

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
 Data File : VU051506.D
 Acq On : 26 Oct 2022 16:52
 Operator : JC/MD
 Sample : N5270-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA93

Quant Time: Oct 27 05:36:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 05:28:43 2022
 Response via : Initial Calibration

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

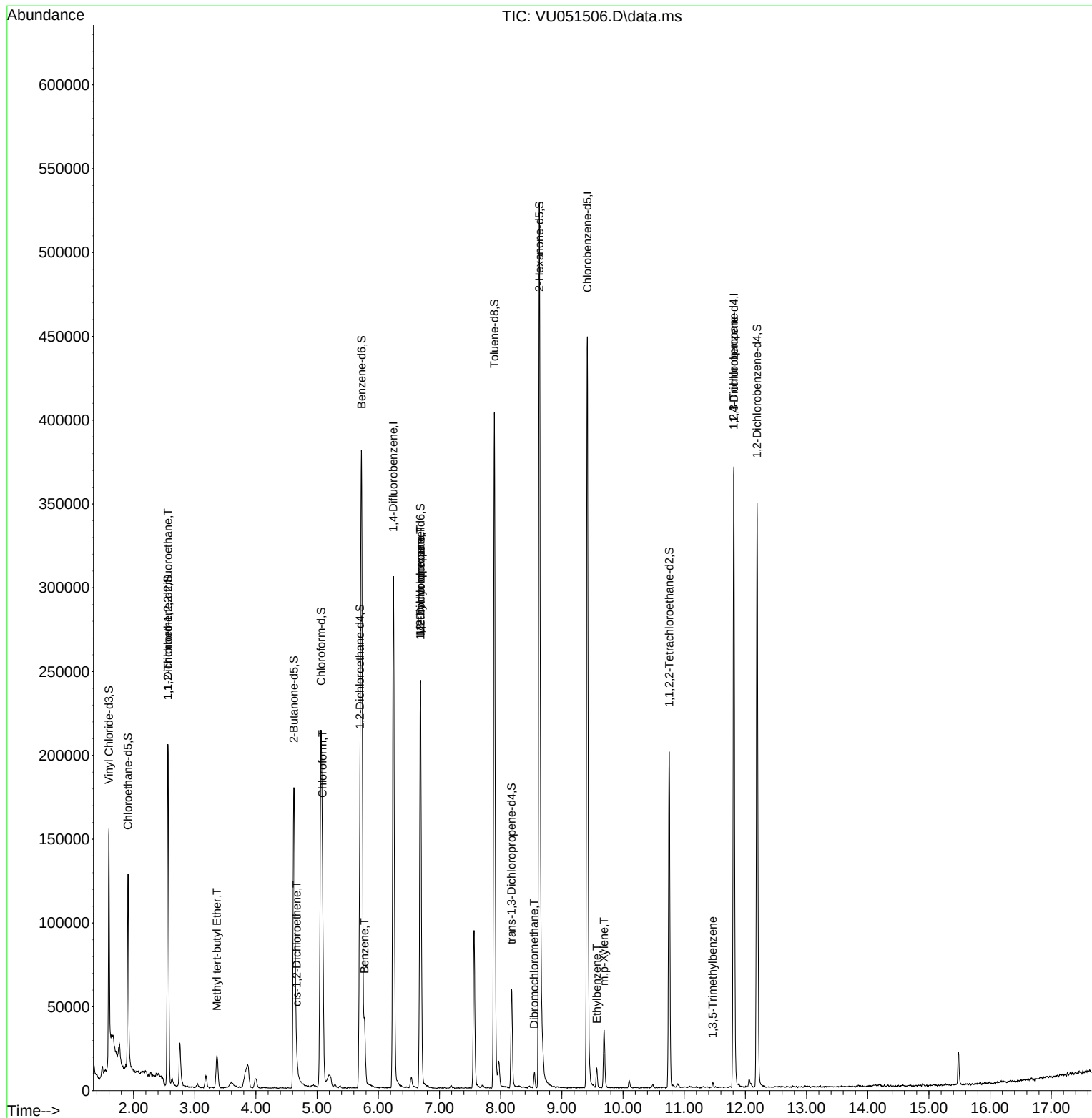
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	250723	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	261183	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	101728	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	101382	5.013	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.200%
7) Chloroethane-d5	1.909	69	93572	5.385	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.600%
11) 1,1-Dichloroethene-d2	2.562	65	38436	4.808	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.200%
20) 2-Butanone-d5	4.620	46	252994	56.818	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.640%
24) Chloroform-d	5.064	84	182164	4.831	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.700	65	98284	5.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.726	84	369433	5.142	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	6.690	67	121799	4.991	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.896	98	287023	4.465	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	8.179	79	35012	4.367	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.633	63	180550	66.822	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	133.640%#
56) 1,1,2,2-Tetrachloroeth...	10.755	84	101948	5.230	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	94996	5.373	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.400%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1323	0.068	ug/L #	21
17) Methyl tert-butyl Ether	3.363	73	20039	0.478	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	1221	0.057	ug/L	96
25) Chloroform	5.086	83	90798	2.190	ug/L	100
33) Benzene	5.774	78	38171	0.438	ug/L	100
35) Methylcyclohexane	6.690	83	27776	1.012	ug/L #	17
37) 1,2-Dichloropropane	6.687	63	12408	0.519	ug/L #	88
49) Dibromochloromethane	8.549	129	1969	0.105	ug/L #	11
52) Ethylbenzene	9.571	91	8567	0.103	ug/L	97
53) m,p-Xylene	9.690	106	10583	0.328	ug/L	94
61) 1,2,3-Trichloropropane	11.809	75	12723	0.990	ug/L #	68
62) 1,3,5-Trimethylbenzene	11.468	105	1846	0.108	ug/L	97

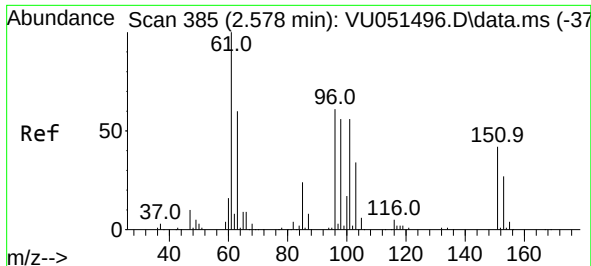
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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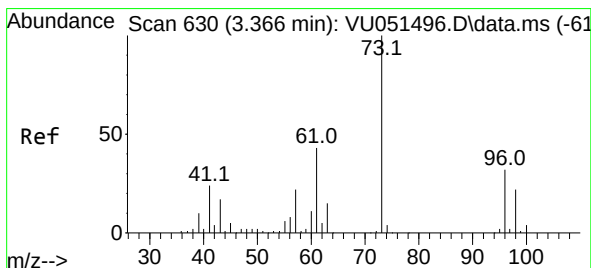
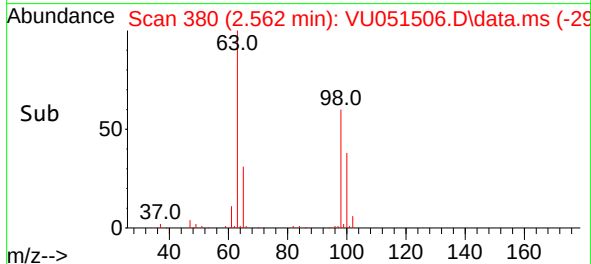
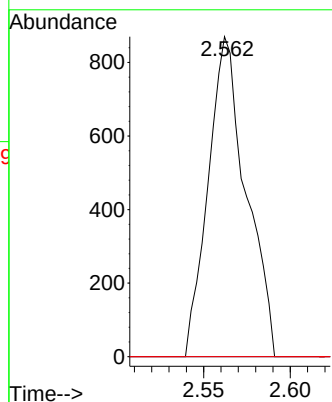
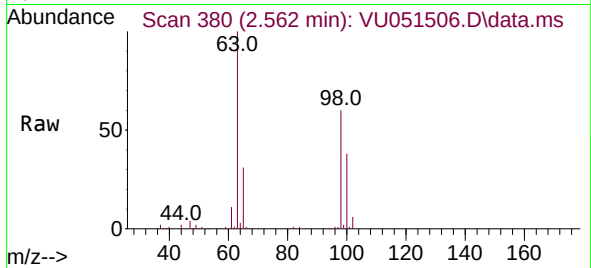




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.068 ug/L
 RT: 2.562 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: VU051506.D
 Acq: 26 Oct 2022 16:52

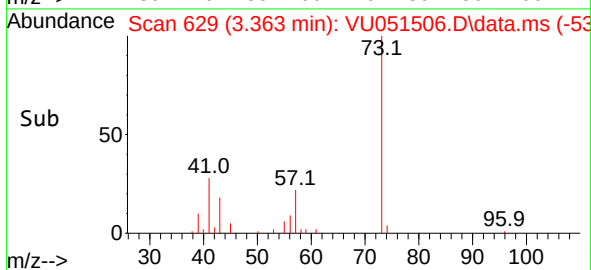
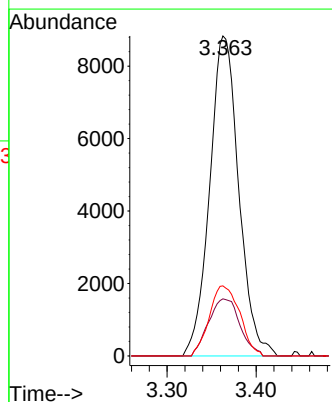
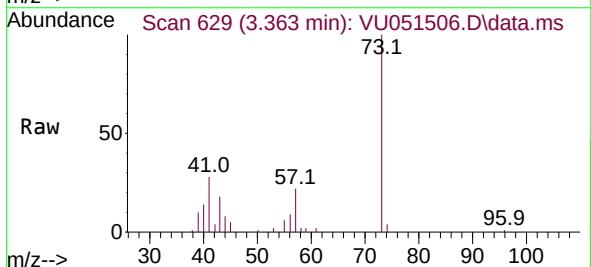
Instrument :
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 ClientSampleId :
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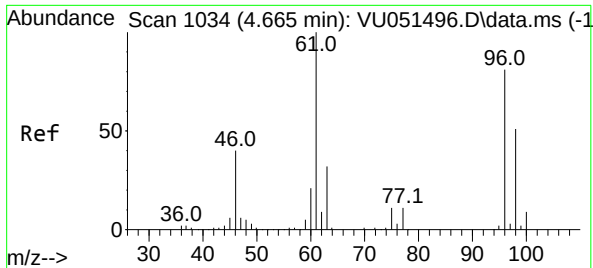
Tgt Ion:101 Resp: 1323
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.5 84.7#



#17
 Methyl tert-butyl Ether
 Concen: 0.478 ug/L
 RT: 3.363 min Scan# 629
 Delta R.T. -0.003 min
 Lab File: VU051506.D
 Acq: 26 Oct 2022 16:52

Tgt Ion: 73 Resp: 20039
 Ion Ratio Lower Upper
 73 100
 43 19.3 15.4 23.0
 57 22.9 18.9 28.3

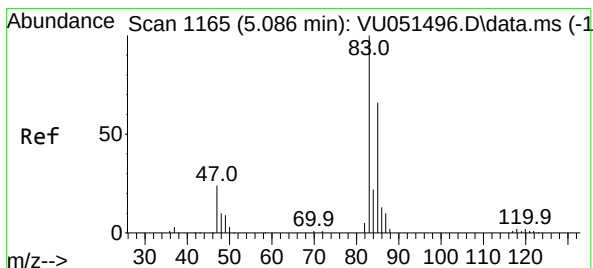
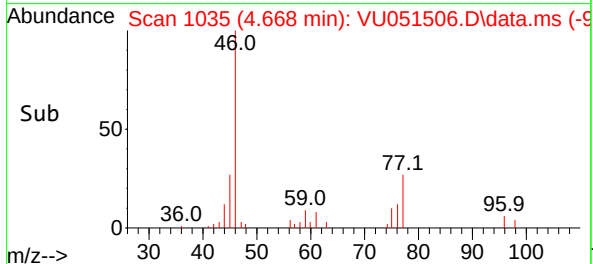
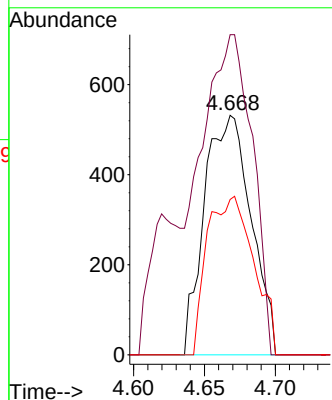
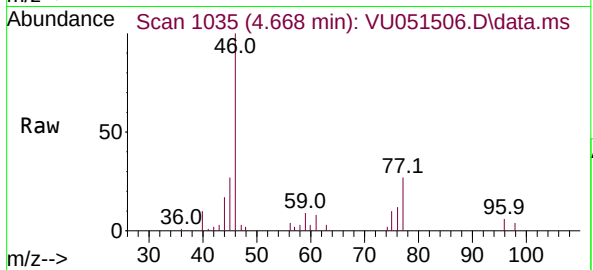




#22
 cis-1,2-Dichloroethene
 Concen: 0.057 ug/L
 RT: 4.668 min Scan# 1034
 Delta R.T. 0.003 min
 Lab File: VU051506.D
 Acq: 26 Oct 2022 16:52

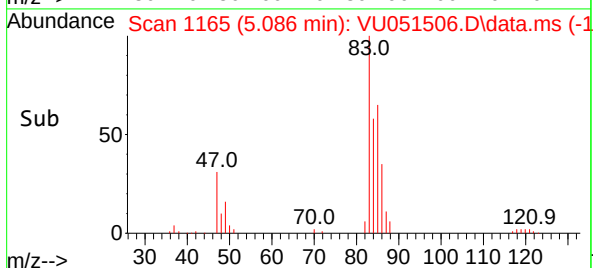
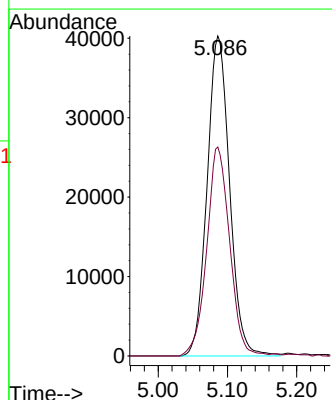
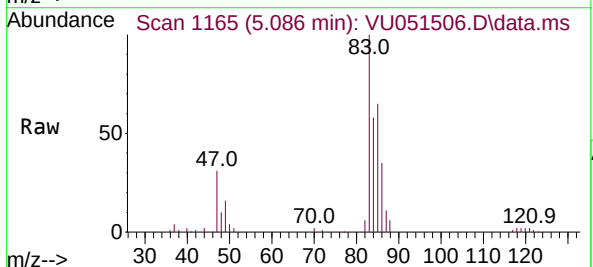
Instrument :
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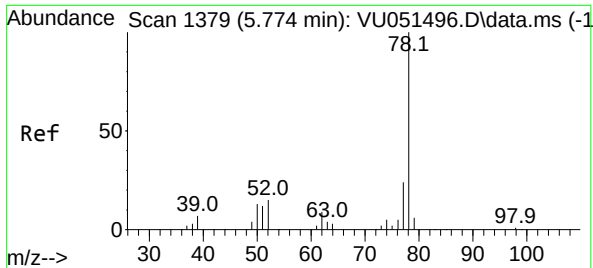
Tgt Ion: 96 Resp: 1221
 Ion Ratio Lower Upper
 96 100
 61 133.6 90.6 168.2
 98 64.8 47.5 88.3



#25
 Chloroform
 Concen: 2.190 ug/L
 RT: 5.086 min Scan# 1165
 Delta R.T. -0.000 min
 Lab File: VU051506.D
 Acq: 26 Oct 2022 16:52

Tgt Ion: 83 Resp: 90798
 Ion Ratio Lower Upper
 83 100
 85 65.3 45.6 84.6

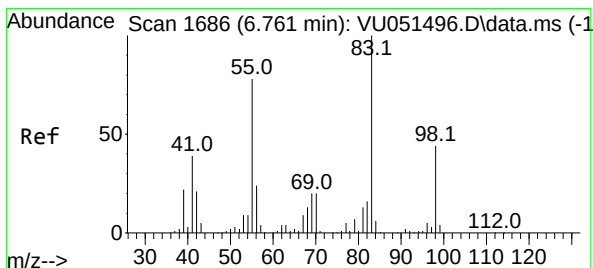
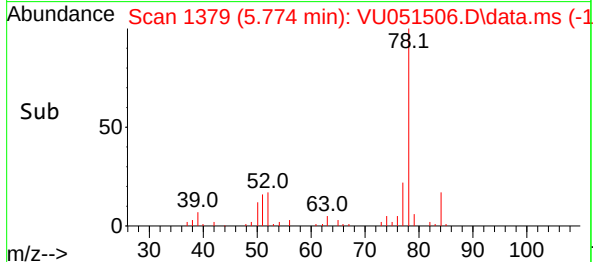
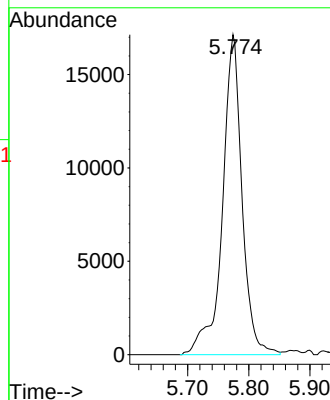
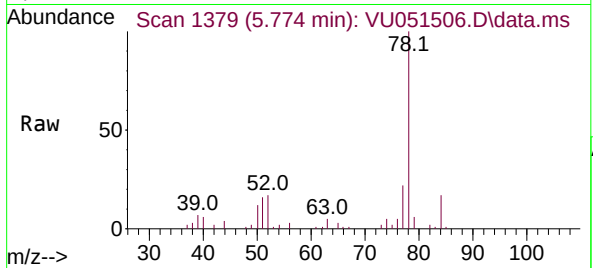




#33
Benzene
Concen: 0.438 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU051506.D
Acq: 26 Oct 2022 16:52

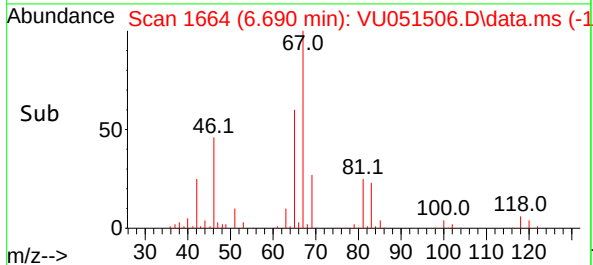
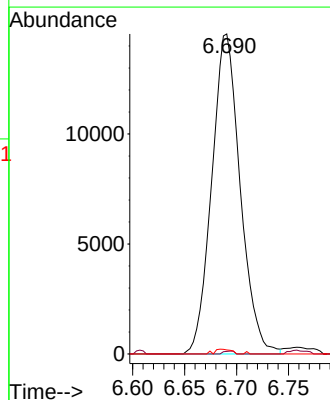
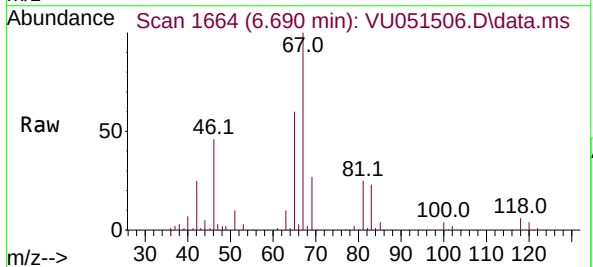
Instrument :
MSVOA_U
ClientSampleId :
BHA93

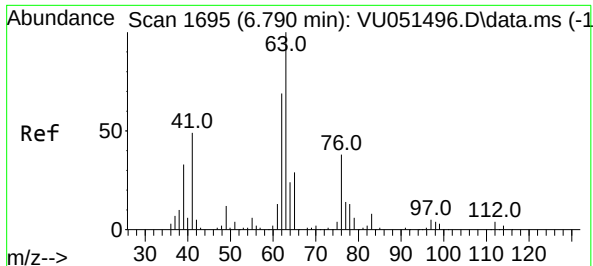
Tgt Ion: 78 Resp: 38171



#35
Methylcyclohexane
Concen: 1.012 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU051506.D
Acq: 26 Oct 2022 16:52

Tgt Ion: 83 Resp: 27776
Ion Ratio Lower Upper
83 100
55 0.3 65.8 98.6#
98 0.9 35.9 53.9#





#37

1,2-Dichloropropane

Concen: 0.519 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU051506.D

Acq: 26 Oct 2022 16:52

Instrument :

MSVOA_U

ClientSampleId :

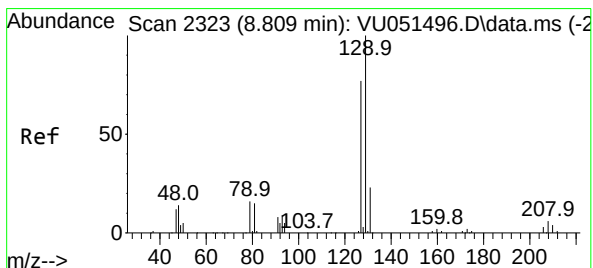
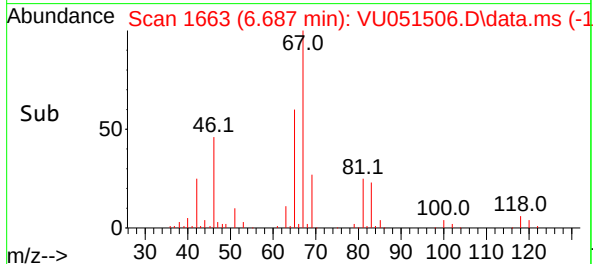
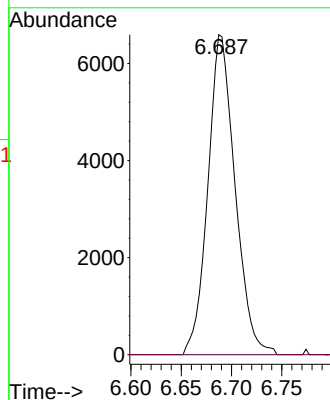
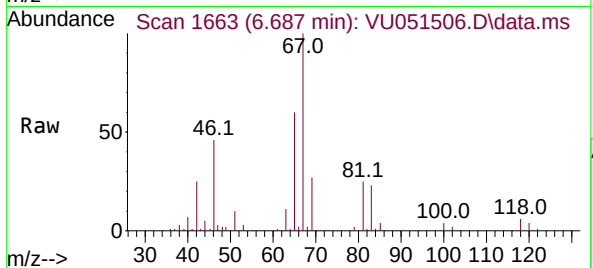
BHA93

Tgt Ion: 63 Resp: 12408

Ion Ratio Lower Upper

63 100

112 0.2 3.2 4.8#



#49

Dibromochloromethane

Concen: 0.105 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. -0.260 min

Lab File: VU051506.D

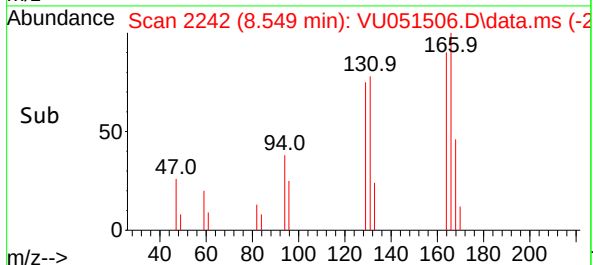
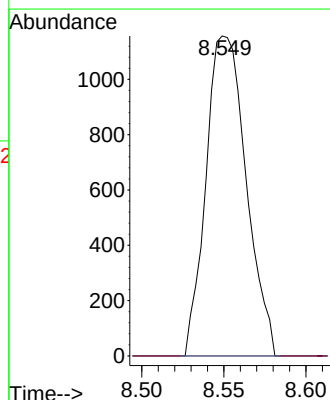
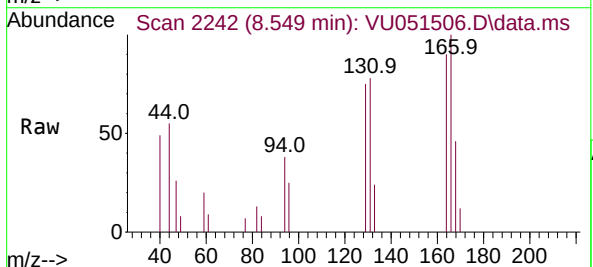
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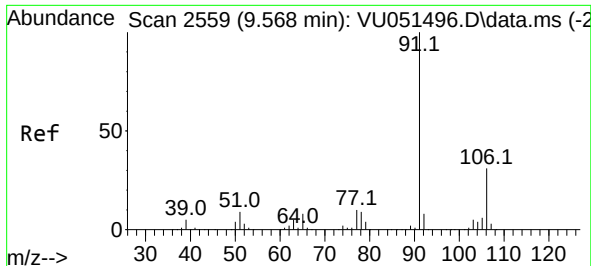
Tgt Ion: 129 Resp: 1969

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#

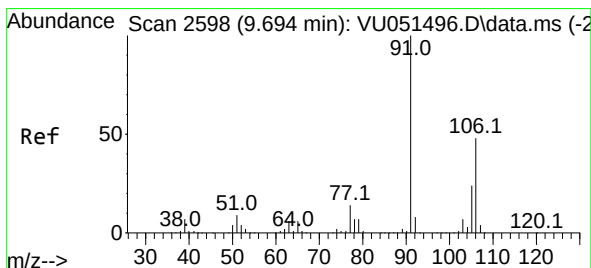
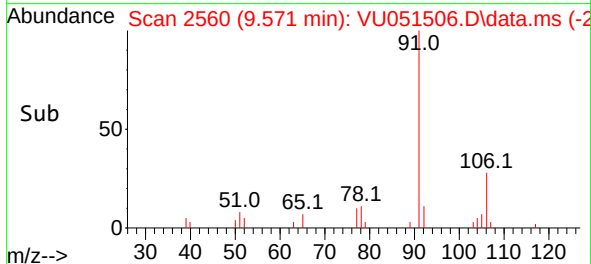
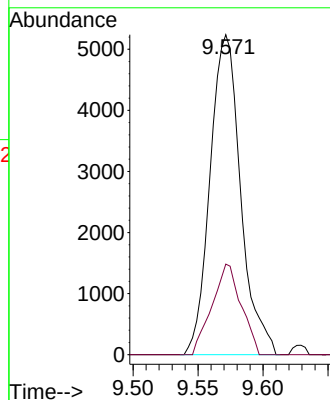
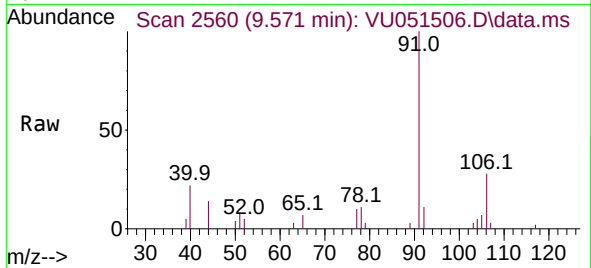




#52
Ethylbenzene
Concen: 0.103 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU051506.D
Acq: 26 Oct 2022 16:52

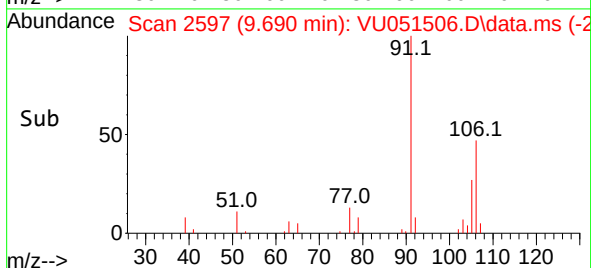
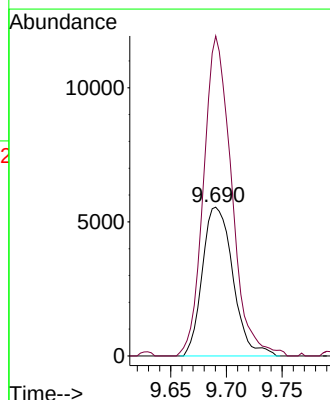
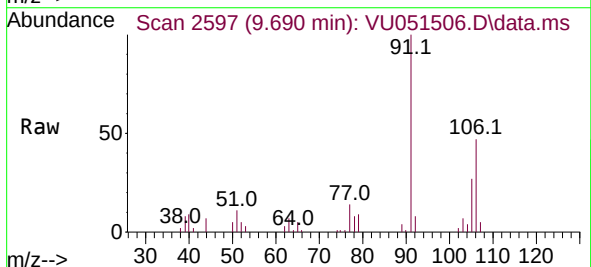
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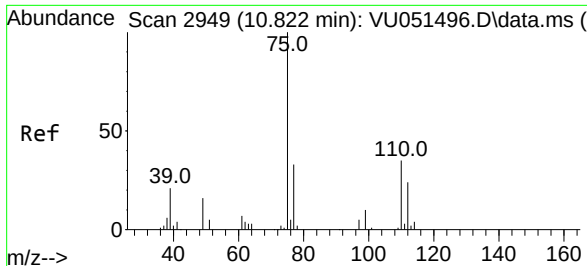
Tgt Ion: 91 Resp: 8567
Ion Ratio Lower Upper
91 100
106 28.3 20.9 38.7



#53
m,p-Xylene
Concen: 0.328 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU051506.D
Acq: 26 Oct 2022 16:52

Tgt Ion: 106 Resp: 10583
Ion Ratio Lower Upper
106 100
91 215.0 143.9 267.3

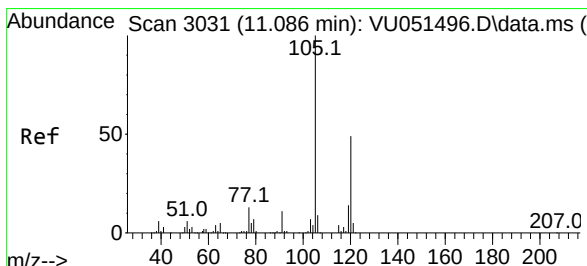
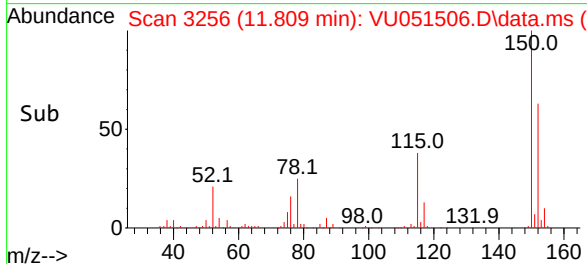
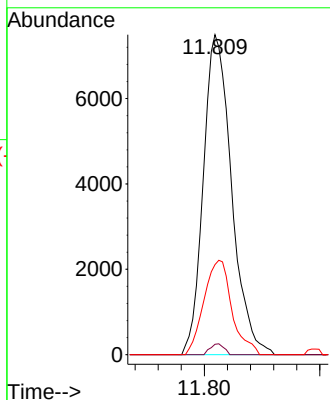
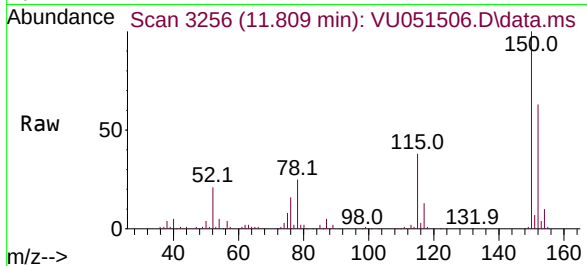




#61
1,2,3-Trichloropropane
Concen: 0.990 ug/L
RT: 11.809 min Scan# 3150
Delta R.T. 0.987 min
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Tgt Ion: 75 Resp: 12723
Ion Ratio Lower Upper
75 100
110 1.6 27.0 40.6#
77 29.2 26.4 39.6



#62
1,3,5-Trimethylbenzene
Concen: 0.108 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.383 min
Lab File: VU051506.D
Acq: 26 Oct 2022 16:52

Tgt Ion: 105 Resp: 1846
Ion Ratio Lower Upper
105 100
120 49.1 37.7 56.5

