

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
 Data File : VU048281.D
 Acq On : 25 Apr 2022 20:27
 Operator : SY/MD
 Sample : N2518-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXER7

Quant Time: Apr 26 02:47:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 26 02:41:26 2022
 Response via : Initial Calibration

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

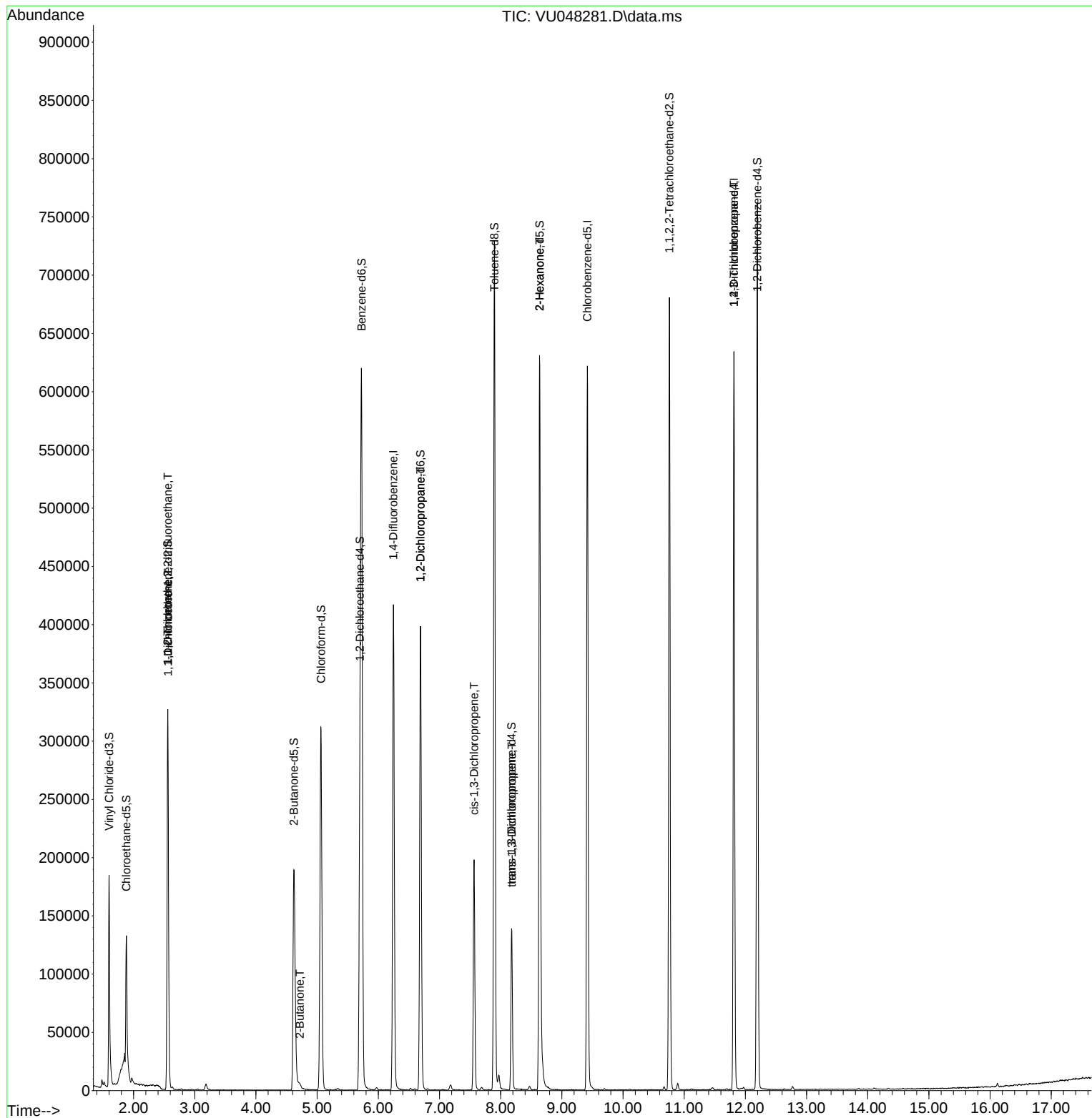
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	360130	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	367916	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	181713	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	150979	45.590	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.180%		
7) Chloroethane-d5	1.884	69	116134	49.959	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.920%		
11) 1,1-Dichloroethene-d2	2.559	63	188970	35.613	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.220%		
21) 2-Butanone-d5	4.620	46	292363	103.508	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.510%		
24) Chloroform-d	5.064	84	277263	46.158	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.320%		
26) 1,2-Dichloroethane-d4	5.700	65	176264	49.457	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.920%		
32) Benzene-d6	5.726	84	586962	50.585	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.160%		
36) 1,2-Dichloropropane-d6	6.690	67	202100	52.683	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	105.360%		
41) Toluene-d8	7.896	98	498755	47.420	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.840%		
43) trans-1,3-Dichloroprop...	8.179	79	80701	47.675	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.360%		
47) 2-Hexanone-d5	8.636	63	225797	109.096	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	109.100%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	345337	51.329	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.660%		
66) 1,2-Dichlorobenzene-d4	12.195	152	217201	53.135	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.280%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	2071	0.763	ug/L #	18
12) 1,1-Dichloroethene	2.562	96	1492	0.630	ug/L #	1
22) 2-Butanone	4.716	43	6034	2.250	ug/L	81
37) 1,2-Dichloropropane	6.690	63	19501	6.292	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	4363	1.001	ug/L #	60
44) trans-1,3-Dichloropropene	8.182	75	3316	0.779	ug/L	98
48) 2-Hexanone	8.636	43	26076	6.680	ug/L #	72
60) 1,2,3-Trichloropropane	11.812	75	19280	4.548	ug/L #	68

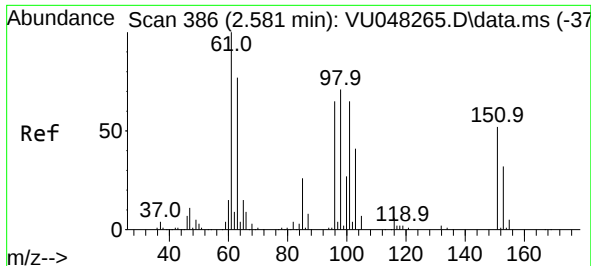
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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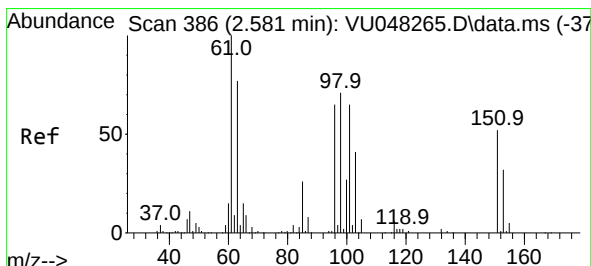
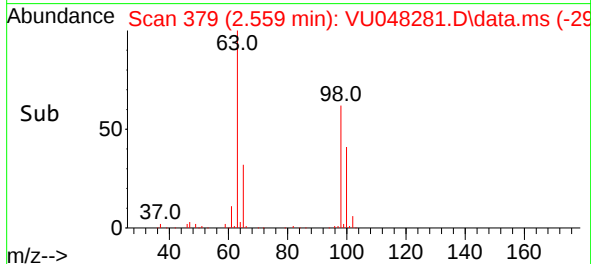
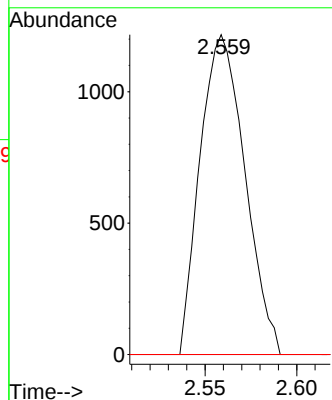
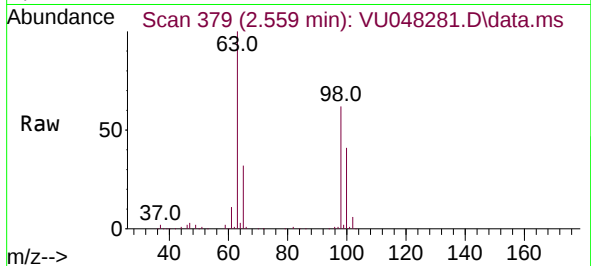




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.763 ug/L
RT: 2.559 min Scan# 31
Delta R.T. -0.022 min
Lab File: VU048281.D
Acq: 25 Apr 2022 20:27

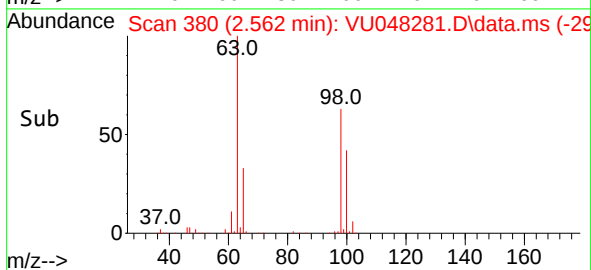
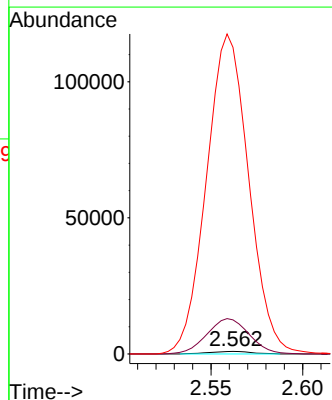
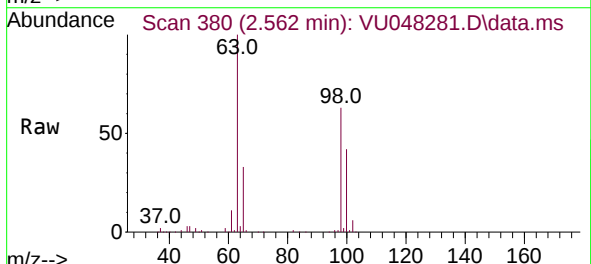
Instrument :
MSVOA_U
ClientSampleId :
EXER7

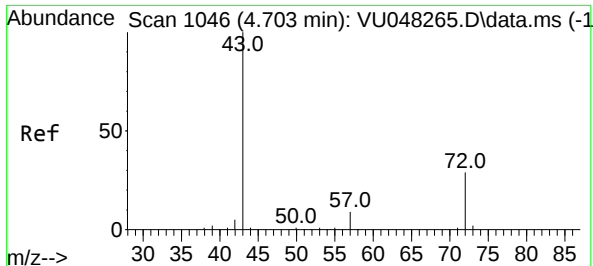
Tgt Ion:101 Resp: 2071
Ion Ratio Lower Upper
101 100
85 0.0 32.6 48.8#
151 0.0 64.1 96.1#



#12
1,1-Dichloroethene
Concen: 0.630 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.019 min
Lab File: VU048281.D
Acq: 25 Apr 2022 20:27

Tgt Ion: 96 Resp: 1492
Ion Ratio Lower Upper
96 100
61 1319.0 107.9 200.3#
63 11841.0 80.3 149.1#





#22

2-Butanone

Concen: 2.250 ug/L

RT: 4.716 min Scan# 1

Delta R.T. 0.013 min

Lab File: VU048281.D

Acq: 25 Apr 2022 20:27

Instrument :

MSVOA_U

ClientSampleId :

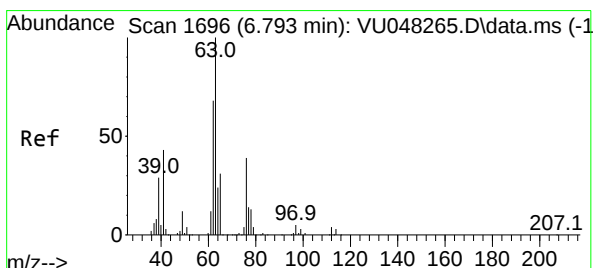
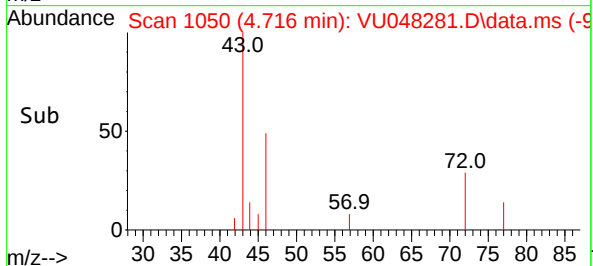
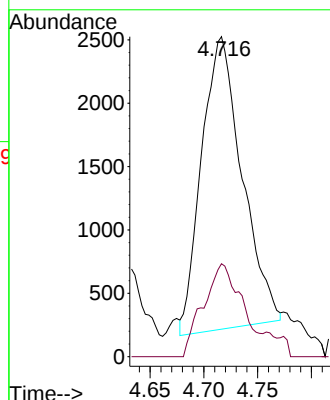
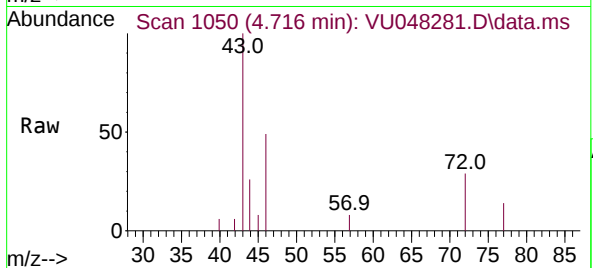
EXER7

Tgt Ion: 43 Resp: 6034

Ion Ratio Lower Upper

43 100

72 18.9 14.6 43.8



#37

1,2-Dichloropropane

Concen: 6.292 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU048281.D

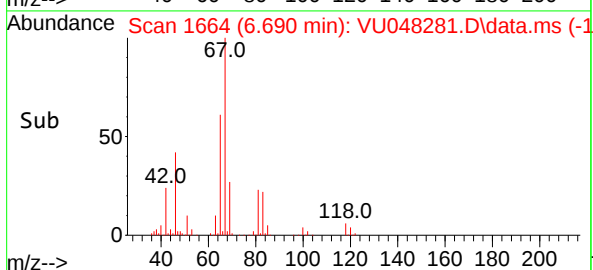
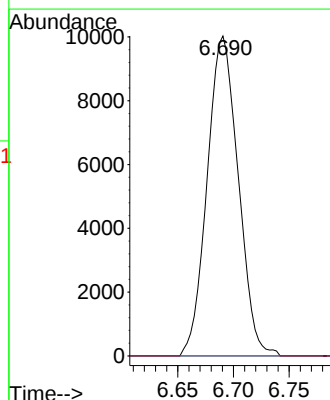
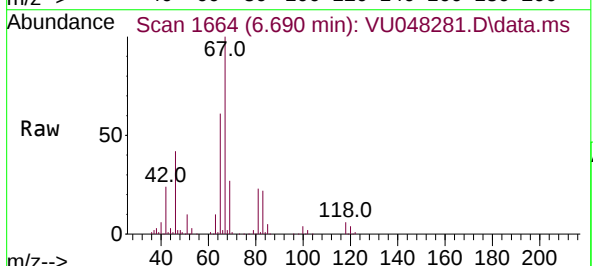
Acq: 25 Apr 2022 20:27

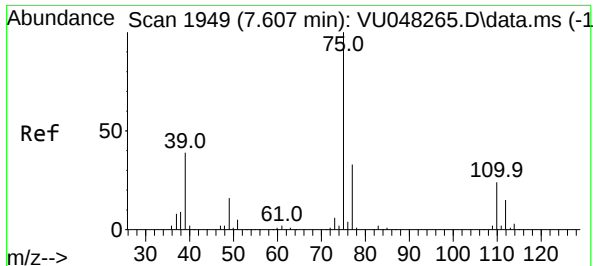
Tgt Ion: 63 Resp: 19501

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 1.001 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU048281.D

Acq: 25 Apr 2022 20:27

Instrument :

MSVOA_U

ClientSampleId :

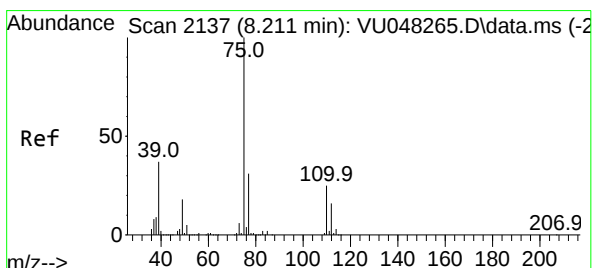
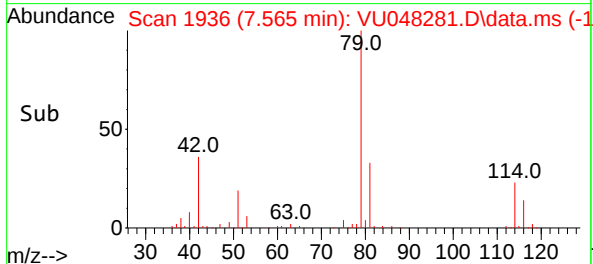
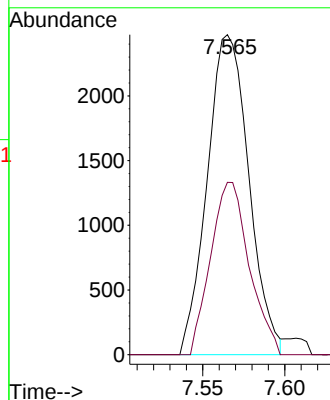
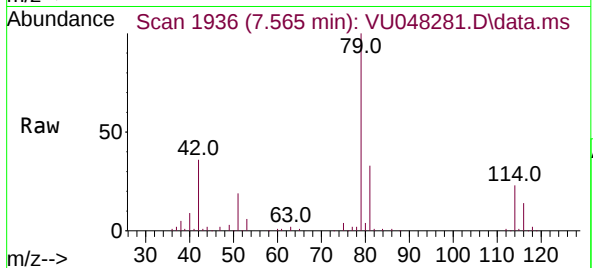
EXER7

Tgt Ion: 75 Resp: 4363

Ion Ratio Lower Upper

75 100

77 53.9 22.0 41.0#



#44

trans-1,3-Dichloropropene

Concen: 0.779 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU048281.D

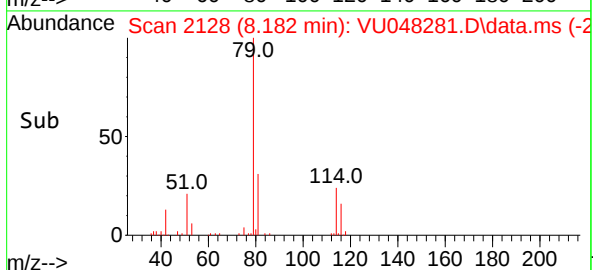
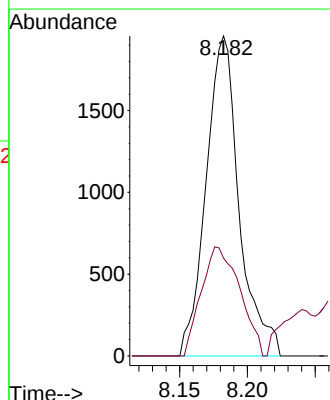
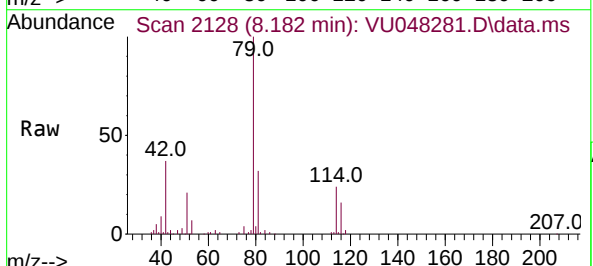
Acq: 25 Apr 2022 20:27

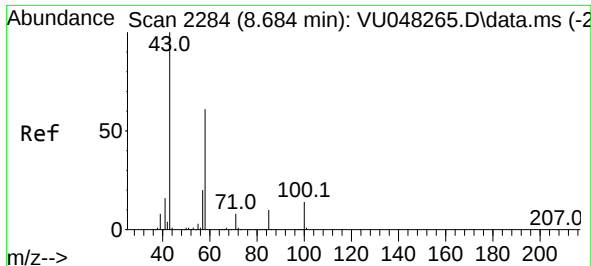
Tgt Ion: 75 Resp: 3316

Ion Ratio Lower Upper

75 100

77 30.5 22.1 41.1

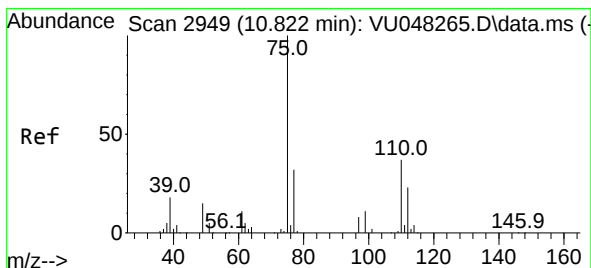
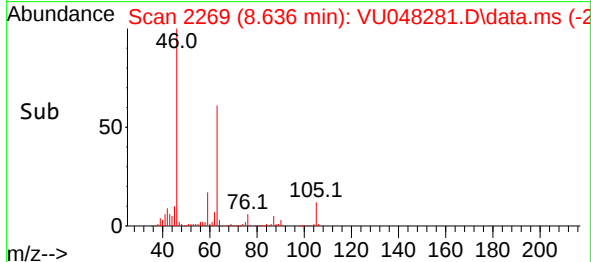
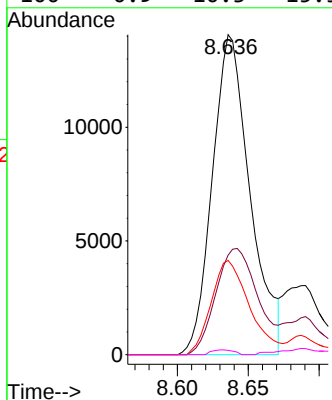
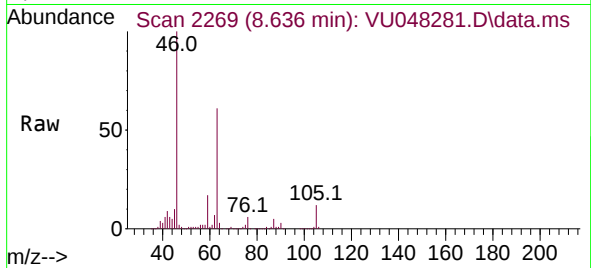




#48
2-Hexanone
Concen: 6.680 ug/L
RT: 8.636 min Scan# 21
Delta R.T. -0.048 min
Lab File: VU048281.D
Acq: 25 Apr 2022 20:27

Instrument :
MSVOA_U
ClientSampleId :
EXER7

Tgt Ion: 43	Resp: 26076
Ion Ratio	Lower Upper
43 100	
58 37.2	48.1 72.1#
57 30.0	16.2 24.4#
100 0.9	10.3 15.5#



#60
1,2,3-Trichloropropane
Concen: 4.548 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU048281.D
Acq: 25 Apr 2022 20:27

Tgt Ion: 75	Resp: 19280
Ion Ratio	Lower Upper
75 100	
77 30.7	25.8 38.8
110 3.0	29.9 44.9#

