

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082922\
 Data File : VU050485.D
 Acq On : 29 Aug 2022 15:24
 Operator : SY/MD
 Sample : N4399-05 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 30 02:15:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 30 02:11:49 2022
 Response via : Initial Calibration

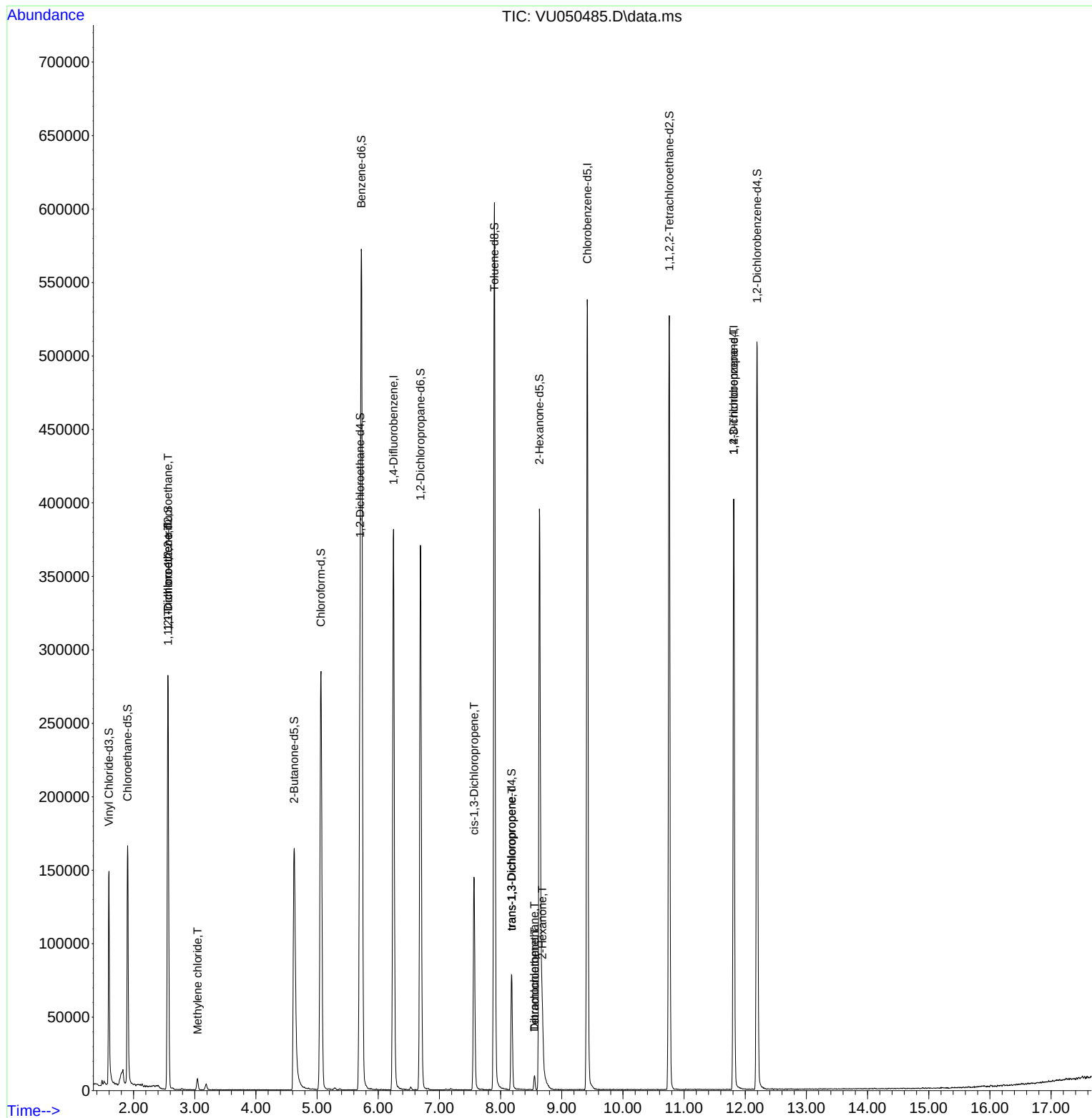
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	307956	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	307090	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	111336	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	113061	31.049	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	62.100%	
7) Chloroethane-d5	1.903	69	124524	46.216	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	92.440%	
11) 1,1-Dichloroethene-d2	2.562	63	166410	32.337	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	64.680%	
21) 2-Butanone-d5	4.626	46	248883	104.423	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	104.420%	
24) Chloroform-d	5.063	84	269417	46.091	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.180%	
26) 1,2-Dichloroethane-d4	5.703	65	177355	48.819	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.640%	
32) Benzene-d6	5.726	84	533430	47.011	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.020%	
36) 1,2-Dichloropropane-d6	6.690	67	184086	48.972	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	97.940%	
41) Toluene-d8	7.899	98	418203	42.121	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	84.240%	
43) trans-1,3-Dichloroprop...	8.179	79	46237	29.488	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	58.980%#	
47) 2-Hexanone-d5	8.636	63	125300	89.822	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	89.820%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	273159	47.114	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	94.220%	
66) 1,2-Dichlorobenzene-d4	12.195	152	138907	52.229	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	104.460%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1428	0.668	ug/L #	21
12) 1,1-Dichloroethene	2.562	96	1349	0.714	ug/L #	1
16) Methylene chloride	3.044	84	3670	1.394	ug/L	89
39) cis-1,3-Dichloropropene	7.568	75	3464	0.977	ug/L #	64
44) trans-1,3-Dichloropropene	8.182	75	2104	0.636	ug/L	91
46) Tetrachloroethene	8.555	164	2000	1.237	ug/L	95
48) 2-Hexanone	8.684	43	20782	6.934	ug/L #	71
49) Dibromochloromethane	8.552	129	1921	0.698	ug/L #	9
60) 1,2,3-Trichloropropane	11.812	75	13312	4.640	ug/L #	68

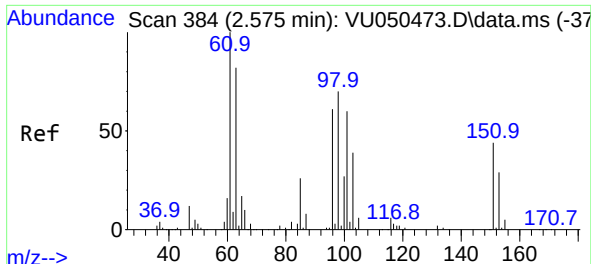
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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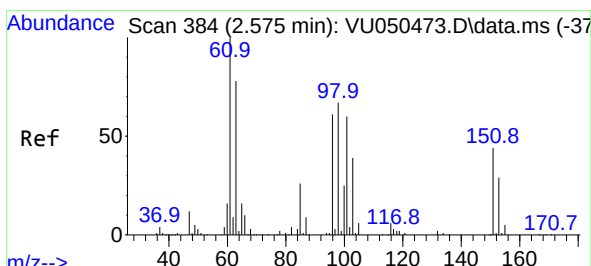
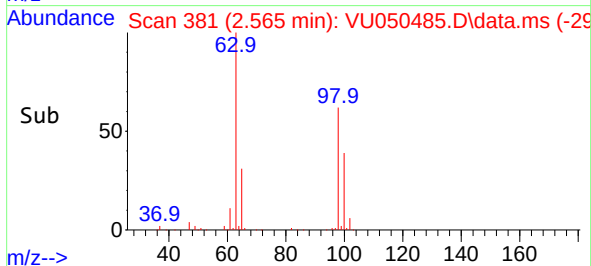
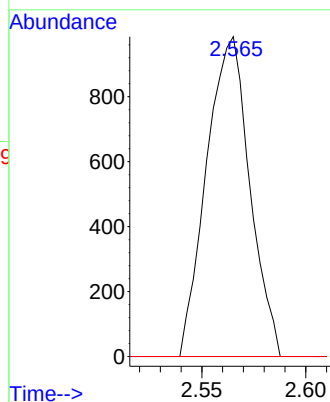
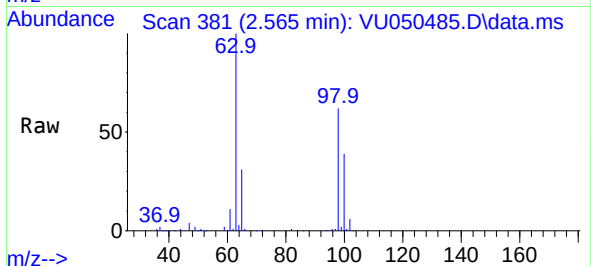




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.668 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.009 min
Lab File: VU050485.D
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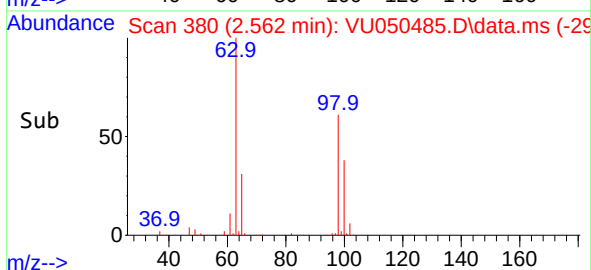
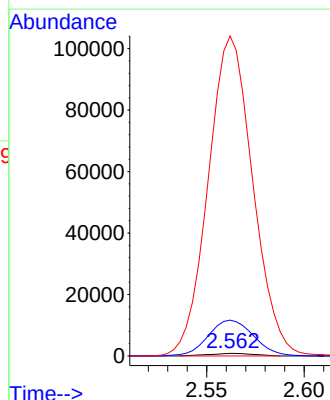
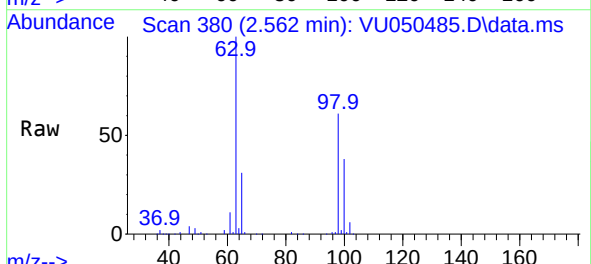
Instrument :
MSVOA_U
ClientSampleId :

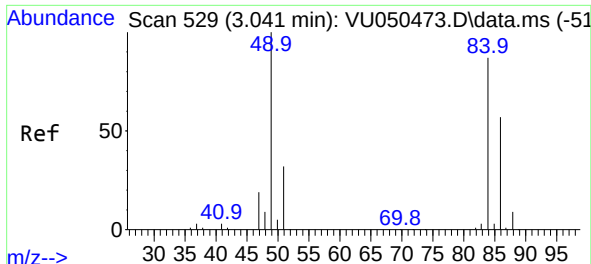
Tgt Ion:101 Resp: 1428
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 57.3 85.9#



#12
1,1-Dichloroethene
Concen: 0.714 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU050485.D
Acq: 29 Aug 2022 15:24

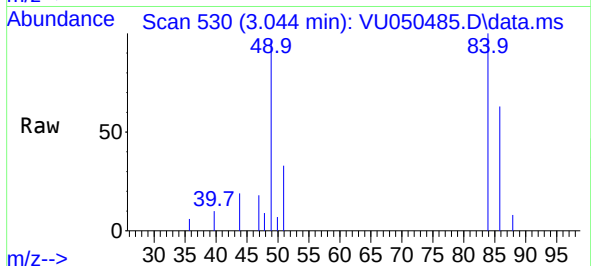
Tgt Ion: 96 Resp: 1349
Ion Ratio Lower Upper
96 100
61 1396.4 116.8 216.8#
63 12455.5 97.4 180.8#



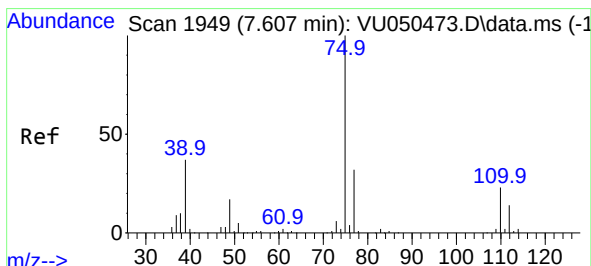
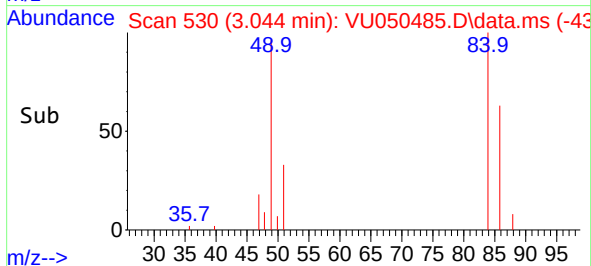
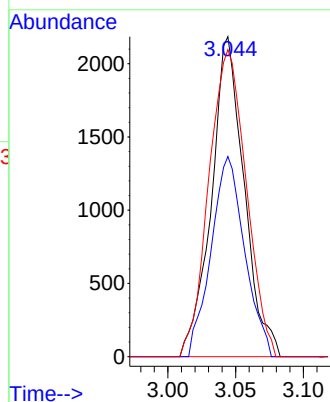


#16
Methylene chloride
Concen: 1.394 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU050485.D
Acq: 29 Aug 2022 15:24

Instrument :
MSVOA_U
ClientSampleId :

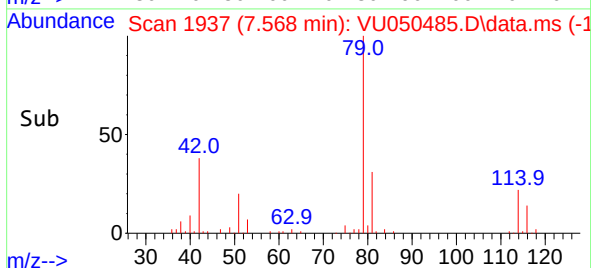
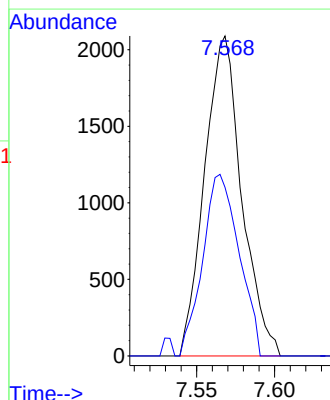
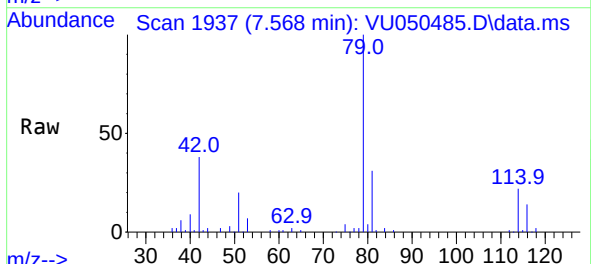


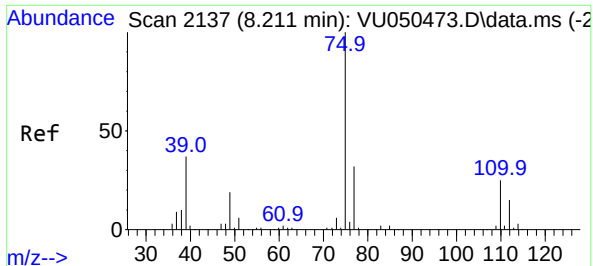
Tgt Ion: 84 Resp: 3670
Ion Ratio Lower Upper
84 100
86 62.6 43.9 81.5
49 96.0 80.4 149.4



#39
cis-1,3-Dichloropropene
Concen: 0.977 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.038 min
Lab File: VU050485.D
Acq: 29 Aug 2022 15:24

Tgt Ion: 75 Resp: 3464
Ion Ratio Lower Upper
75 100
77 52.7 22.8 42.4#

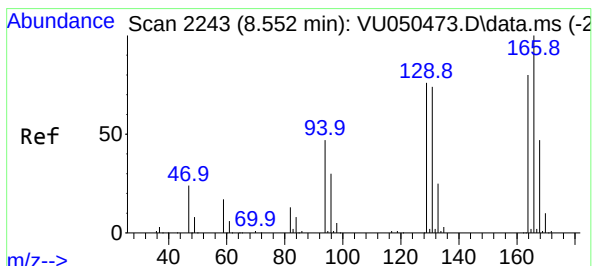
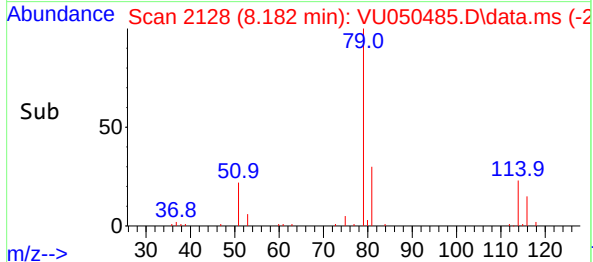
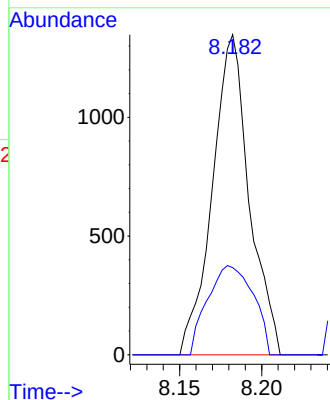
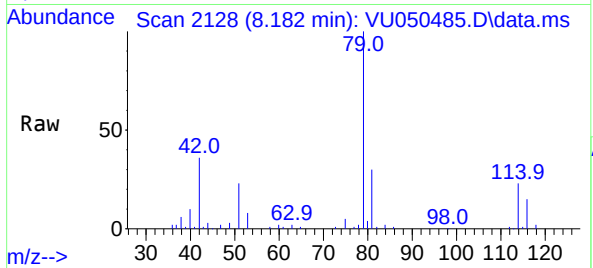




#44
trans-1,3-Dichloropropene
Concen: 0.636 ug/L
RT: 8.182 min Scan# 2137
Delta R.T. -0.029 min
Lab File: VU050485.D
Acq: 29 Aug 2022 15:24

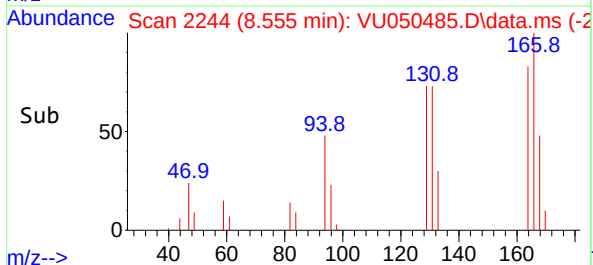
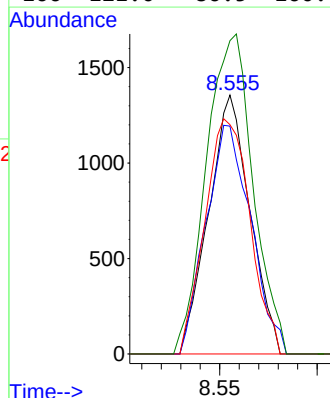
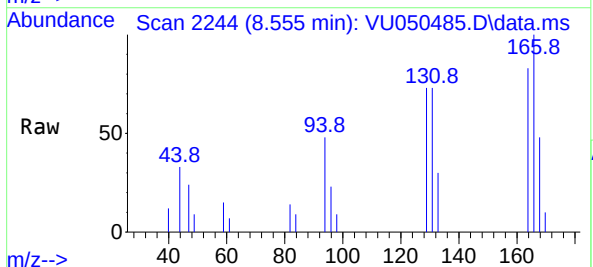
Instrument :
MSVOA_U
ClientSampleId :

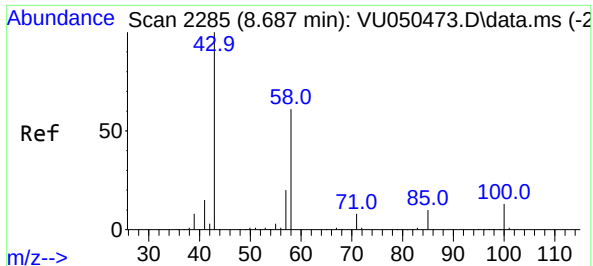
Tgt Ion: 75 Resp: 2104
Ion Ratio Lower Upper
75 100
77 27.2 22.5 41.7



#46
Tetrachloroethene
Concen: 1.237 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU050485.D
Acq: 29 Aug 2022 15:24

Tgt Ion:164 Resp: 2000
Ion Ratio Lower Upper
164 100
129 88.0 68.0 126.4
131 88.6 65.4 121.4
166 121.0 86.5 160.7

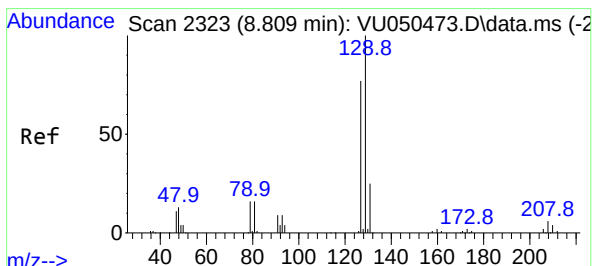
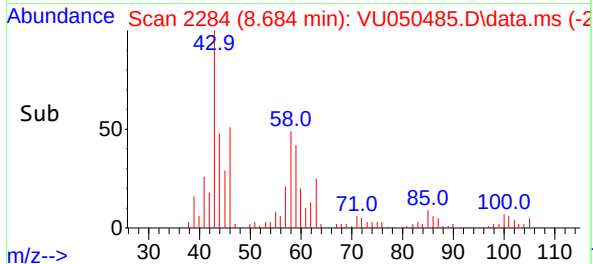
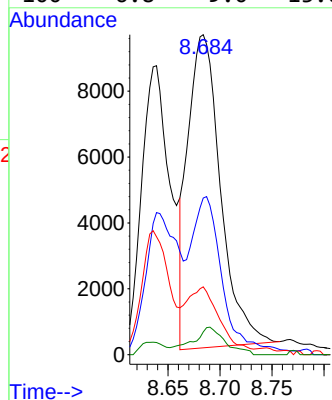
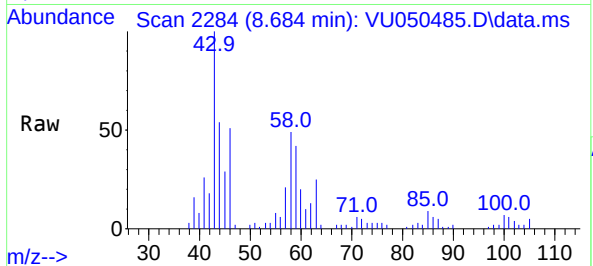




#48
2-Hexanone
Concen: 6.934 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050485.D
Acq: 29 Aug 2022 15:24

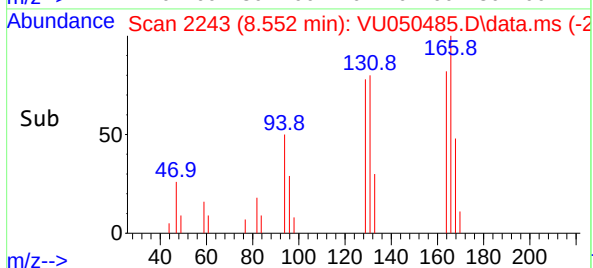
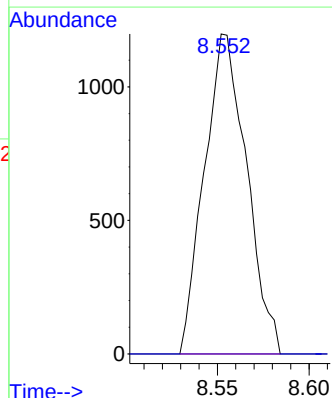
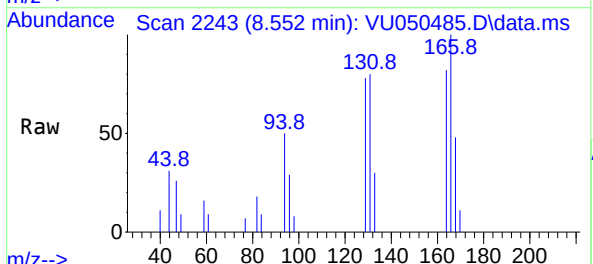
Instrument :
MSVOA_U
ClientSampleId :

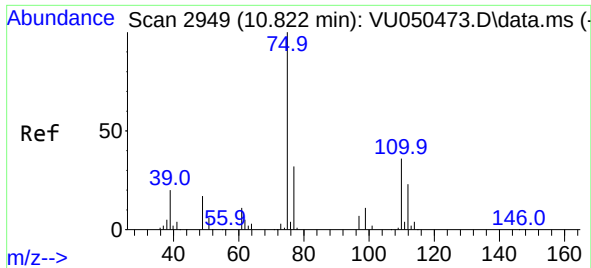
Tgt Ion: 43 Resp: 20782
Ion Ratio Lower Upper
43 100
58 39.1 47.9 71.9#
57 0.0 15.4 23.0#
100 6.8 9.0 13.6#



#49
Dibromochloromethane
Concen: 0.698 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.257 min
Lab File: VU050485.D
Acq: 29 Aug 2022 15:24

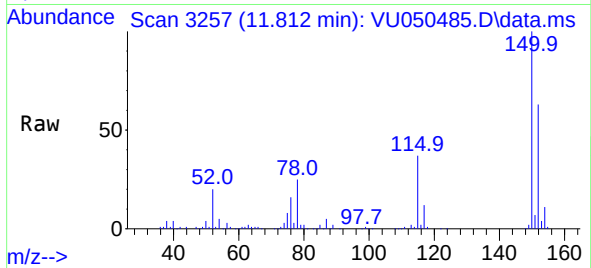
Tgt Ion:129 Resp: 1921
Ion Ratio Lower Upper
129 100
127 0.0 55.9 103.7#





#60
1,2,3-Trichloropropane
Concen: 4.640 ug/L
RT: 11.812 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU050485.D
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Tgt Ion:	75	Resp:	13312
Ion	Ratio	Lower	Upper
75	100		
77	33.2	25.7	38.5
110	2.2	29.0	43.4#

