

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102822\
 Data File : VU051574.D
 Acq On : 28 Oct 2022 17:54
 Operator : JC/MD
 Sample : N5300-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAC1

Quant Time: Oct 28 22:53:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 22:38:21 2022
 Response via : Initial Calibration

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

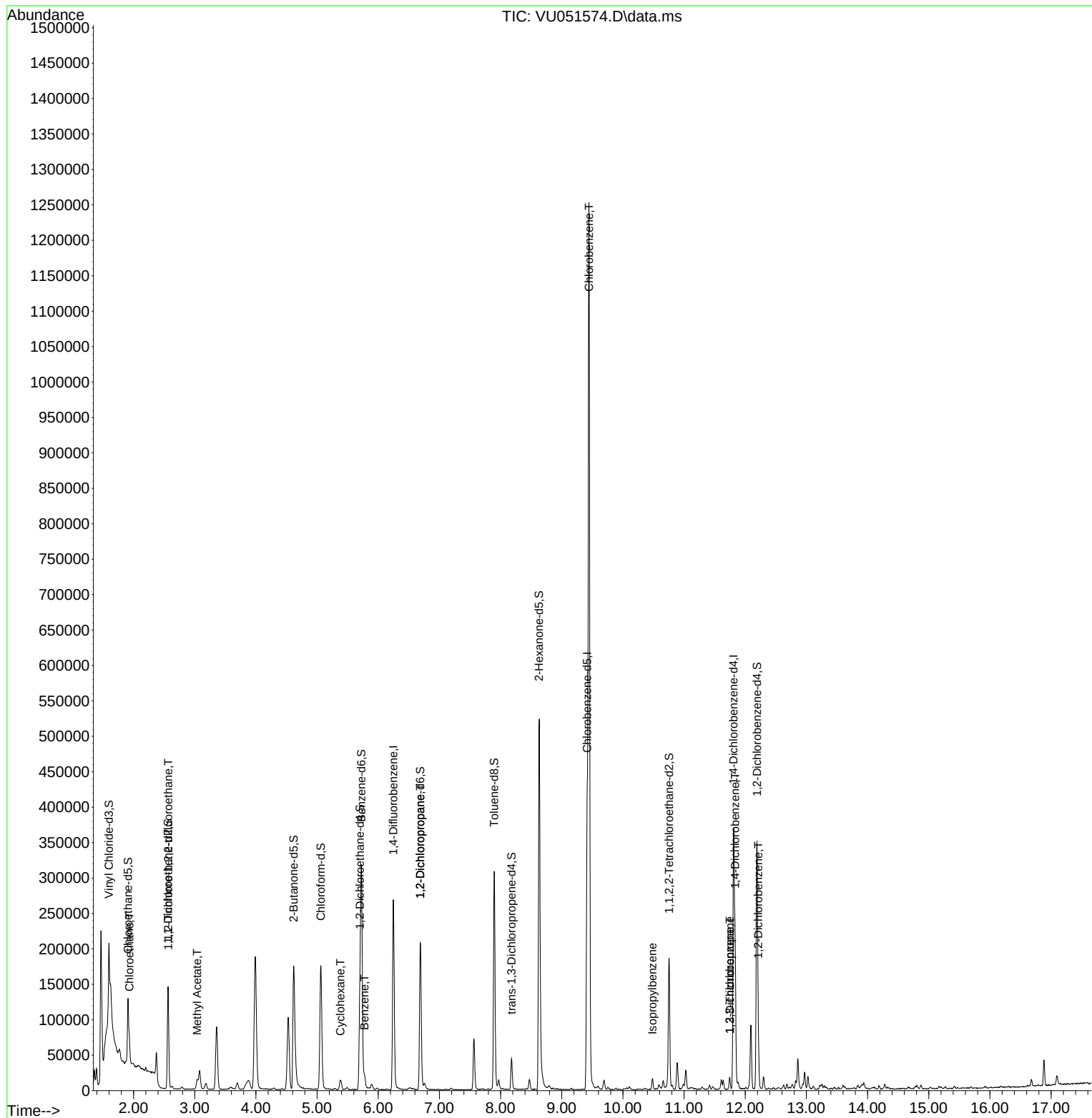
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	221869	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	230093	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	97651	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	76022	4.549	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.909	69	75070	4.308	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.562	65	27801	4.584	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	4.616	46	247367	40.876	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.760%
24) Chloroform-d	5.060	84	160495	4.104	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
26) 1,2-Dichloroethane-d4	5.700	65	85894	4.066	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
32) Benzene-d6	5.726	84	307483	4.235	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.687	67	106852	4.208	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.200%
41) Toluene-d8	7.896	98	216274	3.788	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.800%
43) trans-1,3-Dichloroprop...	8.179	79	25129	3.237	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.800%
46) 2-Hexanone-d5	8.629	63	171908	36.784	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.560%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	93838	4.033	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	89376	4.987	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
8) Chloroethane	1.932	64	21362	1.201	ug/L #	75
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	771	0.041	ug/L #	19
15) Methyl Acetate	3.038	43	4587	0.571	ug/L #	50
30) Cyclohexane	5.382	56	5873	0.204	ug/L	99
33) Benzene	5.774	78	17333	0.191	ug/L	100
37) 1,2-Dichloropropane	6.687	63	10583	0.453	ug/L #	92
51) Chlorobenzene	9.446	112	690287	11.761	ug/L	99
60) Isopropylbenzene	10.481	105	10069	0.141	ug/L #	82
61) 1,2,3-Trichloropropane	11.748	75	1834	0.145	ug/L #	50
64) 1,3-Dichlorobenzene	11.748	146	6627	0.187	ug/L	93
65) 1,4-Dichlorobenzene	11.835	146	81779	2.298	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	25621	0.741	ug/L	99

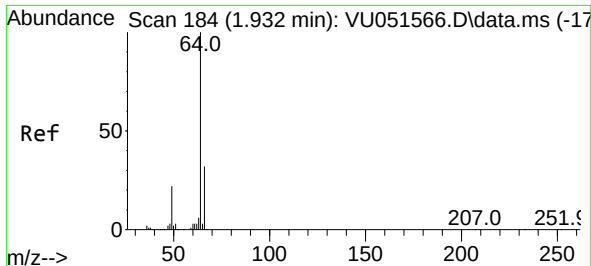
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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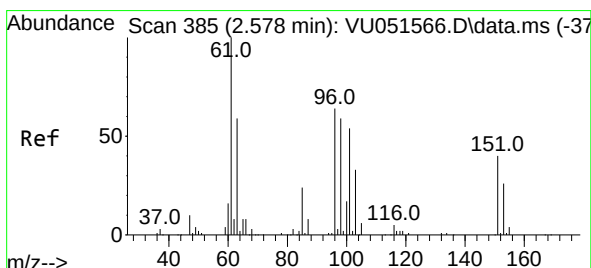
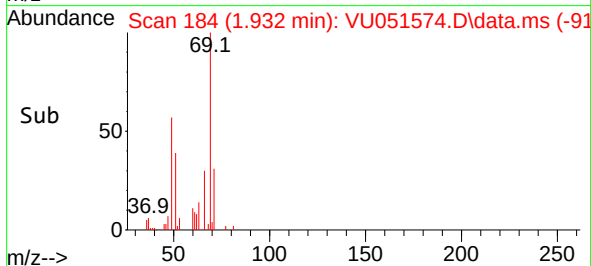
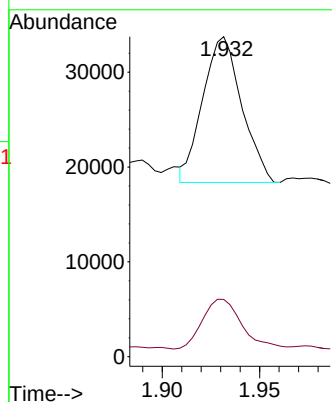
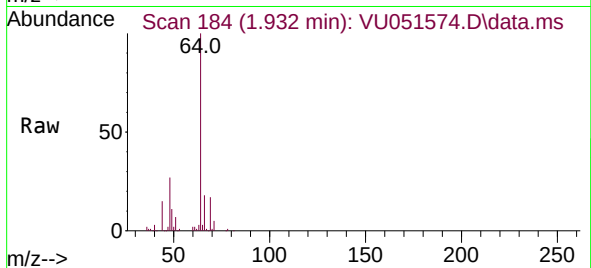




#8
Chloroethane
Concen: 1.201 ug/L
RT: 1.932 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU051574.D
Acq: 28 Oct 2022 17:54

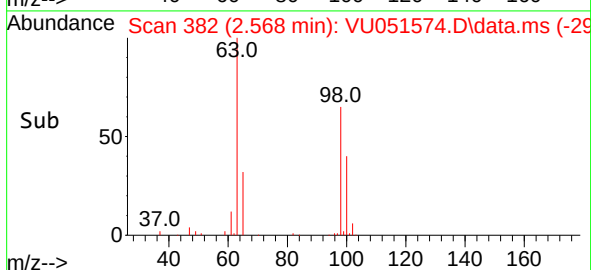
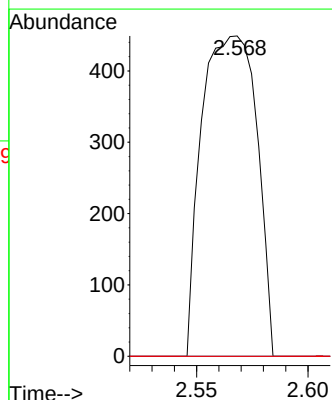
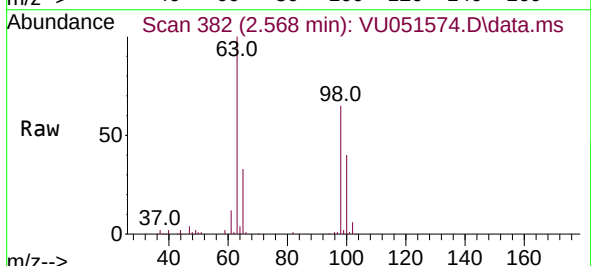
Instrument :
MSVOA_U
ClientSampleId :
BHAC1

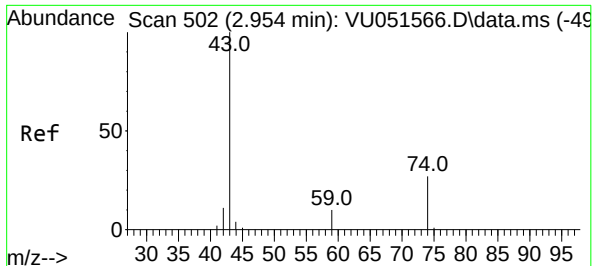
Tgt Ion: 64 Resp: 21362
Ion Ratio Lower Upper
64 100
66 17.9 22.3 41.5#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.041 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.010 min
Lab File: VU051574.D
Acq: 28 Oct 2022 17:54

Tgt Ion: 101 Resp: 771
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 59.6 89.4#

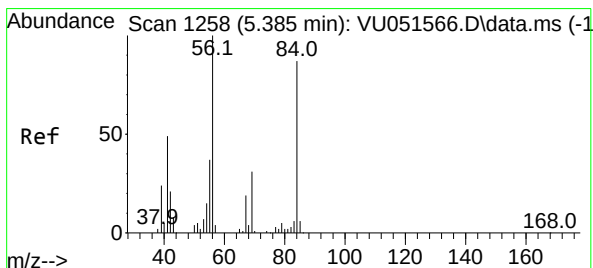
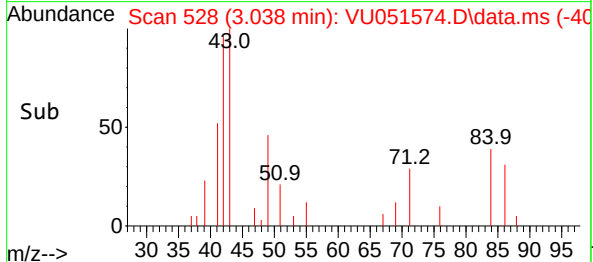
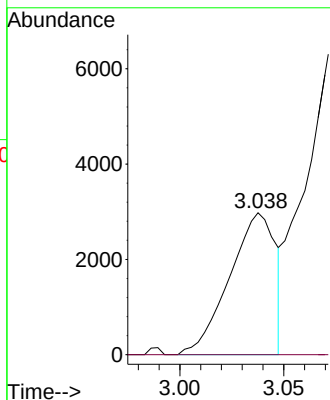
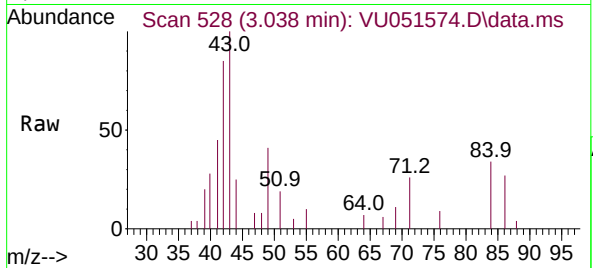




#15
Methyl Acetate
Concen: 0.571 ug/L
RT: 3.038 min Scan# 51
Delta R.T. 0.083 min
Lab File: VU051574.D
Acq: 28 Oct 2022 17:54

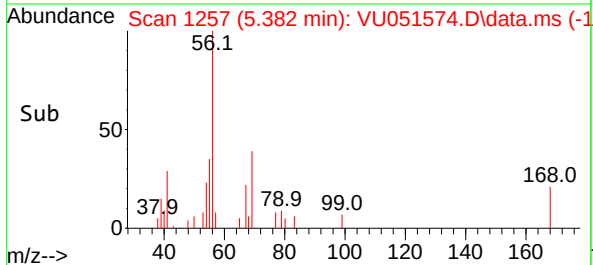
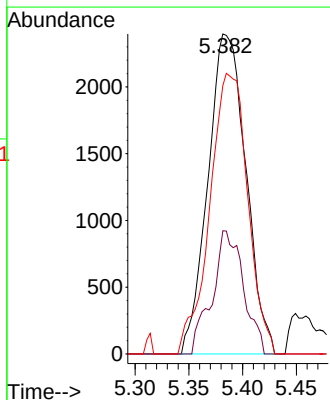
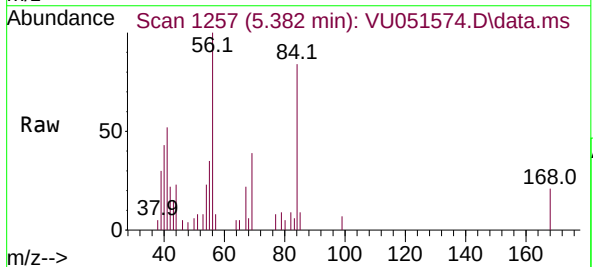
Instrument :
MSVOA_U
ClientSampleId :
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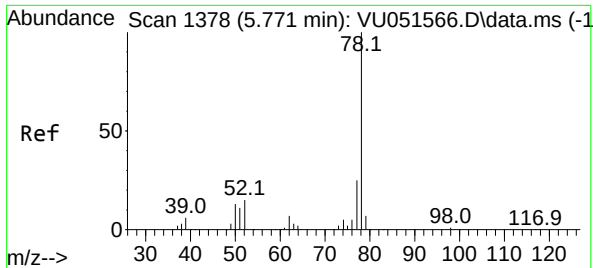
Tgt Ion: 43 Resp: 4587
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.4#



#30
Cyclohexane
Concen: 0.204 ug/L
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU051574.D
Acq: 28 Oct 2022 17:54

Tgt Ion: 56 Resp: 5873
Ion Ratio Lower Upper
56 100
69 31.8 25.4 38.0
84 87.7 71.4 107.0

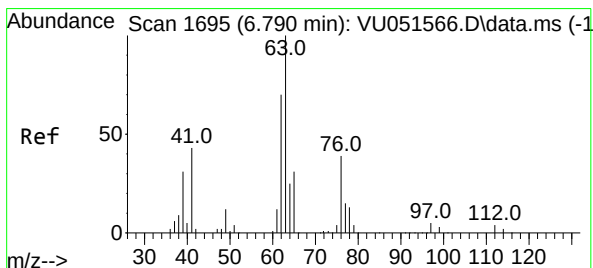
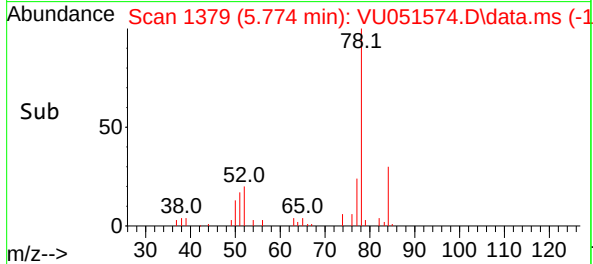
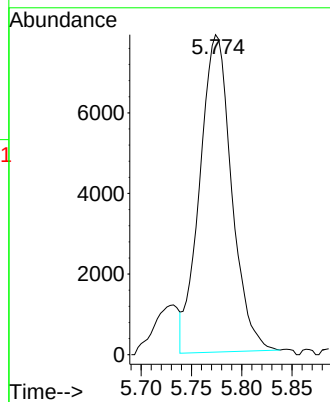
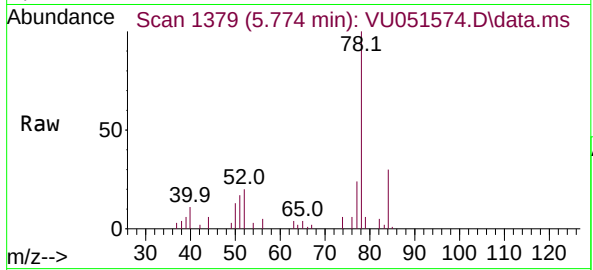




#33
Benzene
Concen: 0.191 ug/L
RT: 5.774 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051574.D
Acq: 28 Oct 2022 17:54

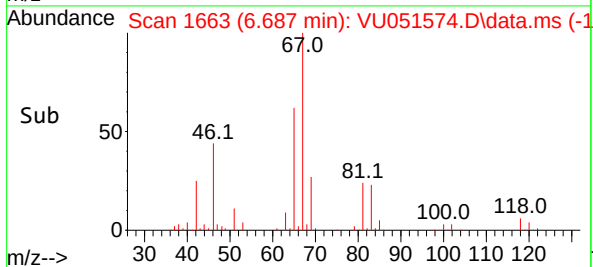
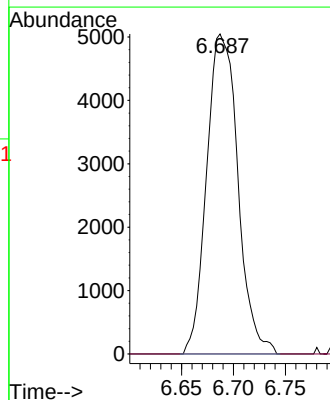
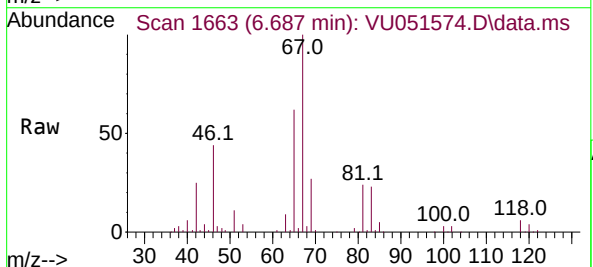
Instrument :
MSVOA_U
ClientSampleId :
BHAC1

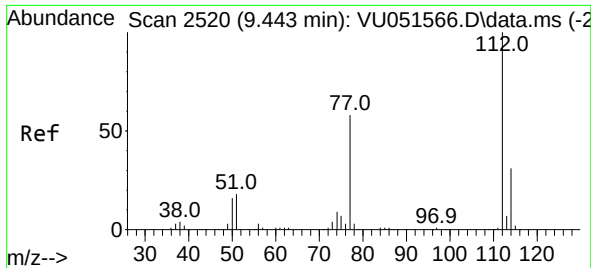
Tgt Ion: 78 Resp: 17333



#37
1,2-Dichloropropane
Concen: 0.453 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU051574.D
Acq: 28 Oct 2022 17:54

Tgt Ion: 63 Resp: 10583
Ion Ratio Lower Upper
63 100
112 1.5 3.3 4.9#

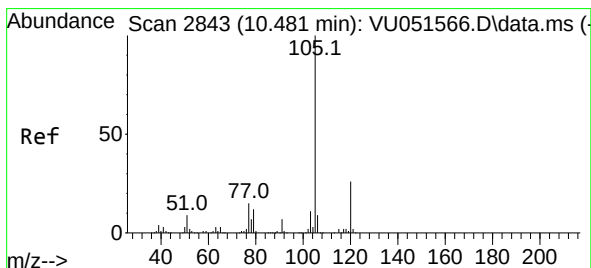
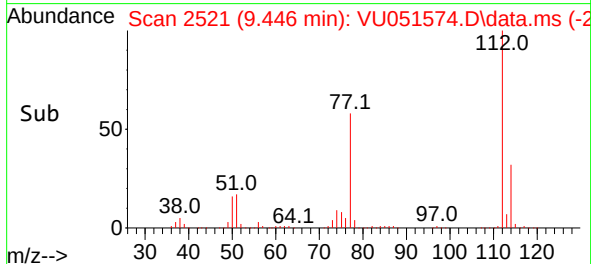
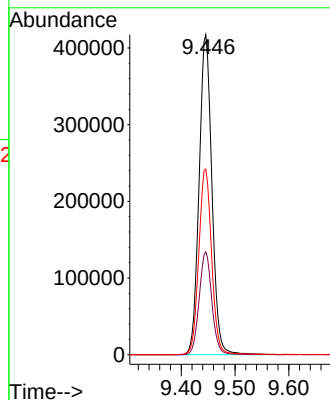
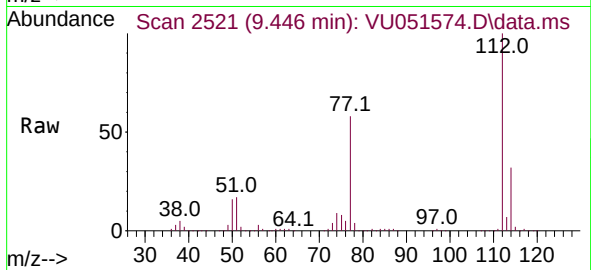




#51
Chlorobenzene
Concen: 11.761 ug/L
RT: 9.446 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU051574.D
Acq: 28 Oct 2022 17:54

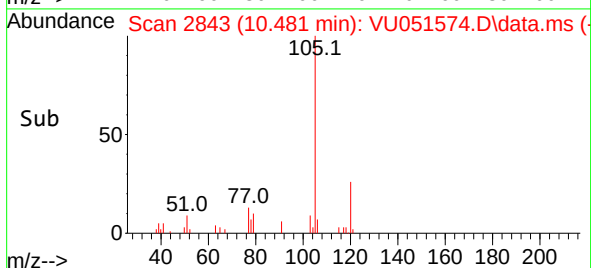
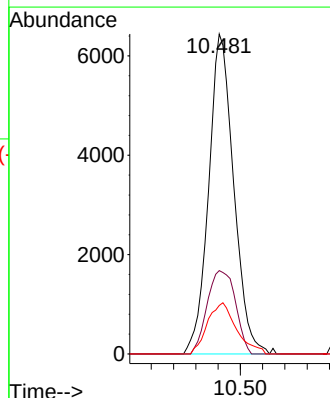
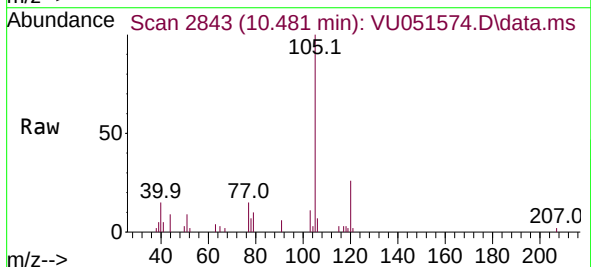
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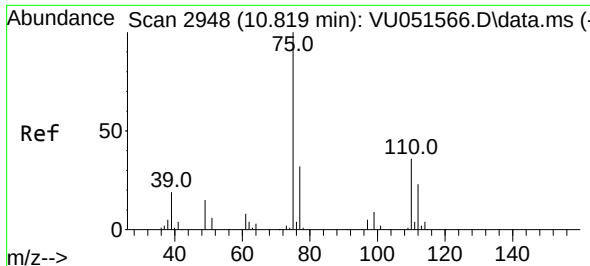
Tgt Ion:112 Resp: 690287
Ion Ratio Lower Upper
112 100
114 32.2 22.0 40.8
77 58.0 46.7 70.1



#60
Isopropylbenzene
Concen: 0.141 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051574.D
Acq: 28 Oct 2022 17:54

Tgt Ion:105 Resp: 10069
Ion Ratio Lower Upper
105 100
120 29.2 20.9 31.3
77 0.0 12.3 18.5#

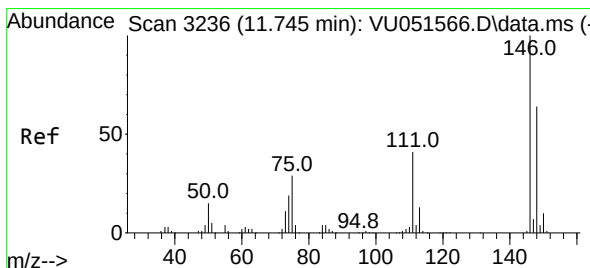
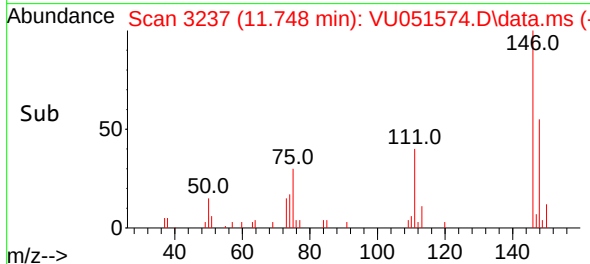
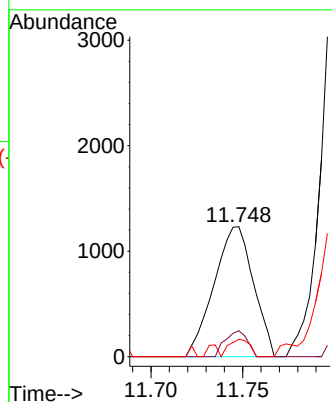
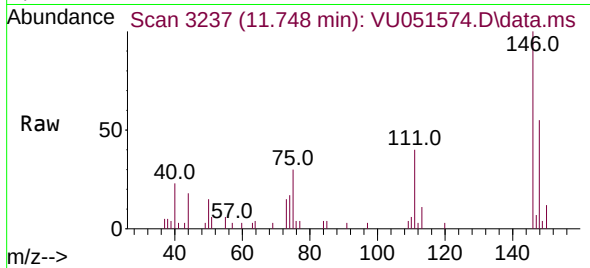




#61
1,2,3-Trichloropropane
Concen: 0.145 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.929 min
Lab File: VU051574.D
Acq: 28 Oct 2022 17:54

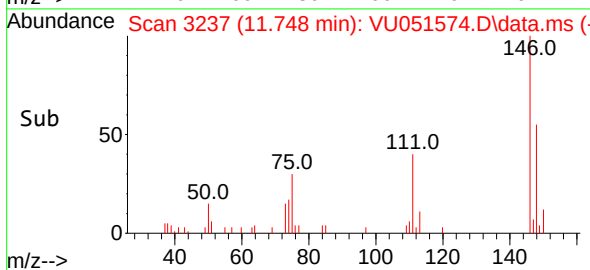
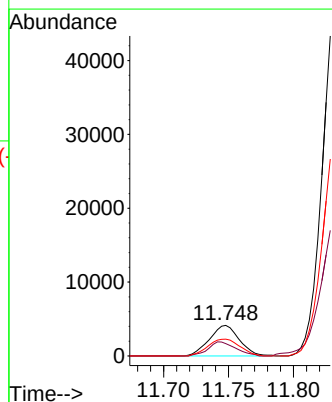
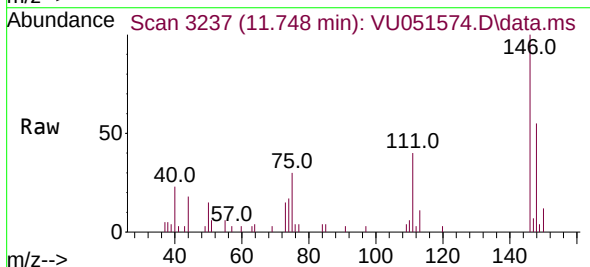
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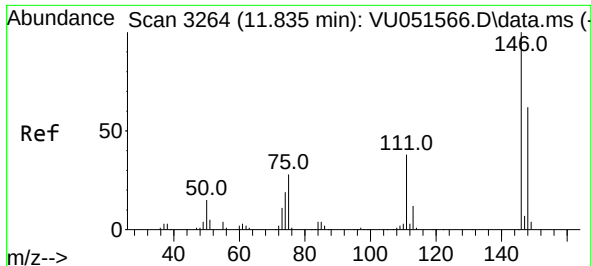
Tgt Ion: 75 Resp: 1834
Ion Ratio Lower Upper
75 100
110 11.2 28.7 43.1#
77 0.0 26.1 39.1#



#64
1,3-Dichlorobenzene
Concen: 0.187 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU051574.D
Acq: 28 Oct 2022 17:54

Tgt Ion: 146 Resp: 6627
Ion Ratio Lower Upper
146 100
111 40.1 28.6 53.2
148 54.8 44.7 82.9

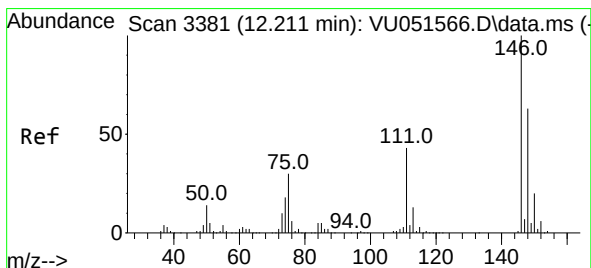
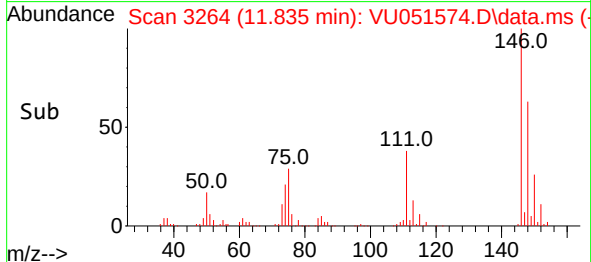
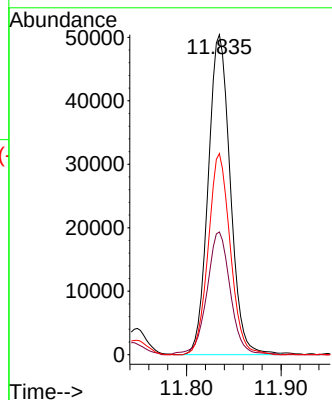
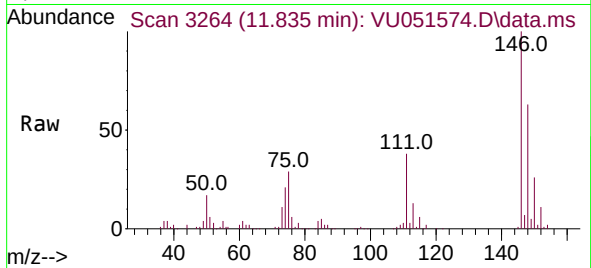




#65
1,4-Dichlorobenzene
Concen: 2.298 ug/L
RT: 11.835 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051574.D
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Tgt Ion:146 Resp: 81779
Ion Ratio Lower Upper
146 100
111 38.4 26.7 49.5
148 62.8 43.5 80.9



#67
1,2-Dichlorobenzene
Concen: 0.741 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU051574.D
Acq: 28 Oct 2022 17:54

Tgt Ion:146 Resp: 25621
Ion Ratio Lower Upper
146 100
111 41.8 34.2 51.2
148 63.8 50.1 75.1

