

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091824\
 Data File : VV037341.D
 Acq On : 18 Sep 2024 18:07
 Operator : SY/MD
 Sample : P3988-17
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

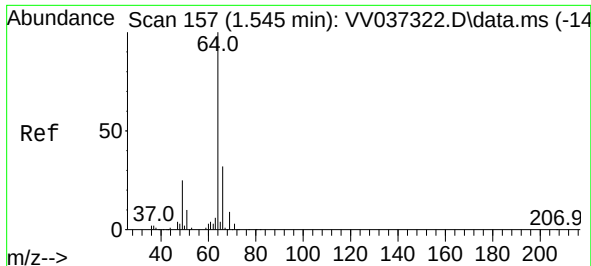
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 01:25:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 01:19:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	290004	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	303890	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	142445	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	105545	6.203	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	124.000%
7) Chloroethane-d5	1.529	69	87128	4.912	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.056	65	45361	5.163	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.200%
20) 2-Butanone-d5	3.805	46	209948	41.290	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.580%
24) Chloroform-d	4.243	84	199116	4.820	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	4.940	65	96204	4.974	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	4.956	84	387299	4.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	5.985	67	125222	4.942	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.239	98	329821	4.493	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	7.561	79	30694	3.683	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.600%
46) 2-Hexanone-d5	8.024	63	191178	46.947	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.900%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	96477	4.672	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	11.557	152	126296	4.987	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
8) Chloroethane	1.330	64	385398	22.687	ug/L #	51
12) 1,1-Dichloroethene	2.066	96	455277	22.402	ug/L #	80
14) Carbon disulfide	2.240	76	8364	0.131	ug/L	100
17) Methyl tert-butyl Ether	2.703	73	12844	0.266	ug/L #	84
18) trans-1,2-Dichloroethene	2.696	96	4418	0.207	ug/L	96
19) 1,1-Dichloroethane	3.104	63	496699	12.165	ug/L	99
22) cis-1,2-Dichloroethene	3.815	96	26126	1.130	ug/L	95
27) 1,2-Dichloroethane	5.069	62	6475	0.278	ug/L #	93
34) Trichloroethene	5.834	95	62138	2.518	ug/L	96
35) Methylcyclohexane	5.982	83	29365	0.783	ug/L #	20
37) 1,2-Dichloropropane	6.091	63	46824	2.010	ug/L	99
42) Toluene	7.329	91	13294	0.140	ug/L	91
53) m,p-Xylene	9.082	106	2964	0.076	ug/L	88
61) 1,2,3-Trichloropropane	11.181	75	18656	1.439	ug/L #	66

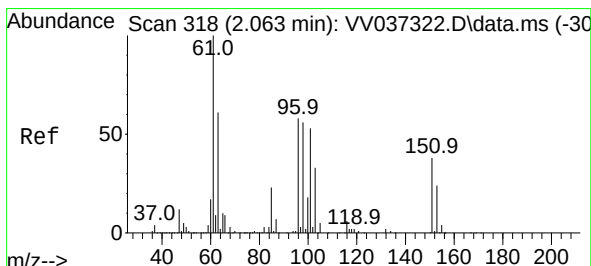
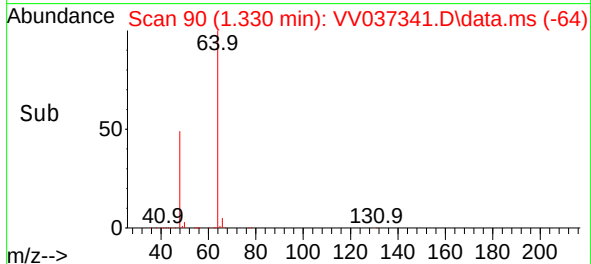
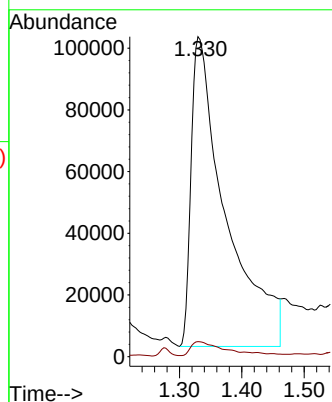
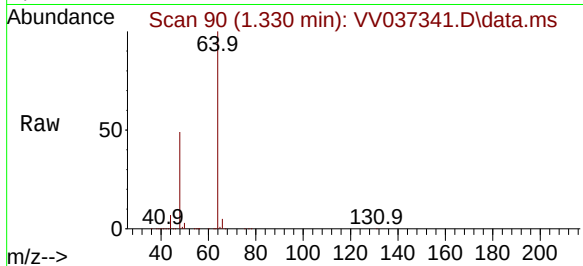
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#8
Chloroethane
Concen: 22.687 ug/L
RT: 1.330 min Scan# 90
Delta R.T. -0.215 min
Lab File: VV037341.D
Acq: 18 Sep 2024 18:07

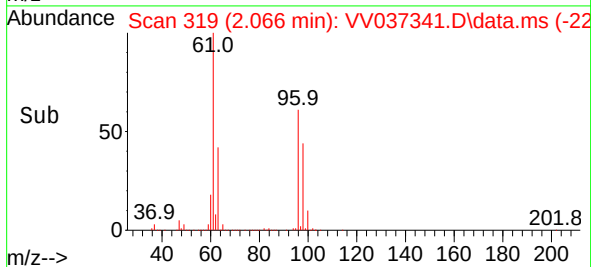
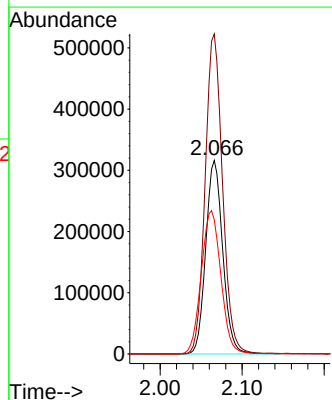
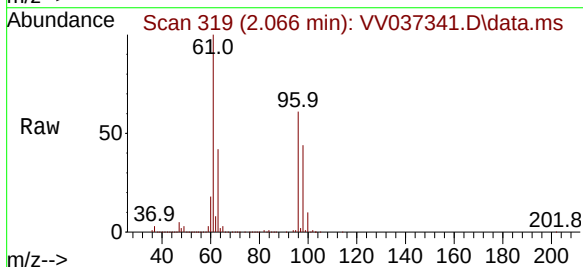
Instrument :
MSVOA_V
ClientSampleId :

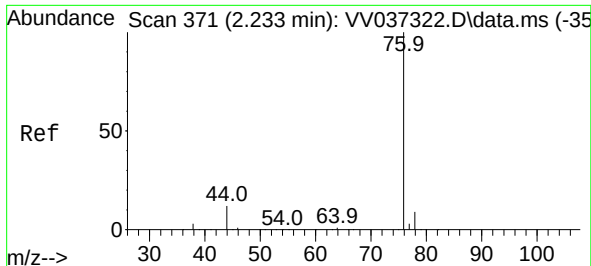
Tgt Ion: 64 Resp: 385398
Ion Ratio Lower Upper
64 100
66 4.7 22.7 42.1#



#12
1,1-Dichloroethene
Concen: 22.402 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV037341.D
Acq: 18 Sep 2024 18:07

Tgt Ion: 96 Resp: 455277
Ion Ratio Lower Upper
96 100
61 165.2 119.9 222.7
63 69.3 81.4 151.2#





#14

Carbon disulfide

Concen: 0.131 ug/L

RT: 2.240 min Scan# 3

Delta R.T. 0.006 min

Lab File: VV037341.D

Acq: 18 Sep 2024 18:07

Instrument :

MSVOA_V

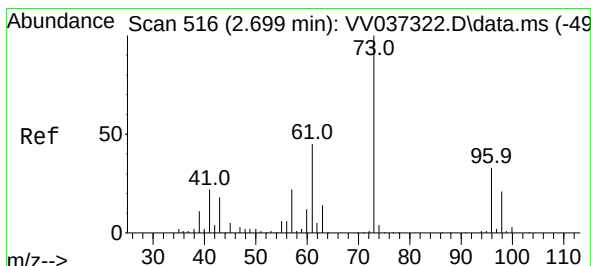
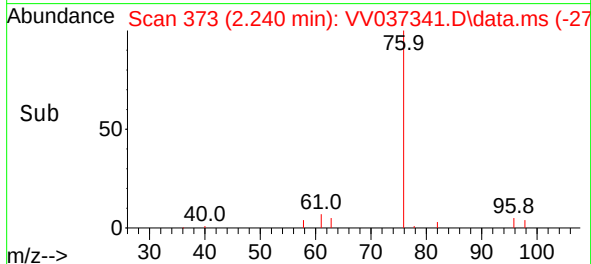
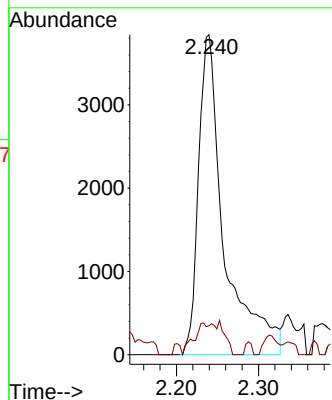
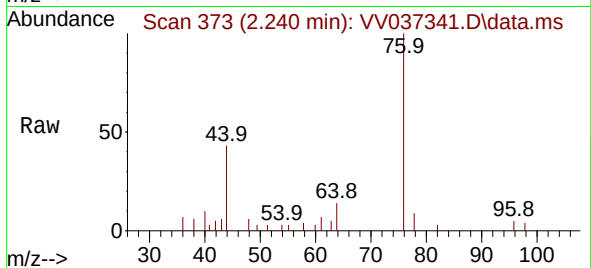
ClientSampleId :

Tgt Ion: 76 Resp: 8364

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



#17

Methyl tert-butyl Ether

Concen: 0.266 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.003 min

Lab File: VV037341.D

Acq: 18 Sep 2024 18:07

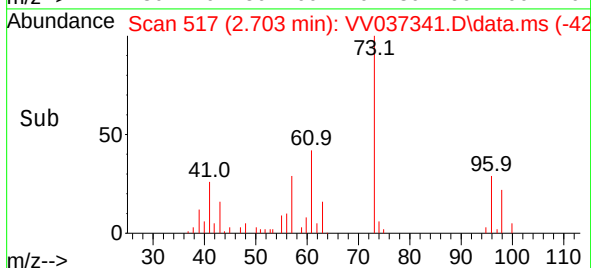
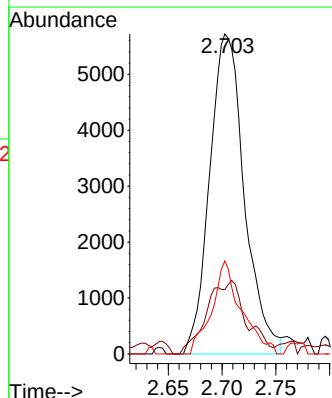
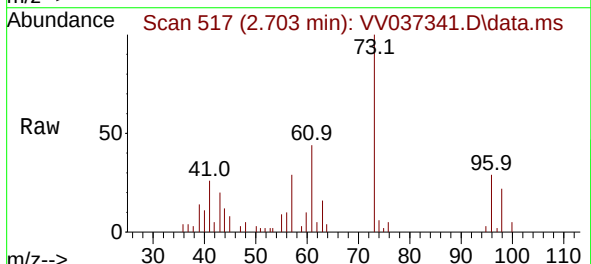
Tgt Ion: 73 Resp: 12844

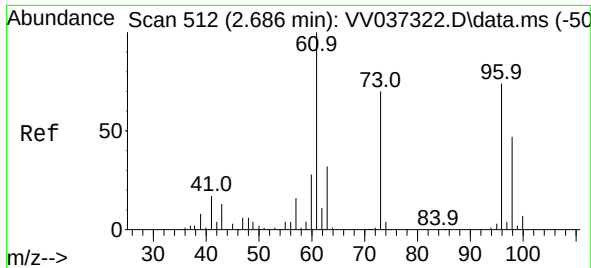
Ion Ratio Lower Upper

73 100

43 5.7 14.5 21.7#

57 24.7 17.7 26.5

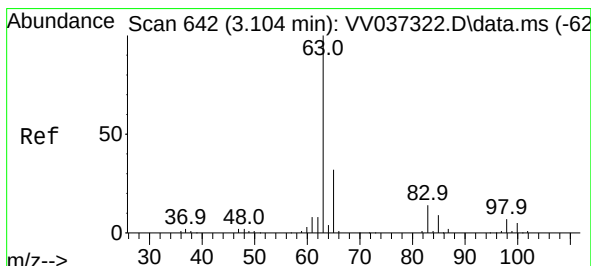
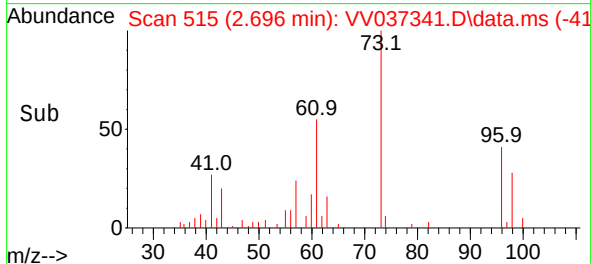
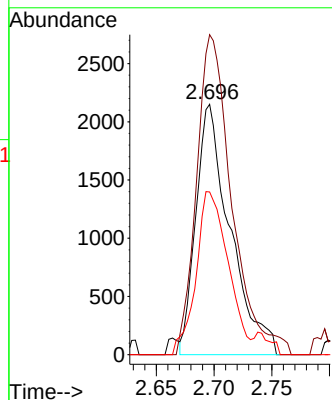
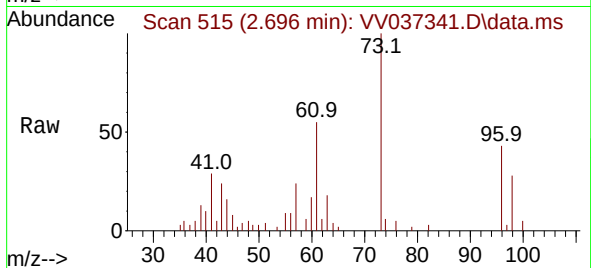




#18
trans-1,2-Dichloroethene
Concen: 0.207 ug/L
RT: 2.696 min Scan# 512
Delta R.T. 0.010 min
Lab File: VV037341.D
Acq: 18 Sep 2024 18:07

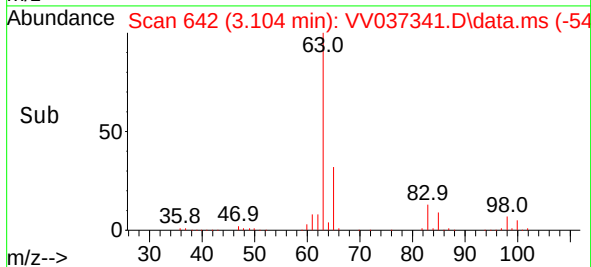
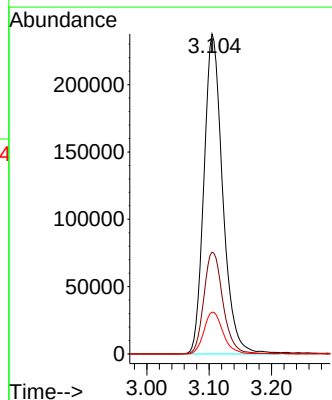
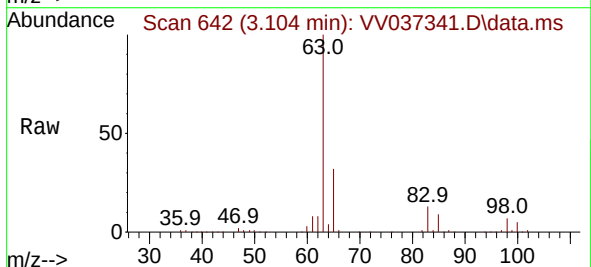
Instrument :
MSVOA_V
ClientSampleId :

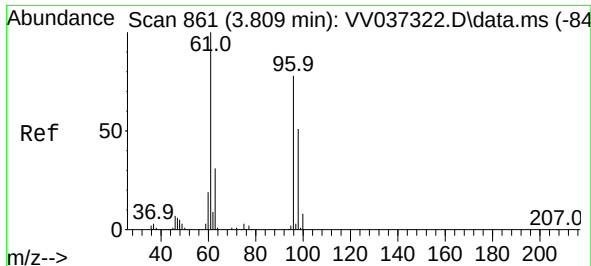
Tgt Ion: 96 Resp: 4418
Ion Ratio Lower Upper
96 100
61 127.8 92.8 172.4
98 65.0 43.0 79.8



#19
1,1-Dichloroethane
Concen: 12.165 ug/L
RT: 3.104 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV037341.D
Acq: 18 Sep 2024 18:07

Tgt Ion: 63 Resp: 496699
Ion Ratio Lower Upper
63 100
65 31.8 22.5 41.7
83 13.0 8.9 16.5





#22

cis-1,2-Dichloroethene

Concen: 1.130 ug/L

RT: 3.815 min Scan# 861

Delta R.T. 0.006 min

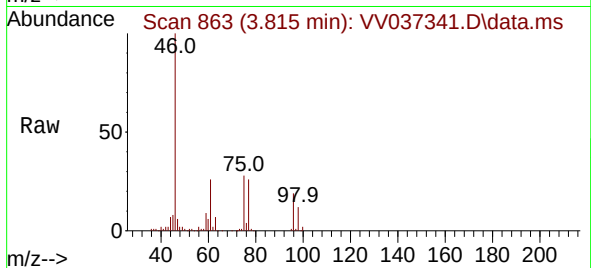
Lab File: VV037341.D

Acq: 18 Sep 2024 18:07

Instrument :

MSVOA_V

ClientSampleId :



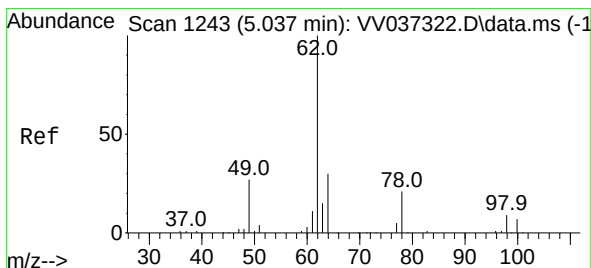
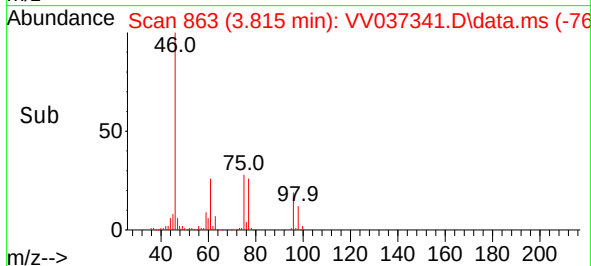
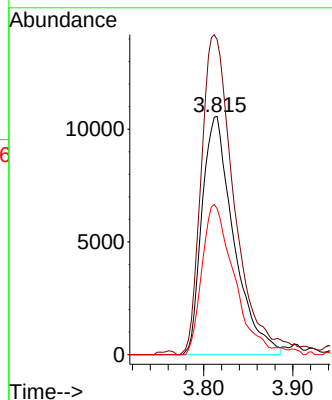
Tgt Ion: 96 Resp: 26126

Ion Ratio Lower Upper

96 100

61 132.2 87.6 162.6

98 61.2 44.9 83.5



#27

1,2-Dichloroethane

Concen: 0.278 ug/L

RT: 5.069 min Scan# 1253

Delta R.T. 0.032 min

Lab File: VV037341.D

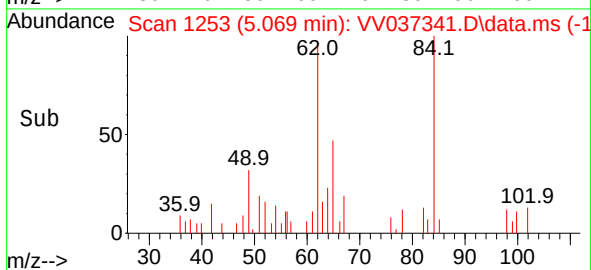
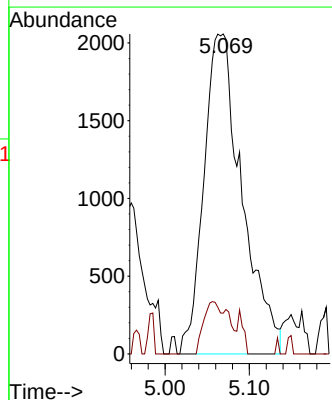
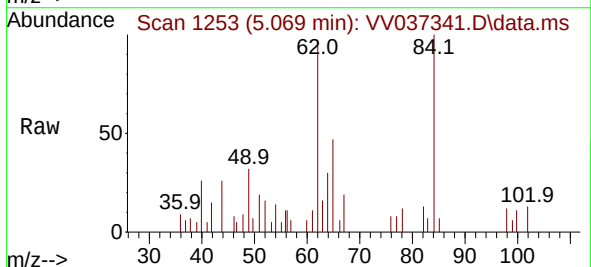
Acq: 18 Sep 2024 18:07

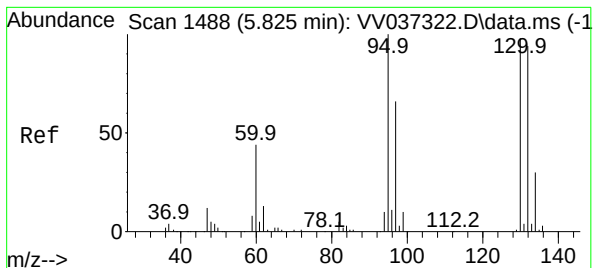
Tgt Ion: 62 Resp: 6475

Ion Ratio Lower Upper

62 100

98 12.7 8.2 12.4#





#34

Trichloroethene

Concen: 2.518 ug/L

RT: 5.834 min Scan# 1488

Delta R.T. 0.010 min

Lab File: VV037341.D

Acq: 18 Sep 2024 18:07

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 62138

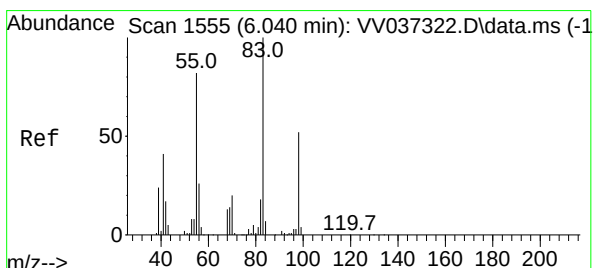
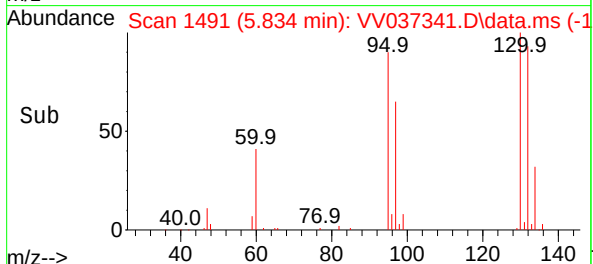
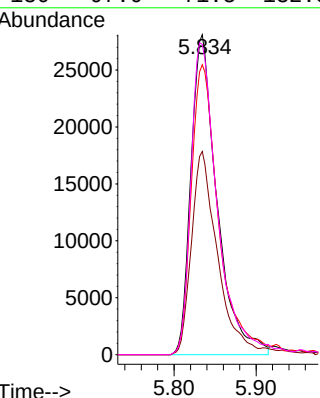
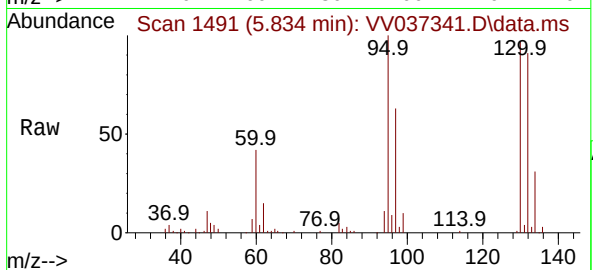
Ion Ratio Lower Upper

95 100

97 63.5 46.5 86.5

132 90.6 65.5 121.7

130 97.0 71.3 132.3



#35

Methylcyclohexane

Concen: 0.783 ug/L

RT: 5.982 min Scan# 1537

Delta R.T. -0.058 min

Lab File: VV037341.D

Acq: 18 Sep 2024 18:07

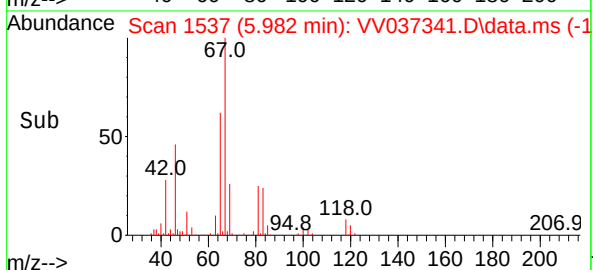
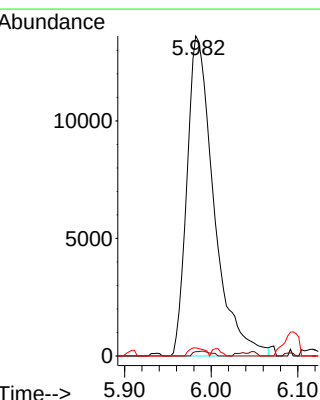
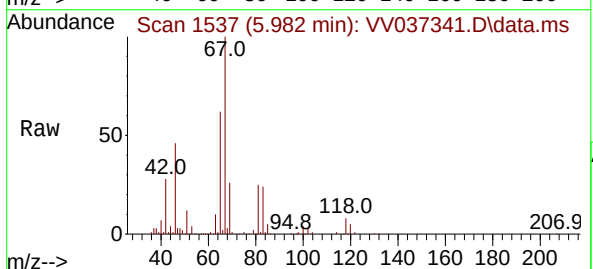
Tgt Ion: 83 Resp: 29365

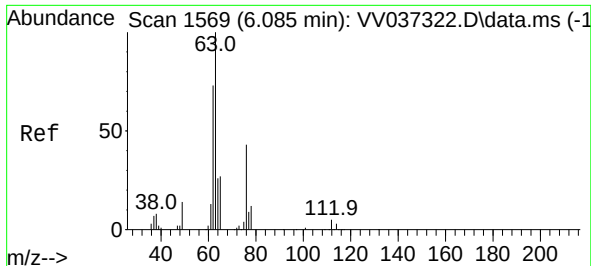
Ion Ratio Lower Upper

83 100

55 0.9 60.3 90.5#

98 1.5 38.2 57.4#

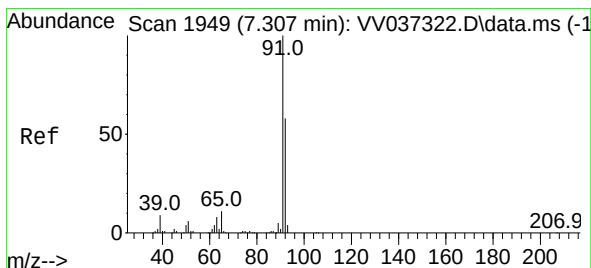
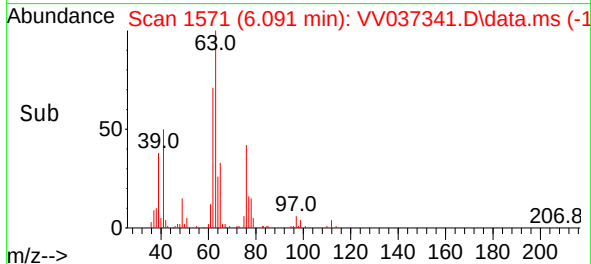
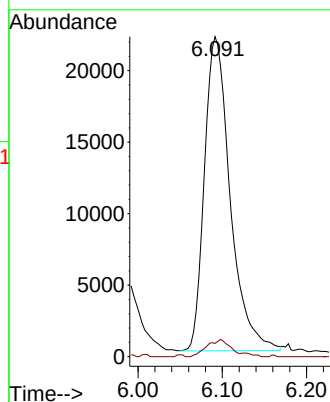
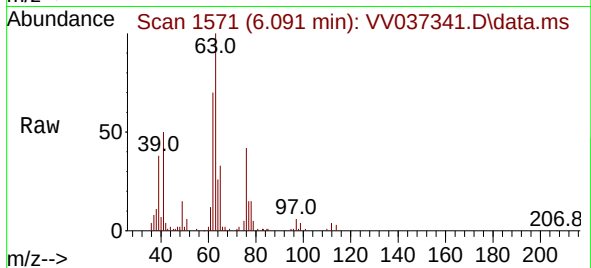




#37
1,2-Dichloropropane
Concen: 2.010 ug/L
RT: 6.091 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VV037341.D
Acq: 18 Sep 2024 18:07

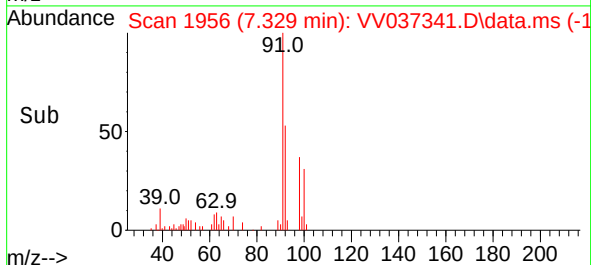
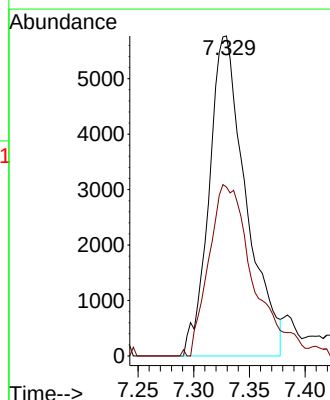
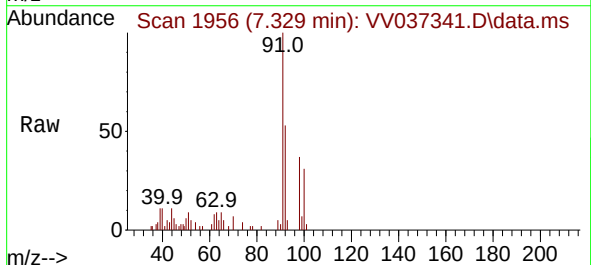
Instrument :
MSVOA_V
ClientSampleId :

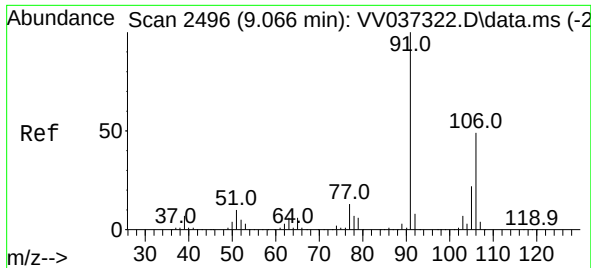
Tgt Ion: 63 Resp: 46824
Ion Ratio Lower Upper
63 100
112 4.9 3.7 5.5



#42
Toluene
Concen: 0.140 ug/L
RT: 7.329 min Scan# 1956
Delta R.T. 0.023 min
Lab File: VV037341.D
Acq: 18 Sep 2024 18:07

Tgt Ion: 91 Resp: 13294
Ion Ratio Lower Upper
91 100
92 52.8 41.4 77.0

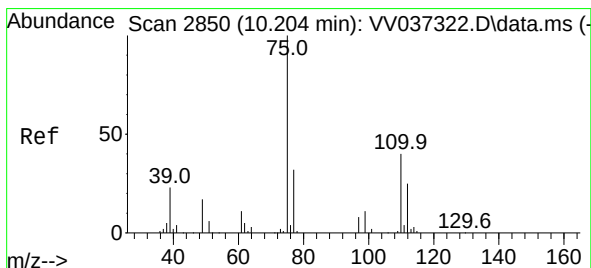
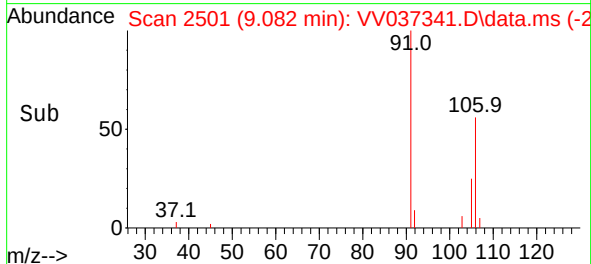
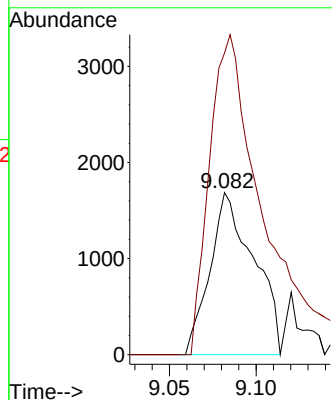
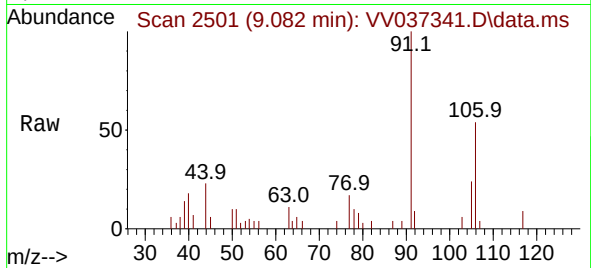




#53
m,p-Xylene
Concen: 0.076 ug/L
RT: 9.082 min Scan# 2496
Delta R.T. 0.016 min
Lab File: VV037341.D
Acq: 18 Sep 2024 18:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 2964
Ion Ratio Lower Upper
106 100
91 186.2 143.3 266.1



#61
1,2,3-Trichloropropane
Concen: 1.439 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.977 min
Lab File: VV037341.D
Acq: 18 Sep 2024 18:07

Tgt Ion: 75 Resp: 18656
Ion Ratio Lower Upper
75 100
77 34.3 25.6 38.4
110 3.3 31.0 46.4#

