

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072622\
 Data File : VU049941.D
 Acq On : 27 Jul 2022 03:48
 Operator : SY/MD
 Sample : N3879-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUH6

Quant Time: Jul 27 05:32:32 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)

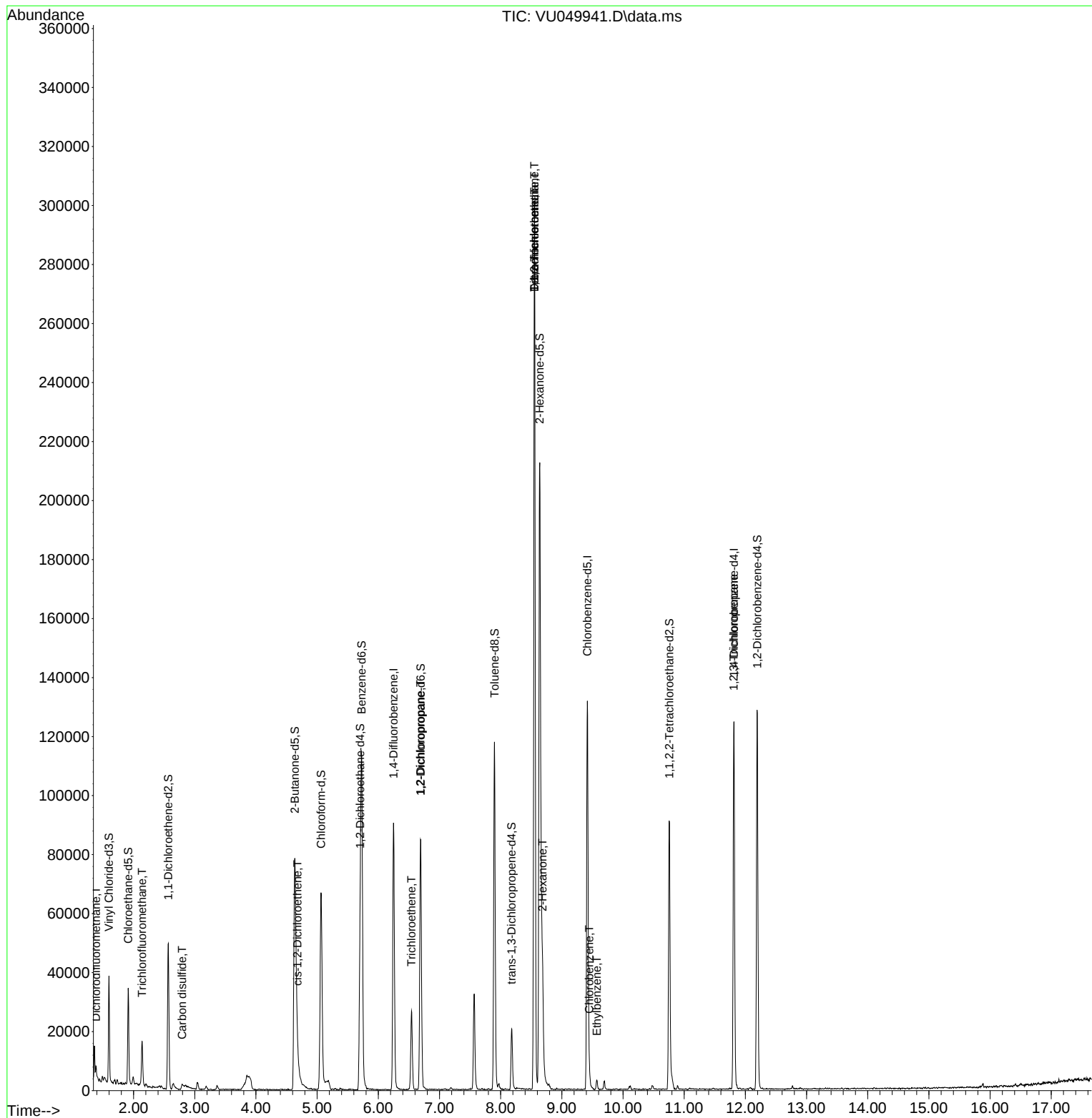
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	68976	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	71313	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	32700	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	21870	3.916	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.912	69	21405	4.580	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.565	65	9431	3.784	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.600%
20) 2-Butanone-d5	4.636	46	135310	67.344	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.680%#
24) Chloroform-d	5.063	84	61418	4.938	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.703	65	37190	5.099	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.729	84	100753	4.146	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.694	67	40948	4.877	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.899	98	77400	3.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.800%
43) trans-1,3-Dichloroprop...	8.179	79	12487	4.097	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.636	63	63365	52.464	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.920%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40840	5.793	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	31880	4.723	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	2298	0.316	ug/L	97
9) Trichlorofluoromethane	2.137	101	9602	1.043	ug/L	97
14) Carbon disulfide	2.793	76	1880	0.133	ug/L	97
22) cis-1,2-Dichloroethene	4.678	96	451	0.074	ug/L #	57
34) Trichloroethene	6.542	95	8606	1.372	ug/L	97
37) 1,2-Dichloropropane	6.690	63	4371	0.593	ug/L #	89
45) 1,1,2-Trichloroethane	8.552	97	601	0.114	ug/L #	22
47) Tetrachloroethene	8.552	164	61959	14.346	ug/L	98
48) 2-Hexanone	8.684	43	22147	5.768	ug/L	95
49) Dibromochloromethane	8.552	129	62381	10.603	ug/L #	14
51) Chlorobenzene	9.449	112	2456	0.149	ug/L	91
52) Ethylbenzene	9.574	91	2619	0.098	ug/L	95
61) 1,2,3-Trichloropropane	11.809	75	4529	1.040	ug/L #	64

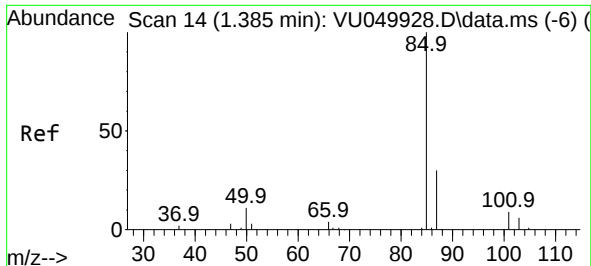
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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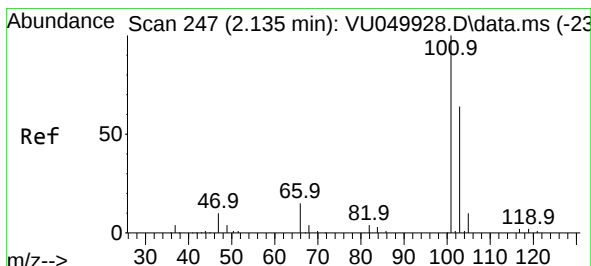
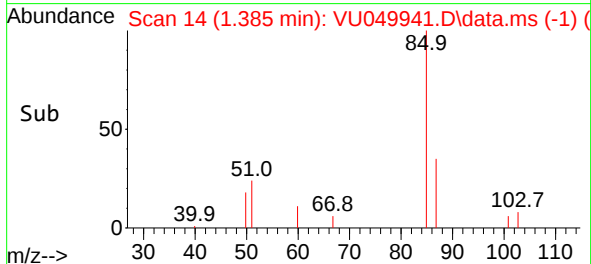
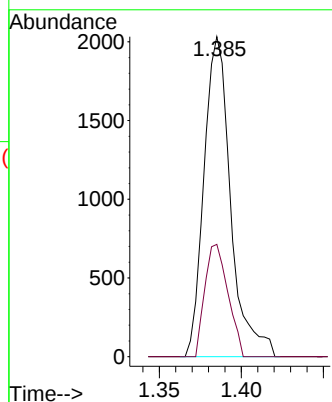
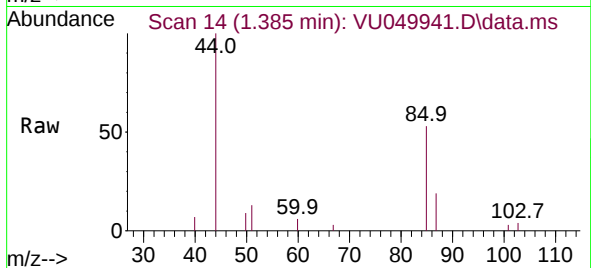




#2
Dichlorodifluoromethane
Concen: 0.316 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU049941.D
Acq: 27 Jul 2022 03:48

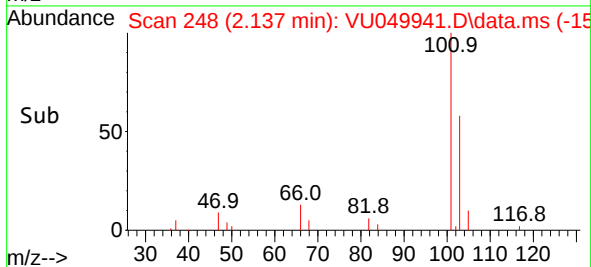
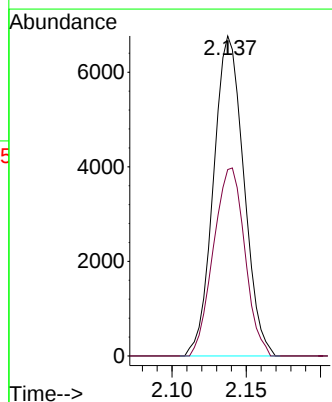
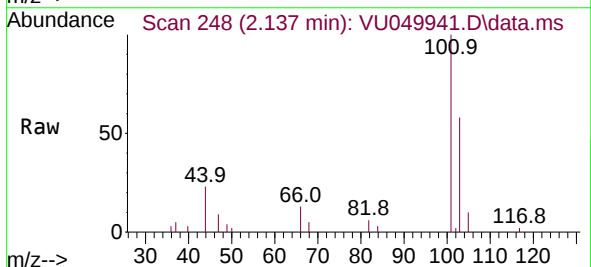
Instrument :
MSVOA_U
ClientSampleId :
DBUH6

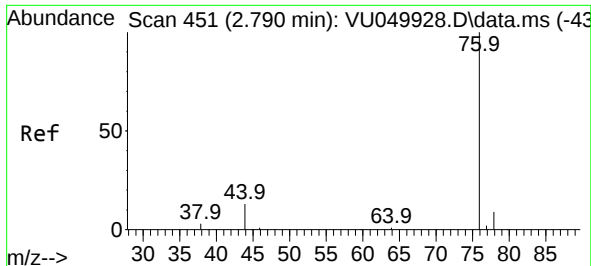
Tgt Ion: 85 Resp: 2298
Ion Ratio Lower Upper
85 100
87 30.2 25.4 38.2



#9
Trichlorofluoromethane
Concen: 1.043 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU049941.D
Acq: 27 Jul 2022 03:48

Tgt Ion:101 Resp: 9602
Ion Ratio Lower Upper
101 100
103 60.8 50.8 76.2

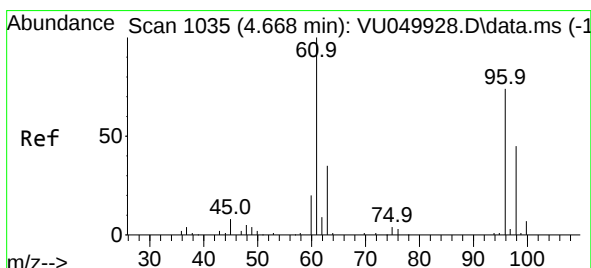
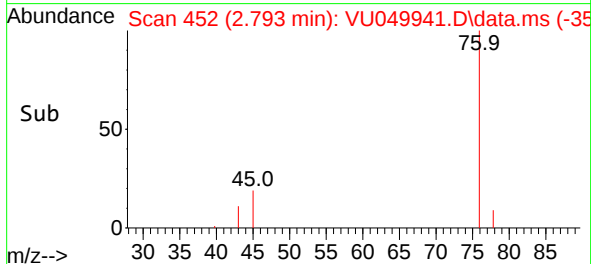
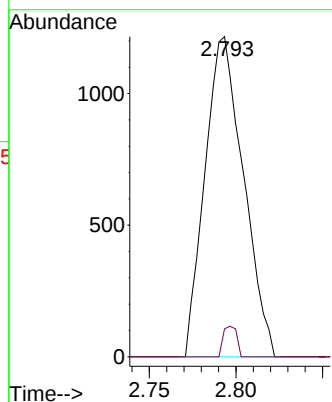
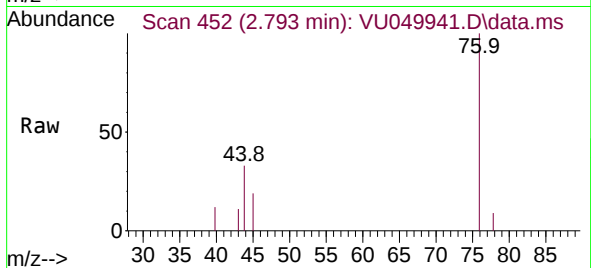




#14
Carbon disulfide
Concen: 0.133 ug/L
RT: 2.793 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU049941.D
Acq: 27 Jul 2022 03:48

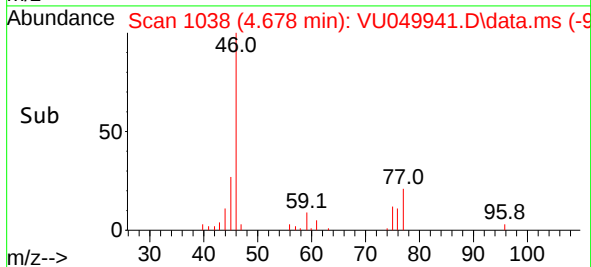
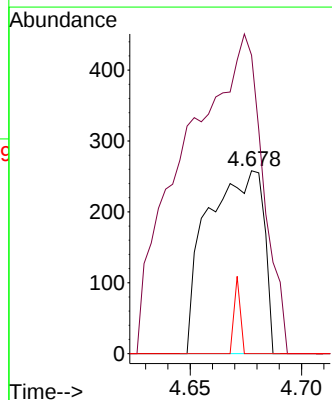
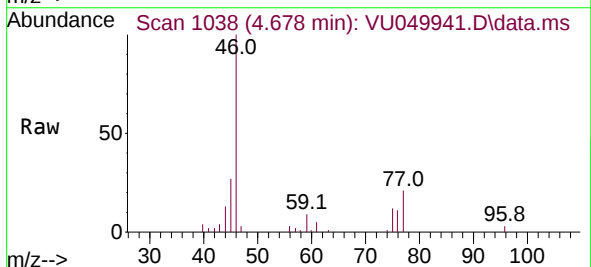
Instrument :
MSVOA_U
ClientSampleId :
DBUH6

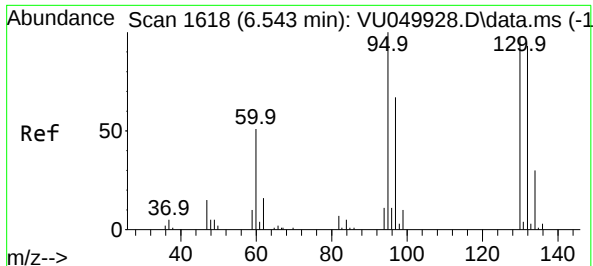
Tgt Ion: 76 Resp: 1880
Ion Ratio Lower Upper
76 100
78 8.7 7.8 11.6



#22
cis-1,2-Dichloroethene
Concen: 0.074 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.009 min
Lab File: VU049941.D
Acq: 27 Jul 2022 03:48

Tgt Ion: 96 Resp: 451
Ion Ratio Lower Upper
96 100
61 163.2 93.9 174.3
98 0.0 43.9 81.5#

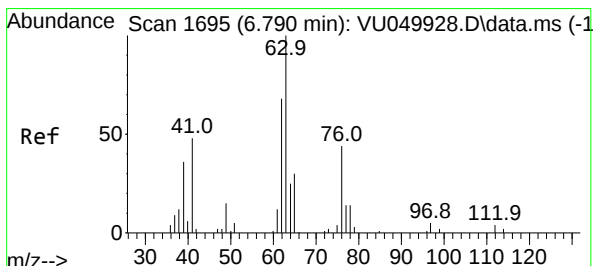
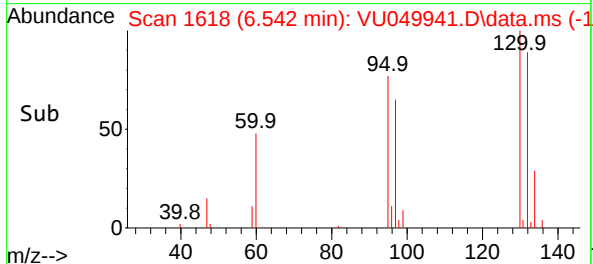
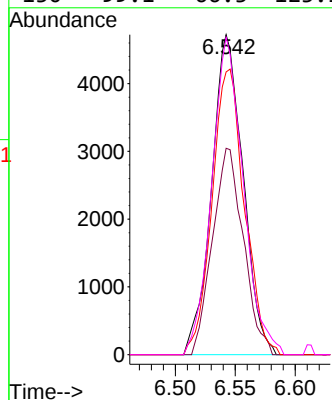
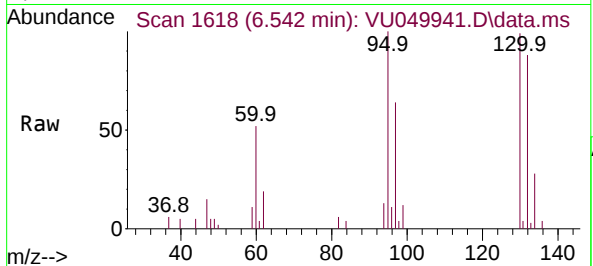




#34
Trichloroethene
Concen: 1.372 ug/L
RT: 6.542 min Scan# 1664
Delta R.T. -0.000 min
Lab File: VU049941.D
Acq: 27 Jul 2022 03:48

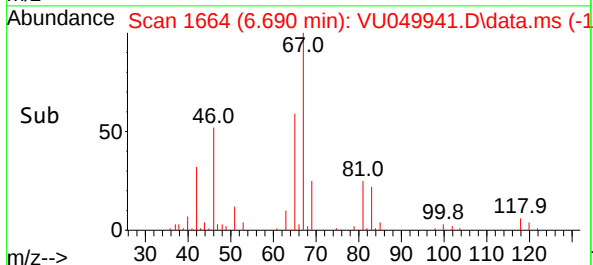
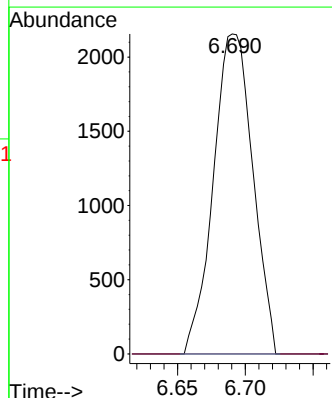
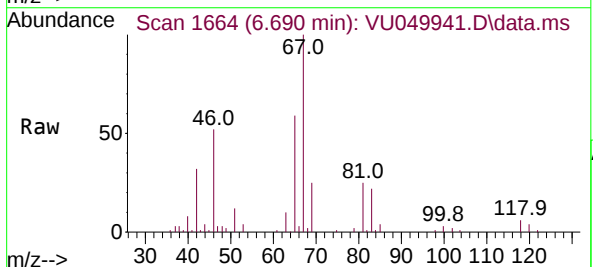
Instrument :
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DBUH6

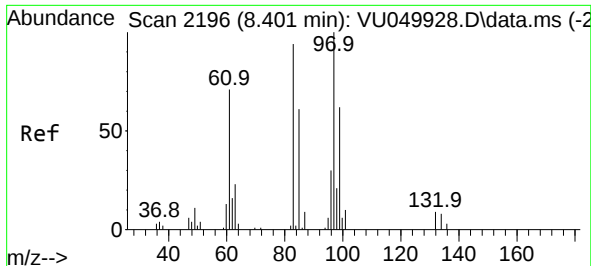
Tgt Ion: 95 Resp: 8606
Ion Ratio Lower Upper
95 100
97 64.5 46.8 86.8
132 88.4 61.8 114.8
130 99.1 66.3 123.1



#37
1,2-Dichloropropane
Concen: 0.593 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU049941.D
Acq: 27 Jul 2022 03:48

Tgt Ion: 63 Resp: 4371
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



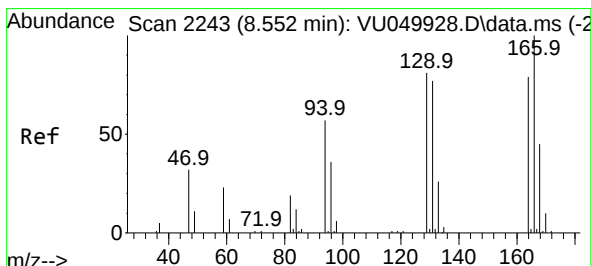
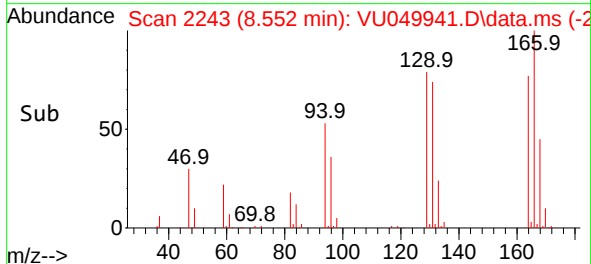
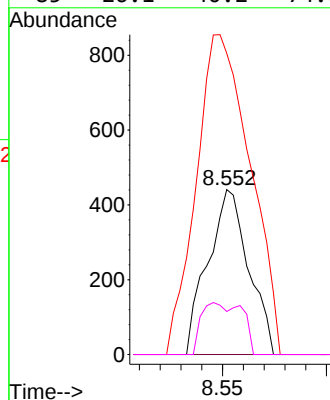
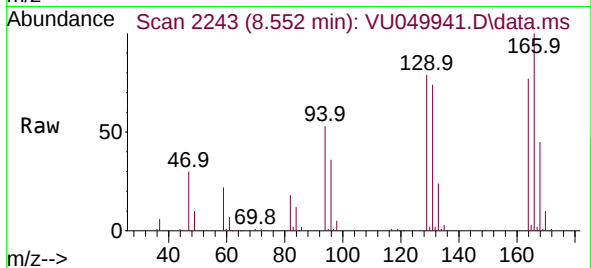


#45
1,1,2-Trichloroethane
Concen: 0.114 ug/L
RT: 8.552 min Scan# 2196
Delta R.T. 0.151 min
Lab File: VU049941.D
Acq: 27 Jul 2022 03:48

Instrument :
MSVOA_U
ClientSampleId :
DBUH6

Tgt Ion: 97 Resp: 601

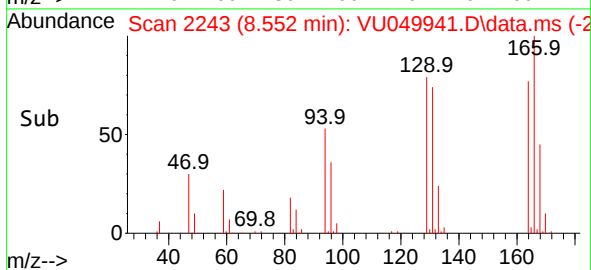
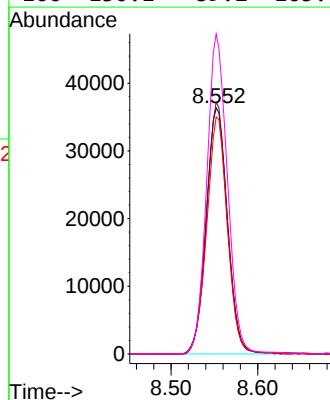
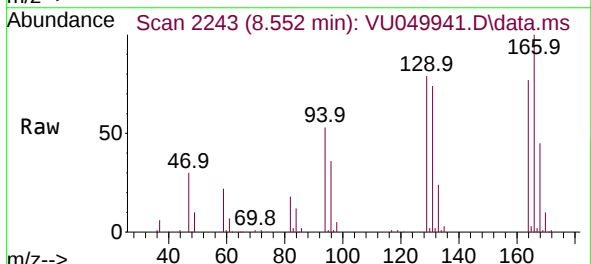
Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.8	81.3#
83	182.5	62.4	115.8#
85	26.1	40.2	74.6#

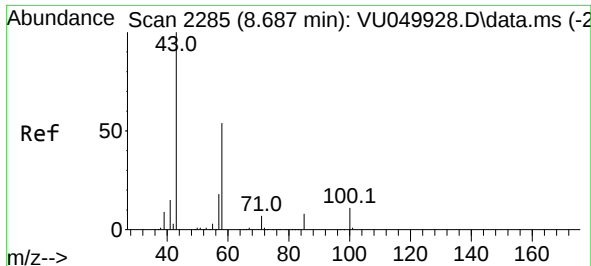


#47
Tetrachloroethene
Concen: 14.346 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU049941.D
Acq: 27 Jul 2022 03:48

Tgt Ion: 164 Resp: 61959

Ion	Ratio	Lower	Upper
164	100		
129	102.4	68.9	127.9
131	96.3	67.5	125.4
166	130.1	89.2	165.8

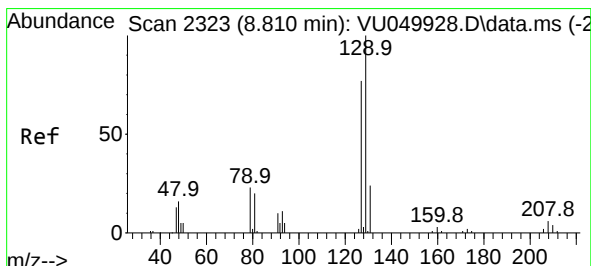
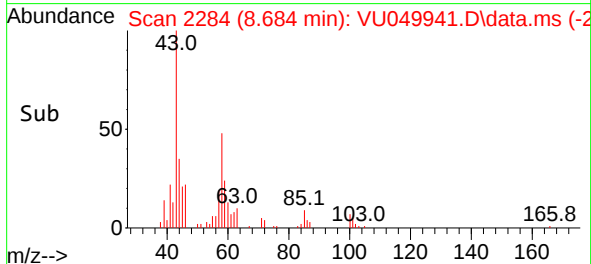
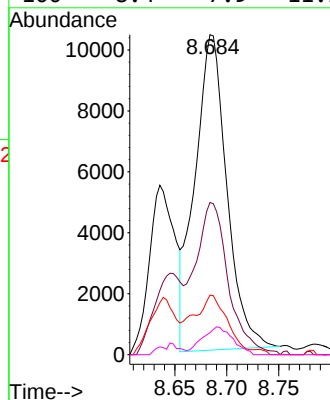
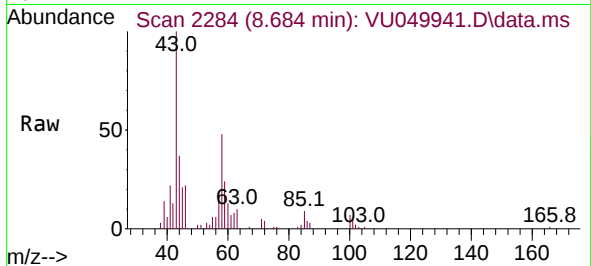




#48
2-Hexanone
Concen: 5.768 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.004 min
Lab File: VU049941.D
Acq: 27 Jul 2022 03:48

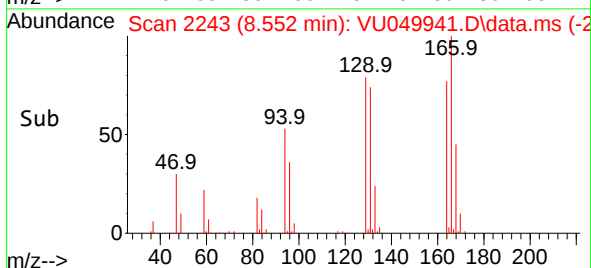
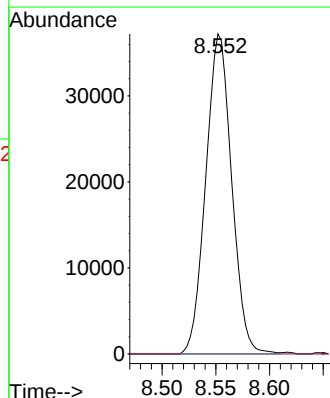
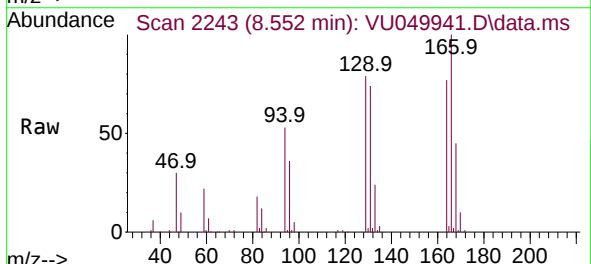
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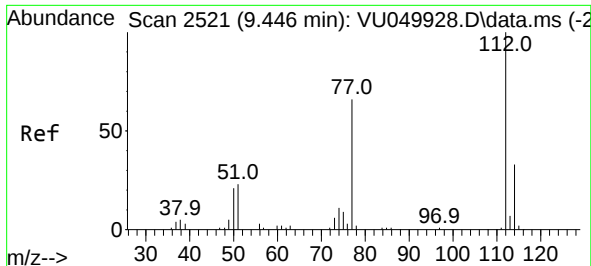
Tgt Ion: 43	Resp: 22147
Ion Ratio	Lower Upper
43 100	
58 50.1	42.1 63.1
57 21.3	14.3 21.5
100 8.4	7.9 11.9



#49
Dibromochloromethane
Concen: 10.603 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.258 min
Lab File: VU049941.D
Acq: 27 Jul 2022 03:48

Tgt Ion:129	Resp: 62381		
Ion Ratio	Lower	Upper	
129 100			
127 0.0	50.5	93.7#	

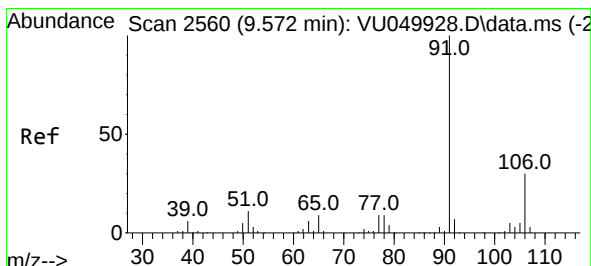
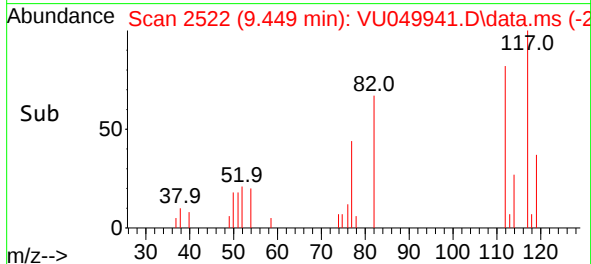
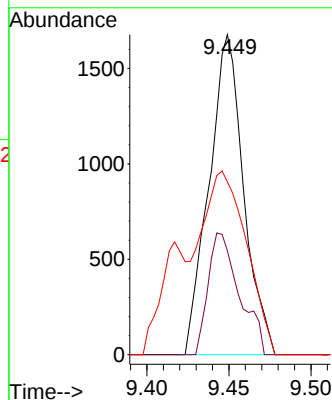
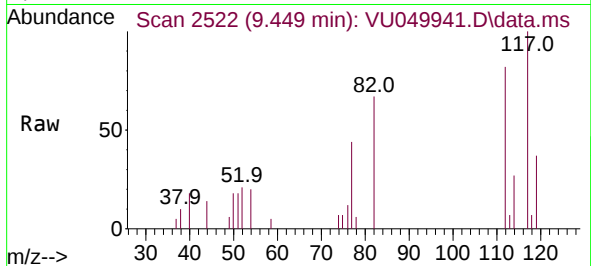




#51
Chlorobenzene
Concen: 0.149 ug/L
RT: 9.449 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VU049941.D
Acq: 27 Jul 2022 03:48

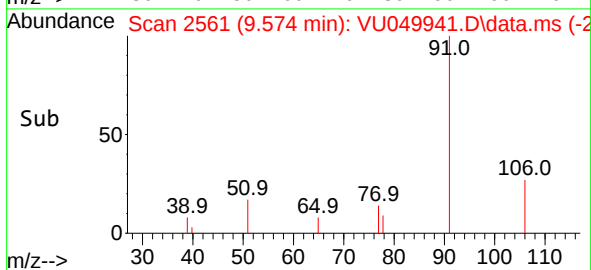
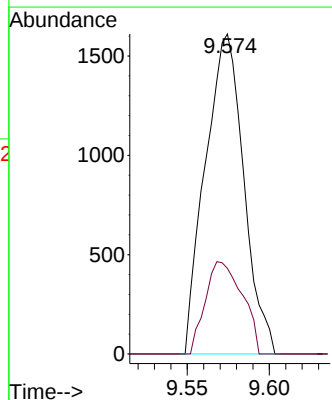
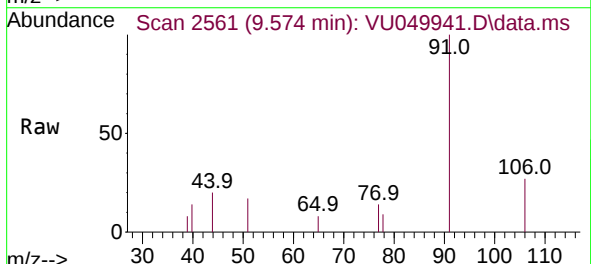
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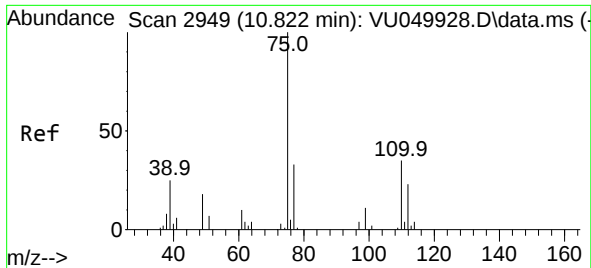
Tgt Ion:	112	Resp:	2456
Ion Ratio	Lower	Upper	
112	100		
114	32.4	22.4	41.6
77	54.0	51.2	76.8



#52
Ethylbenzene
Concen: 0.098 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. 0.003 min
Lab File: VU049941.D
Acq: 27 Jul 2022 03:48

Tgt Ion:	91	Resp:	2619
Ion Ratio	Lower	Upper	
91	100		
106	26.8	20.6	38.4





#61
 1,2,3-Trichloropropane
 Concen: 1.040 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU049941.D
 Acq: 27 Jul 2022 03:48

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUH6

Tgt Ion: 75 Resp: 4529
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.0 42.0#
 77 37.2 25.4 38.2

