

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061623\
 Data File : VU054574.D
 Acq On : 16 Jun 2023 15:23
 Operator : MD/SY
 Sample : 03284-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCGZ6

Quant Time: Jun 17 06:15:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 17 06:10:25 2023
 Response via : Initial Calibration

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

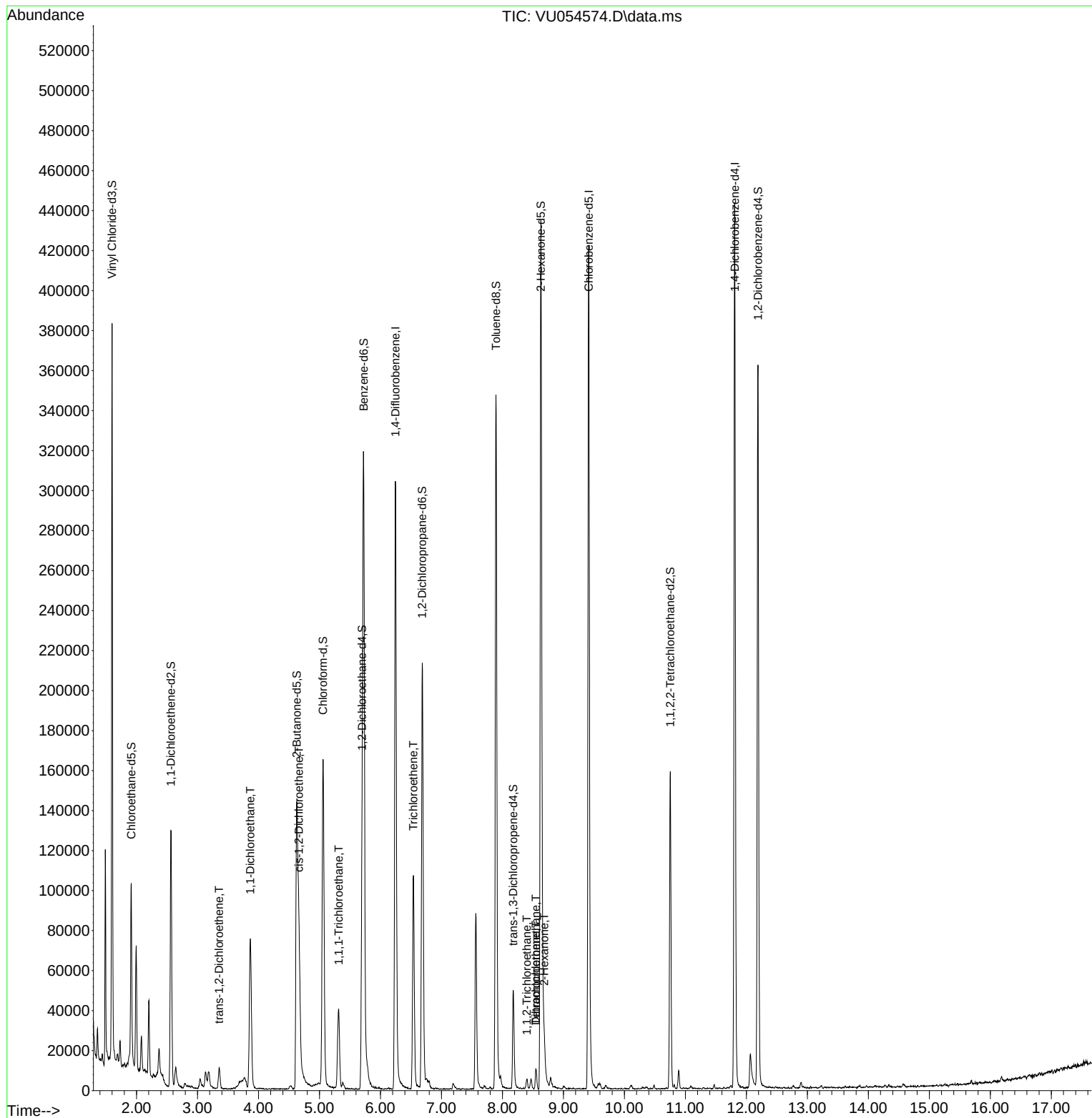
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	251581	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	244868	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	121021	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	51853	3.239	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.800%
7) Chloroethane-d5	1.914	69	70444	4.699	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.563	65	25337	3.543	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.800%
20) 2-Butanone-d5	4.628	46	221368	49.176	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.360%
24) Chloroform-d	5.058	84	159877	4.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.698	65	80714	4.947	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.724	84	302484	4.444	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.685	67	107396	4.724	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.894	98	243178	4.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	8.177	79	30334	3.837	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.800%
46) 2-Hexanone-d5	8.631	63	151234	45.601	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.200%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	80388	4.742	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	94785	4.643	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
18) trans-1,2-Dichloroethene	3.354	96	3432	0.182	ug/L #	91
19) 1,1-Dichloroethane	3.866	63	89147	2.286	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	24155	1.126	ug/L	99
29) 1,1,1-Trichloroethane	5.316	97	30780	0.927	ug/L	97
34) Trichloroethene	6.541	95	37298	1.603	ug/L	94
45) 1,1,2-Trichloroethane	8.399	97	1614	0.107	ug/L	87
47) Tetrachloroethene	8.550	164	2579	0.145	ug/L	85
48) 2-Hexanone	8.685	43	9459	1.000	ug/L	91
49) Dibromochloromethane	8.550	129	2430	0.153	ug/L #	11

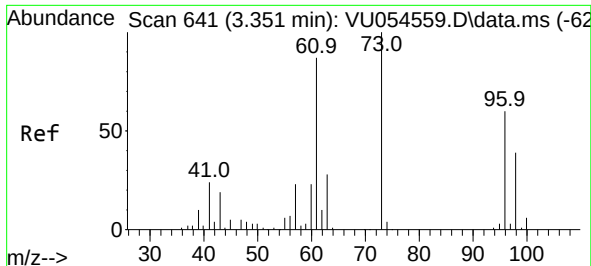
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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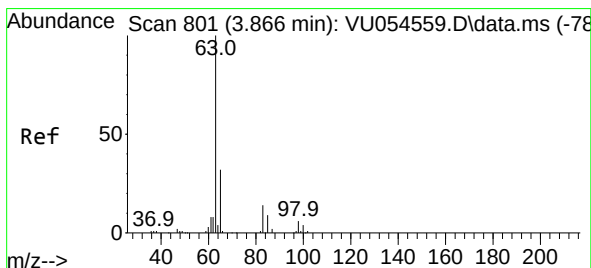
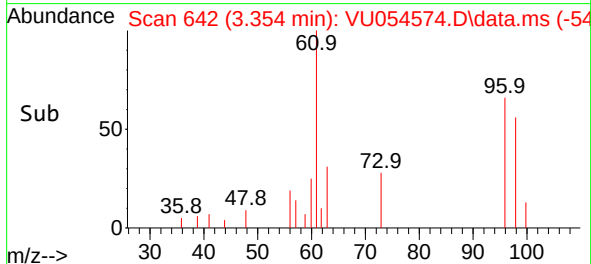
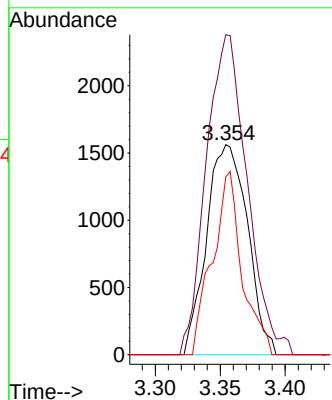
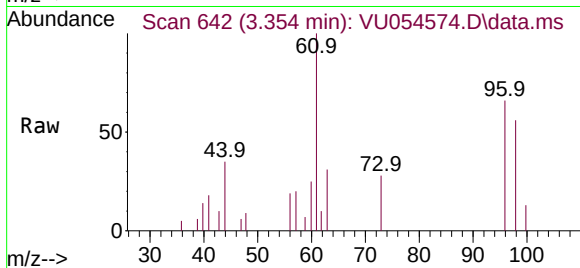




#18
trans-1,2-Dichloroethene
Concen: 0.182 ug/L
RT: 3.354 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU054574.D
Acq: 16 Jun 2023 15:23

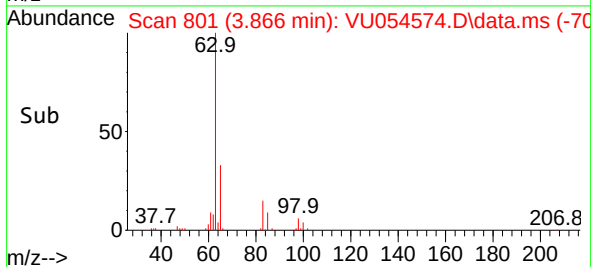
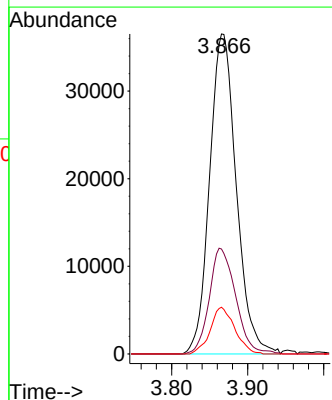
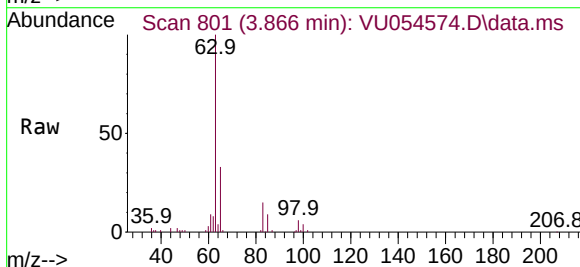
Instrument :
MSVOA_U
ClientSampleId :
DCGZ6

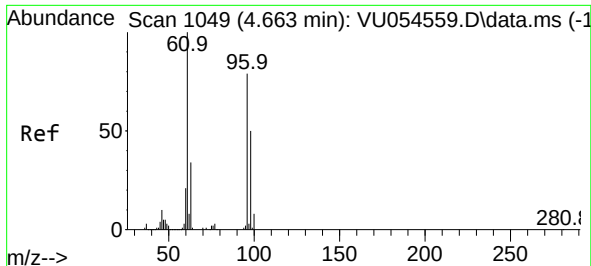
Tgt Ion: 96 Resp: 3432
Ion Ratio Lower Upper
96 100
61 152.3 104.6 194.2
98 84.6 45.4 84.4#



#19
1,1-Dichloroethane
Concen: 2.286 ug/L
RT: 3.866 min Scan# 801
Delta R.T. -0.000 min
Lab File: VU054574.D
Acq: 16 Jun 2023 15:23

Tgt Ion: 63 Resp: 89147
Ion Ratio Lower Upper
63 100
65 32.8 22.2 41.2
83 14.6 9.0 16.6

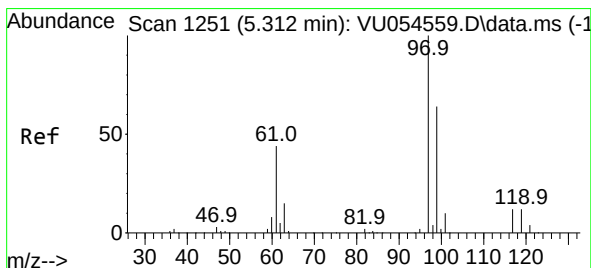
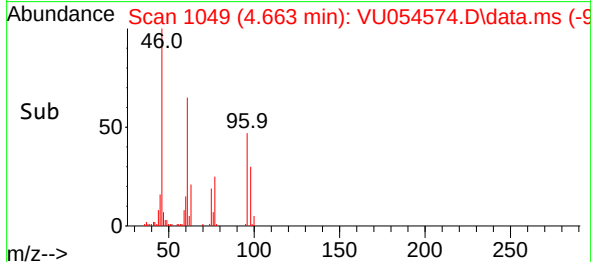
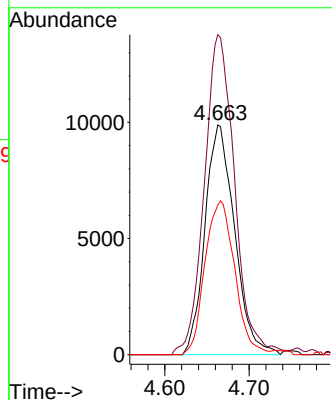
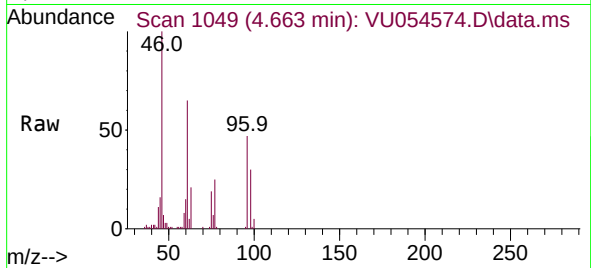




#22
 cis-1,2-Dichloroethene
 Concen: 1.126 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU054574.D
 Acq: 16 Jun 2023 15:23

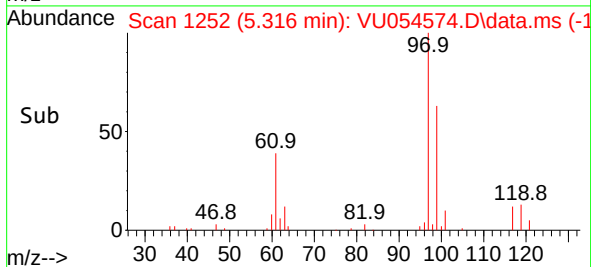
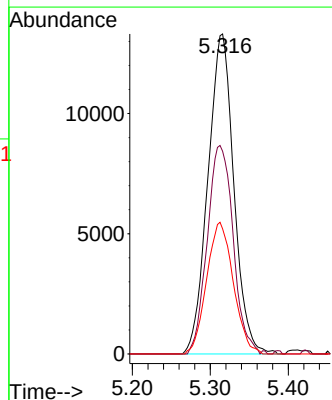
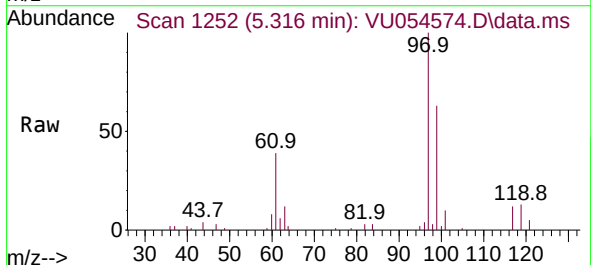
Instrument :
 MSVOA_U
 ClientSampleId :
 DCGZ6

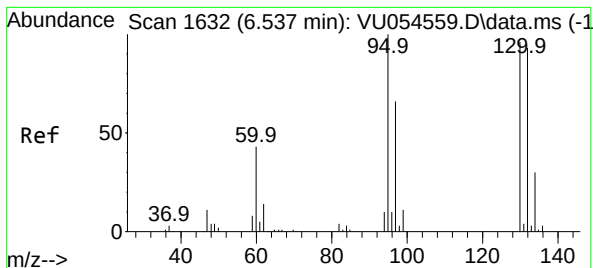
Tgt Ion: 96 Resp: 24155
 Ion Ratio Lower Upper
 96 100
 61 139.2 96.5 179.1
 98 65.2 44.9 83.3



#29
 1,1,1-Trichloroethane
 Concen: 0.927 ug/L
 RT: 5.316 min Scan# 1252
 Delta R.T. 0.003 min
 Lab File: VU054574.D
 Acq: 16 Jun 2023 15:23

Tgt Ion: 97 Resp: 30780
 Ion Ratio Lower Upper
 97 100
 99 65.0 50.8 76.2
 61 42.3 36.1 54.1





#34

Trichloroethene

Concen: 1.603 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU054574.D

Acq: 16 Jun 2023 15:23

Instrument :

MSVOA_U

ClientSampleId :

DCGZ6

Tgt Ion: 95 Resp: 37298

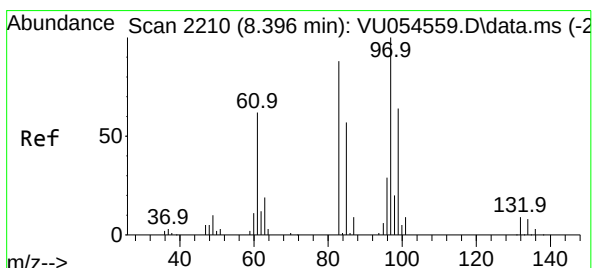
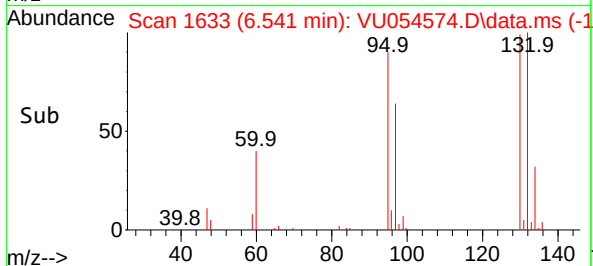
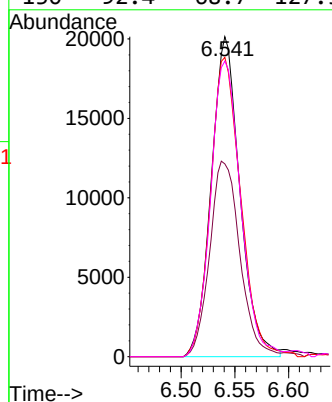
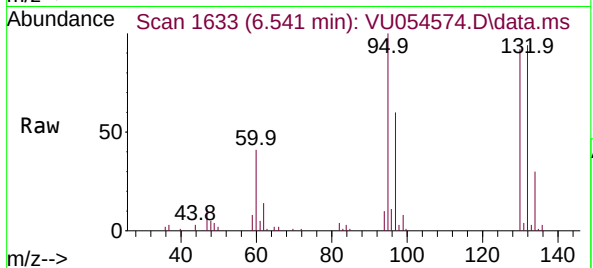
Ion Ratio Lower Upper

95 100

97 60.2 46.8 87.0

132 93.6 68.4 127.0

130 92.4 68.7 127.5



#45

1,1,2-Trichloroethane

Concen: 0.107 ug/L

RT: 8.399 min Scan# 2211

Delta R.T. 0.003 min

Lab File: VU054574.D

Acq: 16 Jun 2023 15:23

Tgt Ion: 97 Resp: 1614

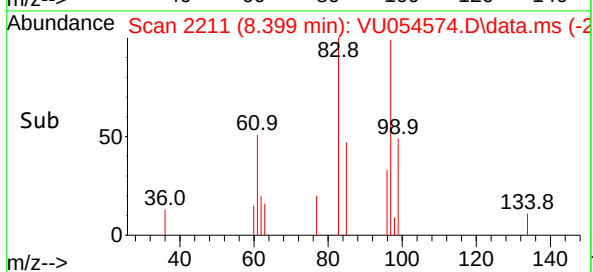
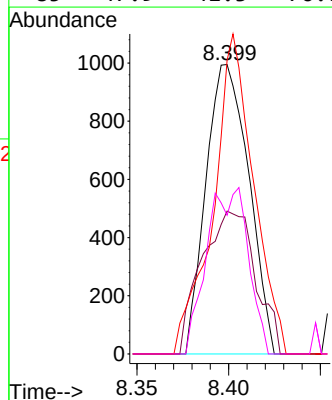
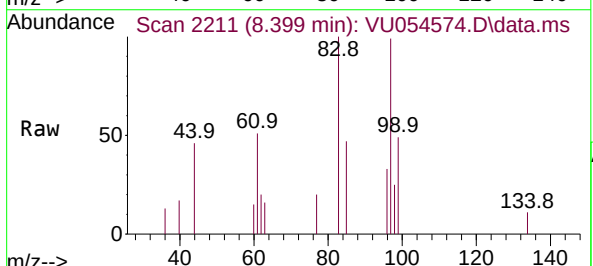
Ion Ratio Lower Upper

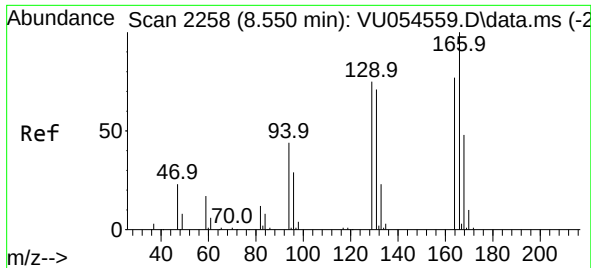
97 100

99 49.3 43.0 80.0

83 101.4 63.8 118.6

85 47.9 41.3 76.7



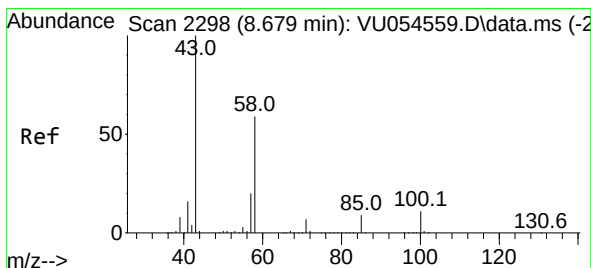
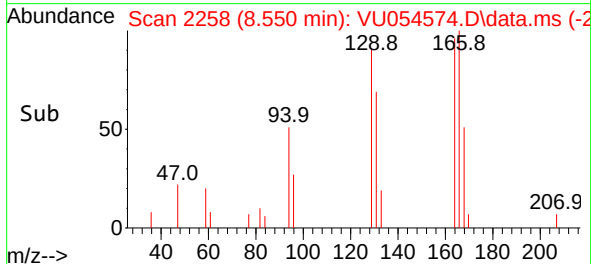
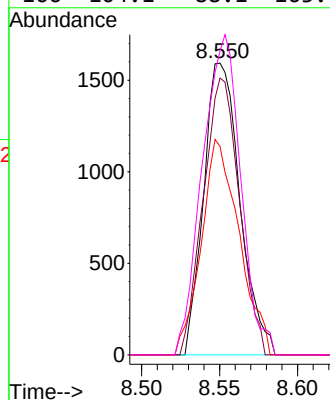
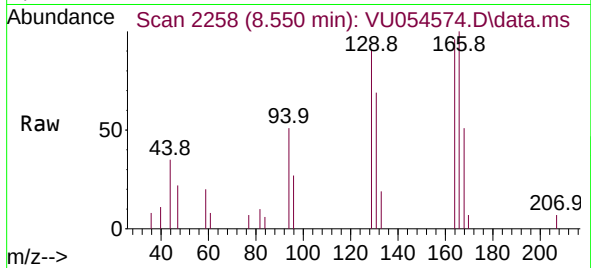


#47
Tetrachloroethene
Concen: 0.145 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054574.D
Acq: 16 Jun 2023 15:23

Instrument :
MSVOA_U
ClientSampleId :
DCGZ6

Tgt Ion:164 Resp: 2579

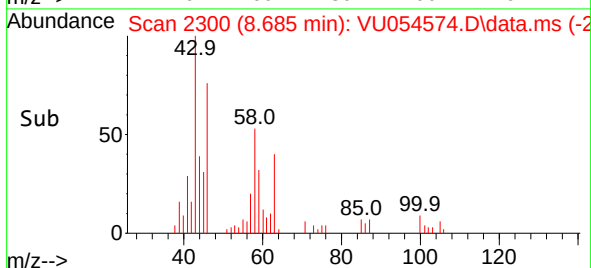
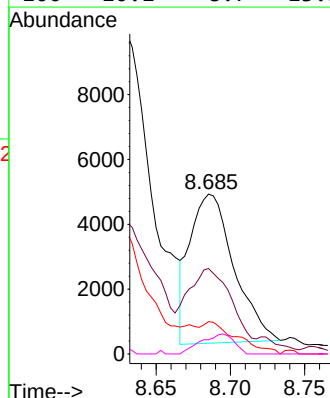
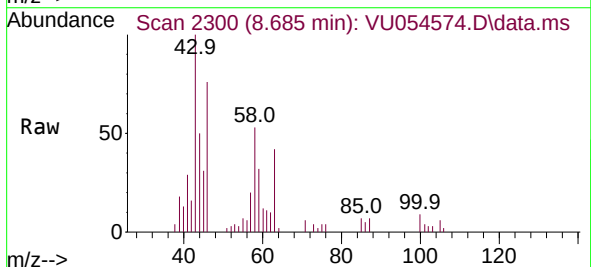
Ion	Ratio	Lower	Upper
164	100		
129	94.9	67.7	125.7
131	71.4	64.6	120.0
166	104.1	88.1	163.7

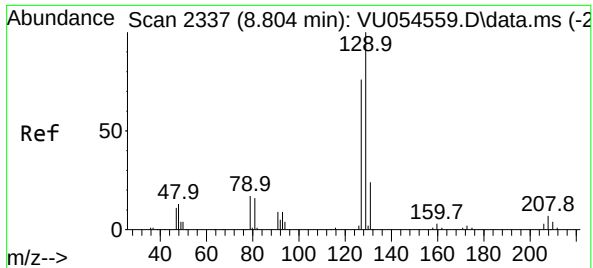


#48
2-Hexanone
Concen: 1.000 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.006 min
Lab File: VU054574.D
Acq: 16 Jun 2023 15:23

Tgt Ion: 43 Resp: 9459

Ion	Ratio	Lower	Upper
43	100		
58	47.9	45.2	67.8
57	16.8	15.8	23.6
100	10.1	8.7	13.1





#49

Dibromochloromethane

Concen: 0.153 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU054574.D

Acq: 16 Jun 2023 15:23

Instrument :

MSVOA_U

ClientSampleId :

DCGZ6

Tgt Ion:129 Resp: 2430

Ion Ratio Lower Upper

129 100

127 0.0 53.2 98.8#

