

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101123\
 Data File : VV032392.D
 Acq On : 11 Oct 2023 14:47
 Operator : SY/MD
 Sample : 04851-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B02

Quant Time: Oct 12 03:05:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 12 02:54:58 2023
 Response via : Initial Calibration

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

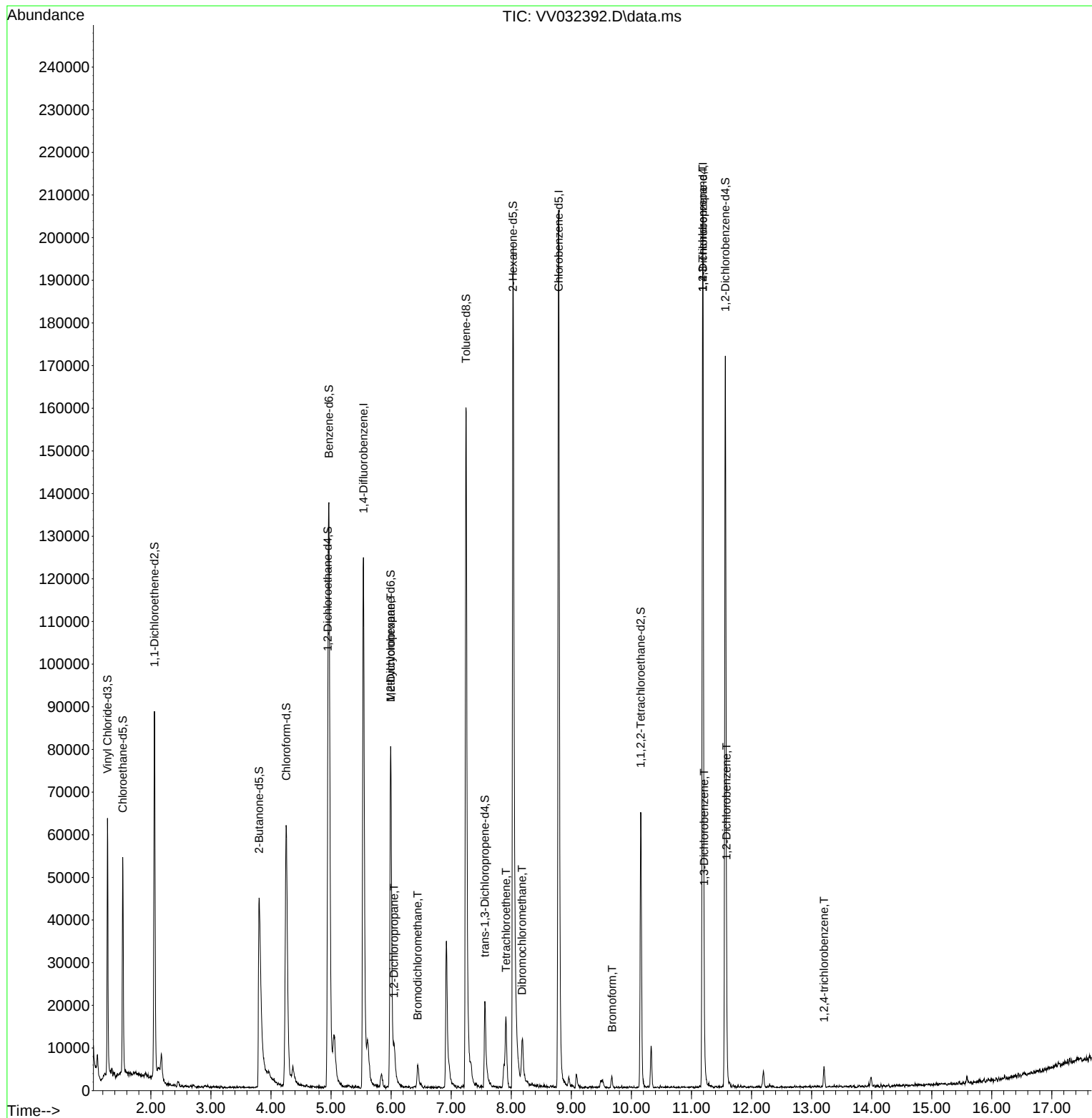
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	106811	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	119114	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	54484	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	37498	4.317	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.532	69	31975	4.535	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.059	65	14240	3.887	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	3.802	46	86346	39.293	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.580%
24) Chloroform-d	4.252	84	65410	4.268	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	4.947	65	31930	4.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	4.963	84	124729	3.559	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.200%
36) 1,2-Dichloropropane-d6	5.992	67	41456	3.570	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.400%
41) Toluene-d8	7.246	98	116292	3.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.600%
43) trans-1,3-Dichloroprop...	7.561	79	14200	3.451	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.000%
46) 2-Hexanone-d5	8.030	63	74260	38.355	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.720%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	32988	4.061	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	43652	4.318	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						Qvalue
35) Methylcyclohexane	5.992	83	9624	0.543	ug/L #	17
37) 1,2-Dichloropropane	6.046	63	754	0.067	ug/L #	87
38) Bromodichloromethane	6.442	83	4386	0.329	ug/L #	86
47) Tetrachloroethene	7.911	164	4158	0.479	ug/L	93
49) Dibromochloromethane	8.181	129	5200	0.631	ug/L	97
59) Bromoform	9.677	173	1190	0.300	ug/L #	88
61) 1,2,3-Trichloropropane	11.188	75	7251	1.250	ug/L #	65
64) 1,3-Dichlorobenzene	11.210	146	1349	0.067	ug/L #	79
67) 1,2-Dichlorobenzene	11.583	146	1852	0.100	ug/L #	88
70) 1,2,4-trichlorobenzene	13.207	180	1721	0.131	ug/L	95

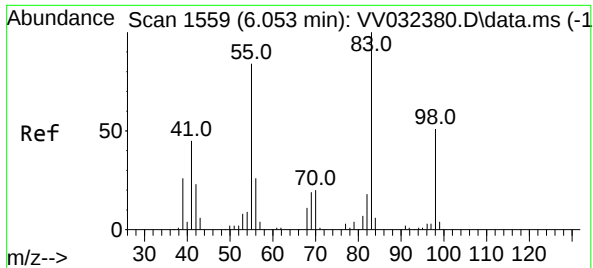
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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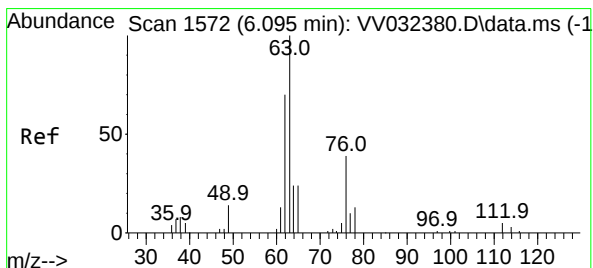
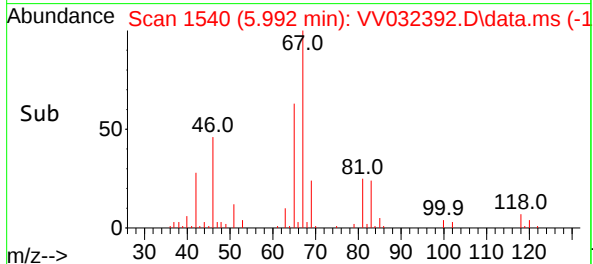
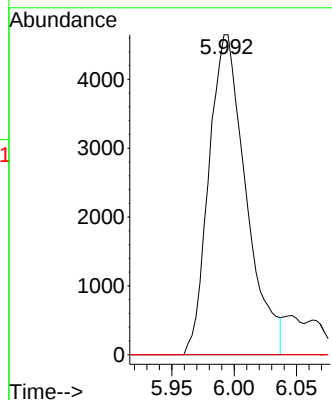
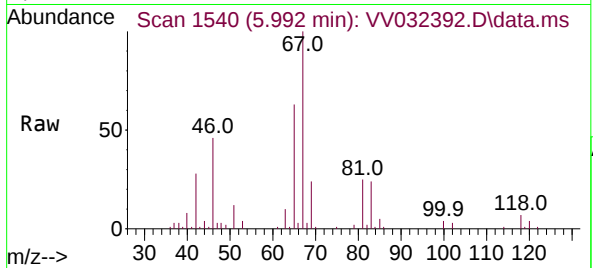




#35
Methylcyclohexane
Concen: 0.543 ug/L
RT: 5.992 min Scan# 11
Delta R.T. -0.061 min
Lab File: VV032392.D
Acq: 11 Oct 2023 14:47

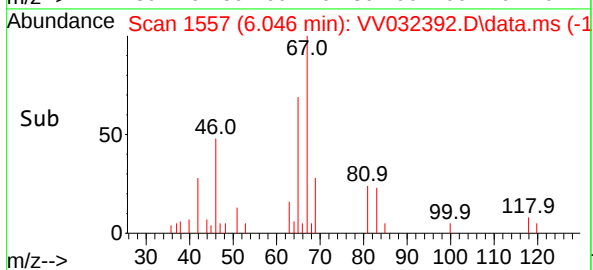
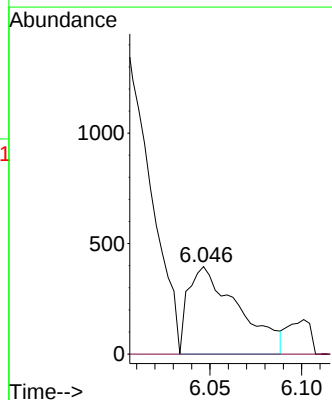
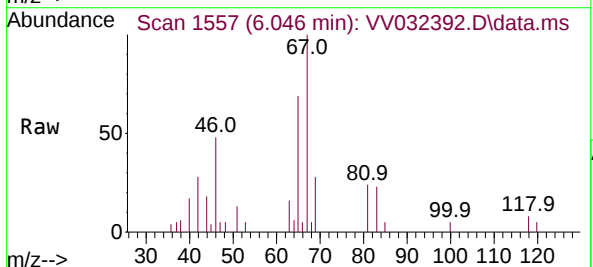
Instrument :
MSVOA_V
ClientSampleId :
C0B02

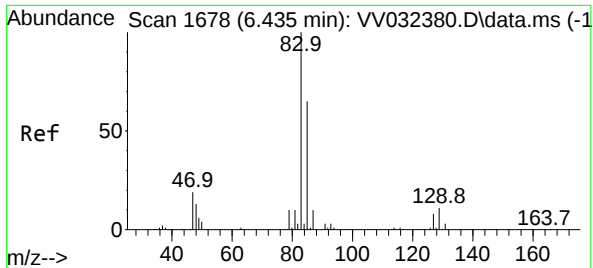
Tgt Ion: 83 Resp: 9624
Ion Ratio Lower Upper
83 100
55 0.2 64.2 96.2#
98 1.1 39.6 59.4#



#37
1,2-Dichloropropane
Concen: 0.067 ug/L
RT: 6.046 min Scan# 1557
Delta R.T. -0.048 min
Lab File: VV032392.D
Acq: 11 Oct 2023 14:47

Tgt Ion: 63 Resp: 754
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#

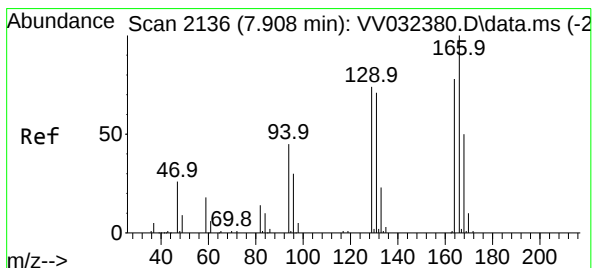
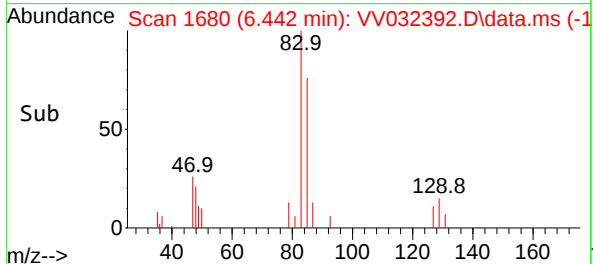
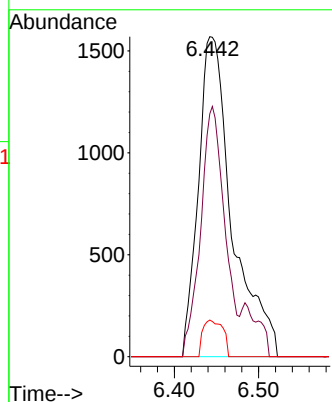
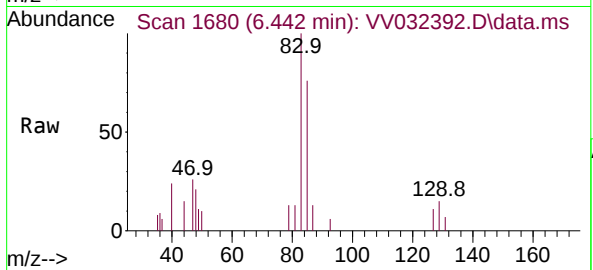




#38
Bromodichloromethane
Concen: 0.329 ug/L
RT: 6.442 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV032392.D
Acq: 11 Oct 2023 14:47

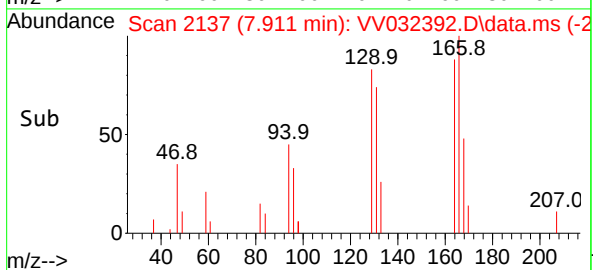
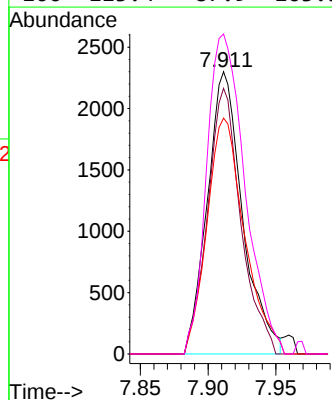
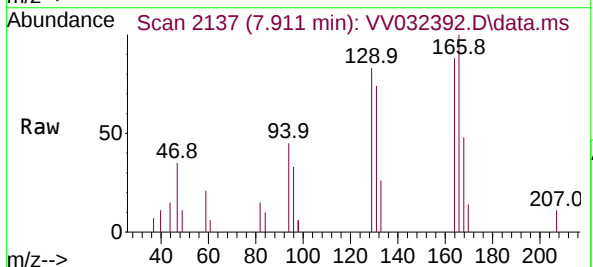
Instrument :
MSVOA_V
ClientSampleId :
C0B02

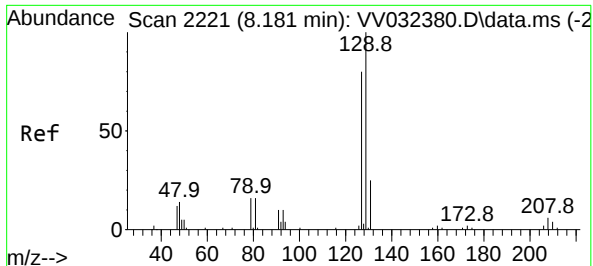
Tgt Ion: 83 Resp: 4386
Ion Ratio Lower Upper
83 100
85 75.9 44.9 83.3
127 11.5 6.9 10.3#



#47
Tetrachloroethene
Concen: 0.479 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VV032392.D
Acq: 11 Oct 2023 14:47

Tgt Ion: 164 Resp: 4158
Ion Ratio Lower Upper
164 100
129 94.1 66.4 123.4
131 83.6 63.7 118.3
166 113.4 87.9 163.3





#49

Dibromochloromethane

Concen: 0.631 ug/L

RT: 8.181 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV032392.D

Acq: 11 Oct 2023 14:47

Instrument :

MSVOA_V

ClientSampleId :

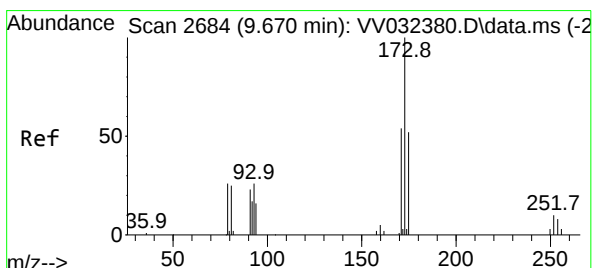
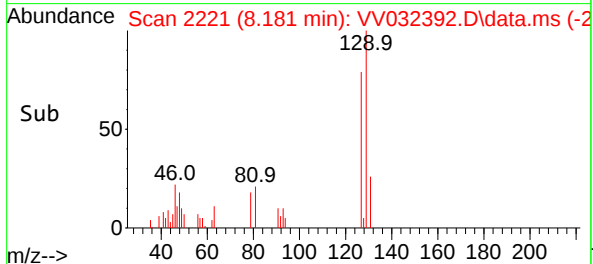
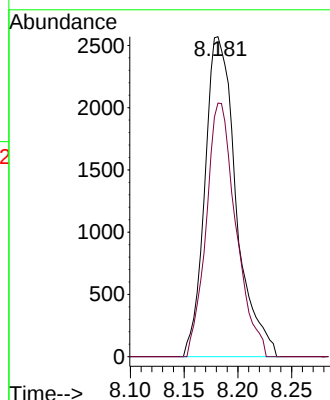
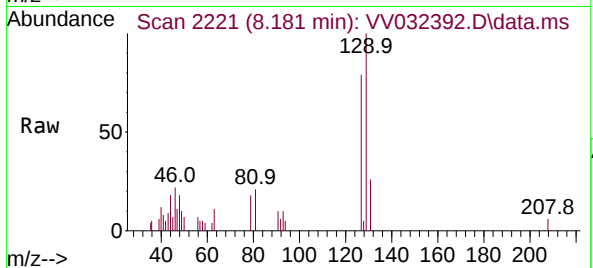
C0B02

Tgt Ion:129 Resp: 5200

Ion Ratio Lower Upper

129 100

127 79.3 57.2 106.2



#59

Bromoform

Concen: 0.300 ug/L

RT: 9.677 min Scan# 2686

Delta R.T. 0.006 min

Lab File: VV032392.D

Acq: 11 Oct 2023 14:47

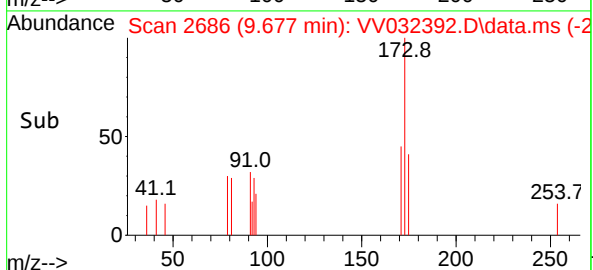
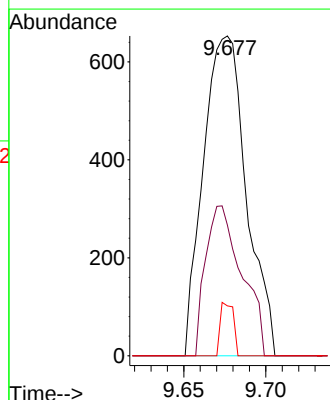
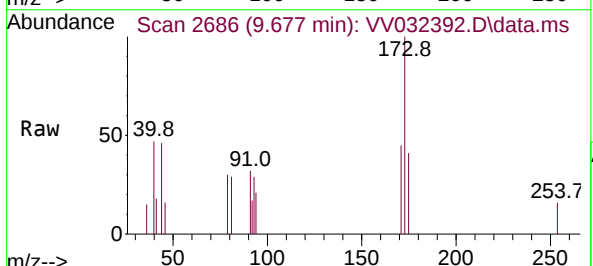
Tgt Ion:173 Resp: 1190

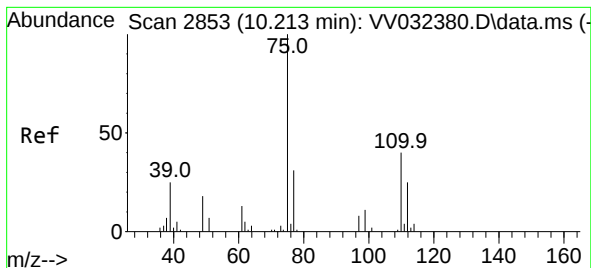
Ion Ratio Lower Upper

173 100

175 39.5 38.2 57.2

254 5.0 7.0 10.4#





#61

1,2,3-Trichloropropane

Concen: 1.250 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.974 min

Lab File: VV032392.D

Acq: 11 Oct 2023 14:47

Instrument :

MSVOA_V

ClientSampleId :

C0B02

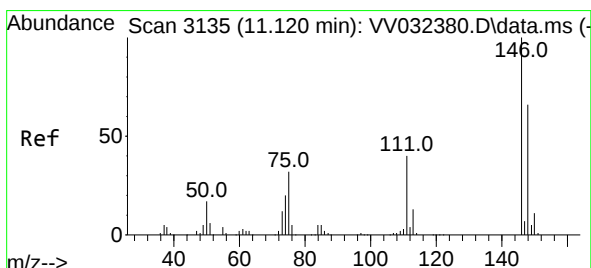
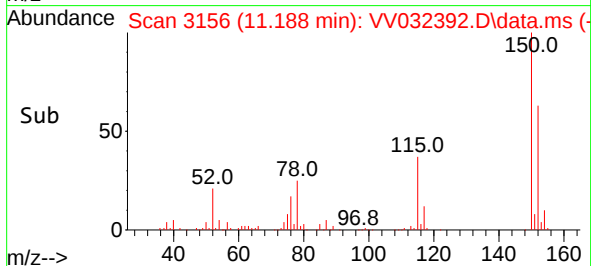
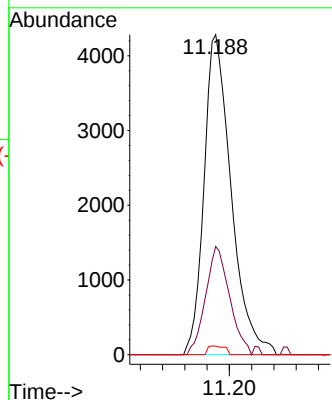
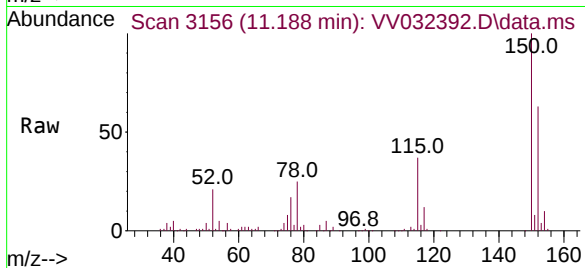
Tgt Ion: 75 Resp: 7251

Ion Ratio Lower Upper

75 100

77 29.9 26.2 39.2

110 1.7 30.6 46.0#



#64

1,3-Dichlorobenzene

Concen: 0.067 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.090 min

Lab File: VV032392.D

Acq: 11 Oct 2023 14:47

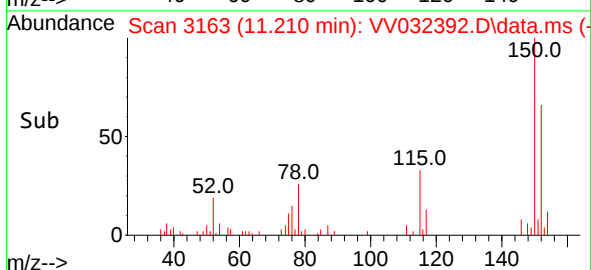
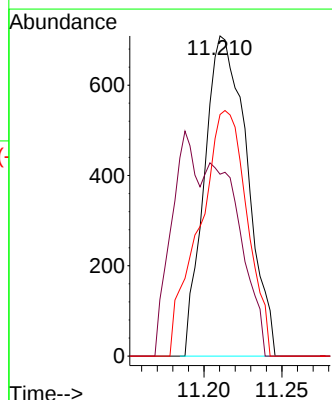
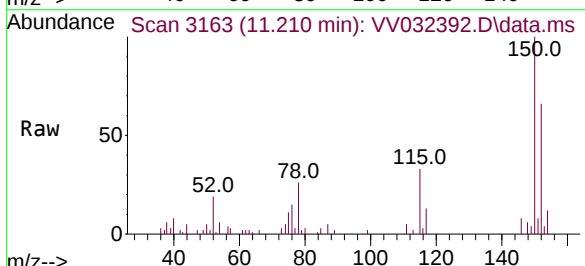
Tgt Ion:146 Resp: 1349

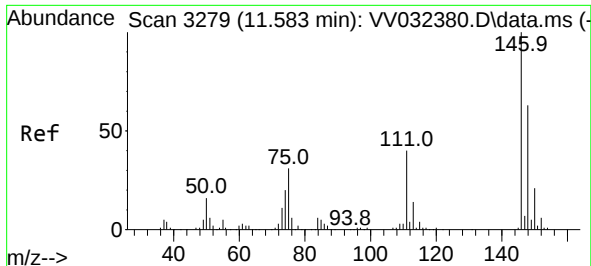
Ion Ratio Lower Upper

146 100

111 56.8 27.8 51.6#

148 75.5 43.7 81.1





#67

1,2-Dichlorobenzene

Concen: 0.100 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032392.D

Acq: 11 Oct 2023 14:47

Instrument :

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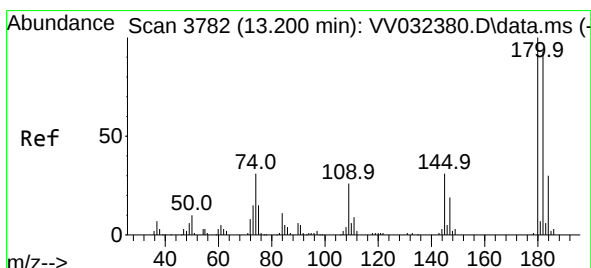
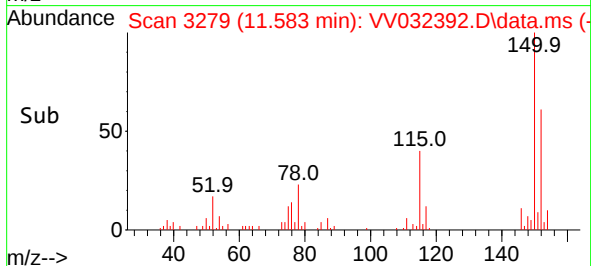
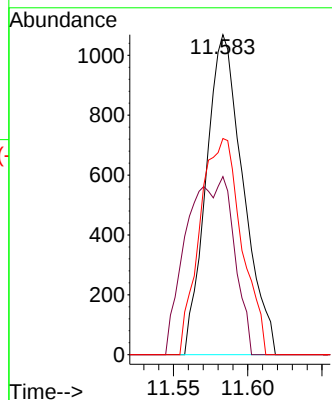
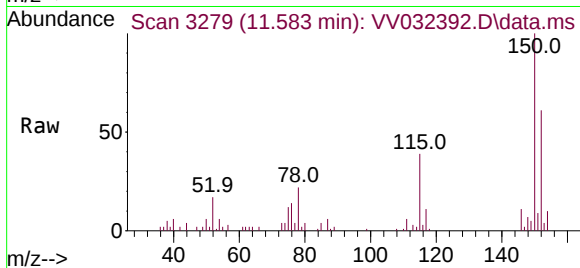
Tgt Ion:146 Resp: 1852

Ion Ratio Lower Upper

146 100

111 55.7 32.8 49.2#

148 67.5 51.0 76.4



#70

1,2,4-trichlorobenzene

Concen: 0.131 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.006 min

Lab File: VV032392.D

Acq: 11 Oct 2023 14:47

Tgt Ion:180 Resp: 1721

Ion Ratio Lower Upper

180 100

182 91.2 76.5 114.7

145 27.4 24.3 36.5

