

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100523\
 Data File : VW032279.D
 Acq On : 06 Oct 2023 01:03
 Operator : SY/MD
 Sample : 04748-25
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 05:28:26 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	78585	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	77556	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	32510	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	26379	4.127	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.532	69	25334	4.883	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.060	65	11061	4.104	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	3.802	46	90079	55.715	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.440%
24) Chloroform-d	4.252	84	51208	4.542	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	4.947	65	26418	4.947	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	4.966	84	97131	4.256	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	5.992	67	36215	4.790	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.246	98	80777	3.871	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.400%
43) trans-1,3-Dichloroprop...	7.561	79	10517	3.925	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.600%
46) 2-Hexanone-d5	8.030	63	67804	53.786	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.580%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	26564	5.023	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	11.564	152	26561	4.403	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
13) Acetone	2.127	43	8709	6.989	ug/L	94
14) Carbon disulfide	2.243	76	1934	0.096	ug/L #	85
15) Methyl Acetate	2.474	43	2750	0.980	ug/L #	53
30) Cyclohexane	4.590	56	2183	0.188	ug/L #	90
31) Carbon tetrachloride	4.741	117	6786	0.761	ug/L	96
33) Benzene	5.018	78	14953	0.548	ug/L	100
34) Trichloroethene	5.844	95	1968	0.264	ug/L	91
35) Methylcyclohexane	6.050	83	2889	0.250	ug/L #	76
37) 1,2-Dichloropropane	5.992	63	3781	0.518	ug/L #	87
39) cis-1,3-Dichloropropene	6.924	75	683	0.066	ug/L #	54
42) Toluene	7.323	91	23783	0.817	ug/L	99
52) Ethylbenzene	8.956	91	4257	0.131	ug/L	96
53) m,p-Xylene	9.082	106	3077	0.256	ug/L	98
54) o-Xylene	9.490	106	1541	0.133	ug/L	84
61) 1,2,3-Trichloropropane	11.191	75	4204	1.215	ug/L #	67
63) 1,2,4-Trimethylbenzene	10.863	105	2276	0.111	ug/L	99
71) Naphthalene	13.451	128	1758	0.132	ug/L #	87

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Quant Time: Oct 06 05:28:26 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

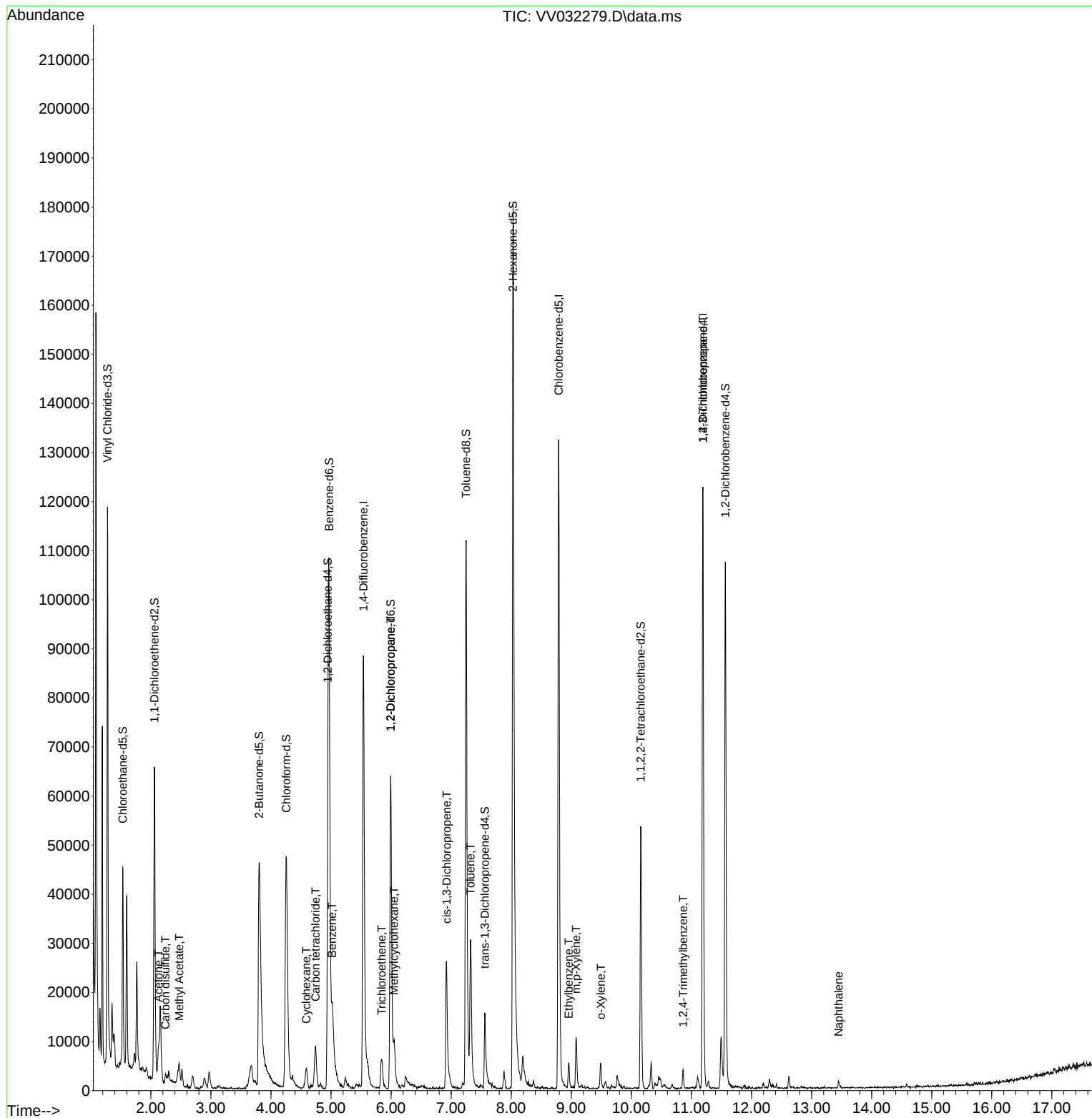
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

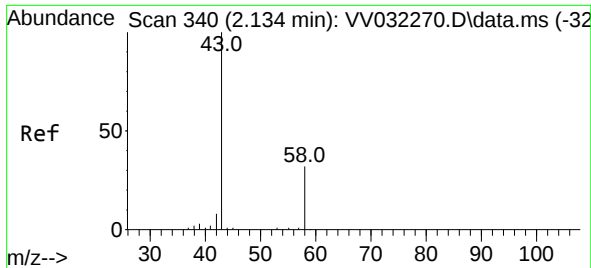
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#13

Acetone

Concen: 6.989 ug/L

RT: 2.127 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV032279.D

Acq: 06 Oct 2023 01:03

Instrument :

MSVOA_V

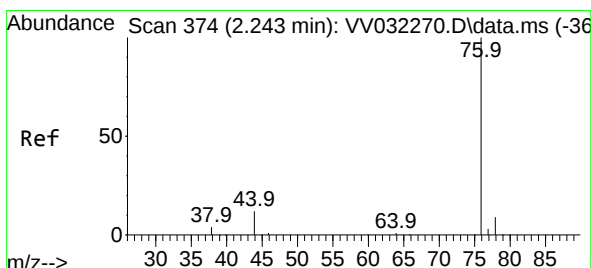
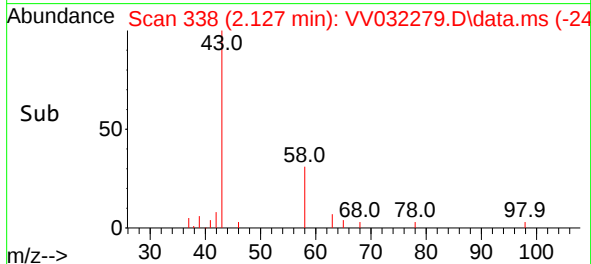
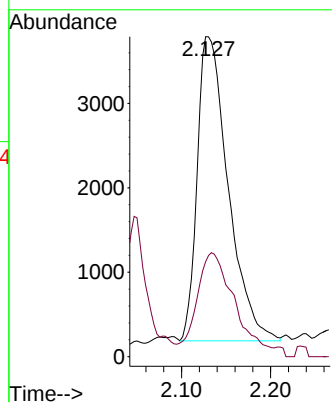
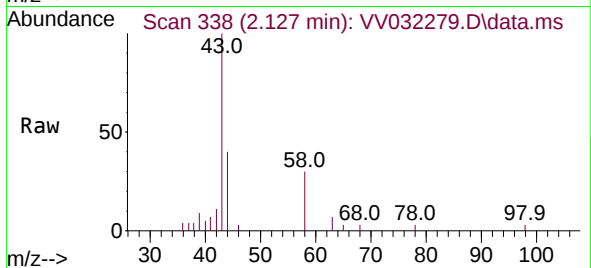
ClientSampleId :

Tgt Ion: 43 Resp: 8709

Ion Ratio Lower Upper

43 100

58 36.5 0.0 66.0



#14

Carbon disulfide

Concen: 0.096 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.000 min

Lab File: VV032279.D

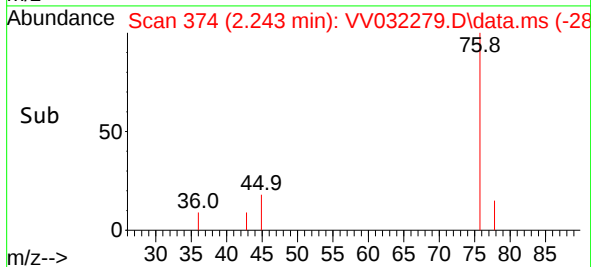
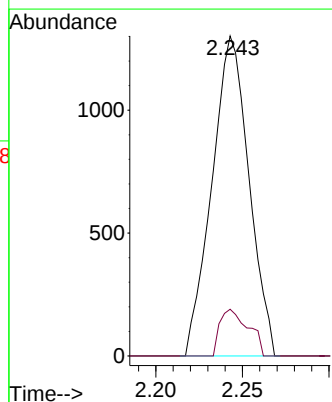
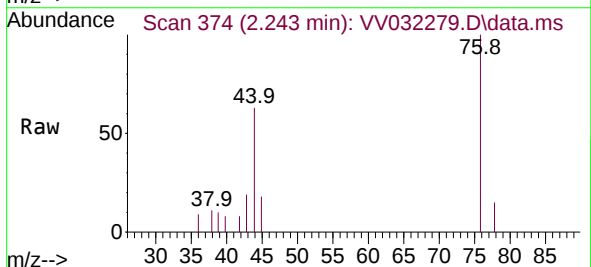
Acq: 06 Oct 2023 01:03

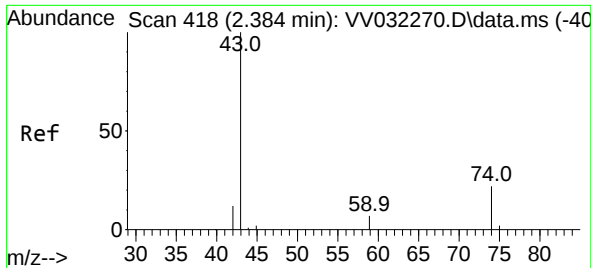
Tgt Ion: 76 Resp: 1934

Ion Ratio Lower Upper

76 100

78 14.6 7.4 11.2#

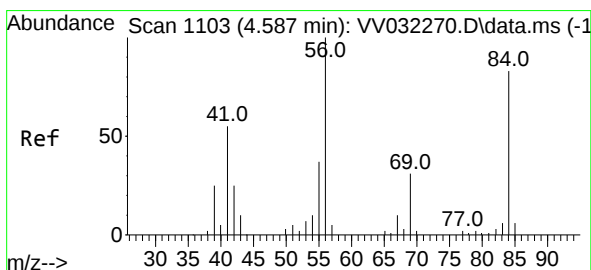
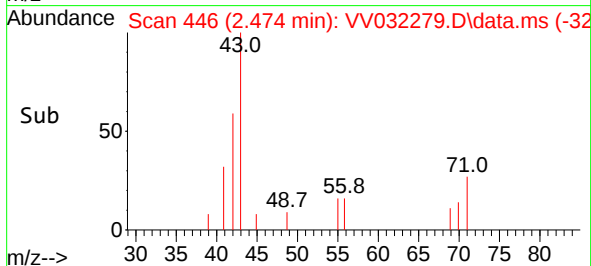
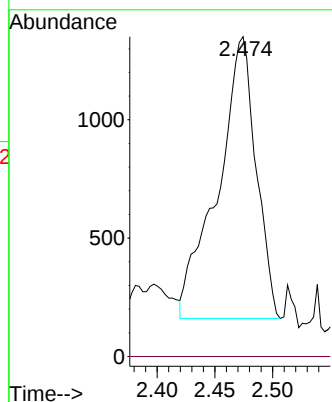
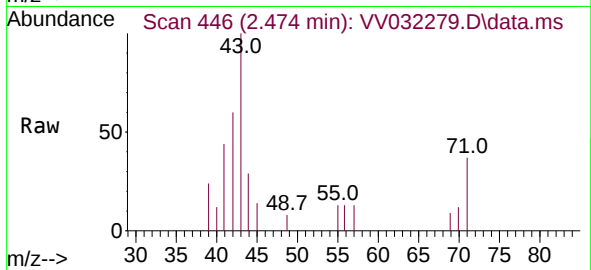




#15
Methyl Acetate
Concen: 0.980 ug/L
RT: 2.474 min Scan# 446
Delta R.T. 0.090 min
Lab File: VV032279.D
Acq: 06 Oct 2023 01:03

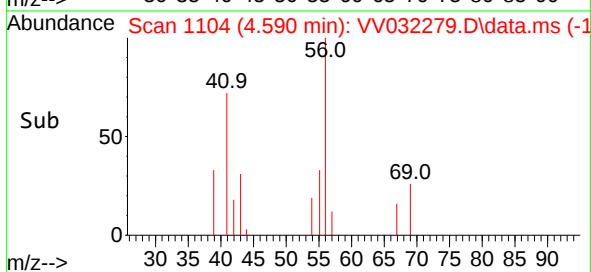
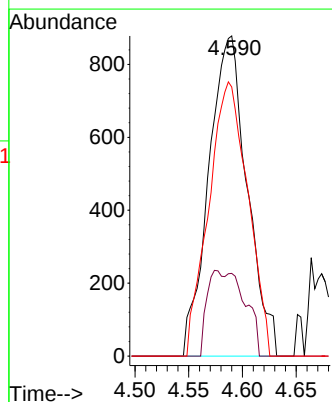
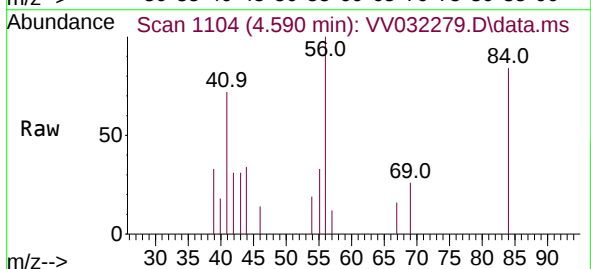
Instrument :
MSVOA_V
ClientSampleId :

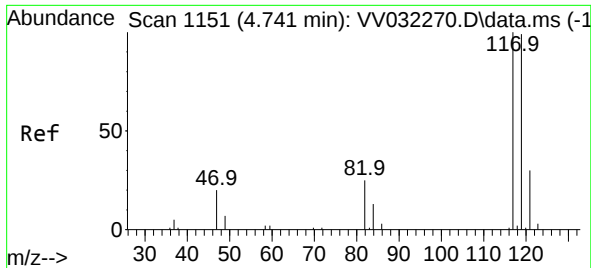
Tgt Ion: 43 Resp: 2750
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#



#30
Cyclohexane
Concen: 0.188 ug/L
RT: 4.590 min Scan# 1104
Delta R.T. 0.003 min
Lab File: VV032279.D
Acq: 06 Oct 2023 01:03

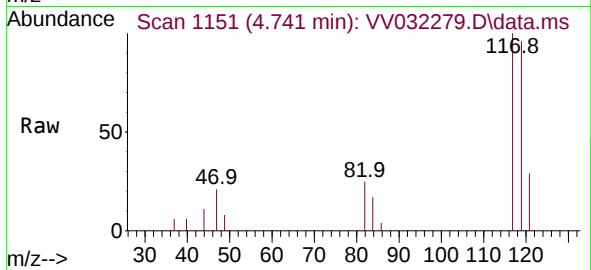
Tgt Ion: 56 Resp: 2183
Ion Ratio Lower Upper
56 100
69 12.5 24.2 36.2#
84 87.0 68.1 102.1



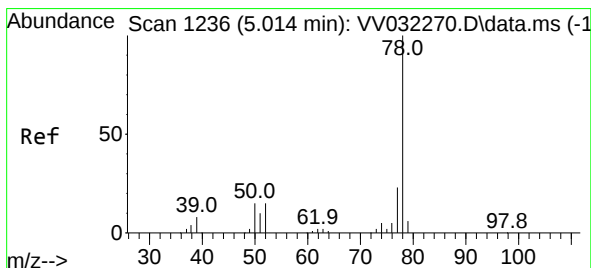
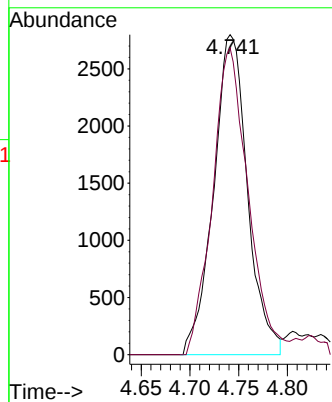
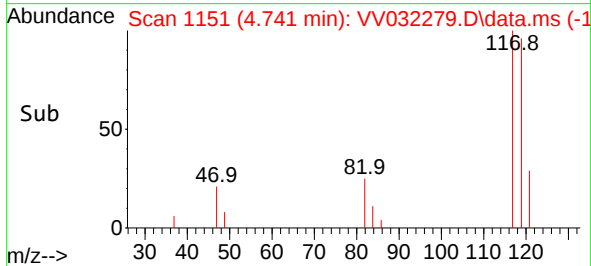


#31
Carbon tetrachloride
Concen: 0.761 ug/L
RT: 4.741 min Scan# 1151
Delta R.T. -0.000 min
Lab File: VV032279.D
Acq: 06 Oct 2023 01:03

Instrument :
MSVOA_V
ClientSampleId :

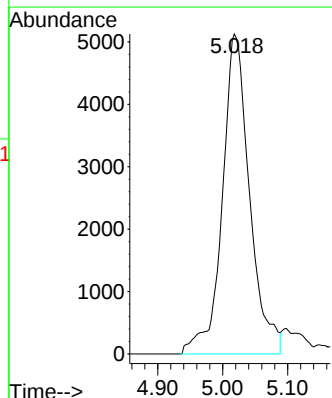
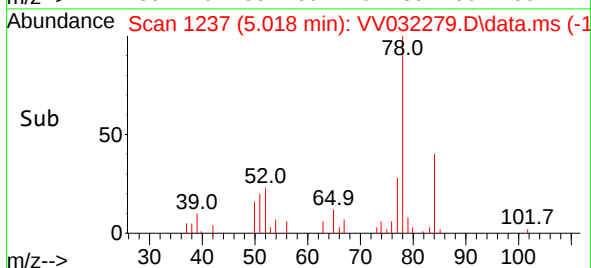
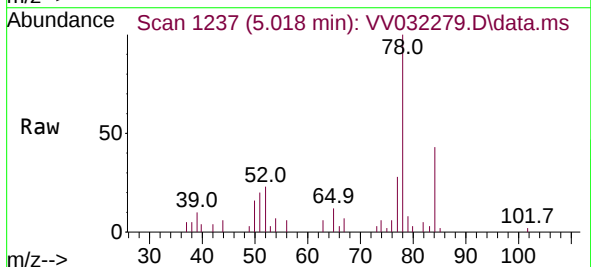


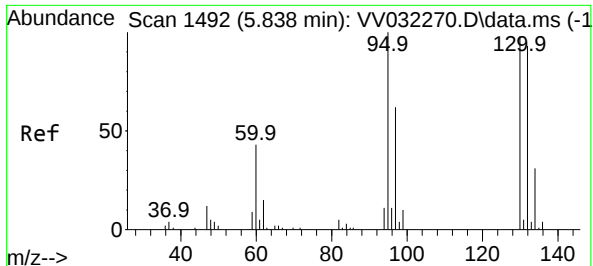
Tgt Ion:117 Resp: 6786
Ion Ratio Lower Upper
117 100
119 100.9 77.6 116.4



#33
Benzene
Concen: 0.548 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.003 min
Lab File: VV032279.D
Acq: 06 Oct 2023 01:03

Tgt Ion: 78 Resp: 14953



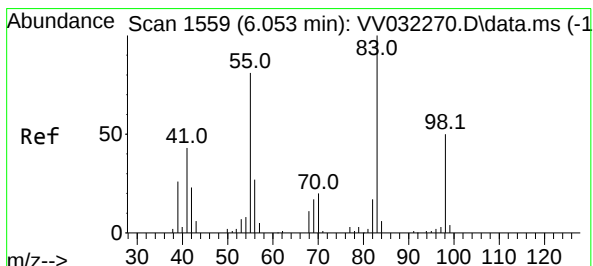
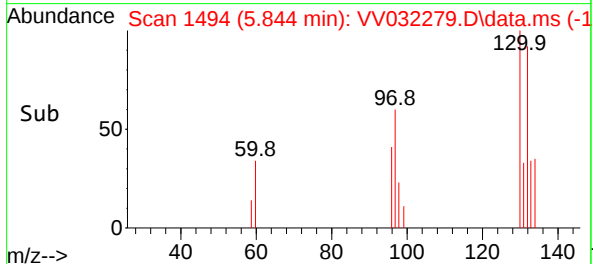
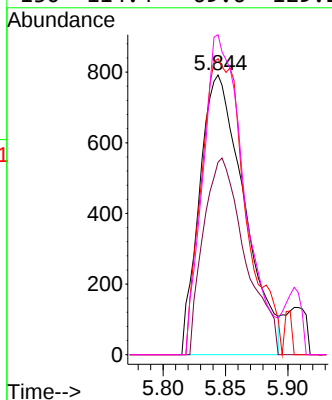
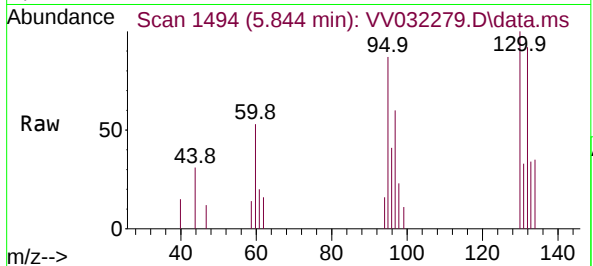


#34
Trichloroethene
Concen: 0.264 ug/L
RT: 5.844 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VV032279.D
Acq: 06 Oct 2023 01:03

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 1968

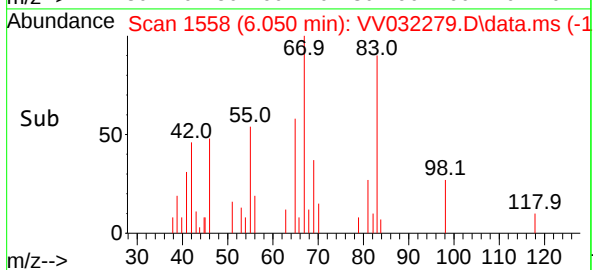
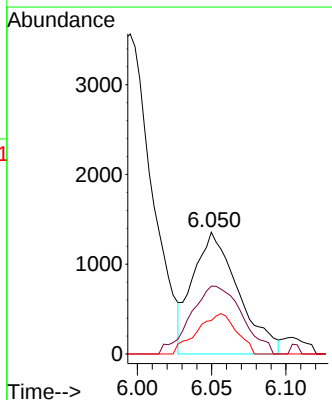
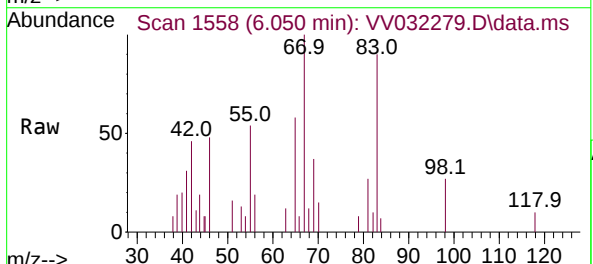
Ion	Ratio	Lower	Upper
95	100		
97	68.8	45.7	84.9
132	105.8	70.3	130.5
130	114.4	69.6	129.2

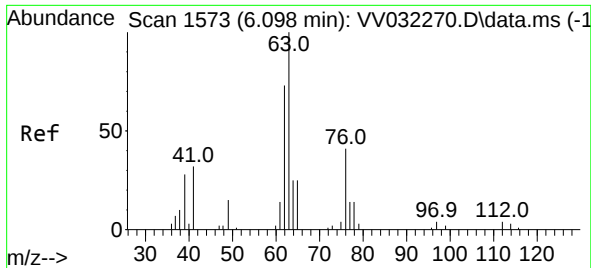


#35
Methylcyclohexane
Concen: 0.250 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.003 min
Lab File: VV032279.D
Acq: 06 Oct 2023 01:03

Tgt Ion: 83 Resp: 2889

Ion	Ratio	Lower	Upper
83	100		
55	62.8	64.2	96.2#
98	28.7	39.6	59.4#





#37

1,2-Dichloropropane

Concen: 0.518 ug/L

RT: 5.992 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV032279.D

Acq: 06 Oct 2023 01:03

Instrument :

MSVOA_V

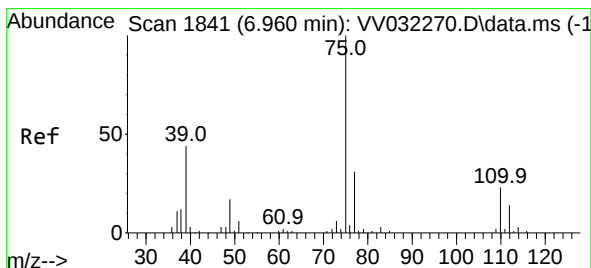
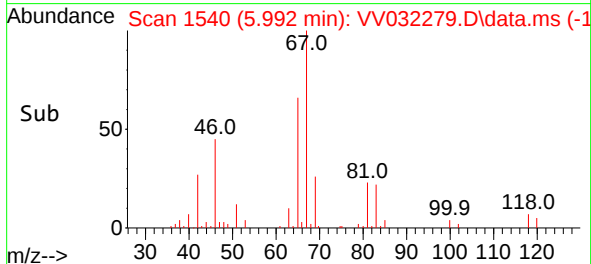
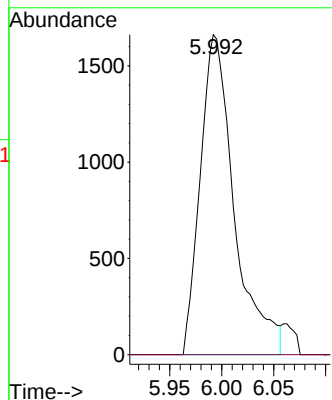
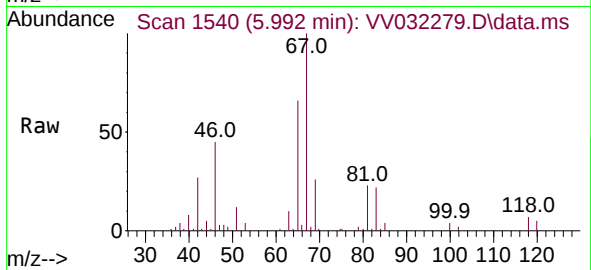
ClientSampleId :

Tgt Ion: 63 Resp: 3781

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.066 ug/L

RT: 6.924 min Scan# 1830

Delta R.T. -0.035 min

Lab File: VV032279.D

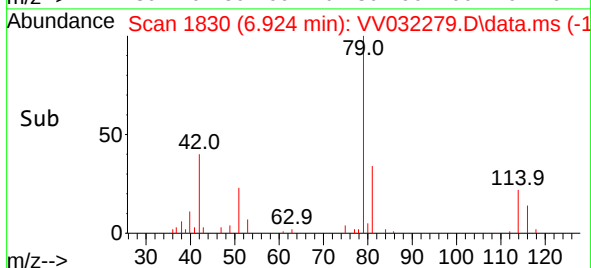
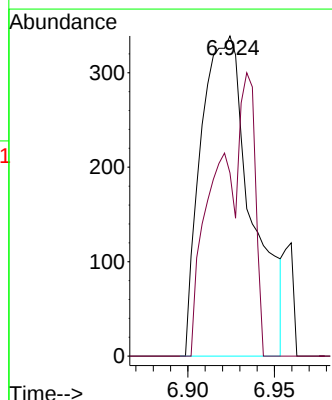
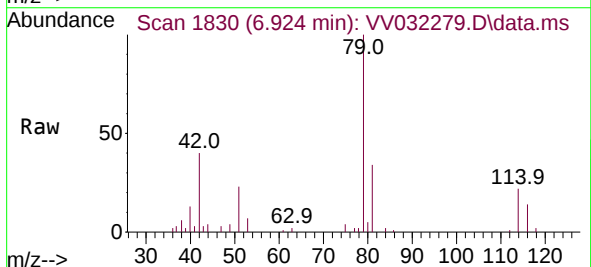
Acq: 06 Oct 2023 01:03

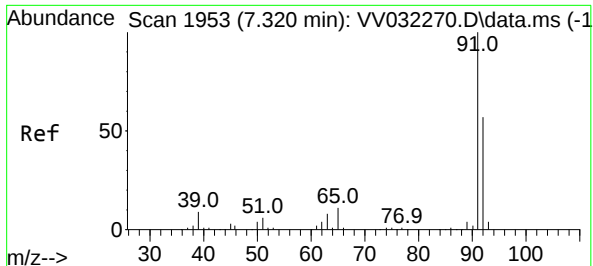
Tgt Ion: 75 Resp: 683

Ion Ratio Lower Upper

75 100

77 57.2 22.2 41.2#





#42

Toluene

Concen: 0.817 ug/L

RT: 7.323 min Scan# 1953

Delta R.T. 0.003 min

Lab File: VV032279.D

Acq: 06 Oct 2023 01:03

Instrument :

MSVOA_V

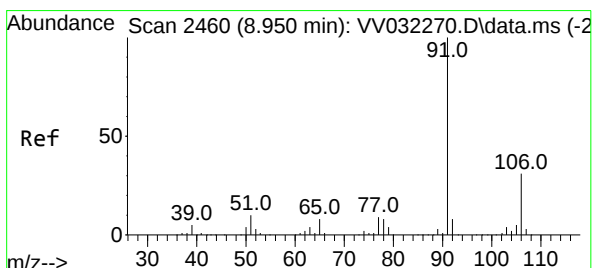
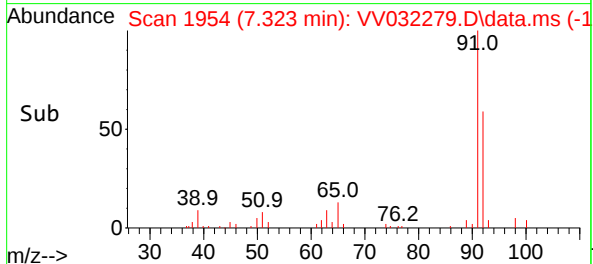
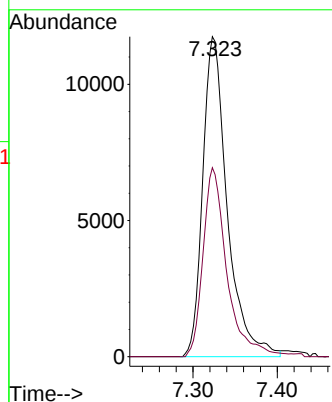
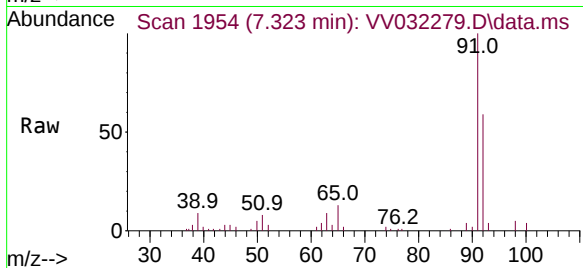
ClientSampleId :

Tgt Ion: 91 Resp: 23783

Ion Ratio Lower Upper

91 100

92 59.0 40.8 75.8



#52

Ethylbenzene

Concen: 0.131 ug/L

RT: 8.956 min Scan# 2462

Delta R.T. 0.006 min

Lab File: VV032279.D

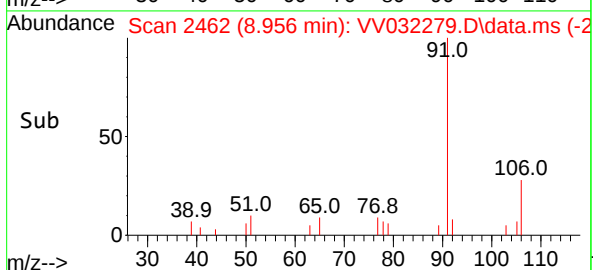
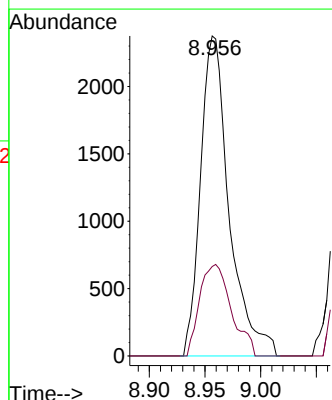
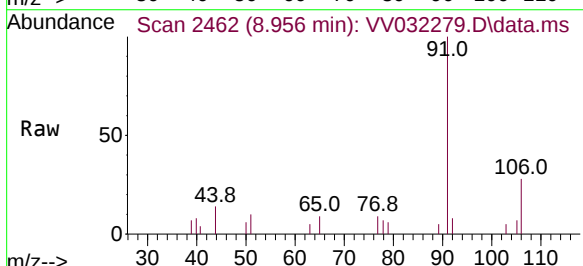
Acq: 06 Oct 2023 01:03

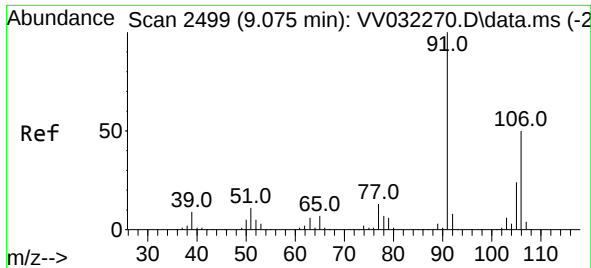
Tgt Ion: 91 Resp: 4257

Ion Ratio Lower Upper

91 100

106 28.0 21.3 39.5

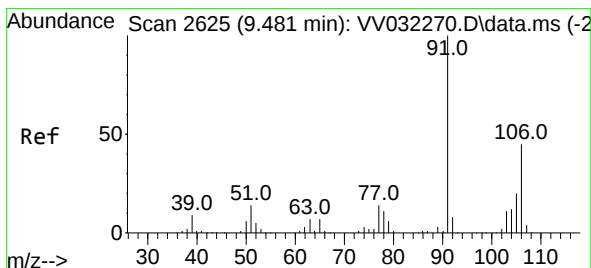
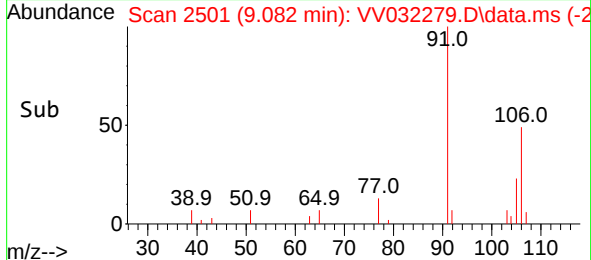
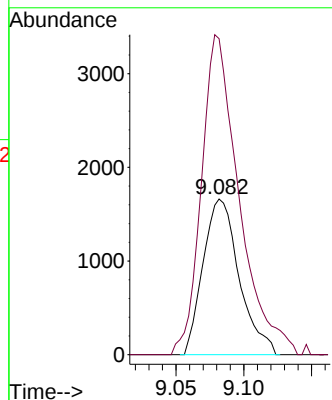
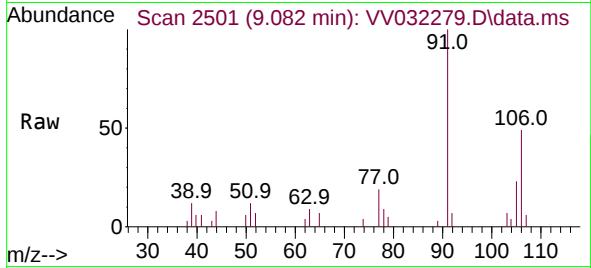




#53
m,p-Xylene
Concen: 0.256 ug/L
RT: 9.082 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV032279.D
Acq: 06 Oct 2023 01:03

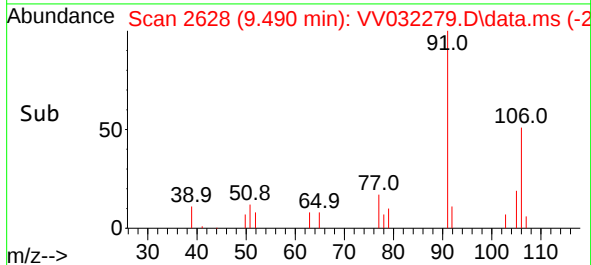
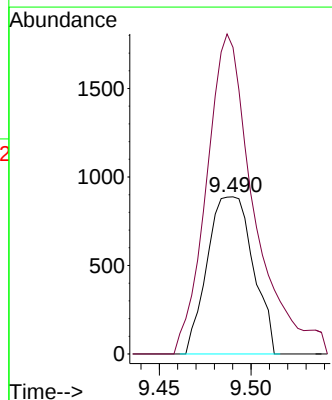
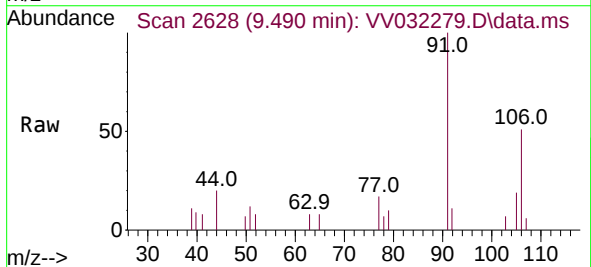
Instrument :
MSVOA_V
ClientSampleId :

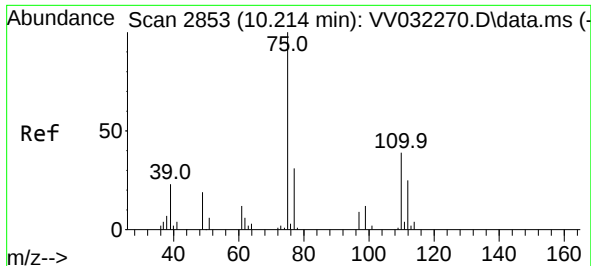
Tgt Ion:106 Resp: 3077
Ion Ratio Lower Upper
106 100
91 203.0 144.5 268.3



#54
o-Xylene
Concen: 0.133 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.010 min
Lab File: VV032279.D
Acq: 06 Oct 2023 01:03

Tgt Ion:106 Resp: 1541
Ion Ratio Lower Upper
106 100
91 195.0 154.8 287.4

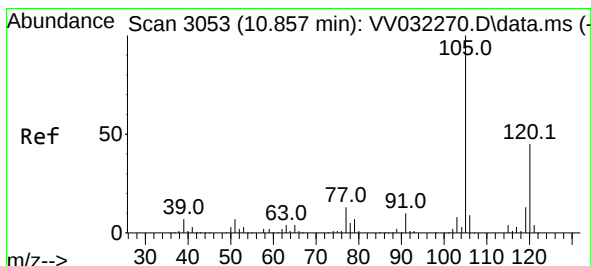
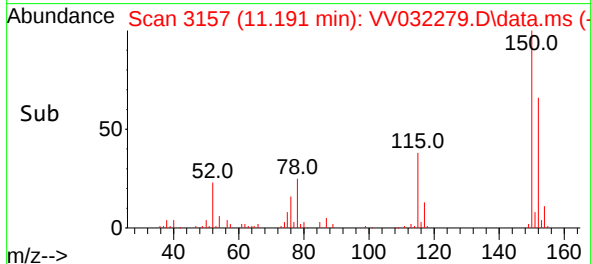
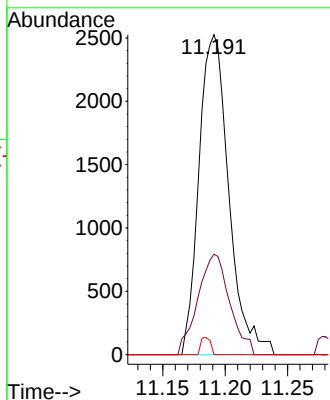
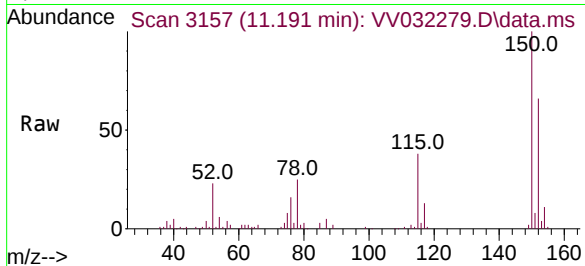




#61
1,2,3-Trichloropropane
Concen: 1.215 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.977 min
Lab File: VV032279.D
Acq: 06 Oct 2023 01:03

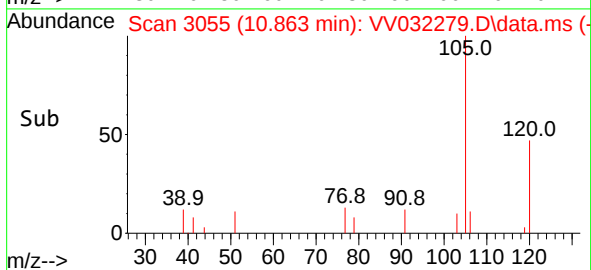
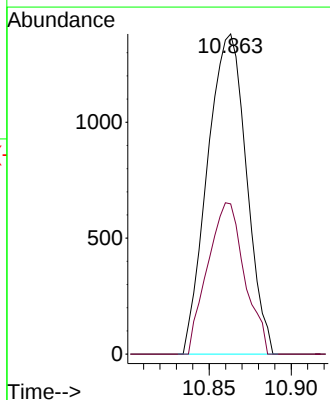
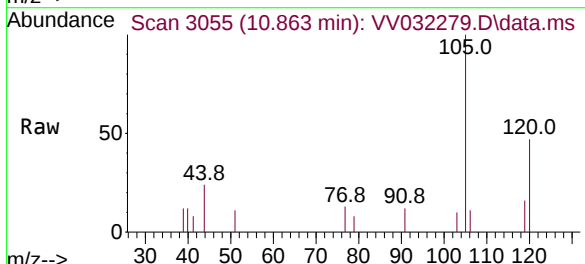
Instrument :
MSVOA_V
ClientSampleId :

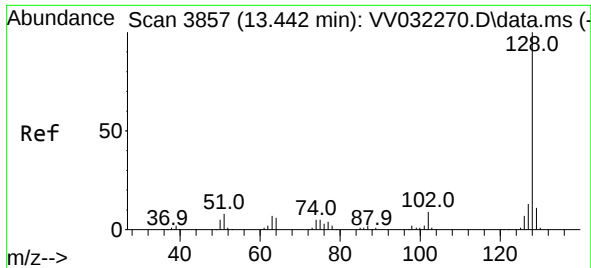
Tgt Ion: 75 Resp: 4204
Ion Ratio Lower Upper
75 100
77 33.4 26.2 39.2
110 1.7 30.6 46.0#



#63
1,2,4-Trimethylbenzene
Concen: 0.111 ug/L
RT: 10.863 min Scan# 3055
Delta R.T. 0.006 min
Lab File: VV032279.D
Acq: 06 Oct 2023 01:03

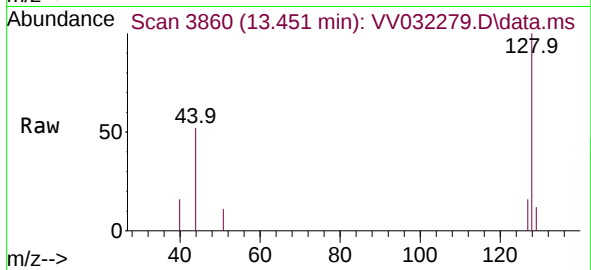
Tgt Ion: 105 Resp: 2276
Ion Ratio Lower Upper
105 100
120 44.8 36.2 54.4





#71
Naphthalene
Concen: 0.132 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.010 min
Lab File: VV032279.D
Acq: 06 Oct 2023 01:03

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 1758
Ion Ratio Lower Upper
128 100
129 4.0 9.0 13.4#
127 9.8 10.2 15.2#

