

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101123\
 Data File : VV032389.D
 Acq On : 11 Oct 2023 13:34
 Operator : SY/MD
 Sample : 04826-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCJV1

Quant Time: Oct 12 03:04:42 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)

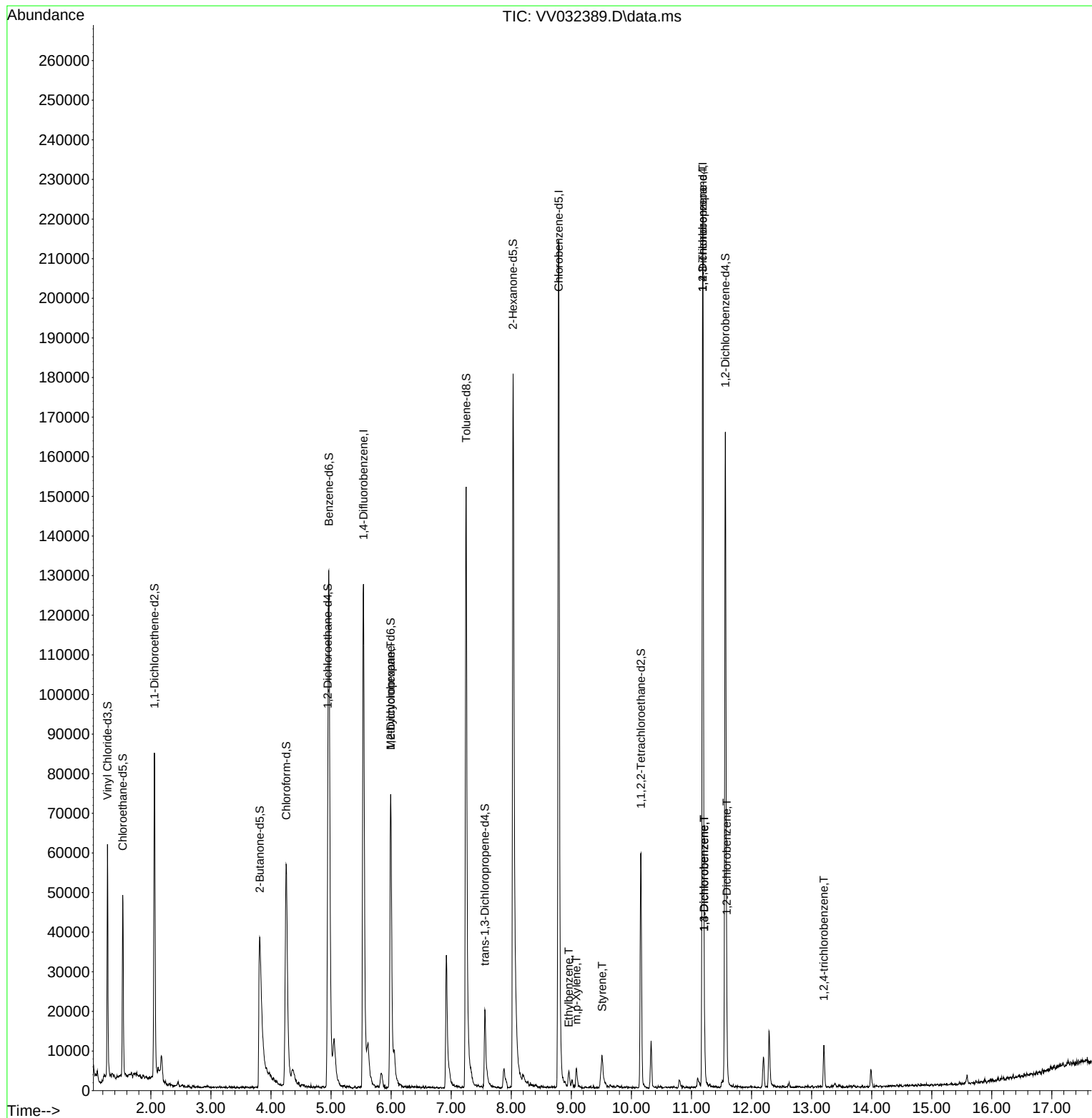
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	111554	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	124033	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	58316	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	36447	4.017	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.532	69	29404	3.993	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.060	65	14199	3.711	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.200%
20) 2-Butanone-d5	3.812	46	78110	34.034	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.060%
24) Chloroform-d	4.253	84	61500	3.843	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.800%
26) 1,2-Dichloroethane-d4	4.947	65	29492	3.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
32) Benzene-d6	4.963	84	117724	3.226	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	64.600%#
36) 1,2-Dichloropropane-d6	5.992	67	39002	3.225	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	64.600%
41) Toluene-d8	7.249	98	111444	3.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.800%#
43) trans-1,3-Dichloroprop...	7.561	79	13787	3.218	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.400%
46) 2-Hexanone-d5	8.031	63	68391	33.923	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.840%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	30671	3.626	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	41131	3.801	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.000%#
Target Compounds						
					Qvalue	
35) Methylcyclohexane	5.992	83	9073	0.492	ug/L #	17
52) Ethylbenzene	8.957	91	3139	0.061	ug/L	94
53) m,p-Xylene	9.085	106	1540	0.080	ug/L	82
55) Styrene	9.513	104	2417	0.077	ug/L	97
61) 1,2,3-Trichloropropane	11.188	75	8707	1.403	ug/L #	67
64) 1,3-Dichlorobenzene	11.214	146	2871	0.133	ug/L #	84
65) 1,4-Dichlorobenzene	11.214	146	2871	0.132	ug/L #	85
67) 1,2-Dichlorobenzene	11.587	146	4038	0.204	ug/L	95
70) 1,2,4-trichlorobenzene	13.204	180	3557	0.253	ug/L	96

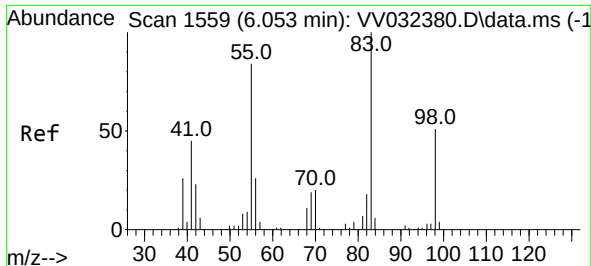
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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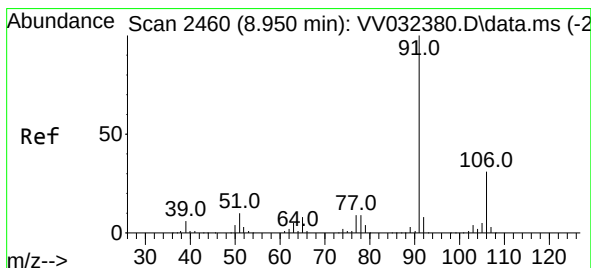
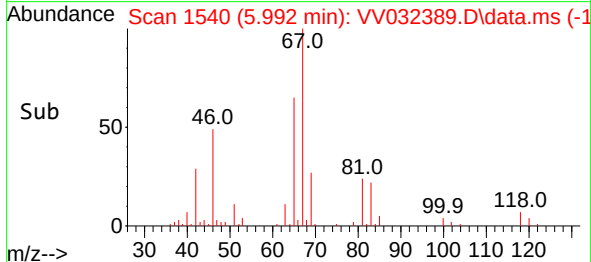
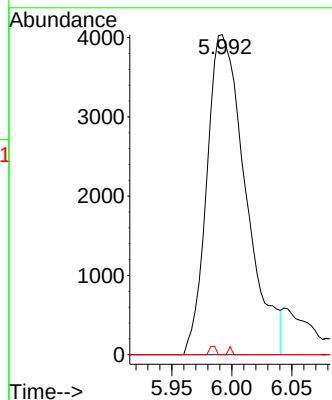
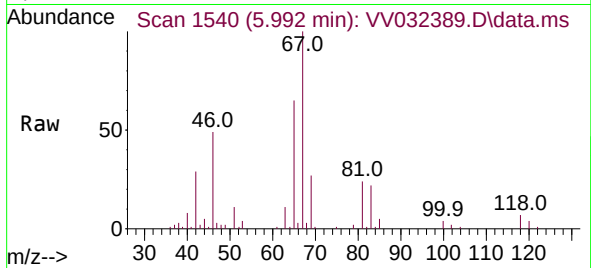




#35
Methylcyclohexane
Concen: 0.492 ug/L
RT: 5.992 min Scan# 11
Delta R.T. -0.061 min
Lab File: VV032389.D
Acq: 11 Oct 2023 13:34

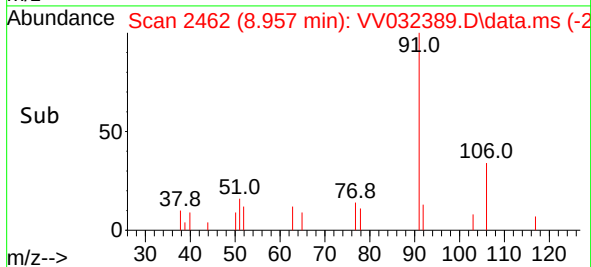
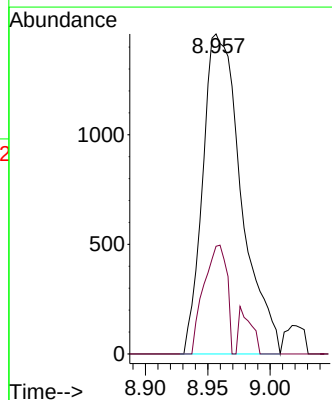
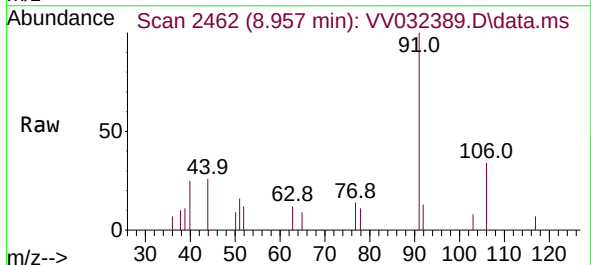
Instrument :
MSVOA_V
ClientSampleId :
DCJV1

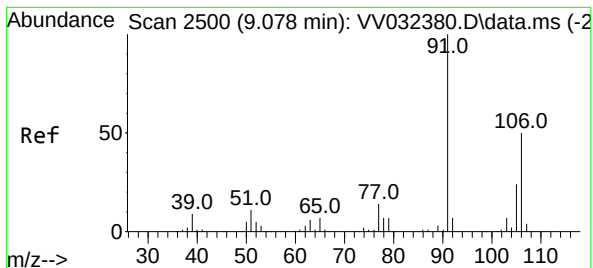
Tgt Ion: 83 Resp: 9073
Ion Ratio Lower Upper
83 100
55 0.0 64.2 96.2#
98 0.5 39.6 59.4#



#52
Ethylbenzene
Concen: 0.061 ug/L
RT: 8.957 min Scan# 2462
Delta R.T. 0.007 min
Lab File: VV032389.D
Acq: 11 Oct 2023 13:34

Tgt Ion: 91 Resp: 3139
Ion Ratio Lower Upper
91 100
106 33.6 21.3 39.5





#53

m,p-Xylene

Concen: 0.080 ug/L

RT: 9.085 min Scan# 21

Delta R.T. 0.007 min

Lab File: VV032389.D

Acq: 11 Oct 2023 13:34

Instrument :

MSVOA_V

ClientSampleId :

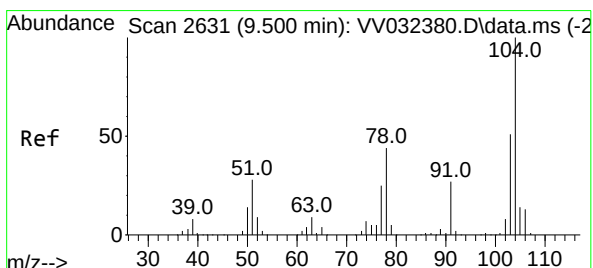
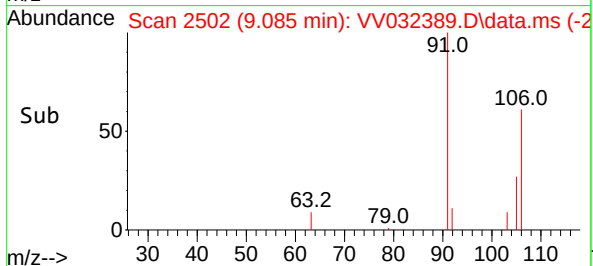
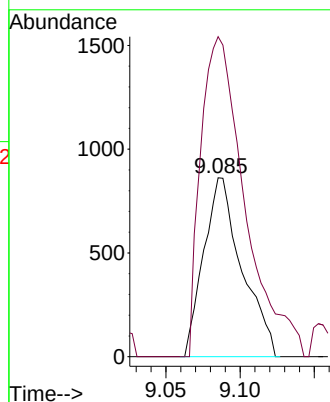
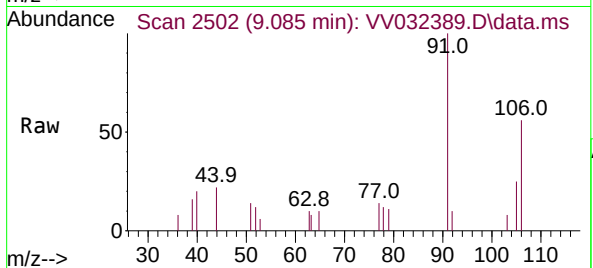
DCJV1

Tgt Ion:106 Resp: 1540

Ion Ratio Lower Upper

106 100

91 178.9 144.5 268.3



#55

Styrene

Concen: 0.077 ug/L

RT: 9.513 min Scan# 2635

Delta R.T. 0.013 min

Lab File: VV032389.D

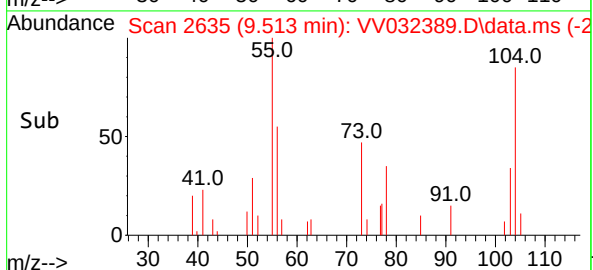
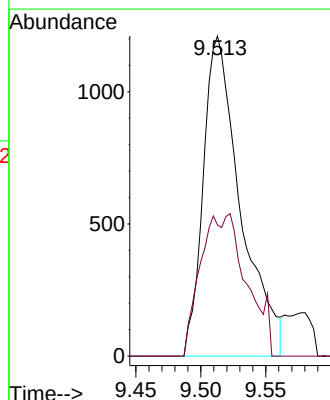
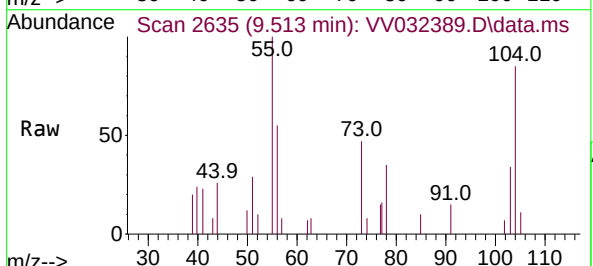
Acq: 11 Oct 2023 13:34

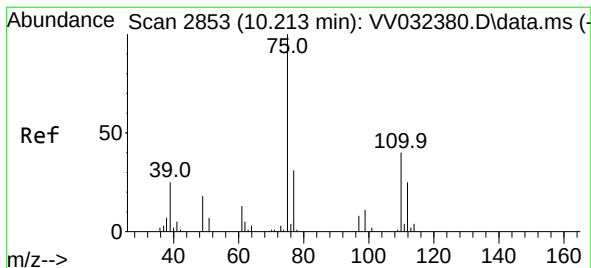
Tgt Ion:104 Resp: 2417

Ion Ratio Lower Upper

104 100

78 41.0 29.9 55.5





#61

1,2,3-Trichloropropane

Concen: 1.403 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.974 min

Lab File: VV032389.D

Acq: 11 Oct 2023 13:34

Instrument :

MSVOA_V

ClientSampleId :

DCJV1

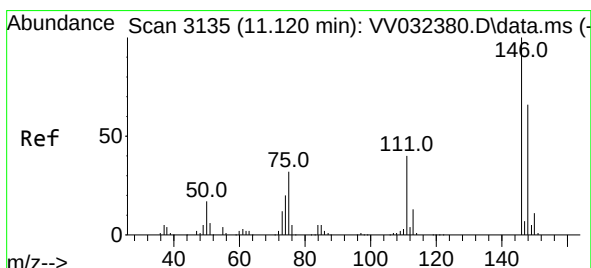
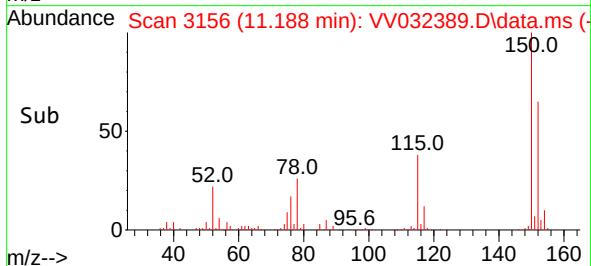
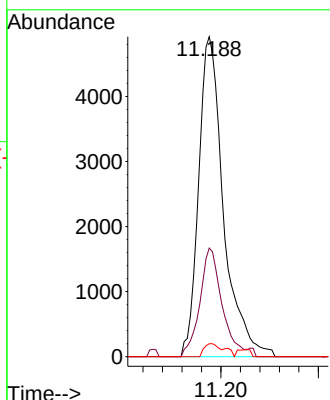
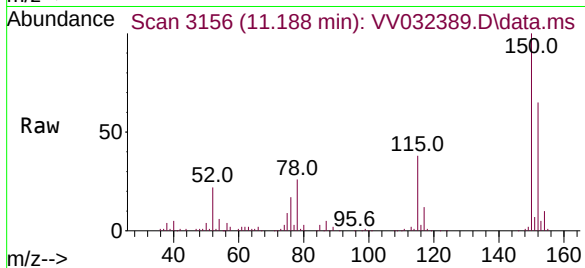
Tgt Ion: 75 Resp: 8707

Ion Ratio Lower Upper

75 100

77 30.8 26.2 39.2

110 2.4 30.6 46.0#



#64

1,3-Dichlorobenzene

Concen: 0.133 ug/L

RT: 11.214 min Scan# 3164

Delta R.T. 0.094 min

Lab File: VV032389.D

Acq: 11 Oct 2023 13:34

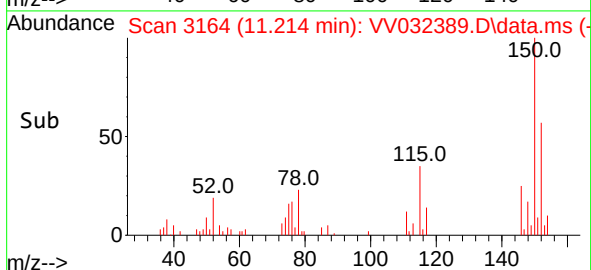
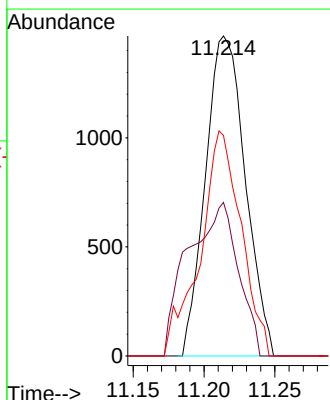
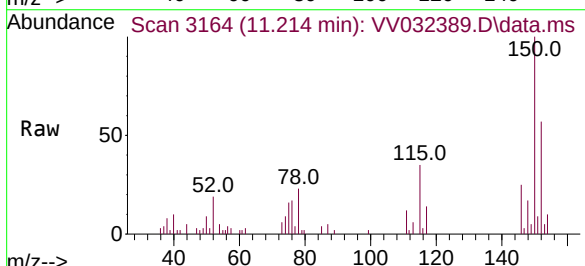
Tgt Ion:146 Resp: 2871

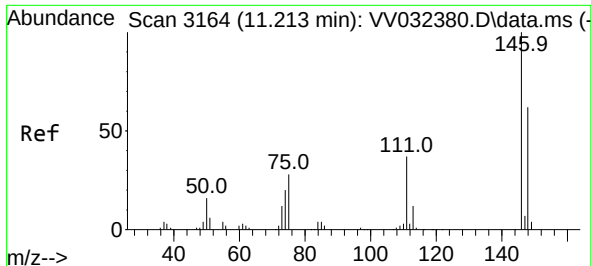
Ion Ratio Lower Upper

146 100

111 56.2 27.8 51.6#

148 68.9 43.7 81.1

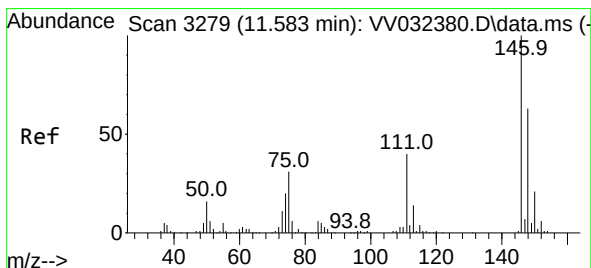
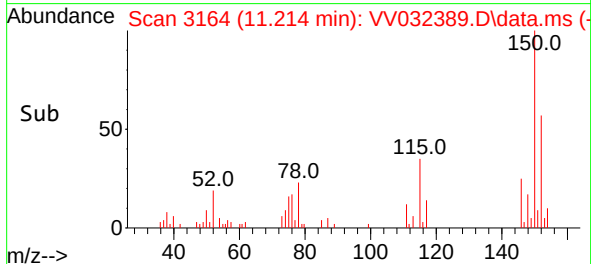
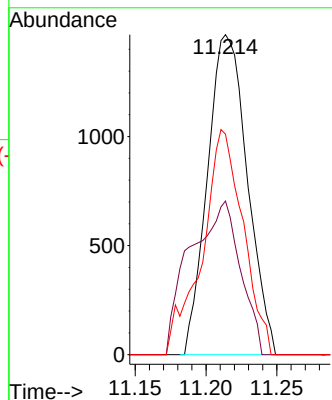
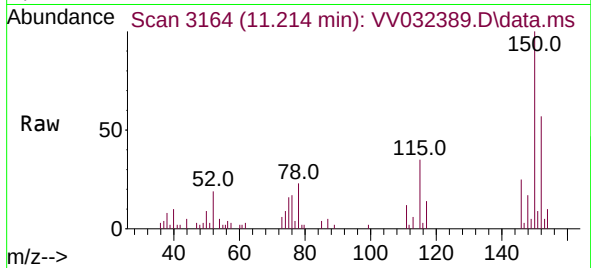




#65
1,4-Dichlorobenzene
Concen: 0.132 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VV032389.D
Acq: 11 Oct 2023 13:34

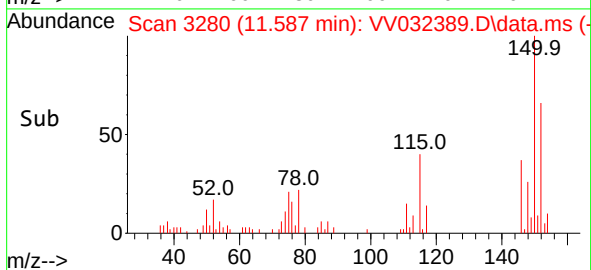
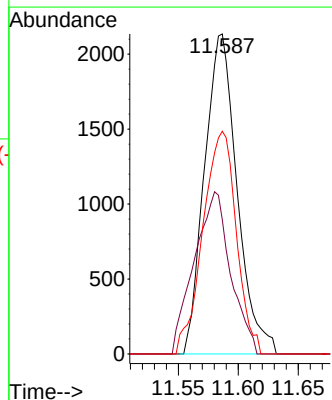
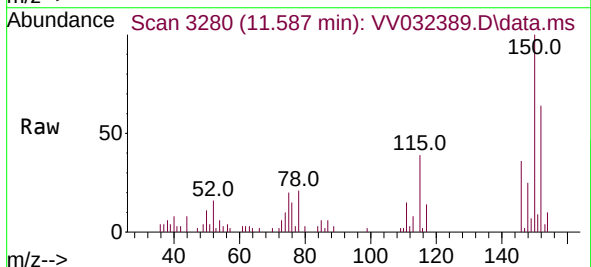
Instrument :
MSVOA_V
ClientSampleId :
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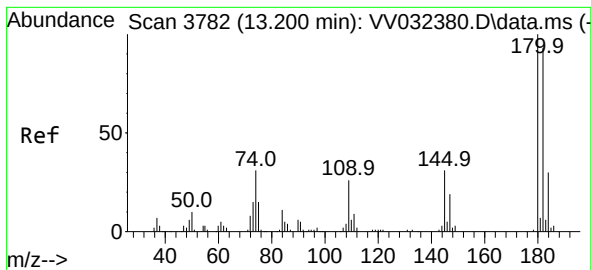
Tgt Ion:146 Resp: 2871
Ion Ratio Lower Upper
146 100
111 56.2 26.9 49.9#
148 68.9 44.8 83.2



#67
1,2-Dichlorobenzene
Concen: 0.204 ug/L
RT: 11.587 min Scan# 3280
Delta R.T. 0.003 min
Lab File: VV032389.D
Acq: 11 Oct 2023 13:34

Tgt Ion:146 Resp: 4038
Ion Ratio Lower Upper
146 100
111 42.0 32.8 49.2
148 69.6 51.0 76.4





#70

1,2,4-trichlorobenzene

Concen: 0.253 ug/L

RT: 13.204 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV032389.D

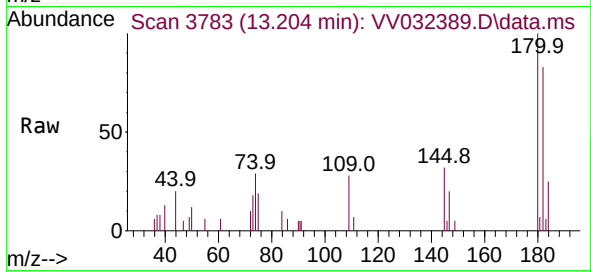
Acq: 11 Oct 2023 13:34

Instrument :

MSVOA_V

ClientSampleId :

DCJV1



Tgt Ion:180 Resp: 3557

Ion Ratio Lower Upper

180 100

182 91.3 76.5 114.7

145 29.9 24.3 36.5

