

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082922\
 Data File : VU050501.D
 Acq On : 29 Aug 2022 22:17
 Operator : SY/MD
 Sample : N4322-11ME
 Misc : 3.56g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 30 05:30:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 30 05:29:53 2022
 Response via : Initial Calibration

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

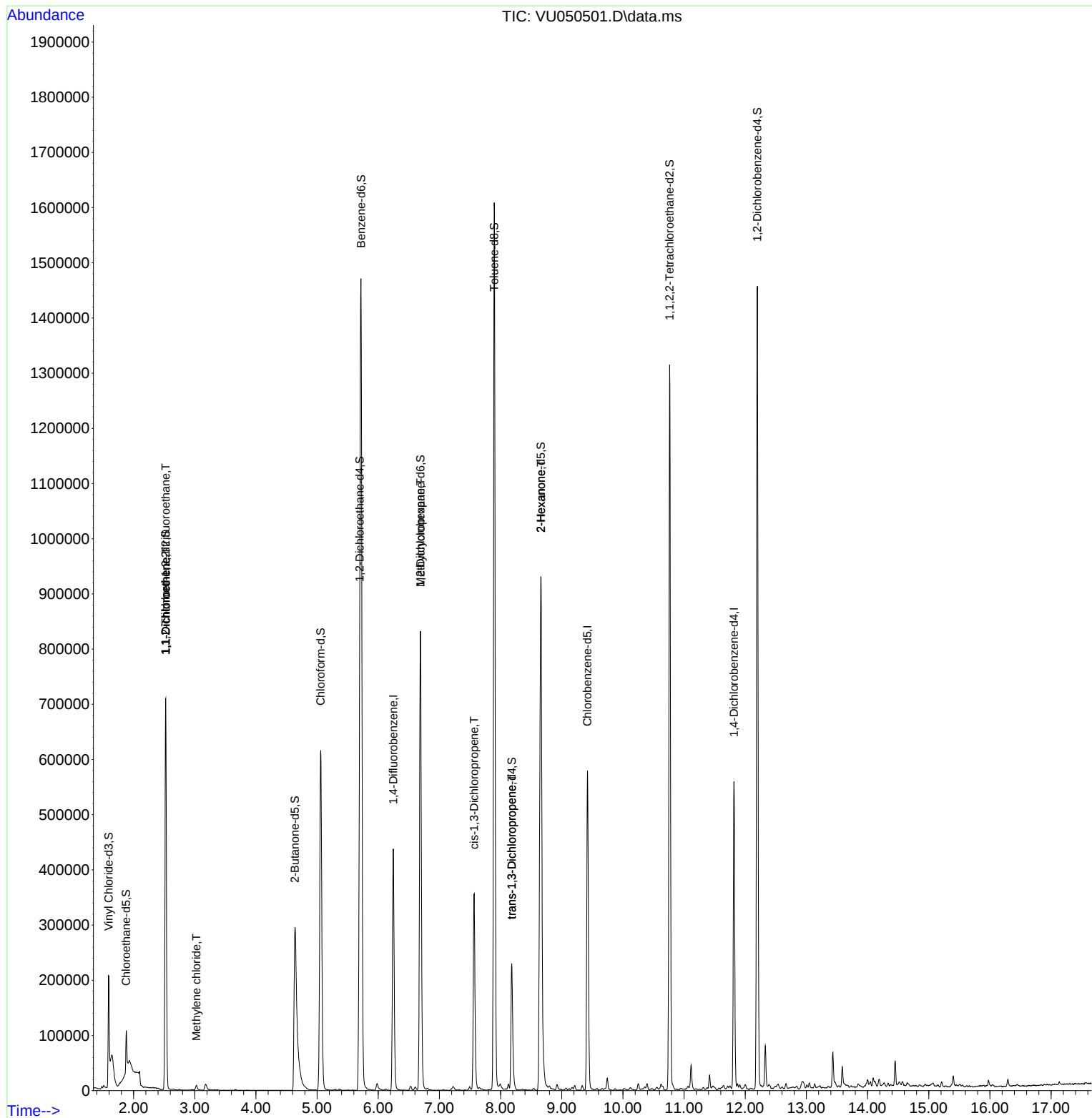
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	372234	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	365815	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	148298	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.591	65	180719	41.059	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	82.120%	
7) Chloroethane-d5	1.880	69	63154	19.391	ug/L	-0.02
Spiked Amount	50.000	Range 70 - 130	Recovery	=	38.780%#	
11) 1,1-Dichloroethene-d2	2.523	63	424668	68.273	ug/L	-0.04
Spiked Amount	50.000	Range 60 - 125	Recovery	=	136.540%#	
21) 2-Butanone-d5	4.639	46	625014	216.951	ug/L	0.01
Spiked Amount	100.000	Range 40 - 130	Recovery	=	216.950%#	
24) Chloroform-d	5.060	84	614253	86.938	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	173.880%#	
26) 1,2-Dichloroethane-d4	5.697	65	403678	91.930	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	183.860%#	
32) Benzene-d6	5.719	84	1305427	96.579	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	193.160%#	
36) 1,2-Dichloropropane-d6	6.690	67	434760	97.092	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	194.180%#	
41) Toluene-d8	7.896	98	1126959	95.284	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	190.560%#	
43) trans-1,3-Dichloroprop...	8.182	79	150983	80.832	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	161.660%#	
47) 2-Hexanone-d5	8.658	63	431568	259.709	ug/L	0.02
Spiked Amount	100.000	Range 45 - 130	Recovery	=	259.710%#	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	682297	98.790	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	197.580%#	
66) 1,2-Dichlorobenzene-d4	12.198	152	389439	109.933	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	219.860%#	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.523	101	4238	1.641	ug/L #	26
12) 1,1-Dichloroethene	2.526	96	3455	1.513	ug/L #	1
16) Methylene chloride	3.028	84	4671	1.468	ug/L	93
35) Methylcyclohexane	6.690	83	98439	26.852	ug/L #	20
39) cis-1,3-Dichloropropene	7.568	75	9277	2.196	ug/L #	63
44) trans-1,3-Dichloropropene	8.182	75	6845	1.738	ug/L	92
48) 2-Hexanone	8.661	43	56496	15.824	ug/L #	85

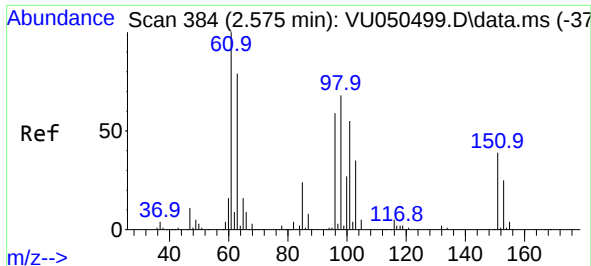
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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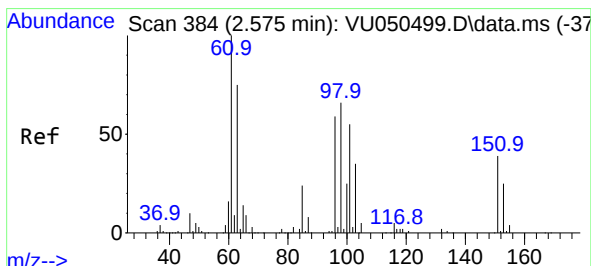
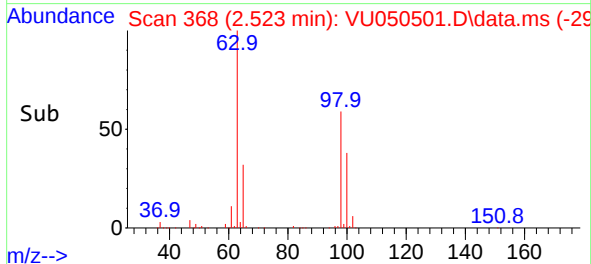
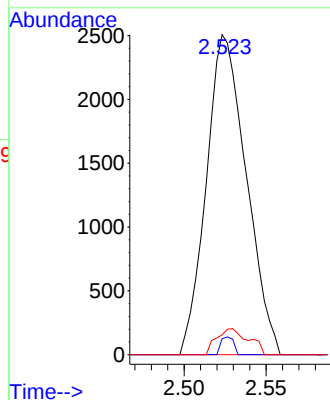
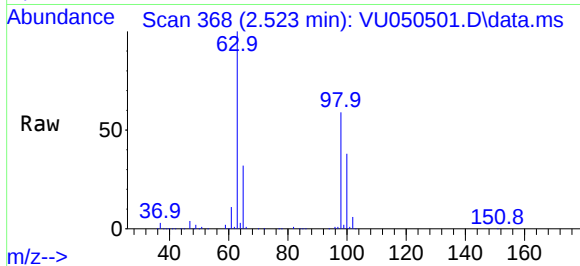




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.641 ug/L
RT: 2.523 min Scan# 301
Delta R.T. -0.051 min
Lab File: VU050501.D
Acq: 29 Aug 2022 22:17

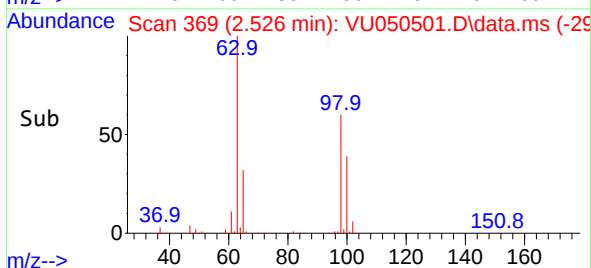
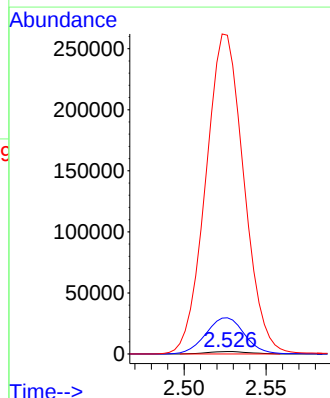
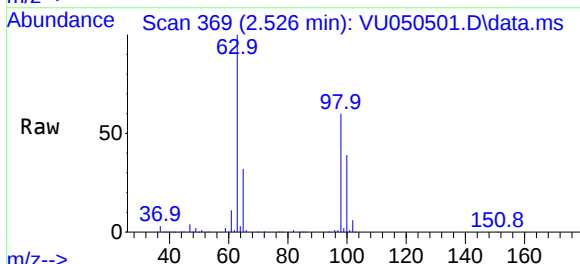
Instrument :
MSVOA_U
ClientSampleId :

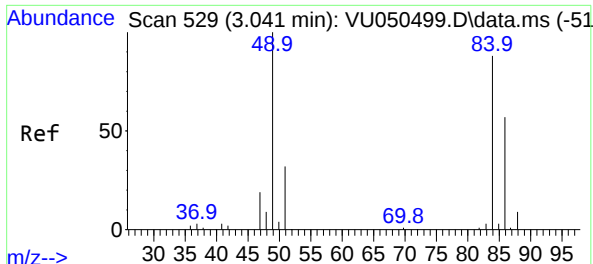
Tgt Ion:101 Resp: 4238
Ion Ratio Lower Upper
101 100
85 1.7 35.3 52.9#
151 5.5 57.3 85.9#



#12
1,1-Dichloroethene
Concen: 1.513 ug/L
RT: 2.526 min Scan# 369
Delta R.T. -0.048 min
Lab File: VU050501.D
Acq: 29 Aug 2022 22:17

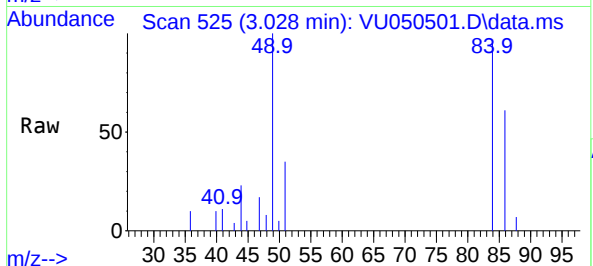
Tgt Ion: 96 Resp: 3455
Ion Ratio Lower Upper
96 100
61 1500.1 116.8 216.8#
63 13201.4 97.4 180.8#



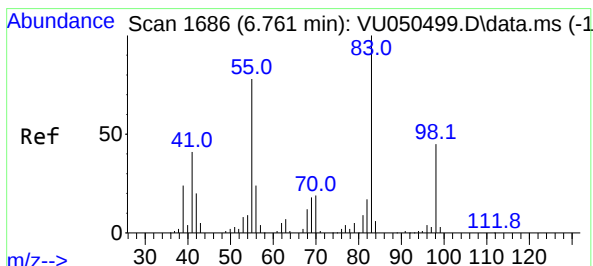
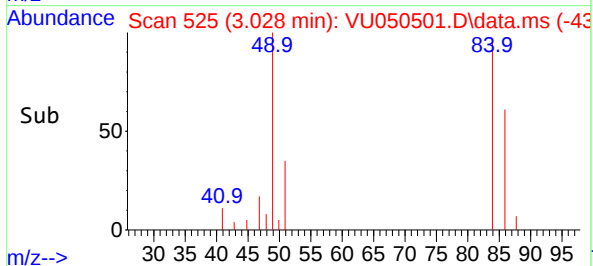
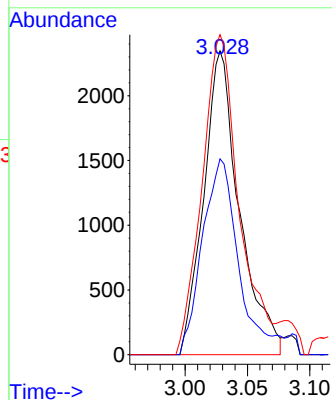


#16
Methylene chloride
Concen: 1.468 ug/L
RT: 3.028 min Scan# 51
Delta R.T. -0.013 min
Lab File: VU050501.D
Acq: 29 Aug 2022 22:17

Instrument :
MSVOA_U
ClientSampleId :

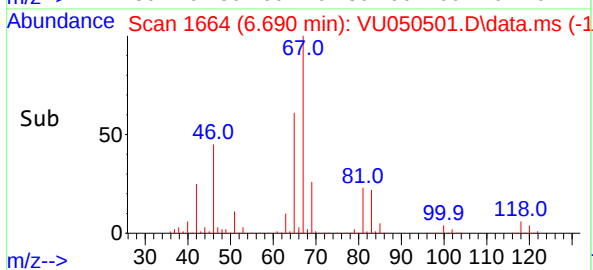
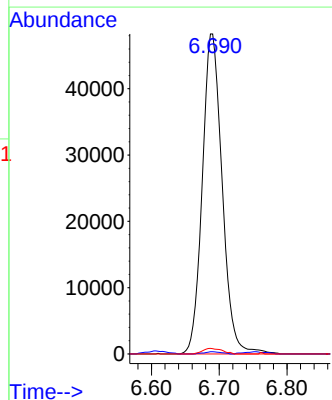
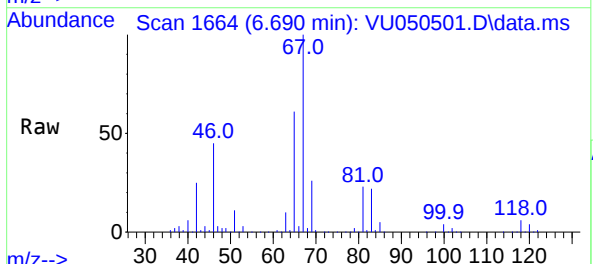


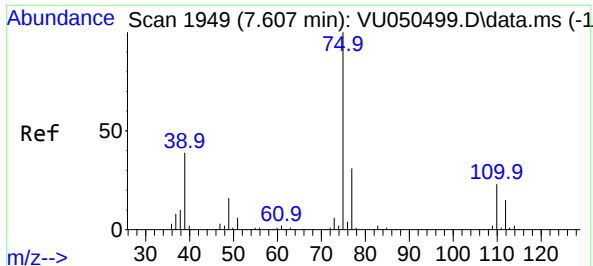
Tgt Ion: 84 Resp: 4671
Ion Ratio Lower Upper
84 100
86 64.5 43.9 81.5
49 105.4 80.4 149.4



#35
Methylcyclohexane
Concen: 26.852 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU050501.D
Acq: 29 Aug 2022 22:17

Tgt Ion: 83 Resp: 98439
Ion Ratio Lower Upper
83 100
55 0.6 61.9 92.9#
98 1.7 35.8 53.8#





#39

cis-1,3-Dichloropropene

Concen: 2.196 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU050501.D

Acq: 29 Aug 2022 22:17

Instrument :

MSVOA_U

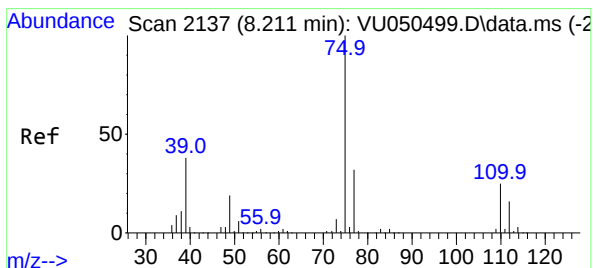
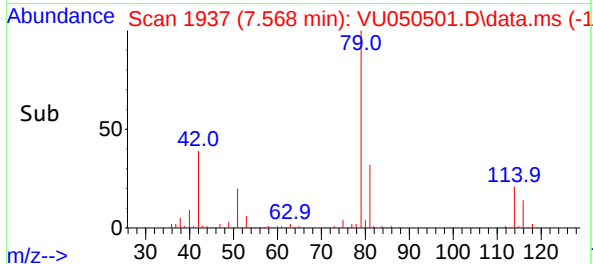
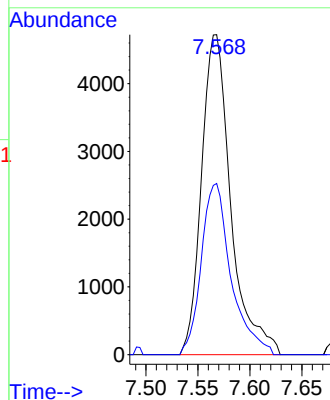
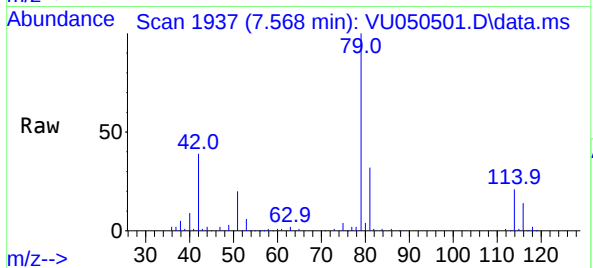
ClientSampleId :

Tgt Ion: 75 Resp: 9277

Ion Ratio Lower Upper

75 100

77 53.5 22.8 42.4#



#44

trans-1,3-Dichloropropene

Concen: 1.738 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU050501.D

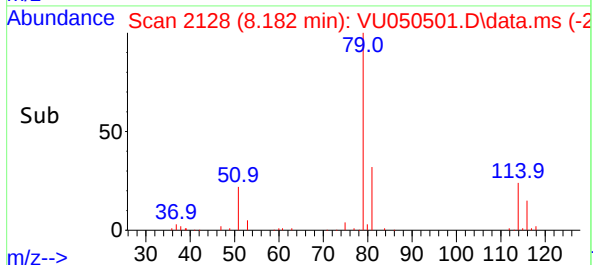
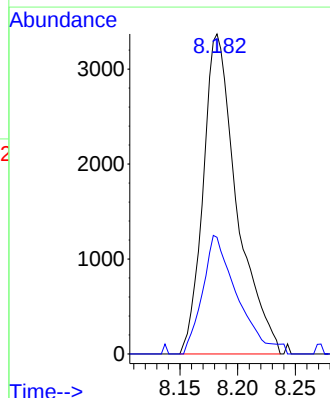
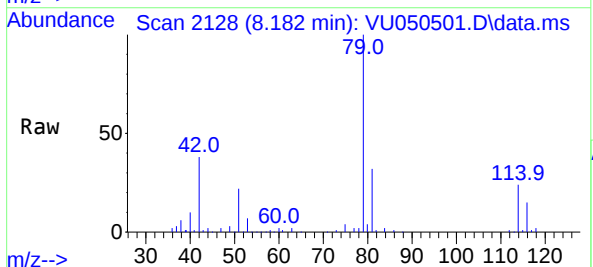
Acq: 29 Aug 2022 22:17

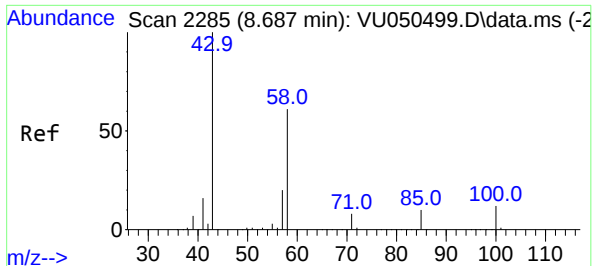
Tgt Ion: 75 Resp: 6845

Ion Ratio Lower Upper

75 100

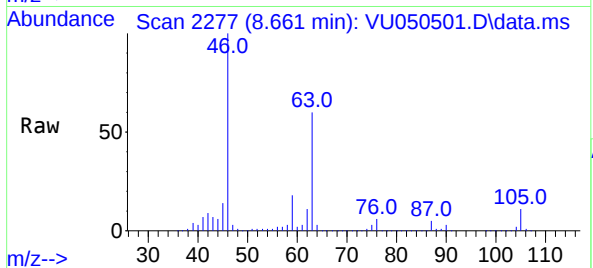
77 36.5 22.5 41.7





#48
 2-Hexanone
 Concen: 15.824 ug/L
 RT: 8.661 min Scan# 21
 Delta R.T. -0.026 min
 Lab File: VU050501.D
 Acq: 29 Aug 2022 22:17

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 43 Resp: 56496

Ion	Ratio	Lower	Upper
43	100		
58	53.5	47.9	71.9
57	30.4	15.4	23.0#
100	0.1	9.0	13.6#

