

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045139.D
 Acq On : 05 Oct 2021 13:00
 Operator : SY/MD
 Sample : M4000-07DL 10X
 Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW902DL

Quant Time: Oct 06 01:44:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 06 01:40:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	284831	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	269901	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	136059	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	120008	38.488	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.980%
7) Chloroethane-d5	1.900	69	64235	25.997	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	52.000%#
11) 1,1-Dichloroethene-d2	2.565	63	171414	32.736	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.480%
21) 2-Butanone-d5	4.633	46	239378	97.108	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.110%
24) Chloroform-d	5.067	84	216641	43.991	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.980%
26) 1,2-Dichloroethane-d4	5.707	65	154630	46.355	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.720%
32) Benzene-d6	5.729	84	460018	49.118	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.240%
36) 1,2-Dichloropropane-d6	6.694	67	145922	47.784	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.560%
41) Toluene-d8	7.899	98	421995	52.213	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.420%
43) trans-1,3-Dichloroprop...	8.182	79	66896	49.246	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.500%
47) 2-Hexanone-d5	8.642	63	183469	108.413	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.410%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	241624	50.812	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.620%
66) 1,2-Dichlorobenzene-d4	12.195	152	157984	53.355	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.700%
Target Compounds						Qvalue
29) Cyclohexane	5.388	56	66674	16.434	ug/L	90
35) Methylcyclohexane	6.768	83	224936	55.878	ug/L	96
37) 1,2-Dichloropropane	6.694	63	16932	6.212	ug/L #	96
42) Toluene	7.973	91	10413	1.024	ug/L	94
44) trans-1,3-Dichloropropene	8.182	75	3064	0.826	ug/L #	49
45) 1,1,2-Trichloroethane	8.372	97	46619	18.874	ug/L #	19
48) 2-Hexanone	8.639	43	171329	42.435	ug/L #	28
52) Ethylbenzene	9.575	91	161268	15.009	ug/L	100
53) m,p-Xylene	9.693	106	193580	47.558	ug/L	100
54) o-xylene	10.102	106	7238	1.810	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.764	83	13635	2.883	ug/L #	65
61) Isopropylbenzene	10.488	105	63637	6.391	ug/L	97
62) 1,3,5-Trimethylbenzene	11.092	105	161816	19.459	ug/L	98
63) 1,2,4-Trimethylbenzene	11.472	105	334612	39.294	ug/L	100
68) 1,2-Dibromo-3-chloropr...	13.028	75	1463	1.353	ug/L #	20
71) Naphthalene	14.089	128	169975	18.483	ug/L	98

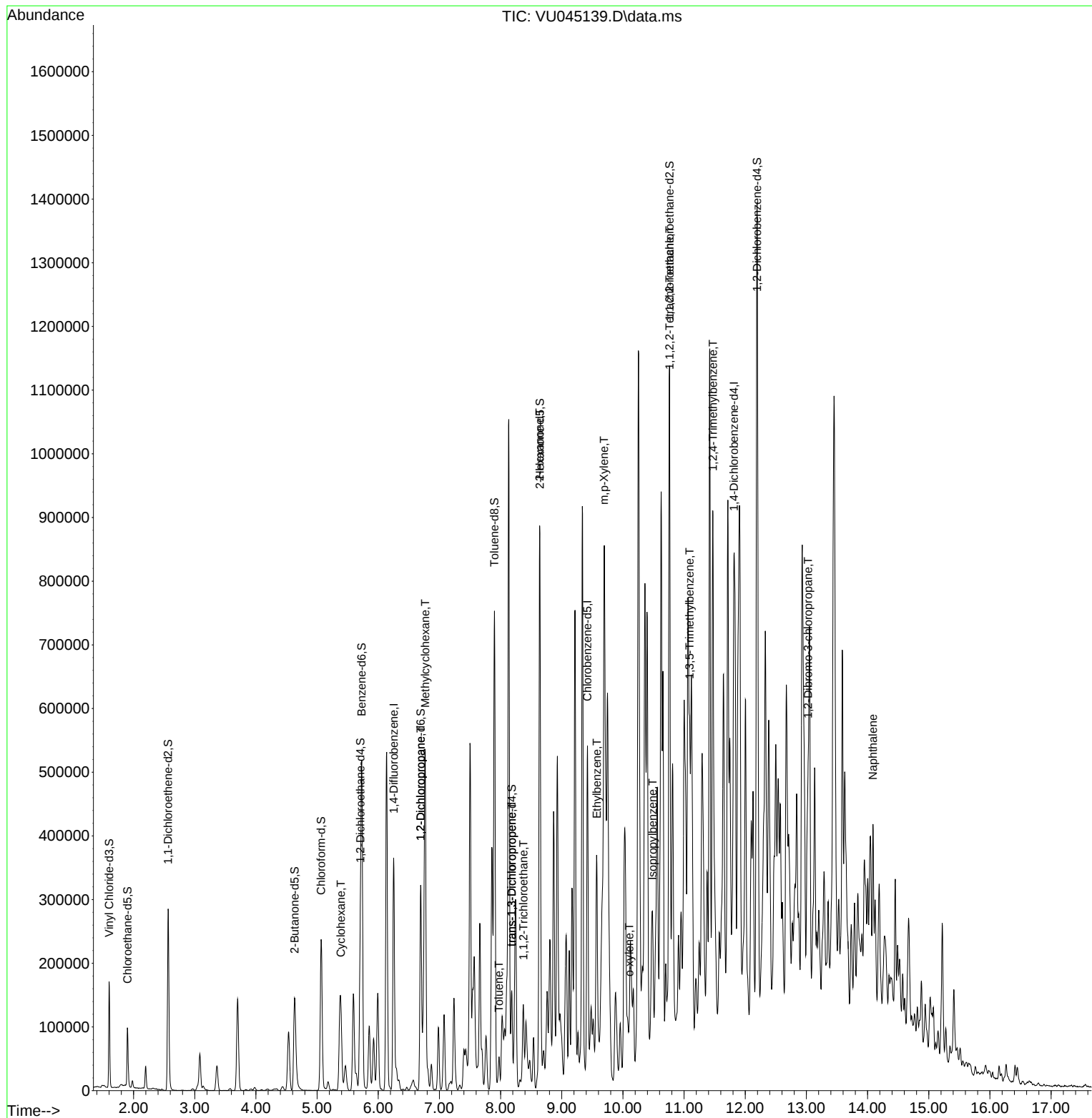
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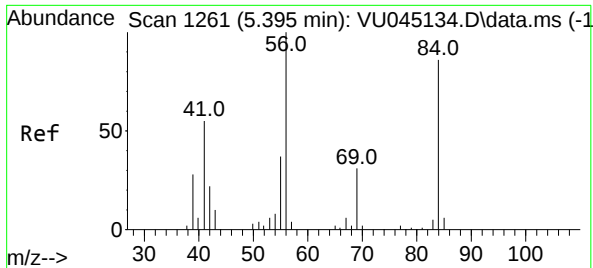
Instrument :
MSVOA_U
ClientSampleId :
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QLast Update : Wed Oct 06 01:40:56 2021
Response via : Initial Calibration

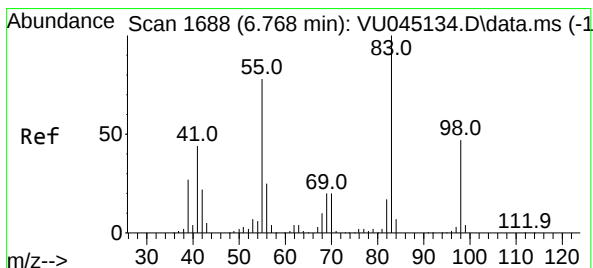
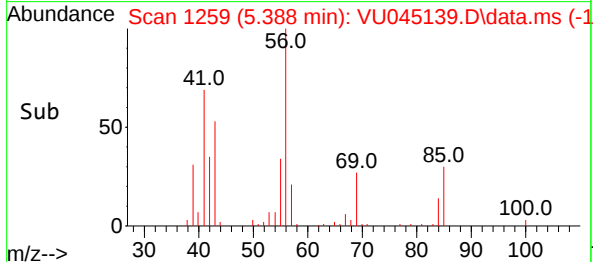
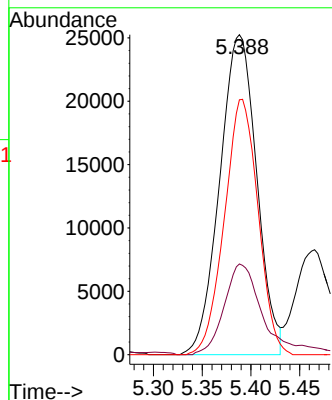
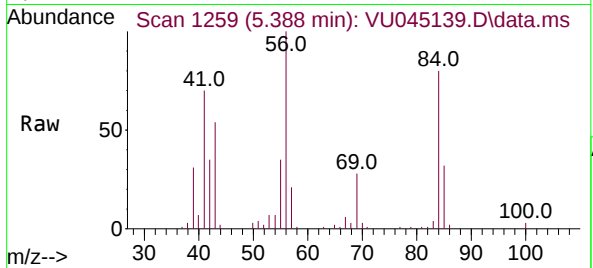




#29
Cyclohexane
Concen: 16.434 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VU045139.D
Acq: 05 Oct 2021 13:00

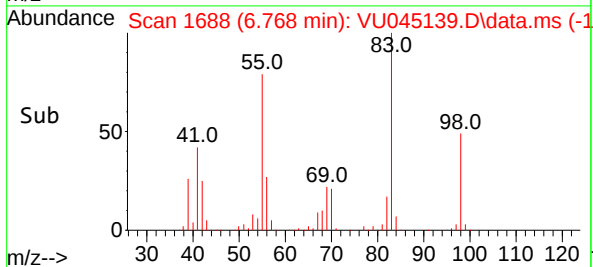
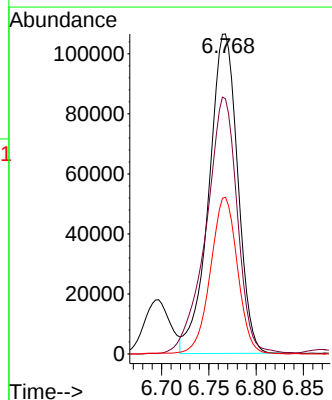
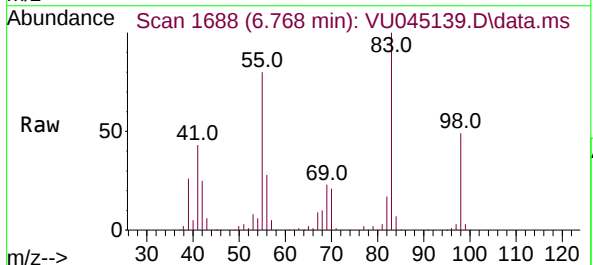
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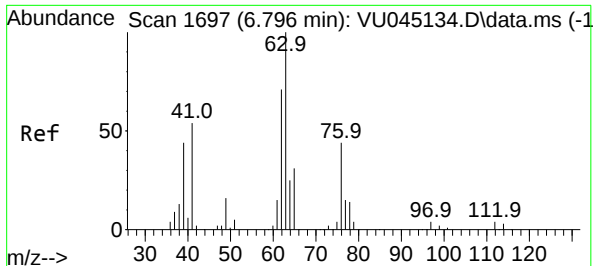
Tgt Ion: 56 Resp: 66674
Ion Ratio Lower Upper
56 100
69 28.2 23.8 35.8
84 72.8 66.8 100.2



#35
Methylcyclohexane
Concen: 55.878 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU045139.D
Acq: 05 Oct 2021 13:00

Tgt Ion: 83 Resp: 224936
Ion Ratio Lower Upper
83 100
55 87.7 65.8 98.6
98 46.3 37.1 55.7



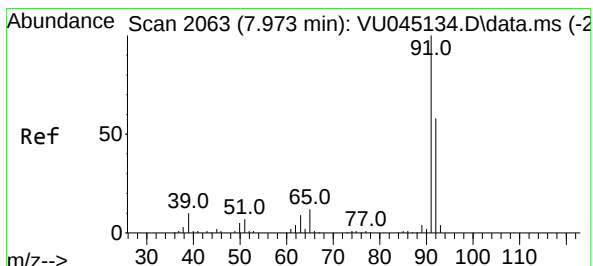
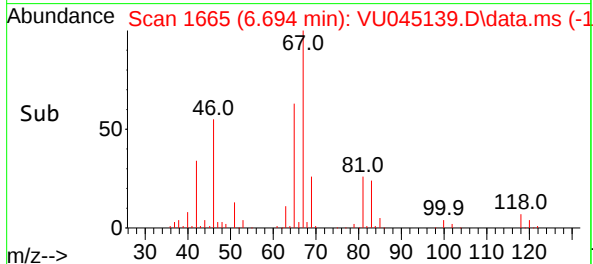
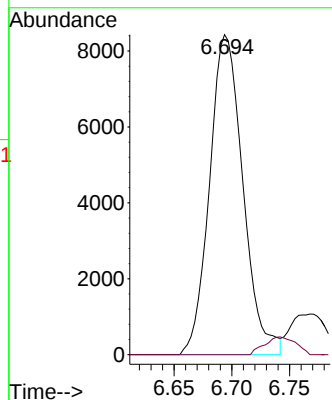
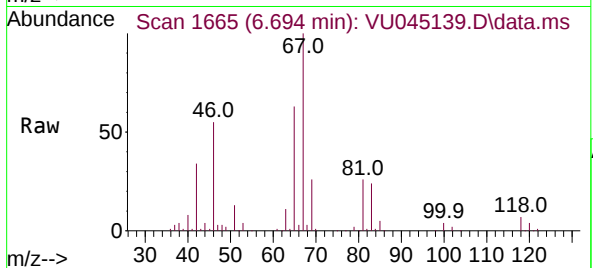


#37

1,2-Dichloropropane
Concen: 6.212 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045139.D
Acq: 05 Oct 2021 13:00

Instrument :
MSVOA_U
ClientSampled :
EW902DL

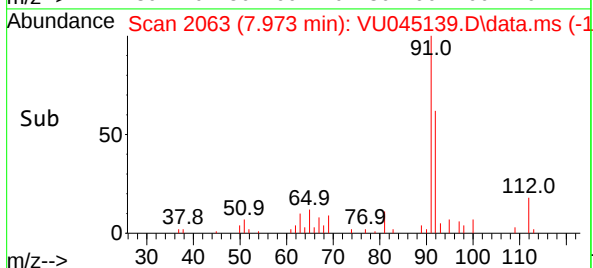
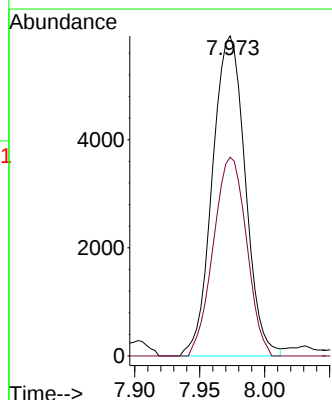
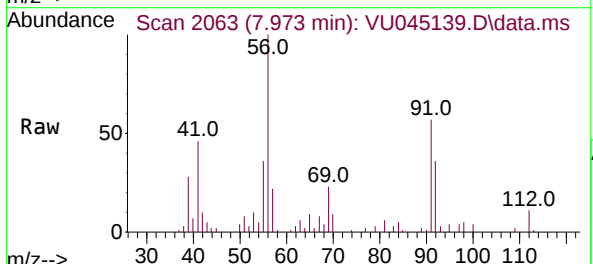
Tgt Ion: 63 Resp: 16932
Ion Ratio Lower Upper
63 100
112 5.2 3.2 4.8#

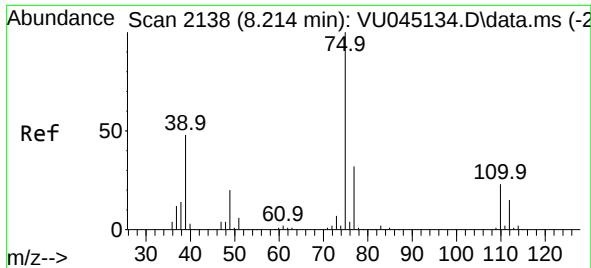


#42

Toluene
Concen: 1.024 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045139.D
Acq: 05 Oct 2021 13:00

Tgt Ion: 91 Resp: 10413
Ion Ratio Lower Upper
91 100
92 62.1 40.5 75.1

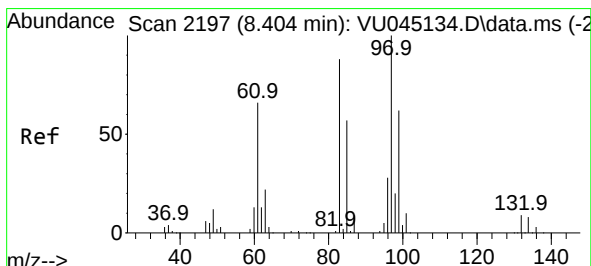
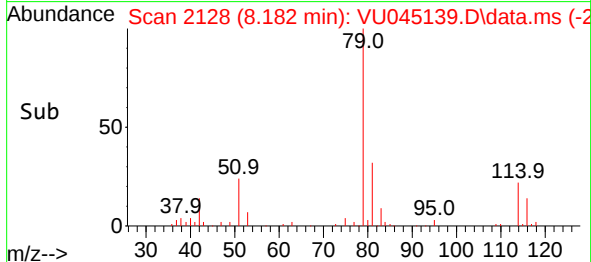
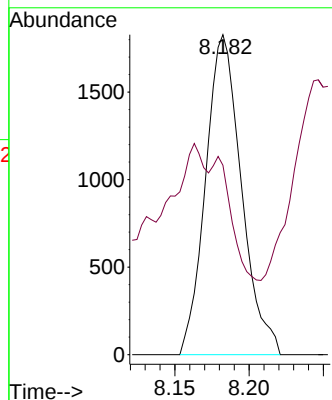
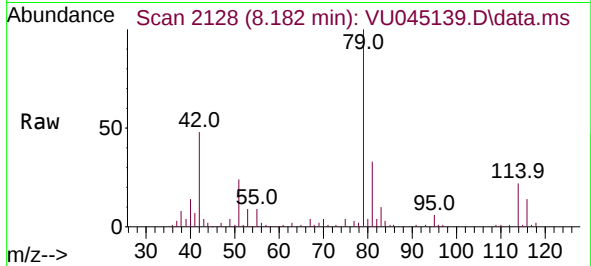




#44
trans-1,3-Dichloropropene
Concen: 0.826 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045139.D
Acq: 05 Oct 2021 13:00

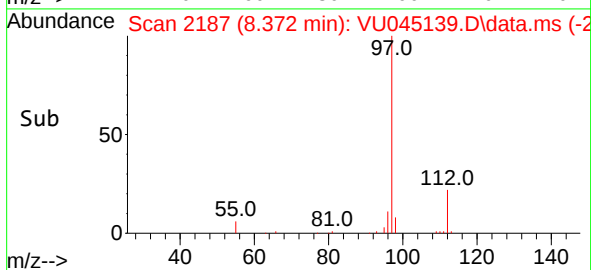
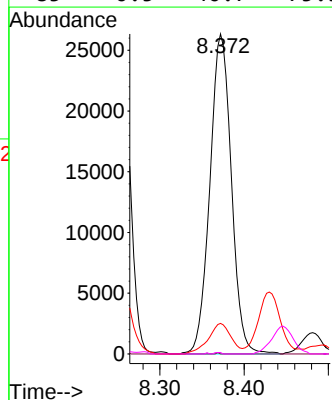
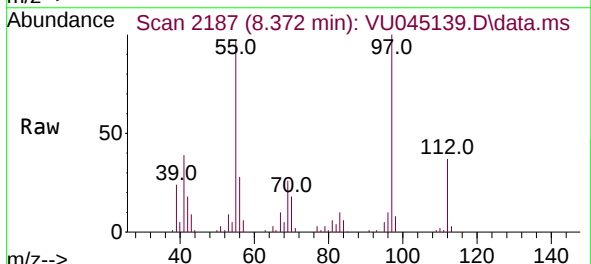
Instrument :
MSVOA_U
ClientSampled :
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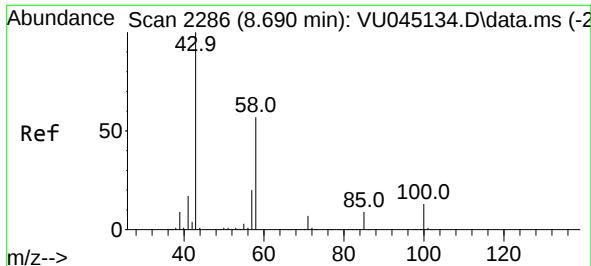
Tgt Ion: 75 Resp: 3064
Ion Ratio Lower Upper
75 100
77 59.2 21.7 40.3#



#45
1,1,2-Trichloroethane
Concen: 18.874 ug/L
RT: 8.372 min Scan# 2187
Delta R.T. -0.032 min
Lab File: VU045139.D
Acq: 05 Oct 2021 13:00

Tgt Ion: 97 Resp: 46619
Ion Ratio Lower Upper
97 100
99 0.0 43.7 81.1#
83 9.6 61.9 115.1#
85 0.5 40.7 75.5#

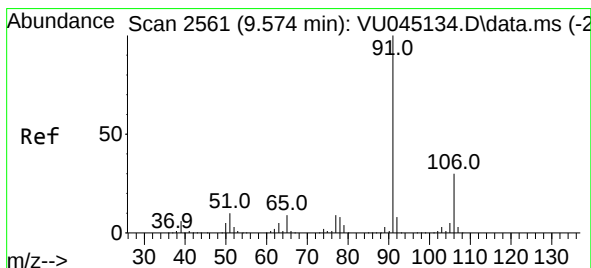
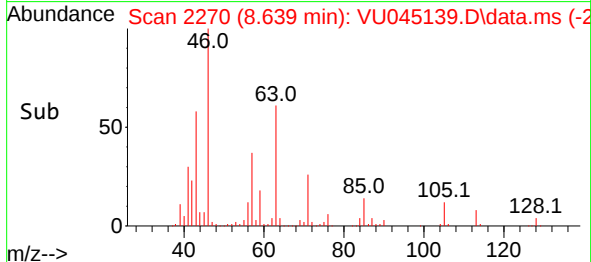
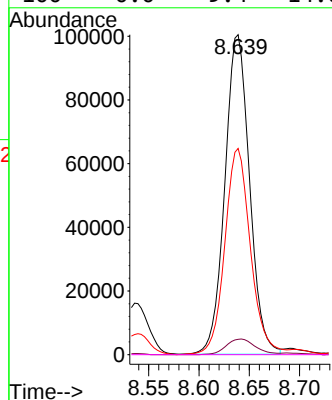
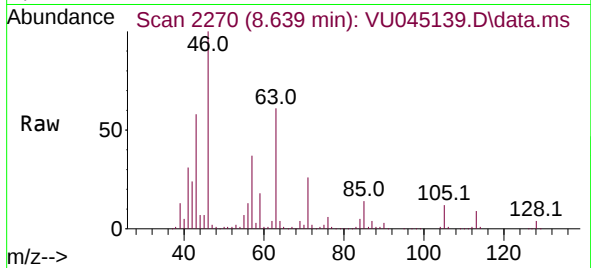




#48
2-Hexanone
Concen: 42.435 ug/L
RT: 8.639 min Scan# 2270
Delta R.T. -0.051 min
Lab File: VU045139.D
Acq: 05 Oct 2021 13:00

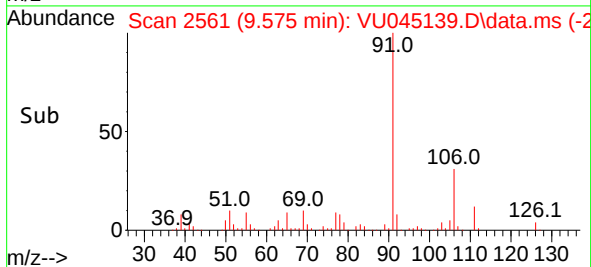
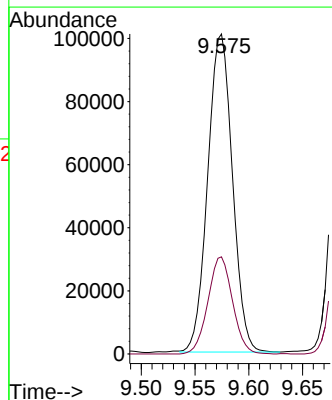
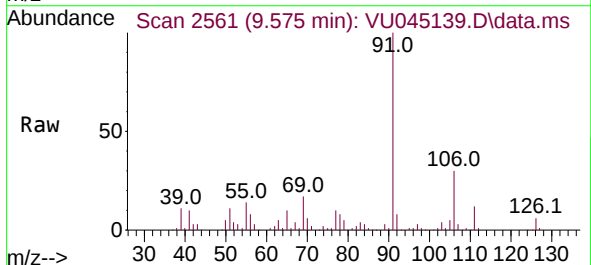
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ClientSampleID :
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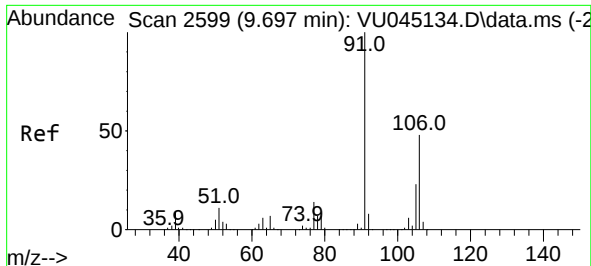
Tgt Ion: 43 Resp: 171329
Ion Ratio Lower Upper
43 100
58 5.8 44.9 67.3#
57 67.4 15.5 23.3#
100 0.0 9.4 14.0#



#52
Ethylbenzene
Concen: 15.009 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045139.D
Acq: 05 Oct 2021 13:00

Tgt Ion: 91 Resp: 161268
Ion Ratio Lower Upper
91 100
106 30.4 21.2 39.4

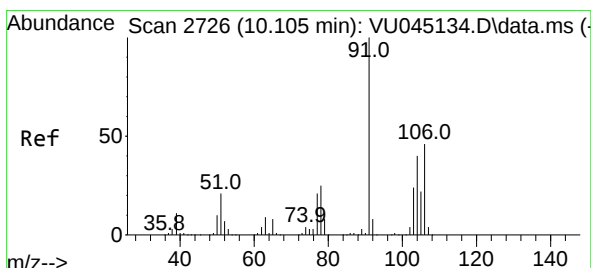
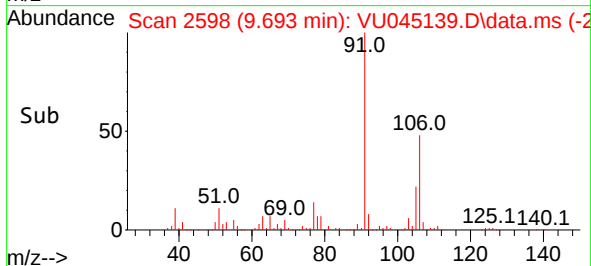
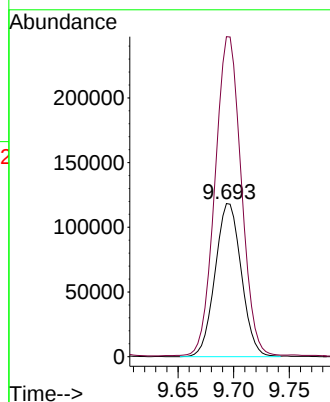
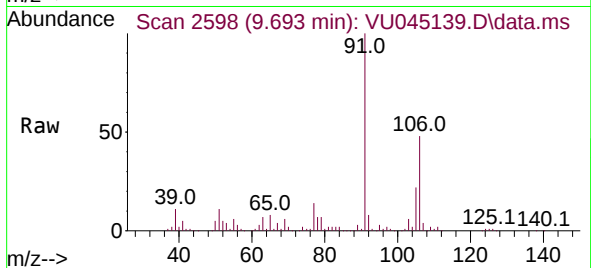




#53
m,p-Xylene
Concen: 47.558 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU045139.D
Acq: 05 Oct 2021 13:00

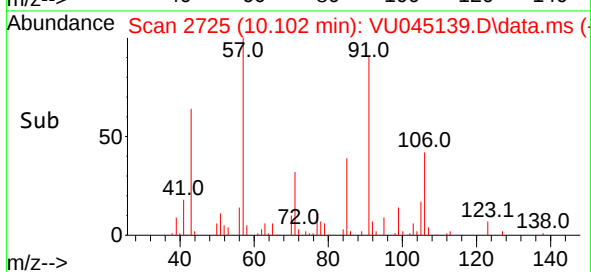
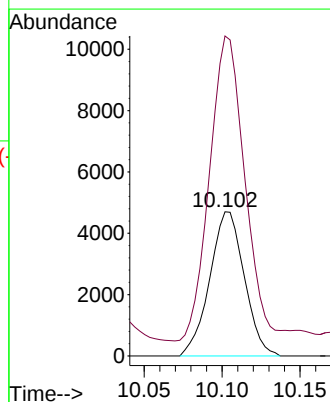
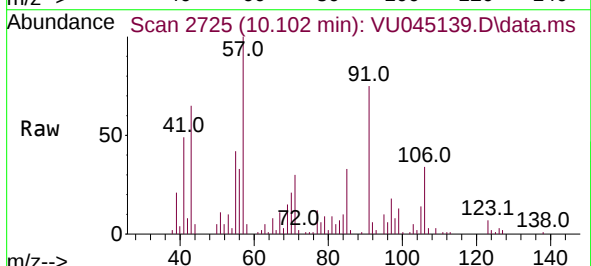
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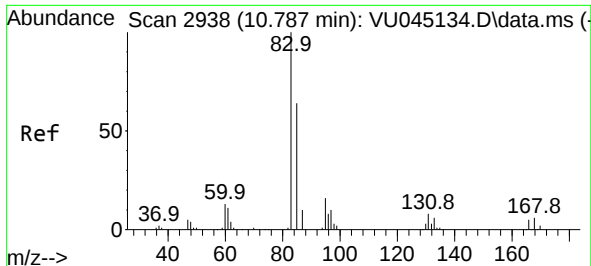
Tgt Ion:106 Resp: 193580
Ion Ratio Lower Upper
106 100
91 209.1 146.7 272.4



#54
o-xylene
Concen: 1.810 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU045139.D
Acq: 05 Oct 2021 13:00

Tgt Ion:106 Resp: 7238
Ion Ratio Lower Upper
106 100
91 222.0 152.9 283.9

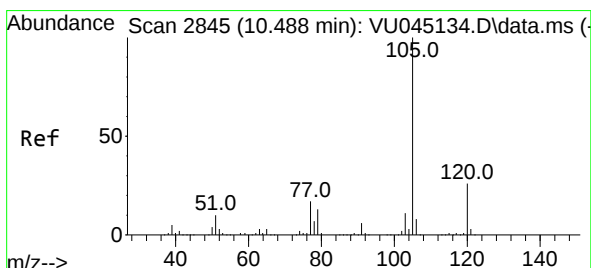
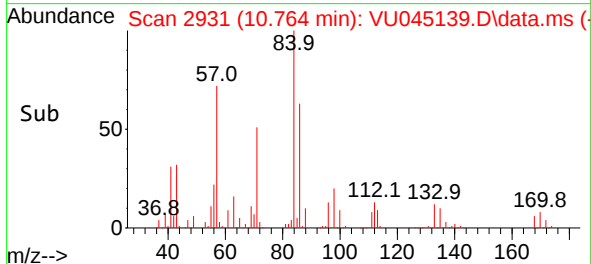
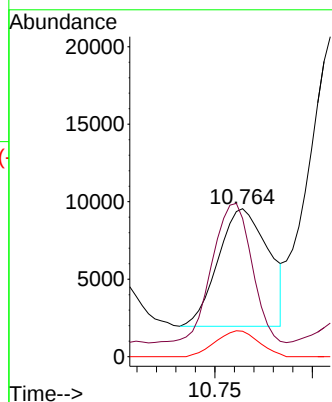
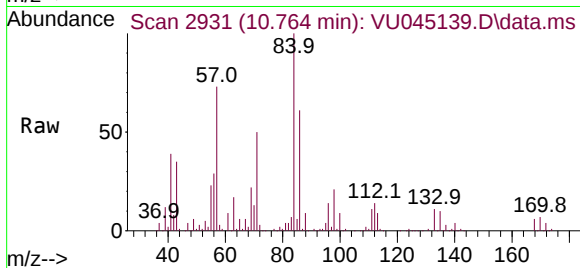




#57
1,1,2,2-Tetrachloroethane
Concen: 2.883 ug/L
RT: 10.764 min Scan# 2931
Delta R.T. -0.022 min
Lab File: VU045139.D
Acq: 05 Oct 2021 13:00

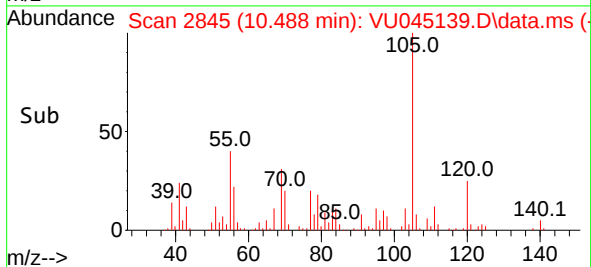
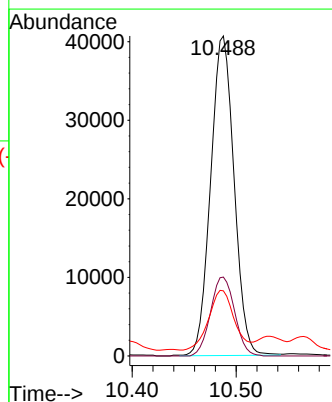
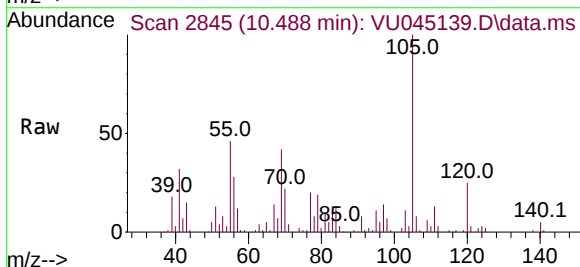
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MSVOA_U
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EW902DL

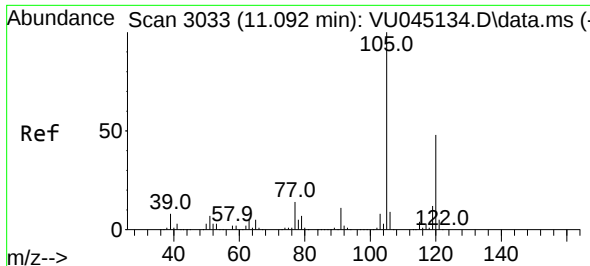
Tgt Ion: 83 Resp: 13635
Ion Ratio Lower Upper
83 100
85 93.4 45.1 83.7#
131 17.2 6.9 10.3#



#61
Isopropylbenzene
Concen: 6.391 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045139.D
Acq: 05 Oct 2021 13:00

Tgt Ion: 105 Resp: 63637
Ion Ratio Lower Upper
105 100
120 25.4 20.5 30.7
77 20.2 13.5 20.3

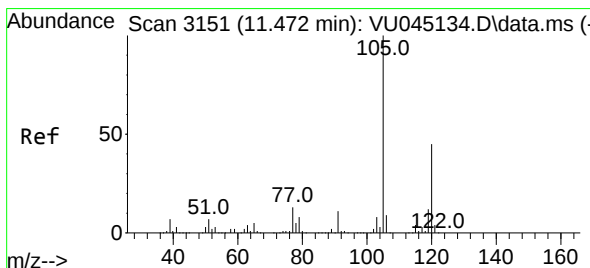
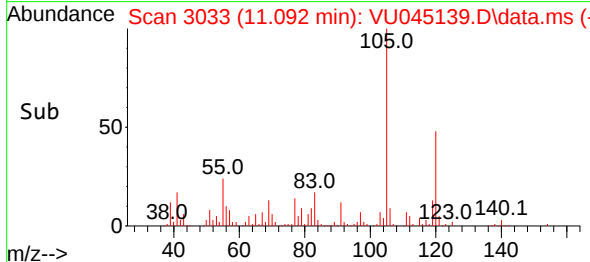
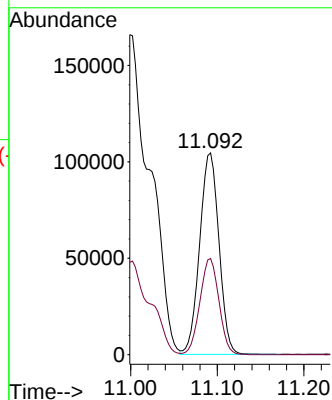
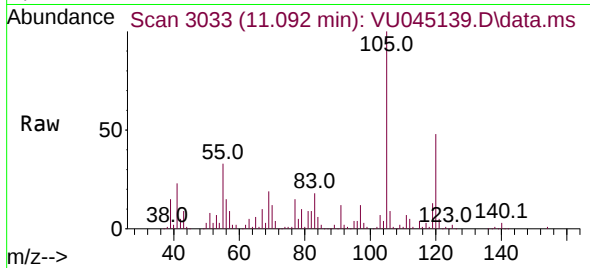




#62
1,3,5-Trimethylbenzene
Concen: 19.459 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045139.D
Acq: 05 Oct 2021 13:00

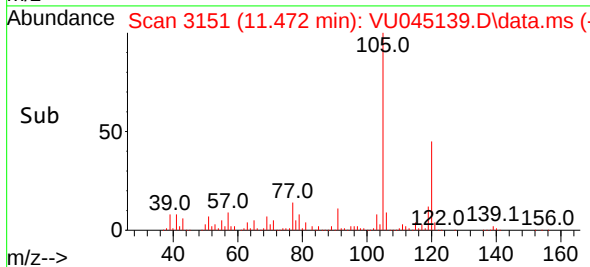
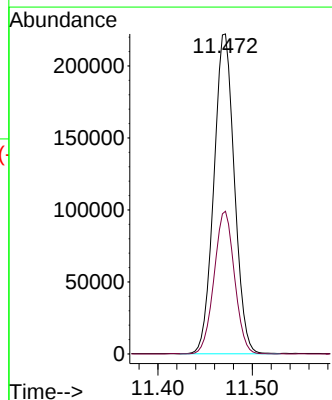
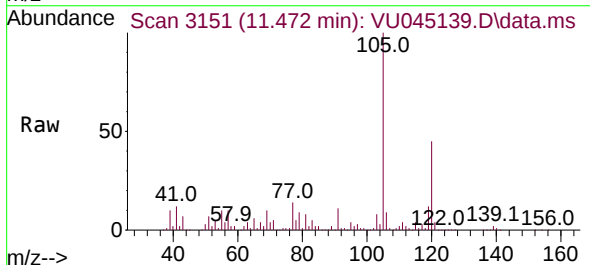
Instrument :
MSVOA_U
ClientSampleId :
EW902DL

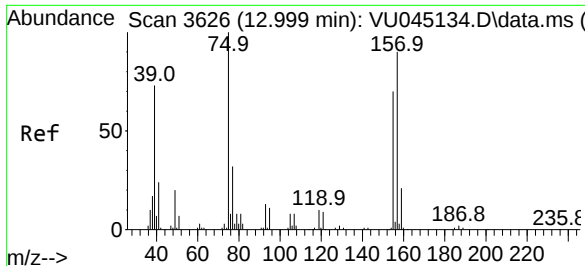
Tgt Ion:105 Resp: 161816
Ion Ratio Lower Upper
105 100
120 47.1 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 39.294 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045139.D
Acq: 05 Oct 2021 13:00

Tgt Ion:105 Resp: 334612
Ion Ratio Lower Upper
105 100
120 44.5 35.7 53.5

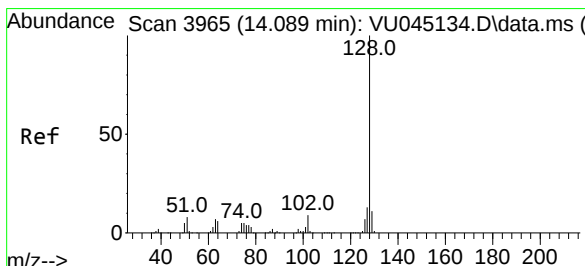
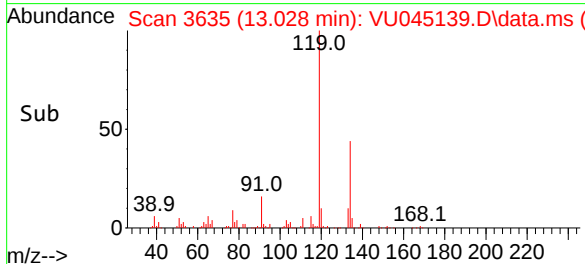
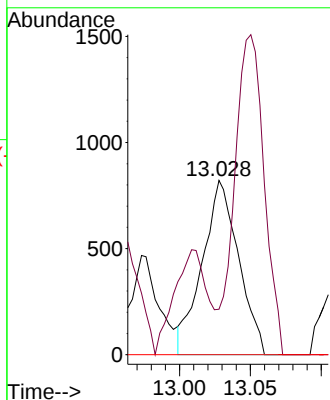
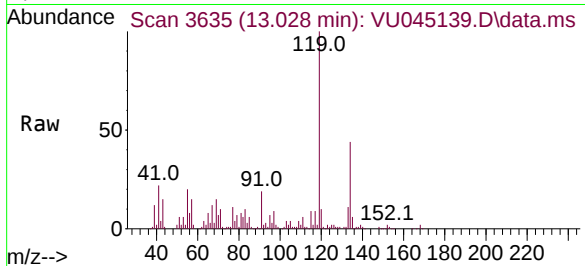




#68
1,2-Dibromo-3-chloropropane
Concen: 1.353 ug/L
RT: 13.028 min Scan# 3635
Delta R.T. 0.029 min
Lab File: VU045139.D
Acq: 05 Oct 2021 13:00

Instrument :
MSVOA_U
ClientSampleId :
EW902DL

Tgt Ion: 75 Resp: 1463
Ion Ratio Lower Upper
75 100
155 26.1 58.5 87.7#
157 0.0 77.7 116.5#



#71
Naphthalene
Concen: 18.483 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU045139.D
Acq: 05 Oct 2021 13:00

Tgt Ion:128 Resp: 169975
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 12.5 8.8 13.2

