

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102423\
 Data File : VW032599.D
 Acq On : 24 Oct 2023 18:54
 Operator : SY/MD
 Sample : 04992-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 25 05:56:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 05:52:45 2023
 Response via : Initial Calibration

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

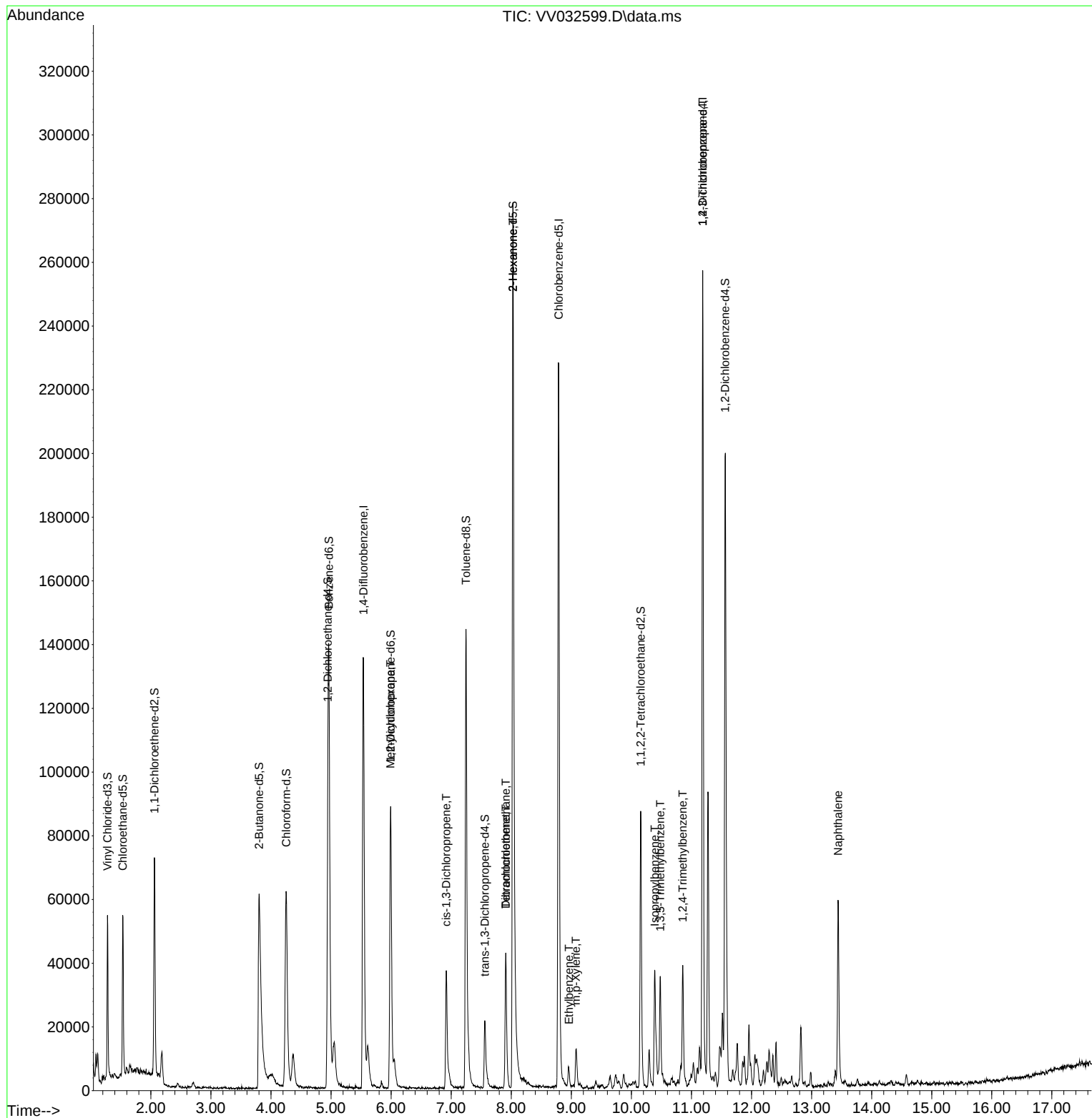
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	115176	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	126233	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	60608	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	30569	3.263	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.200%
7) Chloroethane-d5	1.532	69	32075	4.218	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.060	65	12014	3.041	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.800%
20) 2-Butanone-d5	3.802	46	124050	52.351	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.700%
24) Chloroform-d	4.252	84	65715	3.977	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
26) 1,2-Dichloroethane-d4	4.947	65	37710	4.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	4.963	84	120709	3.250	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	65.000%#
36) 1,2-Dichloropropane-d6	5.992	67	42342	3.441	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	68.800%
41) Toluene-d8	7.246	98	102966	3.032	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	60.600%#
43) trans-1,3-Dichloroprop...	7.561	79	14764	3.386	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.800%
46) 2-Hexanone-d5	8.027	63	99611	48.547	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.100%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	41159	4.782	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	47391	4.214	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.200%
Target Compounds						
35) Methylcyclohexane	5.989	83	10446	0.556	ug/L #	17
39) cis-1,3-Dichloropropene	6.918	75	1138	0.067	ug/L	99
47) Tetrachloroethene	7.908	164	10372	1.127	ug/L	98
48) 2-Hexanone	8.030	43	14134	2.663	ug/L #	76
49) Dibromochloromethane	7.908	129	9846	1.128	ug/L #	8
52) Ethylbenzene	8.960	91	4733	0.090	ug/L	94
53) m,p-Xylene	9.079	106	3695	0.189	ug/L	97
60) Isopropylbenzene	10.390	105	25833	0.548	ug/L	94
61) 1,2,3-Trichloropropane	11.188	75	7797	1.209	ug/L #	59
62) 1,3,5-Trimethylbenzene	10.480	105	17042	0.444	ug/L	97
63) 1,2,4-Trimethylbenzene	10.853	105	19770	0.517	ug/L	100
71) Naphthalene	13.442	128	44324	1.785	ug/L	98

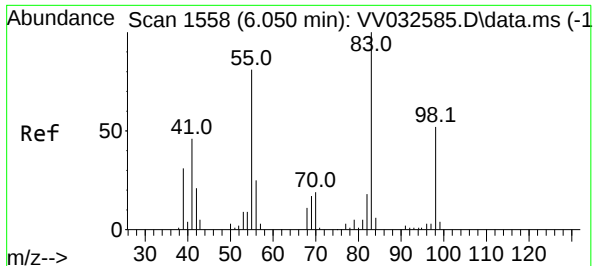
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.556 ug/L

RT: 5.989 min Scan# 1

Delta R.T. -0.061 min

Lab File: VV032599.D

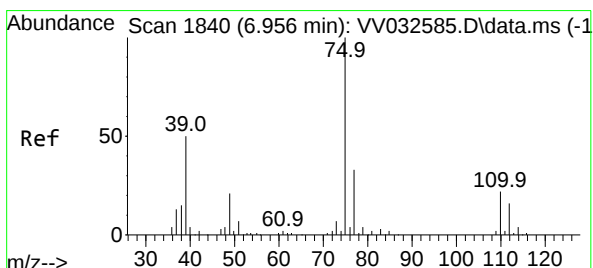
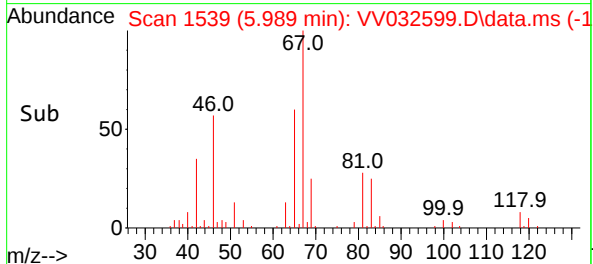
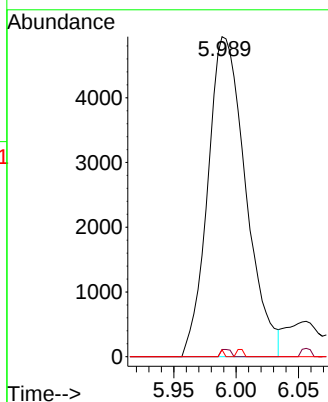
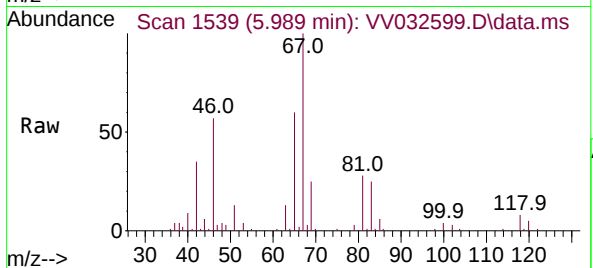
Acq: 24 Oct 2023 18:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 10446
Ion Ratio	Lower Upper
83	100
55	0.6 64.2 96.2#
98	0.2 39.6 59.4#



#39

cis-1,3-Dichloropropene

Concen: 0.067 ug/L

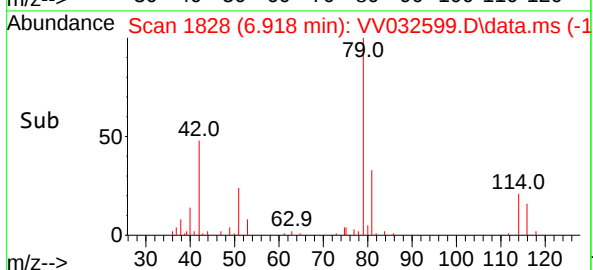
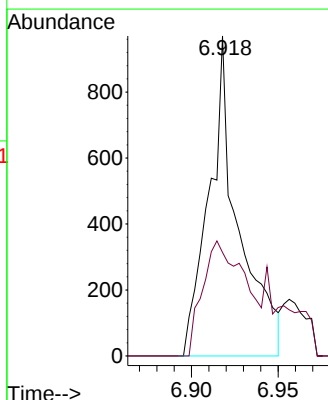
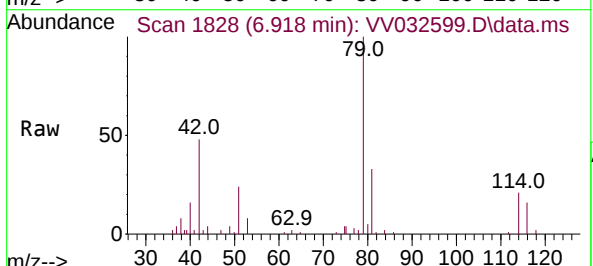
RT: 6.918 min Scan# 1828

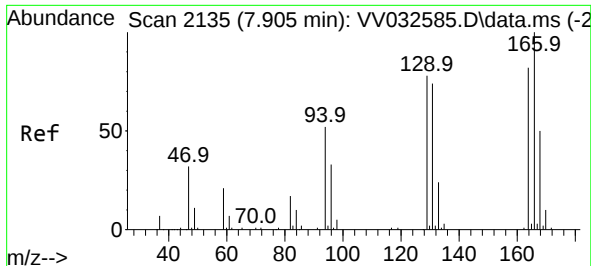
Delta R.T. -0.039 min

Lab File: VV032599.D

Acq: 24 Oct 2023 18:54

Tgt Ion: 75	Resp: 1138
Ion Ratio	Lower Upper
75	100
77	32.4 22.2 41.2





#47

Tetrachloroethene

Concen: 1.127 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.003 min

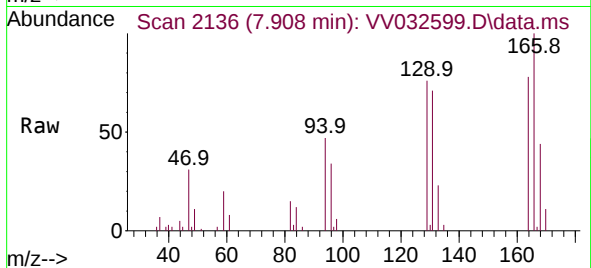
Lab File: VV032599.D

Acq: 24 Oct 2023 18:54

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 10372

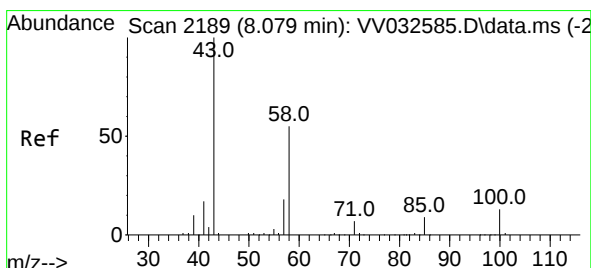
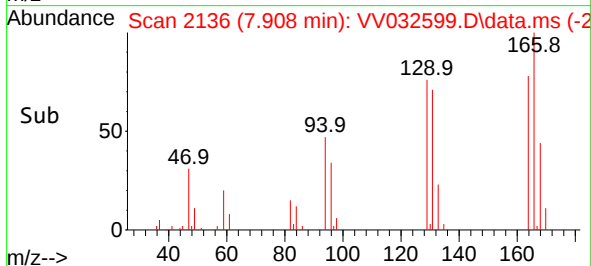
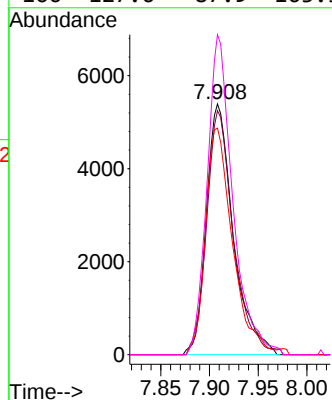
Ion Ratio Lower Upper

164 100

129 97.3 66.4 123.4

131 90.3 63.7 118.3

166 127.6 87.9 163.3



#48

2-Hexanone

Concen: 2.663 ug/L

RT: 8.030 min Scan# 2174

Delta R.T. -0.048 min

Lab File: VV032599.D

Acq: 24 Oct 2023 18:54

Tgt Ion: 43 Resp: 14134

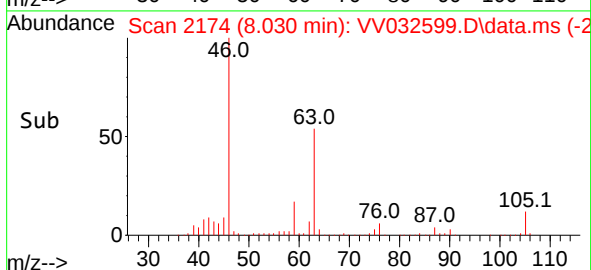
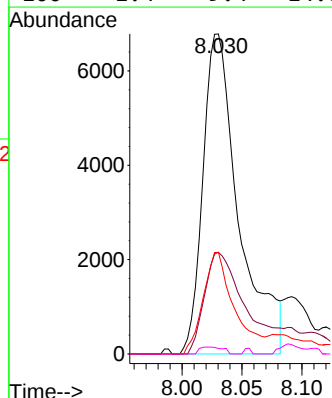
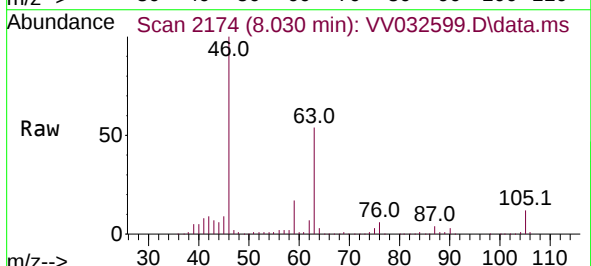
Ion Ratio Lower Upper

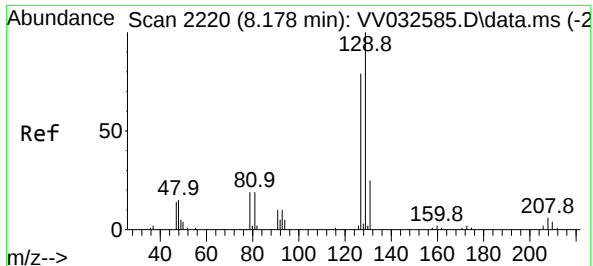
43 100

58 36.9 43.6 65.4#

57 27.6 14.6 22.0#

100 1.4 9.4 14.0#





#49

Dibromochloromethane

Concen: 1.128 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.270 min

Lab File: VV032599.D

Acq: 24 Oct 2023 18:54

Instrument :

MSVOA_V

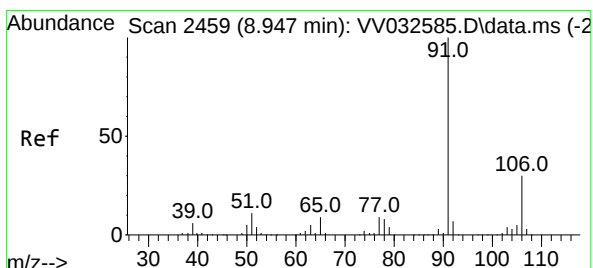
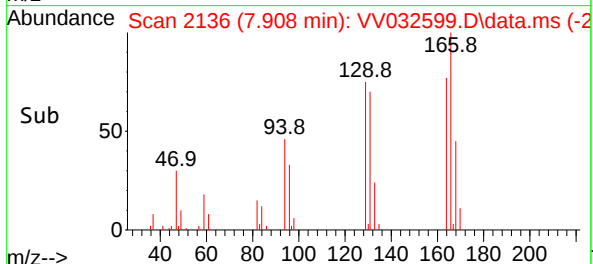
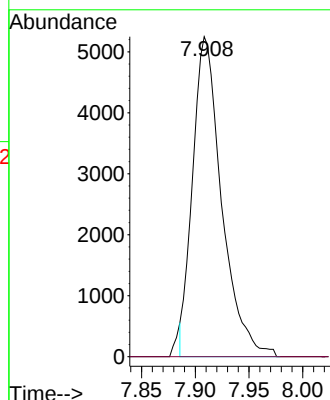
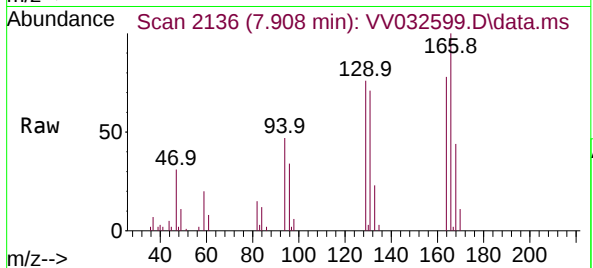
ClientSampleId :

Tgt Ion:129 Resp: 9846

Ion Ratio Lower Upper

129 100

127 0.0 57.2 106.2#



#52

Ethylbenzene

Concen: 0.090 ug/L

RT: 8.960 min Scan# 2463

Delta R.T. 0.013 min

Lab File: VV032599.D

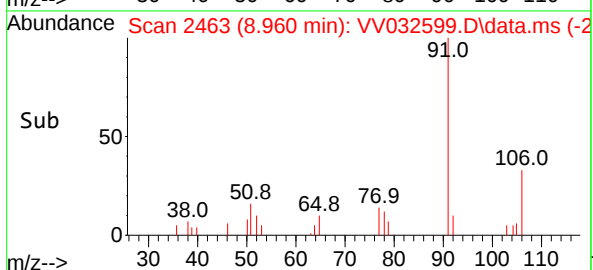
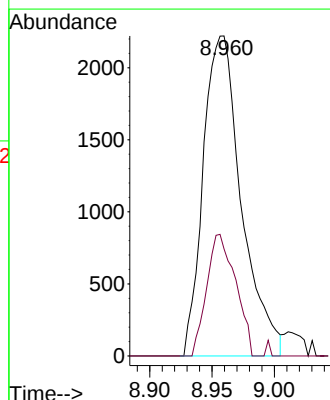
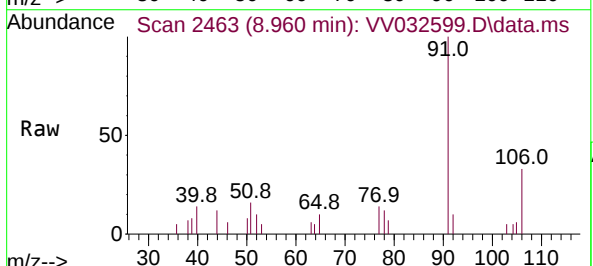
Acq: 24 Oct 2023 18:54

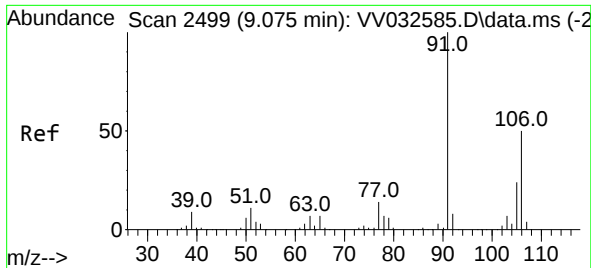
Tgt Ion: 91 Resp: 4733

Ion Ratio Lower Upper

91 100

106 33.5 21.3 39.5

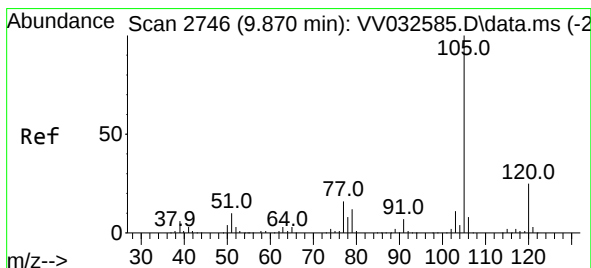
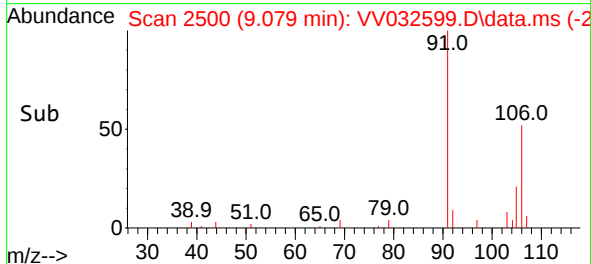
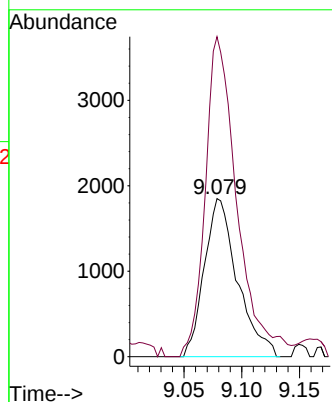
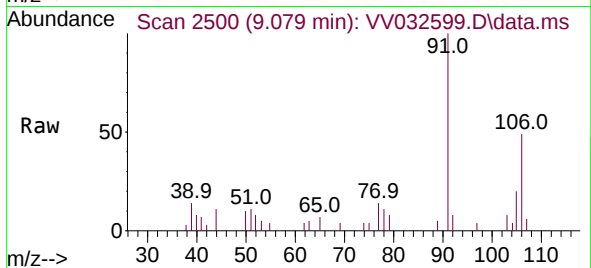




#53
 m,p-Xylene
 Concen: 0.189 ug/L
 RT: 9.079 min Scan# 2100
 Delta R.T. 0.003 min
 Lab File: VV032599.D
 Acq: 24 Oct 2023 18:54

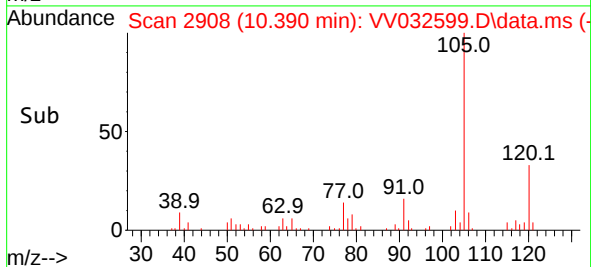
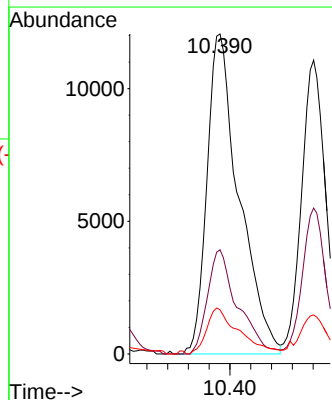
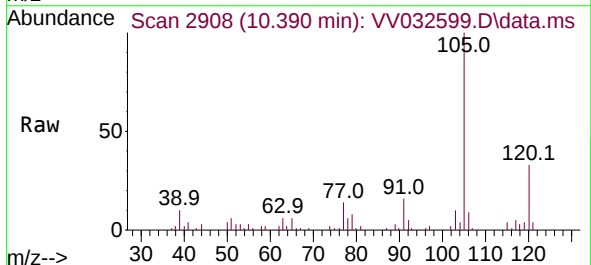
Instrument :
 MSVOA_V
 ClientSampleId :

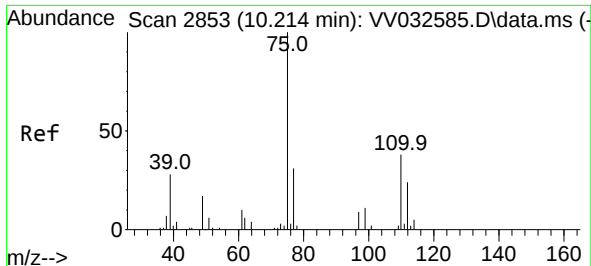
Tgt Ion:106 Resp: 3695
 Ion Ratio Lower Upper
 106 100
 91 202.3 144.5 268.3



#60
 Isopropylbenzene
 Concen: 0.548 ug/L
 RT: 10.390 min Scan# 2908
 Delta R.T. 0.521 min
 Lab File: VV032599.D
 Acq: 24 Oct 2023 18:54

Tgt Ion:105 Resp: 25833
 Ion Ratio Lower Upper
 105 100
 120 30.5 21.0 31.6
 77 14.4 12.6 19.0





#61

1,2,3-Trichloropropane

Concen: 1.209 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.974 min

Lab File: VV032599.D

Acq: 24 Oct 2023 18:54

Instrument :

MSVOA_V

ClientSampleId :

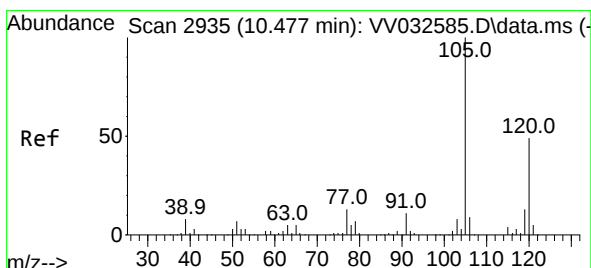
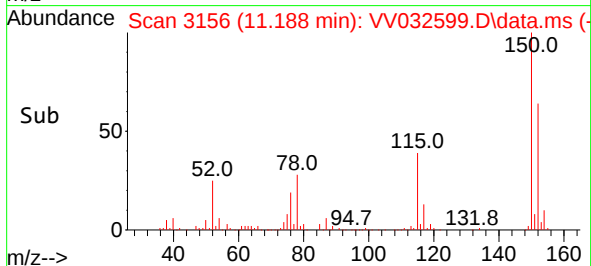
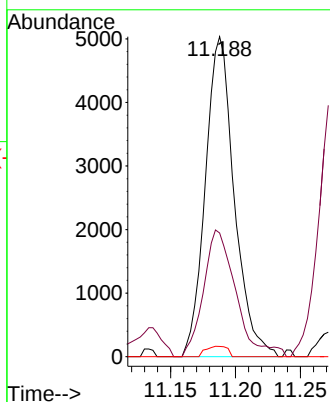
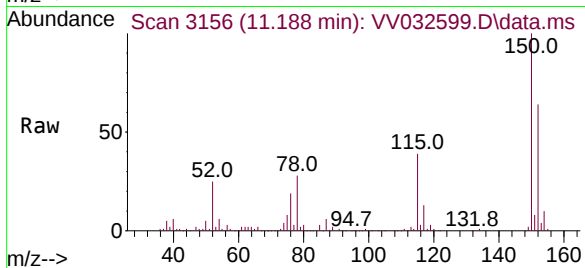
Tgt Ion: 75 Resp: 7797

Ion Ratio Lower Upper

75 100

77 44.1 26.2 39.2#

110 2.4 30.6 46.0#



#62

1,3,5-Trimethylbenzene

Concen: 0.444 ug/L

RT: 10.480 min Scan# 2936

Delta R.T. 0.003 min

Lab File: VV032599.D

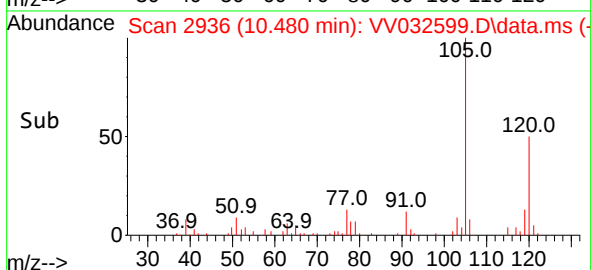
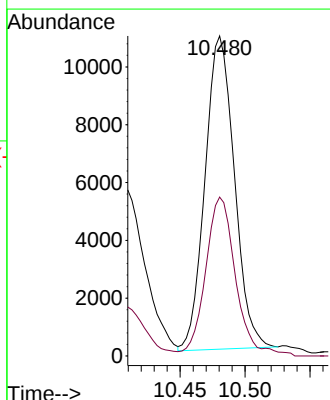
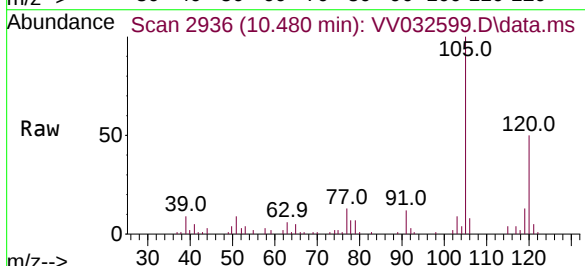
Acq: 24 Oct 2023 18:54

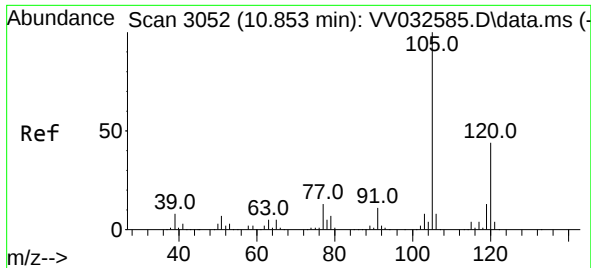
Tgt Ion: 105 Resp: 17042

Ion Ratio Lower Upper

105 100

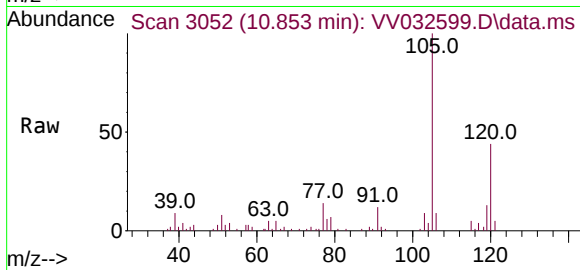
120 51.9 39.9 59.9



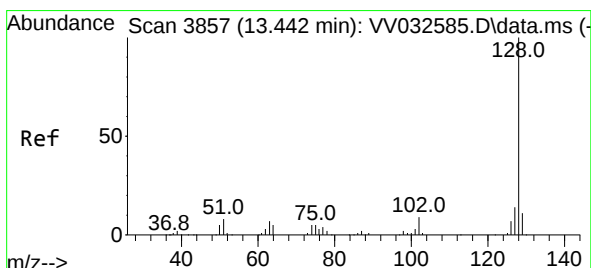
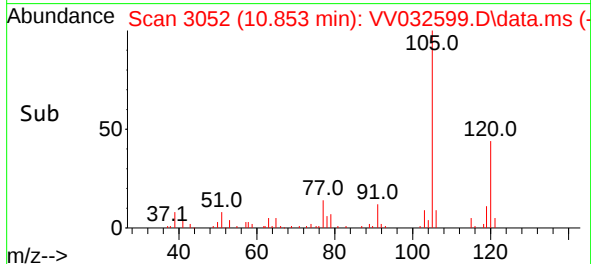
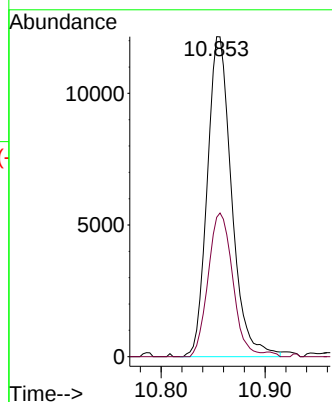


#63
1,2,4-Trimethylbenzene
Concen: 0.517 ug/L
RT: 10.853 min Scan# 3052
Delta R.T. 0.000 min
Lab File: VV032599.D
Acq: 24 Oct 2023 18:54

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:105 Resp: 19770
Ion Ratio Lower Upper
105 100
120 45.0 36.2 54.4



#71
Naphthalene
Concen: 1.785 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.000 min
Lab File: VV032599.D
Acq: 24 Oct 2023 18:54

Tgt Ion:128 Resp: 44324
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.9 10.2 15.2

