

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045145.D
 Acq On : 05 Oct 2021 15:20
 Operator : SY/MD
 Sample : M3996-07DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A24DL

Quant Time: Oct 06 01:45:39 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)

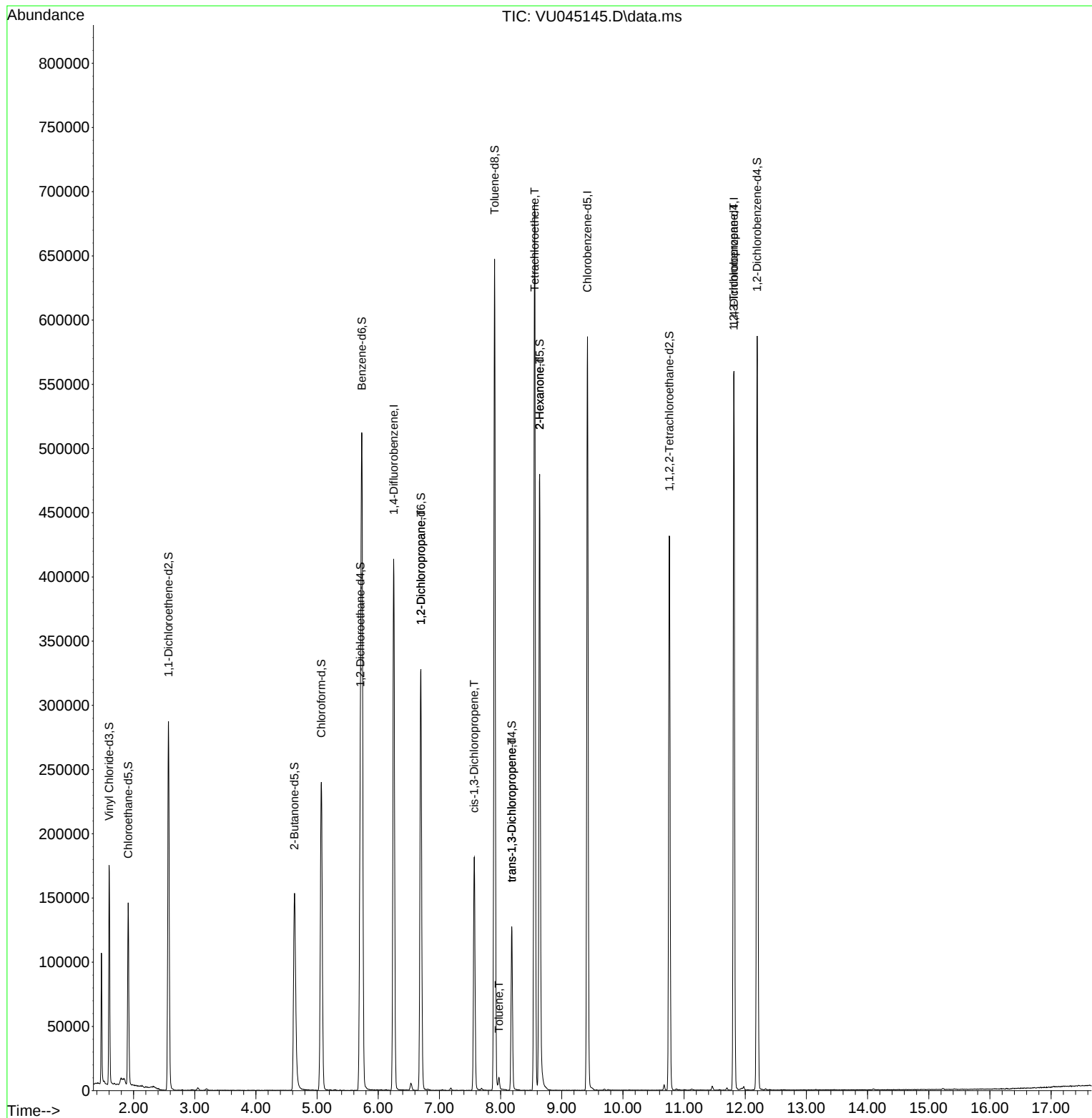
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	327660	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	305566	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	137915	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	120686	33.646	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.300%
7) Chloroethane-d5	1.912	69	106477	37.460	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.920%
11) 1,1-Dichloroethene-d2	2.572	63	171732	28.510	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.020%#
21) 2-Butanone-d5	4.629	46	238565	84.128	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.130%
24) Chloroform-d	5.070	84	220384	38.902	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.800%
26) 1,2-Dichloroethane-d4	5.706	65	156116	40.683	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.360%
32) Benzene-d6	5.732	84	458941	43.284	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.560%
36) 1,2-Dichloropropane-d6	6.697	67	145541	42.097	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.200%
41) Toluene-d8	7.902	98	405981	44.368	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.740%
43) trans-1,3-Dichloroprop...	8.182	79	67468	43.870	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.740%
47) 2-Hexanone-d5	8.639	63	169073	88.246	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.250%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	216727	40.257	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.520%
66) 1,2-Dichlorobenzene-d4	12.195	152	143271	47.735	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.460%
Target Compounds						
					Qvalue	
37) 1,2-Dichloropropane	6.697	63	16937	5.489	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	4216	0.955	ug/L #	68
42) Toluene	7.973	91	6122	0.532	ug/L	94
44) trans-1,3-Dichloropropene	8.182	75	3082	0.734	ug/L	89
46) Tetrachloroethene	8.555	164	145487	74.774	ug/L	97
48) 2-Hexanone	8.639	43	19670	4.303	ug/L #	68
60) 1,2,3-Trichloropropane	11.812	75	18702	4.903	ug/L #	69

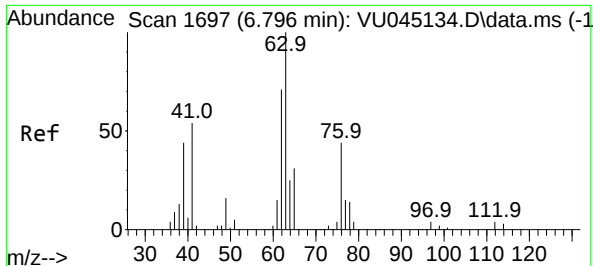
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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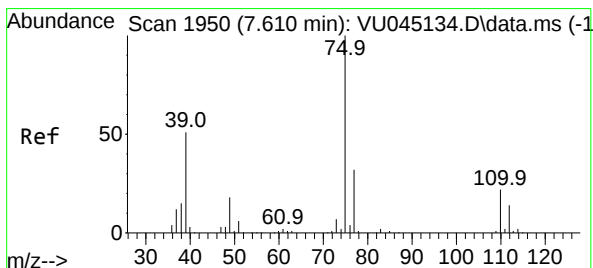
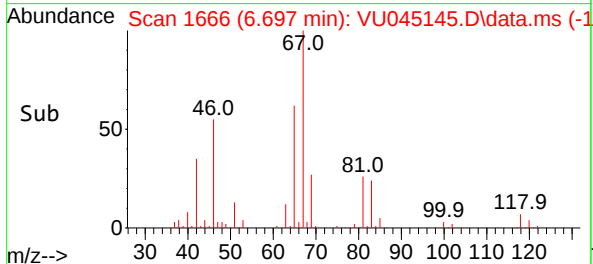
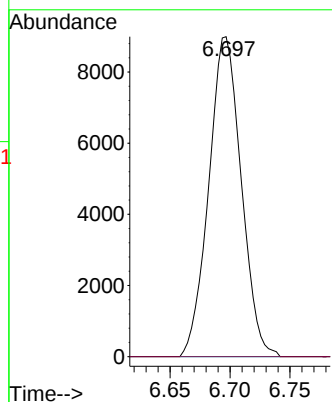
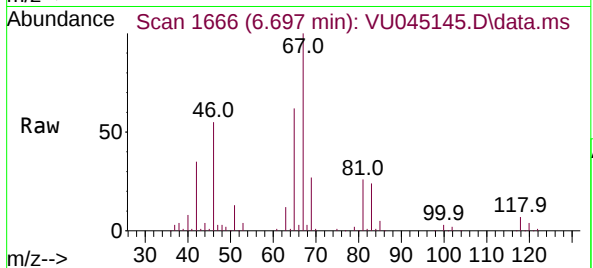


#37

1,2-Dichloropropane
Concen: 5.489 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU045145.D
Acq: 05 Oct 2021 15:20

Instrument :
MSVOA_U
ClientSampled :
F4A24DL

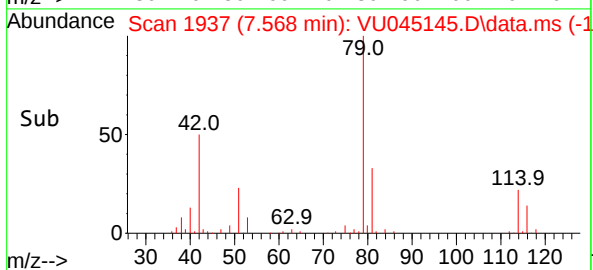
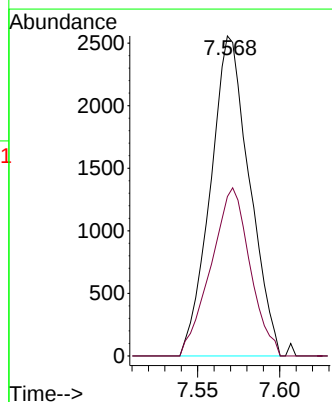
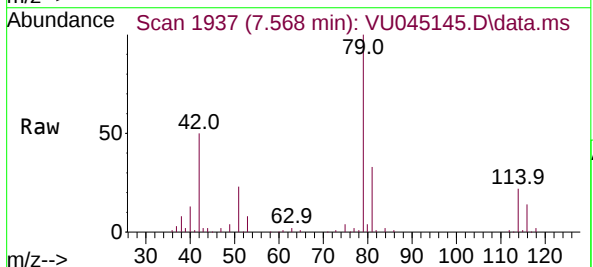
Tgt Ion: 63 Resp: 16937
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

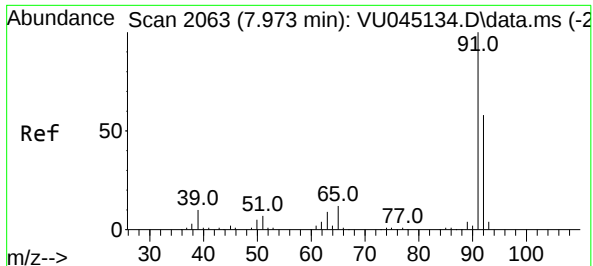


#39

cis-1,3-Dichloropropene
Concen: 0.955 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU045145.D
Acq: 05 Oct 2021 15:20

Tgt Ion: 75 Resp: 4216
Ion Ratio Lower Upper
75 100
77 49.8 22.4 41.6#

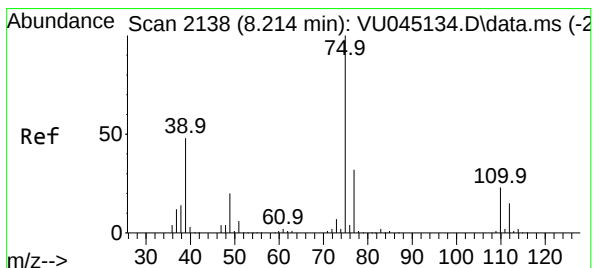
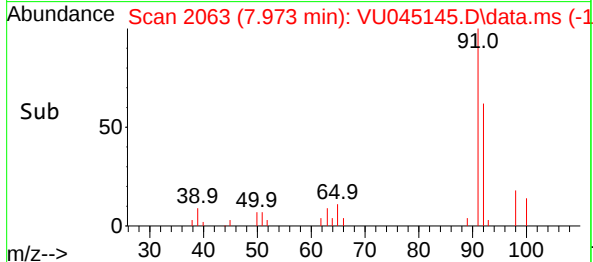
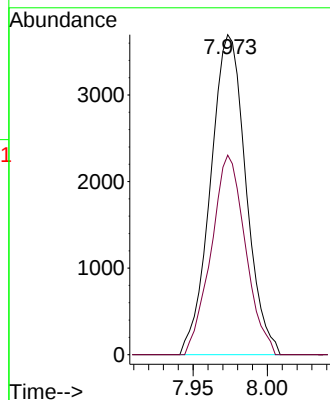
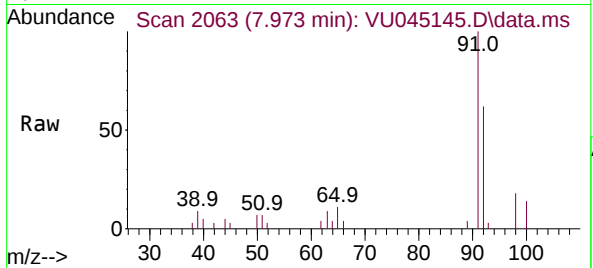




#42
Toluene
Concen: 0.532 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045145.D
Acq: 05 Oct 2021 15:20

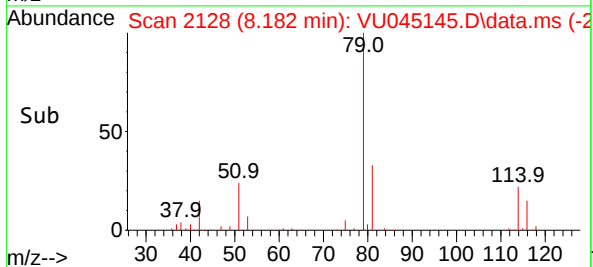
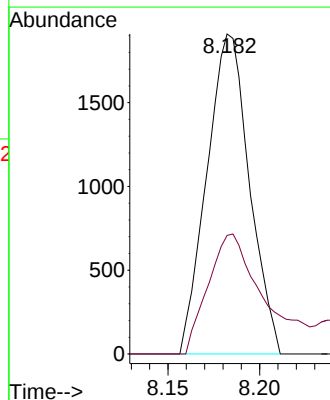
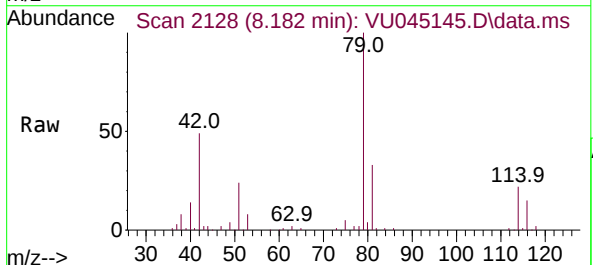
Instrument :
MSVOA_U
ClientSampleId :
F4A24DL

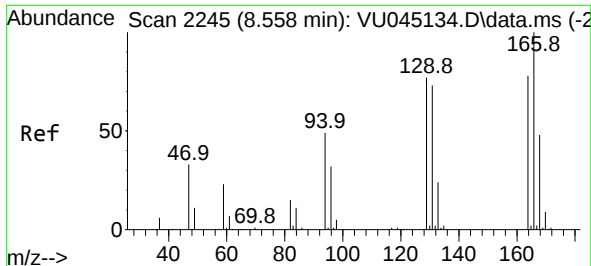
Tgt Ion: 91 Resp: 6122
Ion Ratio Lower Upper
91 100
92 62.3 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.734 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045145.D
Acq: 05 Oct 2021 15:20

Tgt Ion: 75 Resp: 3082
Ion Ratio Lower Upper
75 100
77 37.1 21.7 40.3

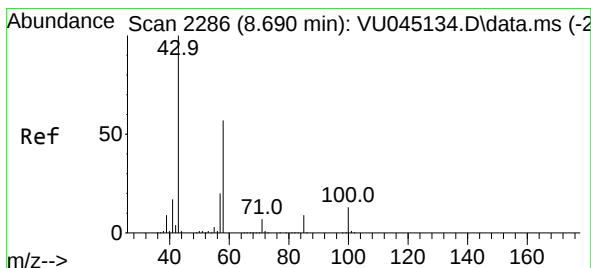
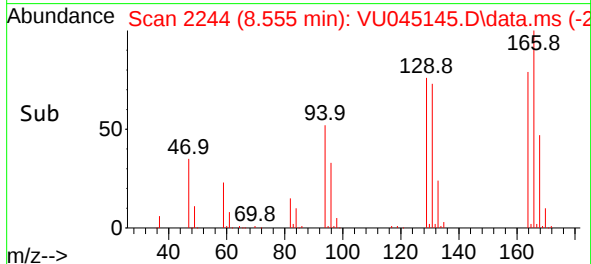
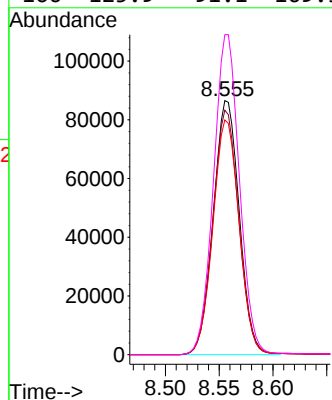
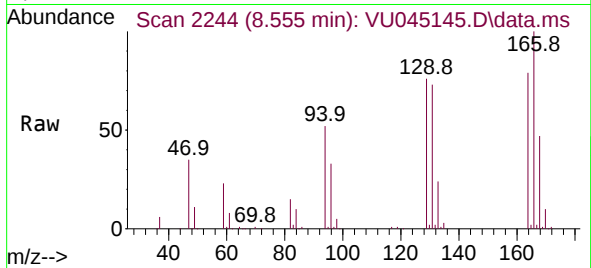




#46
Tetrachloroethene
Concen: 74.774 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU045145.D
Acq: 05 Oct 2021 15:20

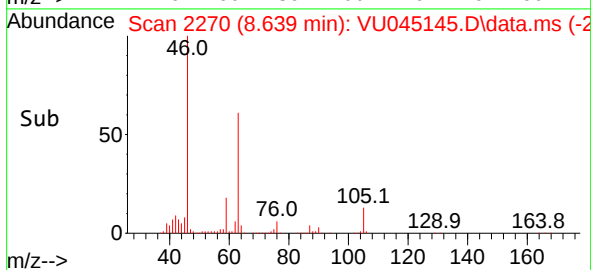
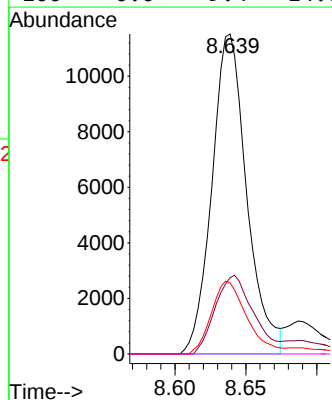
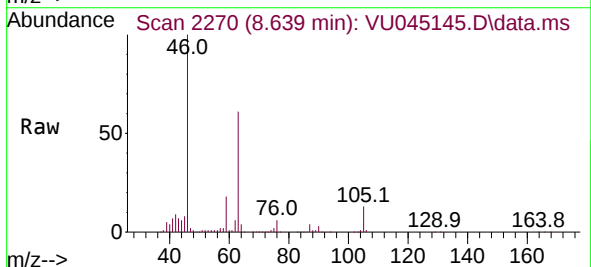
Instrument :
MSVOA_U
ClientSampleId :
F4A24DL

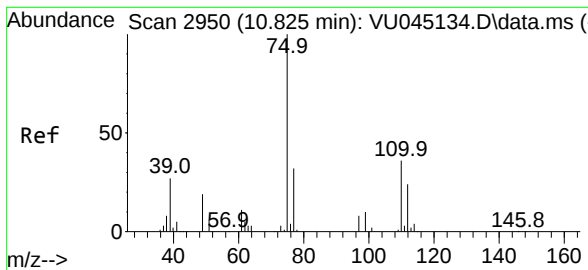
Tgt Ion:164 Resp: 145487
Ion Ratio Lower Upper
164 100
129 96.2 69.8 129.6
131 92.4 66.4 123.2
166 125.9 91.1 169.3



#48
2-Hexanone
Concen: 4.303 ug/L
RT: 8.639 min Scan# 2270
Delta R.T. -0.051 min
Lab File: VU045145.D
Acq: 05 Oct 2021 15:20

Tgt Ion: 43 Resp: 19670
Ion Ratio Lower Upper
43 100
58 27.0 44.9 67.3#
57 23.3 15.5 23.3#
100 0.0 9.4 14.0#





#60
 1,2,3-Trichloropropane
 Concen: 4.903 ug/L
 RT: 11.812 min Scan# 3257
 Delta R.T. 0.987 min
 Lab File: VU045145.D
 Acq: 05 Oct 2021 15:20

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A24DL

Tgt Ion: 75 Resp: 18702
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.5 38.3
 110 2.6 29.0 43.4#

