 2501

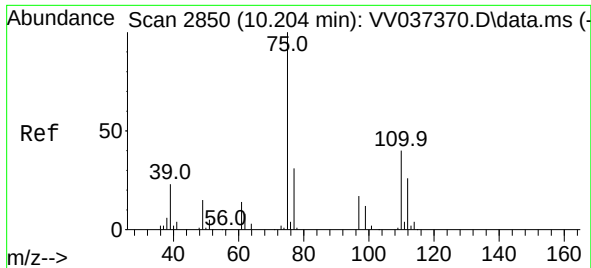
Delta R.T. 0.016 min

Lab File: VV037392.D

Acq: 19 Sep 2024 19:03

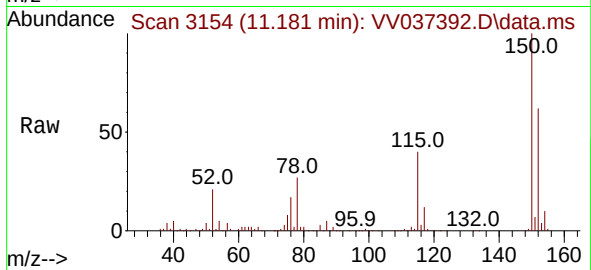
Tgt Ion:	106	Resp:	8500
Ion Ratio	Lower	Upper	
106	100		
91	234.7	143.3	266.1





#61
 1,2,3-Trichloropropane
 Concen: 1.327 ug/L
 RT: 11.181 min Scan# 3154
 Delta R.T. 0.977 min
 Lab File: VV037392.D
 Acq: 19 Sep 2024 19:03

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	17695
Ion Ratio	Lower	Upper
75	100	
77	30.8	25.6 38.4
110	3.0	31.0 46.4#

