

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112023\
 Data File : VU056526.D
 Acq On : 20 Nov 2023 14:49
 Operator : MD/SY
 Sample : 05411-10DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 00:40:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 21 00:36:07 2023
 Response via : Initial Calibration

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

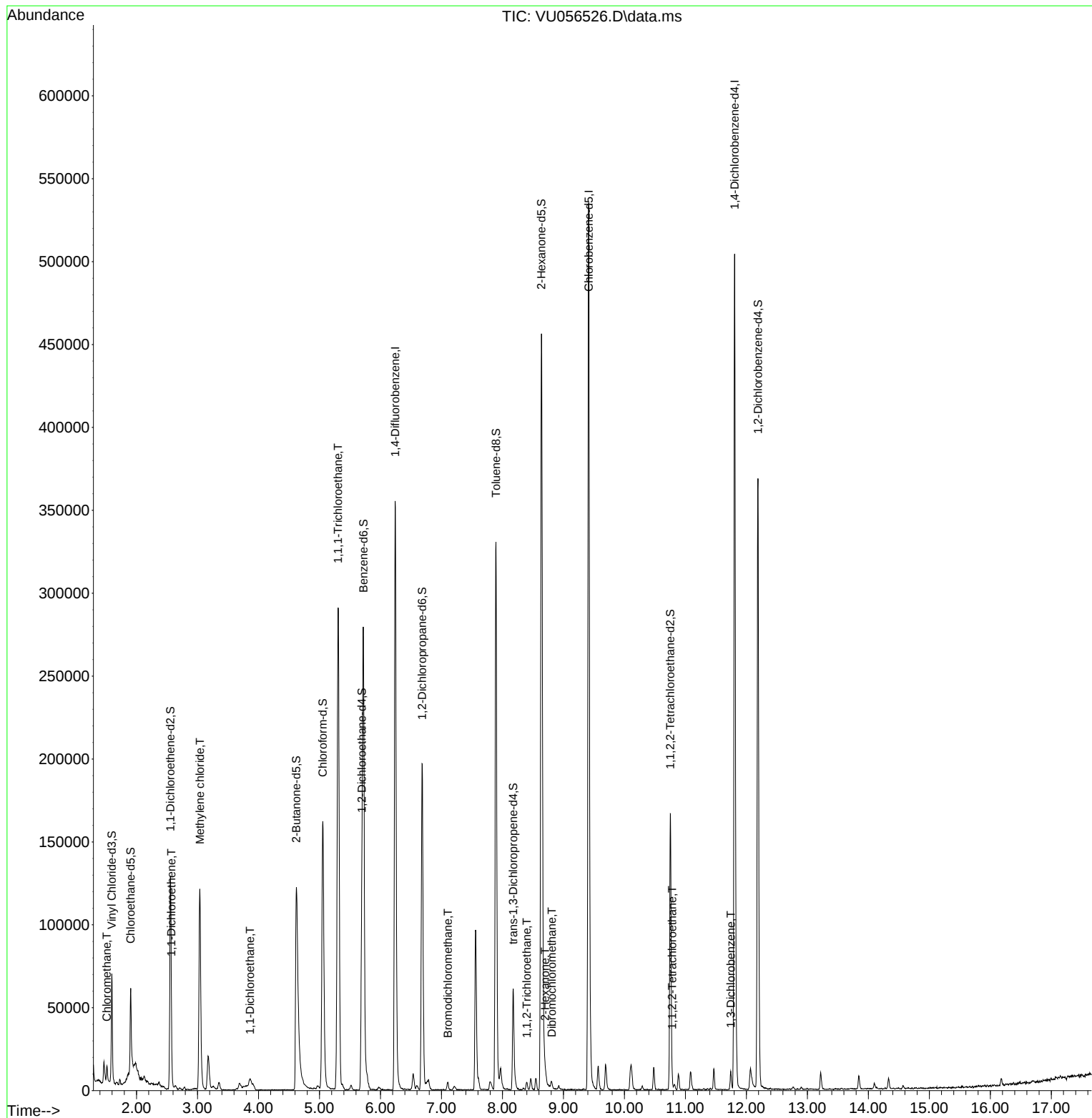
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	290852	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	304851	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	129482	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	49174	2.260	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	45.200%
7) Chloroethane-d5	1.904	69	37339	2.239	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	44.800%#
11) 1,1-Dichloroethene-d2	2.557	65	24407	2.542	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.800%#
20) 2-Butanone-d5	4.621	46	203075	46.814	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.620%
24) Chloroform-d	5.055	84	154946	3.682	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.600%
26) 1,2-Dichloroethane-d4	5.695	65	78113	4.017	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
32) Benzene-d6	5.721	84	265591	2.924	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	58.400%#
36) 1,2-Dichloropropane-d6	6.685	67	97505	3.562	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.200%
41) Toluene-d8	7.894	98	227069	2.831	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	56.600%#
43) trans-1,3-Dichloroprop...	8.177	79	35954	3.425	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.400%
46) 2-Hexanone-d5	8.640	63	187165	45.365	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.740%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	82743	4.230	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	95944	4.011	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.200%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	6724	0.286	ug/L	99
12) 1,1-Dichloroethene	2.573	96	3349	0.188	ug/L #	1
16) Methylene chloride	3.039	84	65508	2.780	ug/L	95
19) 1,1-Dichloroethane	3.862	63	5131	0.141	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	219467	6.272	ug/L	99
38) Bromodichloromethane	7.106	83	3200	0.109	ug/L #	96
45) 1,1,2-Trichloroethane	8.399	97	1521	0.101	ug/L #	77
48) 2-Hexanone	8.701	43	5549	0.633	ug/L #	36
49) Dibromochloromethane	8.807	129	1950	0.114	ug/L	79
57) 1,1,2,2-Tetrachloroethane	10.785	83	2313	0.125	ug/L #	95
64) 1,3-Dichlorobenzene	11.746	146	4868	0.128	ug/L	93

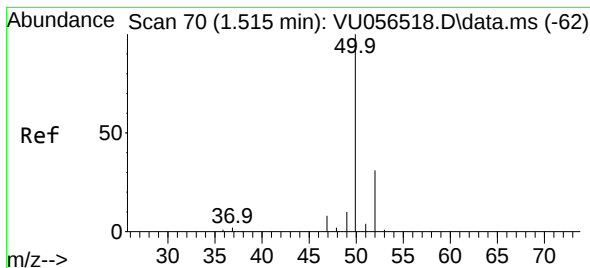
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.286 ug/L

RT: 1.515 min Scan# 70

Delta R.T. 0.000 min

Lab File: VU056526.D

Acq: 20 Nov 2023 14:49

Instrument :

MSVOA_U

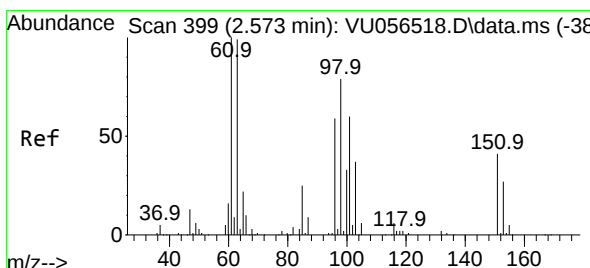
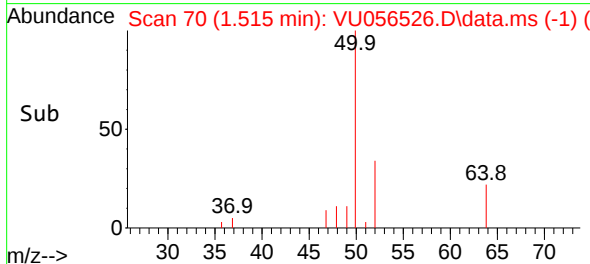
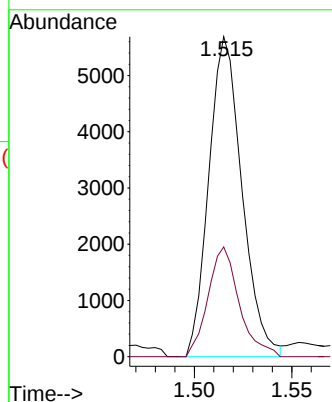
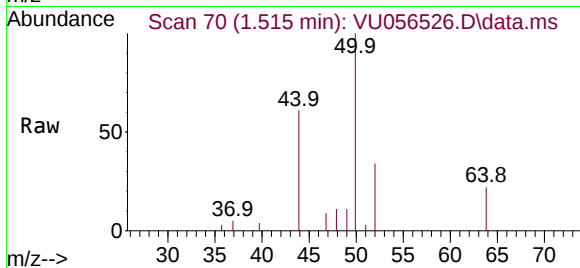
ClientSampleId :

Tgt Ion: 50 Resp: 6724

Ion Ratio Lower Upper

50 100

52 34.3 24.3 45.1



#12

1,1-Dichloroethene

Concen: 0.188 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU056526.D

Acq: 20 Nov 2023 14:49

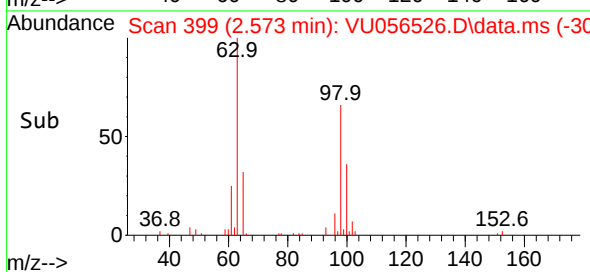
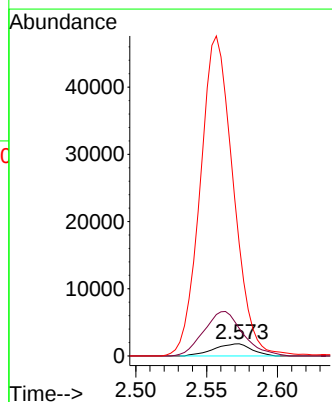
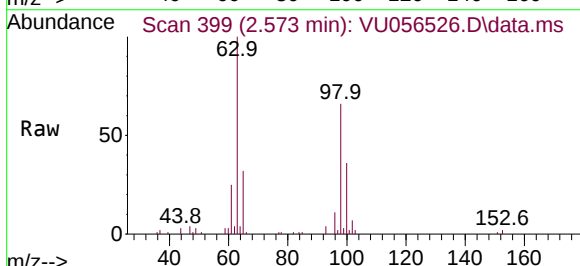
Tgt Ion: 96 Resp: 3349

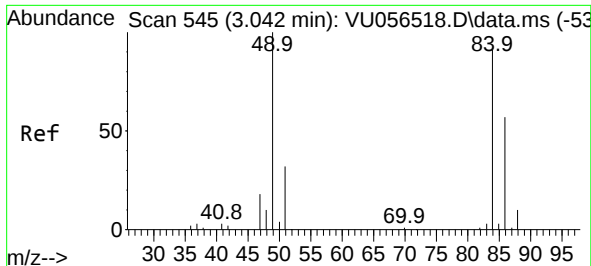
Ion Ratio Lower Upper

96 100

61 227.2 123.1 228.7

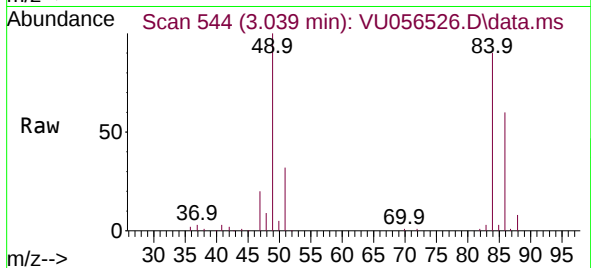
63 925.2 93.3 173.3#





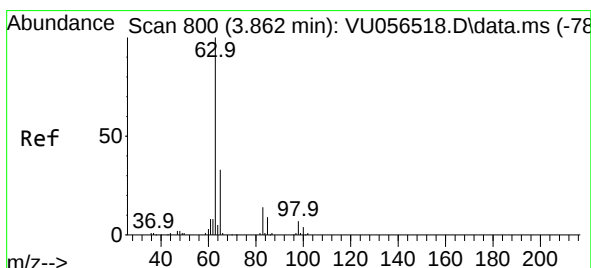
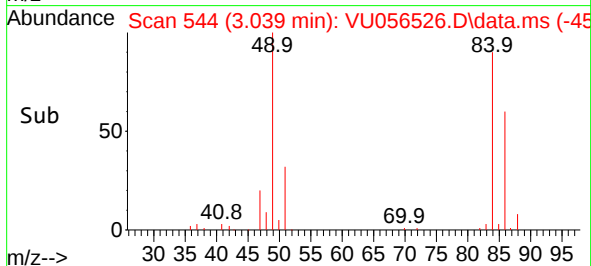
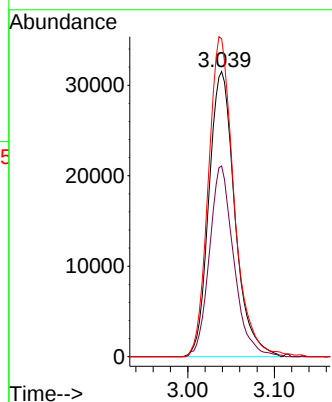
#16
Methylene chloride
Concen: 2.780 ug/L
RT: 3.039 min Scan# 545
Delta R.T. -0.003 min
Lab File: VU056526.D
Acq: 20 Nov 2023 14:49

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 65508

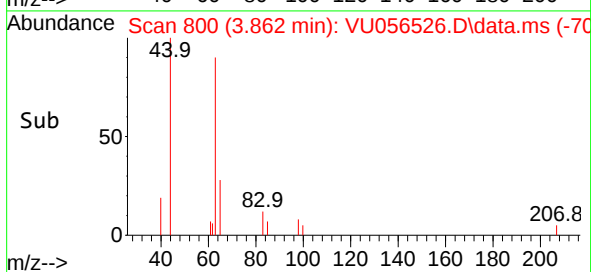
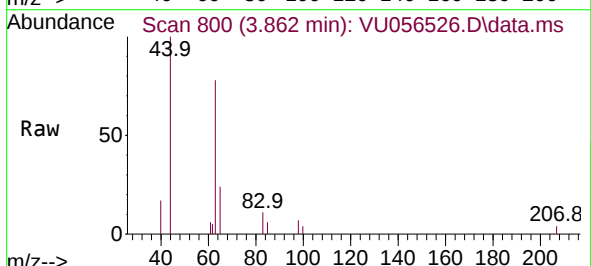
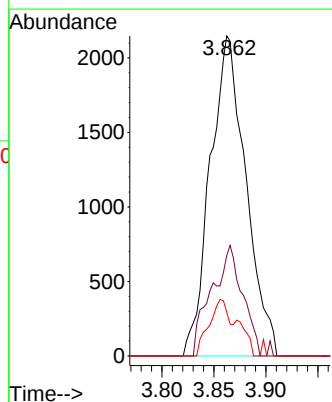
Ion	Ratio	Lower	Upper
84	100		
86	66.9	44.7	83.1
49	111.5	81.8	152.0

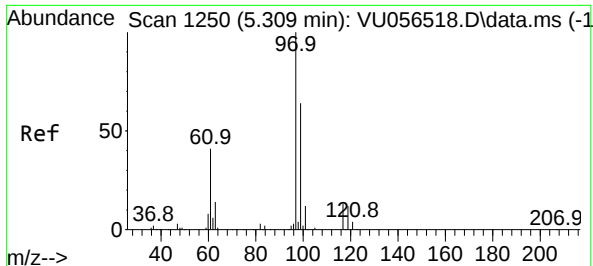


#19
1,1-Dichloroethane
Concen: 0.141 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU056526.D
Acq: 20 Nov 2023 14:49

Tgt Ion: 63 Resp: 5131

Ion	Ratio	Lower	Upper
63	100		
65	31.4	21.8	40.6
83	13.7	9.7	17.9

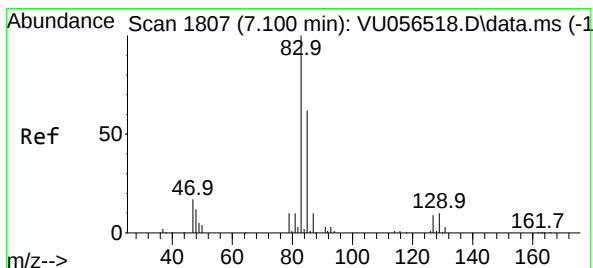
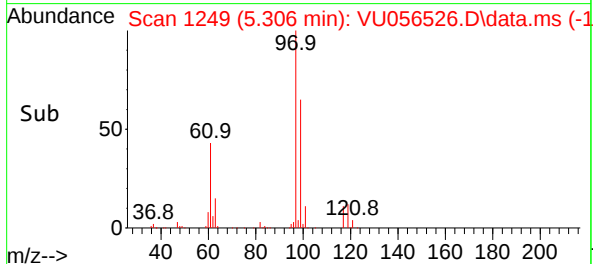
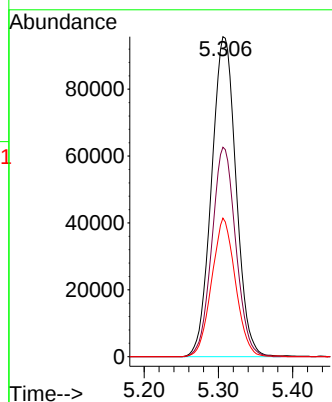
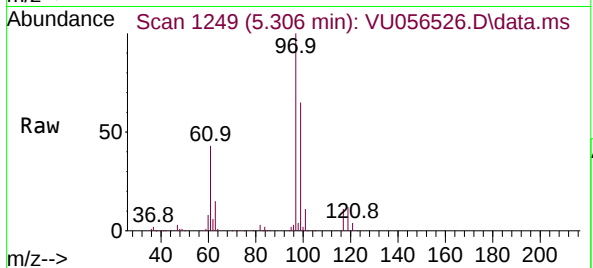




#29
1,1,1-Trichloroethane
Concen: 6.272 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU056526.D
Acq: 20 Nov 2023 14:49

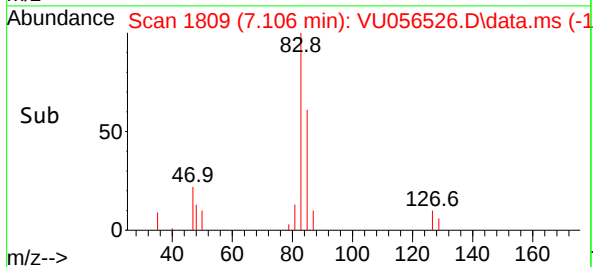
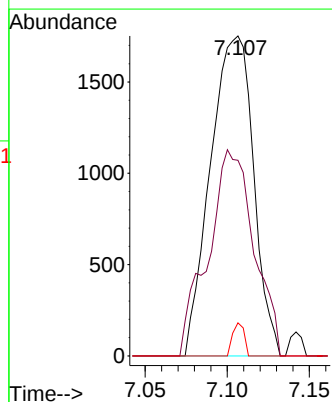
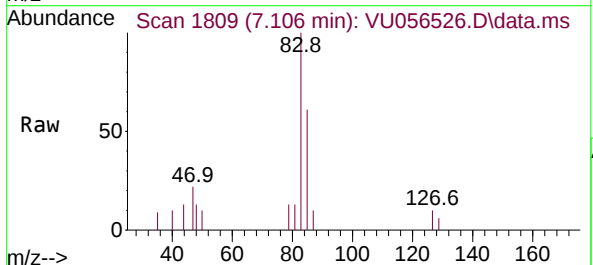
Instrument :
MSVOA_U
ClientSampleId :

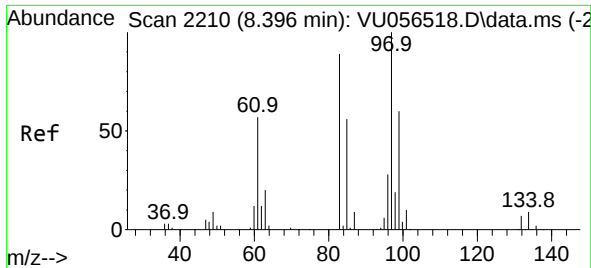
Tgt Ion: 97 Resp: 219467
Ion Ratio Lower Upper
97 100
99 64.0 51.6 77.4
61 41.9 34.3 51.5



#38
Bromodichloromethane
Concen: 0.109 ug/L
RT: 7.106 min Scan# 1809
Delta R.T. 0.007 min
Lab File: VU056526.D
Acq: 20 Nov 2023 14:49

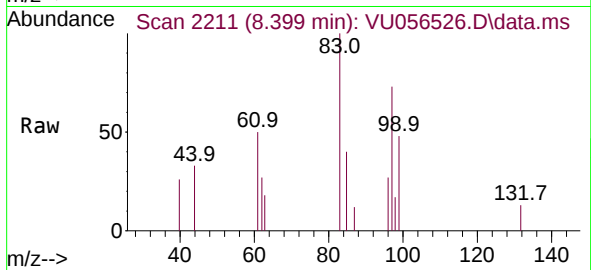
Tgt Ion: 83 Resp: 3200
Ion Ratio Lower Upper
83 100
85 61.1 44.9 83.5
127 10.3 6.9 10.3#



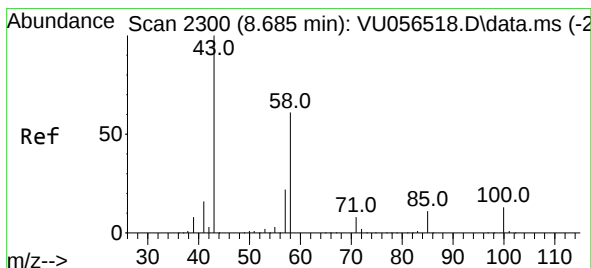
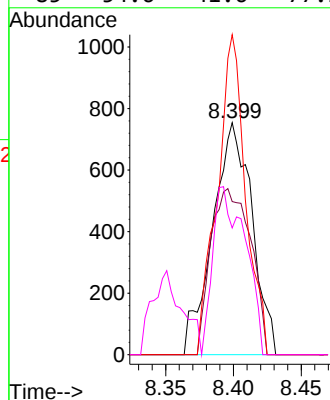
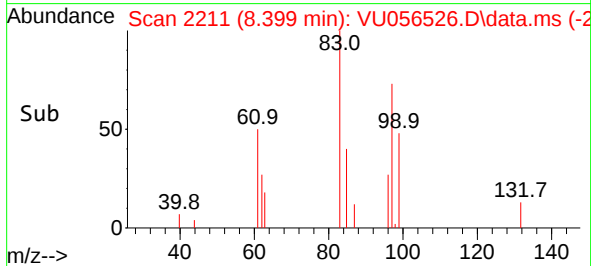


#45
1,1,2-Trichloroethane
Concen: 0.101 ug/L
RT: 8.399 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056526.D
Acq: 20 Nov 2023 14:49

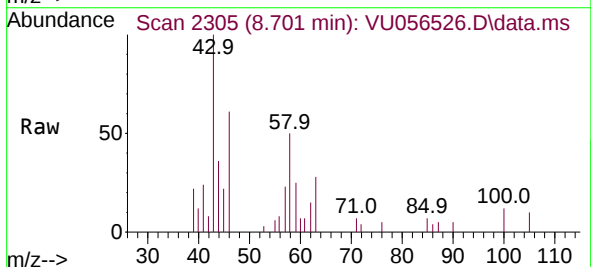
Instrument :
MSVOA_U
ClientSampleId :



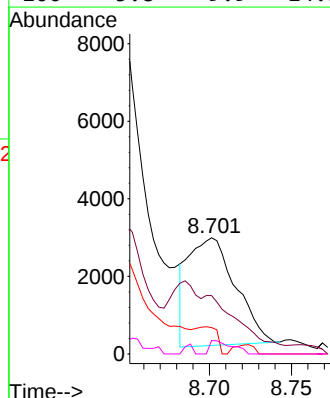
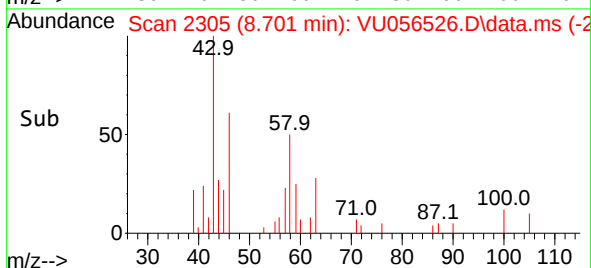
Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.0	44.3	82.3
83	137.9	65.4	121.4#
85	54.6	41.6	77.3

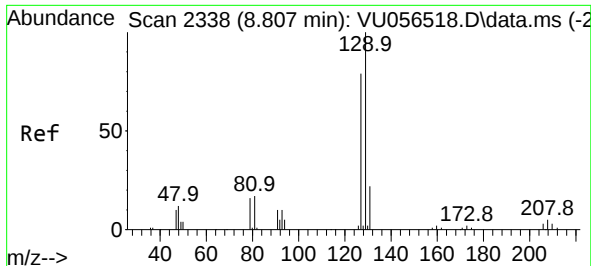


#48
2-Hexanone
Concen: 0.633 ug/L
RT: 8.701 min Scan# 2305
Delta R.T. 0.016 min
Lab File: VU056526.D
Acq: 20 Nov 2023 14:49



Tgt Ion	Ratio	Lower	Upper
43	100		
58	0.0	48.7	73.1#
57	0.0	16.8	25.2#
100	5.8	9.9	14.9#

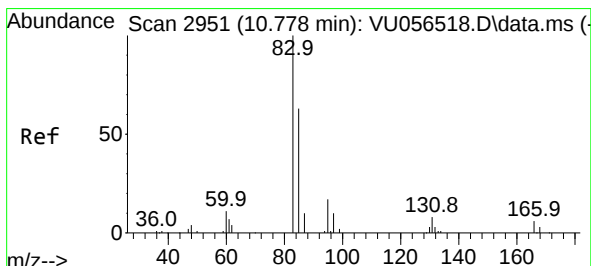
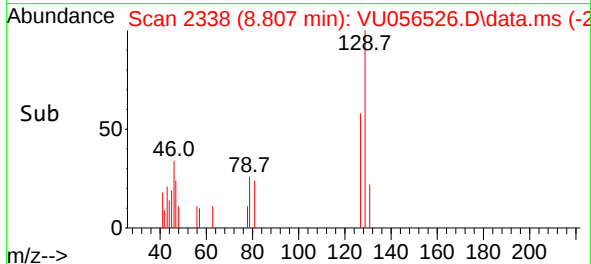
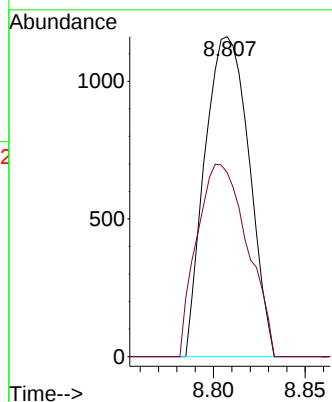
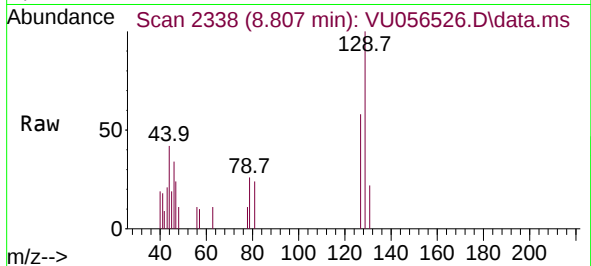




#49
Dibromochloromethane
Concen: 0.114 ug/L
RT: 8.807 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056526.D
Acq: 20 Nov 2023 14:49

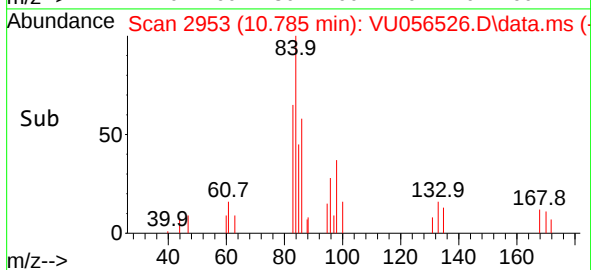
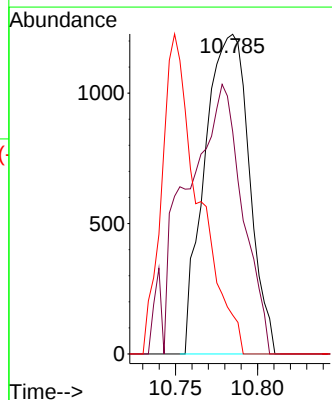
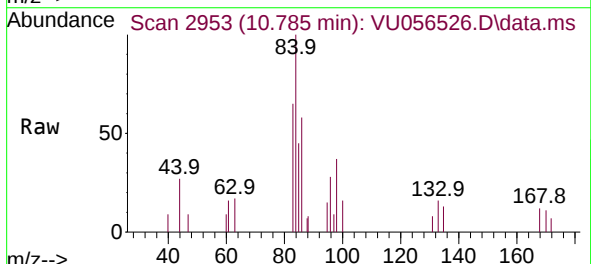
Instrument :
MSVOA_U
ClientSampleId :

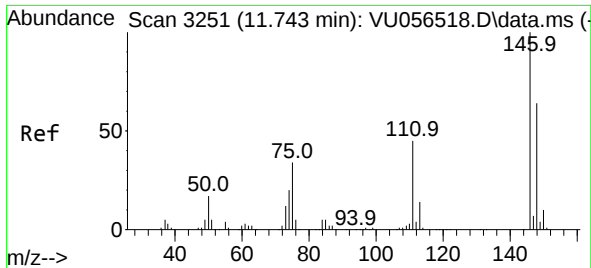
Tgt Ion:129 Resp: 1950
Ion Ratio Lower Upper
129 100
127 57.6 52.9 98.3



#57
1,1,2,2-Tetrachloroethane
Concen: 0.125 ug/L
RT: 10.785 min Scan# 2953
Delta R.T. 0.007 min
Lab File: VU056526.D
Acq: 20 Nov 2023 14:49

Tgt Ion: 83 Resp: 2313
Ion Ratio Lower Upper
83 100
85 69.6 46.3 86.1
131 12.2 6.7 10.1#





#64

1,3-Dichlorobenzene

Concen: 0.128 ug/L

RT: 11.746 min Scan# 31

Delta R.T. 0.003 min

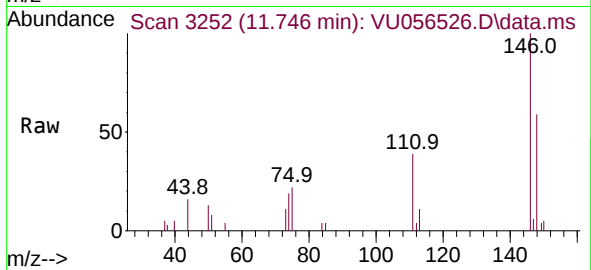
Lab File: VU056526.D

Acq: 20 Nov 2023 14:49

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:146 Resp: 4868

Ion Ratio Lower Upper

146 100

111 39.2 31.1 57.7

148 59.1 45.1 83.9

