

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
 Data File : VU051697.D
 Acq On : 02 Nov 2022 17:44
 Operator : JC/MD
 Sample : N5320-03DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAB5DL

Quant Time: Nov 03 01:49:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 03 01:45:18 2022
 Response via : Initial Calibration

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

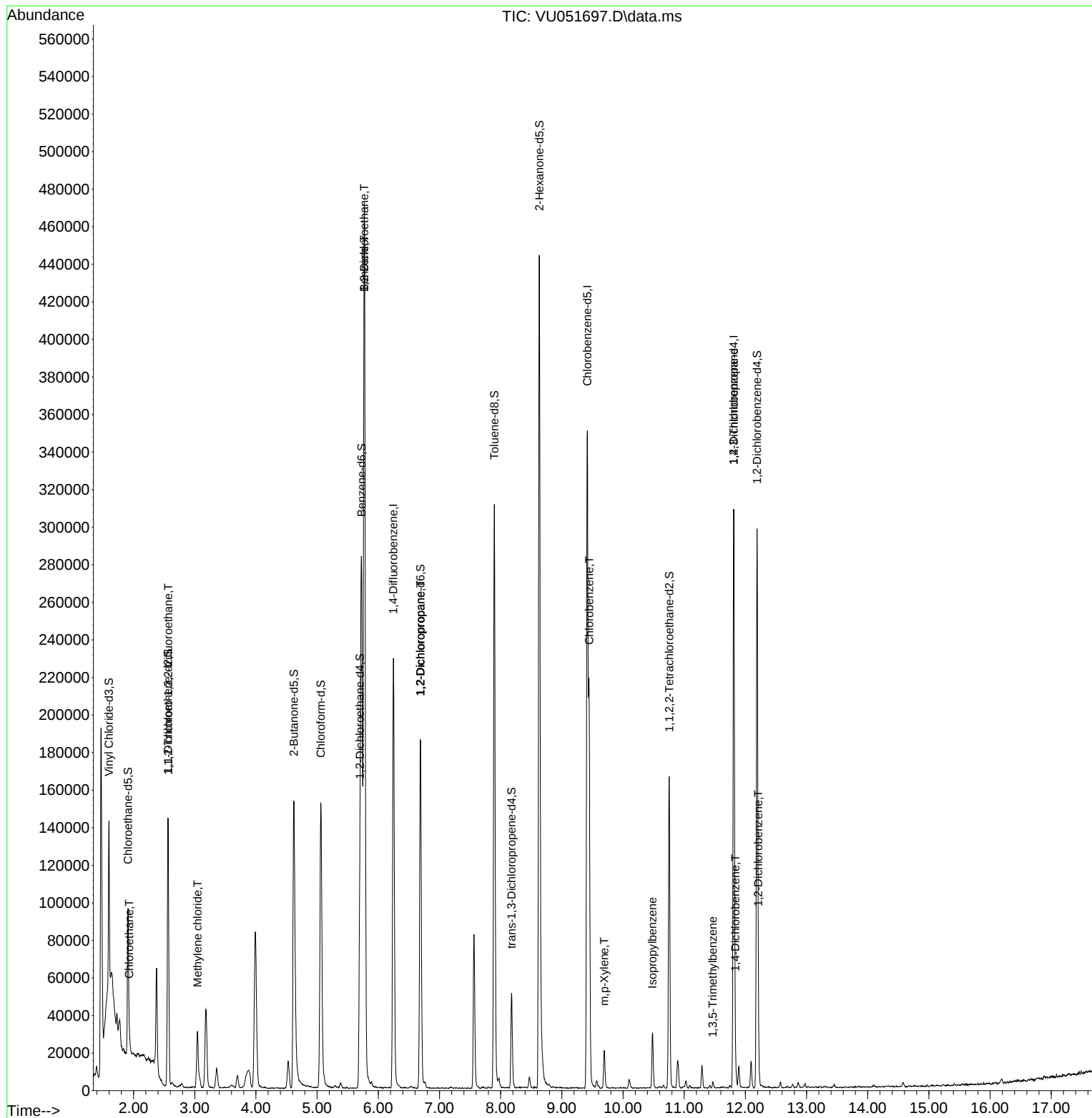
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	191965	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	197634	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	85146	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	66721	4.615	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.200%
7) Chloroethane-d5	1.909	69	64041	4.247	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.562	65	27540	5.249	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.000%
20) 2-Butanone-d5	4.620	46	198157	37.845	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.680%
24) Chloroform-d	5.060	84	142578	4.214	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	5.700	65	74563	4.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
32) Benzene-d6	5.726	84	277906	4.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.690	67	92956	4.262	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.200%
41) Toluene-d8	7.896	98	217753	4.440	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	8.179	79	29641	4.445	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.632	63	152362	37.956	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.920%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	82836	4.145	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	80882	5.176	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
8) Chloroethane	1.928	64	4909	0.319	ug/L #	62
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	799	0.049	ug/L #	19
16) Methylene chloride	3.044	84	15617	0.571	ug/L	93
27) 1,2-Dichloroethane	5.771	62	4346	0.206	ug/L #	75
33) Benzene	5.771	78	474584	6.085	ug/L	100
37) 1,2-Dichloropropane	6.687	63	9591	0.478	ug/L #	88
51) Chlorobenzene	9.446	112	114625	2.274	ug/L	98
53) m,p-Xylene	9.693	106	6004	0.200	ug/L	86
60) Isopropylbenzene	10.481	105	19051	0.306	ug/L	99
61) 1,2,3-Trichloropropane	11.809	75	10851	0.986	ug/L #	67
62) 1,3,5-Trimethylbenzene	11.465	105	2144	0.128	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	3988	0.129	ug/L	90
67) 1,2-Dichlorobenzene	12.211	146	5793	0.192	ug/L	98

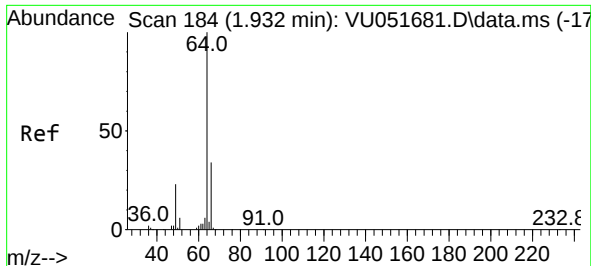
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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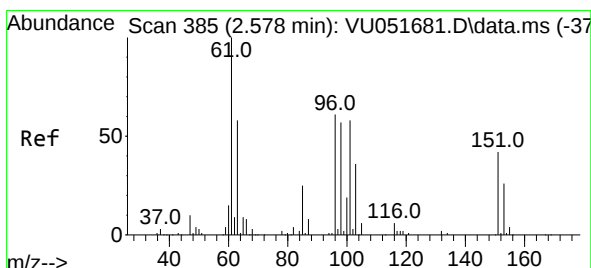
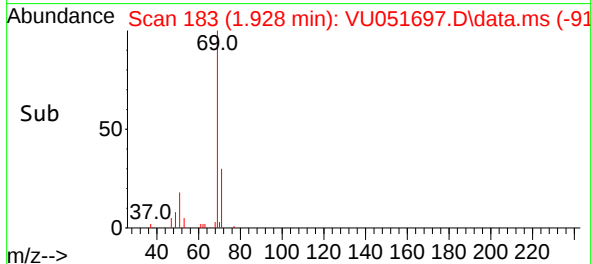
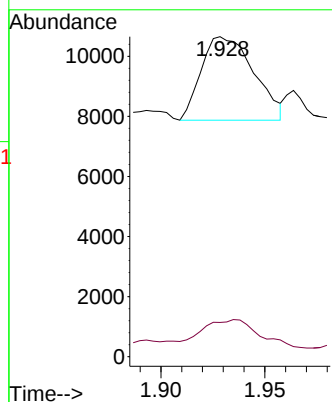
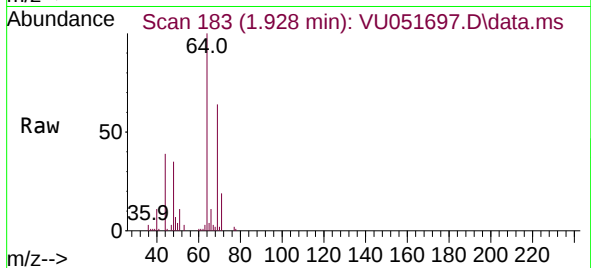




#8
Chloroethane
Concen: 0.319 ug/L
RT: 1.928 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU051697.D
Acq: 02 Nov 2022 17:44

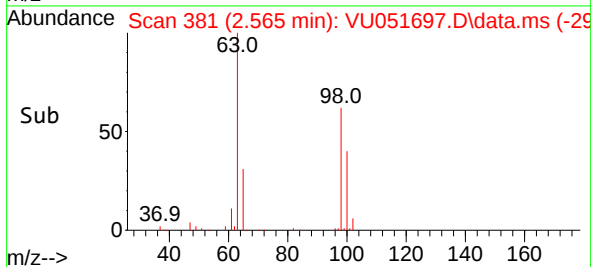
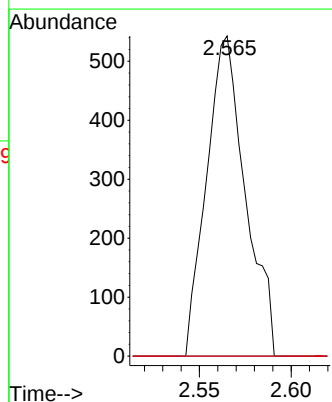
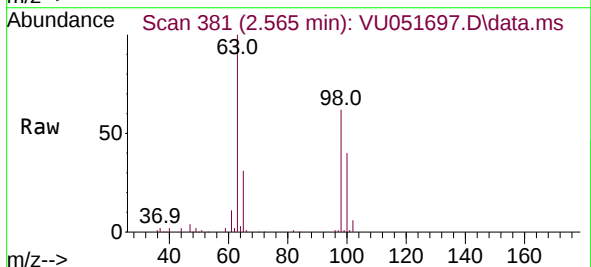
Instrument :
MSVOA_U
ClientSampleId :
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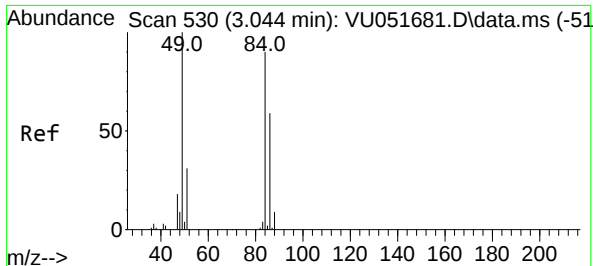
Tgt Ion: 64 Resp: 4909
Ion Ratio Lower Upper
64 100
66 10.7 22.3 41.5#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.049 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU051697.D
Acq: 02 Nov 2022 17:44

Tgt Ion:101 Resp: 799
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 59.6 89.4#

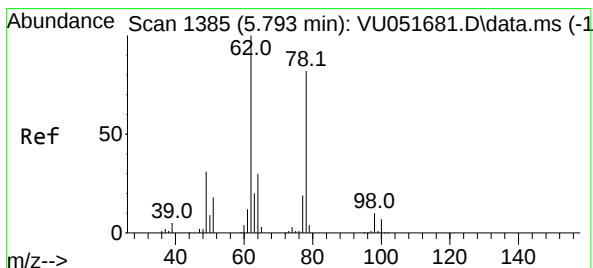
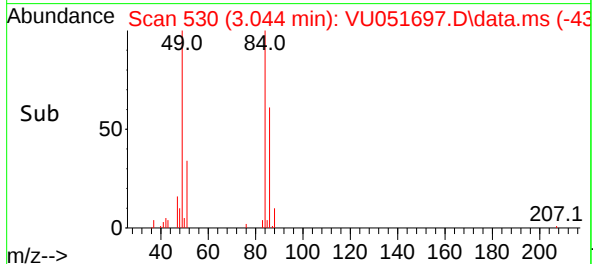
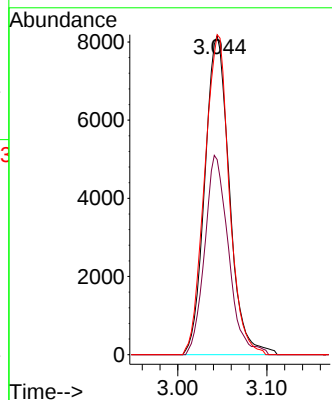
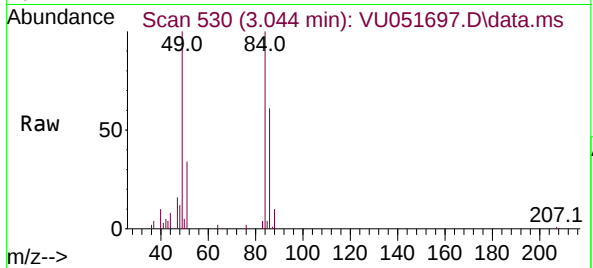




#16
Methylene chloride
Concen: 0.571 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU051697.D
Acq: 02 Nov 2022 17:44

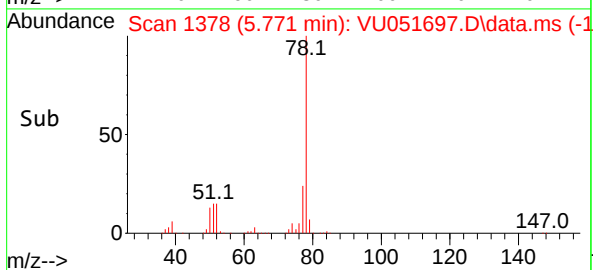
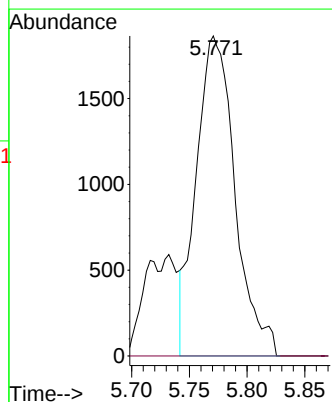
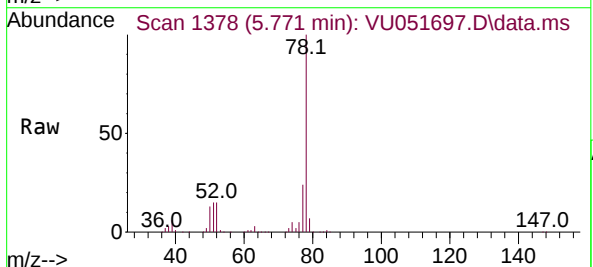
Instrument :
MSVOA_U
ClientSampleId :
BHAB5DL

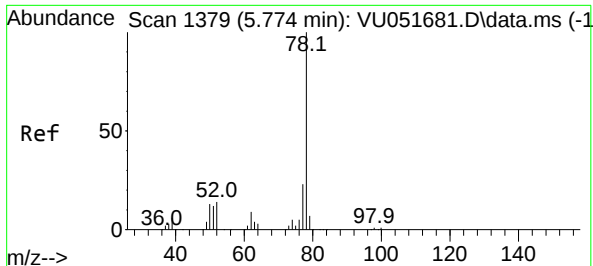
Tgt Ion: 84 Resp: 15617
Ion Ratio Lower Upper
84 100
86 61.2 46.3 85.9
49 100.3 76.0 141.2



#27
1,2-Dichloroethane
Concen: 0.206 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.023 min
Lab File: VU051697.D
Acq: 02 Nov 2022 17:44

Tgt Ion: 62 Resp: 4346
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.0#

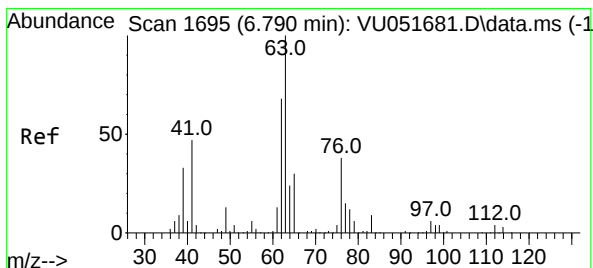
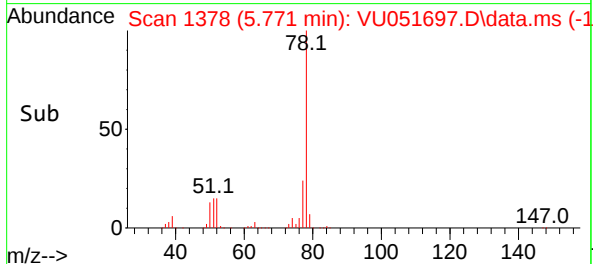
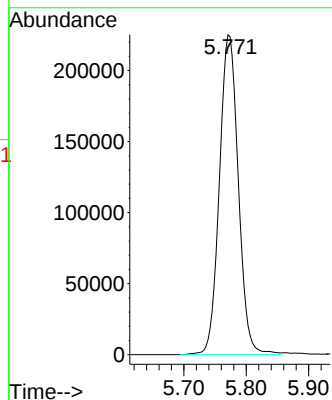
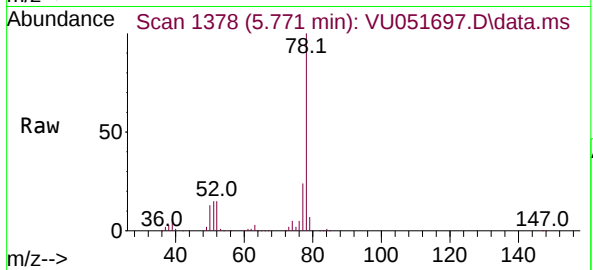




#33
Benzene
Concen: 6.085 ug/L
RT: 5.771 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU051697.D
Acq: 02 Nov 2022 17:44

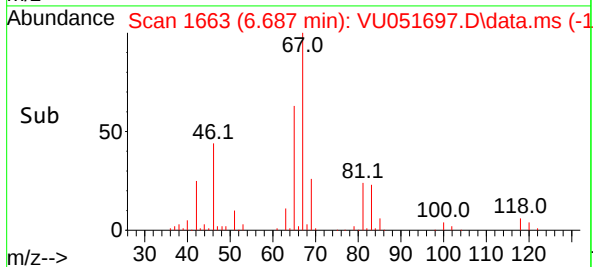
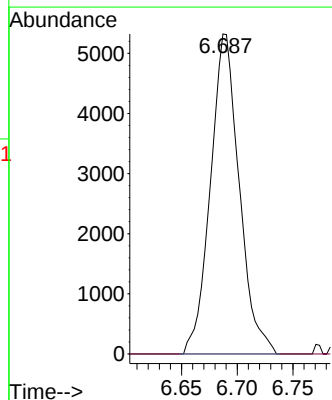
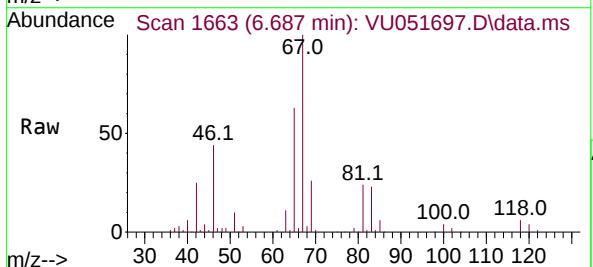
Instrument :
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ClientSampleId :
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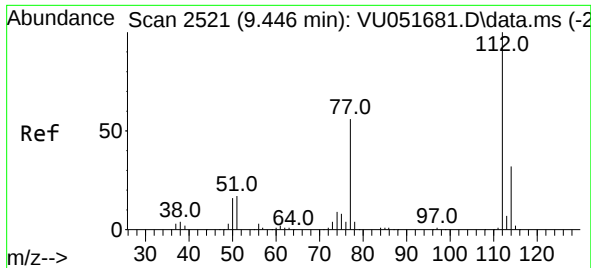
Tgt Ion: 78 Resp: 474584



#37
1,2-Dichloropropane
Concen: 0.478 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU051697.D
Acq: 02 Nov 2022 17:44

Tgt Ion: 63 Resp: 9591
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

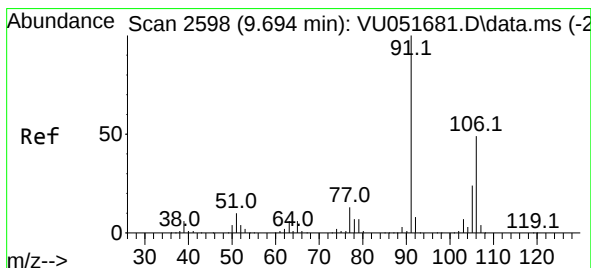
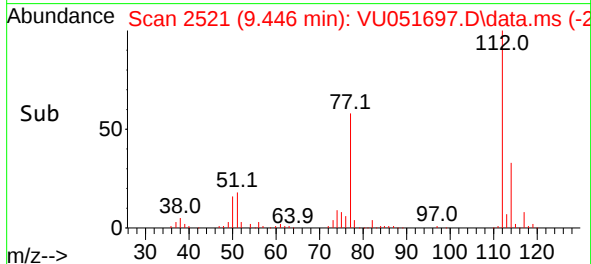
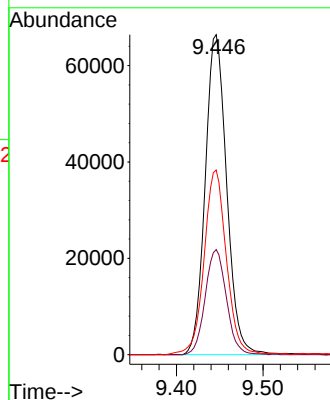
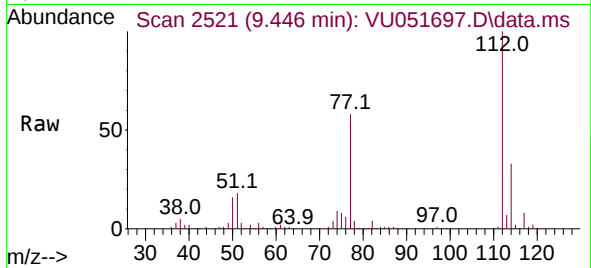




#51
Chlorobenzene
Concen: 2.274 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU051697.D
Acq: 02 Nov 2022 17:44

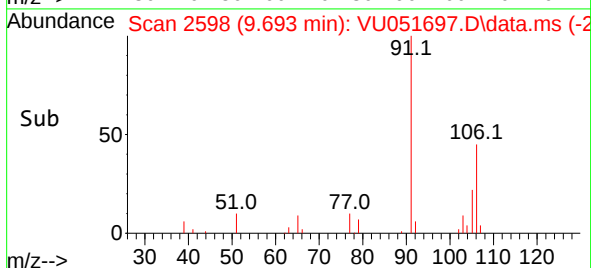
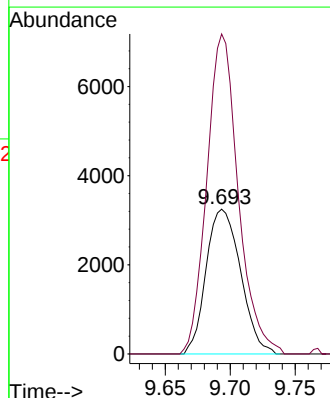
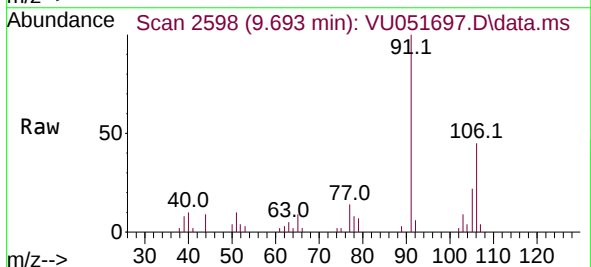
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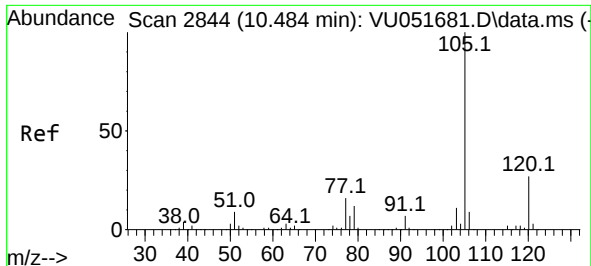
Tgt Ion:112 Resp: 114625
Ion Ratio Lower Upper
112 100
114 32.9 22.0 40.8
77 57.7 46.7 70.1



#53
m,p-Xylene
Concen: 0.200 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU051697.D
Acq: 02 Nov 2022 17:44

Tgt Ion:106 Resp: 6004
Ion Ratio Lower Upper
106 100
91 221.0 139.4 259.0

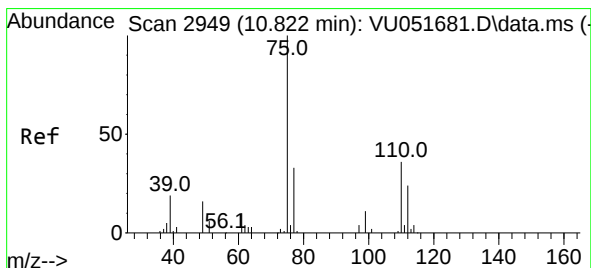
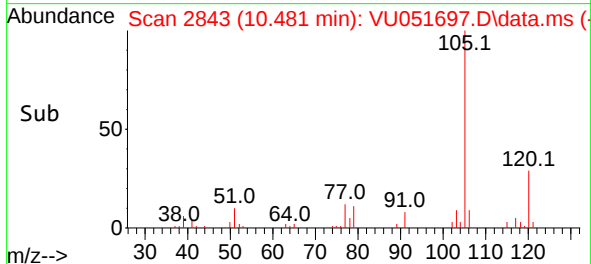
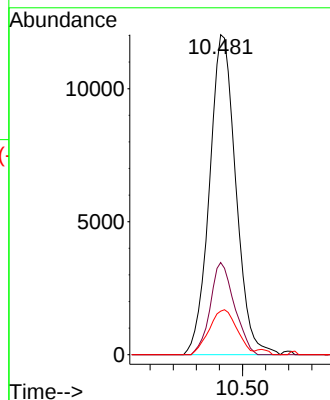
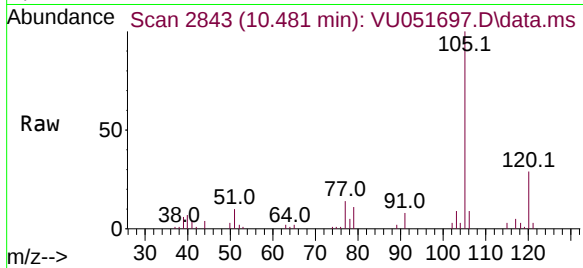




#60
Isopropylbenzene
Concen: 0.306 ug/L
RT: 10.481 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051697.D
Acq: 02 Nov 2022 17:44

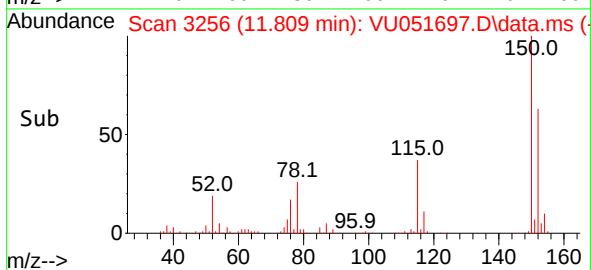
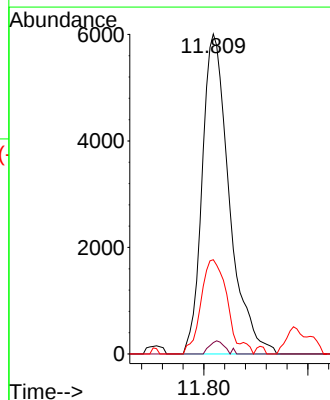
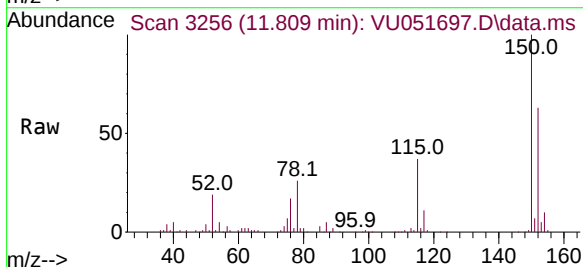
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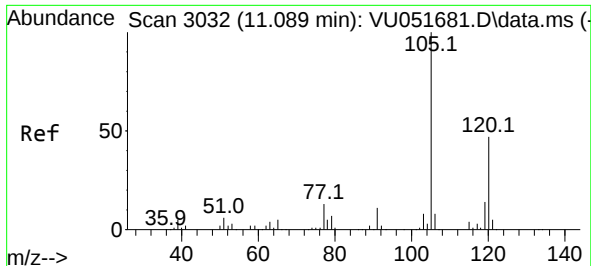
Tgt Ion:105 Resp: 19051
Ion Ratio Lower Upper
105 100
120 26.3 20.9 31.3
77 14.9 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 0.986 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU051697.D
Acq: 02 Nov 2022 17:44

Tgt Ion: 75 Resp: 10851
Ion Ratio Lower Upper
75 100
110 2.4 28.7 43.1#
77 28.7 26.1 39.1





#62

1,3,5-Trimethylbenzene

Concen: 0.128 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. 0.376 min

Lab File: VU051697.D

Acq: 02 Nov 2022 17:44

Instrument :

MSVOA_U

ClientSampleId :

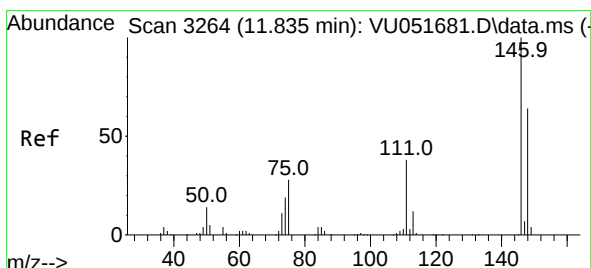
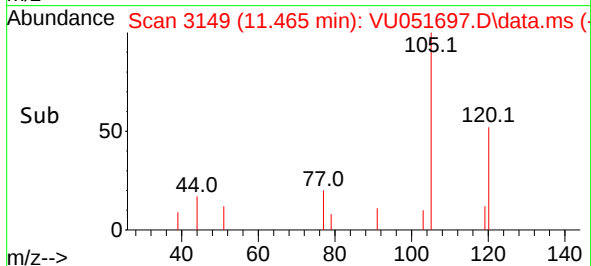
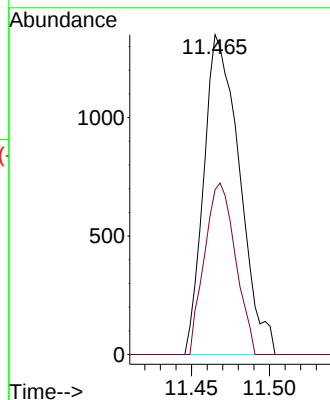
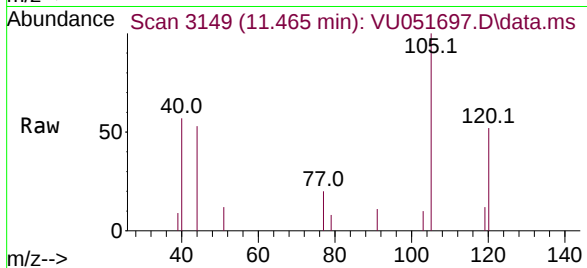
BHAB5DL

Tgt Ion:105 Resp: 2144

Ion Ratio Lower Upper

105 100

120 46.5 38.6 57.8



#65

1,4-Dichlorobenzene

Concen: 0.129 ug/L

RT: 11.835 min Scan# 3264

Delta R.T. -0.000 min

Lab File: VU051697.D

Acq: 02 Nov 2022 17:44

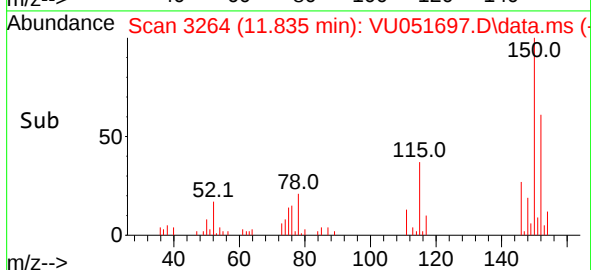
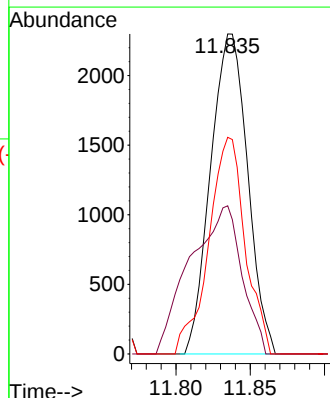
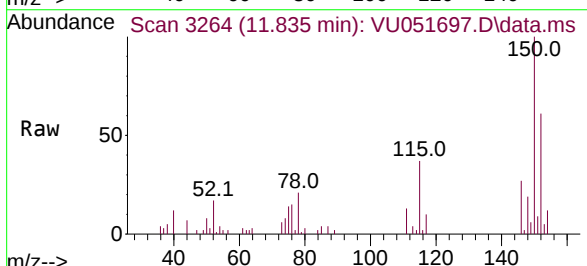
Tgt Ion:146 Resp: 3988

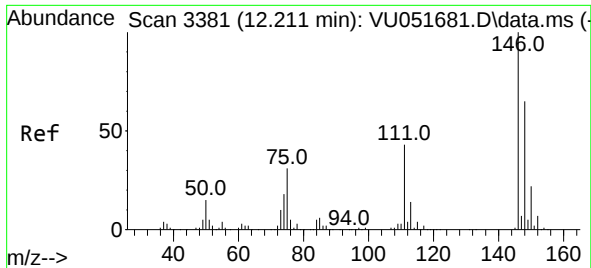
Ion Ratio Lower Upper

146 100

111 46.3 26.7 49.5

148 67.7 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 0.192 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU051697.D

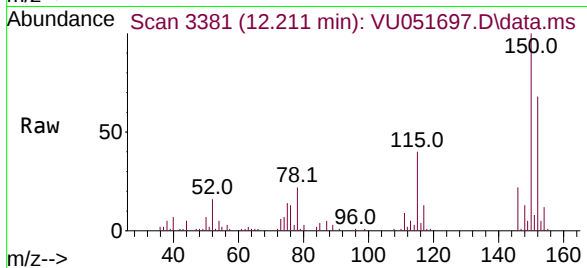
Acq: 02 Nov 2022 17:44

Instrument :

MSVOA_U

ClientSampleId :

BHAB5DL



Tgt Ion:146 Resp: 5793

Ion Ratio Lower Upper

146 100

111 41.1 34.2 51.2

148 60.9 50.1 75.1

