

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121121\
 Data File : VW023935.D
 Acq On : 11 Dec 2021 16:54
 Operator : SY/MD
 Sample : M5005-03DL 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 12 00:27:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 04:33:17 2021
 Response via : Initial Calibration

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

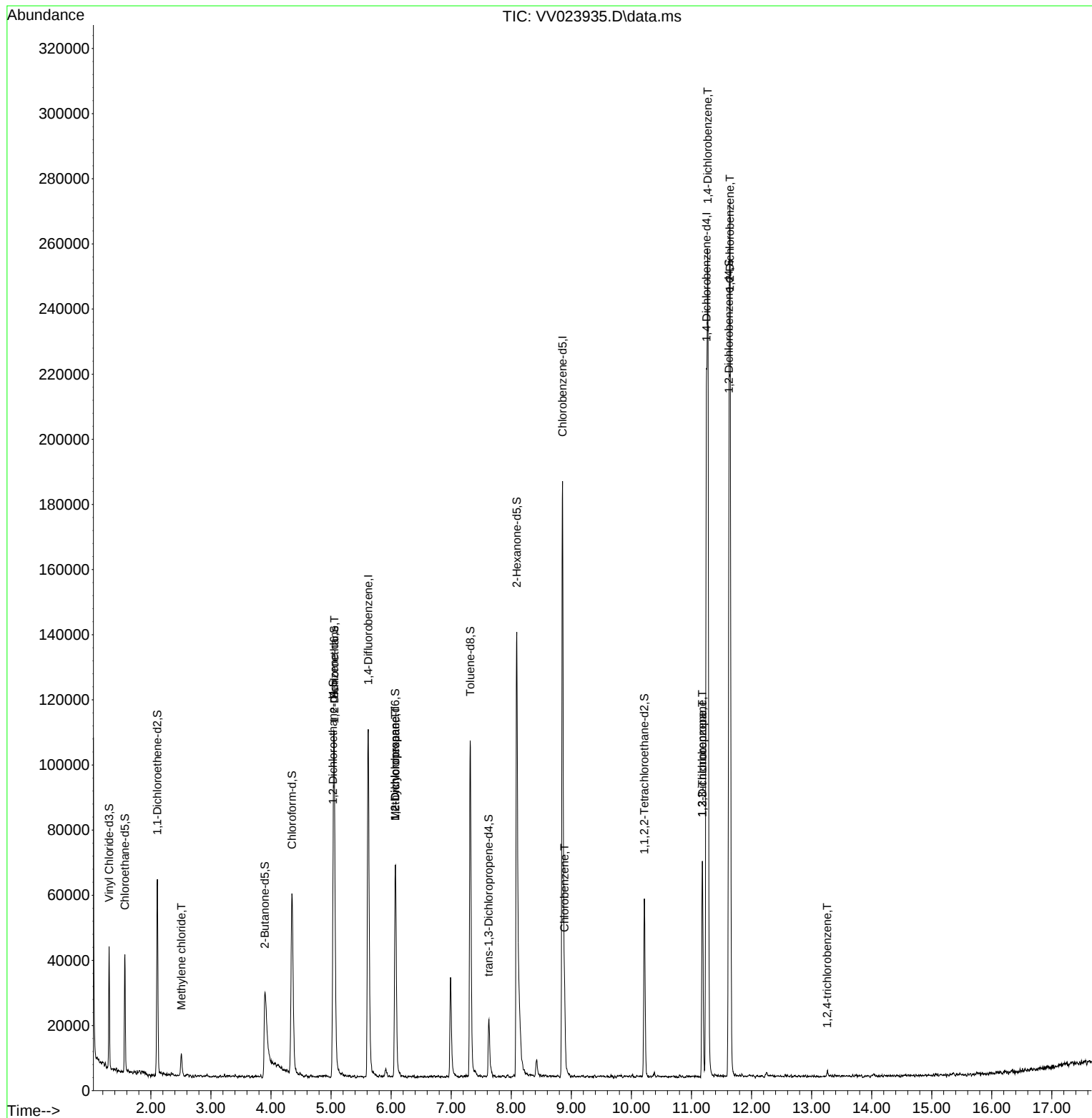
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	96827	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	102961	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53286	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	20878	4.011	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.568	69	20728	4.773	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.108	63	30180	2.970	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.400%#
20) 2-Butanone-d5	3.899	46	46469	45.694	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.380%
24) Chloroform-d	4.349	84	57572	4.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.034	65	29472	5.369	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	5.053	84	90853	4.455	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.069	67	30385	4.939	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.317	98	69818	3.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	7.625	79	11044	4.327	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.092	63	58897	51.546	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.100%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25105	4.919	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	36571	5.138	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.510	84	2924	0.344	ug/L	92
27) 1,2-Dichloroethane	5.056	62	741	0.095	ug/L #	73
35) Methylcyclohexane	6.069	83	7875	0.651	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	3658	0.528	ug/L #	84
51) Chlorobenzene	8.886	112	14198	0.648	ug/L	95
61) 1,2,3-Trichloropropane	11.181	75	7588	2.090	ug/L #	47
64) 1,3-Dichlorobenzene	11.181	146	27597	1.725	ug/L	96
65) 1,4-Dichlorobenzene	11.272	146	100314	6.242	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	96747	6.600	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	915	0.089	ug/L #	68

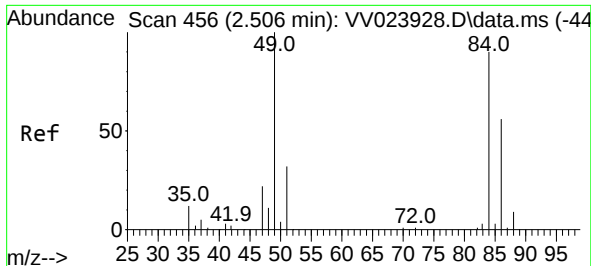
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Dec 11 04:33:17 2021
Response via : Initial Calibration

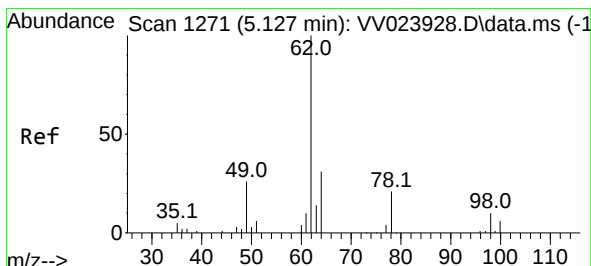
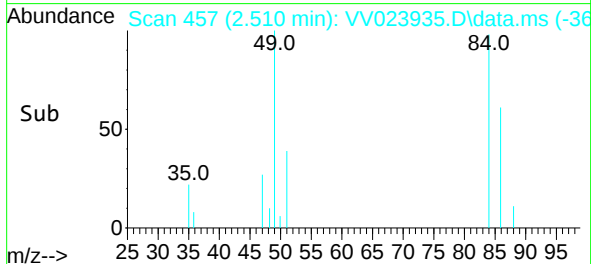
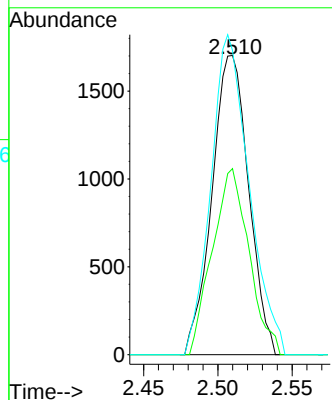
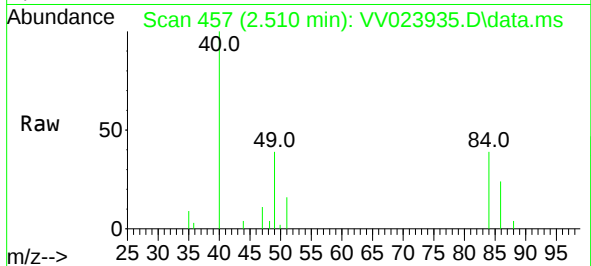




#16
Methylene chloride
Concen: 0.344 ug/L
RT: 2.510 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV023935.D
Acq: 11 Dec 2021 16:54

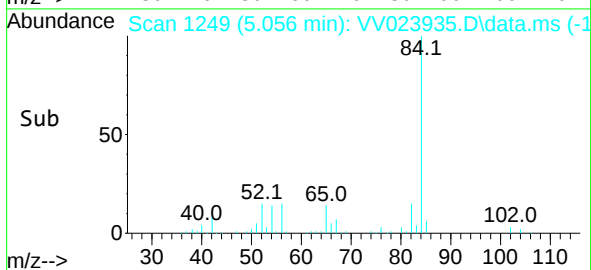
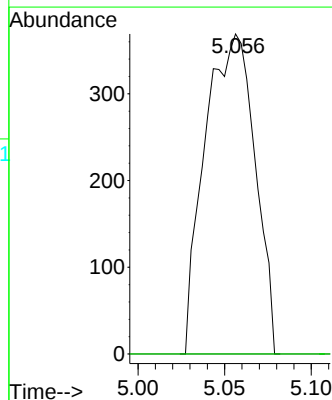
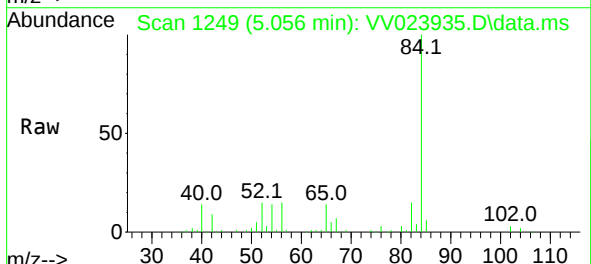
Instrument :
MSVOA_V
ClientSampleId :

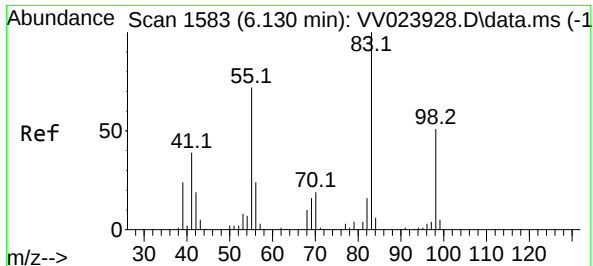
Tgt Ion: 84 Resp: 2924
Ion Ratio Lower Upper
84 100
86 62.2 42.6 79.0
49 101.6 79.7 147.9



#27
1,2-Dichloroethane
Concen: 0.095 ug/L
RT: 5.056 min Scan# 1249
Delta R.T. -0.074 min
Lab File: VV023935.D
Acq: 11 Dec 2021 16:54

Tgt Ion: 62 Resp: 741
Ion Ratio Lower Upper
62 100
98 0.0 8.1 12.1#





#35

Methylcyclohexane

Concen: 0.651 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.061 min

Lab File: VV023935.D

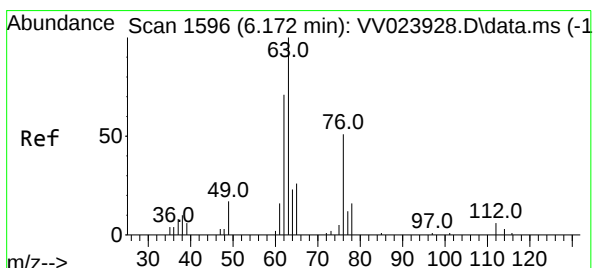
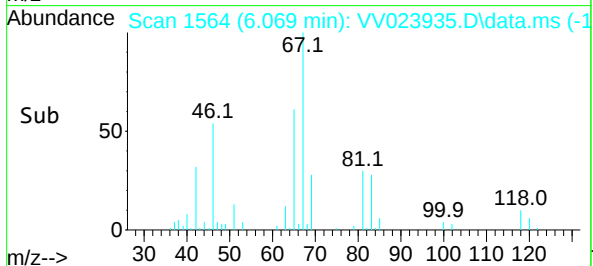
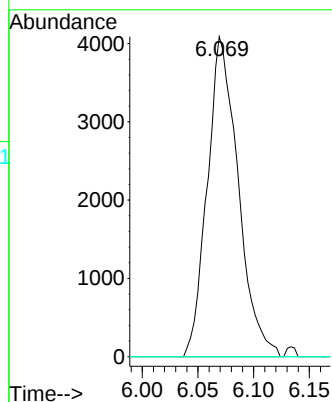
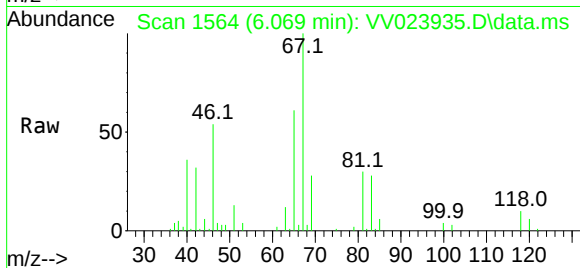
Acq: 11 Dec 2021 16:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 7875
Ion Ratio	Lower Upper
83	100
55	0.0 60.2 90.2#
98	7.8 41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.528 ug/L

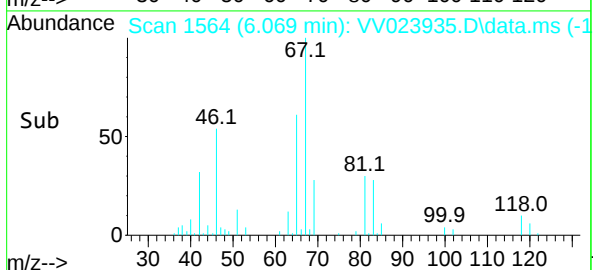
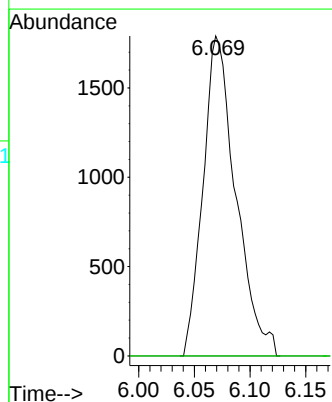
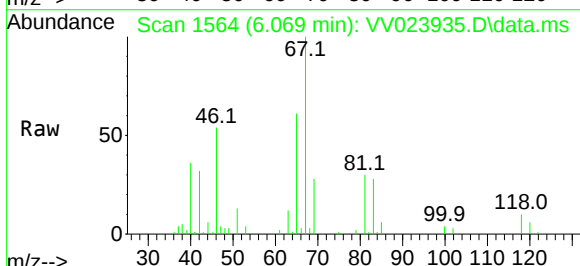
RT: 6.069 min Scan# 1564

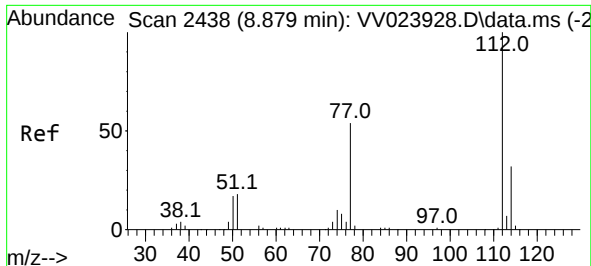
Delta R.T. -0.100 min

Lab File: VV023935.D

Acq: 11 Dec 2021 16:54

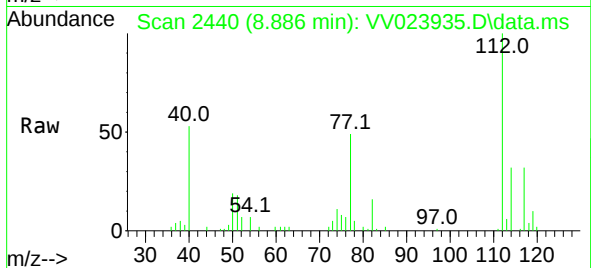
Tgt Ion: 63	Resp: 3658
Ion Ratio	Lower Upper
63	100
112	0.0 4.3 6.5#



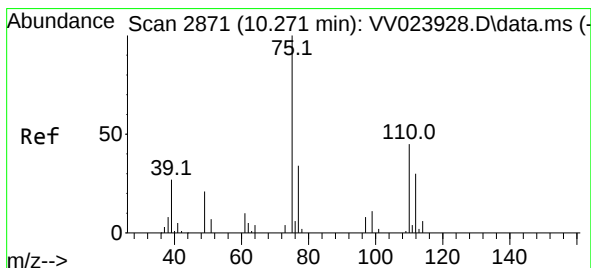
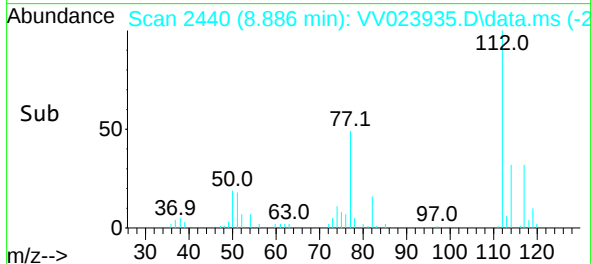
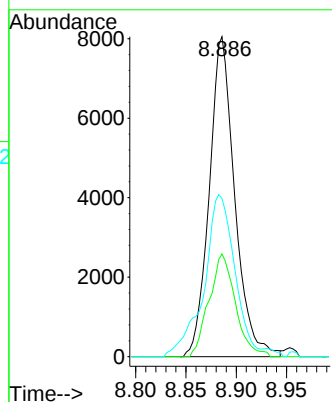


#51
Chlorobenzene
Concen: 0.648 ug/L
RT: 8.886 min Scan# 24
Delta R.T. 0.007 min
Lab File: VV023935.D
Acq: 11 Dec 2021 16:54

Instrument :
MSVOA_V
ClientSampleId :

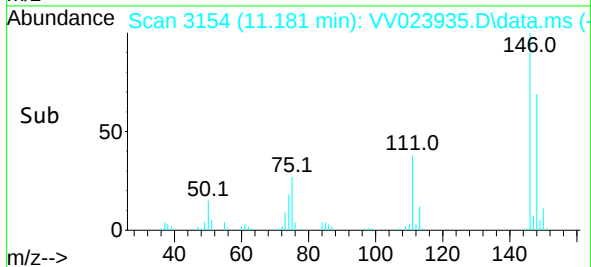
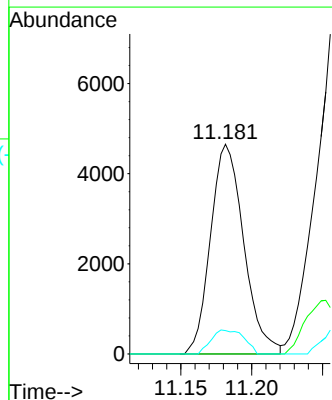
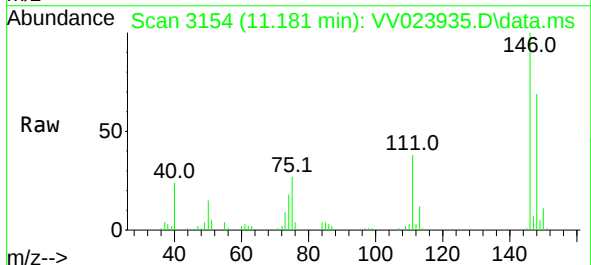


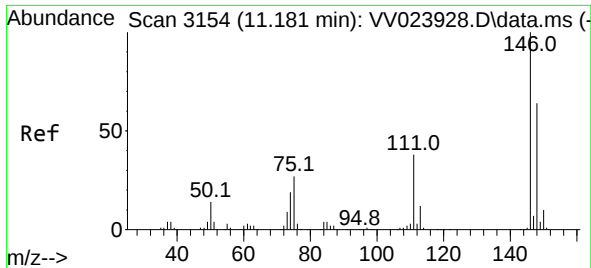
Tgt Ion:112 Resp: 14198
Ion Ratio Lower Upper
112 100
114 32.1 23.3 43.3
77 49.4 43.3 64.9



#61
1,2,3-Trichloropropane
Concen: 2.090 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.910 min
Lab File: VV023935.D
Acq: 11 Dec 2021 16:54

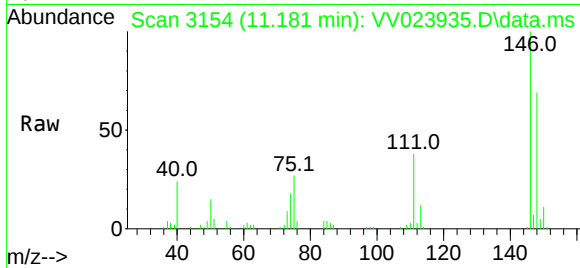
Tgt Ion: 75 Resp: 7588
Ion Ratio Lower Upper
75 100
77 0.0 26.4 39.6#
110 11.2 34.2 51.2#



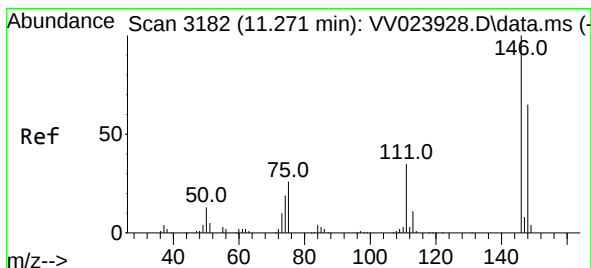
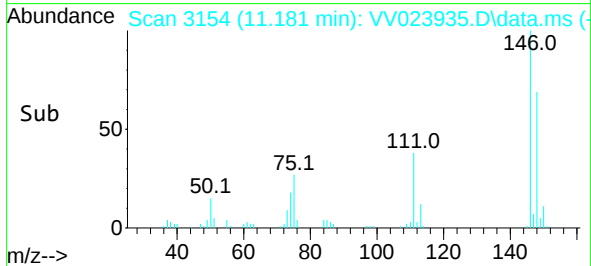
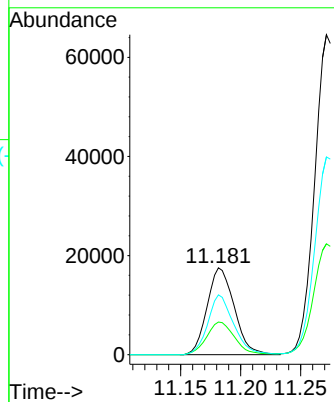


#64
1,3-Dichlorobenzene
Concen: 1.725 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV023935.D
Acq: 11 Dec 2021 16:54

Instrument :
MSVOA_V
ClientSampleId :

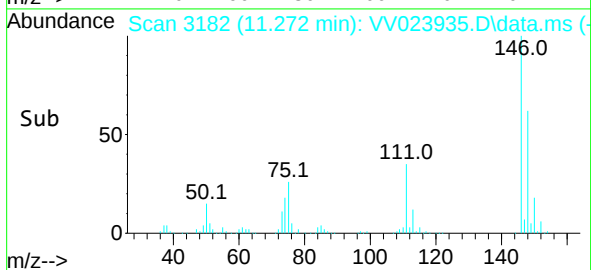
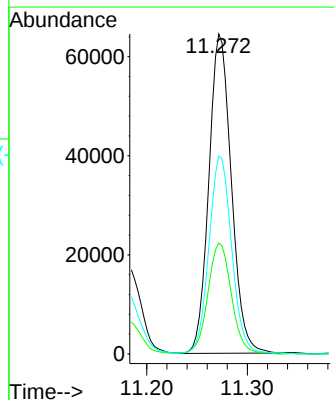
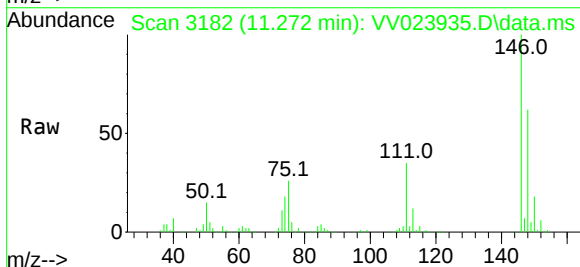


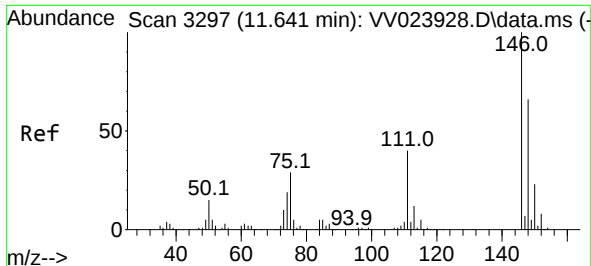
Tgt Ion:146 Resp: 27597
Ion Ratio Lower Upper
146 100
111 37.6 26.3 48.9
148 68.9 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 6.242 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023935.D
Acq: 11 Dec 2021 16:54

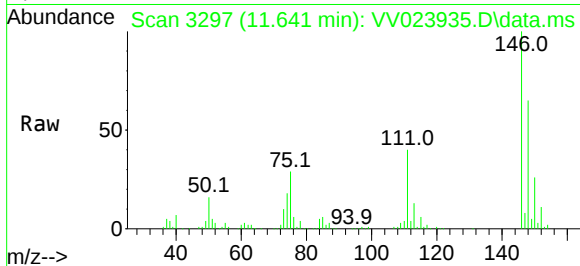
Tgt Ion:146 Resp: 100314
Ion Ratio Lower Upper
146 100
111 34.7 25.6 47.6
148 61.8 44.8 83.2



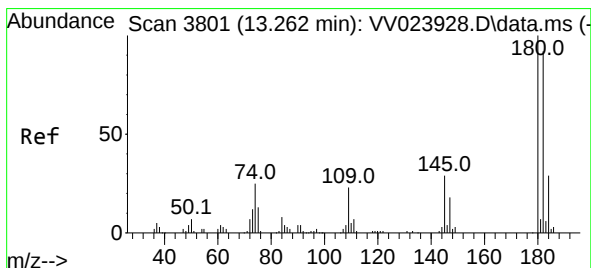
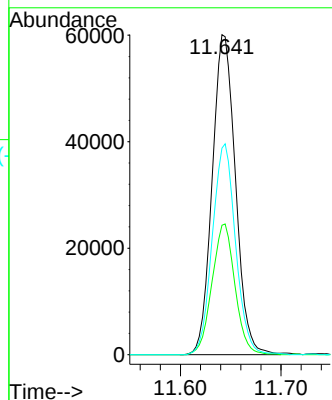
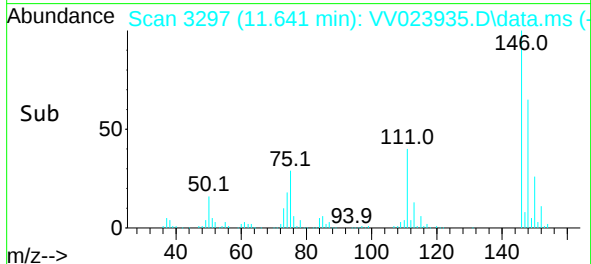


#67
1,2-Dichlorobenzene
Concen: 6.600 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV023935.D
Acq: 11 Dec 2021 16:54

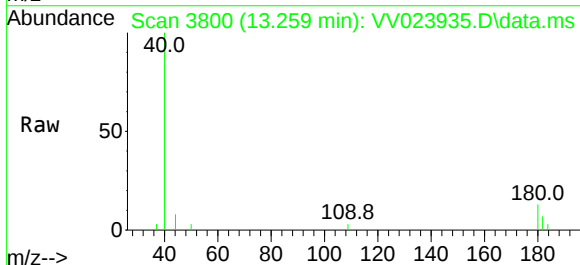
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Tgt Ion:146 Resp: 96747
Ion Ratio Lower Upper
146 100
111 40.5 31.9 47.9
148 64.5 50.5 75.7



#70
1,2,4-trichlorobenzene
Concen: 0.089 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. -0.003 min
Lab File: VV023935.D
Acq: 11 Dec 2021 16:54



Tgt Ion:180 Resp: 915
Ion Ratio Lower Upper
180 100
182 66.1 74.4 111.6#
145 4.9 23.3 34.9#

