

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100523\
 Data File : VW032277.D
 Acq On : 06 Oct 2023 00:14
 Operator : SY/MD
 Sample : 04748-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 05:27:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 06 05:25:10 2023
 Response via : Initial Calibration

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

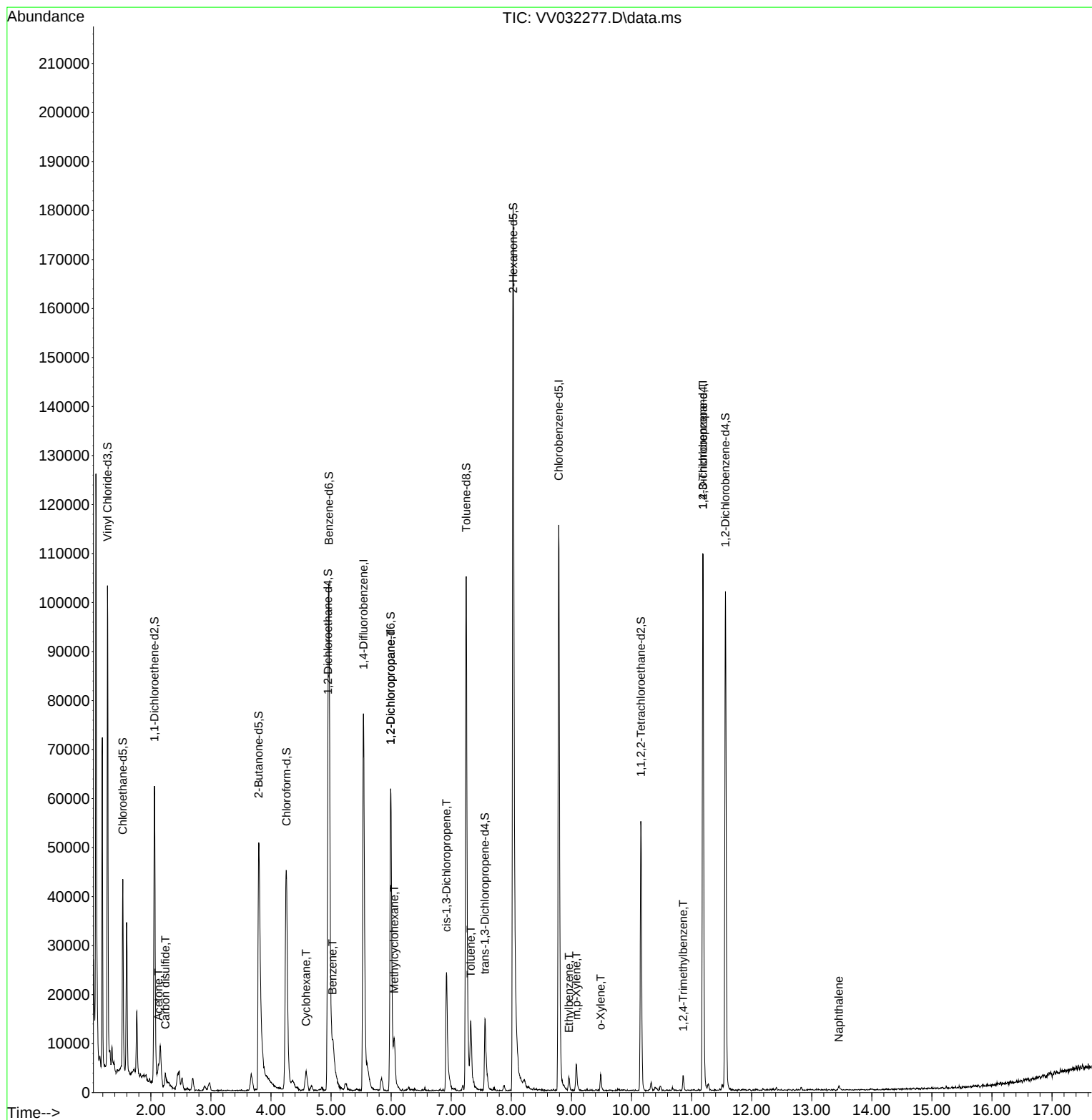
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	67614	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	67293	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	29280	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	26087	4.744	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.532	69	24276	5.439	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.800%
11) 1,1-Dichloroethene-d2	2.060	65	10308	4.445	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.800%
20) 2-Butanone-d5	3.796	46	93394	67.139	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.280%#
24) Chloroform-d	4.256	84	50040	5.158	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	4.947	65	26986	5.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.400%
32) Benzene-d6	4.963	84	91704	4.631	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	5.992	67	35234	5.371	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.400%
41) Toluene-d8	7.249	98	74153	4.095	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	7.561	79	10558	4.542	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.030	63	67202	61.439	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.880%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	27428	5.977	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	26722	4.918	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						Qvalue
13) Acetone	2.127	43	3333	3.109	ug/L	90
14) Carbon disulfide	2.243	76	2464	0.142	ug/L #	95
30) Cyclohexane	4.584	56	1956	0.195	ug/L #	82
33) Benzene	5.024	78	5482	0.231	ug/L	100
35) Methylcyclohexane	6.050	83	2516	0.251	ug/L	95
37) 1,2-Dichloropropane	5.992	63	3395	0.536	ug/L #	87
39) cis-1,3-Dichloropropene	6.918	75	754	0.084	ug/L #	80
42) Toluene	7.326	91	11672	0.462	ug/L	95
52) Ethylbenzene	8.960	91	2381	0.085	ug/L	91
53) m,p-Xylene	9.082	106	1793	0.172	ug/L	74
54) o-Xylene	9.487	106	1042	0.104	ug/L	72
61) 1,2,3-Trichloropropane	11.188	75	3864	1.240	ug/L #	65
63) 1,2,4-Trimethylbenzene	10.860	105	2000	0.108	ug/L	95
71) Naphthalene	13.451	128	1123	0.094	ug/L #	86

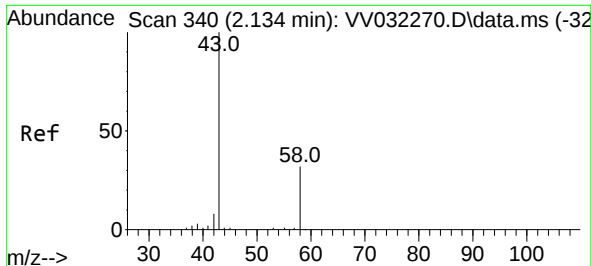
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.109 ug/L

RT: 2.127 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV032277.D

Acq: 06 Oct 2023 00:14

Instrument :

MSVOA_V

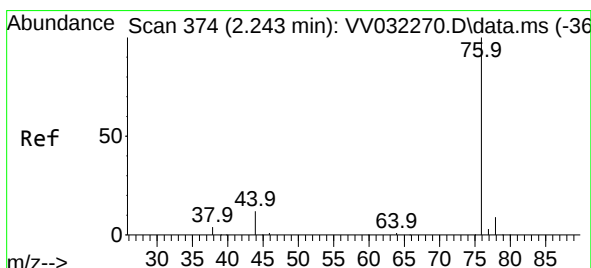
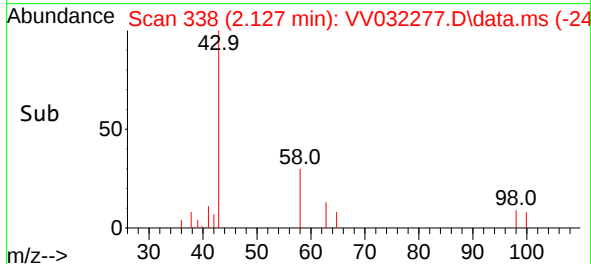
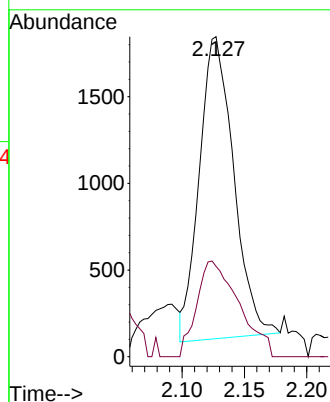
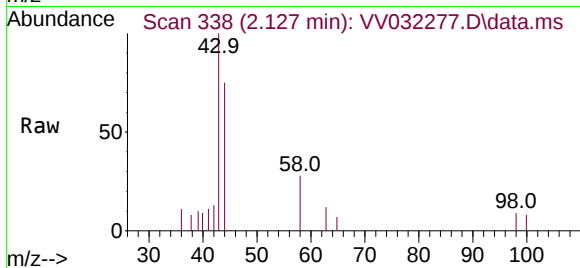
ClientSampleId :

Tgt Ion: 43 Resp: 3333

Ion Ratio Lower Upper

43 100

58 38.9 0.0 66.0



#14

Carbon disulfide

Concen: 0.142 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV032277.D

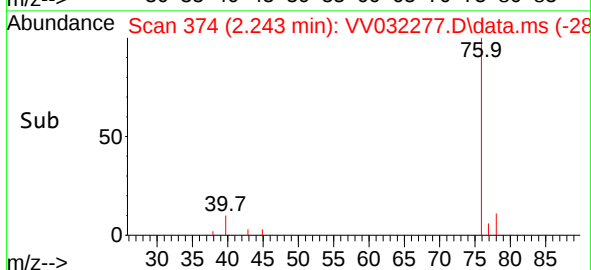
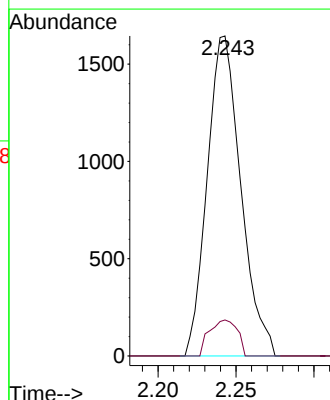
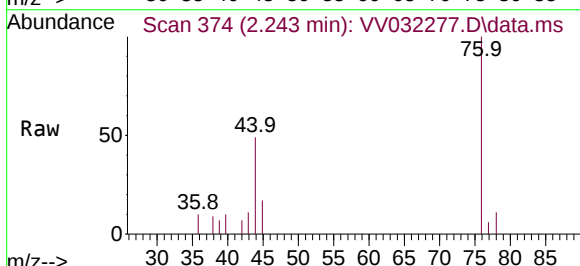
Acq: 06 Oct 2023 00:14

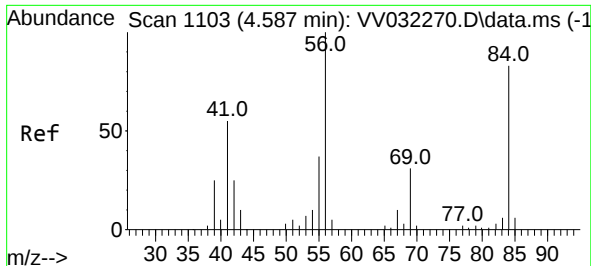
Tgt Ion: 76 Resp: 2464

Ion Ratio Lower Upper

76 100

78 11.2 7.4 11.2#

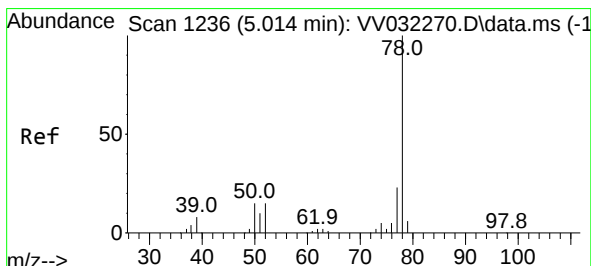
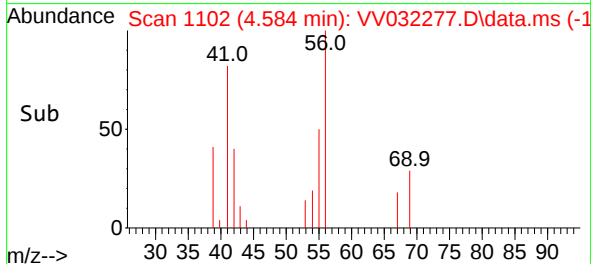
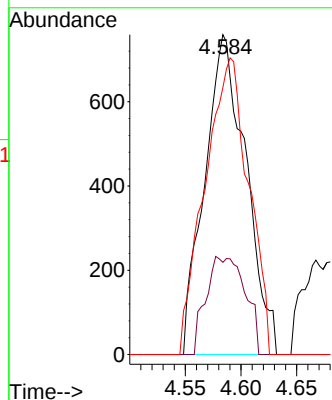
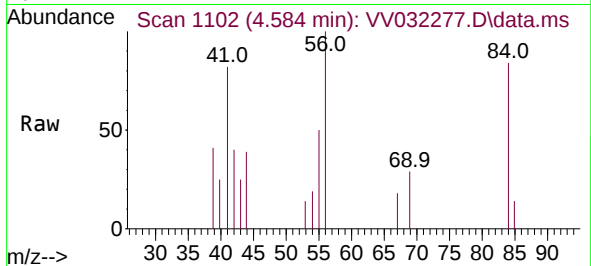




#30
Cyclohexane
Concen: 0.195 ug/L
RT: 4.584 min Scan# 1103
Delta R.T. -0.003 min
Lab File: VV032277.D
Acq: 06 Oct 2023 00:14

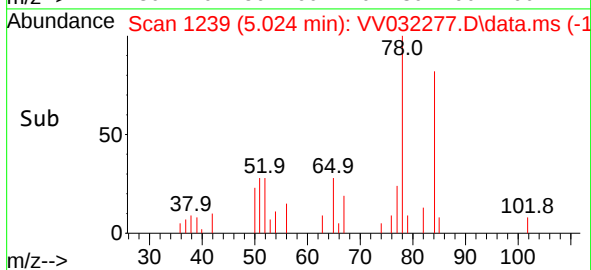
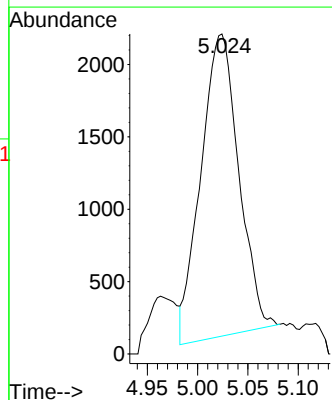
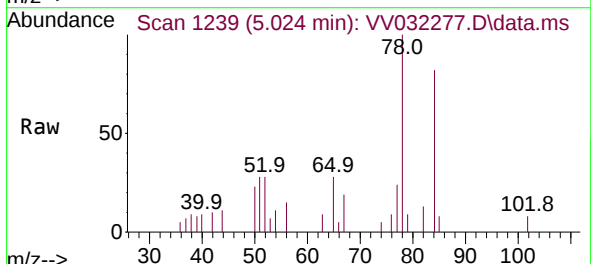
Instrument :
MSVOA_V
ClientSampleId :

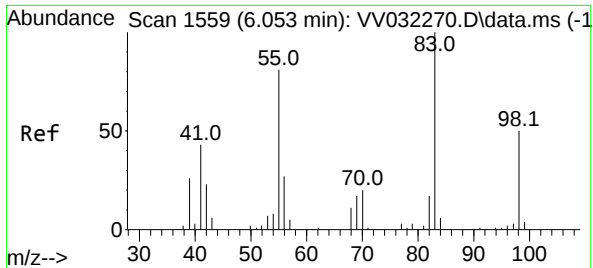
Tgt Ion: 56 Resp: 1956
Ion Ratio Lower Upper
56 100
69 13.4 24.2 36.2#
84 98.0 68.1 102.1



#33
Benzene
Concen: 0.231 ug/L
RT: 5.024 min Scan# 1239
Delta R.T. 0.010 min
Lab File: VV032277.D
Acq: 06 Oct 2023 00:14

Tgt Ion: 78 Resp: 5482

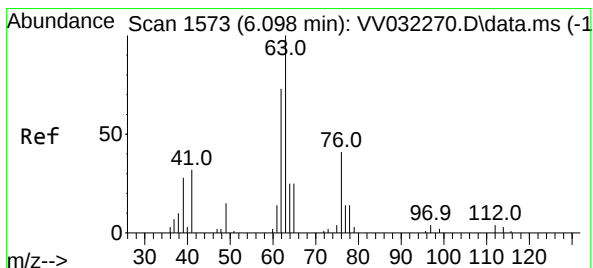
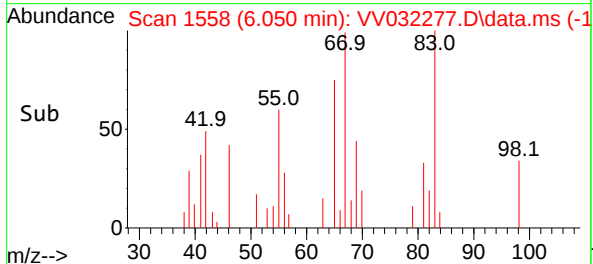
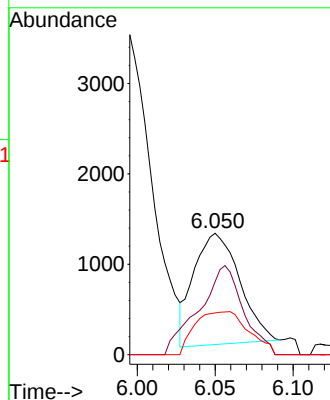
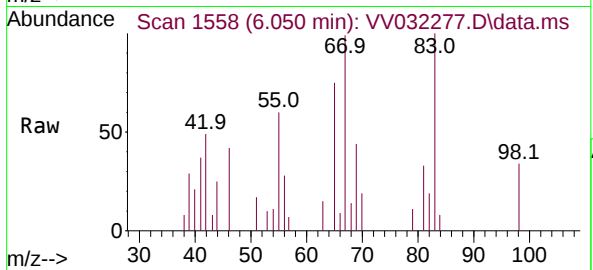




#35
Methylcyclohexane
Concen: 0.251 ug/L
RT: 6.050 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV032277.D
Acq: 06 Oct 2023 00:14

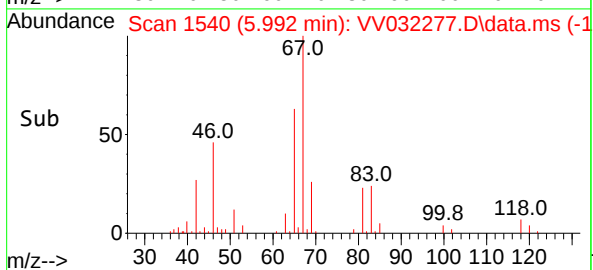
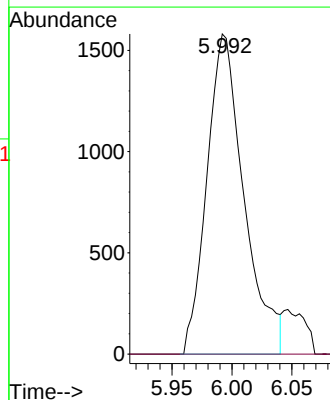
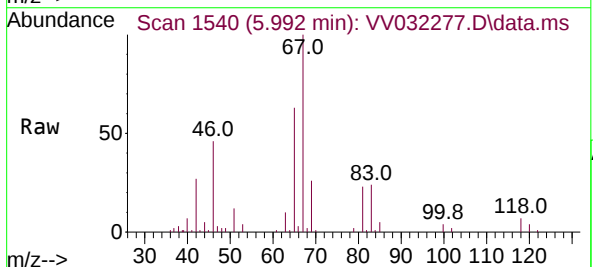
Instrument :
MSVOA_V
ClientSampleId :

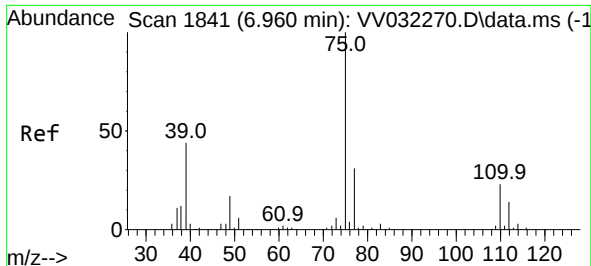
Tgt Ion: 83 Resp: 2516
Ion Ratio Lower Upper
83 100
55 77.2 64.2 96.2
98 45.2 39.6 59.4



#37
1,2-Dichloropropane
Concen: 0.536 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.106 min
Lab File: VV032277.D
Acq: 06 Oct 2023 00:14

Tgt Ion: 63 Resp: 3395
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 6.918 min Scan# 1828

Delta R.T. -0.042 min

Lab File: VV032277.D

Acq: 06 Oct 2023 00:14

Instrument :

MSVOA_V

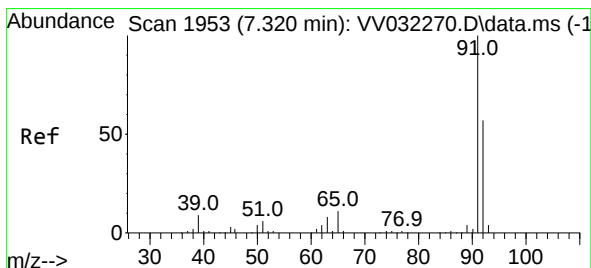
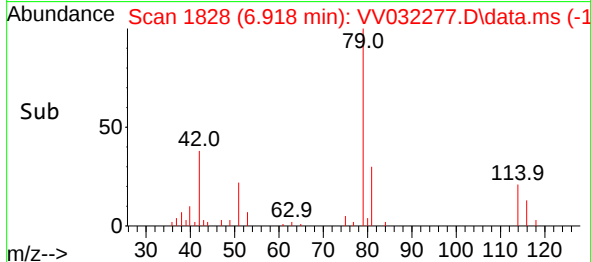
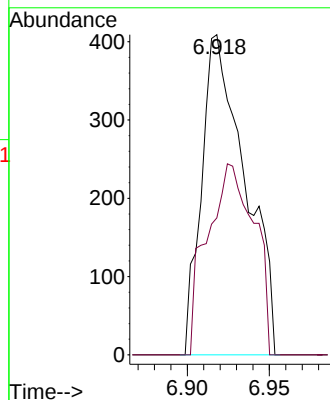
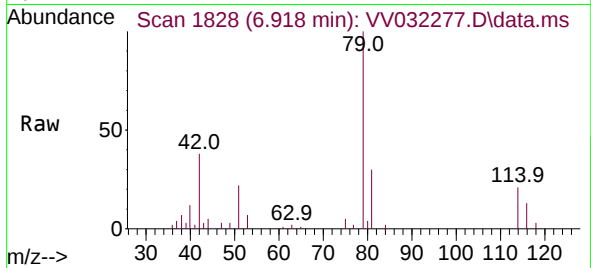
ClientSampleId :

Tgt Ion: 75 Resp: 754

Ion Ratio Lower Upper

75 100

77 42.8 22.2 41.2#



#42

Toluene

Concen: 0.462 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VV032277.D

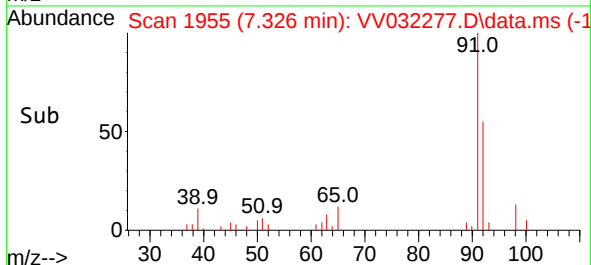
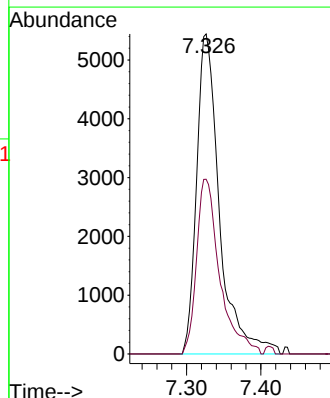
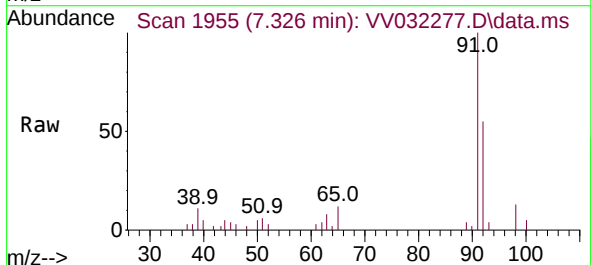
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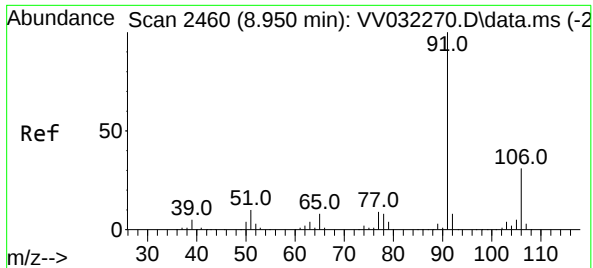
Tgt Ion: 91 Resp: 11672

Ion Ratio Lower Upper

91 100

92 54.6 40.8 75.8

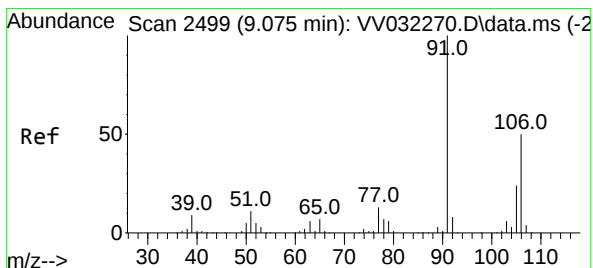
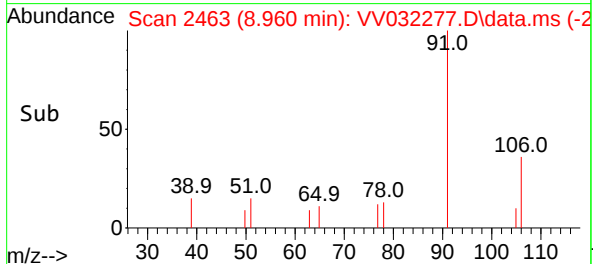
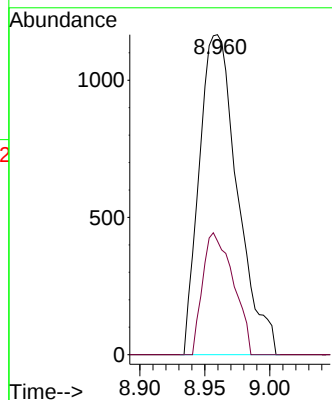
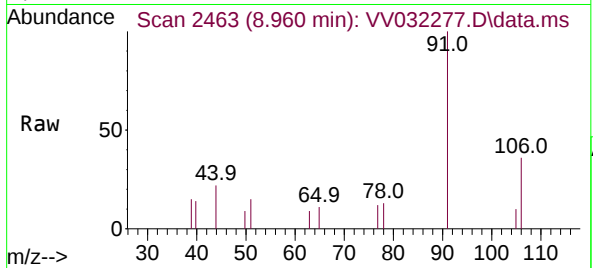




#52
Ethylbenzene
Concen: 0.085 ug/L
RT: 8.960 min Scan# 2460
Delta R.T. 0.010 min
Lab File: VV032277.D
Acq: 06 Oct 2023 00:14

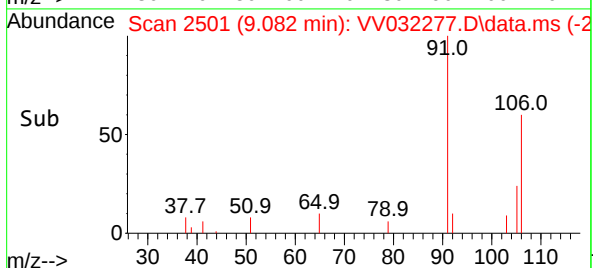
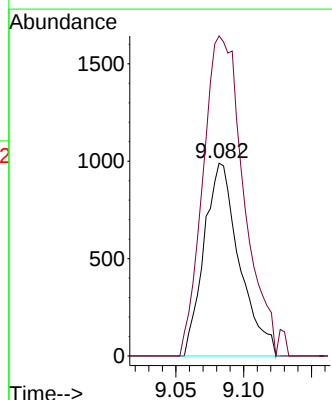
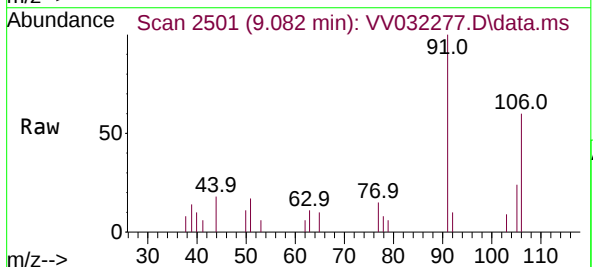
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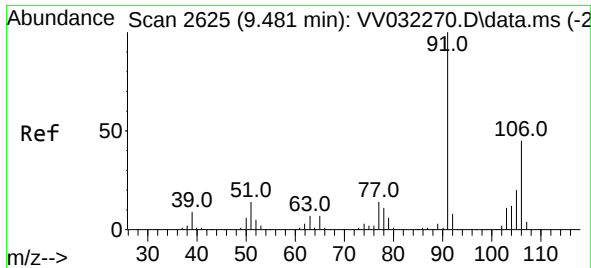
Tgt Ion: 91 Resp: 2381
Ion Ratio Lower Upper
91 100
106 35.5 21.3 39.5



#53
m,p-Xylene
Concen: 0.172 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.006 min
Lab File: VV032277.D
Acq: 06 Oct 2023 00:14

Tgt Ion: 106 Resp: 1793
Ion Ratio Lower Upper
106 100
91 166.0 144.5 268.3

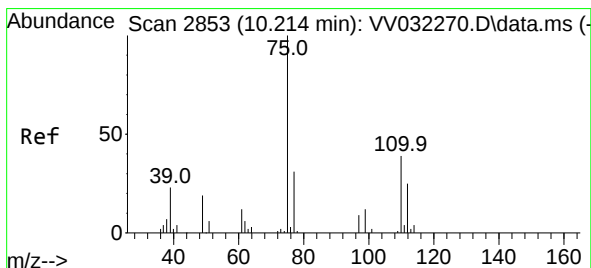
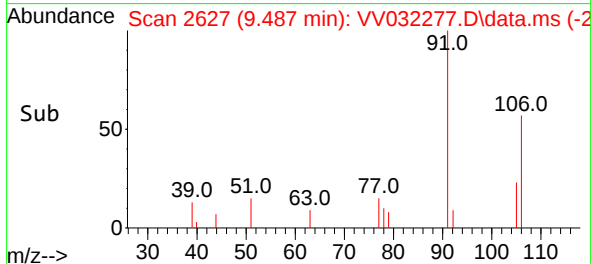
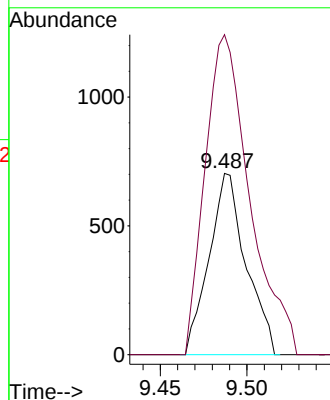
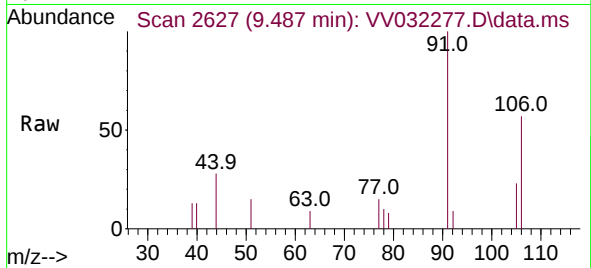




#54
o-Xylene
Concen: 0.104 ug/L
RT: 9.487 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV032277.D
Acq: 06 Oct 2023 00:14

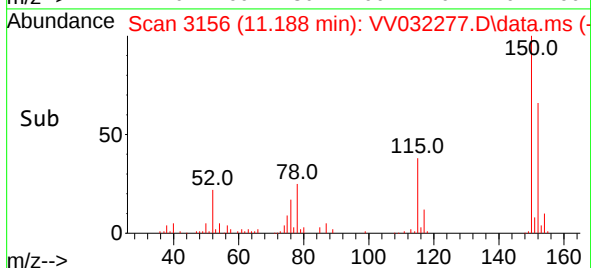
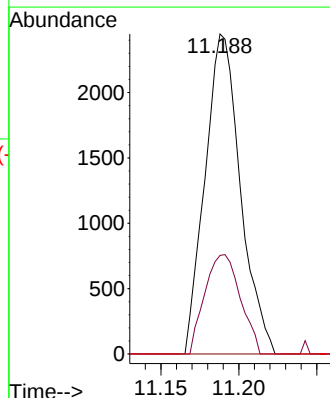
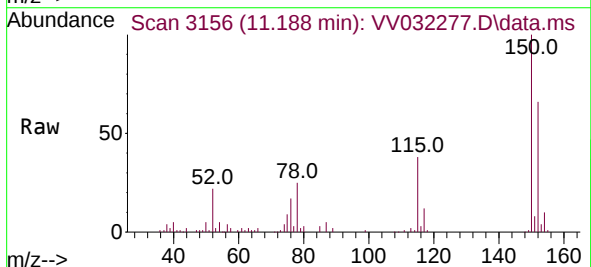
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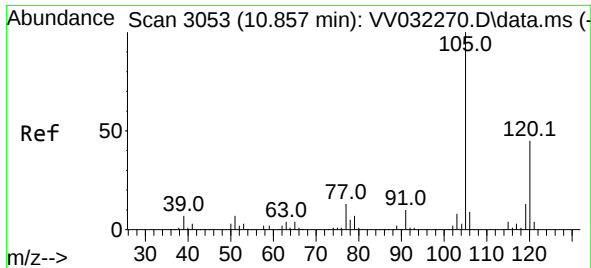
Tgt Ion:106 Resp: 1042
Ion Ratio Lower Upper
106 100
91 176.4 154.8 287.4



#61
1,2,3-Trichloropropane
Concen: 1.240 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.974 min
Lab File: VV032277.D
Acq: 06 Oct 2023 00:14

Tgt Ion: 75 Resp: 3864
Ion Ratio Lower Upper
75 100
77 31.2 26.2 39.2
110 0.0 30.6 46.0#

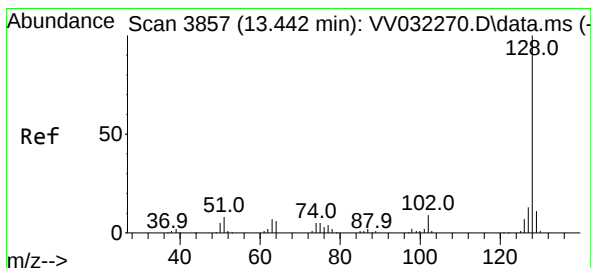
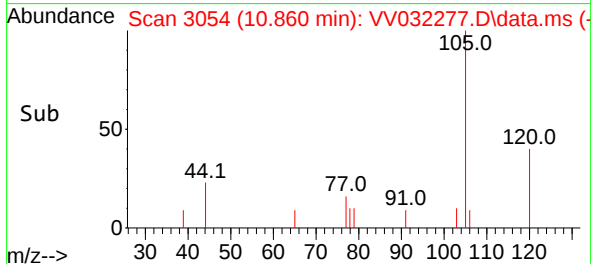
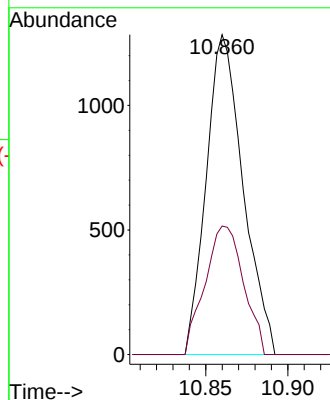
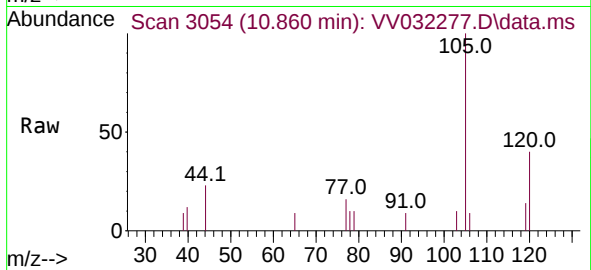




#63
1,2,4-Trimethylbenzene
Concen: 0.108 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.003 min
Lab File: VV032277.D
Acq: 06 Oct 2023 00:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 2000
Ion Ratio Lower Upper
105 100
120 42.1 36.2 54.4



#71
Naphthalene
Concen: 0.094 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.010 min
Lab File: VV032277.D
Acq: 06 Oct 2023 00:14

Tgt Ion:128 Resp: 1123
Ion Ratio Lower Upper
128 100
129 6.5 9.0 13.4#
127 6.5 10.2 15.2#

