

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
 Data File : VU051709.D
 Acq On : 02 Nov 2022 23:19
 Operator : JC/MD
 Sample : N5320-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAB4

Quant Time: Nov 03 04:28:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 03 03:06:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	174802	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	186652	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	84967	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	64625	4.909	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.200%
7) Chloroethane-d5	1.912	69	60100	4.377	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.565	65	24986	5.229	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.600%
20) 2-Butanone-d5	4.620	46	197437	41.410	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.820%
24) Chloroform-d	5.060	84	143055	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.700	65	72989	4.386	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	5.726	84	265817	4.513	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.690	67	93583	4.544	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.896	98	206751	4.464	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	8.179	79	27611	4.384	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.632	63	148188	39.088	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.180%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	84888	4.498	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	85129	5.459	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.200%
Target Compounds						Qvalue
8) Chloroethane	2.002	64	1569	0.112	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	895	0.060	ug/L #	25
17) Methyl tert-butyl Ether	3.363	73	14941	0.429	ug/L #	92
27) 1,2-Dichloroethane	5.777	62	2664	0.139	ug/L #	75
33) Benzene	5.771	78	314886	4.275	ug/L	100
37) 1,2-Dichloropropane	6.690	63	9468	0.500	ug/L #	88
51) Chlorobenzene	9.446	112	257608	5.411	ug/L	98
53) m,p-Xylene	9.690	106	19953	0.704	ug/L	98
54) o-Xylene	10.099	106	14652	0.529	ug/L	96
55) Styrene	10.102	104	1966	0.042	ug/L #	1
60) Isopropylbenzene	10.481	105	16654	0.268	ug/L #	86
61) 1,2,3-Trichloropropane	11.809	75	11946	1.087	ug/L #	44
62) 1,3,5-Trimethylbenzene	11.089	105	1954	0.117	ug/L	93
63) 1,2,4-Trimethylbenzene	11.468	105	6274	0.130	ug/L	95
65) 1,4-Dichlorobenzene	11.835	146	7434	0.240	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	4903	0.163	ug/L #	91
71) Naphthalene	14.095	128	3528	0.112	ug/L #	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
Data File : VU051709.D
Acq On : 02 Nov 2022 23:19
Operator : JC/MD
Sample : N5320-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHAB4

Quant Time: Nov 03 04:28:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 03 03:06:09 2022
Response via : Initial Calibration

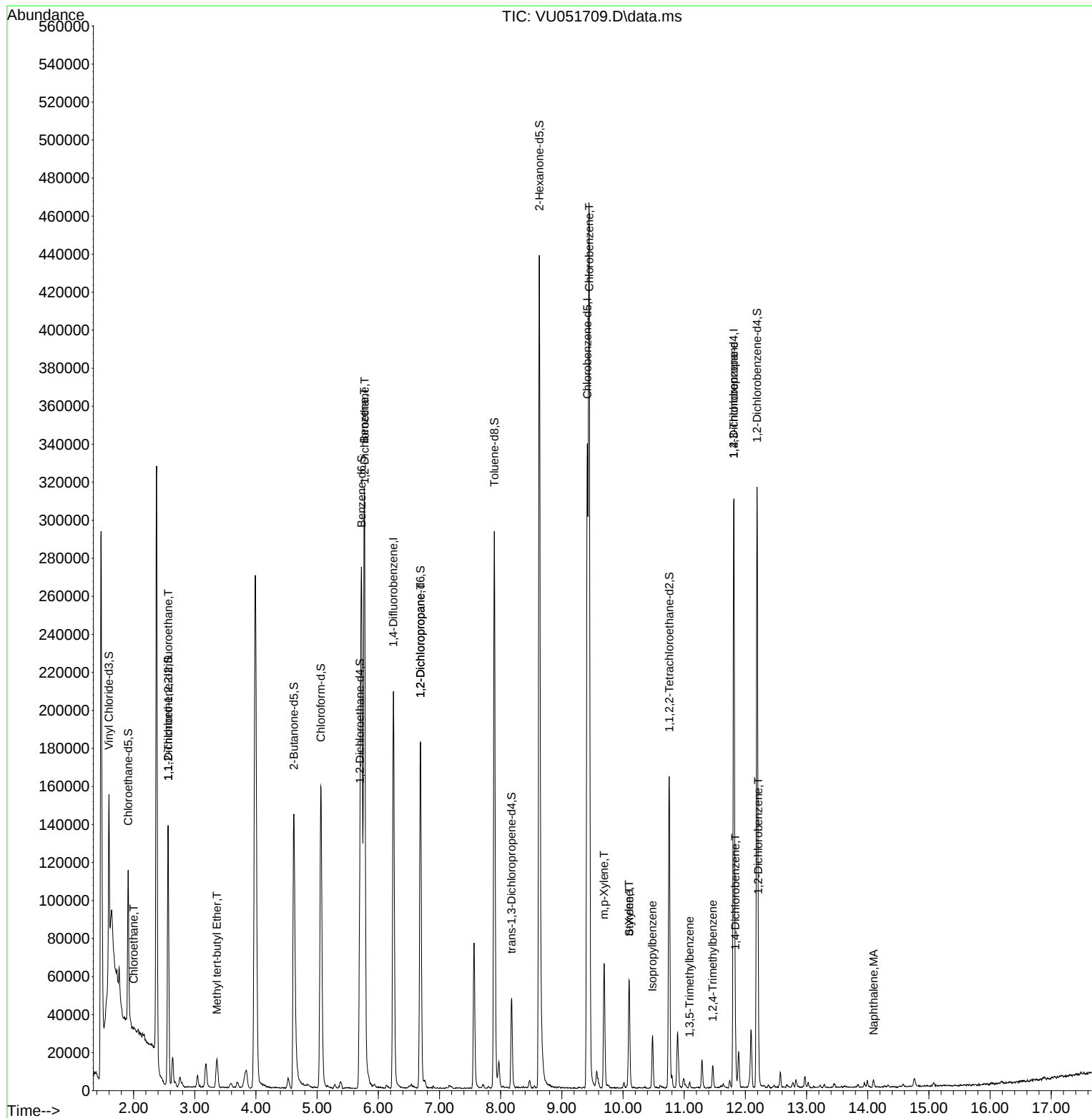
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

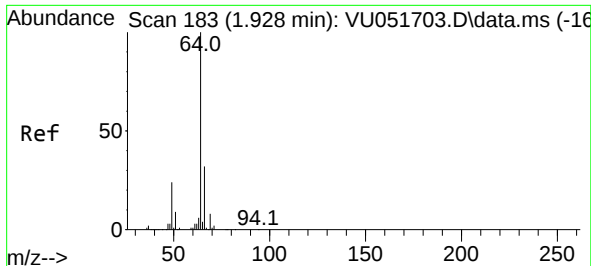
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
Data File : VU051709.D
Acq On : 02 Nov 2022 23:19
Operator : JC/MD
Sample : N5320-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHAB4

Quant Time: Nov 03 04:28:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 03 03:06:09 2022
Response via : Initial Calibration

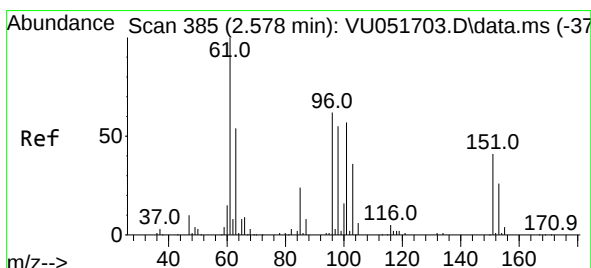
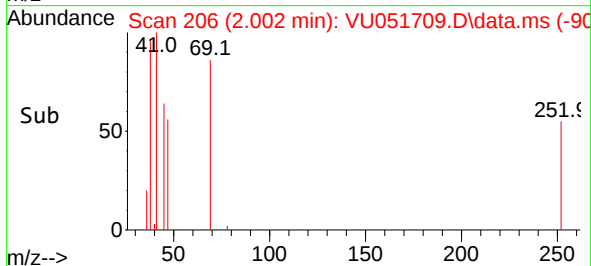
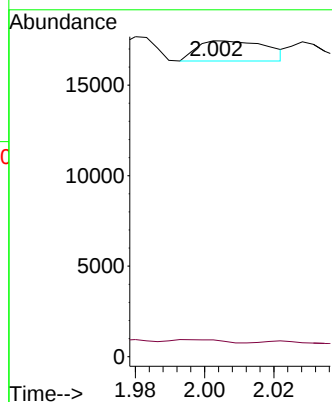
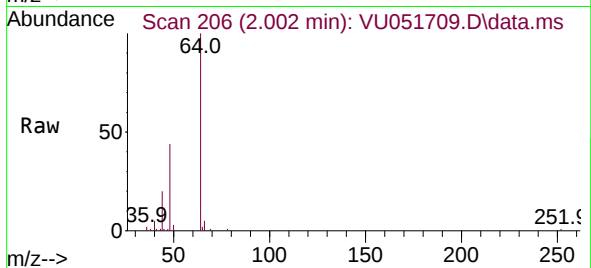




#8
Chloroethane
Concen: 0.112 ug/L
RT: 2.002 min Scan# 206
Delta R.T. 0.074 min
Lab File: VU051709.D
Acq: 02 Nov 2022 23:19

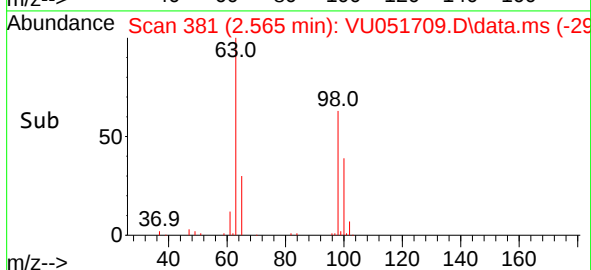
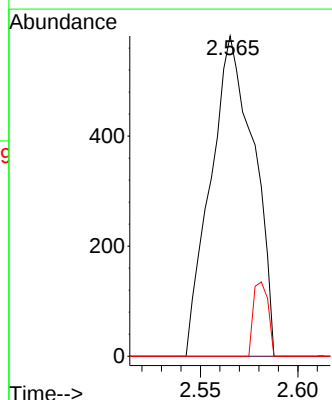
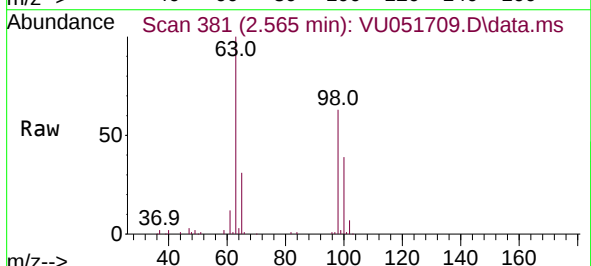
Instrument :
MSVOA_U
ClientSampleId :
BHAB4

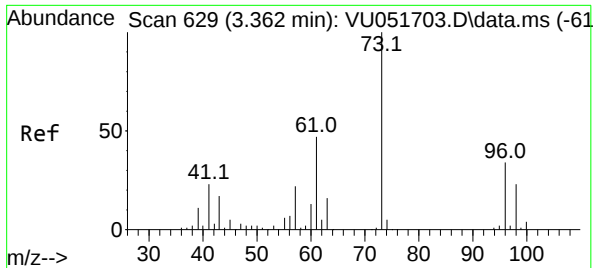
Tgt Ion: 64 Resp: 1569
Ion Ratio Lower Upper
64 100
66 5.3 22.3 41.5#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.060 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU051709.D
Acq: 02 Nov 2022 23:19

Tgt Ion: 101 Resp: 895
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 7.9 59.6 89.4#





#17

Methyl tert-butyl Ether

Concen: 0.429 ug/L

RT: 3.363 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU051709.D

Acq: 02 Nov 2022 23:19

Instrument :

MSVOA_U

ClientSampleId :

BHAB4

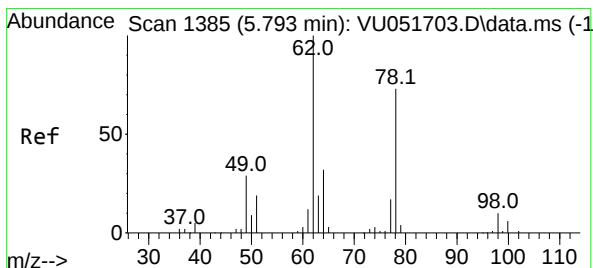
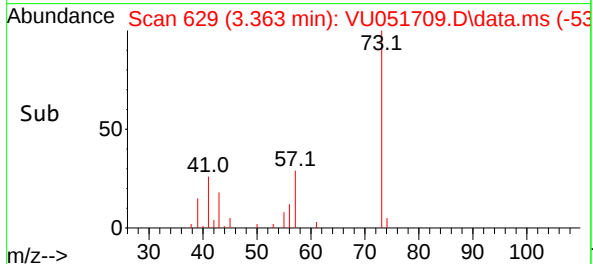
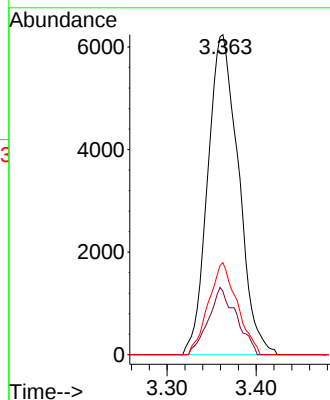
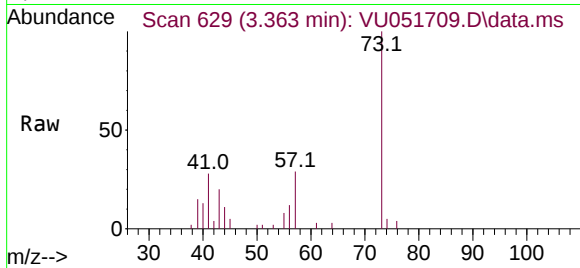
Tgt Ion: 73 Resp: 14941

Ion Ratio Lower Upper

73 100

43 19.1 13.6 20.4

57 26.9 17.5 26.3#



#27

1,2-Dichloroethane

Concen: 0.139 ug/L

RT: 5.777 min Scan# 1380

Delta R.T. -0.016 min

Lab File: VU051709.D

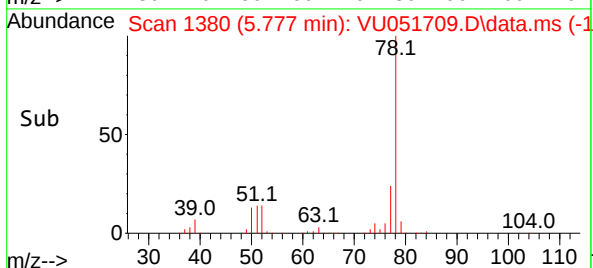
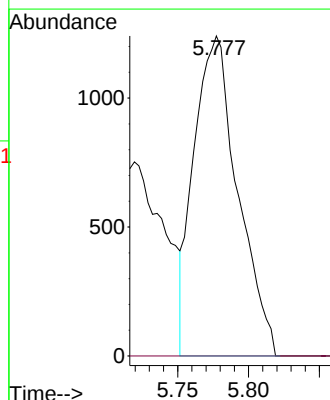
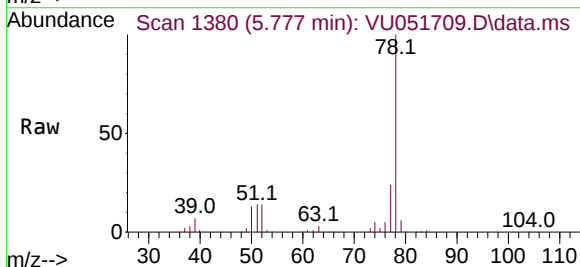
Acq: 02 Nov 2022 23:19

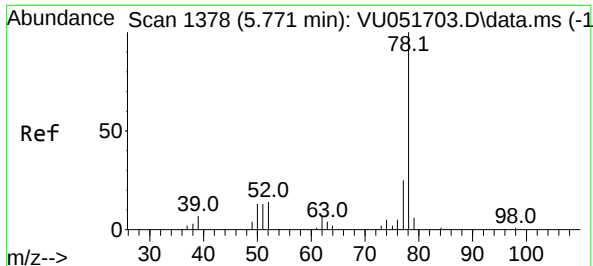
Tgt Ion: 62 Resp: 2664

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#

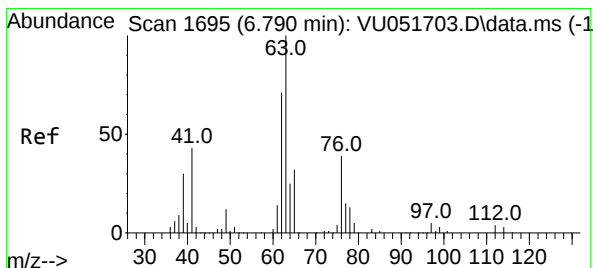
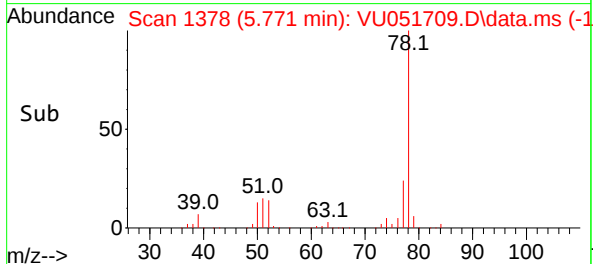
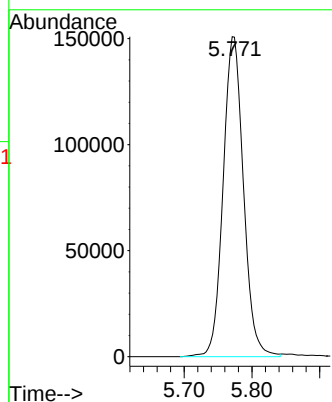
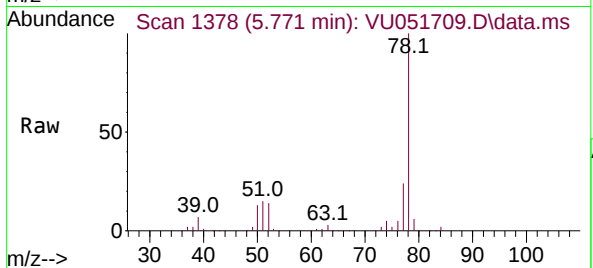




#33
Benzene
Concen: 4.275 ug/L
RT: 5.771 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051709.D
Acq: 02 Nov 2022 23:19

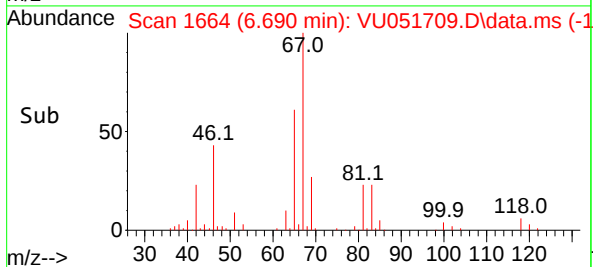
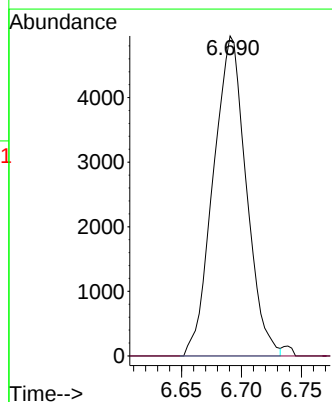
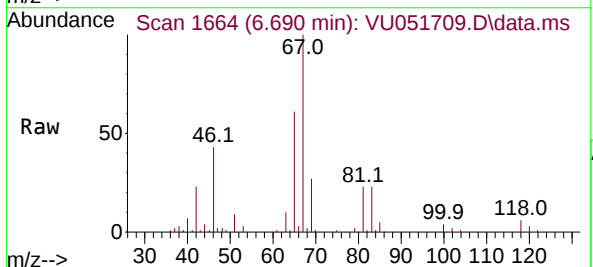
Instrument :
MSVOA_U
ClientSampleId :
BHAB4

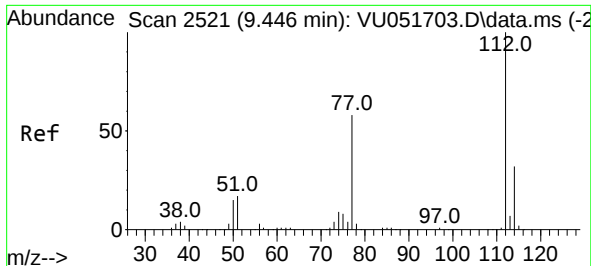
Tgt Ion: 78 Resp: 314886



#37
1,2-Dichloropropane
Concen: 0.500 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.099 min
Lab File: VU051709.D
Acq: 02 Nov 2022 23:19

Tgt Ion: 63 Resp: 9468
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

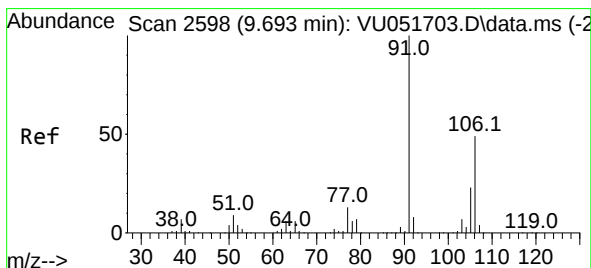
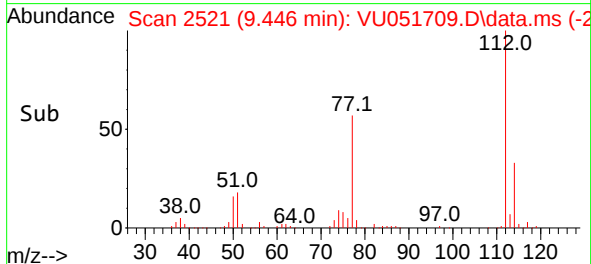
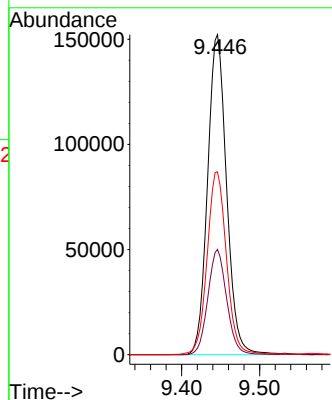
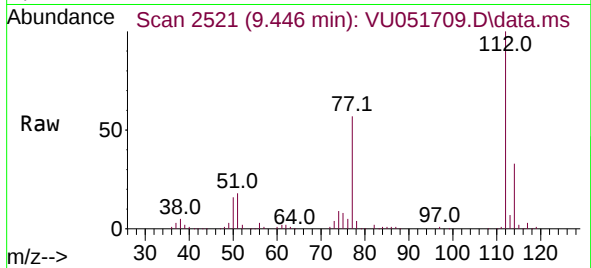




#51
Chlorobenzene
Concen: 5.411 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051709.D
Acq: 02 Nov 2022 23:19

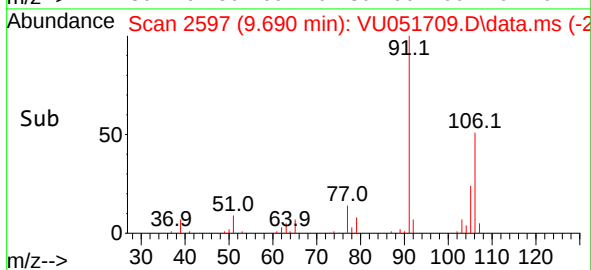
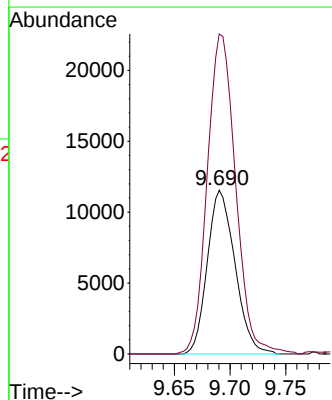
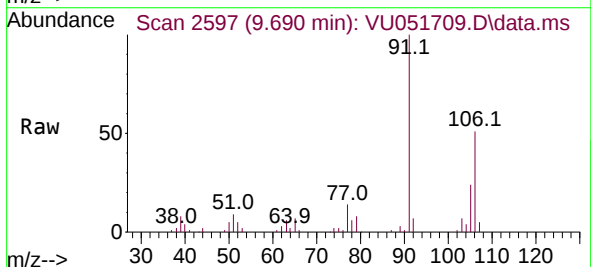
Instrument :
MSVOA_U
ClientSampleId :
BHAB4

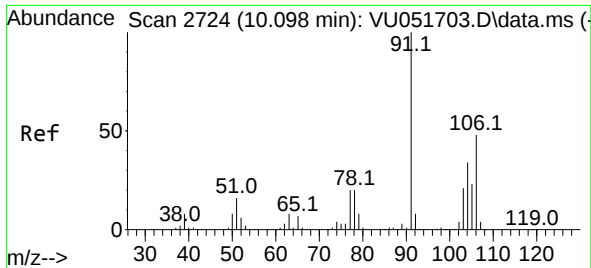
Tgt Ion:112 Resp: 257608
Ion Ratio Lower Upper
112 100
114 32.9 22.0 40.8
77 57.1 46.7 70.1



#53
m,p-Xylene
Concen: 0.704 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU051709.D
Acq: 02 Nov 2022 23:19

Tgt Ion:106 Resp: 19953
Ion Ratio Lower Upper
106 100
91 195.5 139.4 259.0

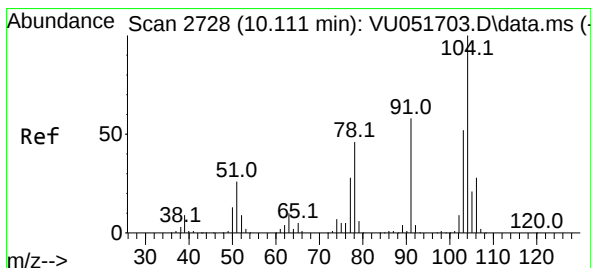
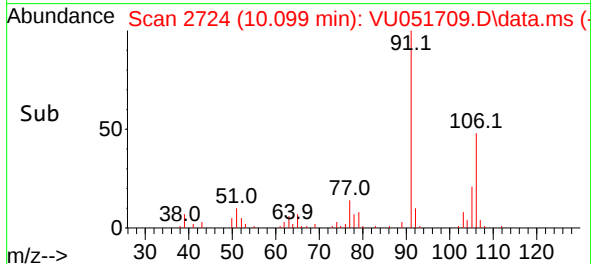
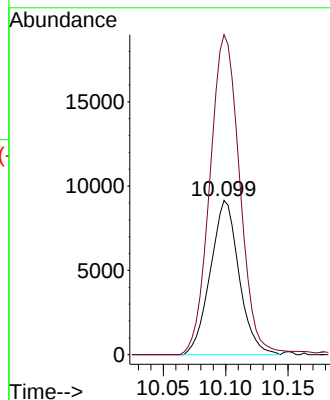
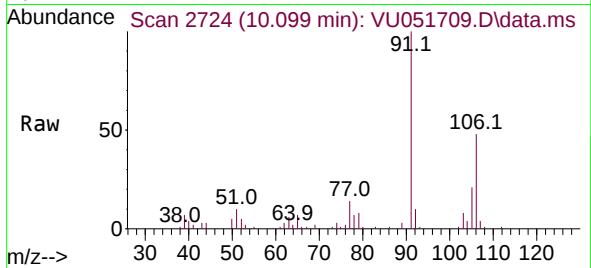




#54
o-Xylene
Concen: 0.529 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU051709.D
Acq: 02 Nov 2022 23:19

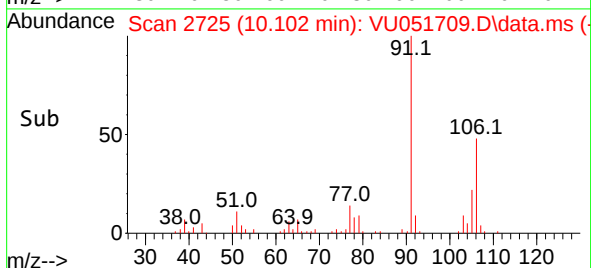
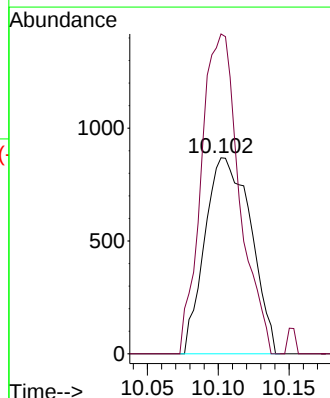
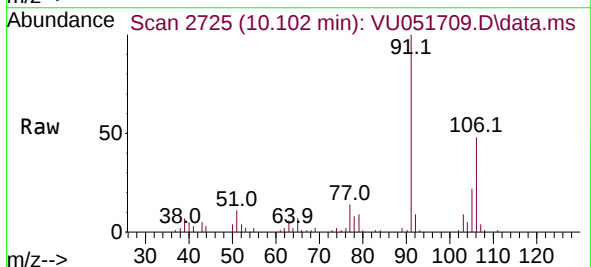
Instrument :
MSVOA_U
ClientSampleId :
BHAB4

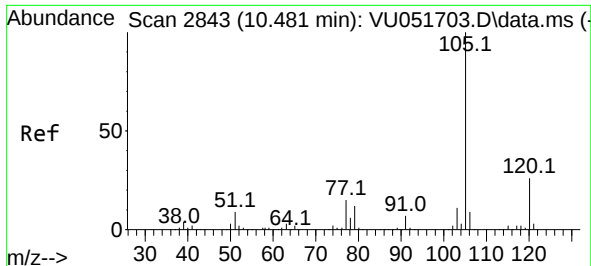
Tgt Ion:106 Resp: 14652
Ion Ratio Lower Upper
106 100
91 207.5 149.2 277.2



#55
Styrene
Concen: 0.042 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.009 min
Lab File: VU051709.D
Acq: 02 Nov 2022 23:19

Tgt Ion:104 Resp: 1966
Ion Ratio Lower Upper
104 100
78 163.2 31.8 59.0#

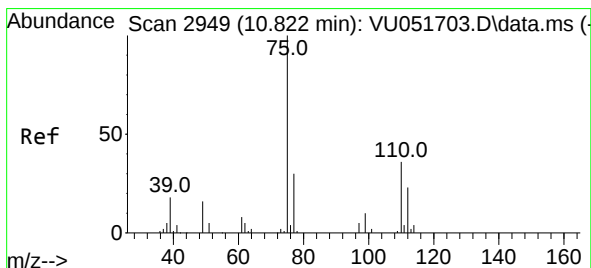
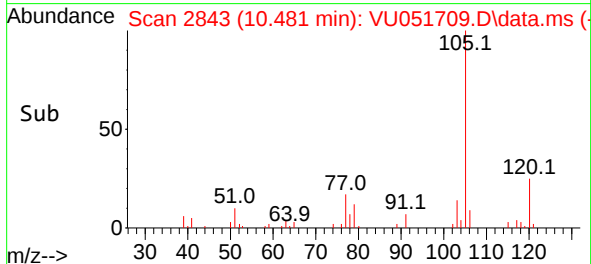
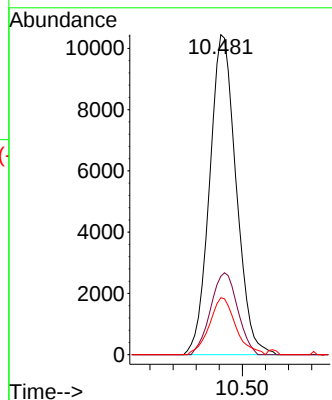
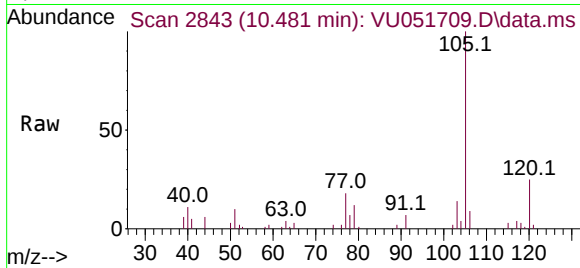




#60
Isopropylbenzene
Concen: 0.268 ug/L
RT: 10.481 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051709.D
Acq: 02 Nov 2022 23:19

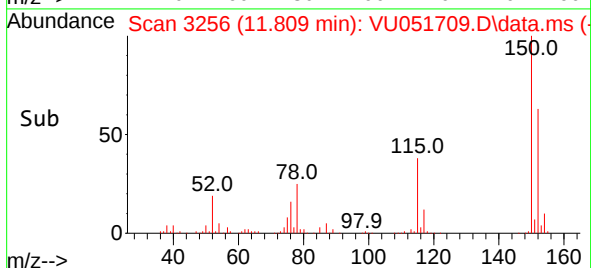
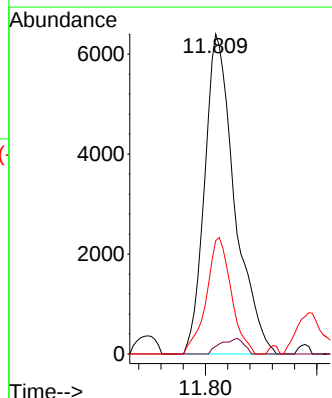
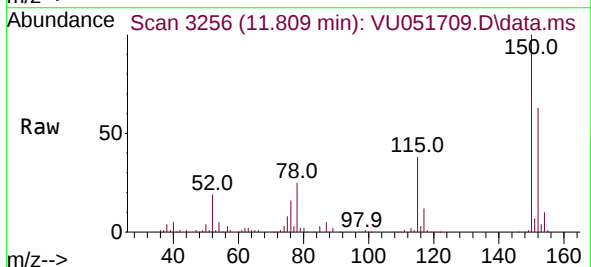
Instrument :
MSVOA_U
ClientSampleId :
BHAB4

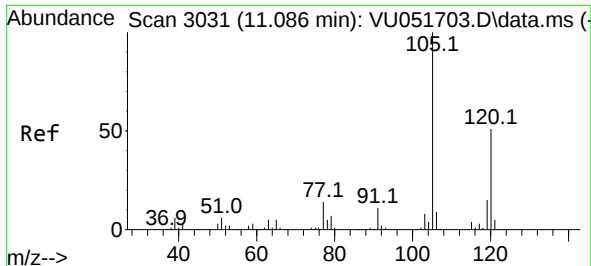
Tgt Ion:105 Resp: 16654
Ion Ratio Lower Upper
105 100
120 26.0 20.9 31.3
77 0.0 12.3 18.5#



#61
1,2,3-Trichloropropane
Concen: 1.087 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU051709.D
Acq: 02 Nov 2022 23:19

Tgt Ion: 75 Resp: 11946
Ion Ratio Lower Upper
75 100
110 3.8 28.7 43.1#
77 0.0 26.1 39.1#





#62

1,3,5-Trimethylbenzene

Concen: 0.117 ug/L

RT: 11.089 min Scan# 3031

Delta R.T. 0.003 min

Lab File: VU051709.D

Acq: 02 Nov 2022 23:19

Instrument :

MSVOA_U

ClientSampleId :

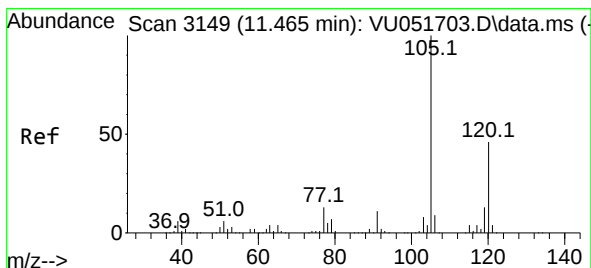
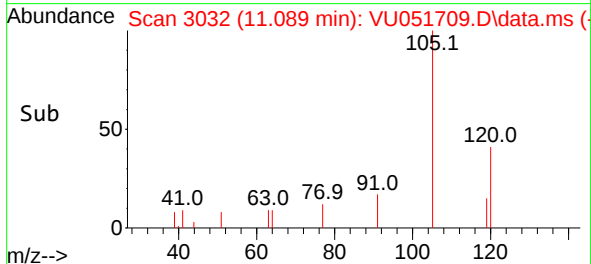
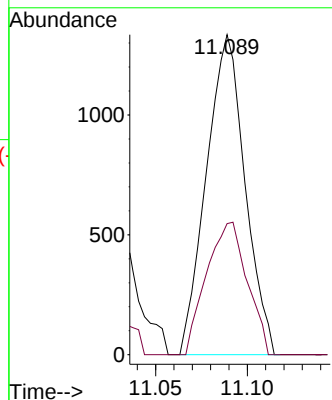
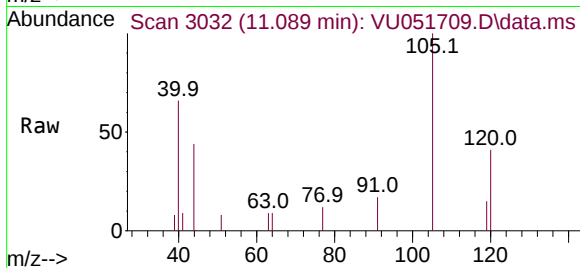
BHAB4

Tgt Ion:105 Resp: 1954

Ion Ratio Lower Upper

105 100

120 43.7 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 0.130 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VU051709.D

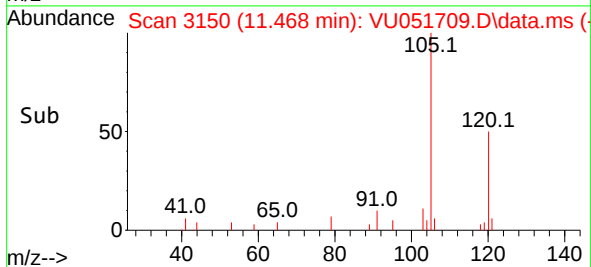
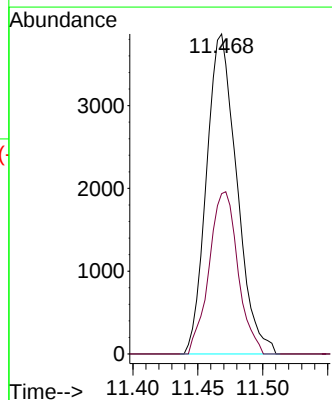
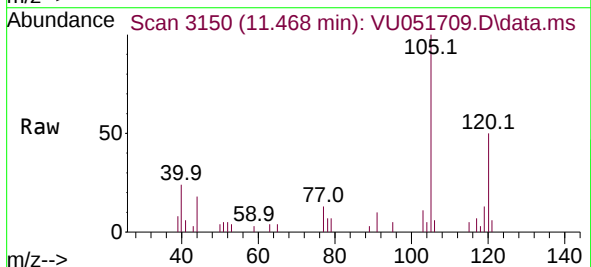
Acq: 02 Nov 2022 23:19

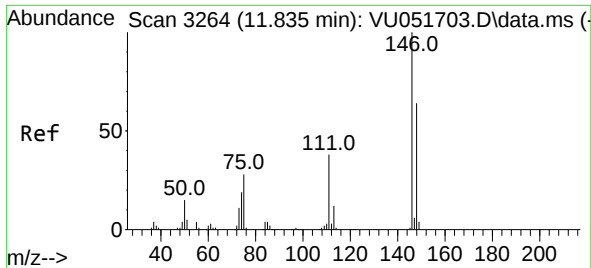
Tgt Ion:105 Resp: 6274

Ion Ratio Lower Upper

105 100

120 48.2 35.8 53.6

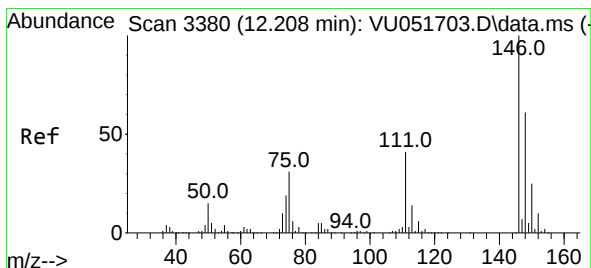
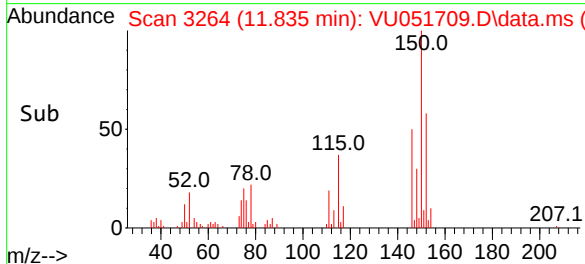
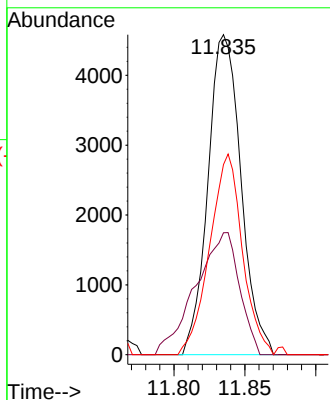
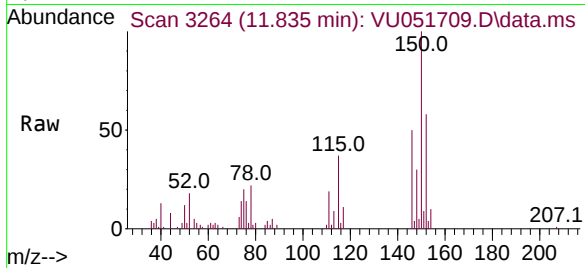




#65
1,4-Dichlorobenzene
Concen: 0.240 ug/L
RT: 11.835 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051709.D
Acq: 02 Nov 2022 23:19

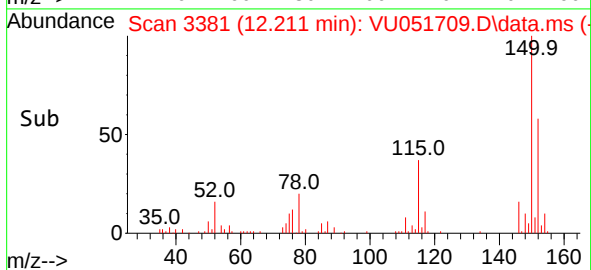
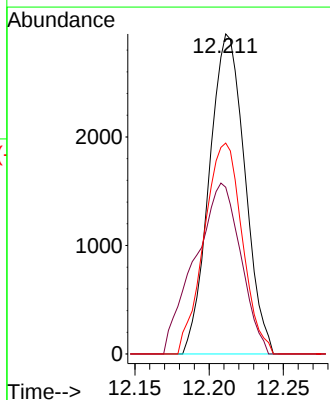
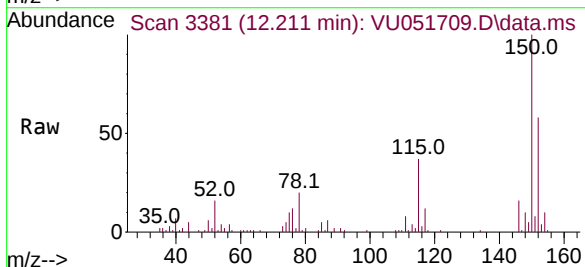
Instrument :
MSVOA_U
ClientSampleId :
BHAB4

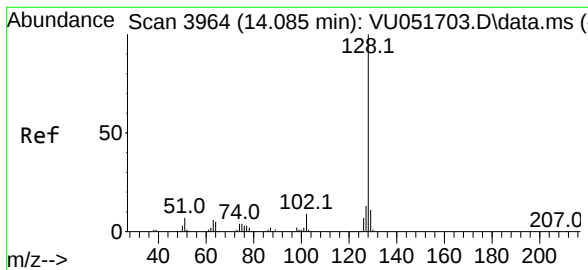
Tgt Ion:146 Resp: 7434
Ion Ratio Lower Upper
146 100
111 38.1 26.7 49.5
148 59.4 43.5 80.9



#67
1,2-Dichlorobenzene
Concen: 0.163 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU051709.D
Acq: 02 Nov 2022 23:19

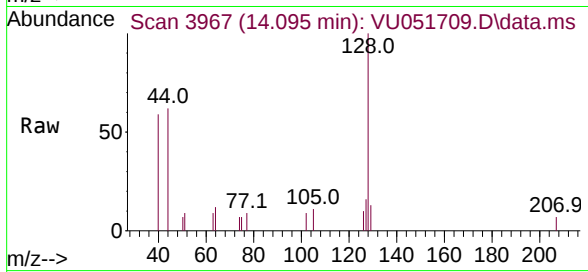
Tgt Ion:146 Resp: 4903
Ion Ratio Lower Upper
146 100
111 52.1 34.2 51.2#
148 65.9 50.1 75.1





#71
 Naphthalene
 Concen: 0.112 ug/L
 RT: 14.095 min Scan# 3967
 Delta R.T. 0.010 min
 Lab File: VU051709.D
 Acq: 02 Nov 2022 23:19

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAB4



Tgt Ion:	128	Resp:	3528
Ion	Ratio	Lower	Upper
128	100		
129	9.4	8.4	12.6
127	9.7	10.3	15.5#

