

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091924\
 Data File : VV037373.D
 Acq On : 19 Sep 2024 11:24
 Operator : SY/MD
 Sample : P3986-18
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 20 01:55:38 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)

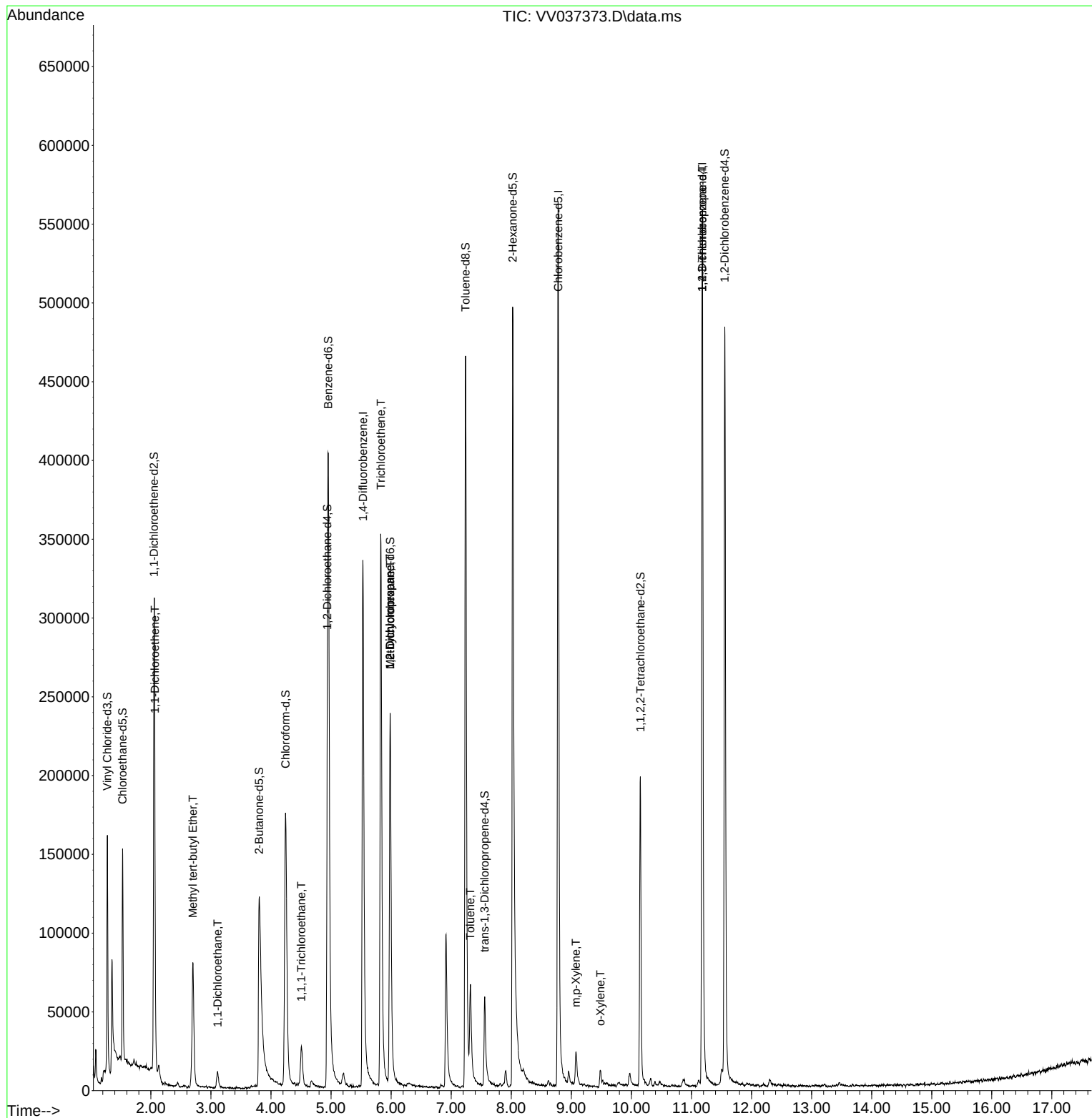
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	310151	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	323210	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	153592	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	95566	5.252	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.000%
7) Chloroethane-d5	1.529	69	84380	4.448	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.053	65	43569	4.637	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.800%
20) 2-Butanone-d5	3.802	46	215481	39.626	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.260%
24) Chloroform-d	4.243	84	196743	4.453	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	4.937	65	95504	4.617	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	4.954	84	388893	4.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	5.986	67	122283	4.538	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.240	98	336007	4.303	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	7.558	79	41747	4.709	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.024	63	199959	46.169	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.340%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	100236	4.564	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	11.555	152	127664	4.675	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.066	96	22330	1.027	ug/L #	1
17) Methyl tert-butyl Ether	2.700	73	76547	1.482	ug/L	99
19) 1,1-Dichloroethane	3.111	63	9657	0.221	ug/L	93
29) 1,1,1-Trichloroethane	4.507	97	21194	0.553	ug/L	96
34) Trichloroethene	5.828	95	135137	5.150	ug/L	97
35) Methylcyclohexane	5.986	83	29140	0.730	ug/L #	19
37) 1,2-Dichloropropane	5.982	63	12835	0.518	ug/L #	87
42) Toluene	7.320	91	52234	0.516	ug/L	100
53) m,p-Xylene	9.079	106	7386	0.178	ug/L	83
54) o-Xylene	9.484	106	3238	0.079	ug/L	91
61) 1,2,3-Trichloropropane	11.178	75	18987	1.359	ug/L #	66

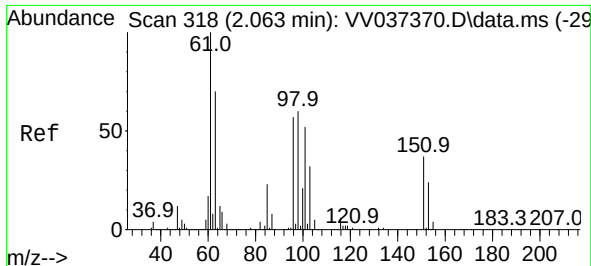
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#12

1,1-Dichloroethene

Concen: 1.027 ug/L

RT: 2.066 min Scan# 318

Delta R.T. 0.003 min

Lab File: VV037373.D

Acq: 19 Sep 2024 11:24

Instrument :

MSVOA_V

ClientSampleId :

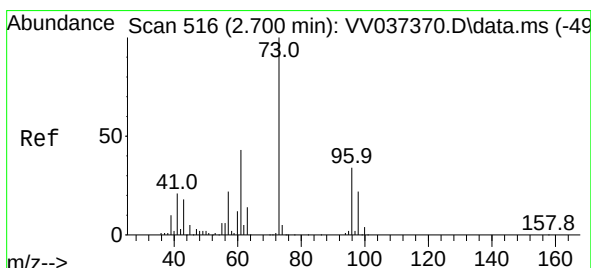
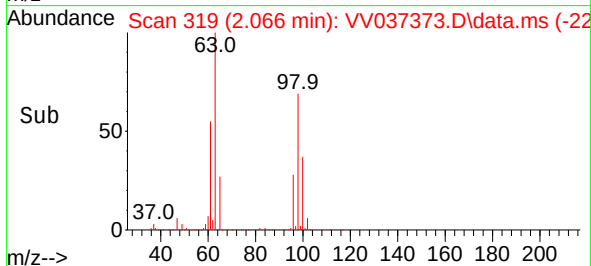
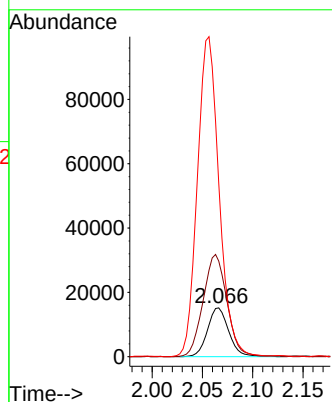
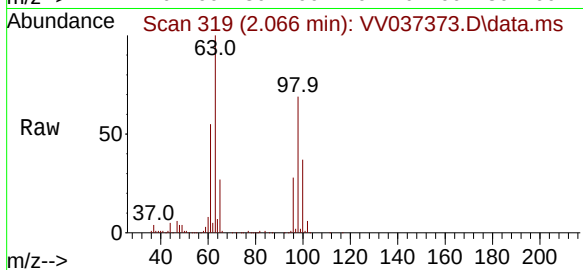
Tgt Ion: 96 Resp: 22330

Ion Ratio Lower Upper

96 100

61 195.8 119.9 222.7

63 355.3 81.4 151.2#



#17

Methyl tert-butyl Ether

Concen: 1.482 ug/L

RT: 2.700 min Scan# 516

Delta R.T. 0.000 min

Lab File: VV037373.D

Acq: 19 Sep 2024 11:24

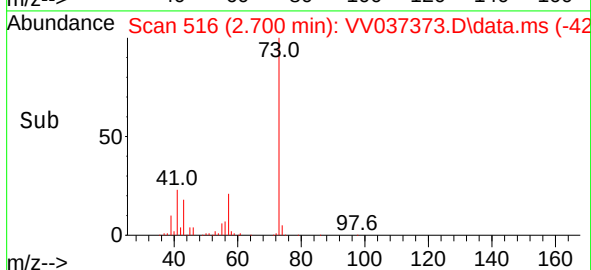
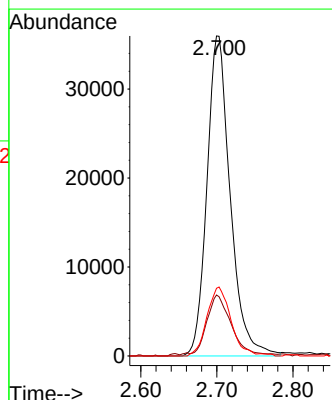
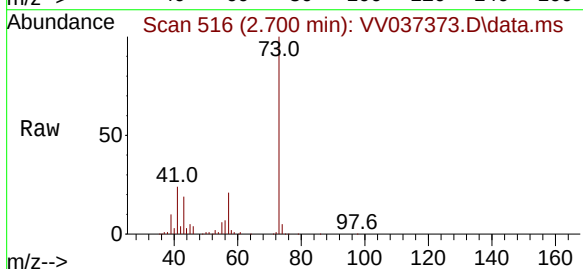
Tgt Ion: 73 Resp: 76547

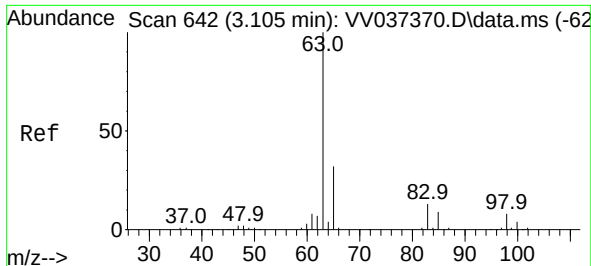
Ion Ratio Lower Upper

73 100

43 18.6 14.5 21.7

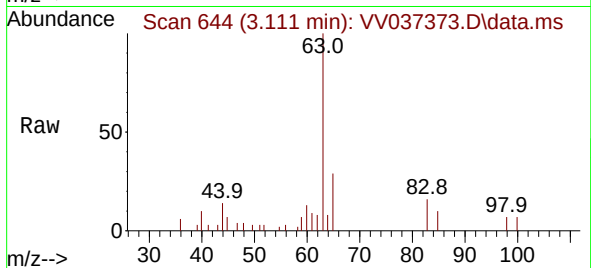
57 22.0 17.7 26.5



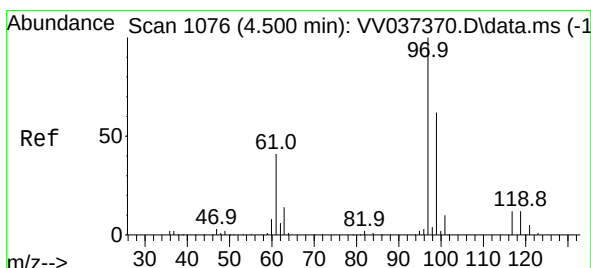
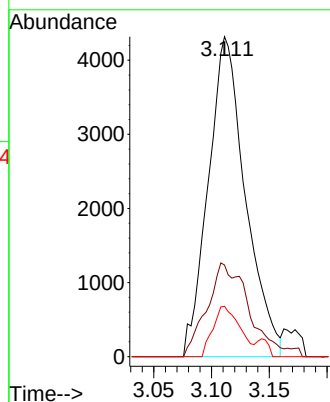
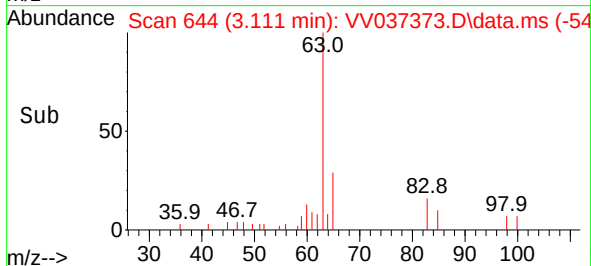


#19
1,1-Dichloroethane
Concen: 0.221 ug/L
RT: 3.111 min Scan# 642
Delta R.T. 0.006 min
Lab File: VV037373.D
Acq: 19 Sep 2024 11:24

Instrument :
MSVOA_V
ClientSampleId :

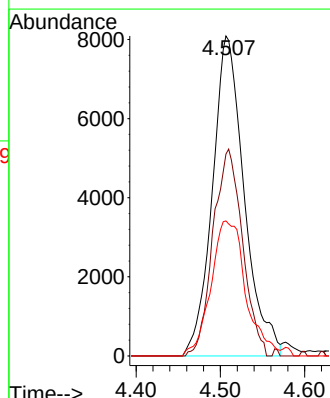
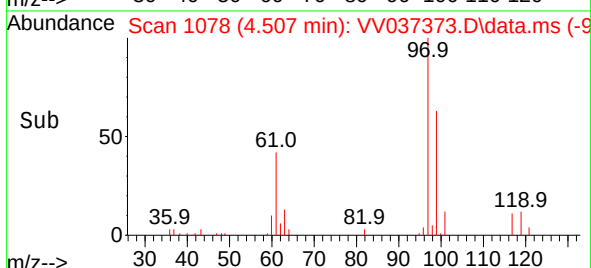
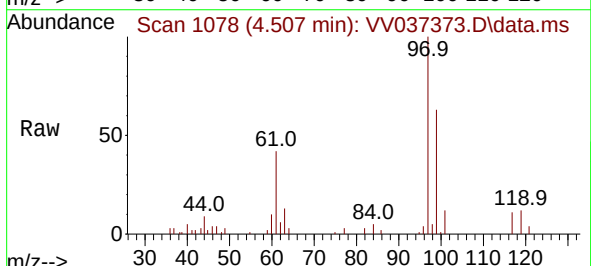


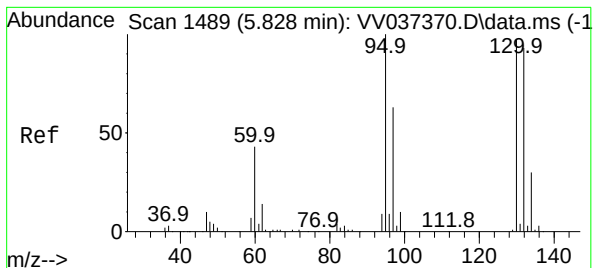
Tgt Ion: 63 Resp: 9657
Ion Ratio Lower Upper
63 100
65 28.6 22.5 41.7
83 15.7 8.9 16.5



#29
1,1,1-Trichloroethane
Concen: 0.553 ug/L
RT: 4.507 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VV037373.D
Acq: 19 Sep 2024 11:24

Tgt Ion: 97 Resp: 21194
Ion Ratio Lower Upper
97 100
99 60.0 50.0 75.0
61 46.1 34.3 51.5





#34

Trichloroethene

Concen: 5.150 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV037373.D

Acq: 19 Sep 2024 11:24

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 135137

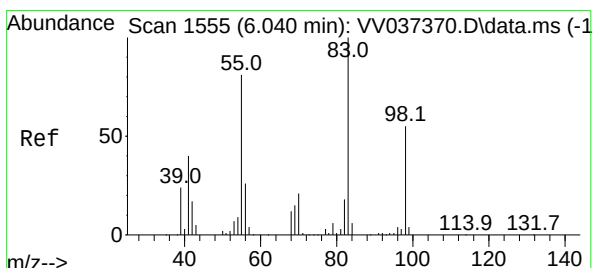
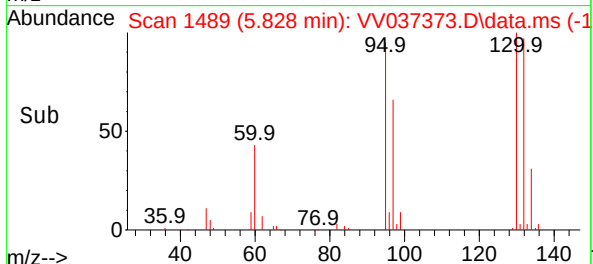
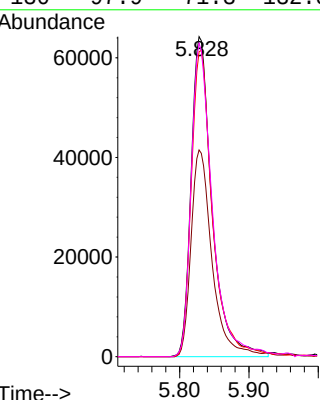
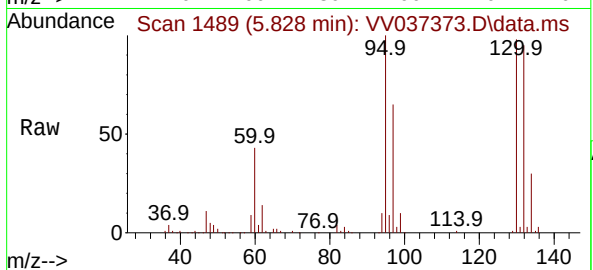
Ion Ratio Lower Upper

95 100

97 64.6 46.5 86.5

132 95.3 65.5 121.7

130 97.9 71.3 132.3



#35

Methylcyclohexane

Concen: 0.730 ug/L

RT: 5.986 min Scan# 1538

Delta R.T. -0.055 min

Lab File: VV037373.D

Acq: 19 Sep 2024 11:24

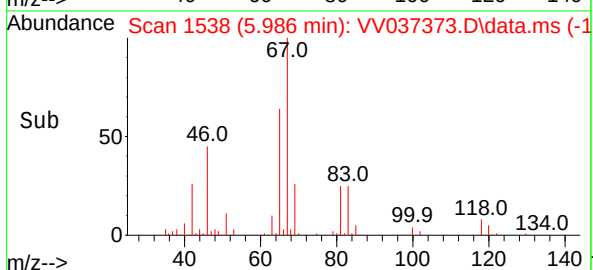
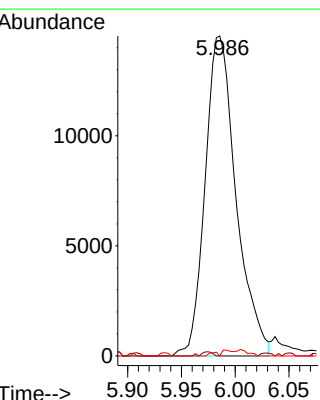
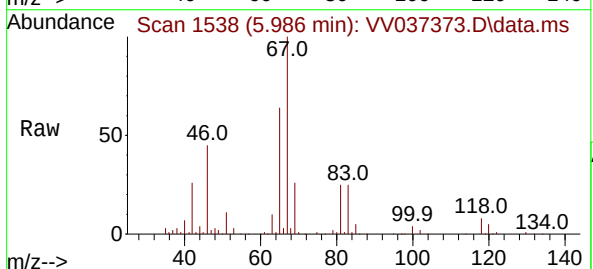
Tgt Ion: 83 Resp: 29140

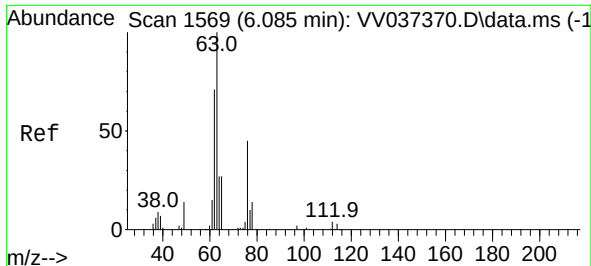
Ion Ratio Lower Upper

83 100

55 0.5 60.3 90.5#

98 0.6 38.2 57.4#





#37

1,2-Dichloropropane

Concen: 0.518 ug/L

RT: 5.982 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV037373.D

Acq: 19 Sep 2024 11:24

Instrument :

MSVOA_V

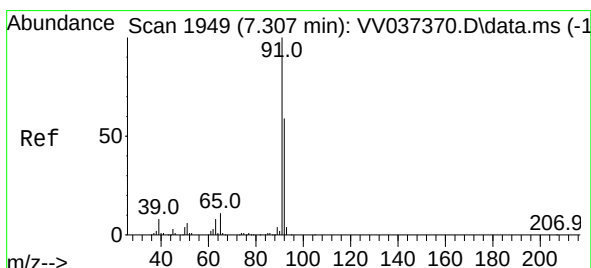
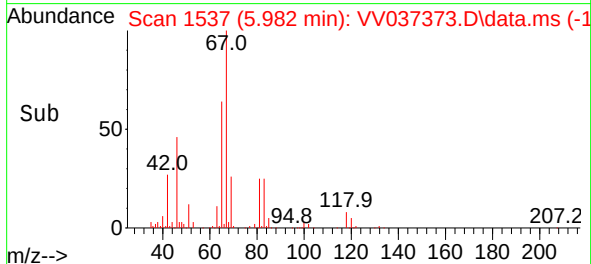
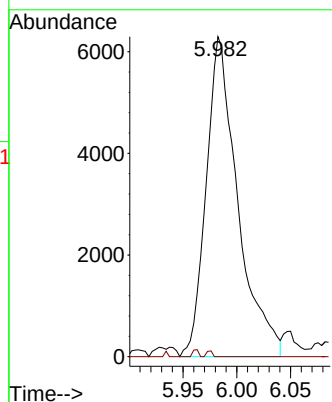
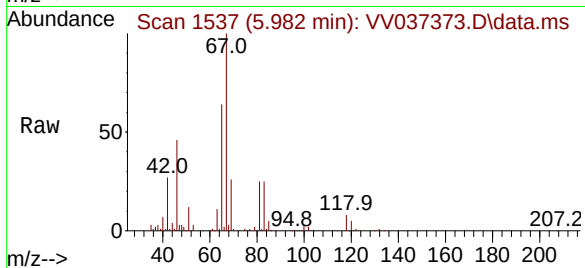
ClientSampleId :

Tgt Ion: 63 Resp: 12835

Ion Ratio Lower Upper

63 100

112 0.3 3.7 5.5#



#42

Toluene

Concen: 0.516 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.013 min

Lab File: VV037373.D

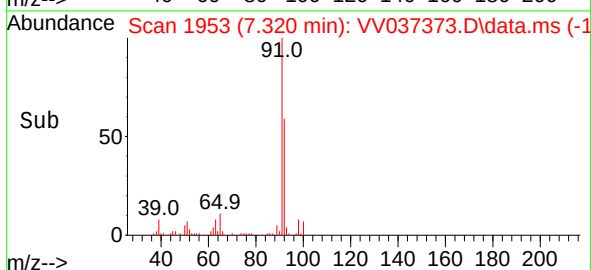
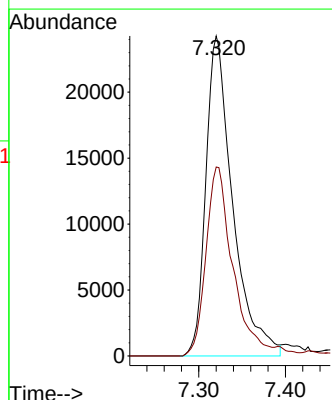
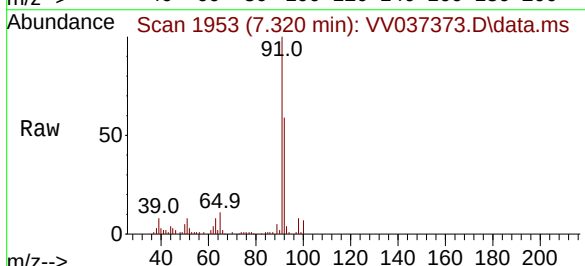
Acq: 19 Sep 2024 11:24

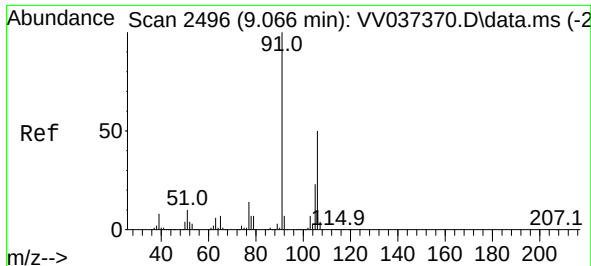
Tgt Ion: 91 Resp: 52234

Ion Ratio Lower Upper

91 100

92 59.1 41.4 77.0





#53

m,p-Xylene

Concen: 0.178 ug/L

RT: 9.079 min Scan# 2496

Delta R.T. 0.013 min

Lab File: VV037373.D

Acq: 19 Sep 2024 11:24

Instrument :

MSVOA_V

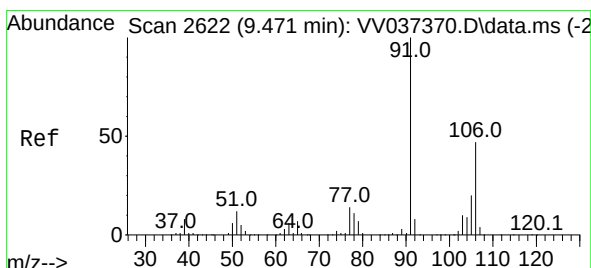
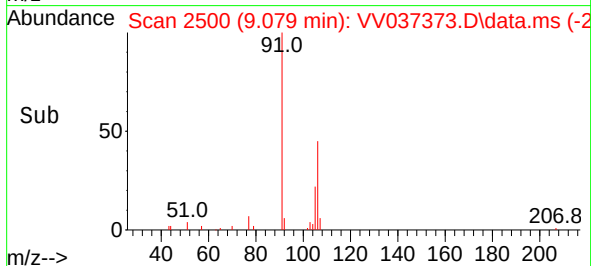
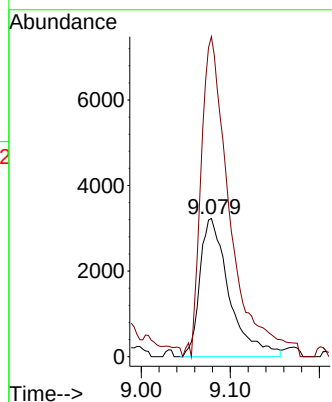
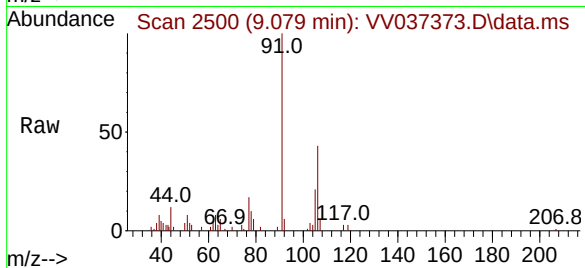
ClientSampleId :

Tgt Ion:106 Resp: 7386

Ion Ratio Lower Upper

106 100

91 231.5 143.3 266.1



#54

o-Xylene

Concen: 0.079 ug/L

RT: 9.484 min Scan# 2626

Delta R.T. 0.013 min

Lab File: VV037373.D

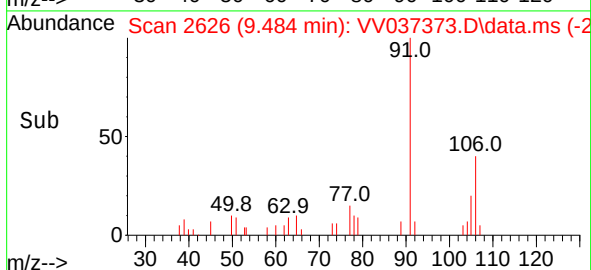
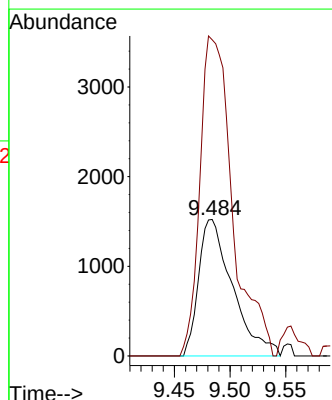
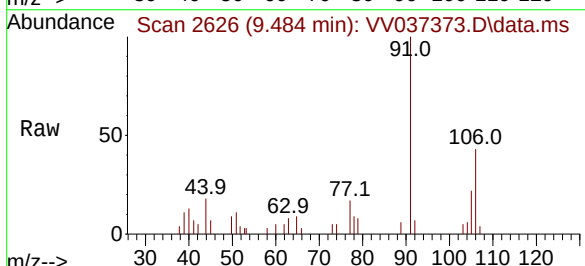
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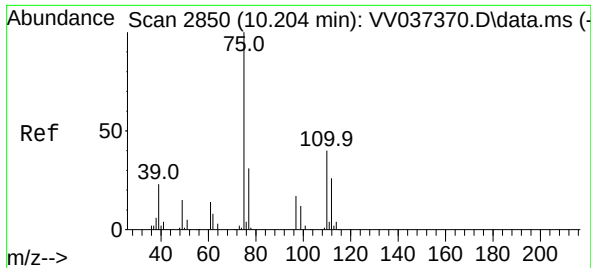
Tgt Ion:106 Resp: 3238

Ion Ratio Lower Upper

106 100

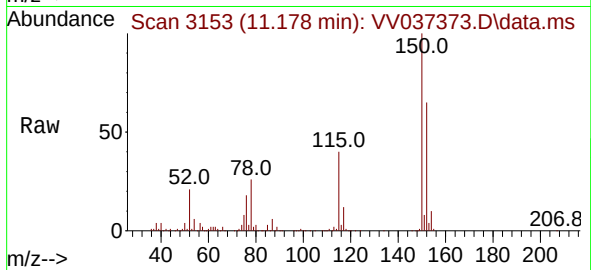
91 231.5 151.8 282.0





#61
 1,2,3-Trichloropropane
 Concen: 1.359 ug/L
 RT: 11.178 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV037373.D
 Acq: 19 Sep 2024 11:24

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	18987
Ion Ratio	Lower	Upper
75	100	
77	33.4	25.6 38.4
110	2.2	31.0 46.4#

