

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045150.D
 Acq On : 05 Oct 2021 17:20
 Operator : SY/MD
 Sample : M4025-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AL1

Quant Time: Oct 06 01:46:41 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)

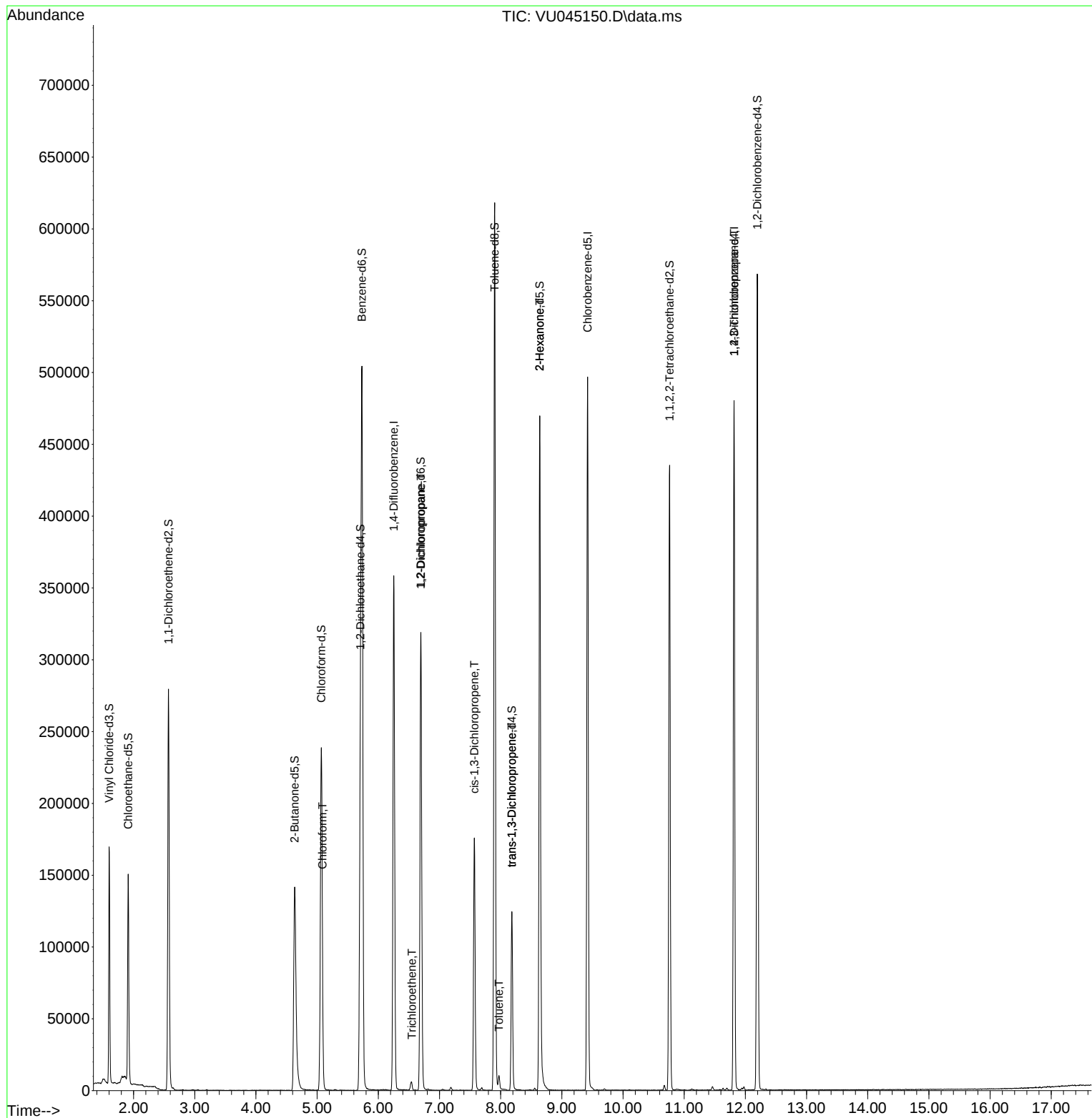
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	280028	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	262763	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	119655	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	116949	38.150	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.300%
7) Chloroethane-d5	1.912	69	107736	44.351	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.700%
11) 1,1-Dichloroethene-d2	2.572	63	168392	32.710	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.420%
21) 2-Butanone-d5	4.633	46	236489	97.582	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.580%
24) Chloroform-d	5.070	84	218182	45.064	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.120%
26) 1,2-Dichloroethane-d4	5.706	65	156540	47.733	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.460%
32) Benzene-d6	5.732	84	452023	49.576	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.160%
36) 1,2-Dichloropropane-d6	6.694	67	145007	48.774	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.540%
41) Toluene-d8	7.902	98	396027	50.331	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.660%
43) trans-1,3-Dichloroprop...	8.182	79	66842	50.543	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.080%
47) 2-Hexanone-d5	8.639	63	165907	100.699	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.700%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	214310	46.292	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.580%
66) 1,2-Dichlorobenzene-d4	12.195	152	138917	53.347	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.700%
Target Compounds						Qvalue
25) Chloroform	5.086	83	3388	0.717	ug/L	80
34) Trichloroethene	6.549	95	1250	0.534	ug/L	85
37) 1,2-Dichloropropane	6.697	63	16596	6.254	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	4456	1.174	ug/L #	74
42) Toluene	7.973	91	6550	0.661	ug/L	90
44) trans-1,3-Dichloropropene	8.182	75	2942	0.815	ug/L	89
48) 2-Hexanone	8.639	43	19663	5.002	ug/L #	69
60) 1,2,3-Trichloropropane	11.816	75	16162	4.884	ug/L #	68

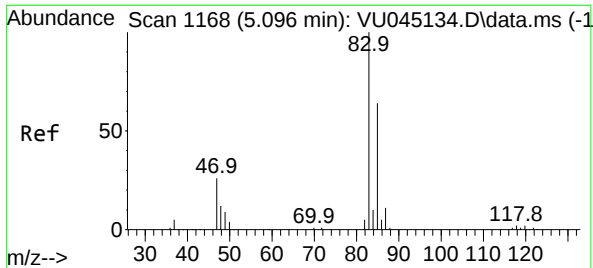
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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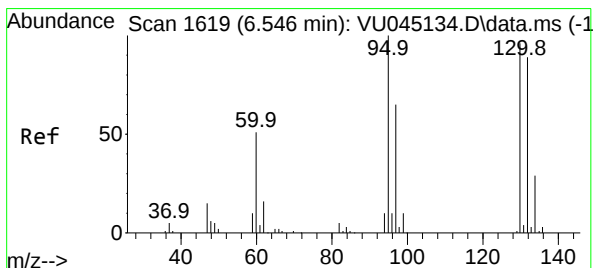
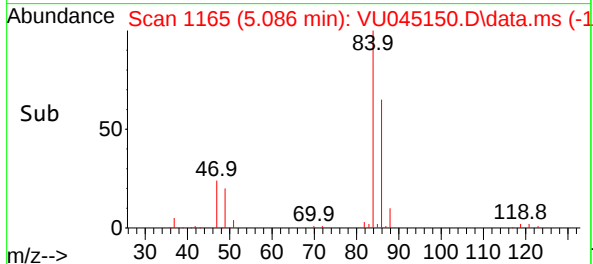
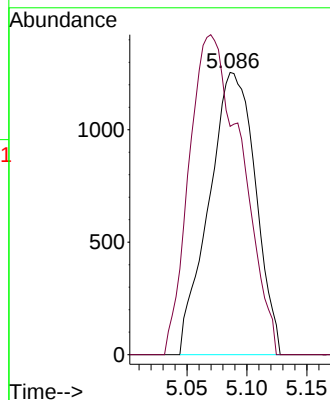
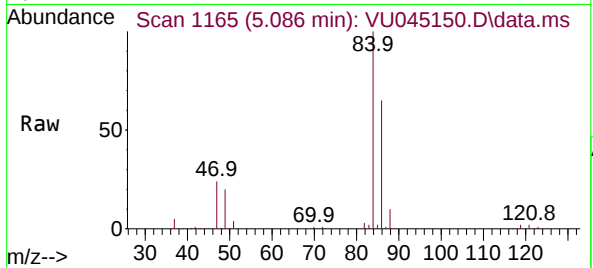




#25
Chloroform
Concen: 0.717 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. -0.010 min
Lab File: VU045150.D
Acq: 05 Oct 2021 17:20

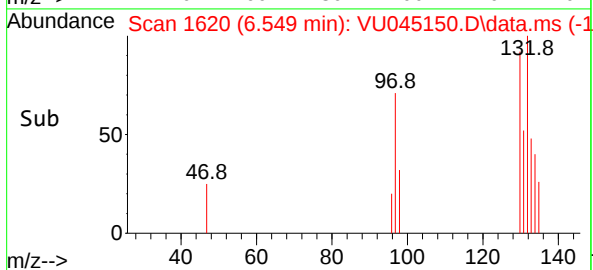
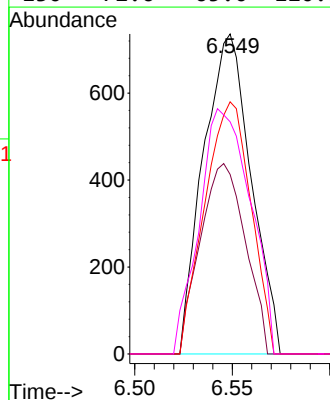
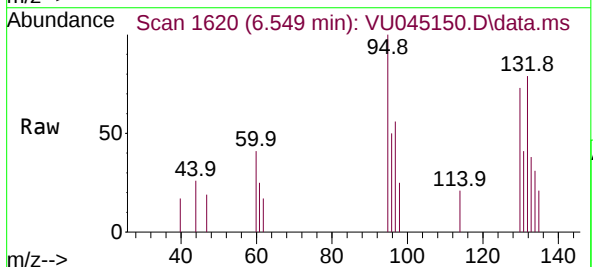
Instrument :
MSVOA_U
ClientSampleId :
C0AL1

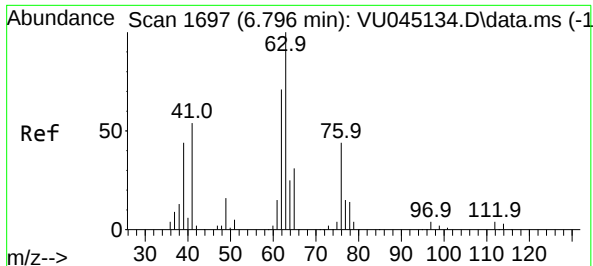
Tgt Ion: 83 Resp: 3388
Ion Ratio Lower Upper
83 100
85 80.9 45.6 84.6



#34
Trichloroethene
Concen: 0.534 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.003 min
Lab File: VU045150.D
Acq: 05 Oct 2021 17:20

Tgt Ion: 95 Resp: 1250
Ion Ratio Lower Upper
95 100
97 56.1 44.4 82.4
132 78.8 62.9 116.9
130 72.6 65.0 120.8



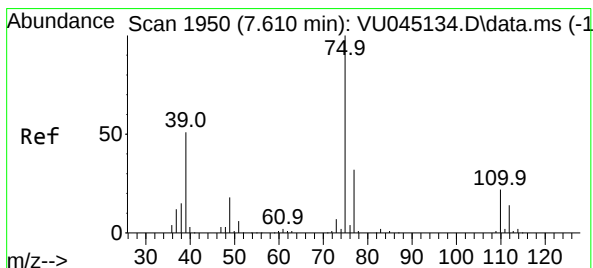
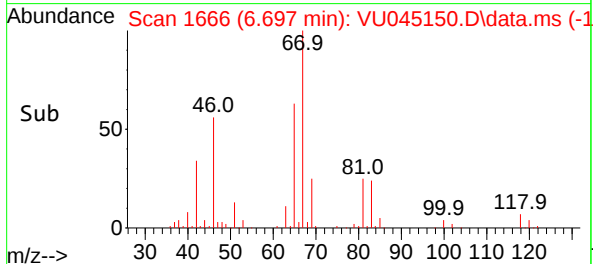
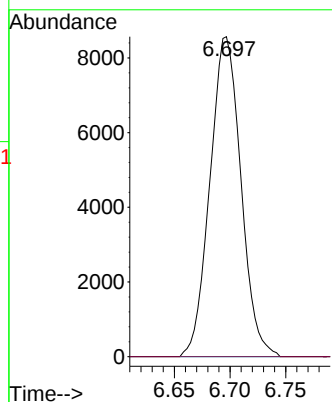
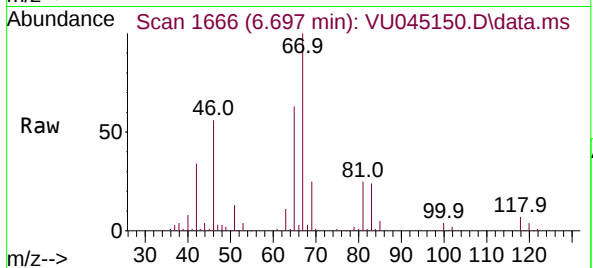


#37

1,2-Dichloropropane
Concen: 6.254 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU045150.D
Acq: 05 Oct 2021 17:20

Instrument :
MSVOA_U
ClientSampled :
C0AL1

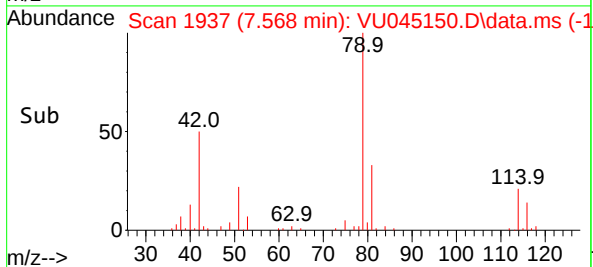
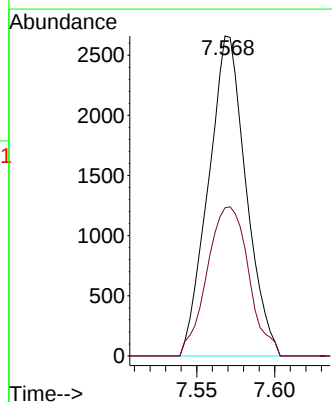
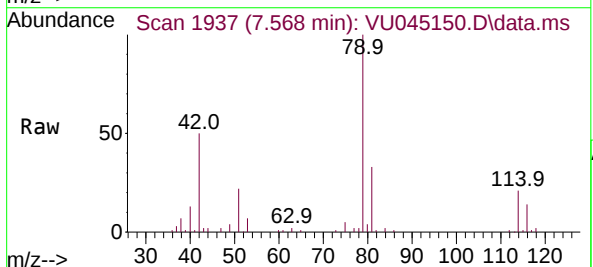
Tgt Ion: 63 Resp: 16596
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

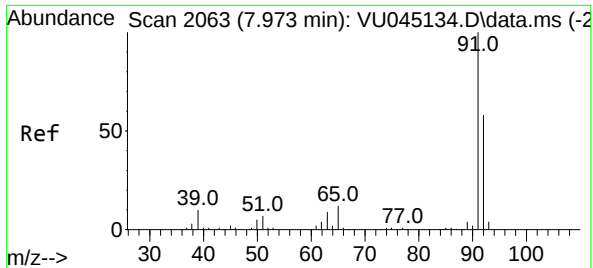


#39

cis-1,3-Dichloropropene
Concen: 1.174 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU045150.D
Acq: 05 Oct 2021 17:20

Tgt Ion: 75 Resp: 4456
Ion Ratio Lower Upper
75 100
77 46.3 22.4 41.6#

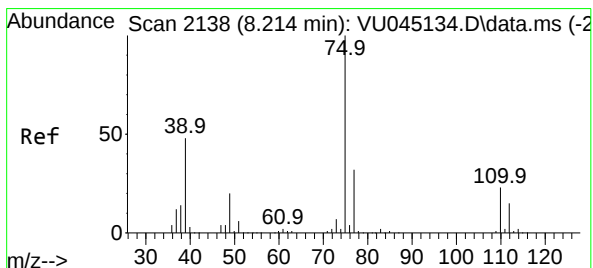
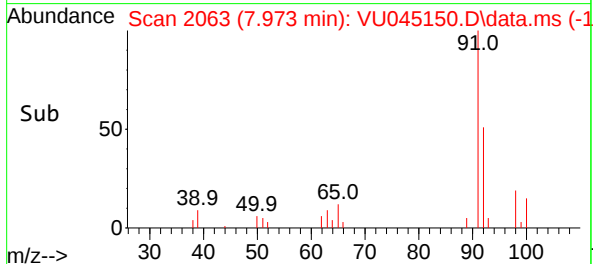
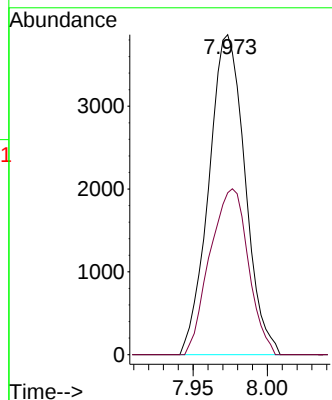
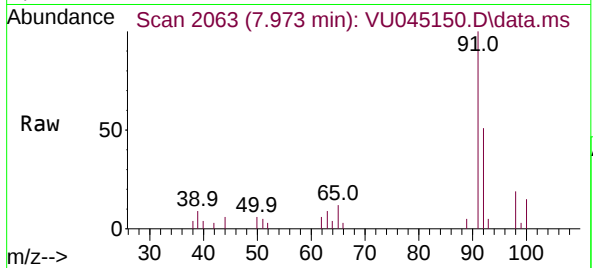




#42
Toluene
Concen: 0.661 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045150.D
Acq: 05 Oct 2021 17:20

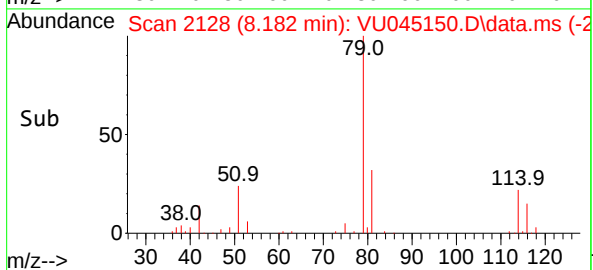
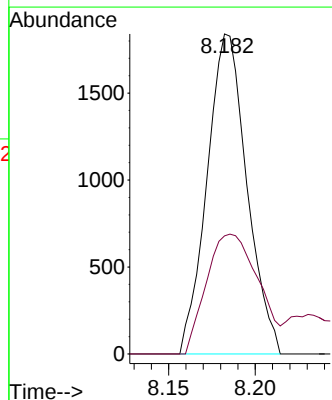
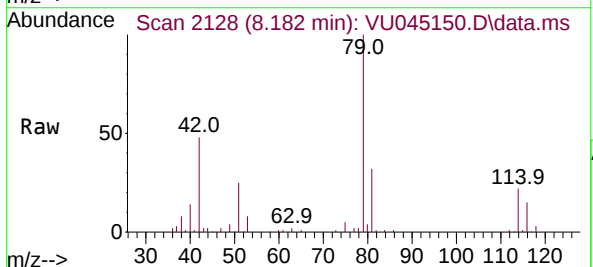
Instrument :
MSVOA_U
ClientSampleId :
C0AL1

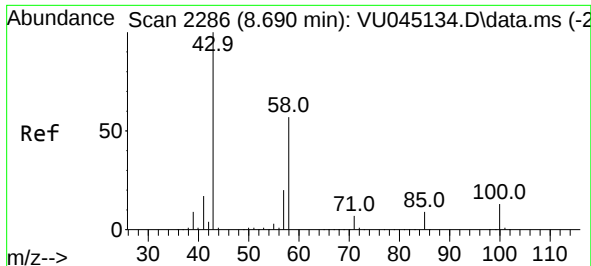
Tgt Ion: 91 Resp: 6550
Ion Ratio Lower Upper
91 100
92 50.6 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.815 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045150.D
Acq: 05 Oct 2021 17:20

Tgt Ion: 75 Resp: 2942
Ion Ratio Lower Upper
75 100
77 36.9 21.7 40.3

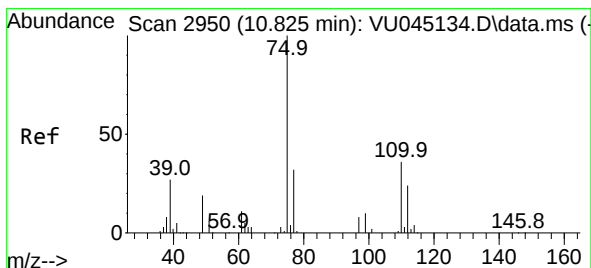
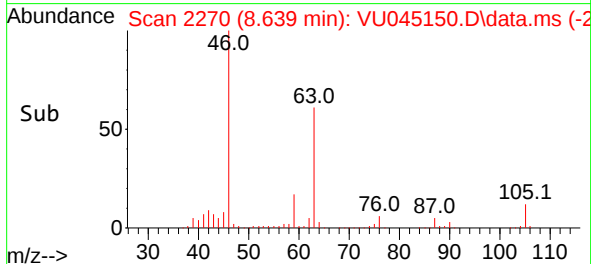
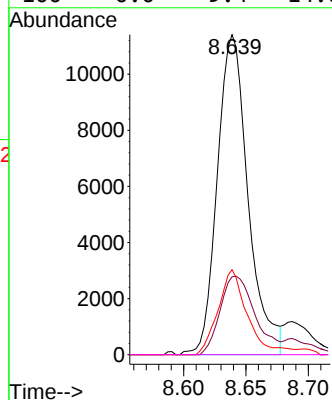
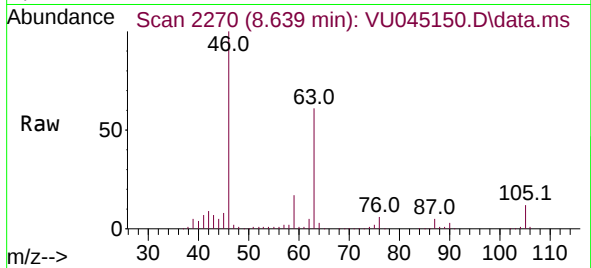




#48
2-Hexanone
Concen: 5.002 ug/L
RT: 8.639 min Scan# 2270
Delta R.T. -0.051 min
Lab File: VU045150.D
Acq: 05 Oct 2021 17:20

Instrument :
MSVOA_U
ClientSampleId :
C0AL1

Tgt Ion: 43	Resp: 19663
Ion Ratio	Lower Upper
43 100	
58 27.9	44.9 67.3#
57 24.5	15.5 23.3#
100 0.0	9.4 14.0#



#60
1,2,3-Trichloropropane
Concen: 4.884 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.990 min
Lab File: VU045150.D
Acq: 05 Oct 2021 17:20

Tgt Ion: 75	Resp: 16162
Ion Ratio	Lower Upper
75 100	
77 33.6	25.5 38.3
110 2.5	29.0 43.4#

