

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
 Data File : VU051525.D
 Acq On : 27 Oct 2022 01:16
 Operator : JC/MD
 Sample : N5300-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA91

Quant Time: Oct 27 08:26:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 08:11:03 2022
 Response via : Initial Calibration

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

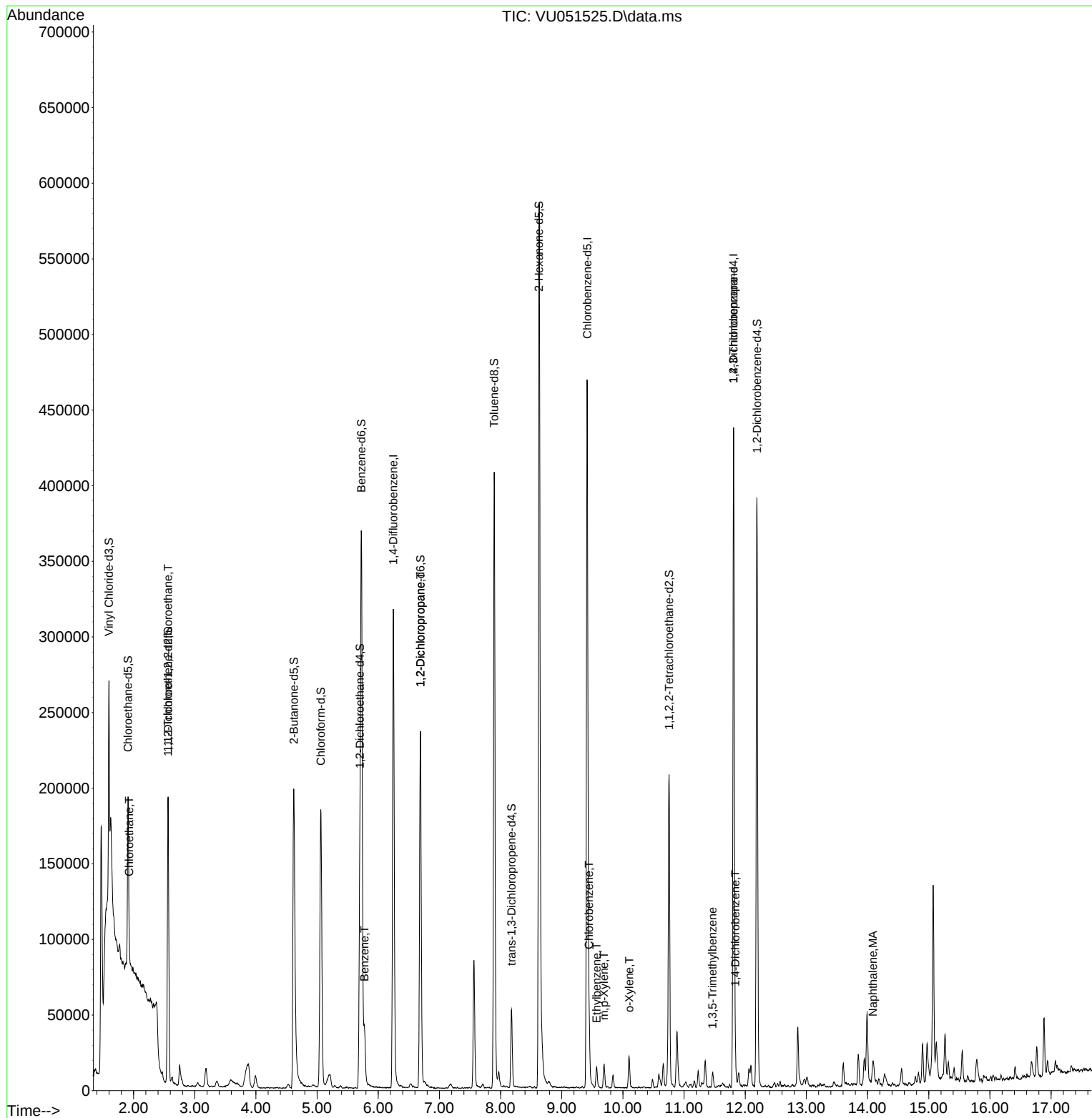
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	263266	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	273427	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	119201	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	97472	4.590	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.909	69	88360	4.843	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.565	65	37049	4.413	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.620	46	274607	58.733	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.460%
24) Chloroform-d	5.060	84	175820	4.441	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.700	65	94601	4.633	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.726	84	355900	4.732	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.690	67	118900	4.654	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.896	98	277736	4.127	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	8.179	79	29604	3.527	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.600%
46) 2-Hexanone-d5	8.629	63	203317	71.878	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	143.760%#
56) 1,1,2,2-Tetrachloroeth...	10.755	84	104648	5.128	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	104861	5.061	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						Qvalue
8) Chloroethane	1.925	64	2626	0.139	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1010	0.049	ug/L #	21
33) Benzene	5.774	78	35763	0.392	ug/L	100
37) 1,2-Dichloropropane	6.690	63	11411	0.456	ug/L #	88
51) Chlorobenzene	9.446	112	23282	0.402	ug/L	98
52) Ethylbenzene	9.571	91	10028	0.115	ug/L	99
53) m,p-Xylene	9.690	106	4488	0.133	ug/L	99
54) o-Xylene	10.102	106	5605	0.175	ug/L	94
61) 1,2,3-Trichloropropane	11.809	75	15997	1.063	ug/L #	72
62) 1,3,5-Trimethylbenzene	11.465	105	5557	0.277	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	4984	0.135	ug/L	98
71) Naphthalene	14.089	128	13216	0.389	ug/L #	95

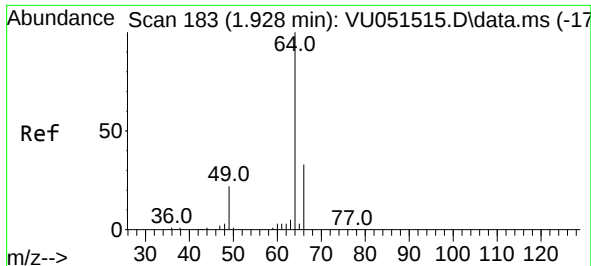
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
Data File : VU051525.D
Acq On : 27 Oct 2022 01:16
Operator : JC/MD
Sample : N5300-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA91

Quant Time: Oct 27 08:26:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 27 08:11:03 2022
Response via : Initial Calibration

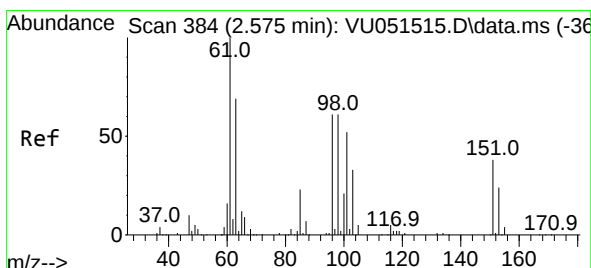
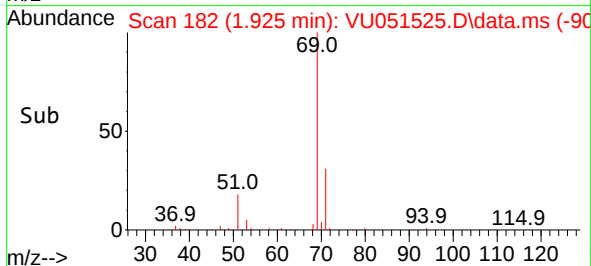
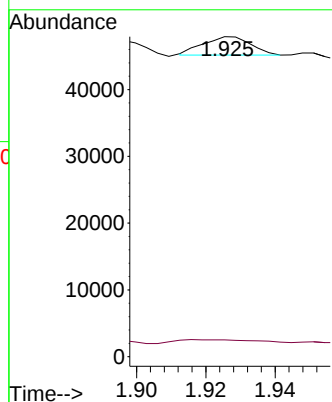
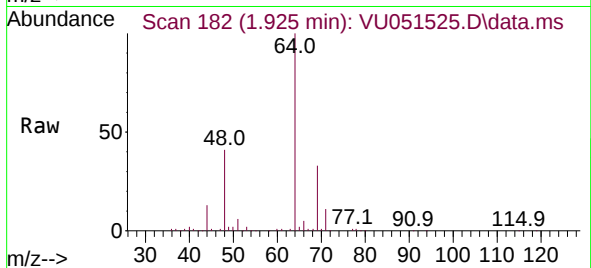




#8
Chloroethane
Concen: 0.139 ug/L
RT: 1.925 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU051525.D
Acq: 27 Oct 2022 01:16

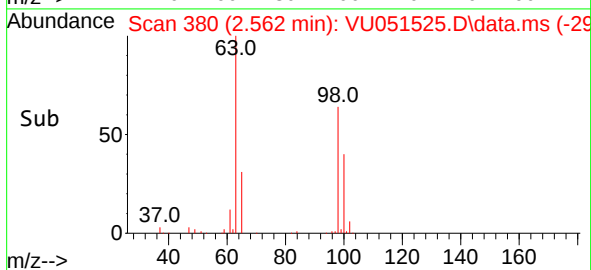
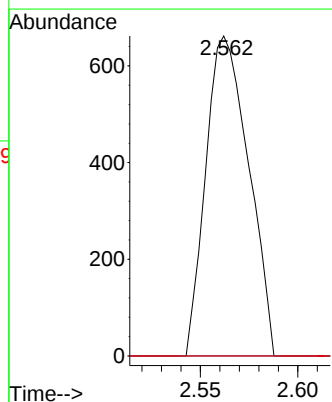
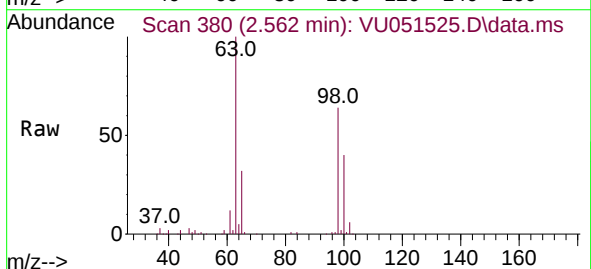
Instrument :
MSVOA_U
ClientSampleId :
BHA91

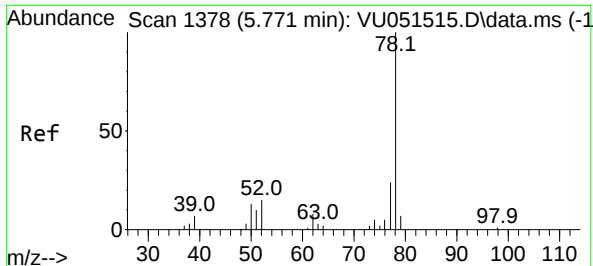
Tgt Ion: 64 Resp: 2626
Ion Ratio Lower Upper
64 100
66 5.3 22.3 41.3#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.049 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU051525.D
Acq: 27 Oct 2022 01:16

Tgt Ion: 101 Resp: 1010
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.5 84.7#

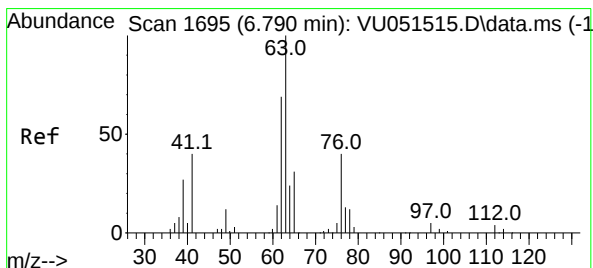
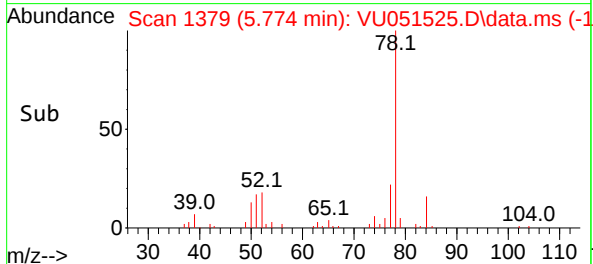
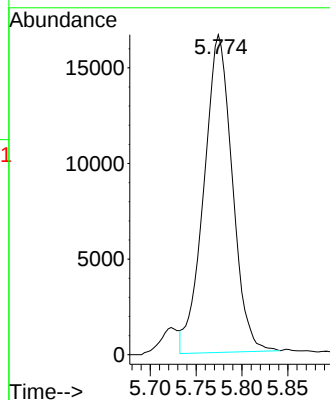
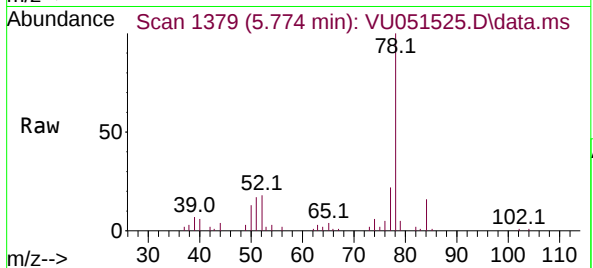




#33
Benzene
Concen: 0.392 ug/L
RT: 5.774 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051525.D
Acq: 27 Oct 2022 01:16

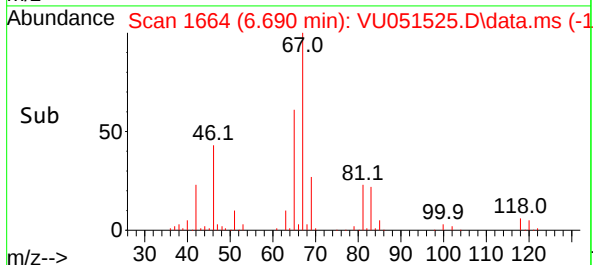
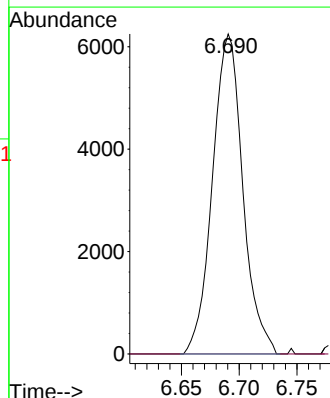
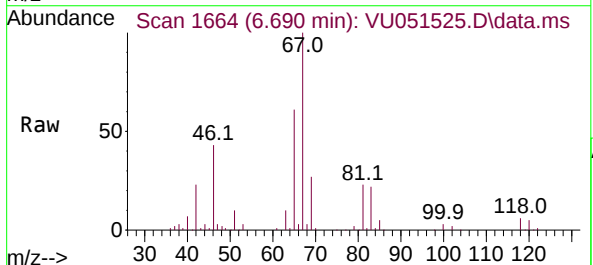
Instrument :
MSVOA_U
ClientSampleId :
BHA91

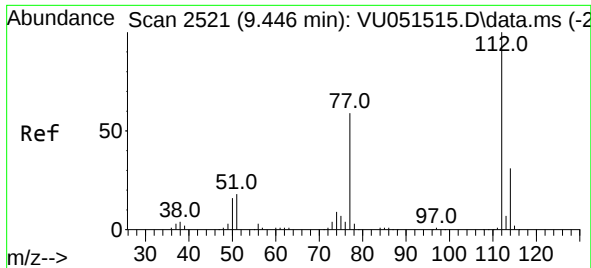
Tgt Ion: 78 Resp: 35763



#37
1,2-Dichloropropane
Concen: 0.456 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU051525.D
Acq: 27 Oct 2022 01:16

Tgt Ion: 63 Resp: 11411
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

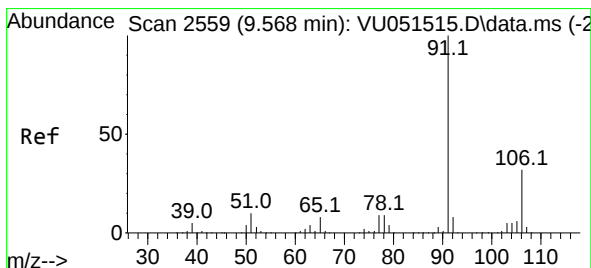
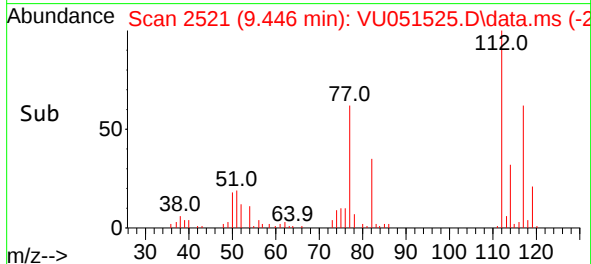
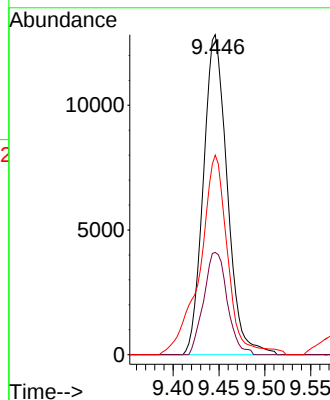
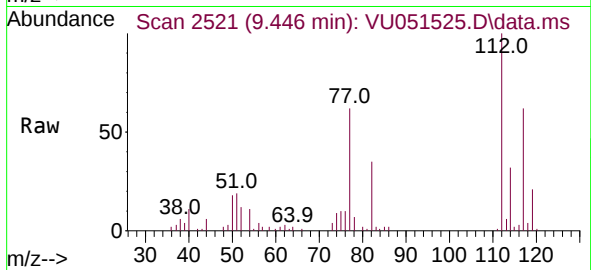




#51
Chlorobenzene
Concen: 0.402 ug/L
RT: 9.446 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051525.D
Acq: 27 Oct 2022 01:16

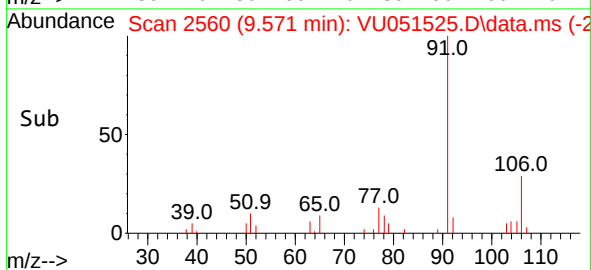
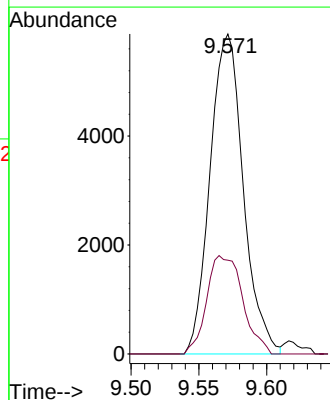
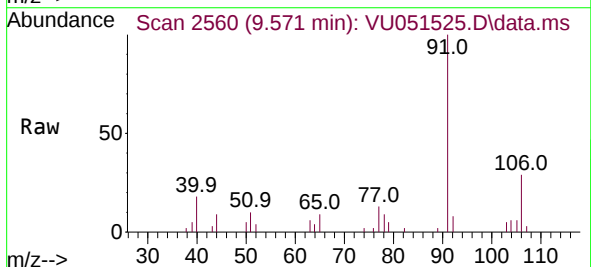
Instrument :
MSVOA_U
ClientSampleId :
BHA91

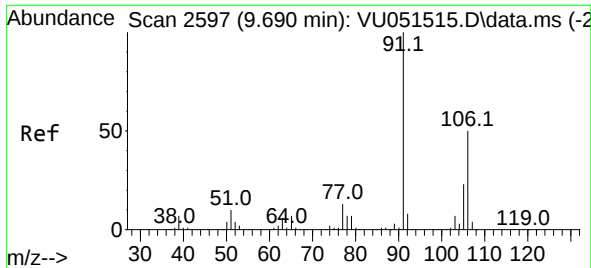
Tgt Ion:112 Resp: 23282
Ion Ratio Lower Upper
112 100
114 31.9 22.3 41.5
77 62.3 48.1 72.1



#52
Ethylbenzene
Concen: 0.115 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU051525.D
Acq: 27 Oct 2022 01:16

Tgt Ion: 91 Resp: 10028
Ion Ratio Lower Upper
91 100
106 29.3 20.9 38.7

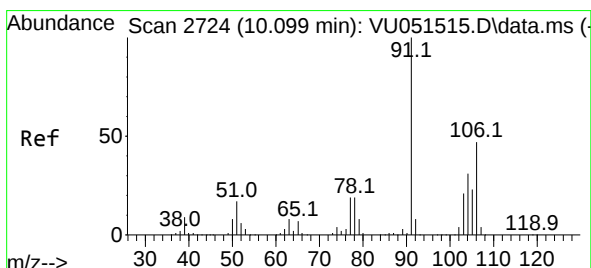
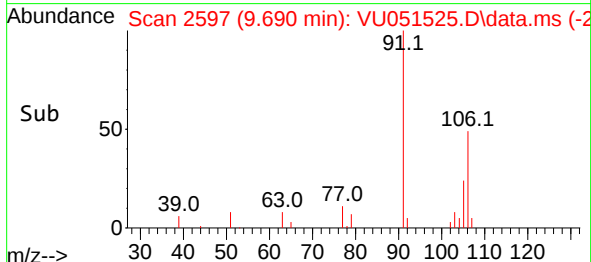
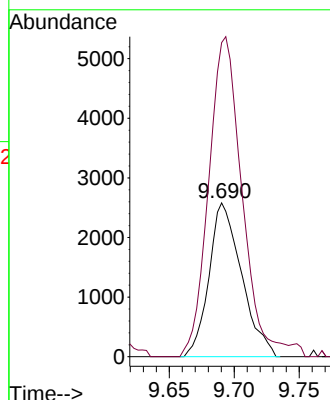
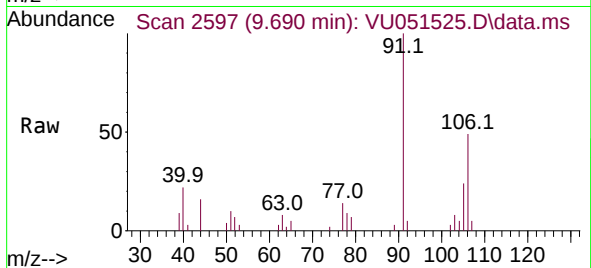




#53
m,p-Xylene
Concen: 0.133 ug/L
RT: 9.690 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051525.D
Acq: 27 Oct 2022 01:16

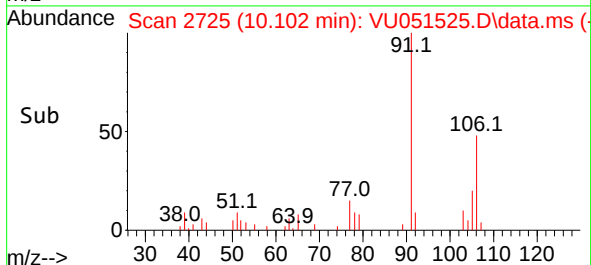
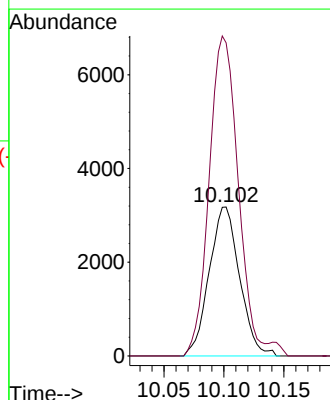
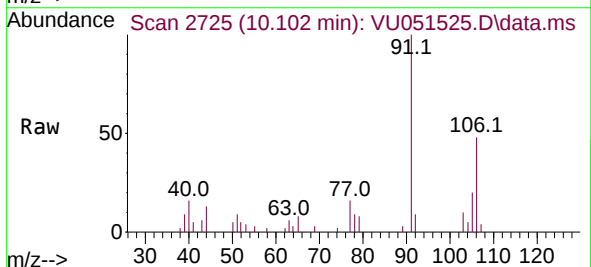
Instrument :
MSVOA_U
ClientSampleId :
BHA91

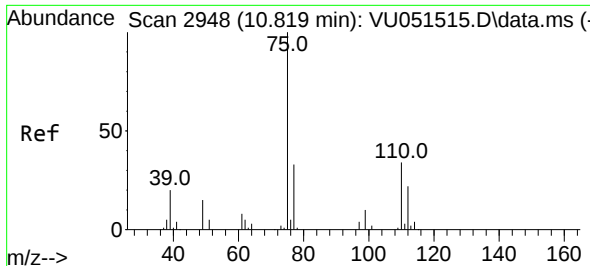
Tgt Ion:106 Resp: 4488
Ion Ratio Lower Upper
106 100
91 204.4 143.9 267.3



#54
o-Xylene
Concen: 0.175 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU051525.D
Acq: 27 Oct 2022 01:16

Tgt Ion:106 Resp: 5605
Ion Ratio Lower Upper
106 100
91 210.3 154.4 286.8

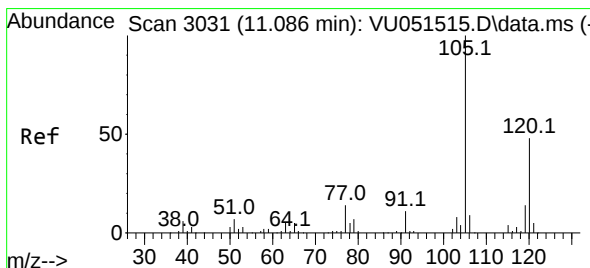
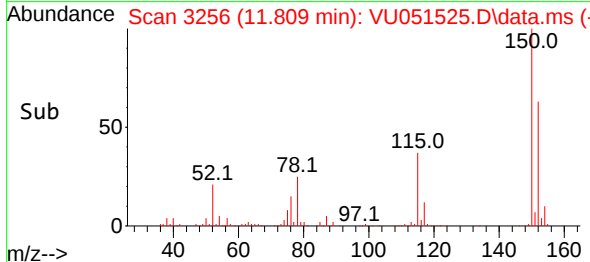
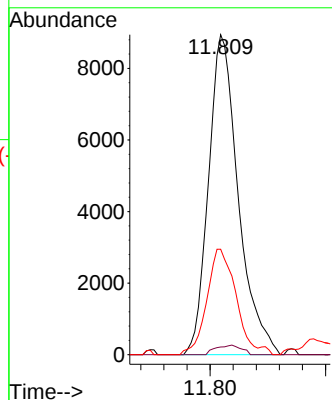
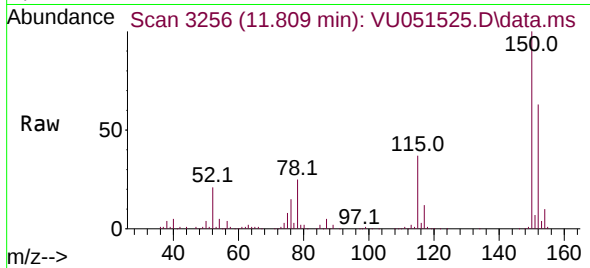




#61
1,2,3-Trichloropropane
Concen: 1.063 ug/L
RT: 11.809 min Scan# 3149
Delta R.T. 0.990 min
Lab File: VU051525.D
Acq: 27 Oct 2022 01:16

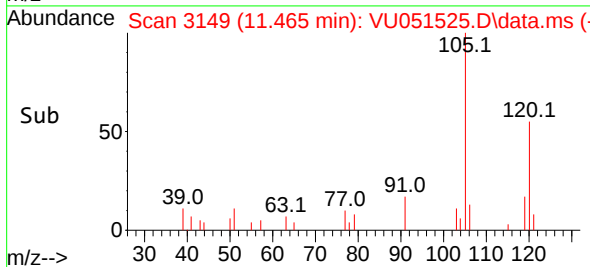
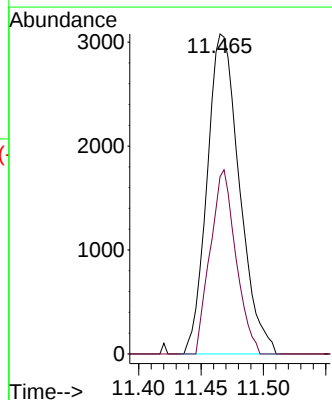
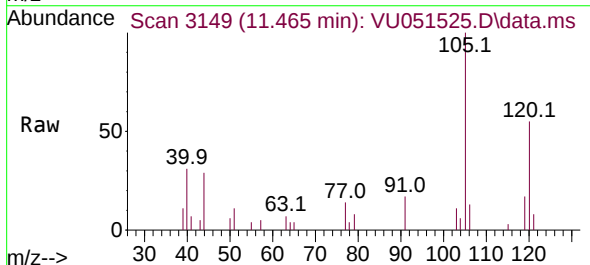
Instrument :
MSVOA_U
ClientSampleId :
BHA91

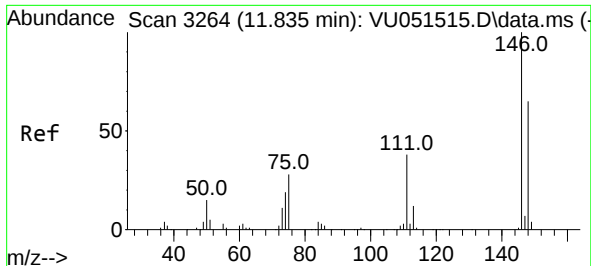
Tgt Ion: 75 Resp: 15997
Ion Ratio Lower Upper
75 100
110 2.6 27.0 40.6#
77 32.5 26.4 39.6



#62
1,3,5-Trimethylbenzene
Concen: 0.277 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. 0.380 min
Lab File: VU051525.D
Acq: 27 Oct 2022 01:16

Tgt Ion: 105 Resp: 5557
Ion Ratio Lower Upper
105 100
120 45.5 37.7 56.5

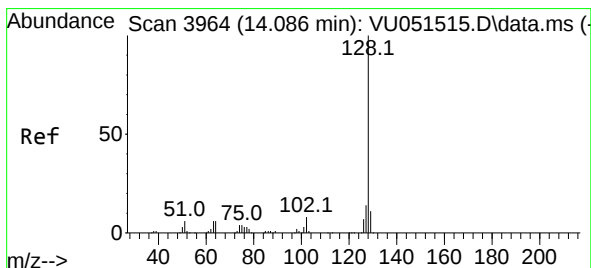
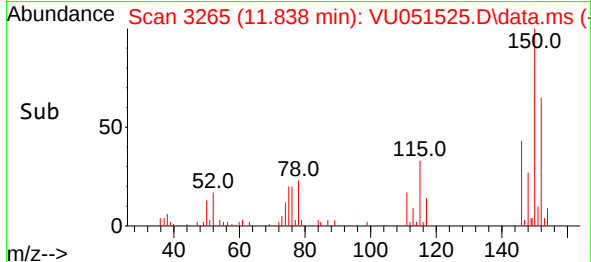
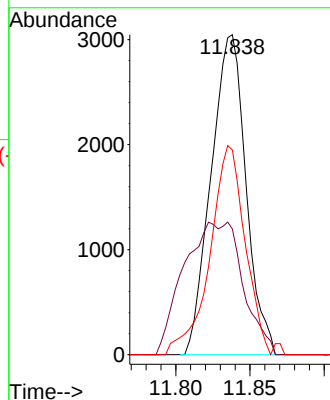
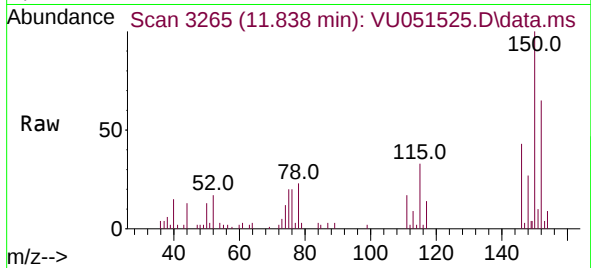




#65
1,4-Dichlorobenzene
Concen: 0.135 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU051525.D
Acq: 27 Oct 2022 01:16

Instrument :
MSVOA_U
ClientSampleId :
BHA91

Tgt Ion:146 Resp: 4984
Ion Ratio Lower Upper
146 100
111 39.3 29.1 54.1
148 64.0 44.2 82.0



#71
Naphthalene
Concen: 0.389 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU051525.D
Acq: 27 Oct 2022 01:16

Tgt Ion:128 Resp: 13216
Ion Ratio Lower Upper
128 100
129 9.6 8.5 12.7
127 11.1 11.1 16.7#

