

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045137.D
 Acq On : 05 Oct 2021 12:14
 Operator : SY/MD
 Sample : M3974-08ME
 Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW8Z2ME

Quant Time: Oct 06 01:43:56 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)

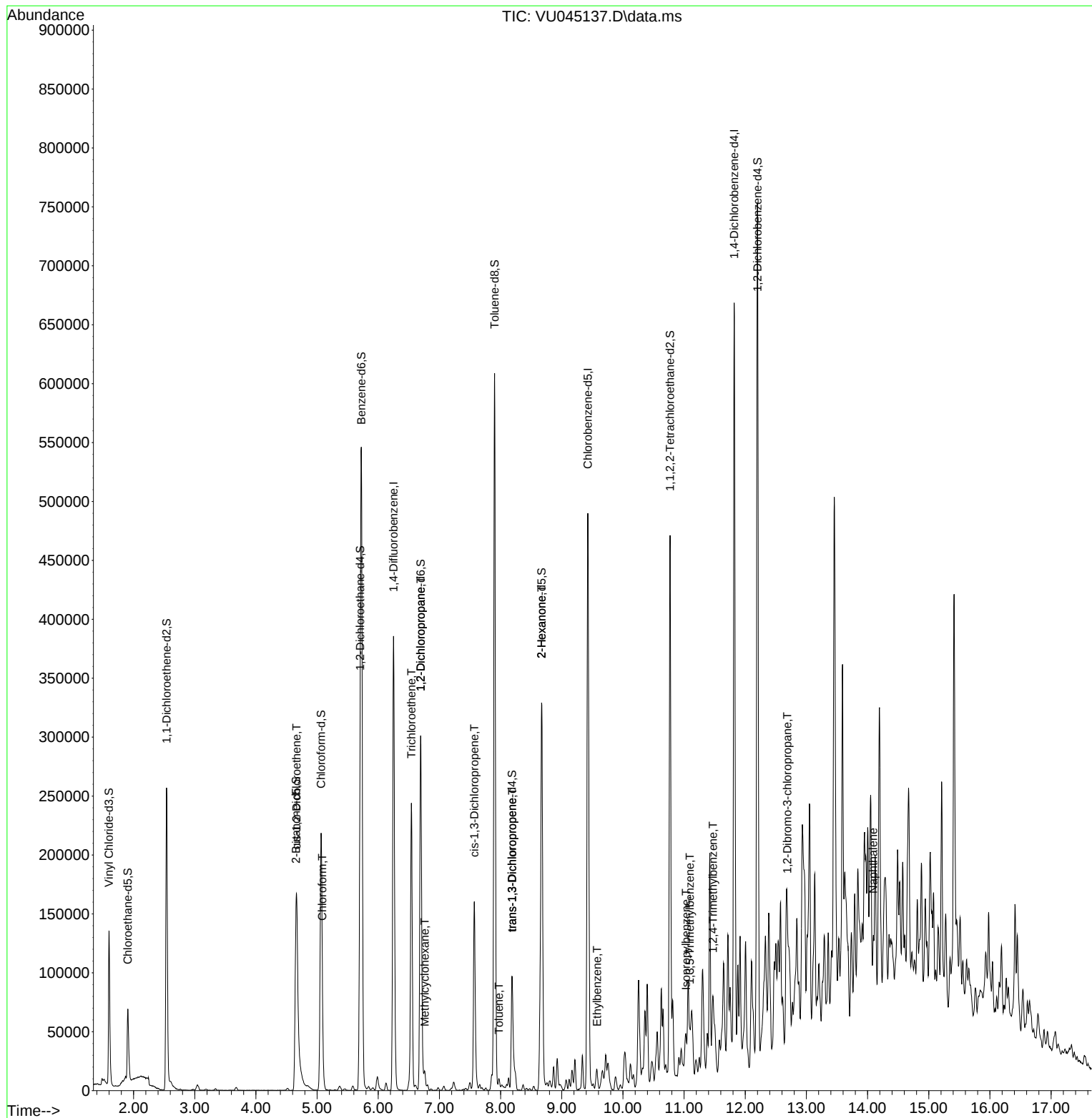
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	330062	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	317790	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	150278	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	119912	33.187	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.380%
7) Chloroethane-d5	1.906	69	58816	20.542	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	41.080%#
11) 1,1-Dichloroethene-d2	2.539	63	172891	28.493	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.980%#
21) 2-Butanone-d5	4.655	46	219578	76.869	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.870%
24) Chloroform-d	5.067	84	215531	37.768	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.540%
26) 1,2-Dichloroethane-d4	5.703	65	157684	40.793	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.580%
32) Benzene-d6	5.726	84	460626	41.772	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.540%
36) 1,2-Dichloropropane-d6	6.694	67	148301	41.245	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.500%
41) Toluene-d8	7.903	98	412610	43.358	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.720%
43) trans-1,3-Dichloroprop...	8.185	79	68811	43.022	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.040%
47) 2-Hexanone-d5	8.671	63	159177	79.885	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.880%
56) 1,1,2,2-Tetrachloroeth...	10.771	84	216147	38.604	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.200%
66) 1,2-Dichlorobenzene-d4	12.201	152	147858	45.210	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.420%
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.665	96	49302	16.617	ug/L	94
25) Chloroform	5.086	83	2883	0.518	ug/L #	57
34) Trichloroethene	6.542	95	85115	30.065	ug/L	99
35) Methylcyclohexane	6.761	83	6118	1.291	ug/L	99
37) 1,2-Dichloropropane	6.694	63	17380	5.416	ug/L #	91
39) cis-1,3-Dichloropropene	7.571	75	4461	0.972	ug/L #	69
42) Toluene	7.973	91	6754	0.564	ug/L	91
44) trans-1,3-Dichloropropene	8.189	75	3163	0.724	ug/L #	82
48) 2-Hexanone	8.671	43	22774	4.791	ug/L #	64
52) Ethylbenzene	9.578	91	8887	0.702	ug/L	98
61) Isopropylbenzene	11.031	105	13117	1.193	ug/L	95
62) 1,3,5-Trimethylbenzene	11.095	105	11775	1.282	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	17712	1.883	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.690	75	1118	0.936	ug/L #	6
71) Naphthalene	14.092	128	13831	1.362	ug/L #	80

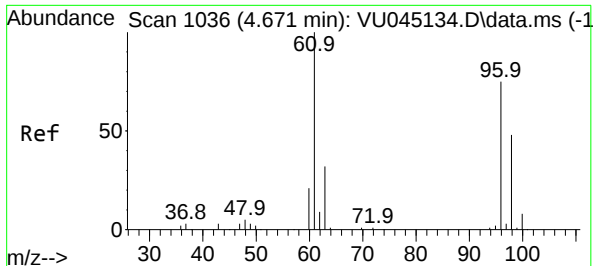
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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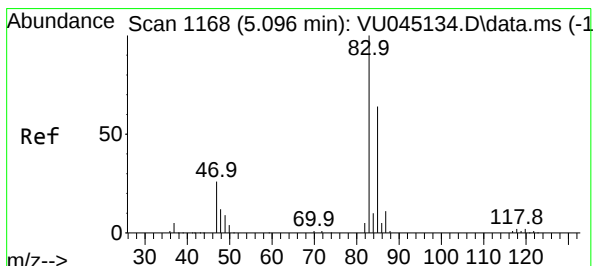
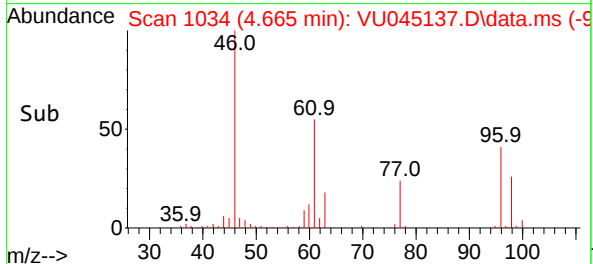
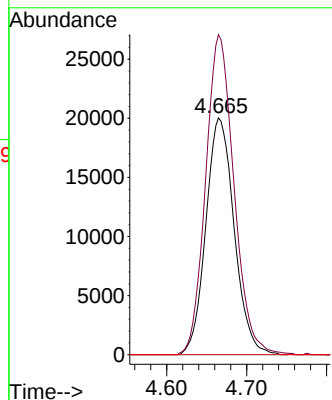
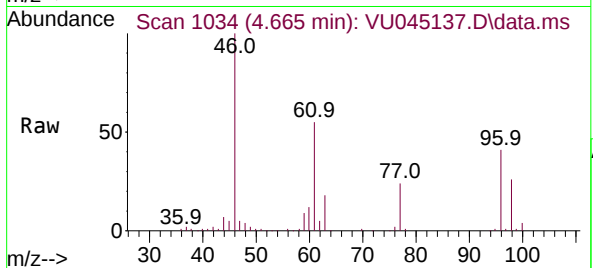


#20

cis-1,2-Dichloroethene
Concen: 16.617 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.006 min
Lab File: VU045137.D
Acq: 05 Oct 2021 12:14

Instrument :
MSVOA_U
ClientSampleId :
EW8Z2ME

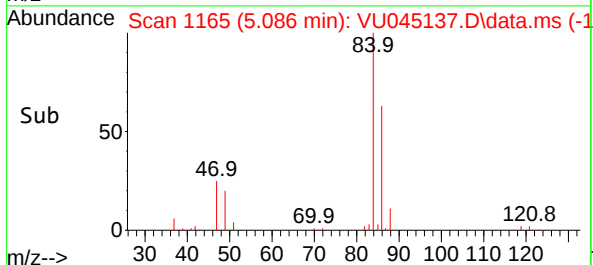
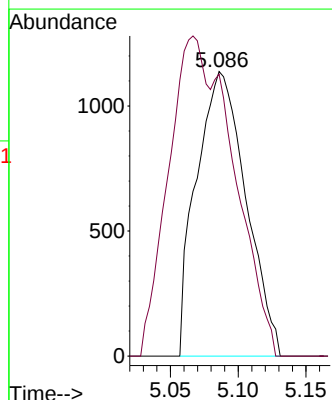
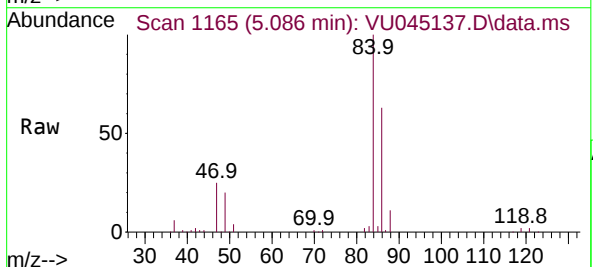
Tgt Ion: 96 Resp: 49302
Ion Ratio Lower Upper
96 100
61 135.1 100.2 186.0
68 0.0 0.0 0.0

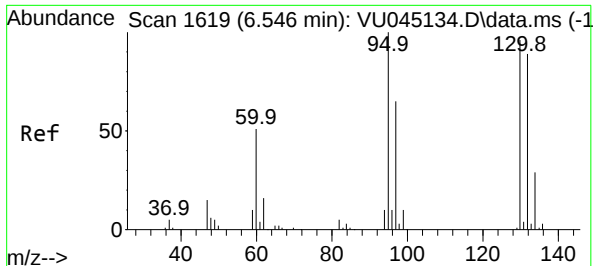


#25

Chloroform
Concen: 0.518 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. -0.010 min
Lab File: VU045137.D
Acq: 05 Oct 2021 12:14

Tgt Ion: 83 Resp: 2883
Ion Ratio Lower Upper
83 100
85 99.0 45.6 84.6#

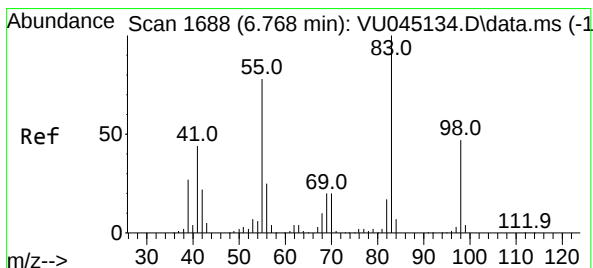
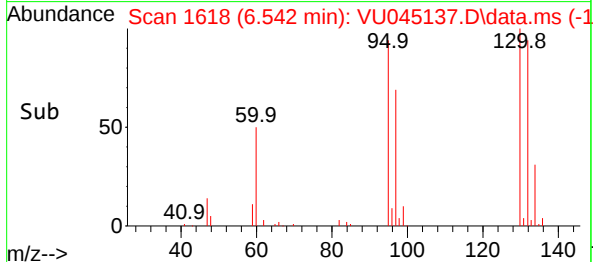
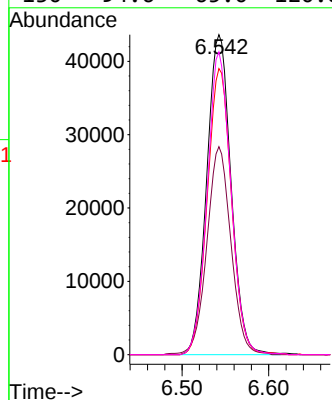
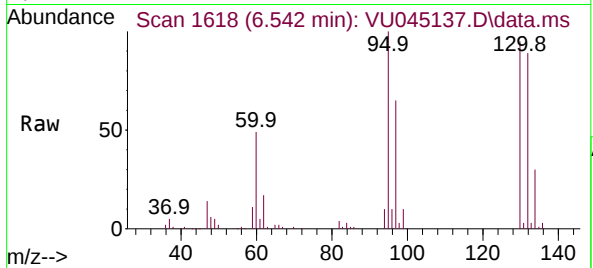




#34
Trichloroethene
Concen: 30.065 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU045137.D
Acq: 05 Oct 2021 12:14

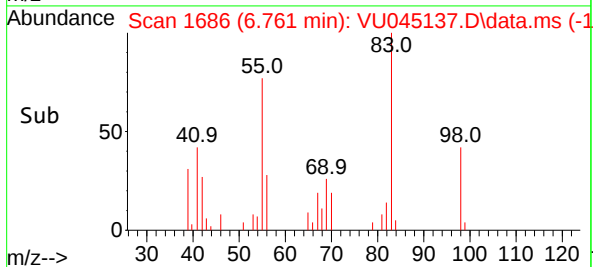
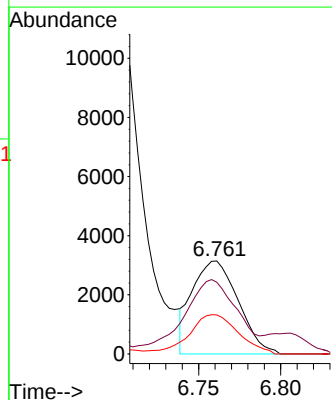
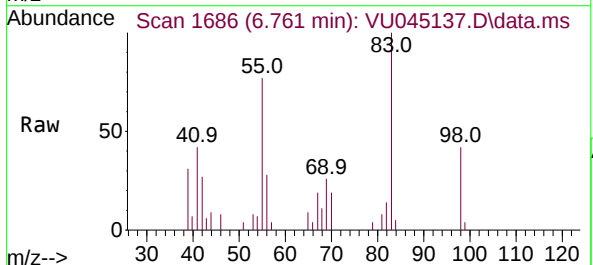
Instrument :
MSVOA_U
ClientSampleId :
EW8Z2ME

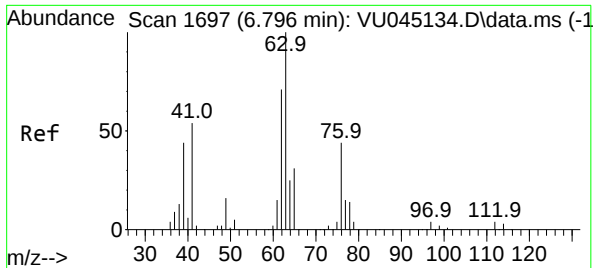
Tgt Ion:	95	Resp:	85115
Ion	Ratio	Lower	Upper
95	100		
97	65.0	44.4	82.4
132	89.4	62.9	116.9
130	94.6	65.0	120.8



#35
Methylcyclohexane
Concen: 1.291 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VU045137.D
Acq: 05 Oct 2021 12:14

Tgt Ion:	83	Resp:	6118
Ion	Ratio	Lower	Upper
83	100		
55	80.9	65.8	98.6
98	45.7	37.1	55.7



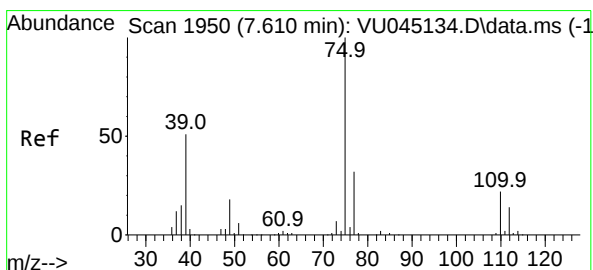
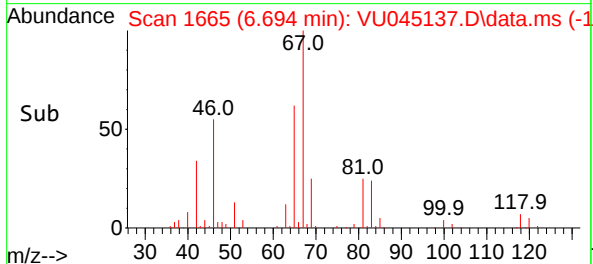
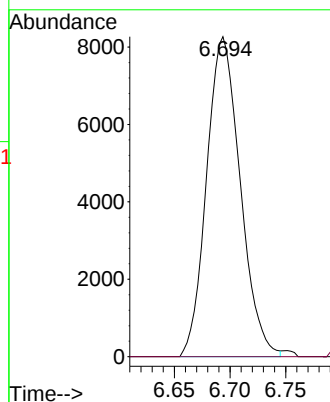
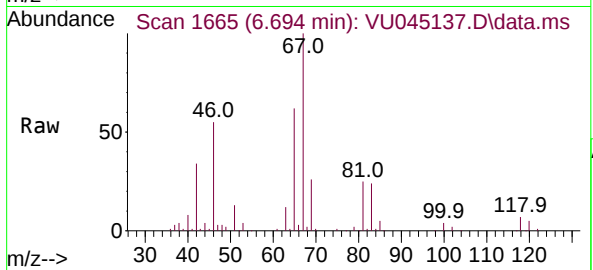


#37

1,2-Dichloropropane
Concen: 5.416 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045137.D
Acq: 05 Oct 2021 12:14

Instrument :
MSVOA_U
ClientSampled :
EW8Z2ME

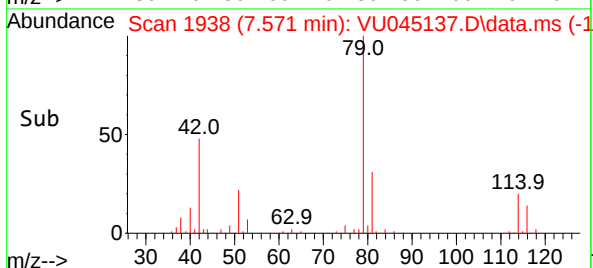
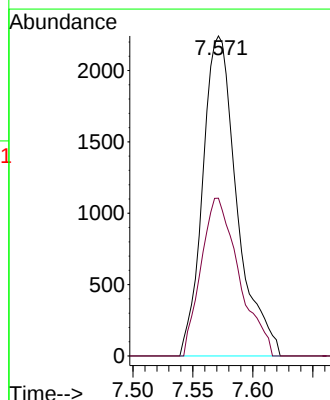
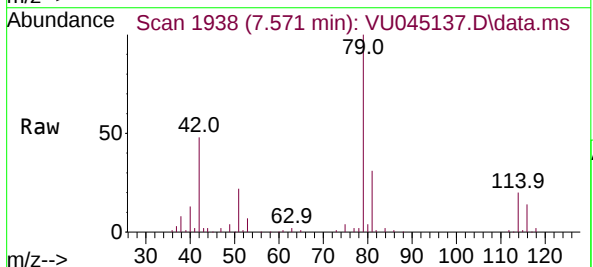
Tgt Ion: 63 Resp: 17380
Ion Ratio Lower Upper
63 100
112 1.1 3.2 4.8#

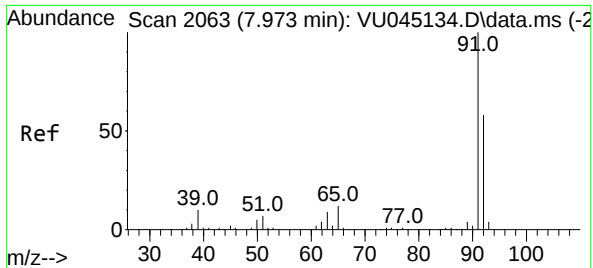


#39

cis-1,3-Dichloropropene
Concen: 0.972 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.039 min
Lab File: VU045137.D
Acq: 05 Oct 2021 12:14

Tgt Ion: 75 Resp: 4461
Ion Ratio Lower Upper
75 100
77 49.3 22.4 41.6#

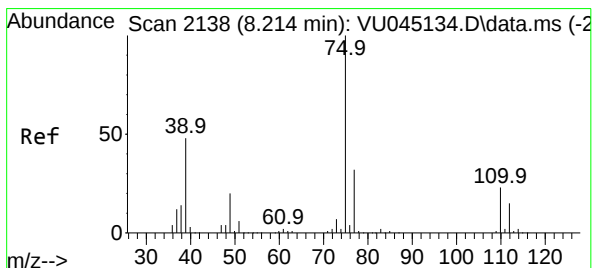
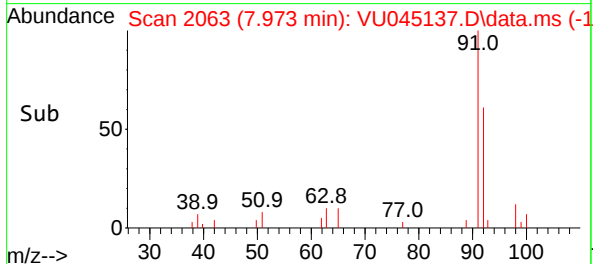
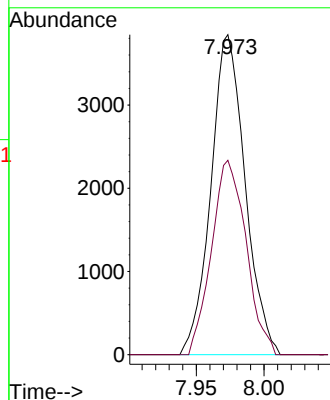
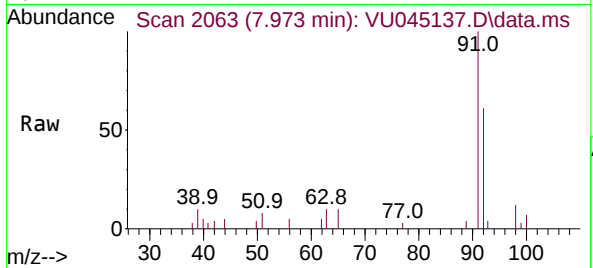




#42
Toluene
Concen: 0.564 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045137.D
Acq: 05 Oct 2021 12:14

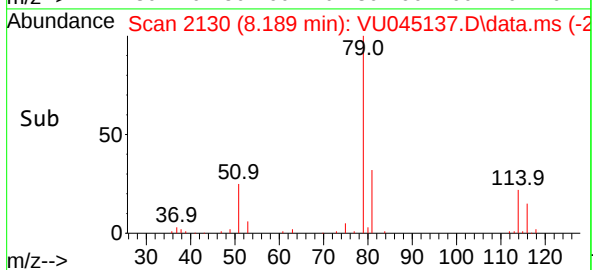
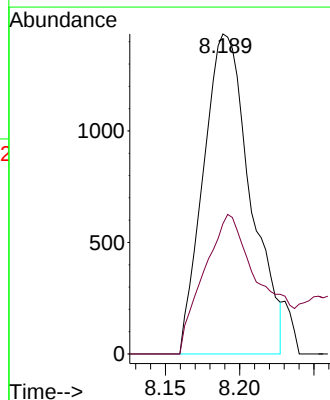
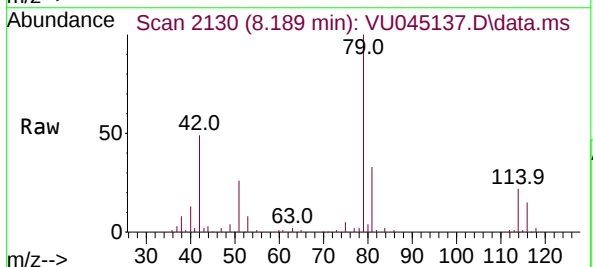
Instrument :
MSVOA_U
ClientSampleId :
EW8Z2ME

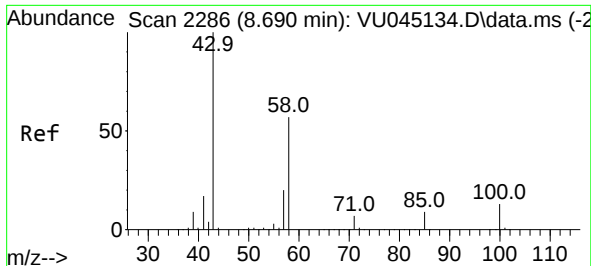
Tgt Ion: 91 Resp: 6754
Ion Ratio Lower Upper
91 100
92 64.8 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.724 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.026 min
Lab File: VU045137.D
Acq: 05 Oct 2021 12:14

Tgt Ion: 75 Resp: 3163
Ion Ratio Lower Upper
75 100
77 40.7 21.7 40.3#

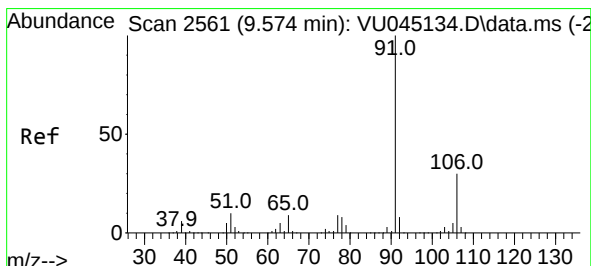
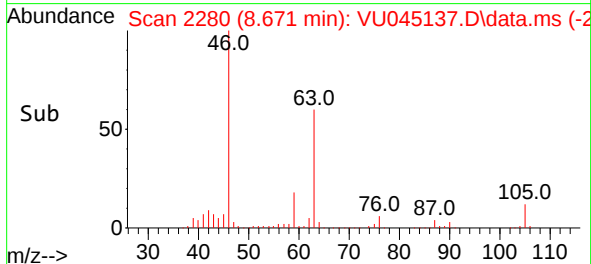
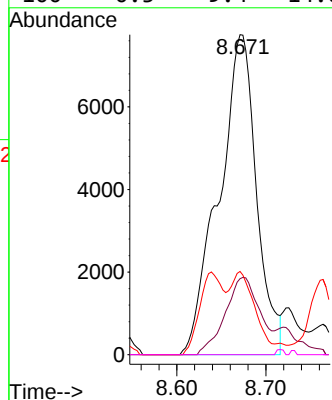
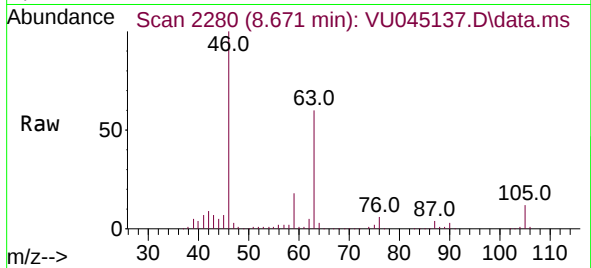




#48
2-Hexanone
Concen: 4.791 ug/L
RT: 8.671 min Scan# 2280
Delta R.T. -0.019 min
Lab File: VU045137.D
Acq: 05 Oct 2021 12:14

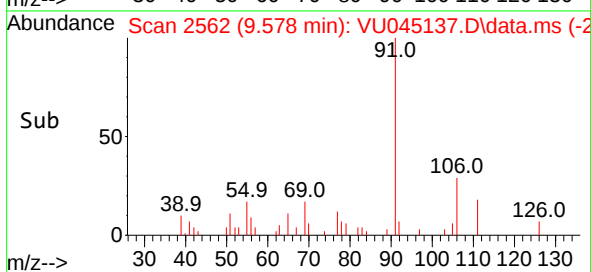
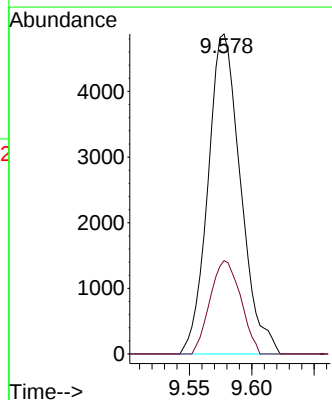
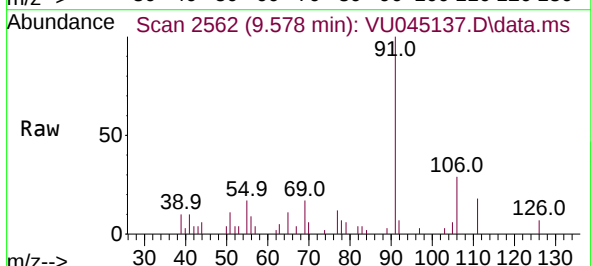
Instrument :
MSVOA_U
ClientSampleId :
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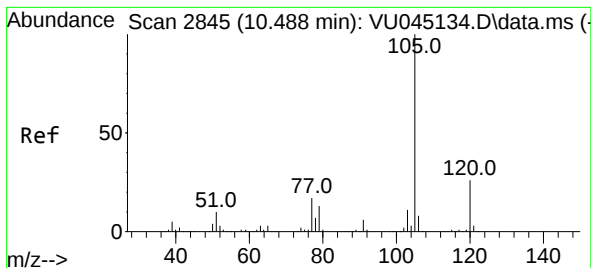
Tgt Ion:	43	Resp:	22774
Ion	Ratio	Lower	Upper
43	100		
58	21.9	44.9	67.3#
57	16.2	15.5	23.3
100	0.3	9.4	14.0#



#52
Ethylbenzene
Concen: 0.702 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.003 min
Lab File: VU045137.D
Acq: 05 Oct 2021 12:14

Tgt Ion:	91	Resp:	8887
Ion	Ratio	Lower	Upper
91	100		
106	29.1	21.2	39.4





#61

Isopropylbenzene

Concen: 1.193 ug/L

RT: 11.031 min Scan# 3014

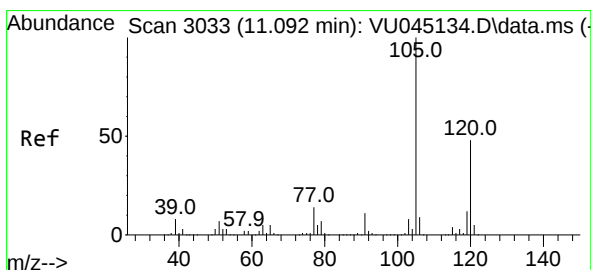
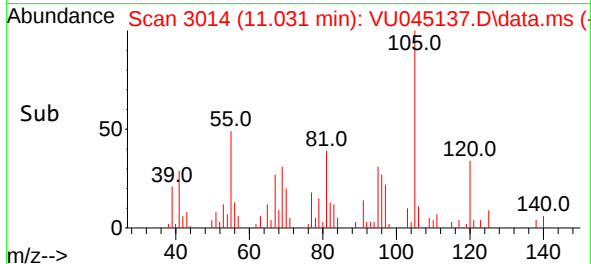
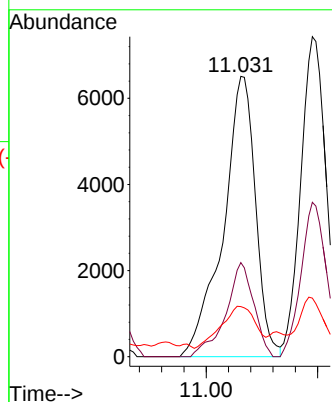
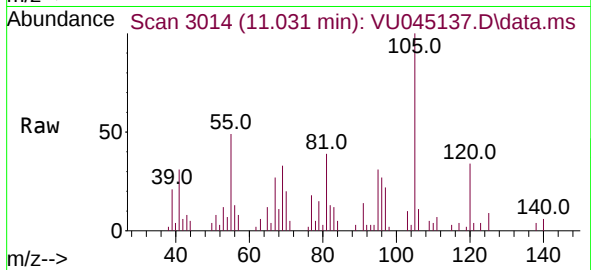
Delta R.T. 0.543 min

Lab File: VU045137.D

Acq: 05 Oct 2021 12:14

Tgt Ion:	105	Resp:	13117
Ion Ratio	Lower	Upper	
105	100		
120	28.9	20.5	30.7
77	16.3	13.5	20.3

Instrument :
MSVOA_U
ClientSampleId :
EW8Z2ME



#62

1,3,5-Trimethylbenzene

Concen: 1.282 ug/L

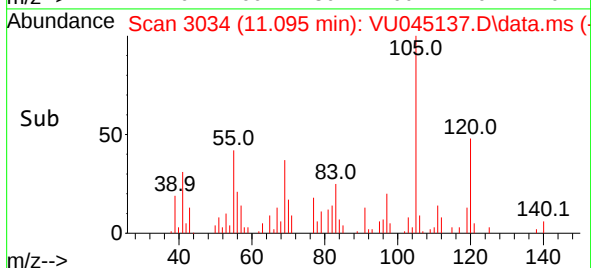
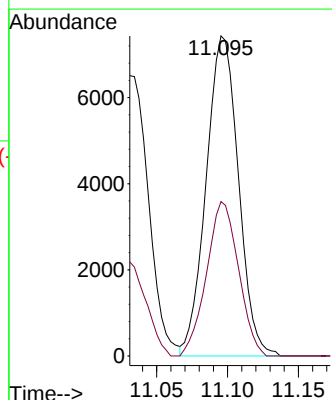
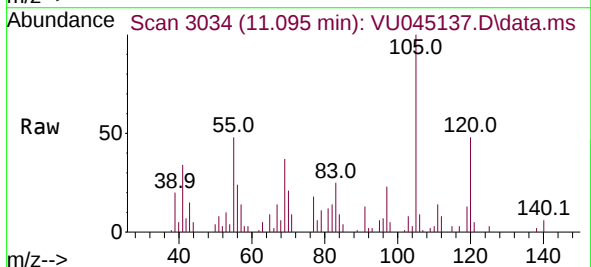
RT: 11.095 min Scan# 3034

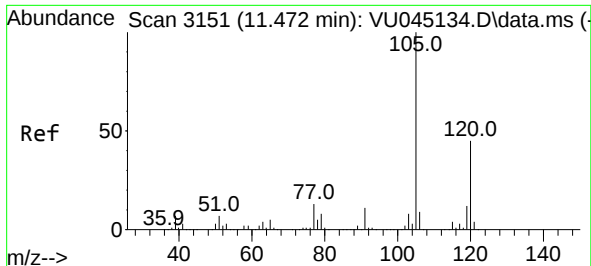
Delta R.T. 0.003 min

Lab File: VU045137.D

Acq: 05 Oct 2021 12:14

Tgt Ion:	105	Resp:	11775
Ion Ratio	Lower	Upper	
105	100		
120	47.8	38.8	58.2

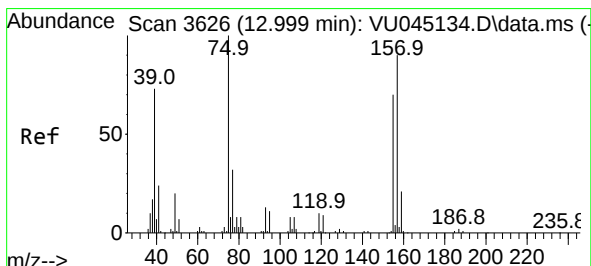
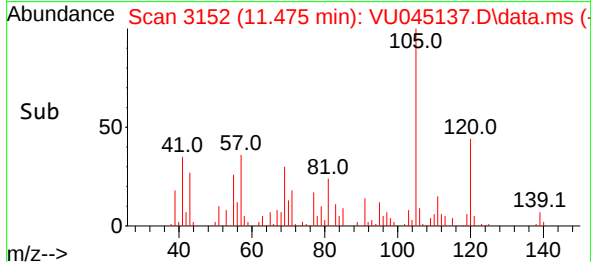
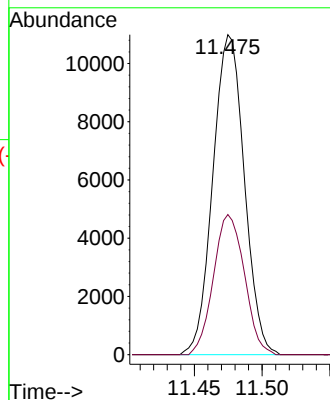
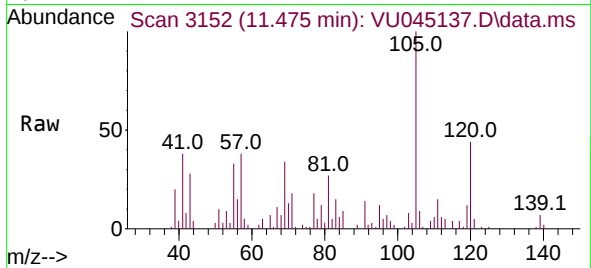




#63
1,2,4-Trimethylbenzene
Concen: 1.883 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VU045137.D
Acq: 05 Oct 2021 12:14

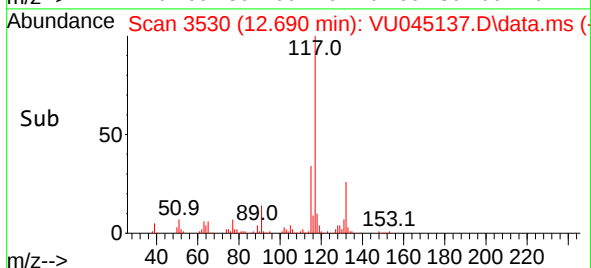
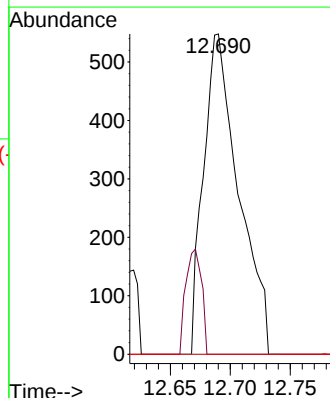
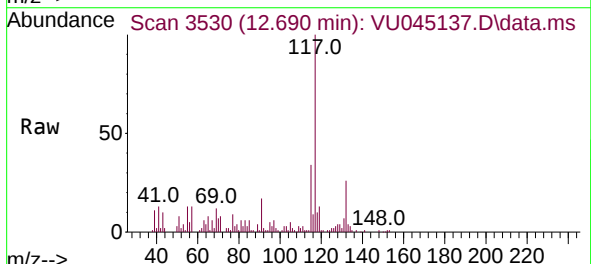
Instrument :
MSVOA_U
ClientSampleId :
EW8Z2ME

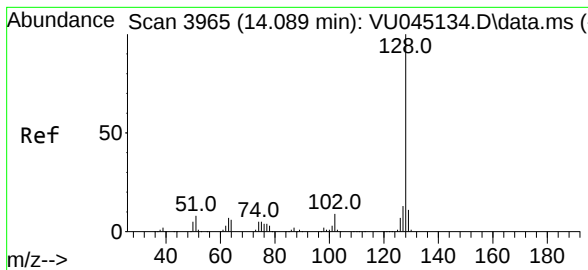
Tgt Ion:105 Resp: 17712
Ion Ratio Lower Upper
105 100
120 43.1 35.7 53.5



#68
1,2-Dibromo-3-chloropropane
Concen: 0.936 ug/L
RT: 12.690 min Scan# 3530
Delta R.T. -0.309 min
Lab File: VU045137.D
Acq: 05 Oct 2021 12:14

Tgt Ion: 75 Resp: 1118
Ion Ratio Lower Upper
75 100
155 0.0 58.5 87.7#
157 0.0 77.7 116.5#





#71
Naphthalene
Concen: 1.362 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045137.D
Acq: 05 Oct 2021 12:14

Instrument :
MSVOA_U
ClientSampleId :
EW8Z2ME

Tgt Ion:	128	Resp:	13831
Ion Ratio	Lower	Upper	
128	100		
127	5.1	10.4	15.6#
129	2.9	8.8	13.2#

