

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072622\
 Data File : VU049944.D
 Acq On : 27 Jul 2022 05:01
 Operator : SY/MD
 Sample : N3879-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUJ0

Quant Time: Jul 27 06:42:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 27 05:17:43 2022
 Response via : Initial Calibration

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

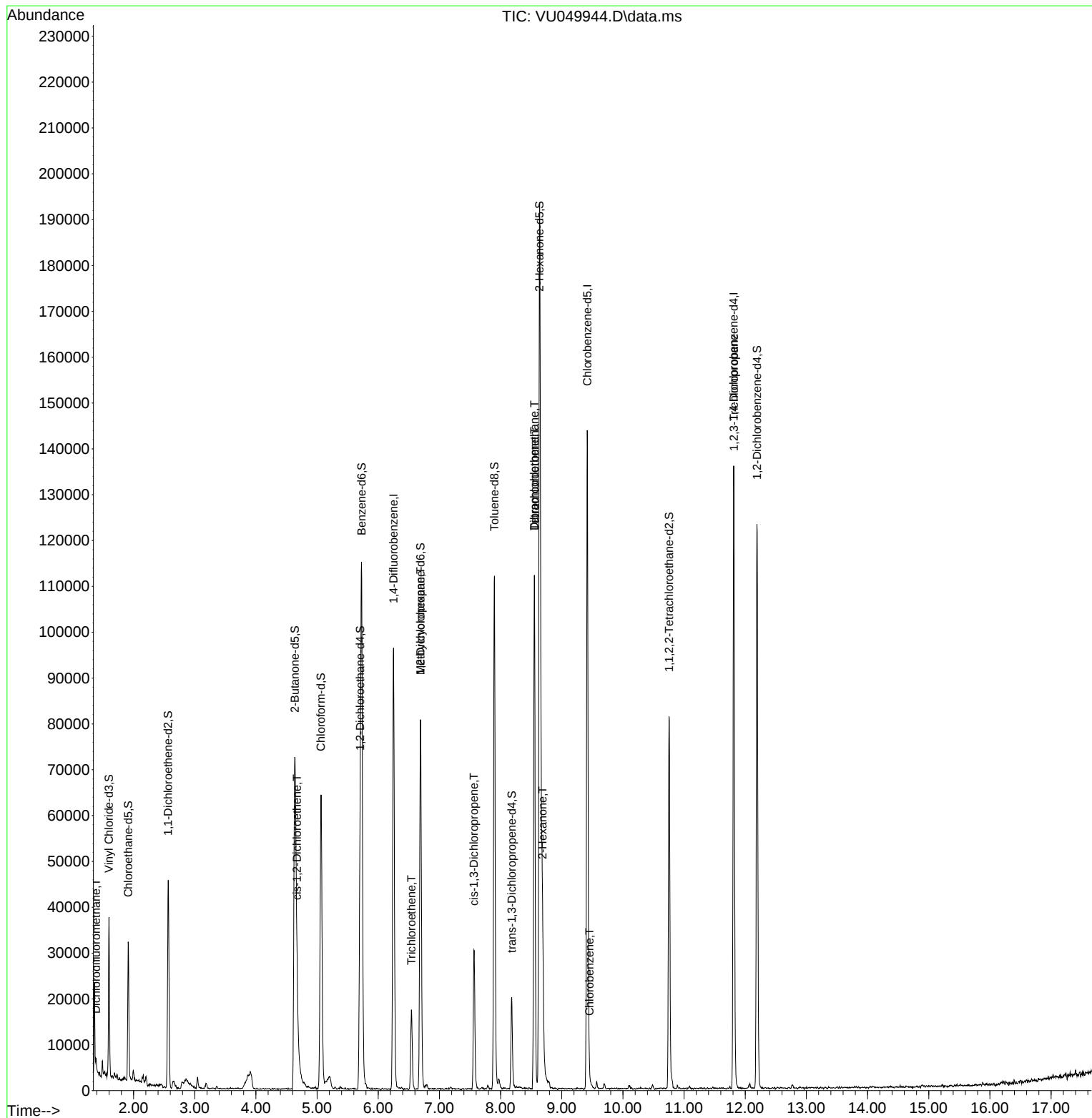
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	75184	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	76436	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	34087	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	20009	3.287	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.800%
7) Chloroethane-d5	1.912	69	20410	4.007	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.565	65	8793	3.237	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.800%
20) 2-Butanone-d5	4.636	46	127897	58.399	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.800%
24) Chloroform-d	5.063	84	58769	4.335	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.703	65	36155	4.548	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	5.729	84	98674	3.788	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.800%
36) 1,2-Dichloropropane-d6	6.690	67	38742	4.305	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.899	98	74063	3.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.000%#
43) trans-1,3-Dichloroprop...	8.182	79	11804	3.613	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.200%
46) 2-Hexanone-d5	8.636	63	57384	44.327	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.660%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	37741	4.995	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	31008	4.407	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	1665	0.210	ug/L #	82
22) cis-1,2-Dichloroethene	4.671	96	2518	0.379	ug/L	93
34) Trichloroethene	6.542	95	5900	0.877	ug/L	95
35) Methylcyclohexane	6.690	83	8973	1.082	ug/L #	16
39) cis-1,3-Dichloropropene	7.565	75	961	0.092	ug/L	84
47) Tetrachloroethene	8.552	164	23190	5.009	ug/L	95
48) 2-Hexanone	8.687	43	22514	5.471	ug/L #	89
49) Dibromochloromethane	8.552	129	23459	3.720	ug/L #	14
51) Chlorobenzene	9.452	112	1487	0.084	ug/L	98
61) 1,2,3-Trichloropropane	11.816	75	4774	1.051	ug/L #	66

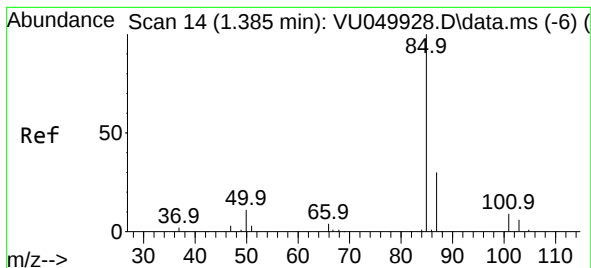
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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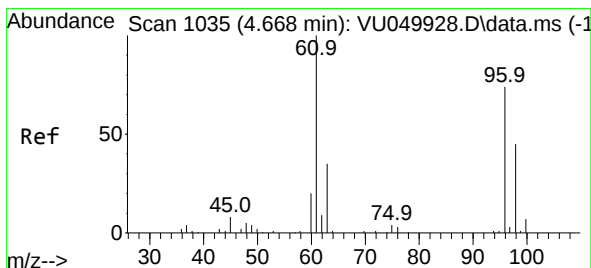
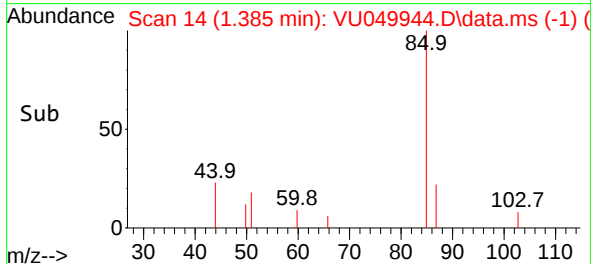
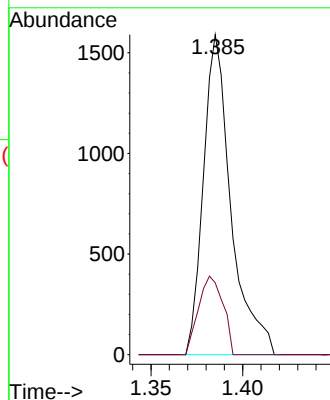
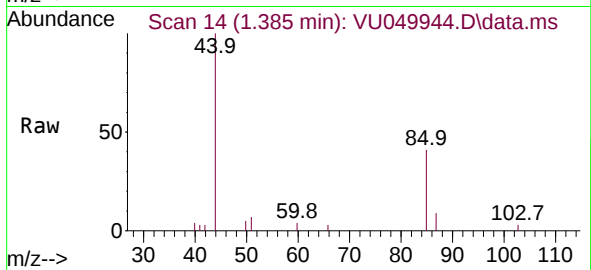




#2
Dichlorodifluoromethane
Concen: 0.210 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU049944.D
Acq: 27 Jul 2022 05:01

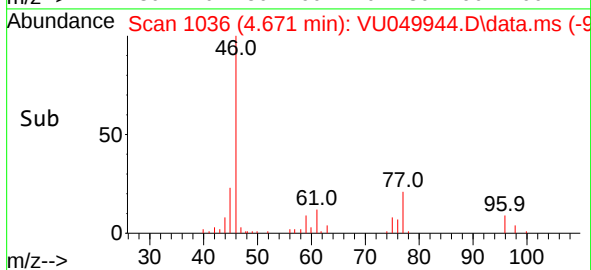
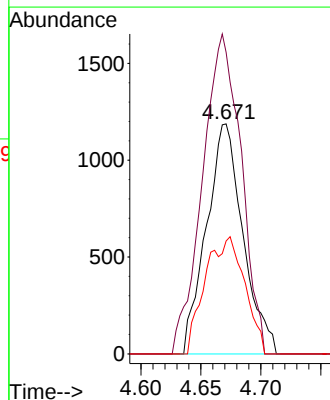
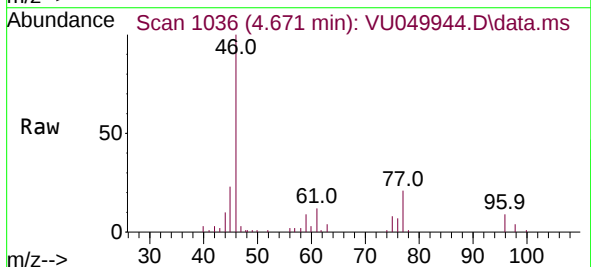
Instrument :
MSVOA_U
ClientSampleId :
DBUJ0

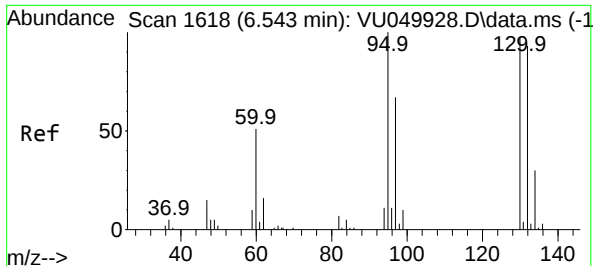
Tgt Ion: 85 Resp: 1665
Ion Ratio Lower Upper
85 100
87 21.7 25.4 38.2#



#22
cis-1,2-Dichloroethene
Concen: 0.379 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU049944.D
Acq: 27 Jul 2022 05:01

Tgt Ion: 96 Resp: 2518
Ion Ratio Lower Upper
96 100
61 131.1 93.9 174.3
98 49.1 43.9 81.5

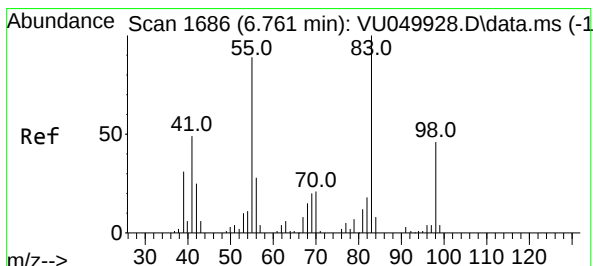
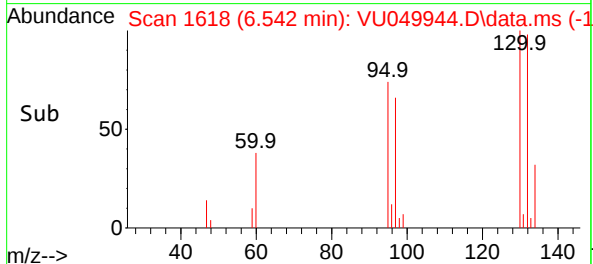
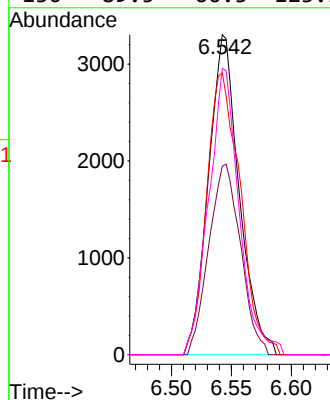
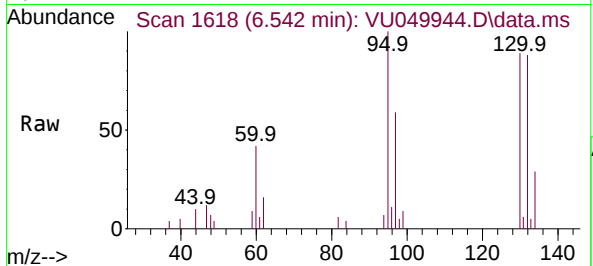




#34
Trichloroethene
Concen: 0.877 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU049944.D
Acq: 27 Jul 2022 05:01

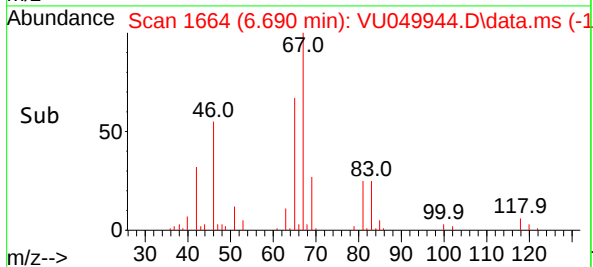
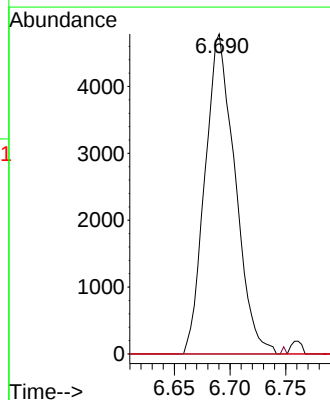
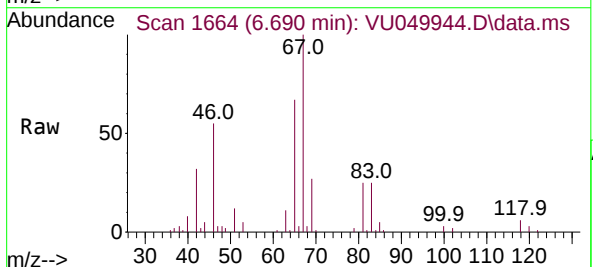
Instrument :
MSVOA_U
ClientSampleId :
DBUJ0

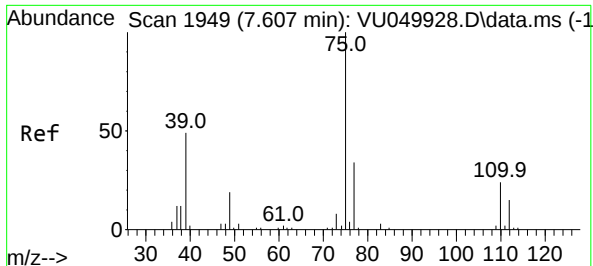
Tgt Ion: 95 Resp: 5900
Ion Ratio Lower Upper
95 100
97 58.9 46.8 86.8
132 88.1 61.8 114.8
130 89.5 66.3 123.1



#35
Methylcyclohexane
Concen: 1.082 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU049944.D
Acq: 27 Jul 2022 05:01

Tgt Ion: 83 Resp: 8973
Ion Ratio Lower Upper
83 100
55 0.2 69.0 103.4#
98 2.6 36.4 54.6#





#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU049944.D

Acq: 27 Jul 2022 05:01

Instrument :

MSVOA_U

ClientSampleId :

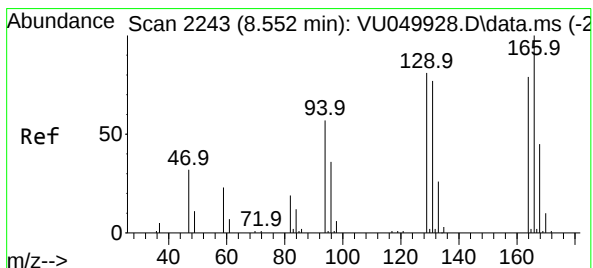
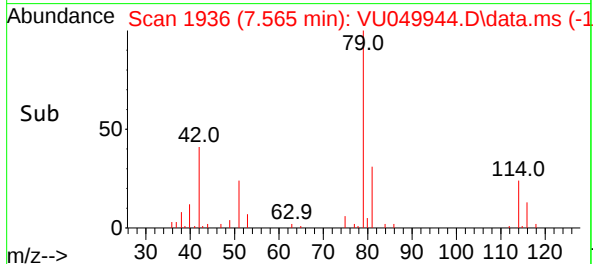
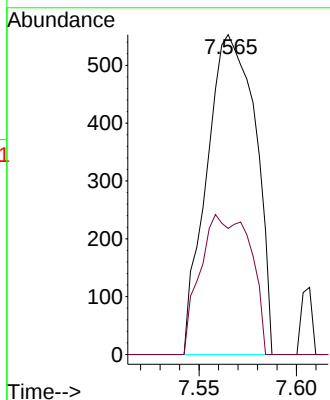
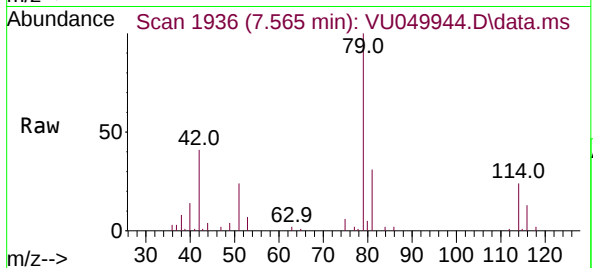
DBUJ0

Tgt Ion: 75 Resp: 961

Ion Ratio Lower Upper

75 100

77 39.4 21.6 40.0



#47

Tetrachloroethene

Concen: 5.009 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU049944.D

Acq: 27 Jul 2022 05:01

Tgt Ion: 164 Resp: 23190

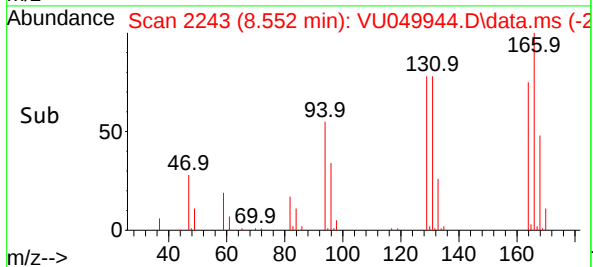
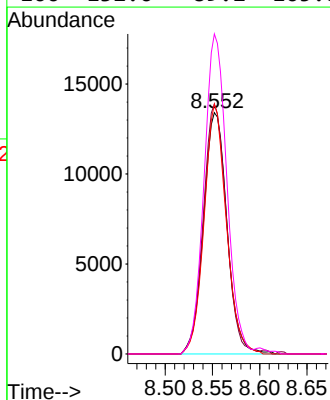
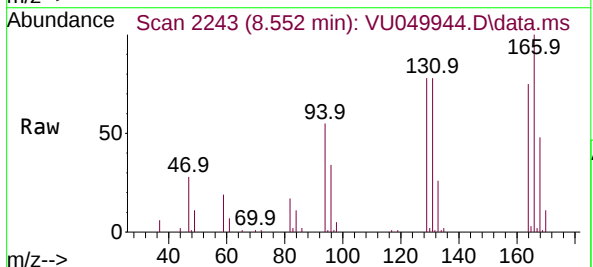
Ion Ratio Lower Upper

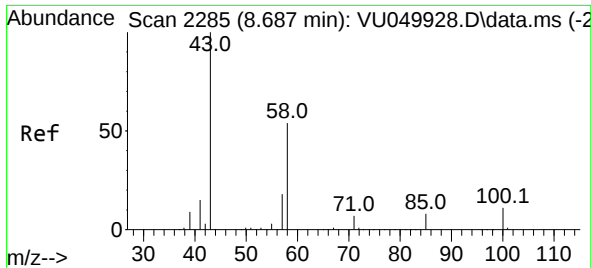
164 100

129 103.6 68.9 127.9

131 103.5 67.5 125.4

166 132.6 89.2 165.8

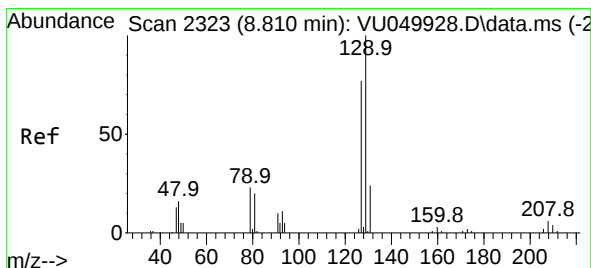
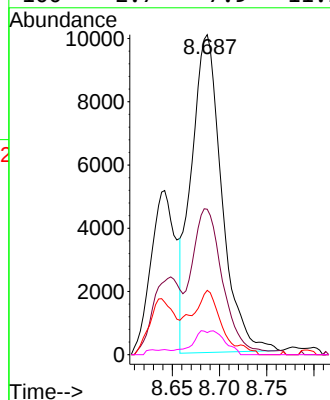
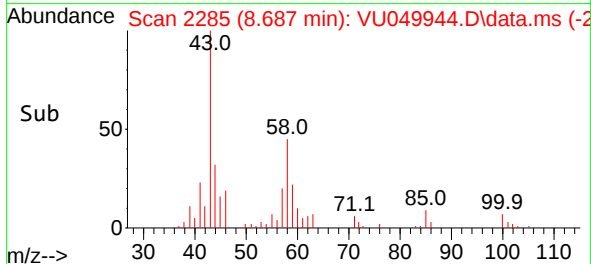
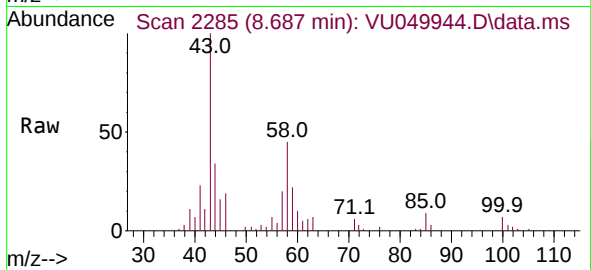




#48
2-Hexanone
Concen: 5.471 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VU049944.D
Acq: 27 Jul 2022 05:01

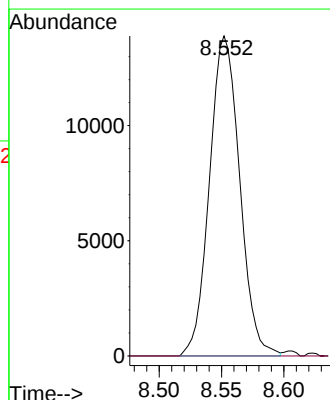
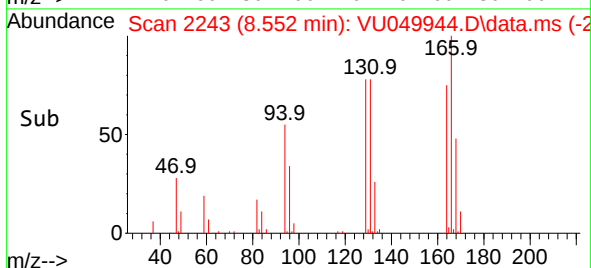
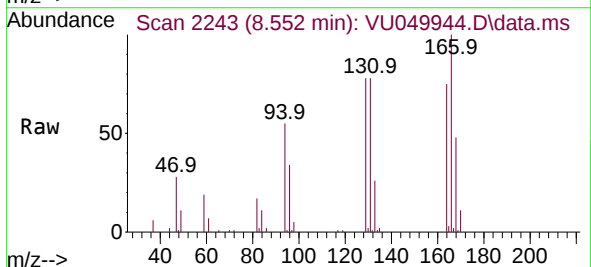
Instrument :
MSVOA_U
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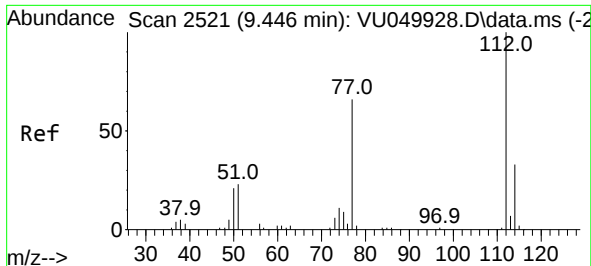
Tgt Ion: 43	Resp: 22514
Ion Ratio	Lower Upper
43 100	
58 44.4	42.1 63.1
57 16.0	14.3 21.5
100 2.7	7.9 11.9#



#49
Dibromochloromethane
Concen: 3.720 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.258 min
Lab File: VU049944.D
Acq: 27 Jul 2022 05:01

Tgt Ion:129	Resp: 23459		
Ion Ratio	Lower	Upper	
129 100			
127 0.0	50.5	93.7#	

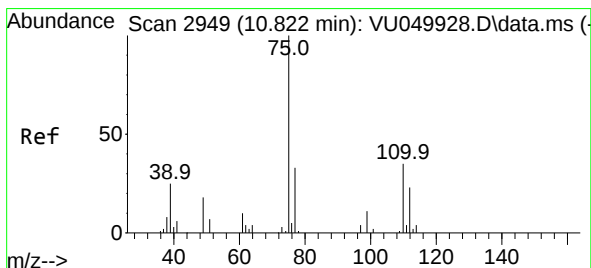
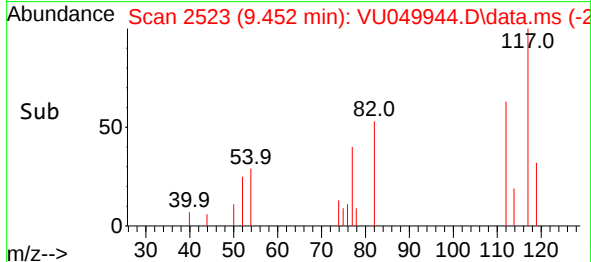
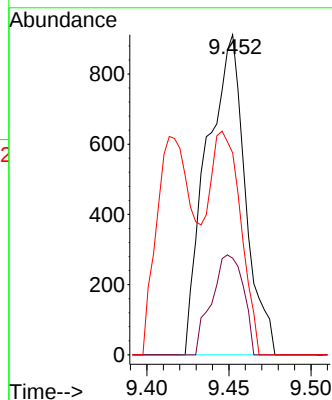
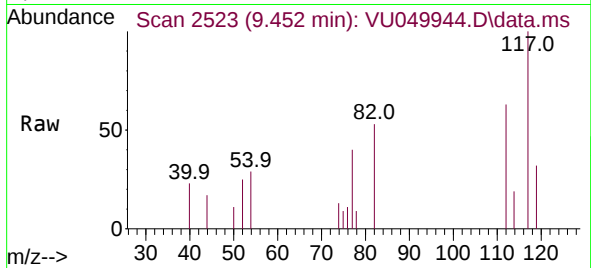




#51
Chlorobenzene
Concen: 0.084 ug/L
RT: 9.452 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU049944.D
Acq: 27 Jul 2022 05:01

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MSVOA_U
ClientSampleId :
DBUJ0

Tgt Ion:112 Resp: 1487
Ion Ratio Lower Upper
112 100
114 30.2 22.4 41.6
77 63.0 51.2 76.8



#61
1,2,3-Trichloropropane
Concen: 1.051 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.993 min
Lab File: VU049944.D
Acq: 27 Jul 2022 05:01

Tgt Ion: 75 Resp: 4774
Ion Ratio Lower Upper
75 100
110 0.0 28.0 42.0#
77 34.2 25.4 38.2

