

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102423\
 Data File : VW032603.D
 Acq On : 24 Oct 2023 20:31
 Operator : SY/MD
 Sample : 04992-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 25 05:58:10 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	101721	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	114683	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	57185	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	24739	2.990	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.800%
7) Chloroethane-d5	1.532	69	28442	4.235	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.060	65	10288	2.949	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.000%#
20) 2-Butanone-d5	3.799	46	107728	51.477	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.960%
24) Chloroform-d	4.368	84	12585	0.862	ug/L	0.12
Spiked Amount	5.000	Range	70 - 125	Recovery	=	17.200%#
26) 1,2-Dichloroethane-d4	4.947	65	33661	4.869	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	4.963	84	106959	3.170	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	63.400%#
36) 1,2-Dichloropropane-d6	5.992	67	37415	3.346	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	67.000%
41) Toluene-d8	7.246	98	90831	2.944	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	58.800%#
43) trans-1,3-Dichloroprop...	7.558	79	12942	3.267	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.400%
46) 2-Hexanone-d5	8.027	63	88986	47.737	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.480%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	41939	5.363	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	43729	4.121	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.400%

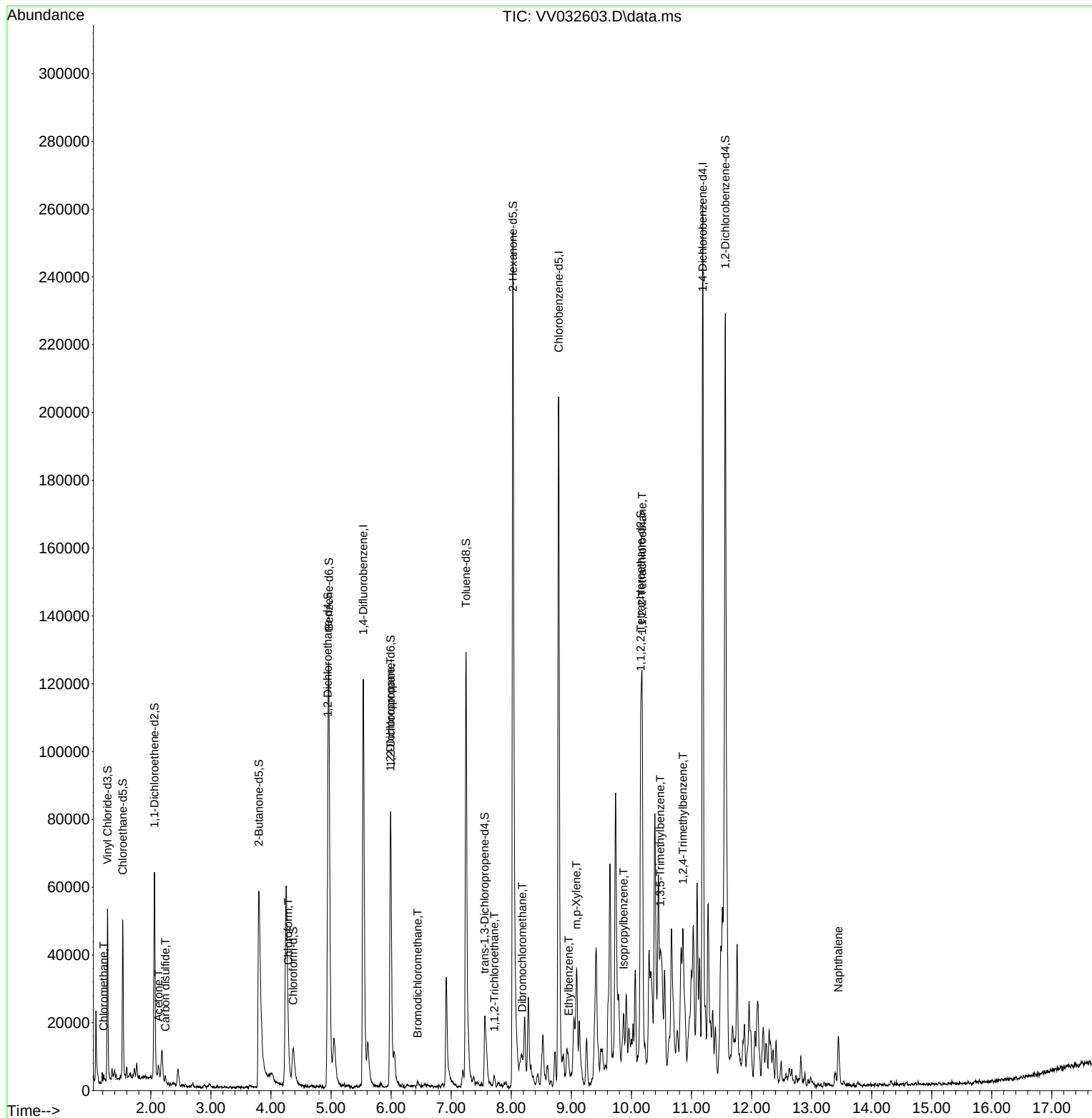
Target Compounds				Qvalue		
3) Chloromethane	1.217	50	947	0.083	ug/L	97
13) Acetone	2.127	43	6735	4.175	ug/L	98
14) Carbon disulfide	2.243	76	2936	0.113	ug/L #	88
25) Chloroform	4.285	83	9897	0.628	ug/L	95
37) 1,2-Dichloropropane	5.989	63	4664	0.432	ug/L #	87
38) Bromodichloromethane	6.442	83	1346	0.105	ug/L #	89
45) 1,1,2-Trichloroethane	7.718	97	1112	0.146	ug/L #	15
49) Dibromochloromethane	8.185	129	1056	0.133	ug/L	76
52) Ethylbenzene	8.956	91	2867	0.060	ug/L #	79
53) m,p-Xylene	9.085	106	1585	0.089	ug/L	84
57) 1,1,2,2-Tetrachloroethane	10.178	83	6425	0.767	ug/L #	35
60) Isopropylbenzene	9.870	105	8739	0.197	ug/L #	92
62) 1,3,5-Trimethylbenzene	10.480	105	11486	0.317	ug/L	98
63) 1,2,4-Trimethylbenzene	10.857	105	12017	0.333	ug/L	100
71) Naphthalene	13.445	128	10134	0.433	ug/L	97

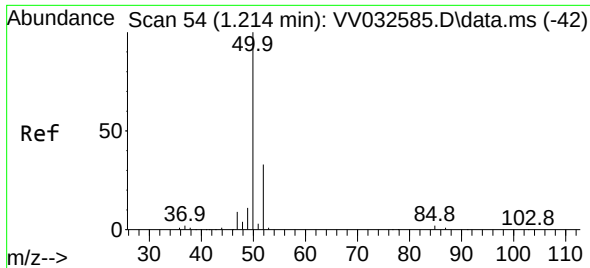
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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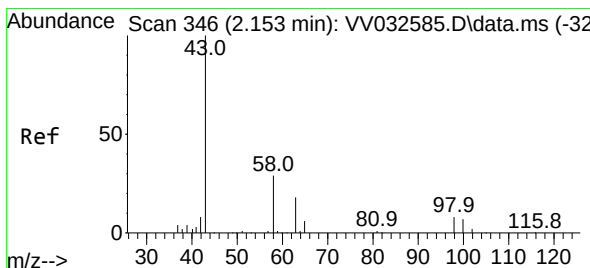
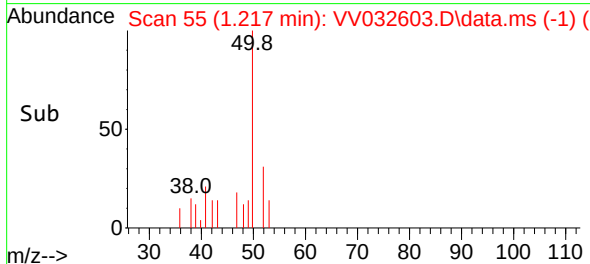
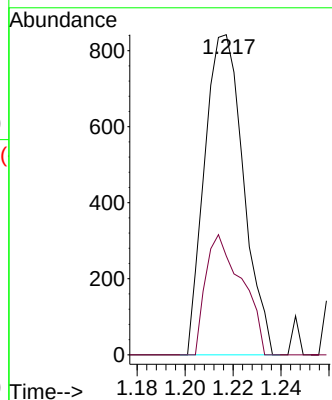
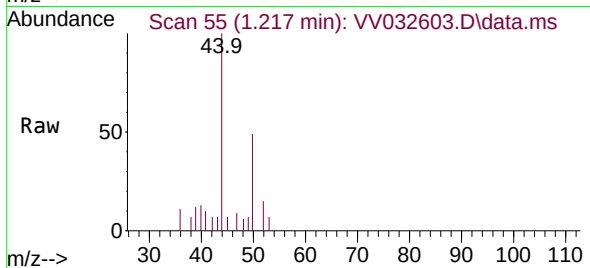




#3
Chloromethane
Concen: 0.083 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV032603.D
Acq: 24 Oct 2023 20:31

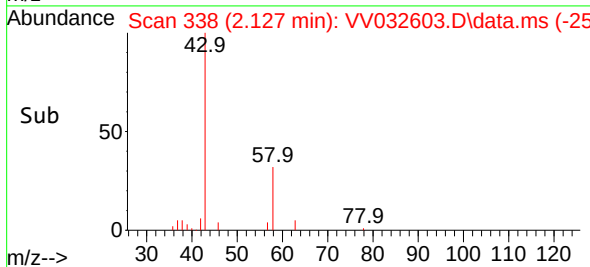
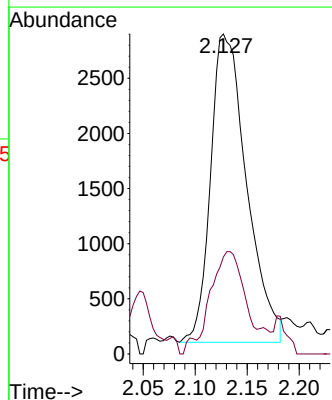
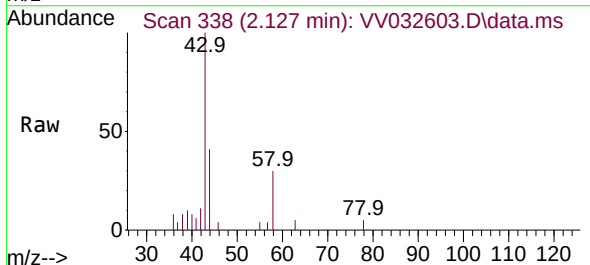
Instrument :
MSVOA_V
ClientSampleId :

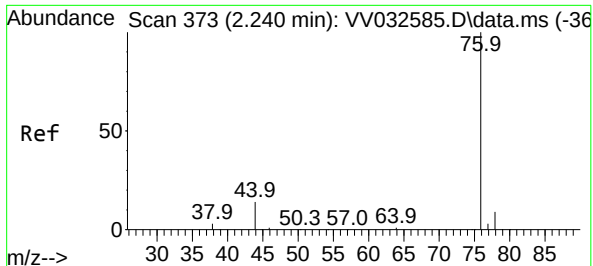
Tgt Ion: 50 Resp: 947
Ion Ratio Lower Upper
50 100
52 30.9 23.0 42.6



#13
Acetone
Concen: 4.175 ug/L
RT: 2.127 min Scan# 338
Delta R.T. -0.026 min
Lab File: VV032603.D
Acq: 24 Oct 2023 20:31

Tgt Ion: 43 Resp: 6735
Ion Ratio Lower Upper
43 100
58 34.3 0.0 66.0

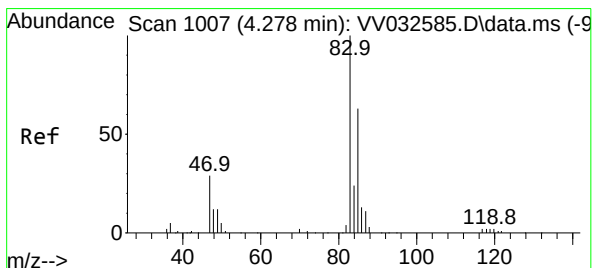
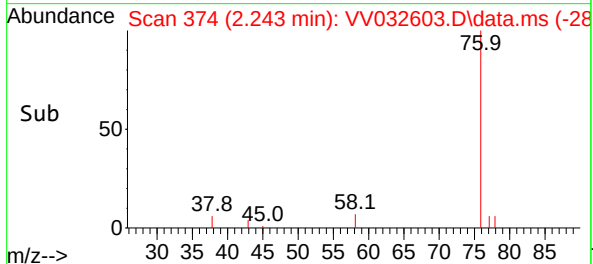
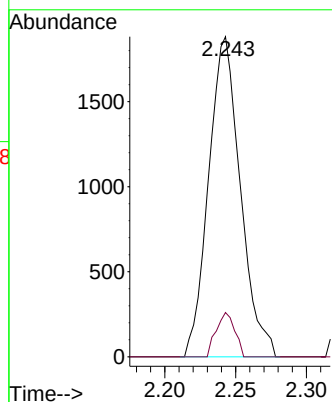
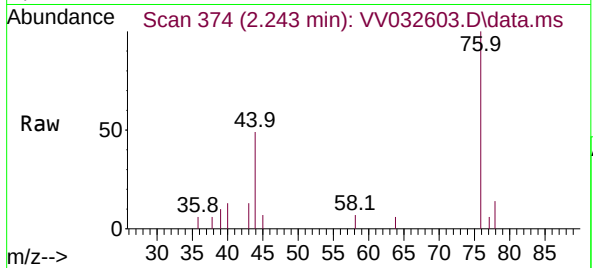




#14
Carbon disulfide
Concen: 0.113 ug/L
RT: 2.243 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV032603.D
Acq: 24 Oct 2023 20:31

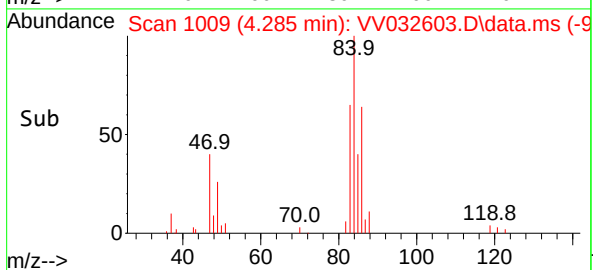
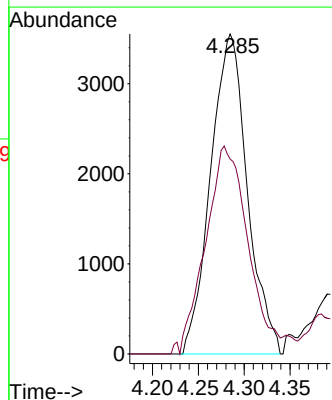
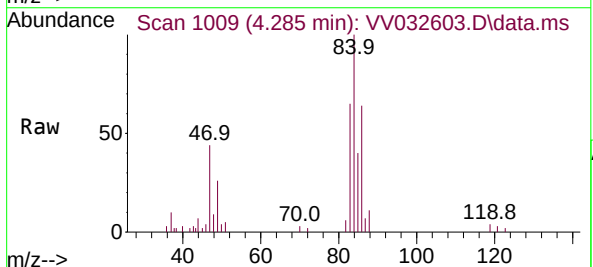
Instrument :
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ClientSampleId :

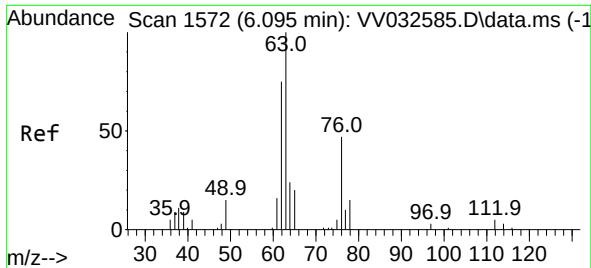
Tgt Ion: 76 Resp: 2936
Ion Ratio Lower Upper
76 100
78 13.8 7.4 11.2#



#25
Chloroform
Concen: 0.628 ug/L
RT: 4.285 min Scan# 1009
Delta R.T. 0.006 min
Lab File: VV032603.D
Acq: 24 Oct 2023 20:31

Tgt Ion: 83 Resp: 9897
Ion Ratio Lower Upper
83 100
85 60.9 45.4 84.4





#37

1,2-Dichloropropane

Concen: 0.432 ug/L

RT: 5.989 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV032603.D

Acq: 24 Oct 2023 20:31

Instrument :

MSVOA_V

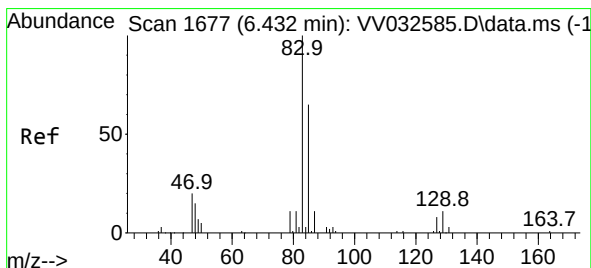
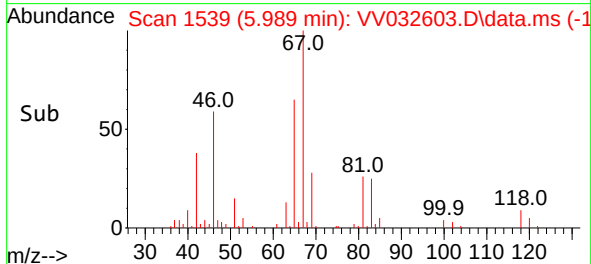
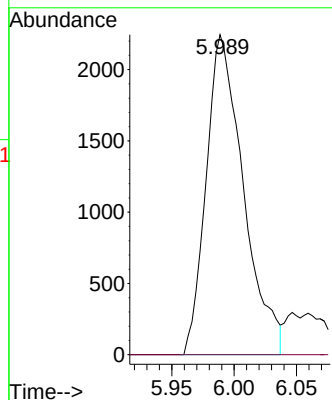
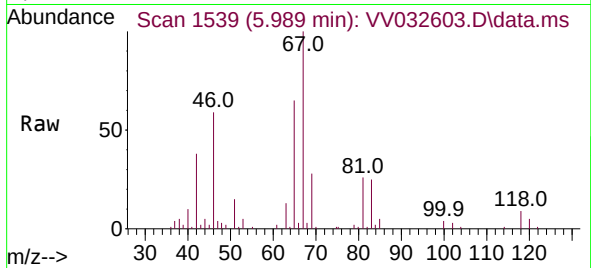
ClientSampleId :

Tgt Ion: 63 Resp: 4664

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#38

Bromodichloromethane

Concen: 0.105 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.010 min

Lab File: VV032603.D

Acq: 24 Oct 2023 20:31

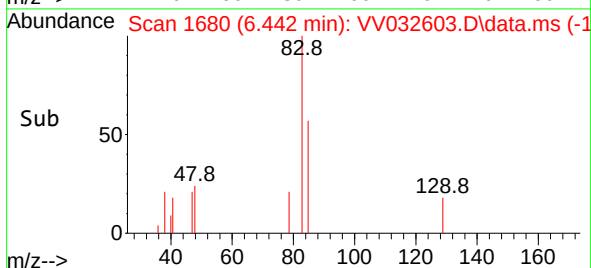
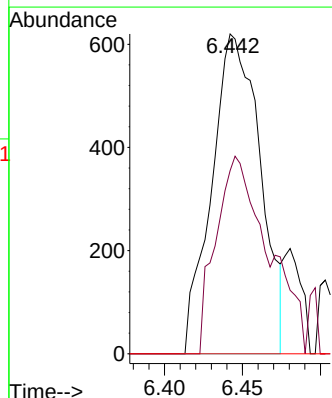
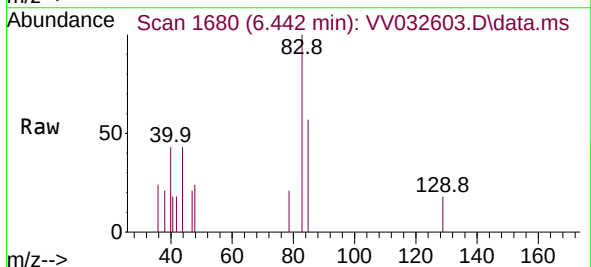
Tgt Ion: 83 Resp: 1346

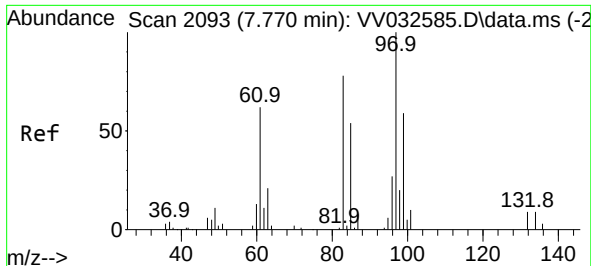
Ion Ratio Lower Upper

83 100

85 57.3 44.9 83.3

127 0.0 6.9 10.3#

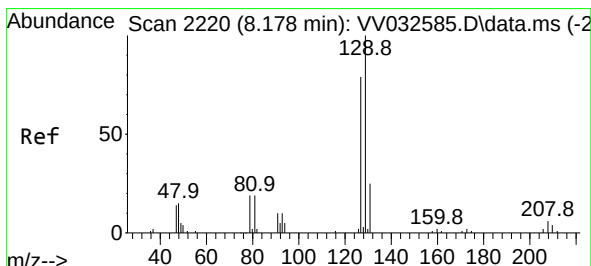
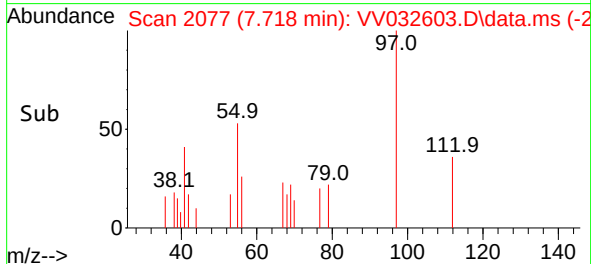
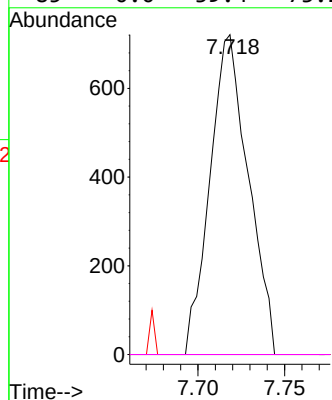
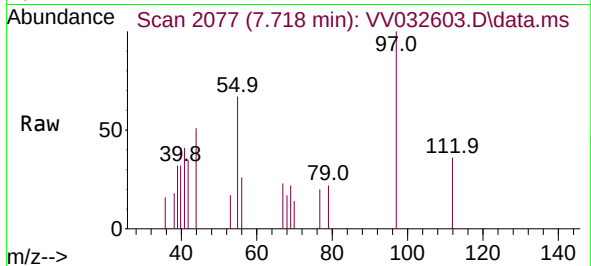




#45
1,1,2-Trichloroethane
Concen: 0.146 ug/L
RT: 7.718 min Scan# 2093
Delta R.T. -0.051 min
Lab File: VV032603.D
Acq: 24 Oct 2023 20:31

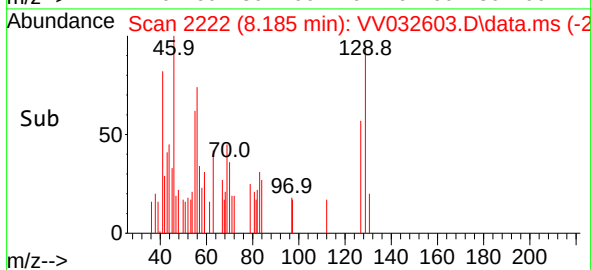
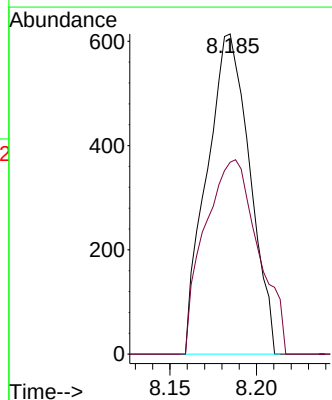
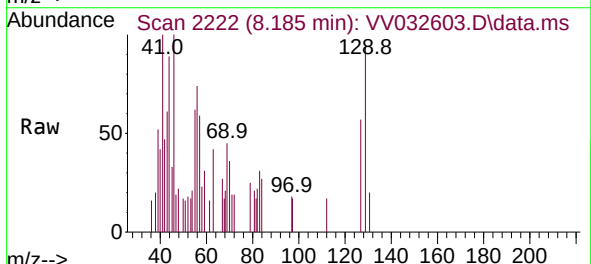
Instrument :
MSVOA_V
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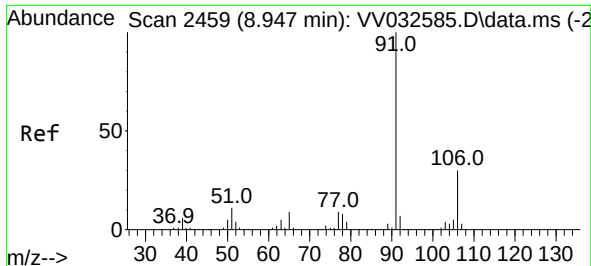
Tgt Ion: 97	Resp:	1112
Ion	Ratio	Lower Upper
97	100	
99	0.0	42.8 79.4#
83	0.0	60.9 113.1#
85	0.0	39.4 73.2#



#49
Dibromochloromethane
Concen: 0.133 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. 0.006 min
Lab File: VV032603.D
Acq: 24 Oct 2023 20:31

Tgt Ion: 129	Resp:	1056
Ion	Ratio	Lower Upper
129	100	
127	59.9	57.2 106.2

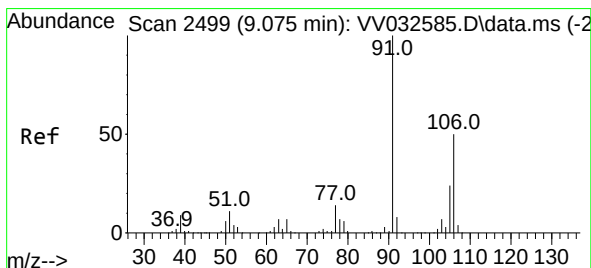
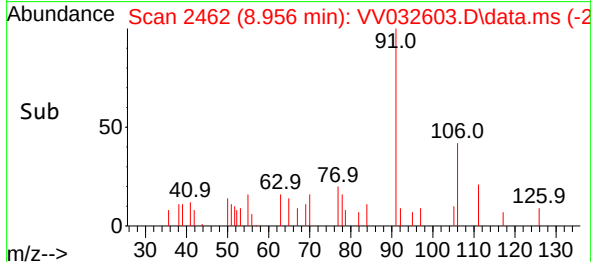
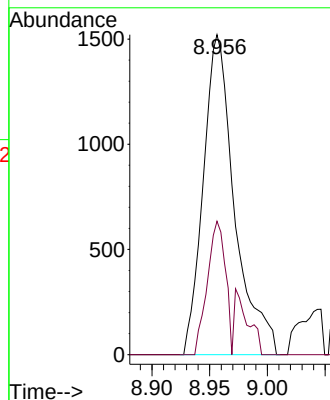
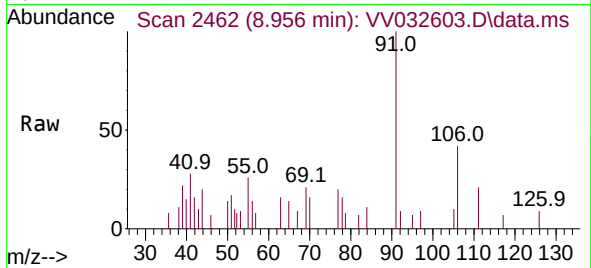




#52
Ethylbenzene
Concen: 0.060 ug/L
RT: 8.956 min Scan# 2459
Delta R.T. 0.010 min
Lab File: VV032603.D
Acq: 24 Oct 2023 20:31

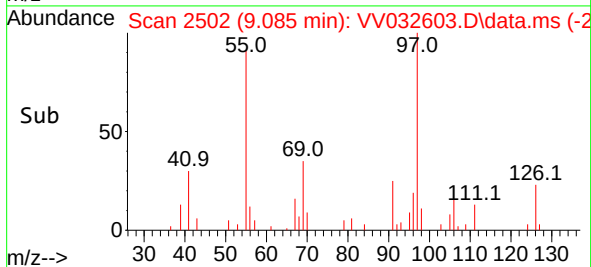
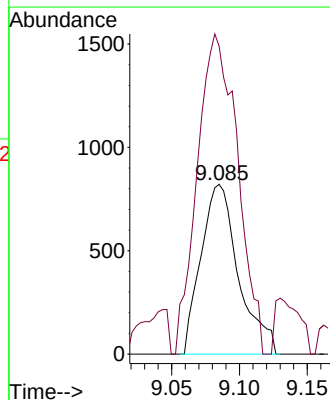
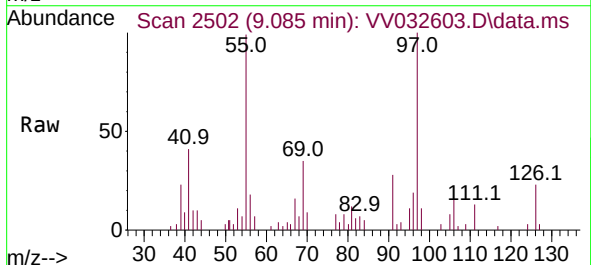
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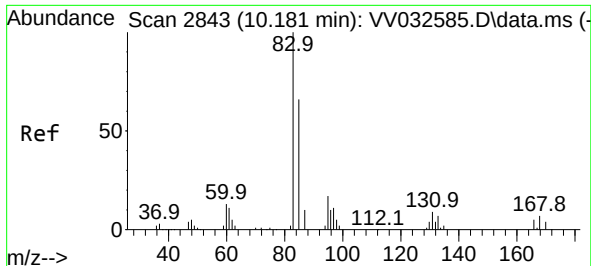
Tgt Ion: 91 Resp: 2867
Ion Ratio Lower Upper
91 100
106 41.7 21.3 39.5#



#53
m,p-Xylene
Concen: 0.089 ug/L
RT: 9.085 min Scan# 2502
Delta R.T. 0.010 min
Lab File: VV032603.D
Acq: 24 Oct 2023 20:31

Tgt Ion: 106 Resp: 1585
Ion Ratio Lower Upper
106 100
91 181.6 144.5 268.3





#57

1,1,2,2-Tetrachloroethane

Concen: 0.767 ug/L

RT: 10.178 min Scan# 2842

Delta R.T. -0.003 min

Lab File: VV032603.D

Acq: 24 Oct 2023 20:31

Instrument :

MSVOA_V

ClientSampleId :

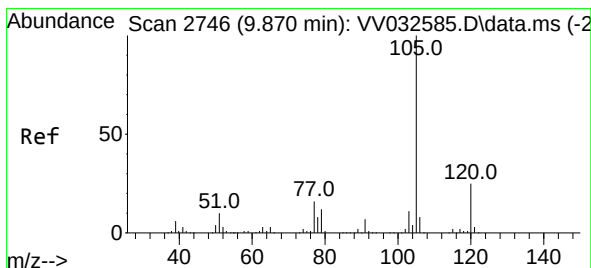
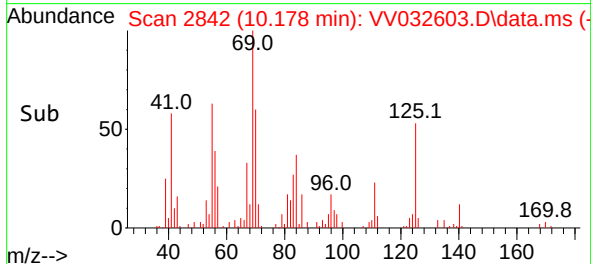
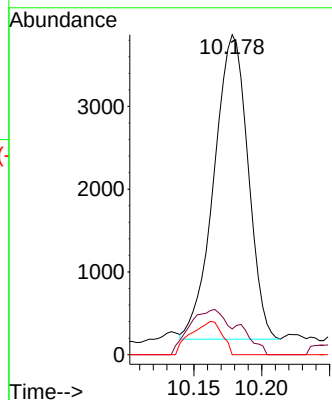
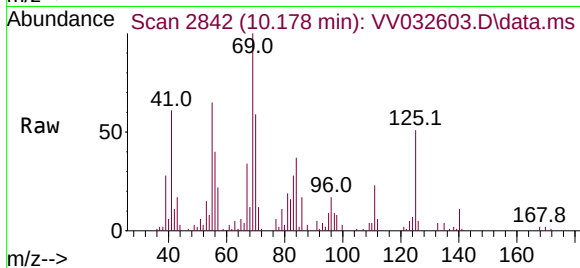
Tgt Ion: 83 Resp: 6425

Ion Ratio Lower Upper

83 100

85 8.1 43.6 81.0#

131 0.0 7.0 10.6#



#60

Isopropylbenzene

Concen: 0.197 ug/L

RT: 9.870 min Scan# 2746

Delta R.T. 0.000 min

Lab File: VV032603.D

Acq: 24 Oct 2023 20:31

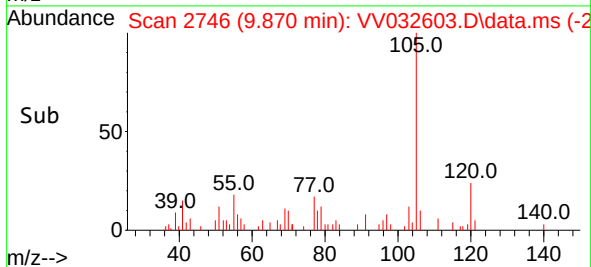
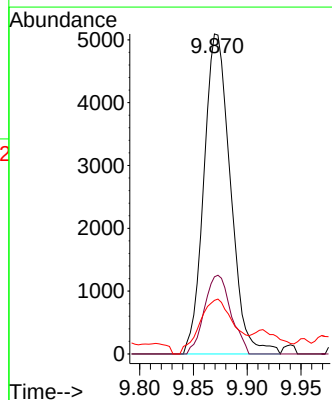
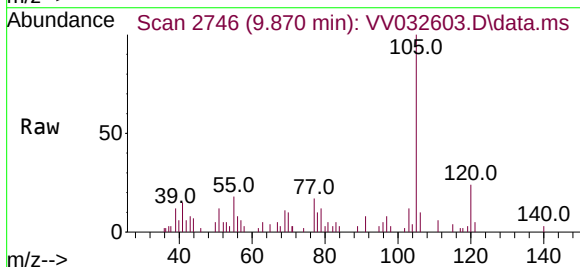
Tgt Ion: 105 Resp: 8739

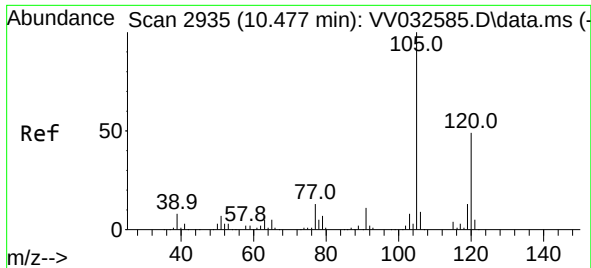
Ion Ratio Lower Upper

105 100

120 24.5 21.0 31.6

77 22.2 12.6 19.0#

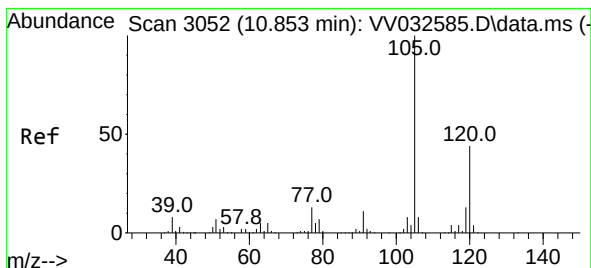
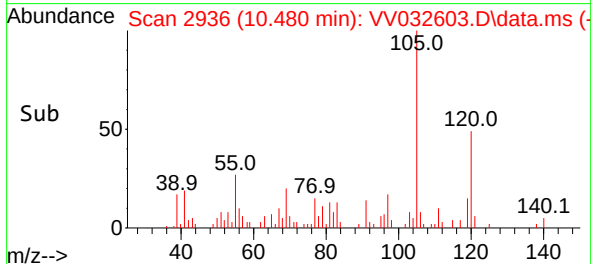
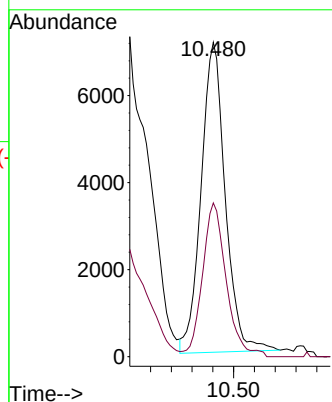
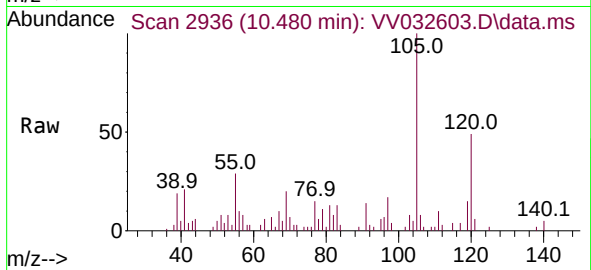




#62
 1,3,5-Trimethylbenzene
 Concen: 0.317 ug/L
 RT: 10.480 min Scan# 2935
 Delta R.T. 0.003 min
 Lab File: VV032603.D
 Acq: 24 Oct 2023 20:31

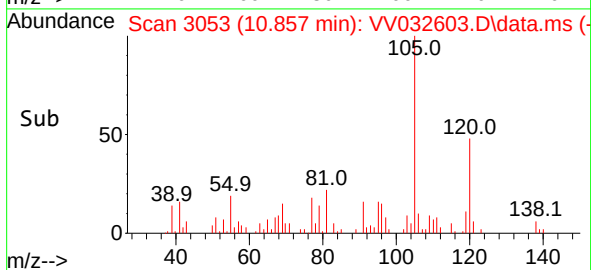
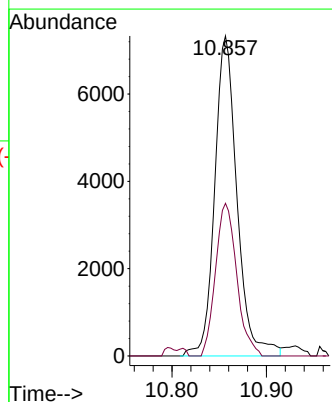
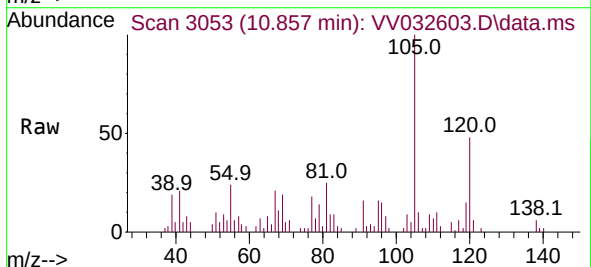
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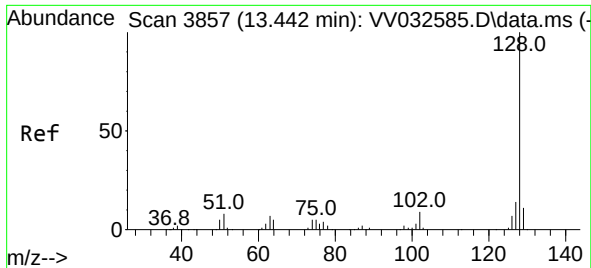
Tgt Ion:105 Resp: 11486
 Ion Ratio Lower Upper
 105 100
 120 48.9 39.9 59.9



#63
 1,2,4-Trimethylbenzene
 Concen: 0.333 ug/L
 RT: 10.857 min Scan# 3053
 Delta R.T. 0.003 min
 Lab File: VV032603.D
 Acq: 24 Oct 2023 20:31

Tgt Ion:105 Resp: 12017
 Ion Ratio Lower Upper
 105 100
 120 45.4 36.2 54.4





#71

Naphthalene

Concen: 0.433 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.003 min

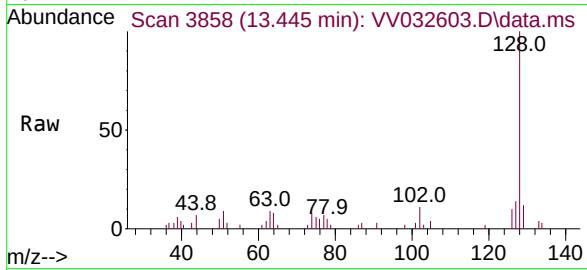
Lab File: VV032603.D

Acq: 24 Oct 2023 20:31

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 10134

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.4

127 14.3 10.2 15.2

