

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102423\
 Data File : VW032598.D
 Acq On : 24 Oct 2023 18:30
 Operator : SY/MD
 Sample : 04992-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 25 05:56:23 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	5.535	114	119433	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	136677	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	73731	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	31336	3.226	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.600%
7) Chloroethane-d5	1.532	69	33190	4.209	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.200%
11) 1,1-Dichloroethene-d2	2.060	65	12619	3.080	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.600%
20) 2-Butanone-d5	3.799	46	135663	55.211	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.420%
24) Chloroform-d	4.252	84	70257	4.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
26) 1,2-Dichloroethane-d4	4.947	65	39087	4.816	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	4.963	84	128787	3.202	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	64.000%#
36) 1,2-Dichloropropane-d6	5.992	67	44355	3.329	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	66.600%
41) Toluene-d8	7.246	98	108536	2.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	59.000%#
43) trans-1,3-Dichloroprop...	7.561	79	15912	3.370	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.400%
46) 2-Hexanone-d5	8.027	63	114250	51.427	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.860%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	49621	5.324	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	11.564	152	54110	3.955	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.000%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.214	50	2025	0.151	ug/L	98
13) Acetone	2.134	43	16166	8.536	ug/L	96
14) Carbon disulfide	2.243	76	8650	0.282	ug/L	96
15) Methyl Acetate	2.471	43	1303	0.306	ug/L #	53
35) Methylcyclohexane	6.053	83	10263	0.505	ug/L	90
37) 1,2-Dichloropropane	6.053	63	723	0.056	ug/L #	87
45) 1,1,2-Trichloroethane	7.722	97	5490	0.605	ug/L #	21
49) Dibromochloromethane	7.911	129	953	0.101	ug/L #	8
52) Ethylbenzene	8.950	91	123095	2.155	ug/L	99
53) m,p-Xylene	9.072	106	84801	4.003	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	10995	1.101	ug/L #	35
60) Isopropylbenzene	9.870	105	161233	2.814	ug/L	99
61) 1,2,3-Trichloropropane	10.291	75	2365	0.301	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.477	105	575213	12.317	ug/L	97
63) 1,2,4-Trimethylbenzene	10.853	105	604805	13.008	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.352	75	1325	0.826	ug/L #	1
71) Naphthalene	13.442	128	350934	11.618	ug/L	100

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 25 05:52:45 2023
Response via : Initial Calibration

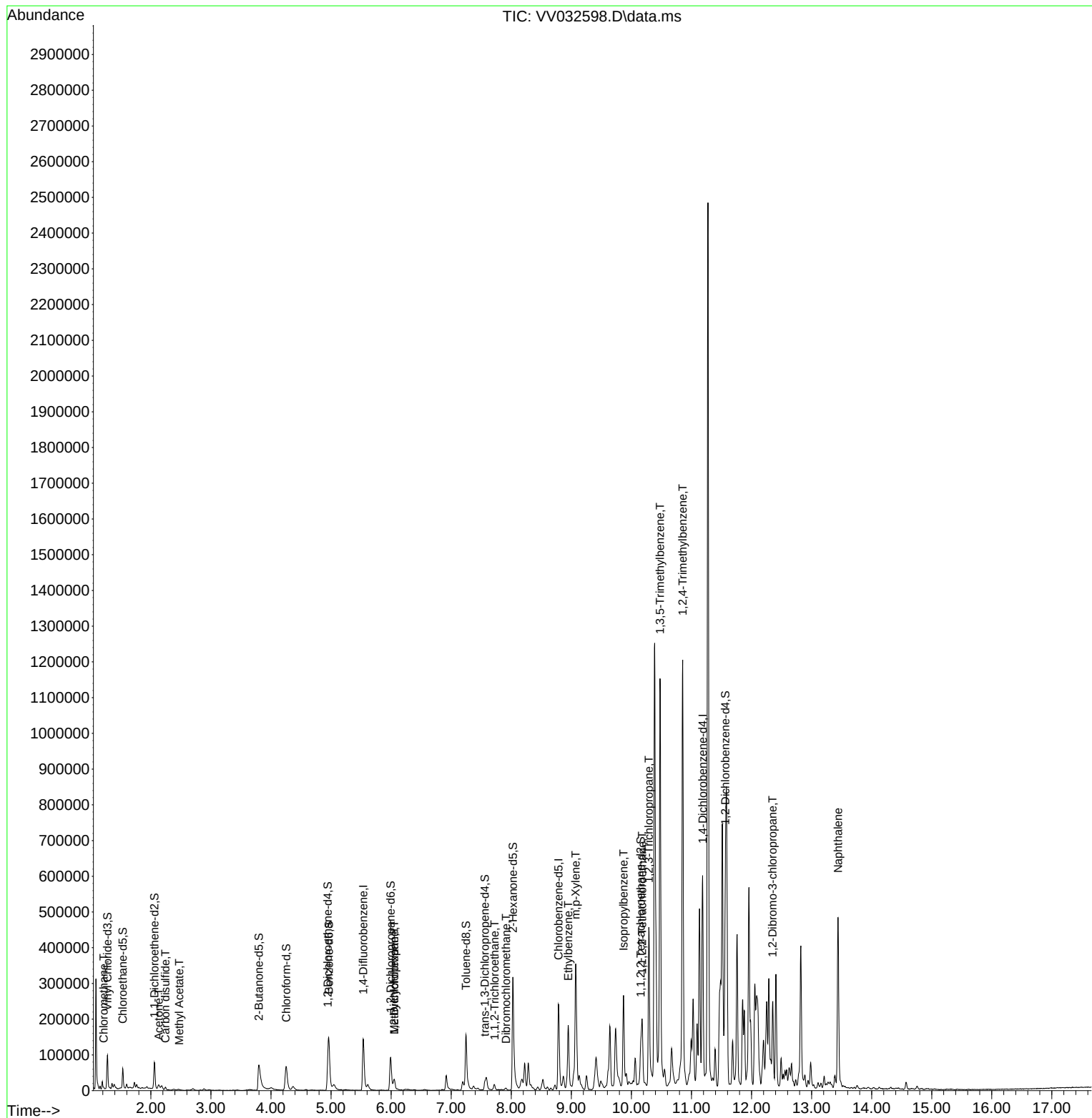
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

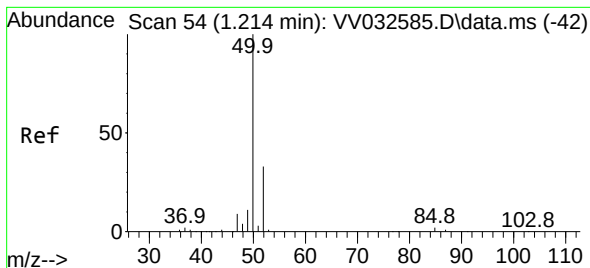
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#3

Chloromethane

Concen: 0.151 ug/L

RT: 1.214 min Scan# 54

Delta R.T. 0.000 min

Lab File: VV032598.D

Acq: 24 Oct 2023 18:30

Instrument :

MSVOA_V

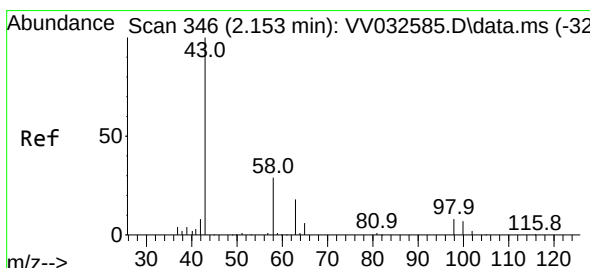
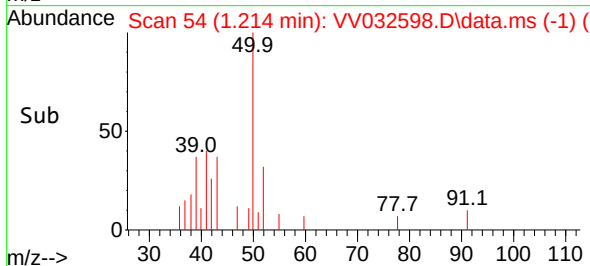
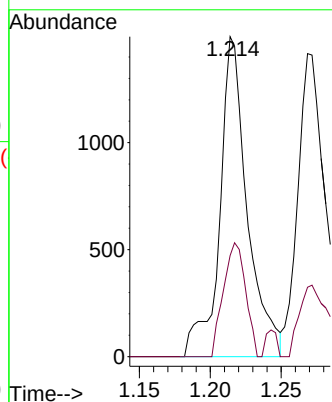
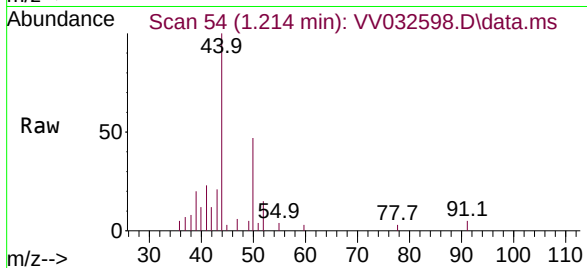
ClientSampleId :

Tgt Ion: 50 Resp: 2025

Ion Ratio Lower Upper

50 100

52 31.6 23.0 42.6



#13

Acetone

Concen: 8.536 ug/L

RT: 2.134 min Scan# 340

Delta R.T. -0.019 min

Lab File: VV032598.D

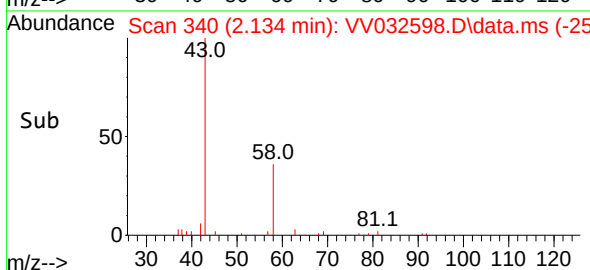
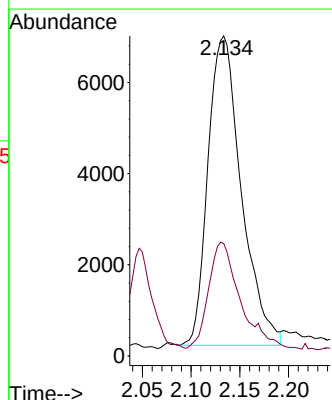
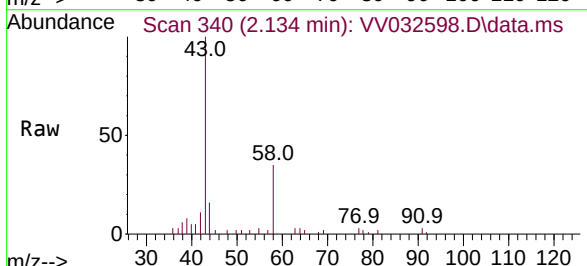
Acq: 24 Oct 2023 18:30

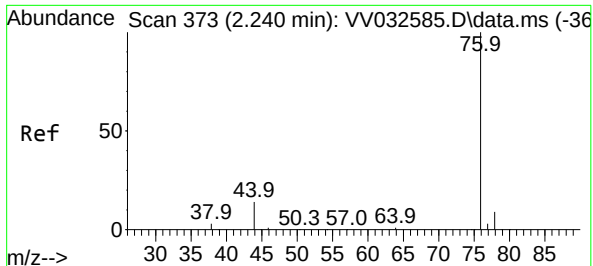
Tgt Ion: 43 Resp: 16166

Ion Ratio Lower Upper

43 100

58 35.0 0.0 66.0

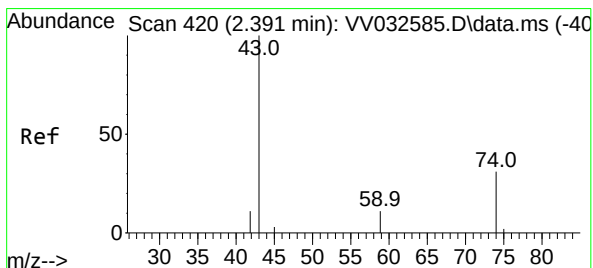
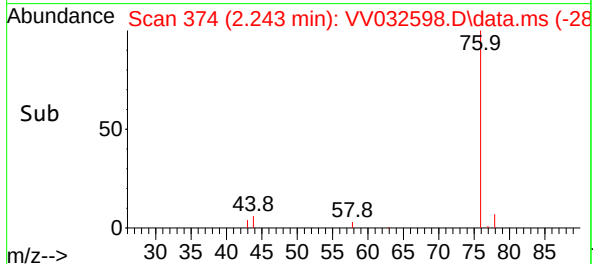
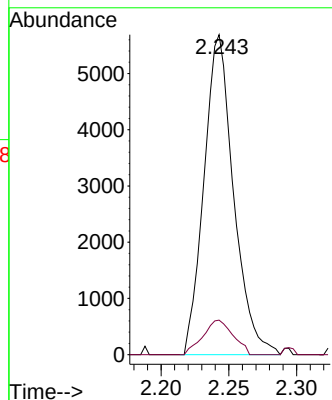
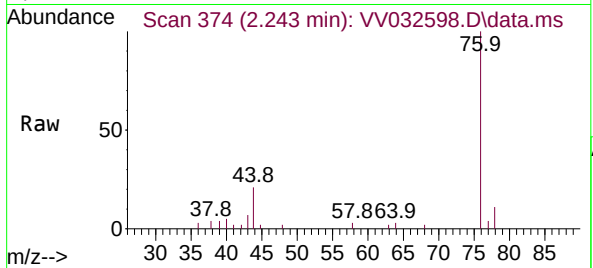




#14
Carbon disulfide
Concen: 0.282 ug/L
RT: 2.243 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV032598.D
Acq: 24 Oct 2023 18:30

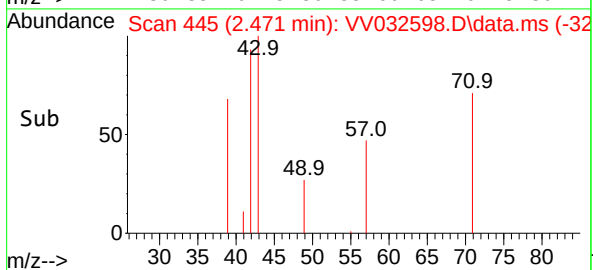
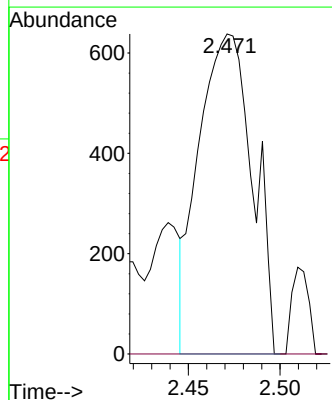
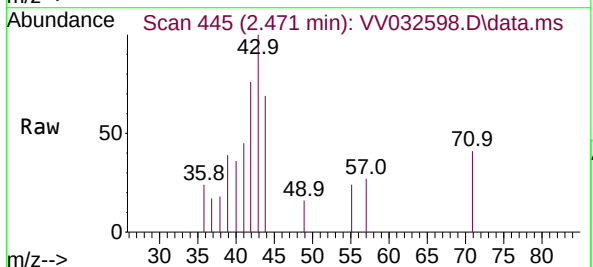
Instrument :
MSVOA_V
ClientSampleId :

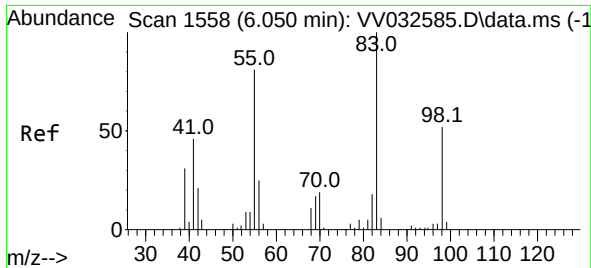
Tgt Ion: 76 Resp: 8650
Ion Ratio Lower Upper
76 100
78 10.8 7.4 11.2



#15
Methyl Acetate
Concen: 0.306 ug/L
RT: 2.471 min Scan# 445
Delta R.T. 0.080 min
Lab File: VV032598.D
Acq: 24 Oct 2023 18:30

Tgt Ion: 43 Resp: 1303
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#

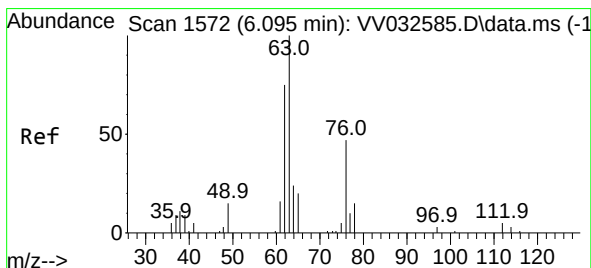
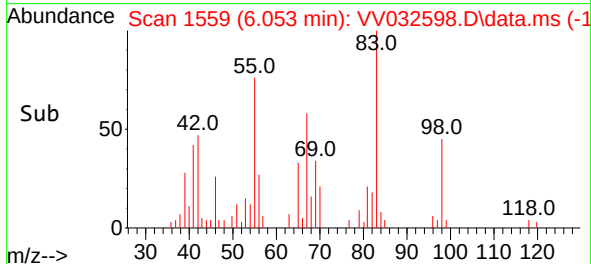
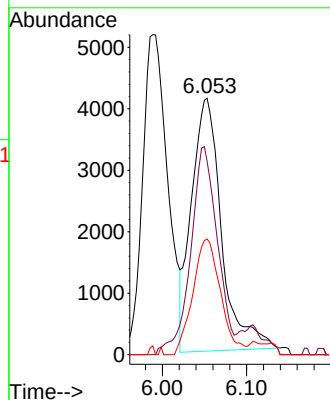
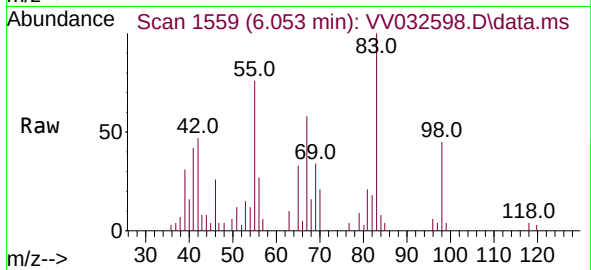




#35
Methylcyclohexane
Concen: 0.505 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.003 min
Lab File: VV032598.D
Acq: 24 Oct 2023 18:30

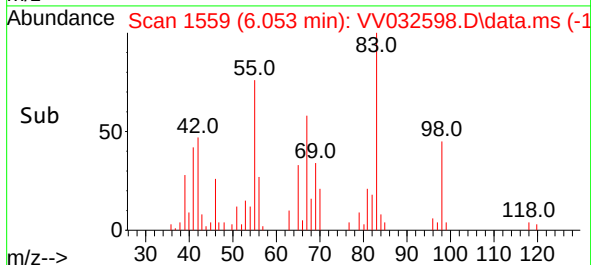
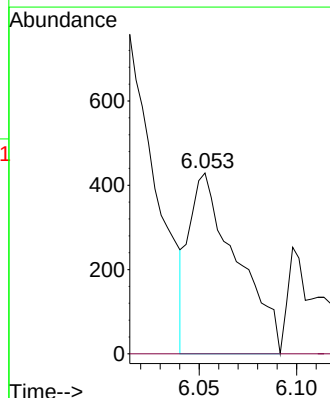
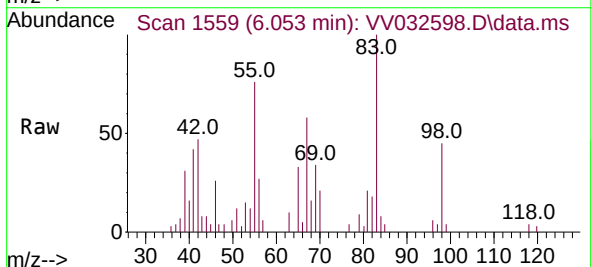
Instrument :
MSVOA_V
ClientSampleId :

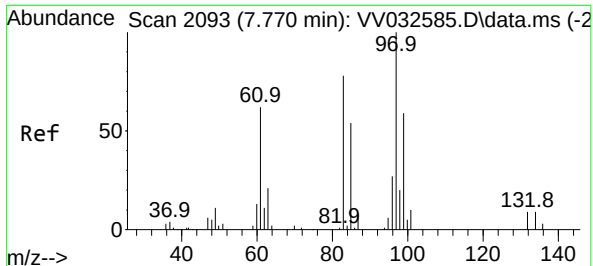
Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.6	64.2	96.2
98	41.9	39.6	59.4



#37
1,2-Dichloropropane
Concen: 0.056 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. -0.042 min
Lab File: VV032598.D
Acq: 24 Oct 2023 18:30

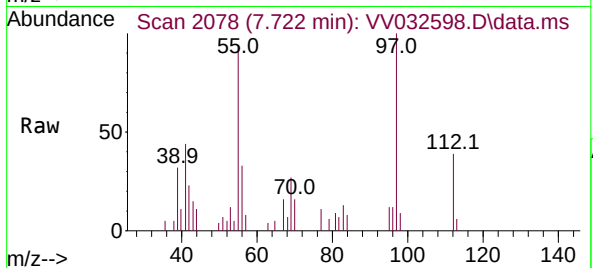
Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#



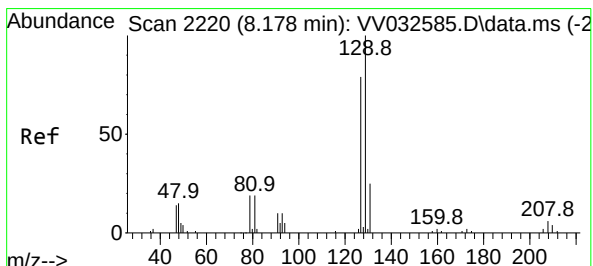
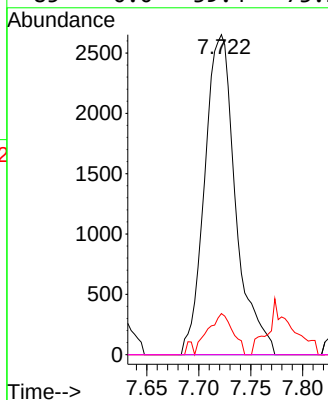
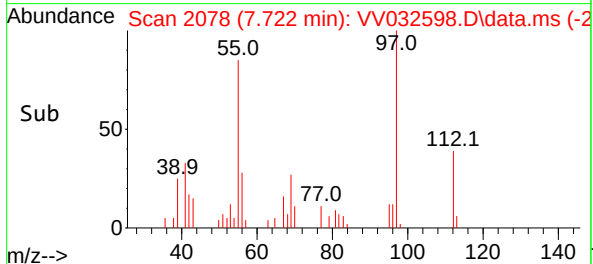


#45
1,1,2-Trichloroethane
Concen: 0.605 ug/L
RT: 7.722 min Scan# 2093
Delta R.T. -0.048 min
Lab File: VV032598.D
Acq: 24 Oct 2023 18:30

Instrument :
MSVOA_V
ClientSampleId :

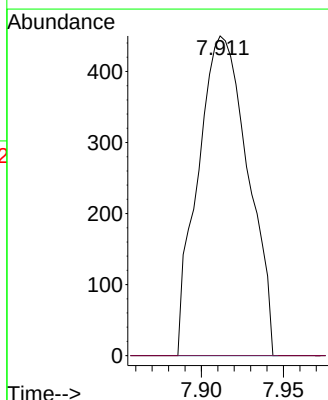
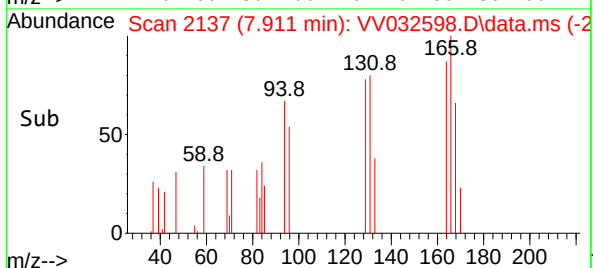
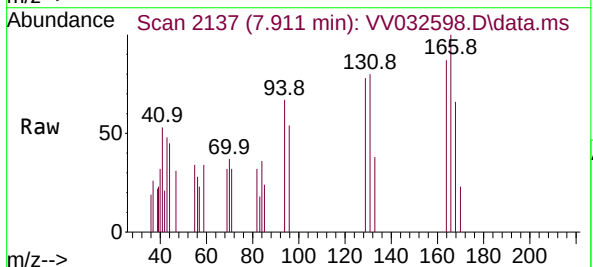


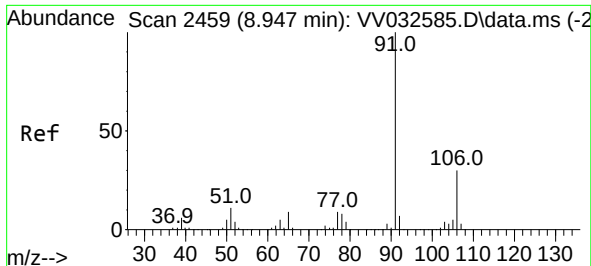
Tgt Ion	Ratio	Lower	Upper
97	100		
99	0.0	42.8	79.4#
83	12.8	60.9	113.1#
85	0.0	39.4	73.2#



#49
Dibromochloromethane
Concen: 0.101 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.267 min
Lab File: VV032598.D
Acq: 24 Oct 2023 18:30

Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.0	57.2	106.2#

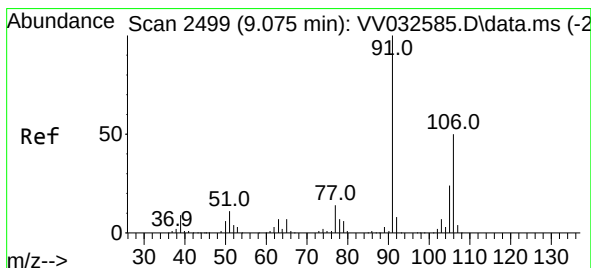
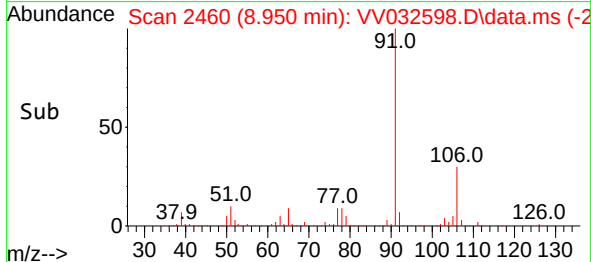
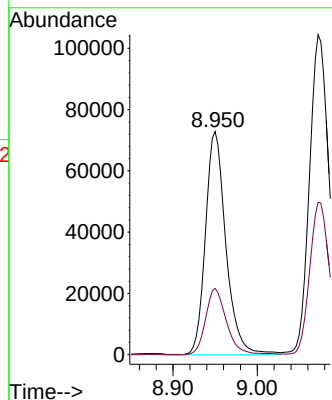
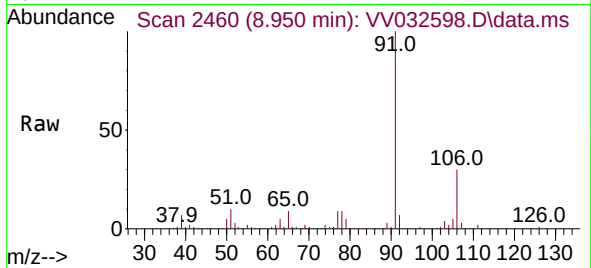




#52
Ethylbenzene
Concen: 2.155 ug/L
RT: 8.950 min Scan# 2459
Delta R.T. 0.003 min
Lab File: VV032598.D
Acq: 24 Oct 2023 18:30

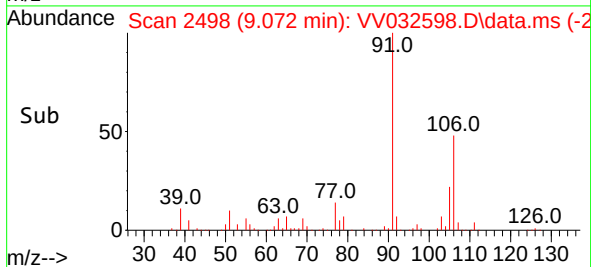
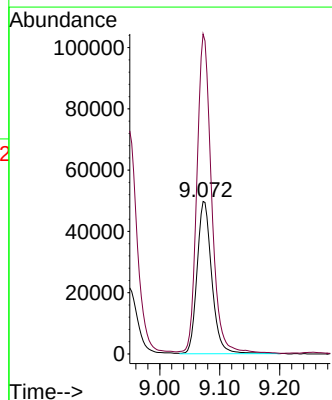
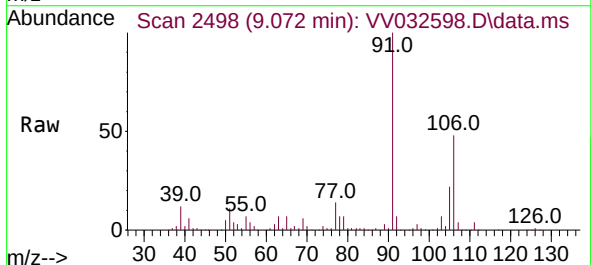
Instrument :
MSVOA_V
ClientSampleId :

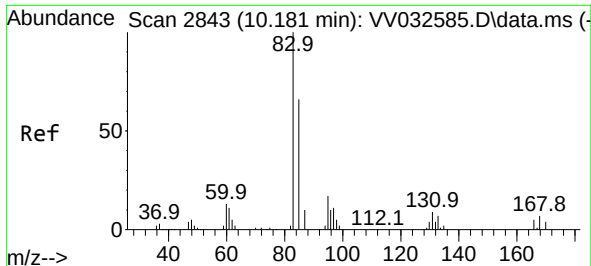
Tgt Ion: 91 Resp: 123095
Ion Ratio Lower Upper
91 100
106 29.7 21.3 39.5



#53
m,p-Xylene
Concen: 4.003 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.003 min
Lab File: VV032598.D
Acq: 24 Oct 2023 18:30

Tgt Ion: 106 Resp: 84801
Ion Ratio Lower Upper
106 100
91 209.8 144.5 268.3





#57

1,1,2,2-Tetrachloroethane

Concen: 1.101 ug/L

RT: 10.178 min Scan# 2842

Delta R.T. -0.003 min

Lab File: VV032598.D

Acq: 24 Oct 2023 18:30

Instrument :

MSVOA_V

ClientSampleId :

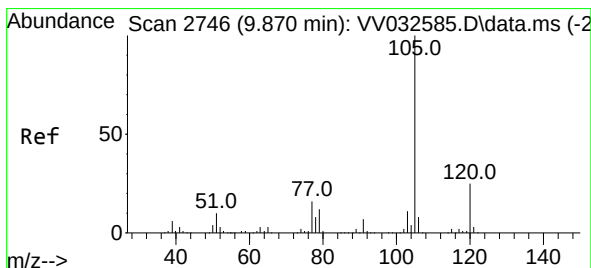
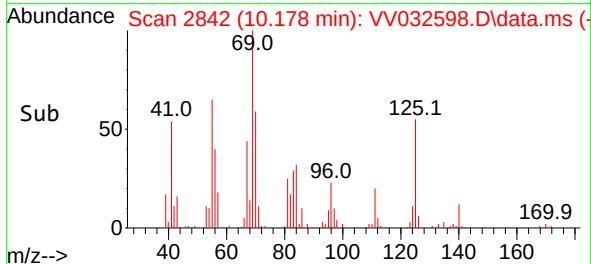
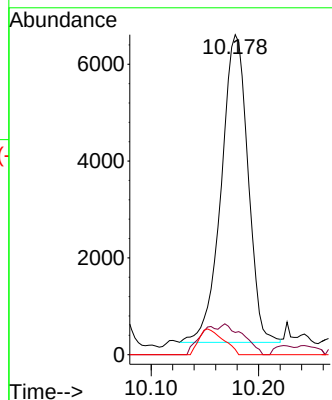
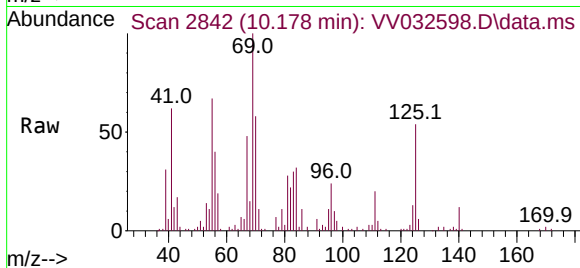
Tgt Ion: 83 Resp: 10995

Ion Ratio Lower Upper

83 100

85 7.0 43.6 81.0#

131 1.7 7.0 10.6#



#60

Isopropylbenzene

Concen: 2.814 ug/L

RT: 9.870 min Scan# 2746

Delta R.T. 0.000 min

Lab File: VV032598.D

Acq: 24 Oct 2023 18:30

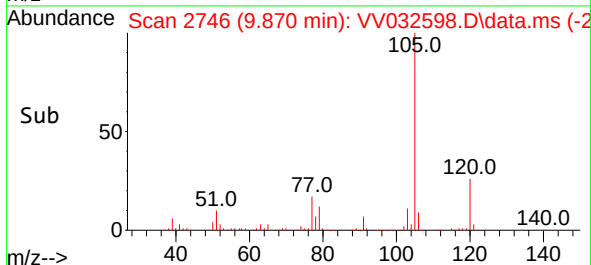
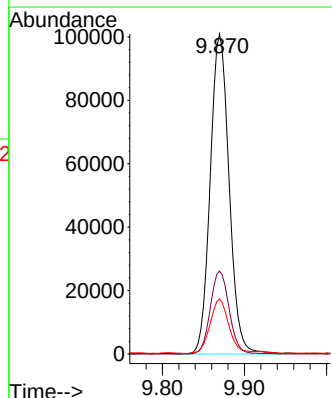
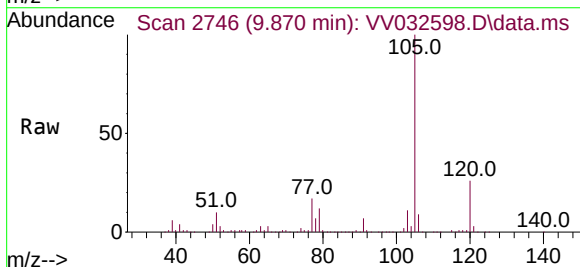
Tgt Ion: 105 Resp: 161233

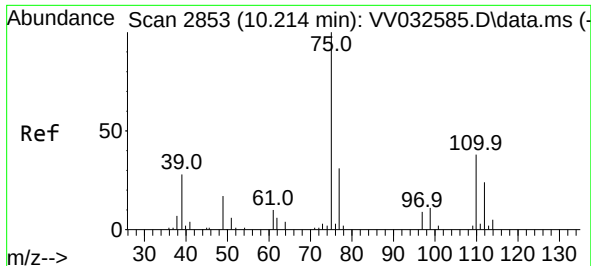
Ion Ratio Lower Upper

105 100

120 25.8 21.0 31.6

77 16.8 12.6 19.0

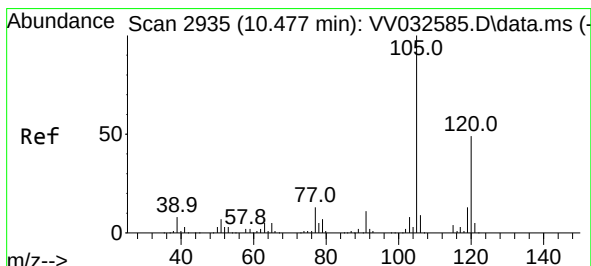
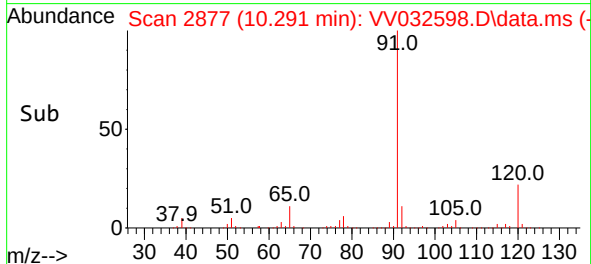
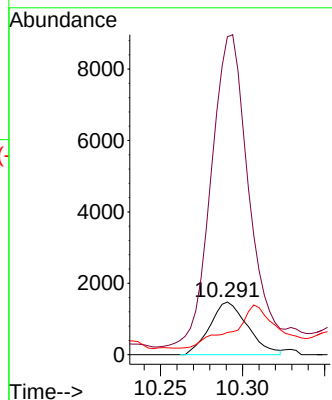
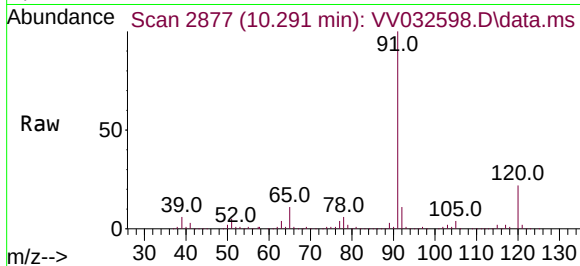




#61
 1,2,3-Trichloropropane
 Concen: 0.301 ug/L
 RT: 10.291 min Scan# 21
 Delta R.T. 0.077 min
 Lab File: VV032598.D
 Acq: 24 Oct 2023 18:30

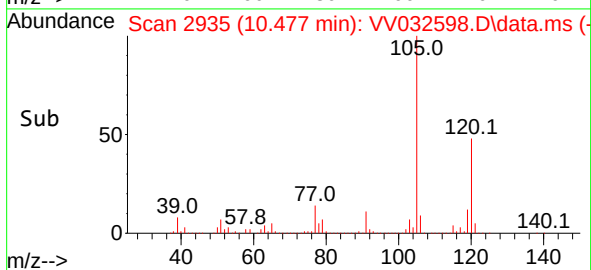
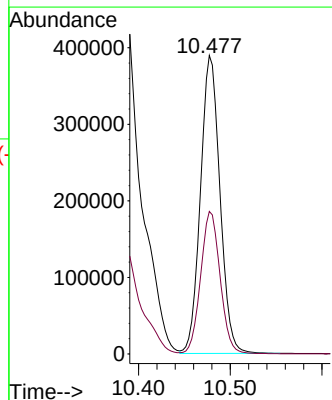
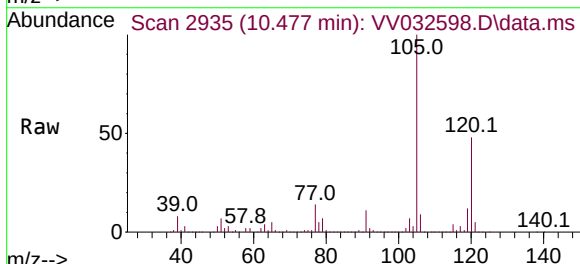
Instrument :
 MSVOA_V
 ClientSampleId :

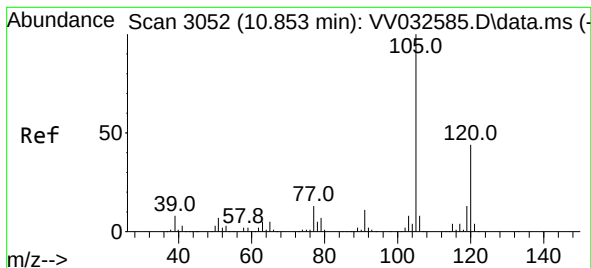
Tgt Ion: 75 Resp: 2365
 Ion Ratio Lower Upper
 75 100
 77 601.5 26.2 39.2#
 110 101.5 30.6 46.0#



#62
 1,3,5-Trimethylbenzene
 Concen: 12.317 ug/L
 RT: 10.477 min Scan# 2935
 Delta R.T. 0.000 min
 Lab File: VV032598.D
 Acq: 24 Oct 2023 18:30

Tgt Ion:105 Resp: 575213
 Ion Ratio Lower Upper
 105 100
 120 47.7 39.9 59.9





#63

1,2,4-Trimethylbenzene

Concen: 13.008 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.000 min

Lab File: VV032598.D

Acq: 24 Oct 2023 18:30

Instrument :

MSVOA_V

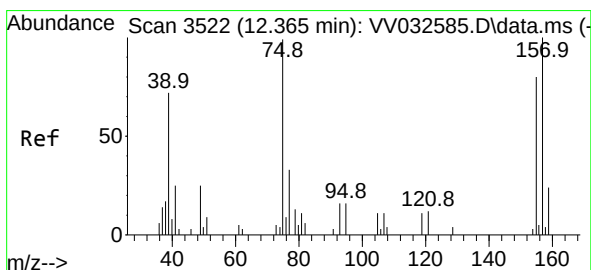
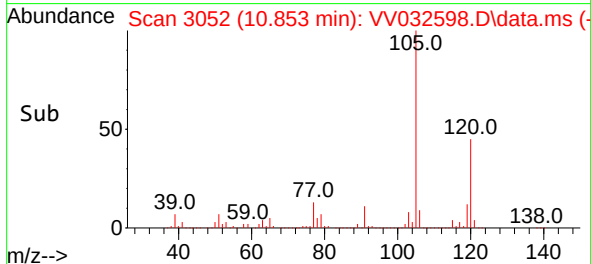
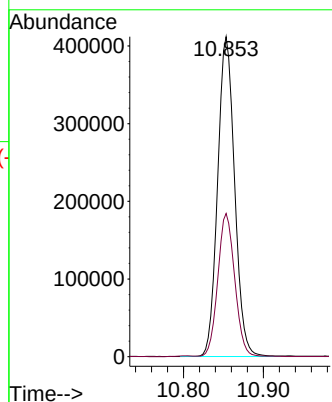
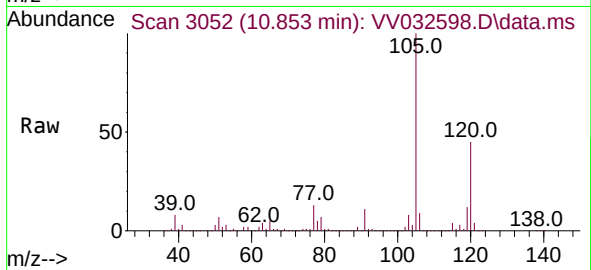
ClientSampleId :

Tgt Ion:105 Resp: 604805

Ion Ratio Lower Upper

105 100

120 44.6 36.2 54.4



#68

1,2-Dibromo-3-chloropropane

Concen: 0.826 ug/L

RT: 12.352 min Scan# 3518

Delta R.T. -0.013 min

Lab File: VV032598.D

Acq: 24 Oct 2023 18:30

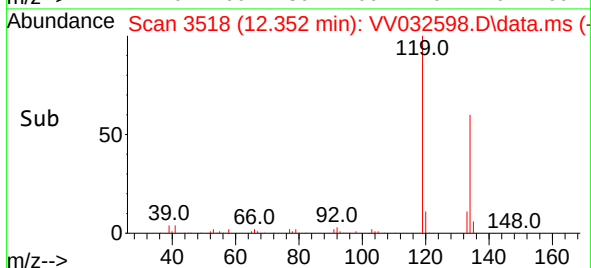
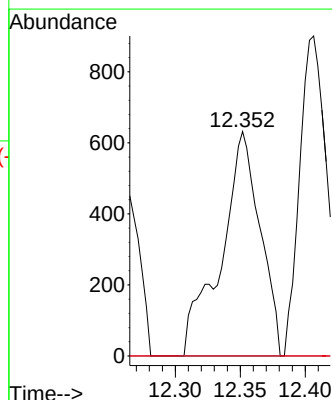
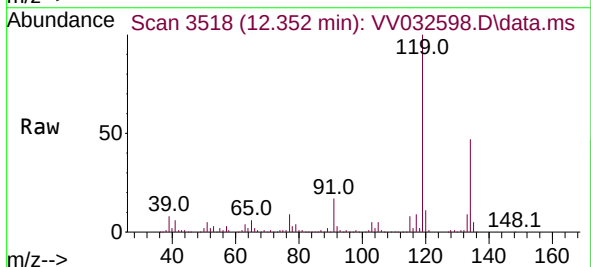
Tgt Ion: 75 Resp: 1325

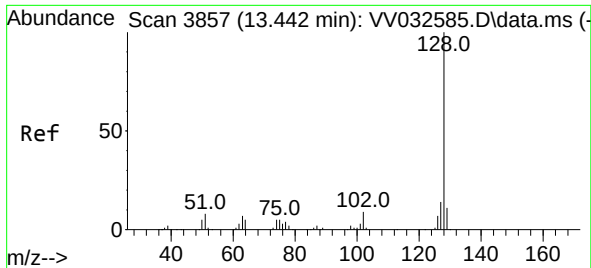
Ion Ratio Lower Upper

75 100

155 0.0 70.2 105.4#

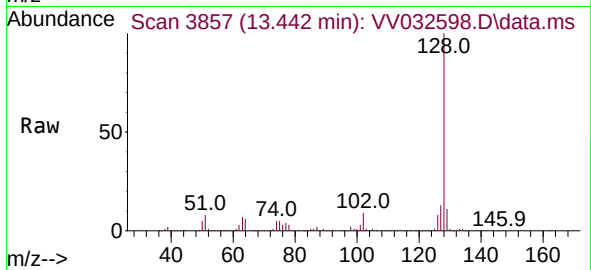
157 0.0 90.6 135.8#





#71
Naphthalene
Concen: 11.618 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.000 min
Lab File: VV032598.D
Acq: 24 Oct 2023 18:30

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 350934
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 12.8 10.2 15.2

