

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102023\
 Data File : VW032547.D
 Acq On : 21 Oct 2023 01:08
 Operator : SY/MD
 Sample : 04993-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AY7

Quant Time: Oct 23 02:58:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 21 02:44:24 2023
 Response via : Initial Calibration

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

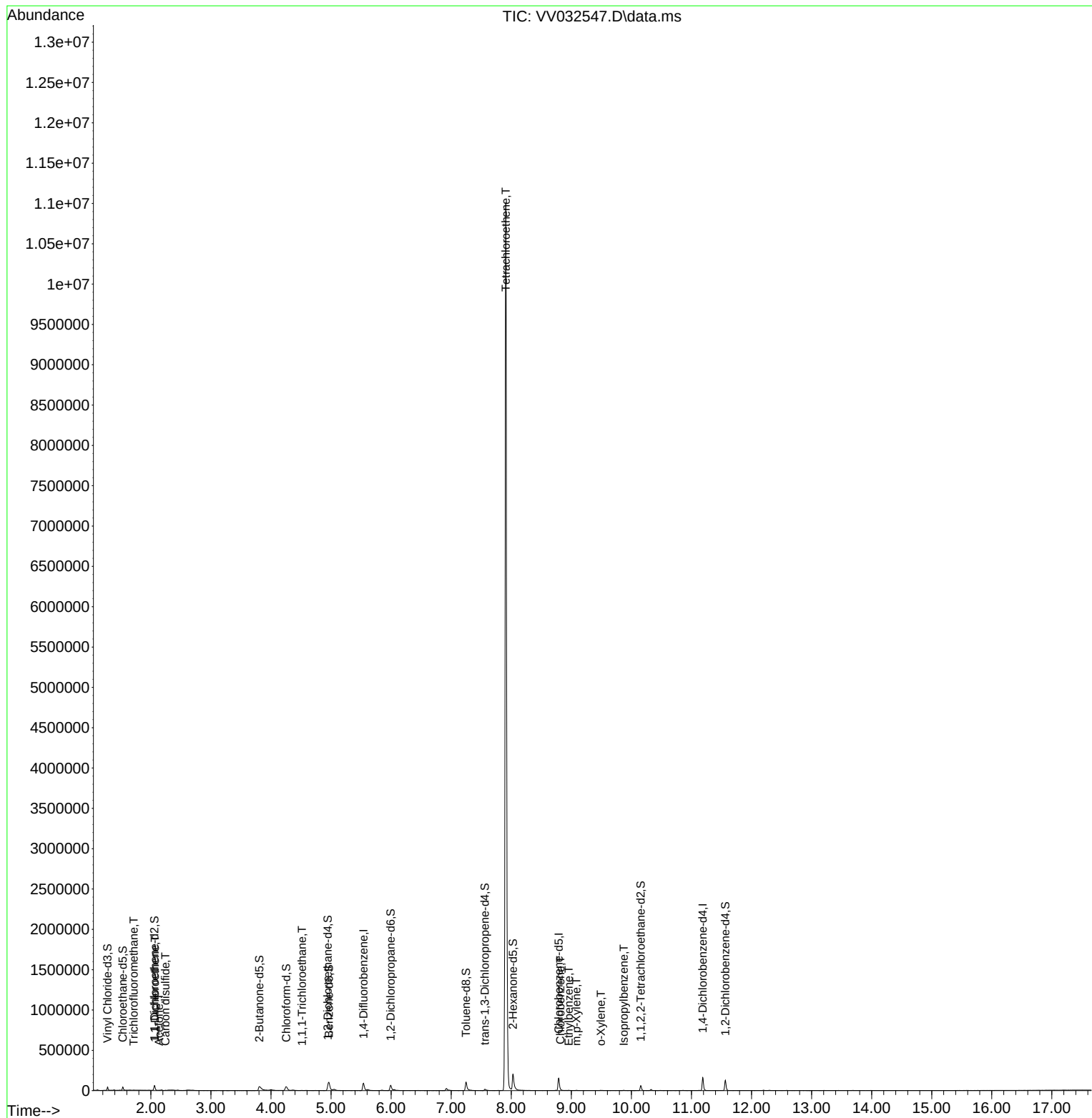
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	76009	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	86735	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	40685	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	24010	3.884	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.532	69	24879	4.958	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.060	65	10298	3.950	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	3.805	46	82836	52.972	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.940%
24) Chloroform-d	4.252	84	51153	4.691	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	4.947	65	27207	5.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	4.963	84	89545	3.509	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.200%
36) 1,2-Dichloropropane-d6	5.992	67	30531	3.611	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.200%
41) Toluene-d8	7.246	98	76532	3.279	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.600%#
43) trans-1,3-Dichloroprop...	7.561	79	10862	3.625	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.600%
46) 2-Hexanone-d5	8.027	63	72865	51.684	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.360%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	29527	4.992	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	31498	4.172	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.400%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.716	101	792	0.081	ug/L #	76
12) 1,1-Dichloroethene	2.069	96	855	0.153	ug/L #	1
13) Acetone	2.137	43	2648	2.197	ug/L	69
14) Carbon disulfide	2.243	76	2852	0.146	ug/L #	94
29) 1,1,1-Trichloroethane	4.516	97	1330	0.113	ug/L #	82
47) Tetrachloroethene	7.908	164	2419992	382.795	ug/L	98
51) Chlorobenzene	8.818	112	1742	0.083	ug/L #	84
52) Ethylbenzene	8.956	91	2593	0.072	ug/L	87
53) m,p-Xylene	9.085	106	945	0.070	ug/L	75
54) o-Xylene	9.490	106	871	0.067	ug/L	84
60) Isopropylbenzene	9.873	105	2137	0.068	ug/L	98

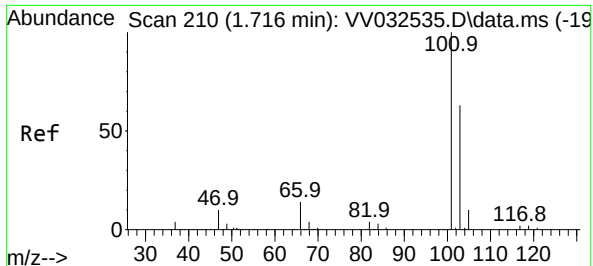
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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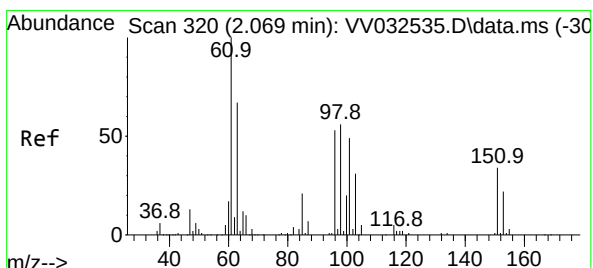
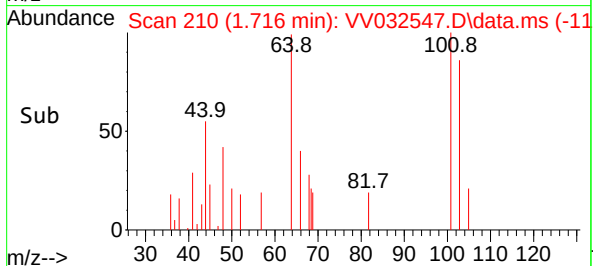
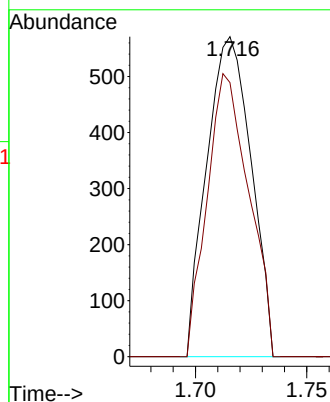
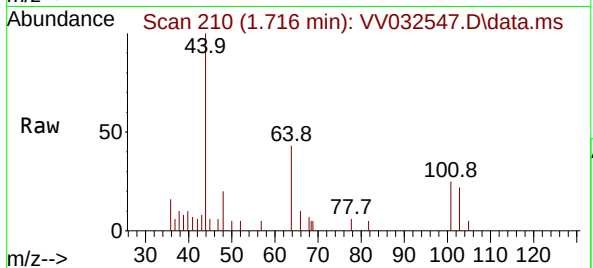




#9
Trichlorofluoromethane
Concen: 0.081 ug/L
RT: 1.716 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV032547.D
Acq: 21 Oct 2023 01:08

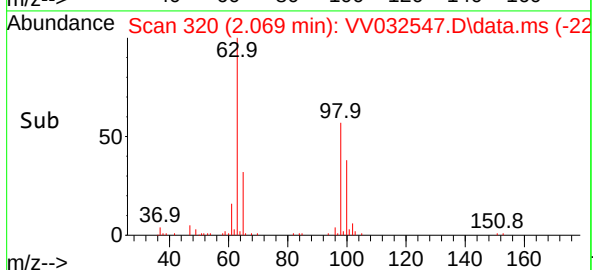
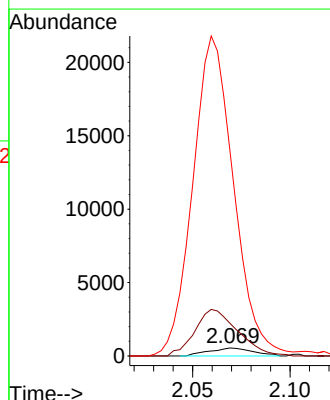
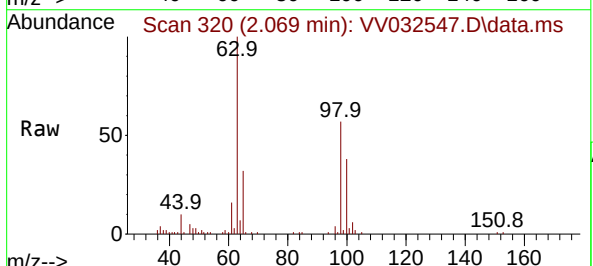
Instrument :
MSVOA_V
ClientSampleId :
C0AY7

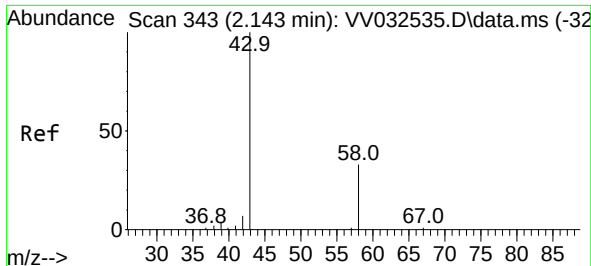
Tgt Ion:101 Resp: 792
Ion Ratio Lower Upper
101 100
103 83.3 51.4 77.2#



#12
1,1-Dichloroethene
Concen: 0.153 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV032547.D
Acq: 21 Oct 2023 01:08

Tgt Ion: 96 Resp: 855
Ion Ratio Lower Upper
96 100
61 410.3 127.3 236.3#
63 2573.3 98.3 182.7#





#13

Acetone

Concen: 2.197 ug/L

RT: 2.137 min Scan# 341

Delta R.T. -0.006 min

Lab File: VV032547.D

Acq: 21 Oct 2023 01:08

Instrument :

MSVOA_V

ClientSampleId :

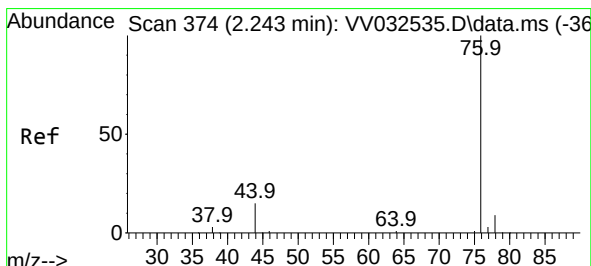
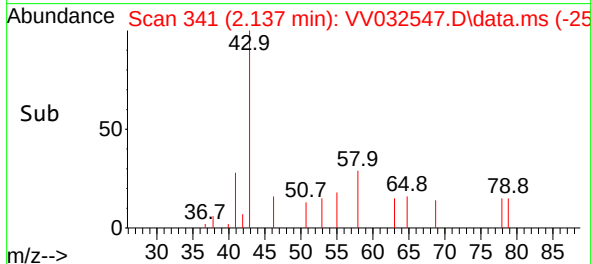
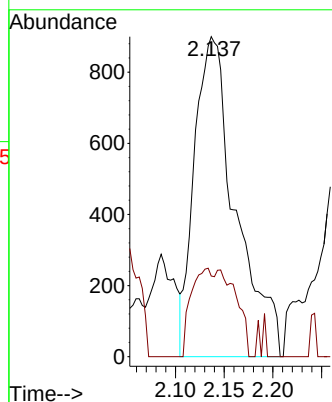
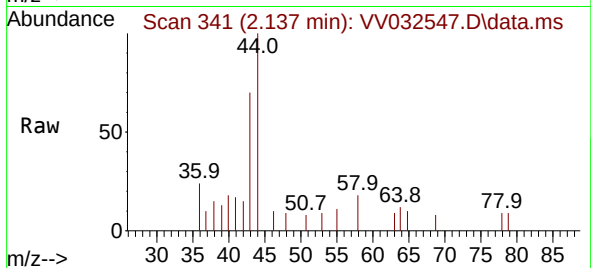
C0AY7

Tgt Ion: 43 Resp: 2648

Ion Ratio Lower Upper

43 100

58 15.3 0.0 66.0



#14

Carbon disulfide

Concen: 0.146 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.000 min

Lab File: VV032547.D

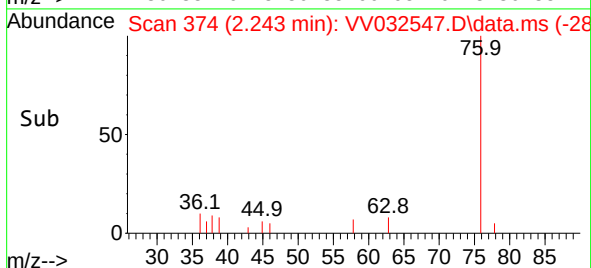
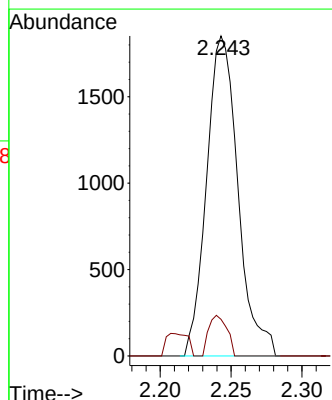
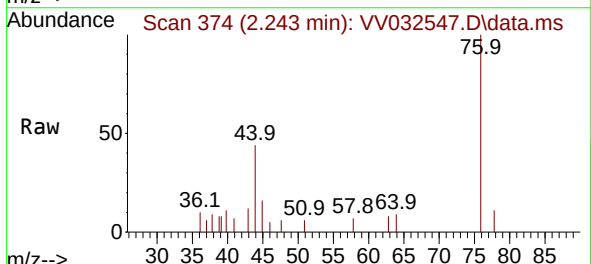
Acq: 21 Oct 2023 01:08

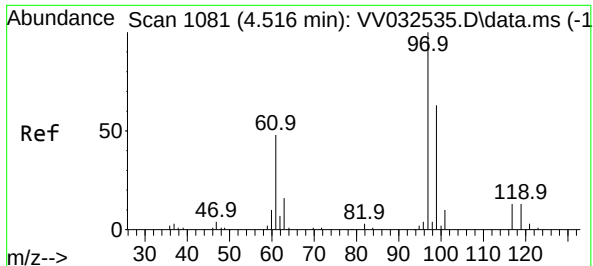
Tgt Ion: 76 Resp: 2852

Ion Ratio Lower Upper

76 100

78 11.4 7.4 11.2#





#29

1,1,1-Trichloroethane

Concen: 0.113 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. -0.000 min

Lab File: VV032547.D

Acq: 21 Oct 2023 01:08

Instrument :

MSVOA_V

ClientSampleId :

C0AY7

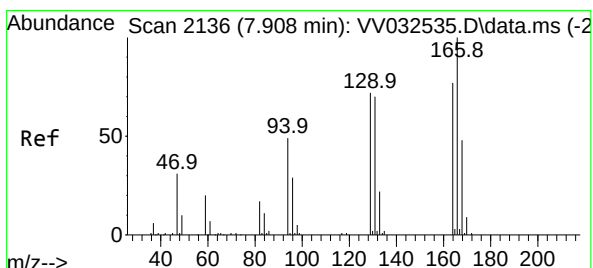
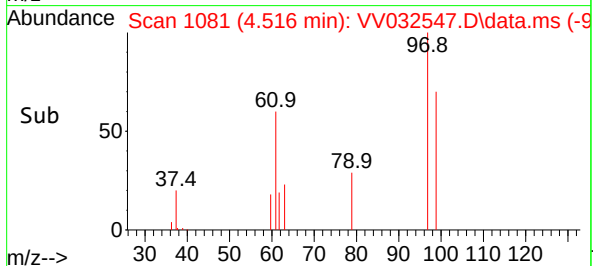
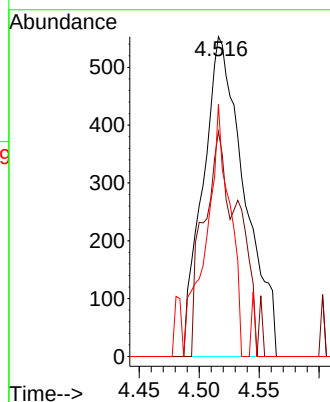
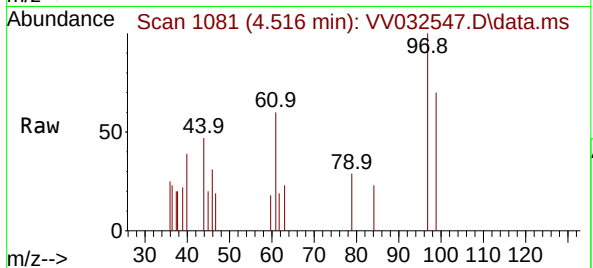
Tgt Ion: 97 Resp: 1330

Ion Ratio Lower Upper

97 100

99 40.0 50.1 75.1#

61 45.2 35.1 52.7



#47

Tetrachloroethene

Concen: 382.795 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VV032547.D

Acq: 21 Oct 2023 01:08

Tgt Ion:164 Resp: 2419992

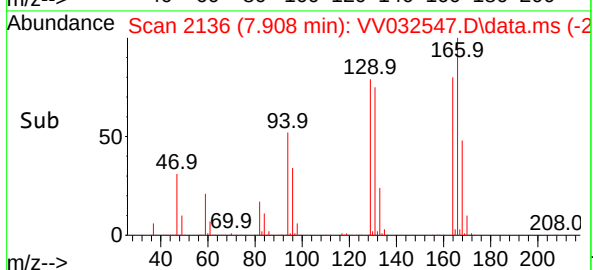
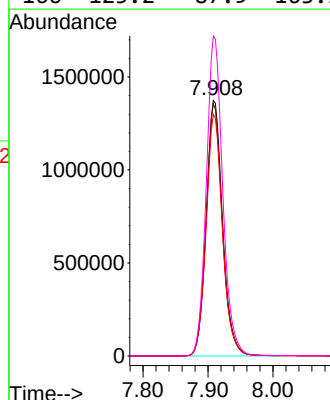
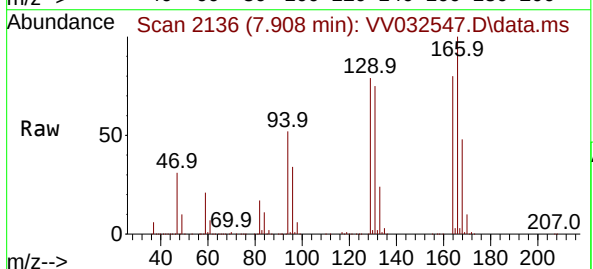
Ion Ratio Lower Upper

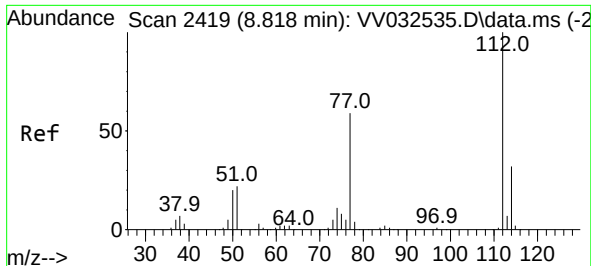
164 100

129 98.8 66.4 123.4

131 94.5 63.7 118.3

166 125.2 87.9 163.3

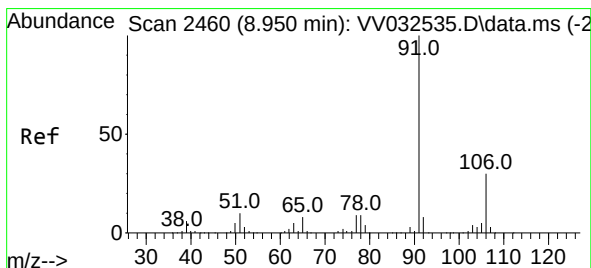
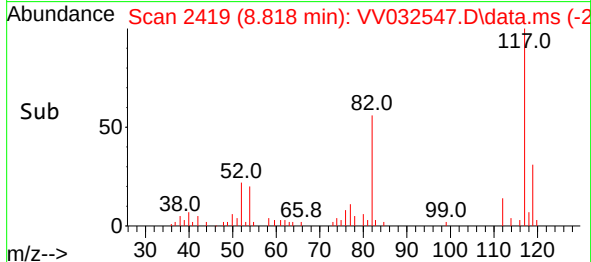
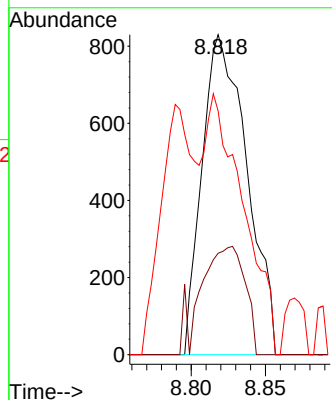
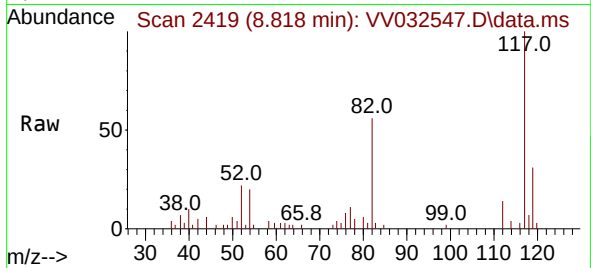




#51
Chlorobenzene
Concen: 0.083 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. -0.000 min
Lab File: VV032547.D
Acq: 21 Oct 2023 01:08

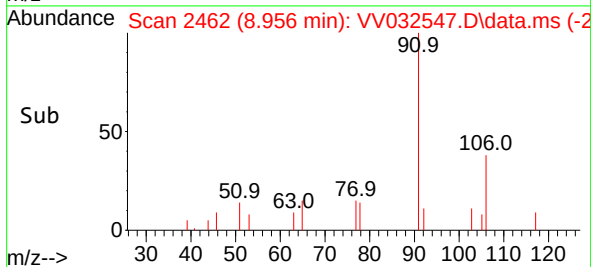
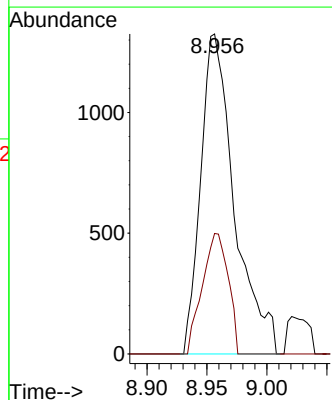
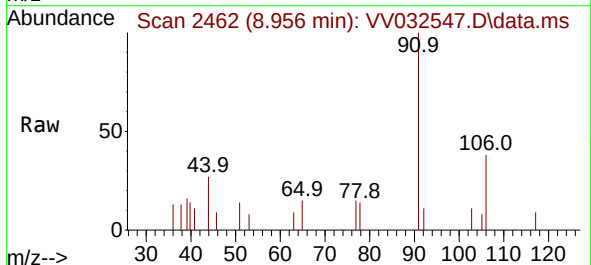
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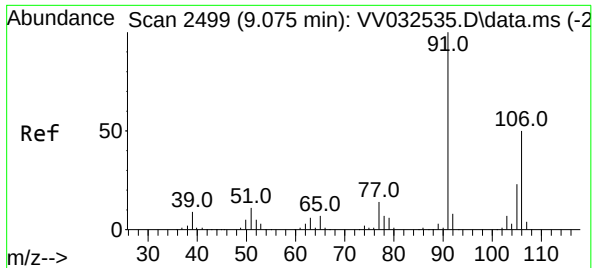
Tgt Ion:112 Resp: 1742
Ion Ratio Lower Upper
112 100
114 31.7 22.1 41.1
77 76.1 46.1 69.1#



#52
Ethylbenzene
Concen: 0.072 ug/L
RT: 8.956 min Scan# 2462
Delta R.T. 0.006 min
Lab File: VV032547.D
Acq: 21 Oct 2023 01:08

Tgt Ion: 91 Resp: 2593
Ion Ratio Lower Upper
91 100
106 37.7 21.3 39.5

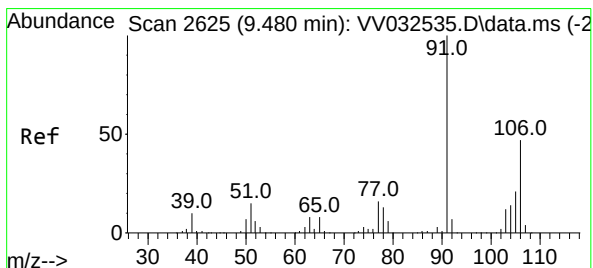
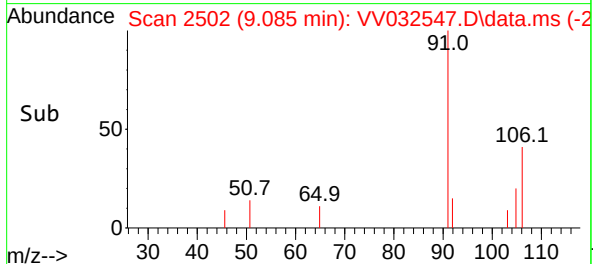
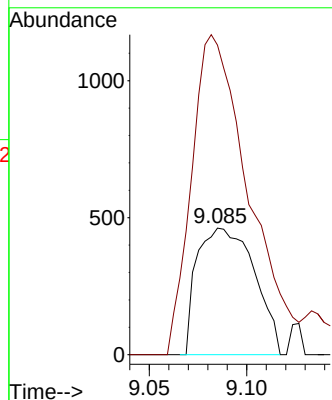
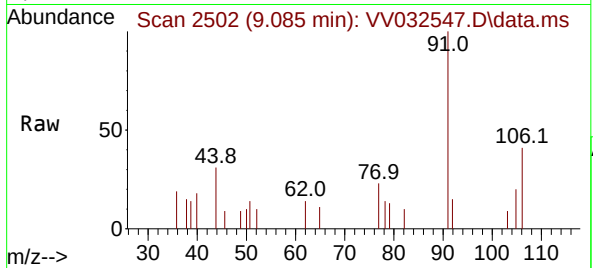




#53
m,p-Xylene
Concen: 0.070 ug/L
RT: 9.085 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV032547.D
Acq: 21 Oct 2023 01:08

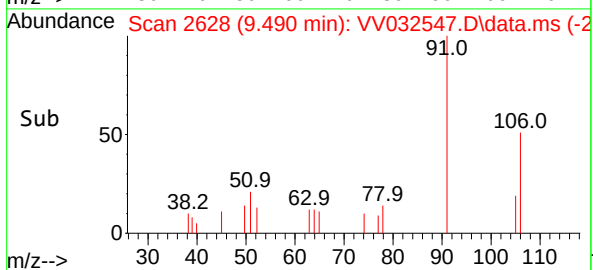
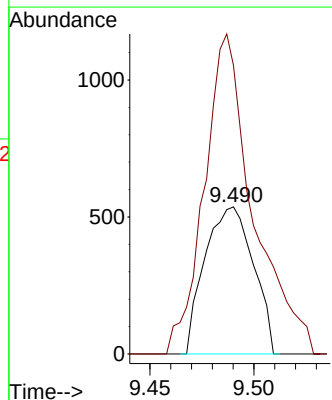
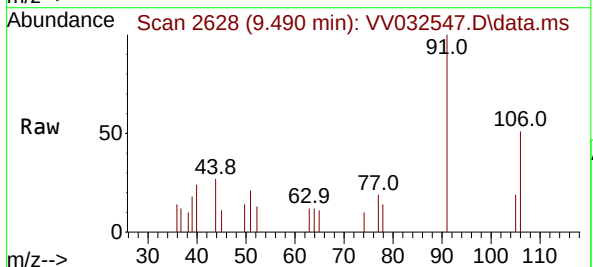
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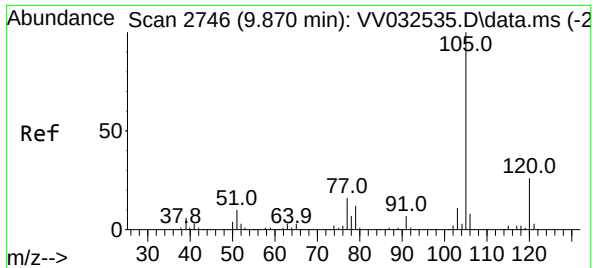
Tgt Ion:106 Resp: 945
Ion Ratio Lower Upper
106 100
91 244.6 144.5 268.3



#54
o-Xylene
Concen: 0.067 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.010 min
Lab File: VV032547.D
Acq: 21 Oct 2023 01:08

Tgt Ion:106 Resp: 871
Ion Ratio Lower Upper
106 100
91 196.1 154.8 287.4





#60
Isopropylbenzene
Concen: 0.068 ug/L
RT: 9.873 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV032547.D
Acq: 21 Oct 2023 01:08

Instrument :
MSVOA_V
ClientSampleId :
C0AY7

Tgt Ion:105 Resp: 2137
Ion Ratio Lower Upper
105 100
120 26.0 21.0 31.6
77 17.8 12.6 19.0

