

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
 Data File : VU061666.D
 Acq On : 14 Nov 2024 12:54
 Operator : MD/SY
 Sample : P4761-17
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 00:44:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 15 00:40:52 2024
 Response via : Initial Calibration

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

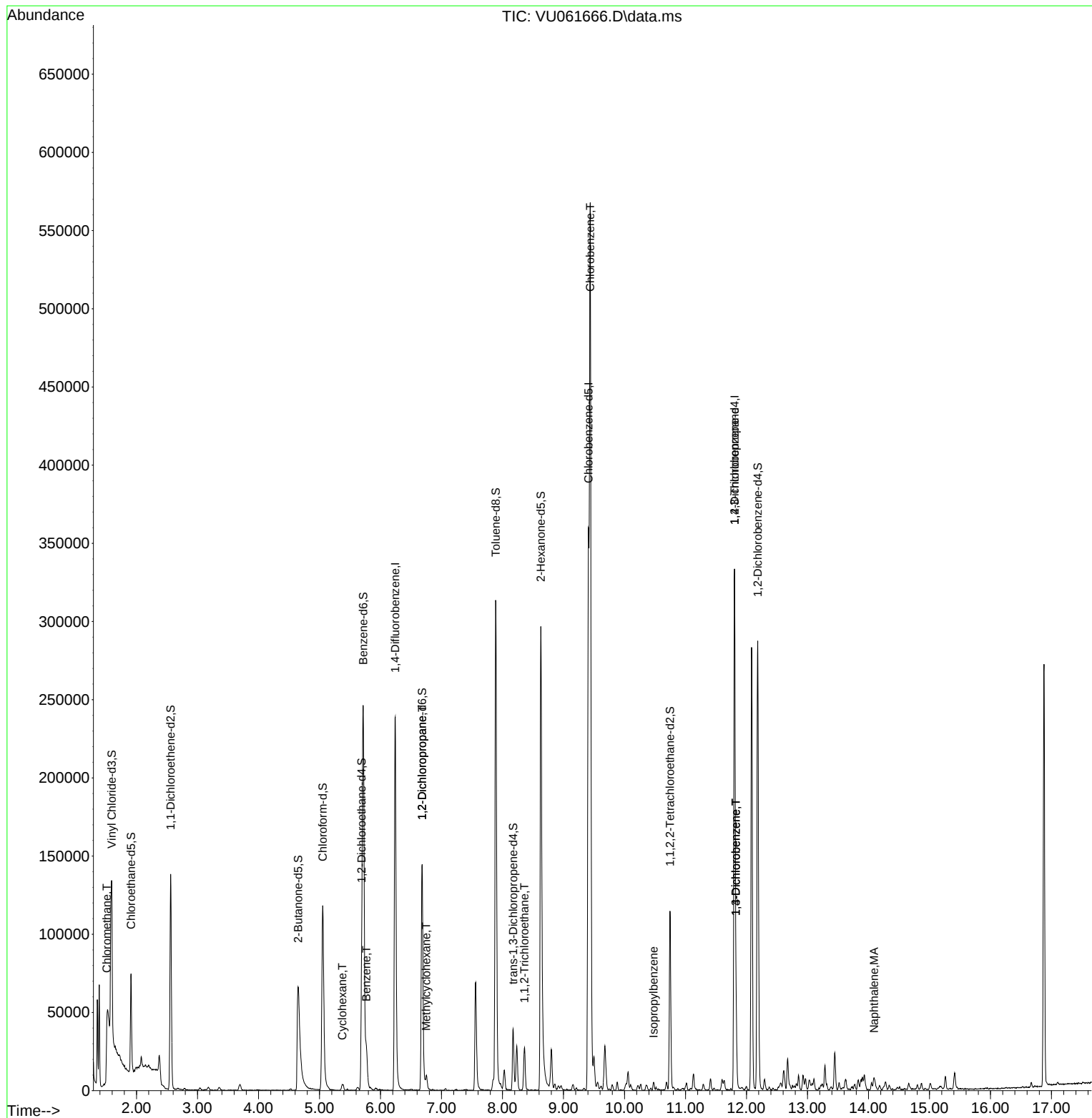
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	205143	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	193681	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	91961	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	54611	4.120	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.911	69	46622	4.120	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.560	65	25050	4.212	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	4.650	46	131604	46.779	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.560%
24) Chloroform-d	5.052	84	113001	4.289	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	5.692	65	57852	4.576	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.718	84	239168	4.464	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.682	67	71021	4.494	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.891	98	222752	4.460	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	8.174	79	23382	4.017	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.627	63	112805	49.041	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.080%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	56895	4.567	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	78689	4.804	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	3263	0.236	ug/L #	80
30) Cyclohexane	5.374	56	2260	0.103	ug/L #	56
33) Benzene	5.769	78	27441	0.468	ug/L	100
35) Methylcyclohexane	6.750	83	4141	0.173	ug/L	92
37) 1,2-Dichloropropane	6.682	63	7695	0.517	ug/L #	89
45) 1,1,2-Trichloroethane	8.361	97	10583	0.976	ug/L #	17
51) Chlorobenzene	9.438	112	316850	7.799	ug/L	99
60) Isopropylbenzene	10.479	105	4239	0.066	ug/L #	77
61) 1,2,3-Trichloropropane	11.804	75	16207	1.871	ug/L #	41
64) 1,3-Dichlorobenzene	11.827	146	16663	0.570	ug/L	95
65) 1,4-Dichlorobenzene	11.827	146	16663	0.561	ug/L	96
71) Naphthalene	14.090	128	6734	0.296	ug/L #	94

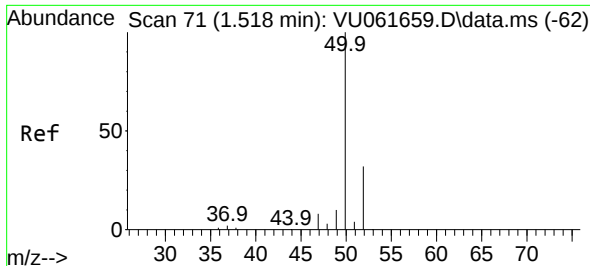
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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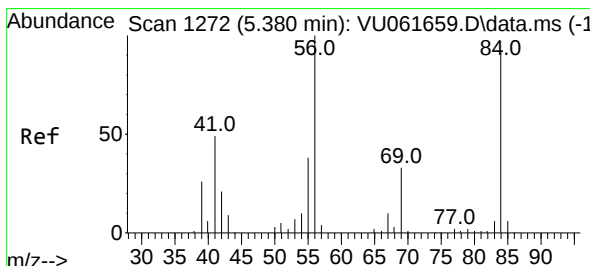
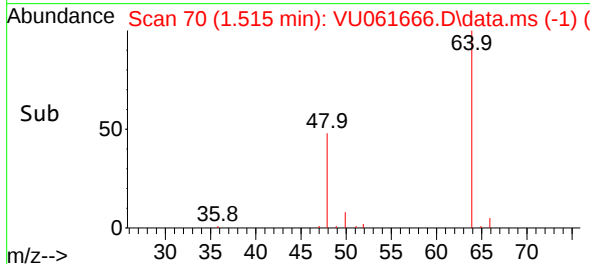
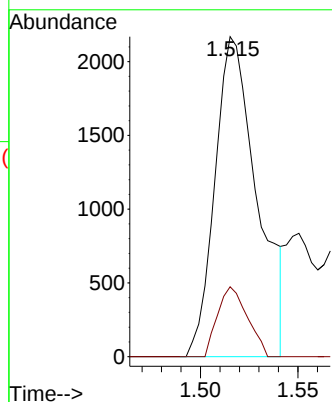
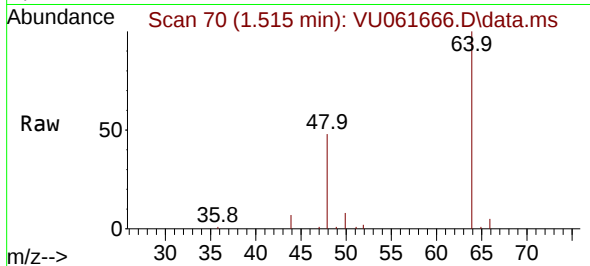




#3
Chloromethane
Concen: 0.236 ug/L
RT: 1.515 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU061666.D
Acq: 14 Nov 2024 12:54

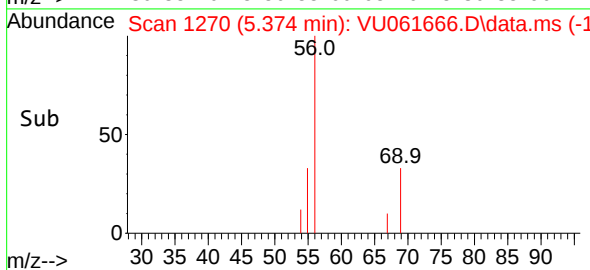
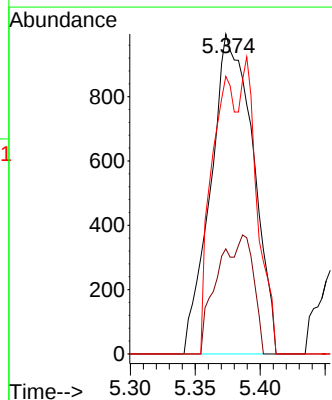
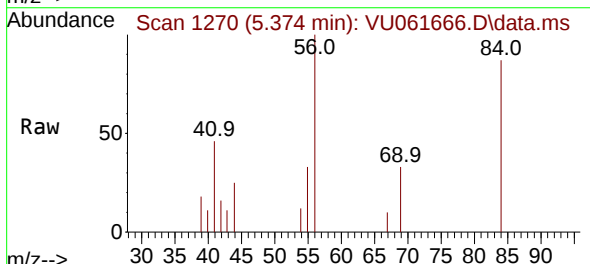
Instrument :
MSVOA_U
ClientSampleId :

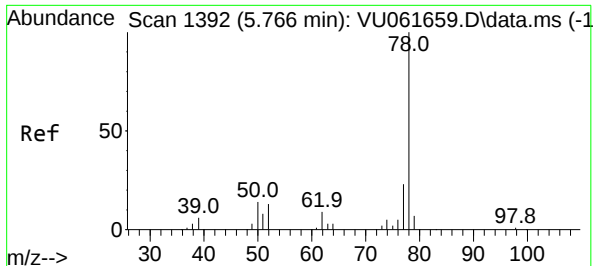
Tgt Ion: 50 Resp: 3263
Ion Ratio Lower Upper
50 100
52 21.9 23.2 43.2#



#30
Cyclohexane
Concen: 0.103 ug/L
RT: 5.374 min Scan# 1270
Delta R.T. -0.006 min
Lab File: VU061666.D
Acq: 14 Nov 2024 12:54

Tgt Ion: 56 Resp: 2260
Ion Ratio Lower Upper
56 100
69 14.3 25.6 38.4#
84 47.2 74.3 111.5#

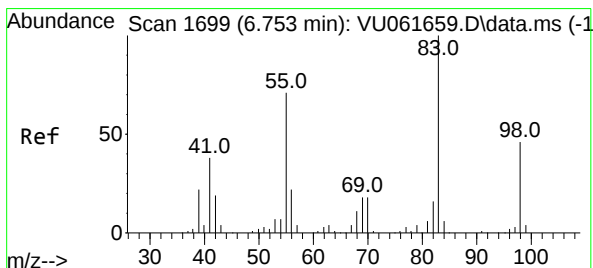
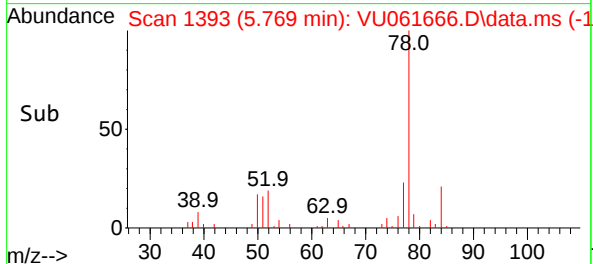
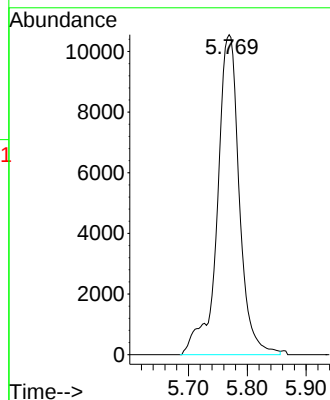
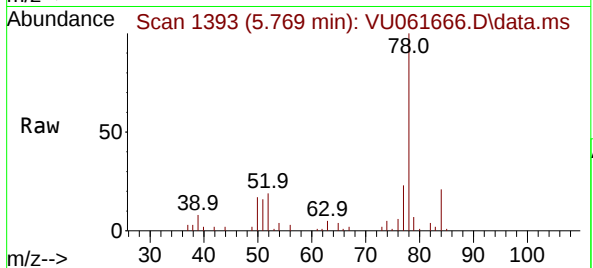




#33
Benzene
Concen: 0.468 ug/L
RT: 5.769 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU061666.D
Acq: 14 Nov 2024 12:54

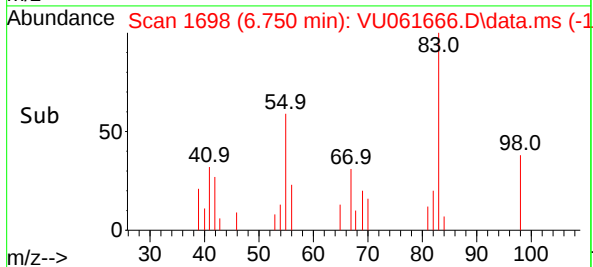
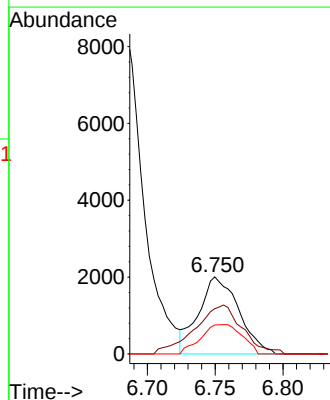
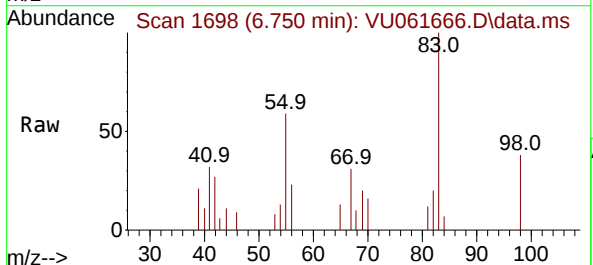
Instrument :
MSVOA_U
ClientSampleId :

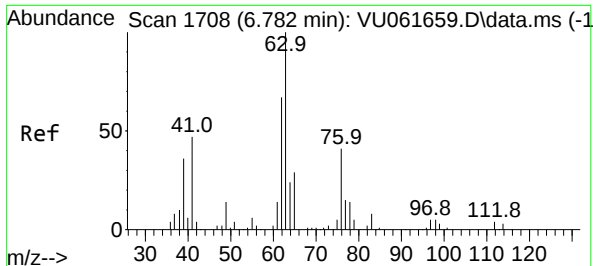
Tgt Ion: 78 Resp: 27441



#35
Methylcyclohexane
Concen: 0.173 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. -0.003 min
Lab File: VU061666.D
Acq: 14 Nov 2024 12:54

Tgt Ion: 83 Resp: 4141
Ion Ratio Lower Upper
83 100
55 74.5 56.4 84.6
98 38.8 37.7 56.5

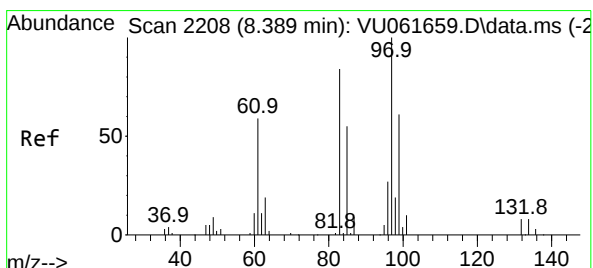
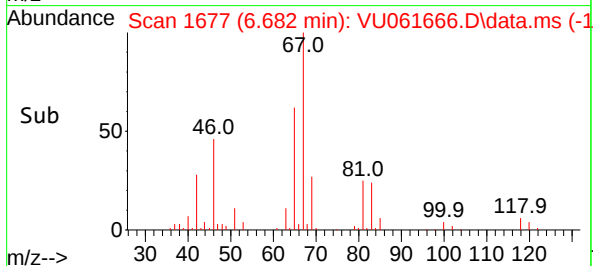
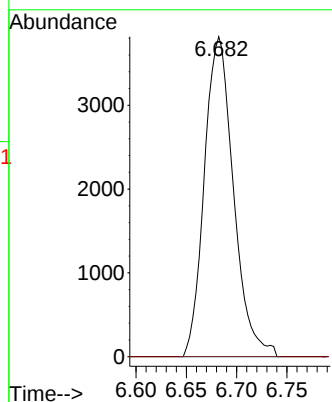
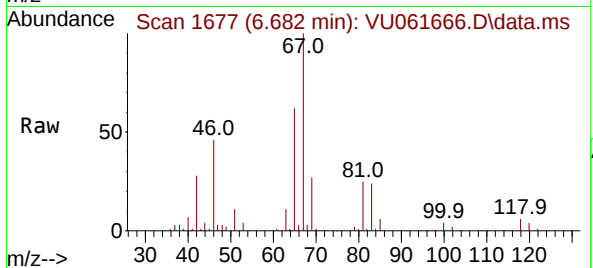




#37
1,2-Dichloropropane
Concen: 0.517 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU061666.D
Acq: 14 Nov 2024 12:54

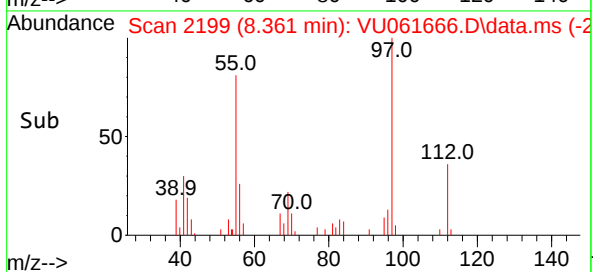
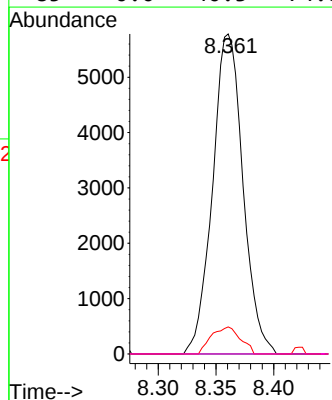
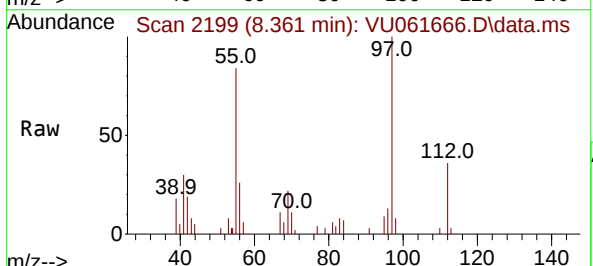
Instrument :
MSVOA_U
ClientSampleId :

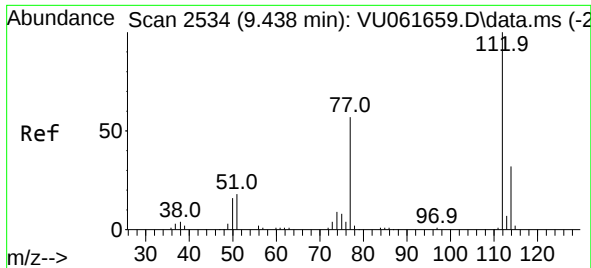
Tgt Ion: 63 Resp: 7695
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#45
1,1,2-Trichloroethane
Concen: 0.976 ug/L
RT: 8.361 min Scan# 2199
Delta R.T. -0.029 min
Lab File: VU061666.D
Acq: 14 Nov 2024 12:54

Tgt Ion: 97 Resp: 10583
Ion Ratio Lower Upper
97 100
99 0.0 43.8 81.3#
83 8.5 63.2 117.4#
85 0.0 40.3 74.8#

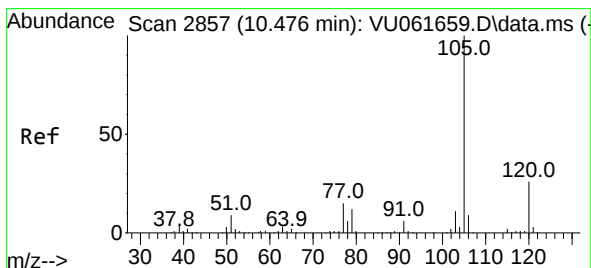
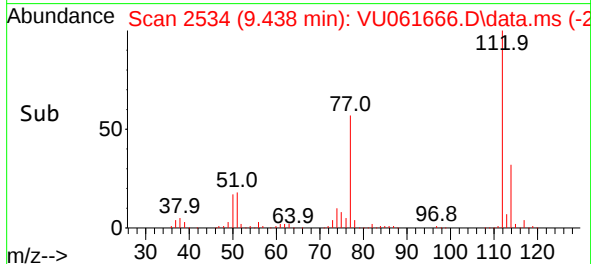
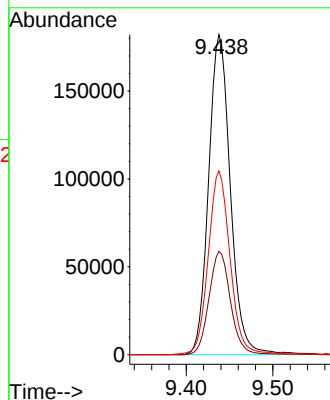
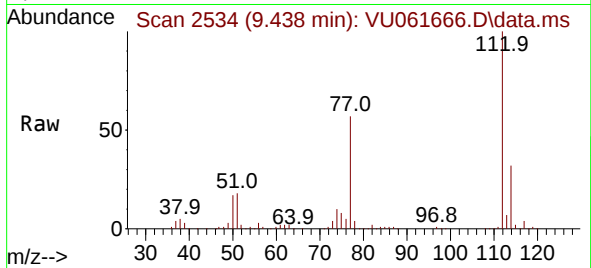




#51
Chlorobenzene
Concen: 7.799 ug/L
RT: 9.438 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU061666.D
Acq: 14 Nov 2024 12:54

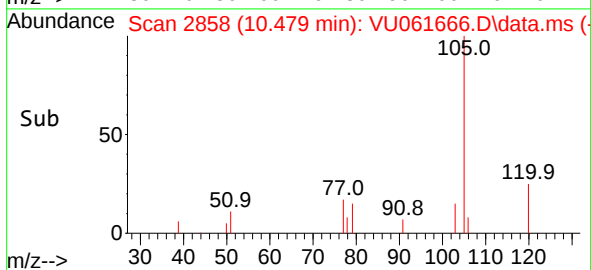
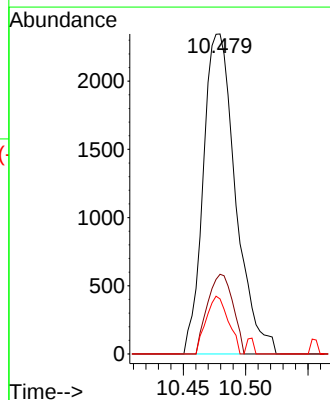
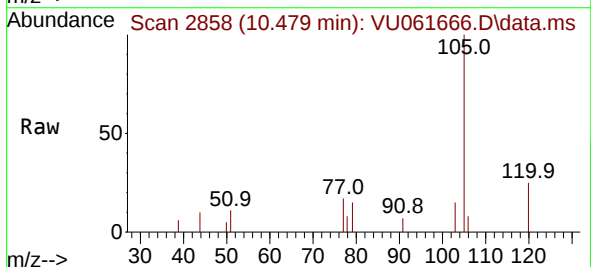
Instrument :
MSVOA_U
ClientSampleId :

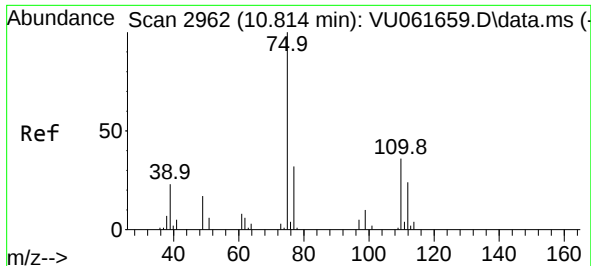
Tgt Ion:112 Resp: 316850
Ion Ratio Lower Upper
112 100
114 32.3 22.5 41.9
77 57.5 45.3 67.9



#60
Isopropylbenzene
Concen: 0.066 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. 0.003 min
Lab File: VU061666.D
Acq: 14 Nov 2024 12:54

Tgt Ion:105 Resp: 4239
Ion Ratio Lower Upper
105 100
120 19.7 21.6 32.4#
77 0.0 12.8 19.2#

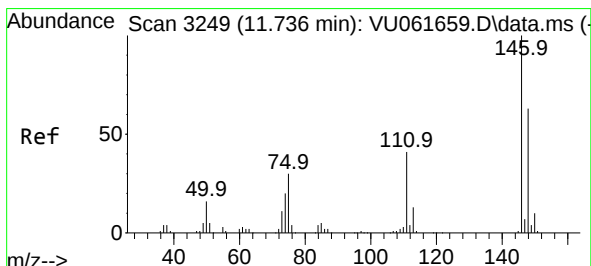
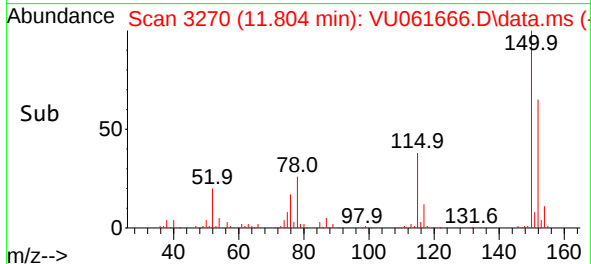
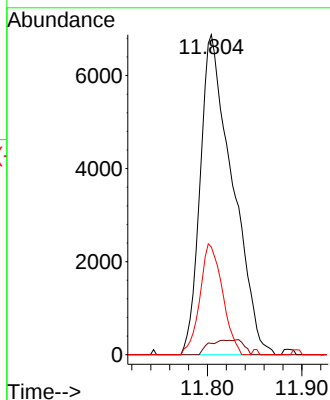
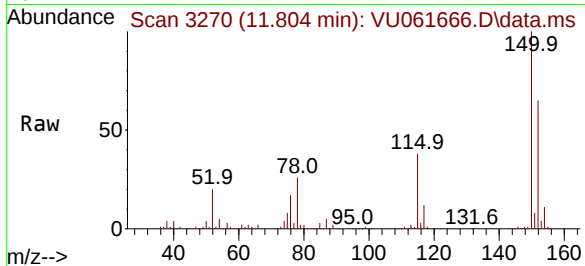




#61
1,2,3-Trichloropropane
Concen: 1.871 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU061666.D
Acq: 14 Nov 2024 12:54

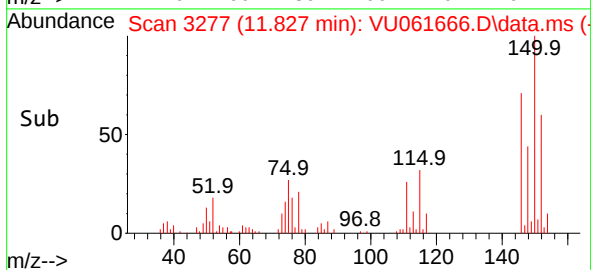
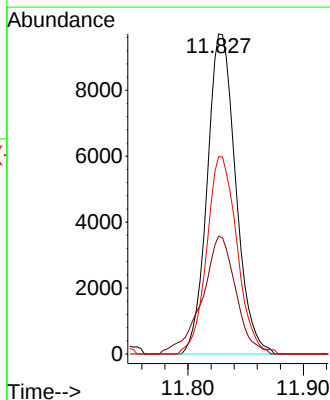
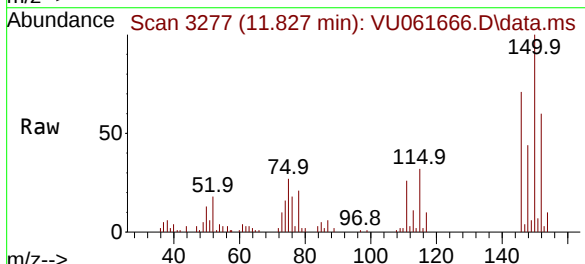
Instrument :
MSVOA_U
ClientSampleId :

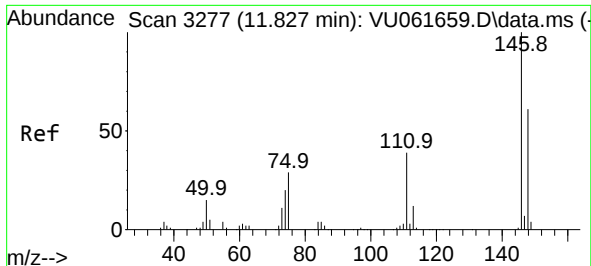
Tgt Ion: 75 Resp: 16207
Ion Ratio Lower Upper
75 100
110 2.6 31.3 46.9#
77 0.0 26.0 39.0#



#64
1,3-Dichlorobenzene
Concen: 0.570 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. 0.090 min
Lab File: VU061666.D
Acq: 14 Nov 2024 12:54

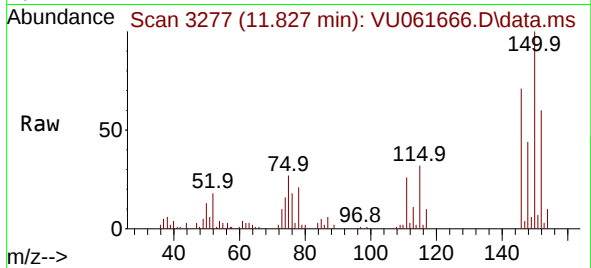
Tgt Ion:146 Resp: 16663
Ion Ratio Lower Upper
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111 36.8 29.3 54.3
148 61.6 44.5 82.7



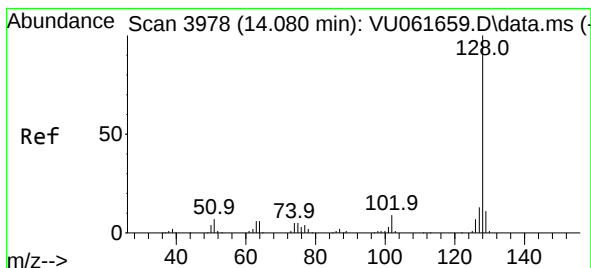
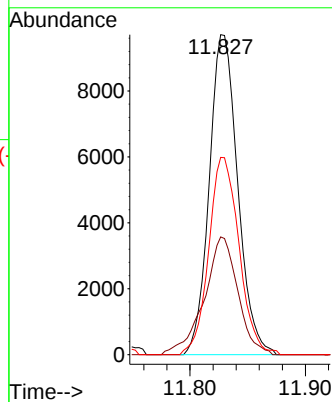
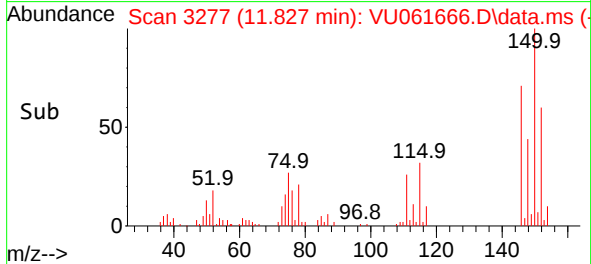


#65
1,4-Dichlorobenzene
Concen: 0.561 ug/L
RT: 11.827 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU061666.D
Acq: 14 Nov 2024 12:54

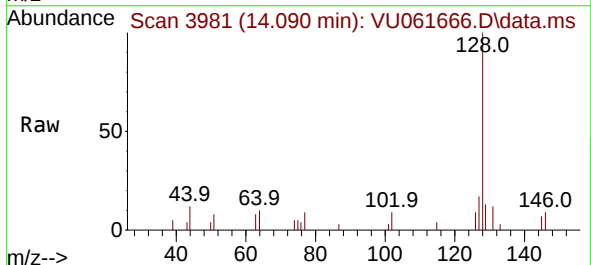
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:146 Resp: 16663
Ion Ratio Lower Upper
146 100
111 36.8 28.8 53.4
148 61.6 44.7 83.1



#71
Naphthalene
Concen: 0.296 ug/L
RT: 14.090 min Scan# 3981
Delta R.T. 0.010 min
Lab File: VU061666.D
Acq: 14 Nov 2024 12:54



Tgt Ion:128 Resp: 6734
Ion Ratio Lower Upper
128 100
129 13.5 8.5 12.7#
127 11.3 10.4 15.6

