

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040324\
 Data File : VV034960.D
 Acq On : 03 Apr 2024 16:39
 Operator : SY/MD
 Sample : P1925-20 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 04 02:54:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 02:49:59 2024
 Response via : Initial Calibration

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

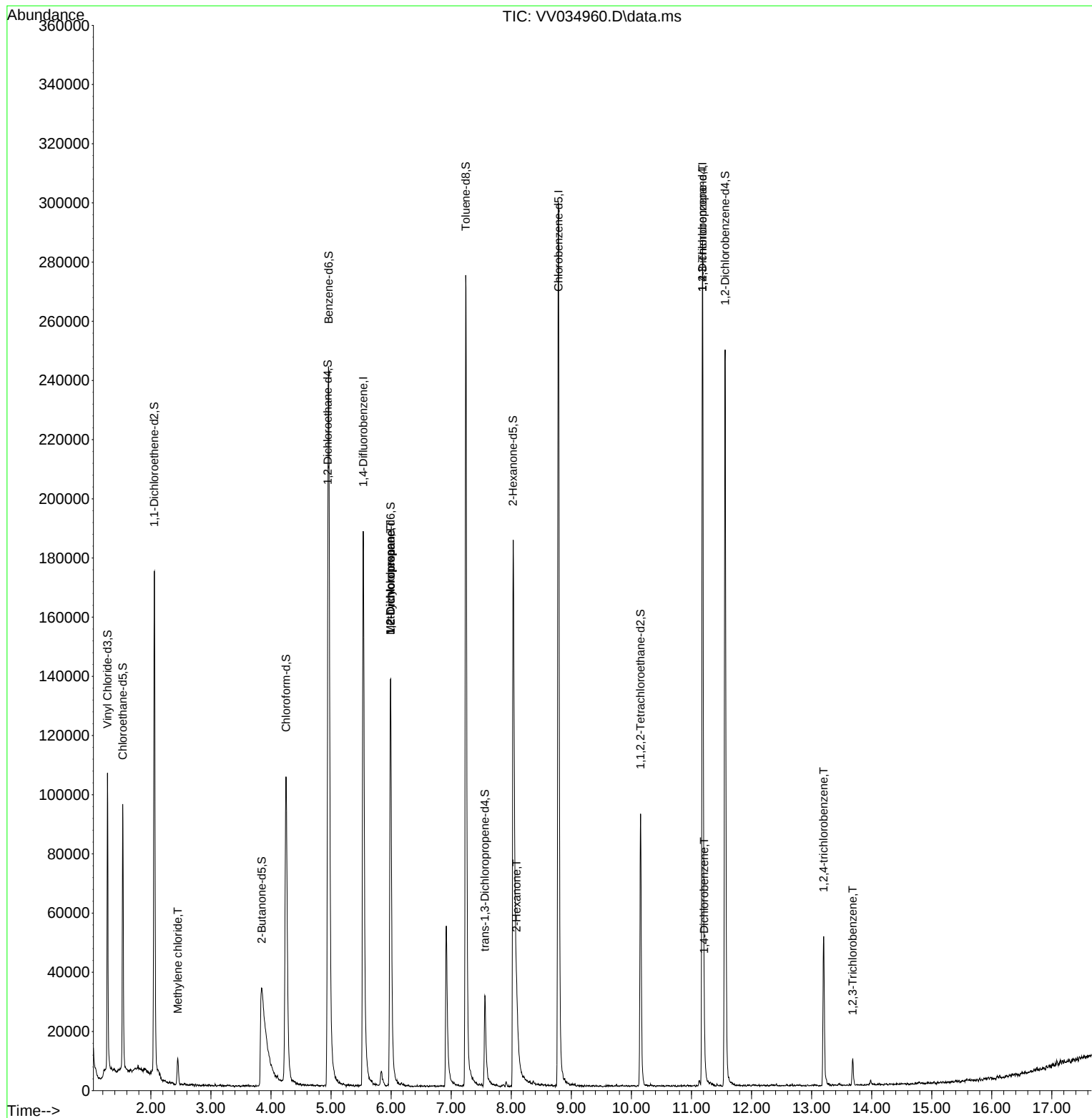
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	169287	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	172670	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	74915	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	62663	4.491	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.800%
7) Chloroethane-d5	1.532	69	57210	4.974	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.056	65	29781	4.700	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.000%
20) 2-Butanone-d5	3.844	46	102587	46.995	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.000%
24) Chloroform-d	4.249	84	116435	5.158	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	4.947	65	54276	5.324	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	4.960	84	230398	5.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
36) 1,2-Dichloropropane-d6	5.992	67	72551	5.473	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.400%
41) Toluene-d8	7.243	98	191344	4.664	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	7.561	79	21814	4.632	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.031	63	71914	44.493	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.980%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	47129	5.095	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	64450	5.462	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.200%
Target Compounds						Qvalue
16) Methylene chloride	2.449	84	3662	0.260	ug/L	94
35) Methylcyclohexane	5.989	83	17080	0.814	ug/L #	19
37) 1,2-Dichloropropane	5.989	63	7874	0.574	ug/L #	87
48) 2-Hexanone	8.088	43	18068	3.870	ug/L #	84
61) 1,2,3-Trichloropropane	11.185	75	10244	1.465	ug/L #	65
65) 1,4-Dichlorobenzene	11.214	146	3419	0.143	ug/L	95
70) 1,2,4-trichlorobenzene	13.201	180	16598	1.191	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	3014	0.246	ug/L	96

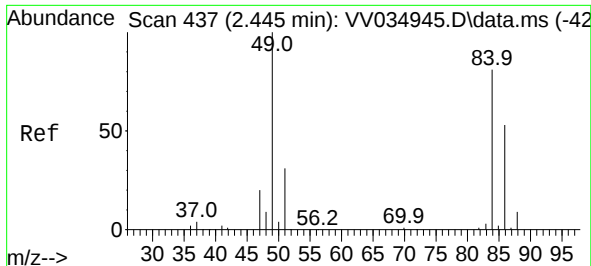
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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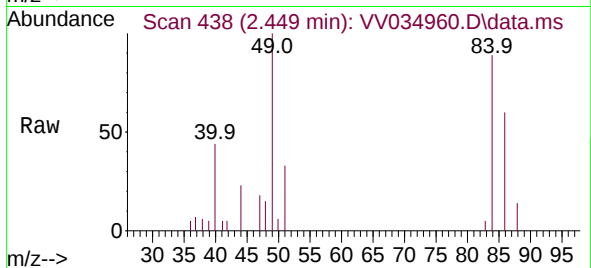
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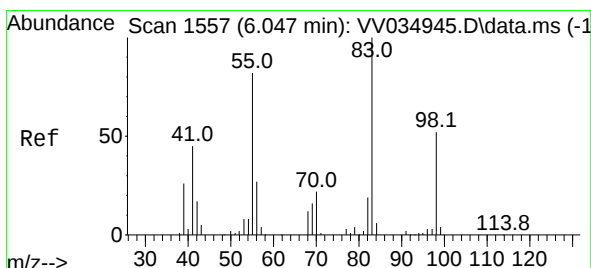
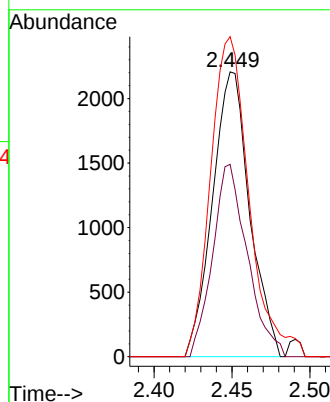
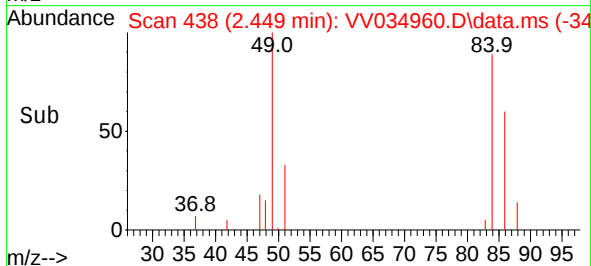


#16
Methylene chloride
Concen: 0.260 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV034960.D
Acq: 03 Apr 2024 16:39

Instrument :
MSVOA_V
ClientSampleId :

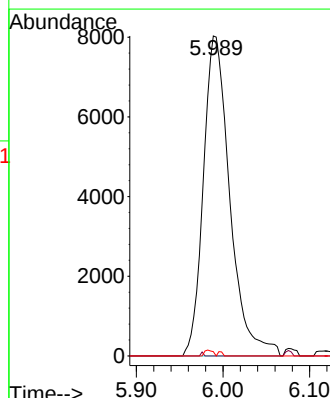
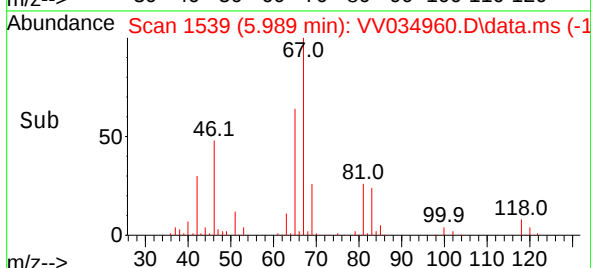
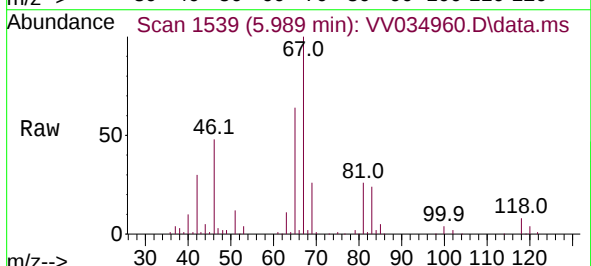


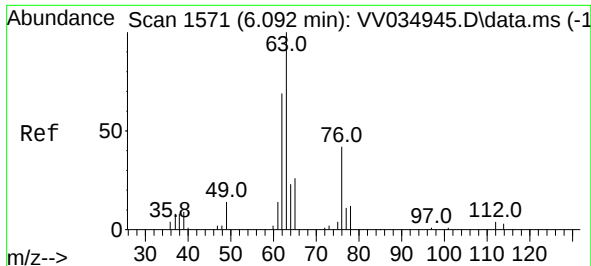
Tgt Ion: 84 Resp: 3662
Ion Ratio Lower Upper
84 100
86 67.5 43.5 80.9
49 112.4 82.5 153.3



#35
Methylcyclohexane
Concen: 0.814 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.058 min
Lab File: VV034960.D
Acq: 03 Apr 2024 16:39

Tgt Ion: 83 Resp: 17080
Ion Ratio Lower Upper
83 100
55 0.4 60.6 91.0#
98 0.2 37.8 56.6#

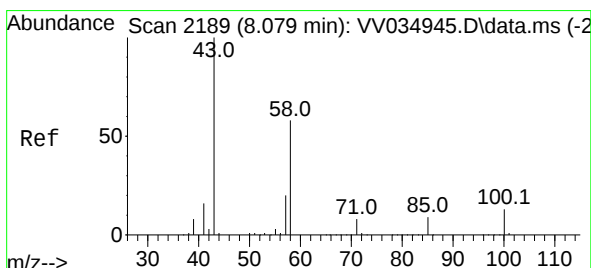
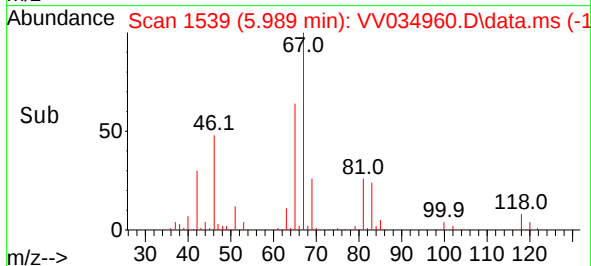
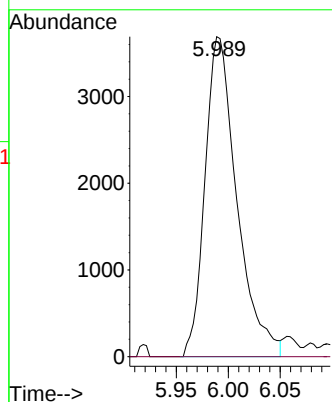
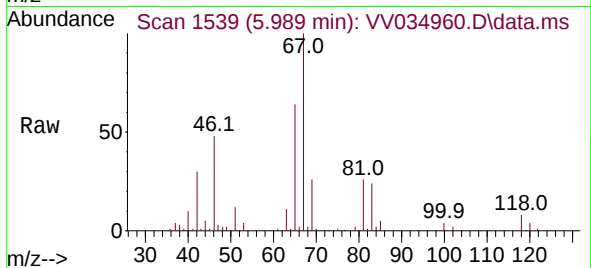




#37
1,2-Dichloropropane
Concen: 0.574 ug/L
RT: 5.989 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV034960.D
Acq: 03 Apr 2024 16:39

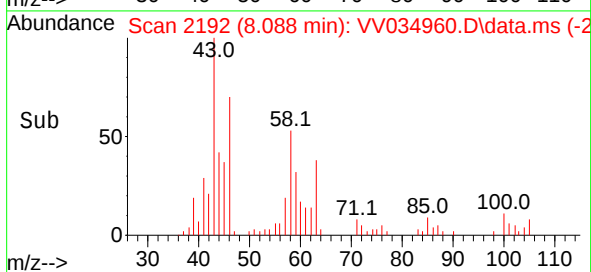
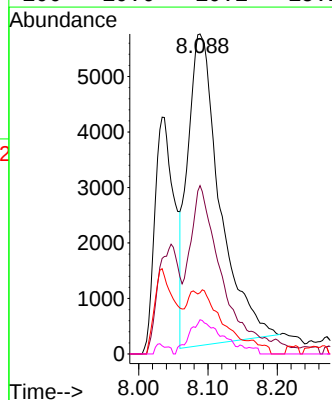
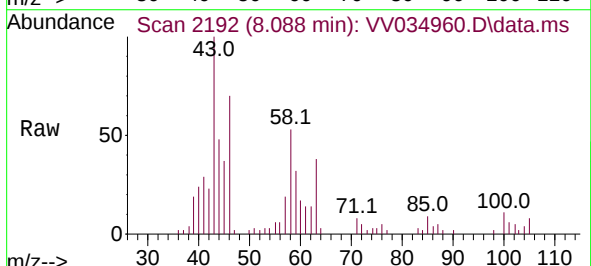
Instrument :
MSVOA_V
ClientSampleId :

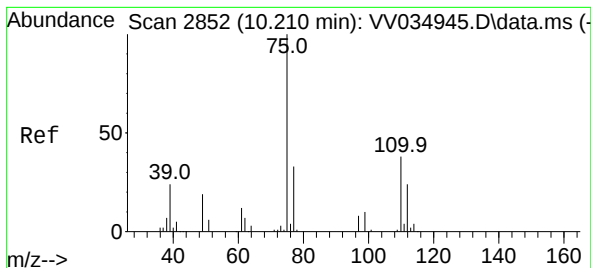
Tgt Ion: 63 Resp: 7874
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#48
2-Hexanone
Concen: 3.870 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. 0.010 min
Lab File: VV034960.D
Acq: 03 Apr 2024 16:39

Tgt Ion: 43 Resp: 18068
Ion Ratio Lower Upper
43 100
58 51.7 48.2 72.4
57 1.8 15.6 23.4#
100 10.6 10.1 15.1





#61

1,2,3-Trichloropropane

Concen: 1.465 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV034960.D

Acq: 03 Apr 2024 16:39

Instrument :

MSVOA_V

ClientSampleId :

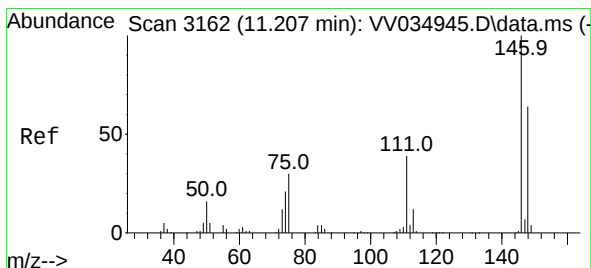
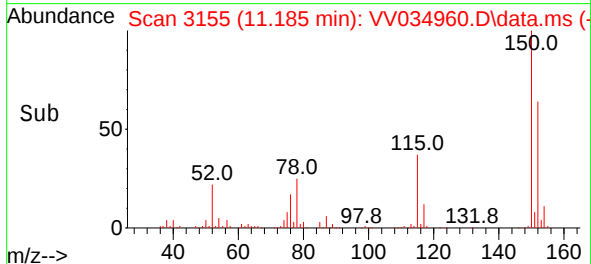
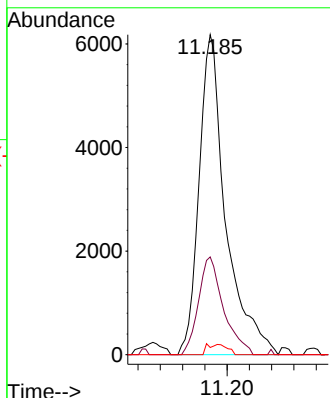
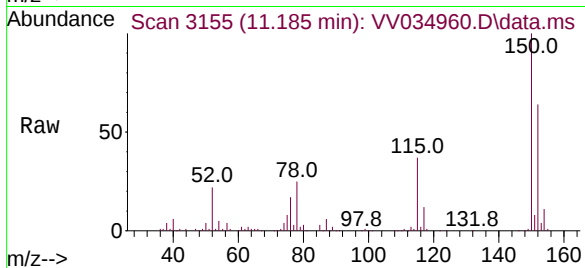
Tgt Ion: 75 Resp: 10244

Ion Ratio Lower Upper

75 100

77 28.7 24.8 37.2

110 2.4 31.0 46.6#



#65

1,4-Dichlorobenzene

Concen: 0.143 ug/L

RT: 11.214 min Scan# 3164

Delta R.T. 0.007 min

Lab File: VV034960.D

Acq: 03 Apr 2024 16:39

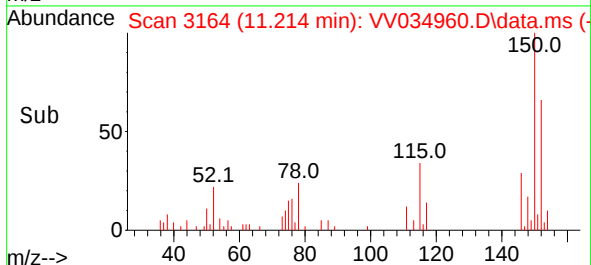
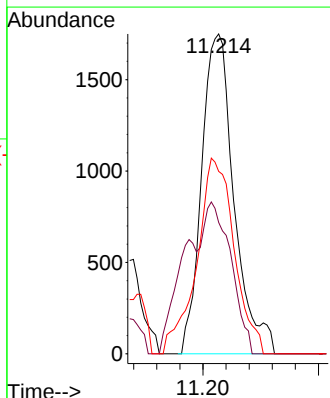
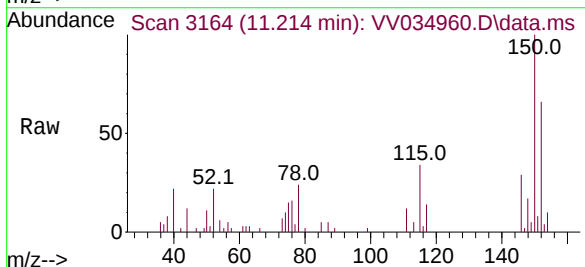
Tgt Ion:146 Resp: 3419

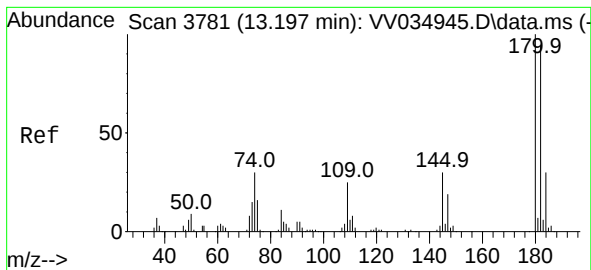
Ion Ratio Lower Upper

146 100

111 41.1 27.3 50.7

148 57.0 43.5 80.7





#70

1,2,4-trichlorobenzene

Concen: 1.191 ug/L

RT: 13.201 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV034960.D

Acq: 03 Apr 2024 16:39

Instrument :

MSVOA_V

ClientSampleId :

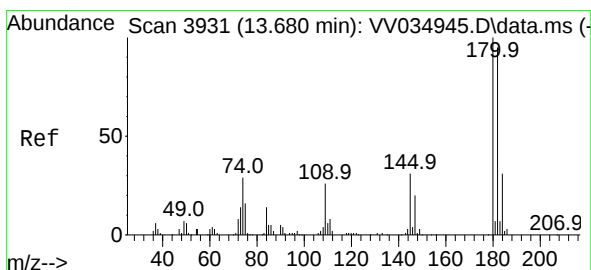
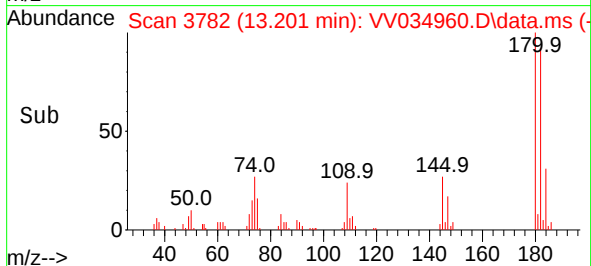
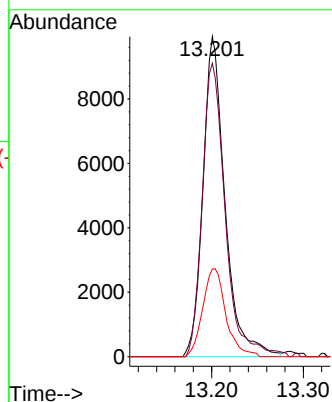
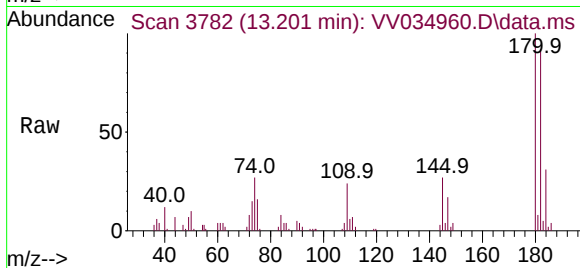
Tgt Ion:180 Resp: 16598

Ion Ratio Lower Upper

180 100

182 95.5 75.3 112.9

145 28.9 23.4 35.0



#72

1,2,3-Trichlorobenzene

Concen: 0.246 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.003 min

Lab File: VV034960.D

Acq: 03 Apr 2024 16:39

Tgt Ion:180 Resp: 3014

Ion Ratio Lower Upper

180 100

182 99.4 77.0 115.4

145 29.1 25.4 38.2

