

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U072622\
 Data File : U049908.D
 Acq On : 26 Jul 2022 12:21
 Operator : SY/MD
 Sample : N3879-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUN9

Quant Time: Jul 27 03:56:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 27 03:55:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	96914	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	94125	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	47479	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	29173	3.718	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.400%
7) Chloroethane-d5	1.912	69	26043	3.966	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.400%
11) 1,1-Dichloroethene-d2	2.562	65	12802	3.656	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	4.642	46	129417	45.843	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.680%
24) Chloroform-d	5.063	84	67501	3.863	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.200%
26) 1,2-Dichloroethane-d4	5.703	65	39776	3.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
32) Benzene-d6	5.729	84	119684	3.732	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.600%
36) 1,2-Dichloropropane-d6	6.690	67	45191	4.078	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.600%
41) Toluene-d8	7.899	98	95303	3.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.000%#
43) trans-1,3-Dichloroprop...	8.182	79	14840	3.689	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.800%
46) 2-Hexanone-d5	8.636	63	61906	38.834	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.660%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41684	4.480	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	37295	3.806	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.200%#
Target Compounds						
					Qvalue	
8) Chloroethane	1.932	64	16811	2.772	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	452	0.071	ug/L #	21
15) Methyl Acetate	2.961	43	84159	19.881	ug/L	100
29) 1,1,1-Trichloroethane	5.317	97	59906	4.534	ug/L	99
31) Carbon tetrachloride	5.314	117	7268	0.677	ug/L	98
34) Trichloroethene	6.542	95	12960	1.565	ug/L	99
35) Methylcyclohexane	6.690	83	9696	0.949	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	4968	0.510	ug/L #	89
38) Bromodichloromethane	7.105	83	97331	8.003	ug/L	99
47) Tetrachloroethene	8.552	164	1512	0.265	ug/L	93
48) 2-Hexanone	8.687	43	61541	12.144	ug/L	97
50) 1,2-Dibromoethane	8.925	107	63740	10.331	ug/L	98
52) Ethylbenzene	9.571	91	395697	11.266	ug/L	99
53) m,p-Xylene	9.690	106	22351	1.730	ug/L	91
54) o-Xylene	10.105	106	1466	0.115	ug/L #	46
55) Styrene	10.115	104	341539	15.792	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.783	83	116287	12.958	ug/L	95
61) 1,2,3-Trichloropropane	10.986	75	11997	1.897	ug/L #	41
71) Naphthalene	14.098	128	2048	0.109	ug/L #	76

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QLast Update : Wed Jul 27 03:55:15 2022
Response via : Initial Calibration

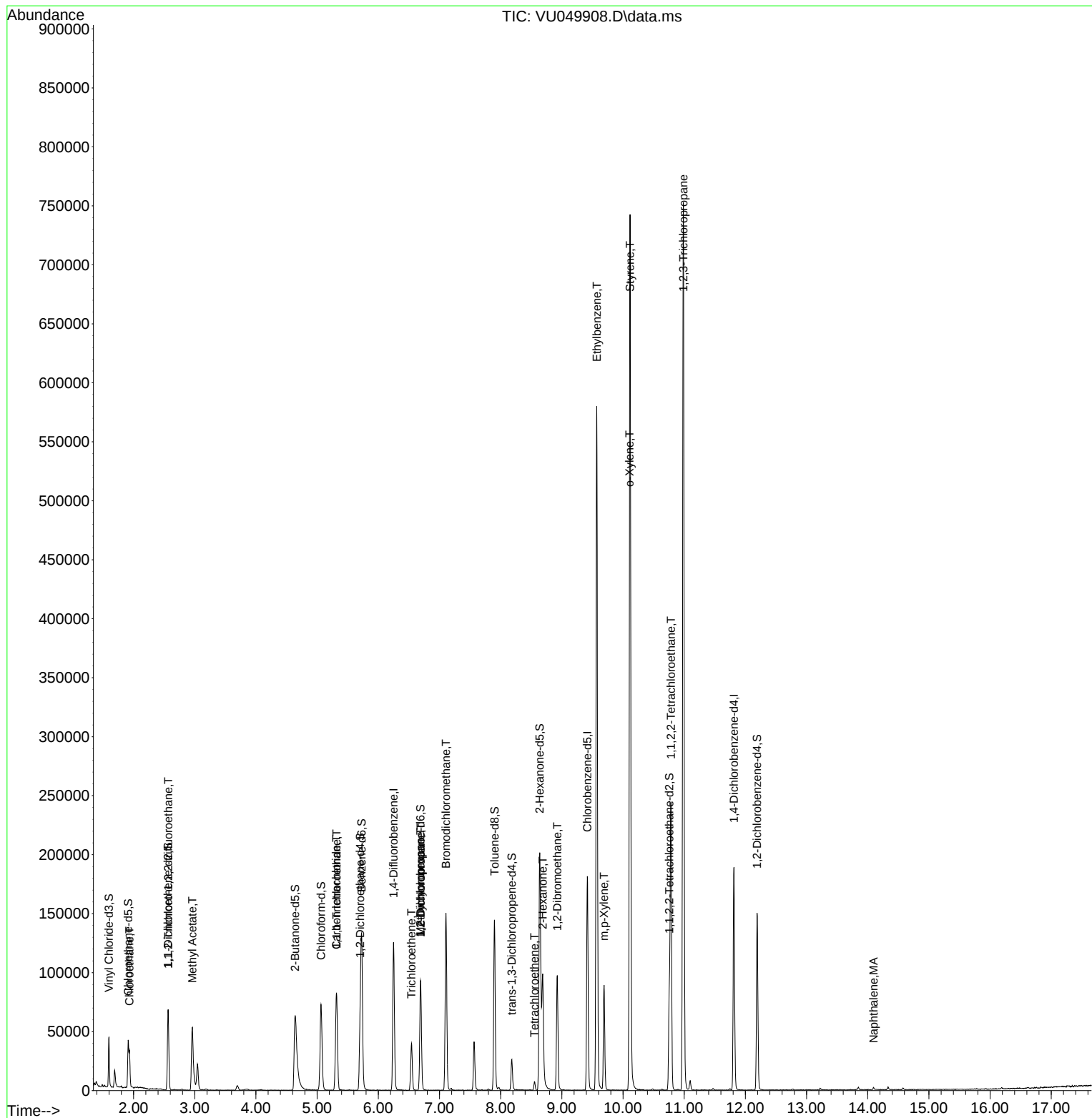
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

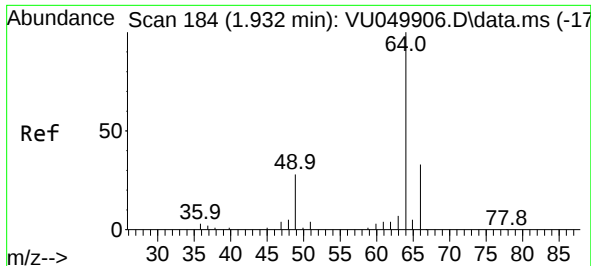
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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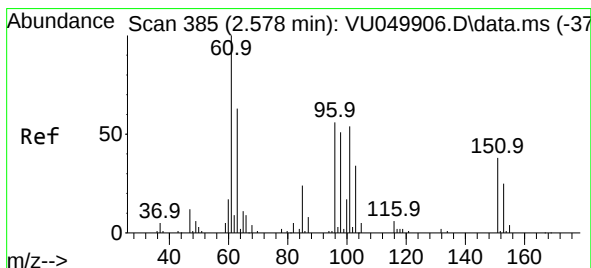
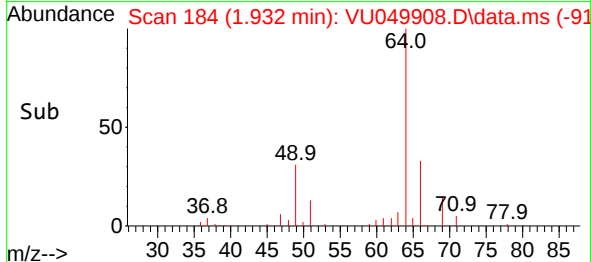
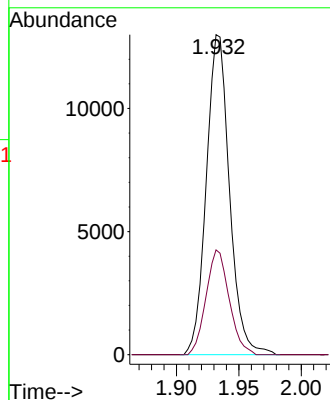
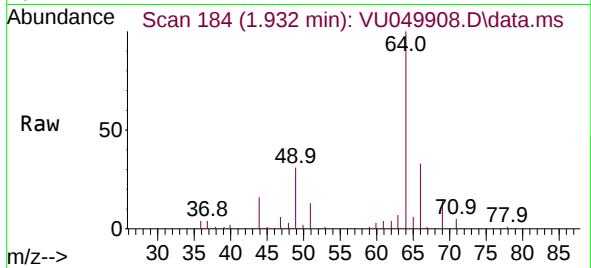




#8
Chloroethane
Concen: 2.772 ug/L
RT: 1.932 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU049908.D
Acq: 26 Jul 2022 12:21

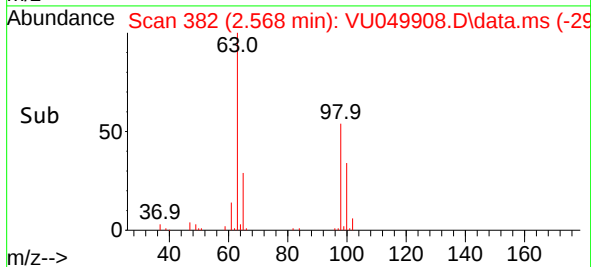
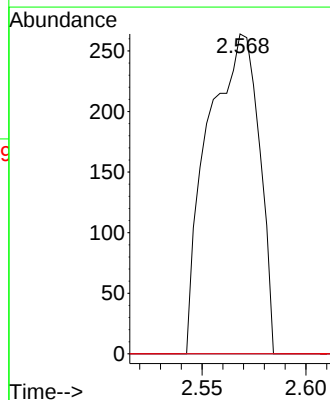
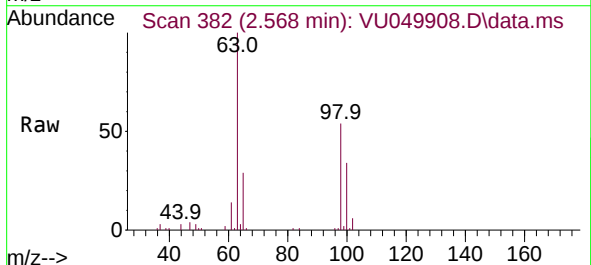
Instrument :
MSVOA_U
ClientSampleId :
DBUN9

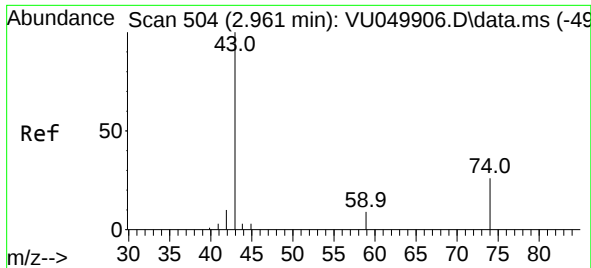
Tgt Ion: 64 Resp: 16811
Ion Ratio Lower Upper
64 100
66 32.8 22.7 42.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.071 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.010 min
Lab File: VU049908.D
Acq: 26 Jul 2022 12:21

Tgt Ion:101 Resp: 452
Ion Ratio Lower Upper
101 100
85 0.0 37.2 55.8#
151 0.0 56.0 84.0#

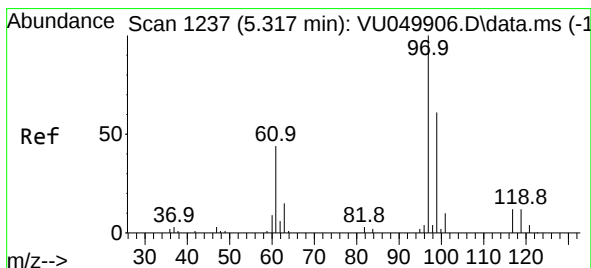
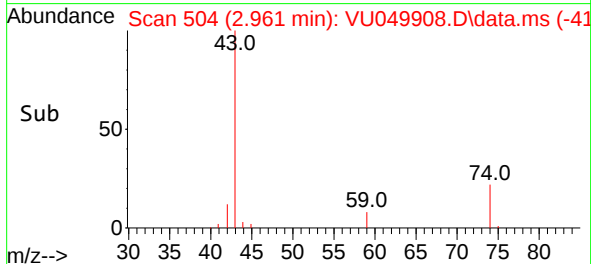
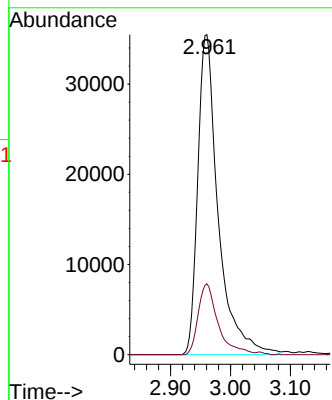
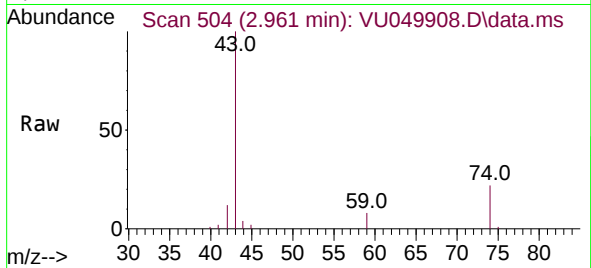




#15
Methyl Acetate
Concen: 19.881 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.000 min
Lab File: VU049908.D
Acq: 26 Jul 2022 12:21

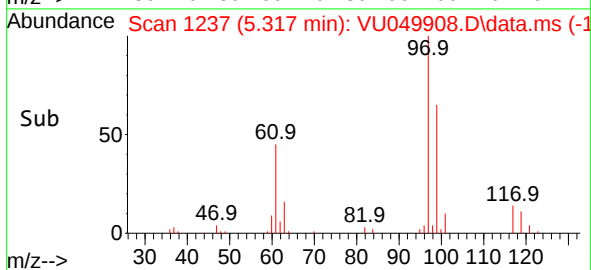
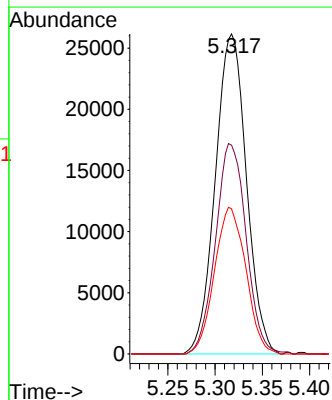
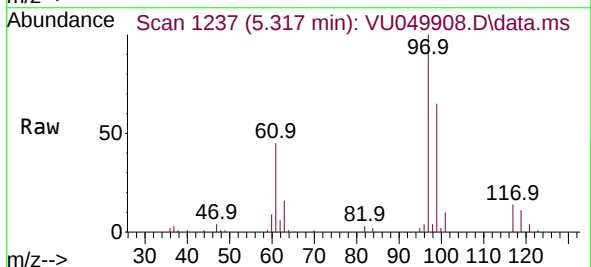
Instrument :
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ClientSampleId :
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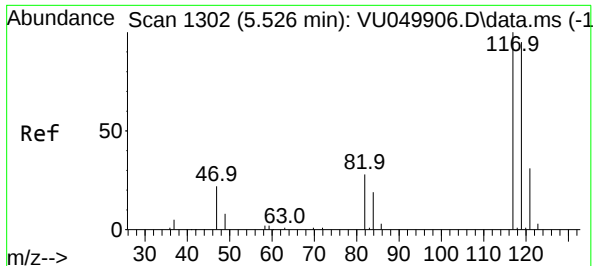
Tgt Ion: 43 Resp: 84159
Ion Ratio Lower Upper
43 100
74 21.6 17.1 25.7



#29
1,1,1-Trichloroethane
Concen: 4.534 ug/L
RT: 5.317 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VU049908.D
Acq: 26 Jul 2022 12:21

Tgt Ion: 97 Resp: 59906
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.8
61 46.1 38.3 57.5

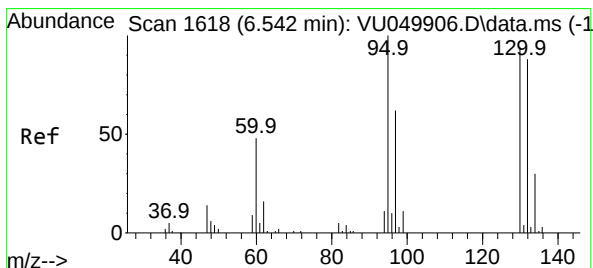
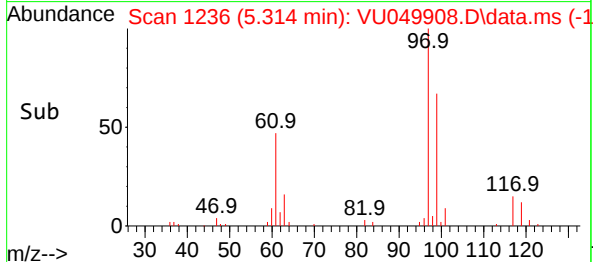
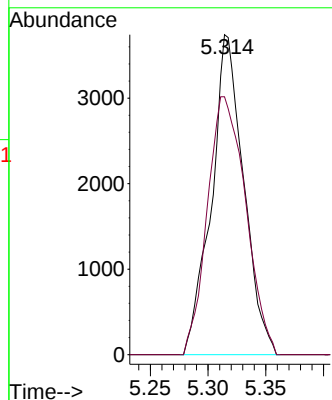
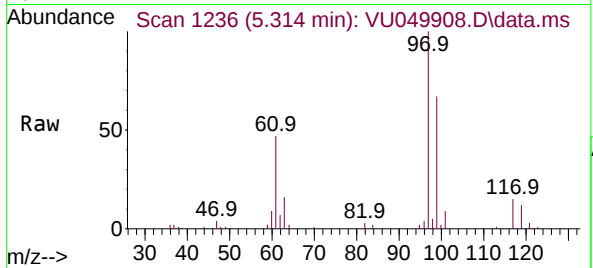




#31
Carbon tetrachloride
Concen: 0.677 ug/L
RT: 5.314 min Scan# 117
Delta R.T. -0.212 min
Lab File: VU049908.D
Acq: 26 Jul 2022 12:21

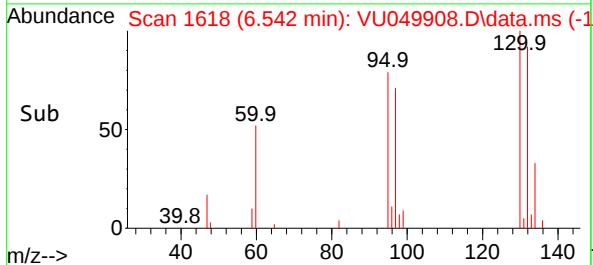
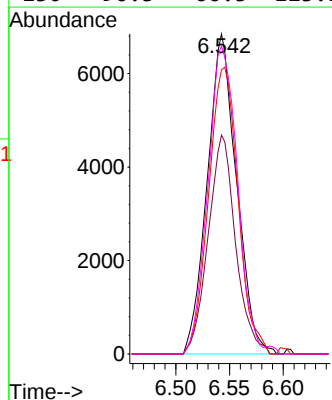
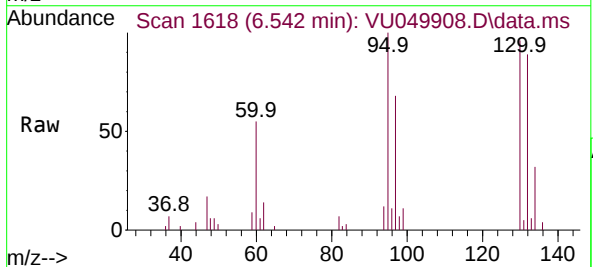
Instrument :
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ClientSampleId :
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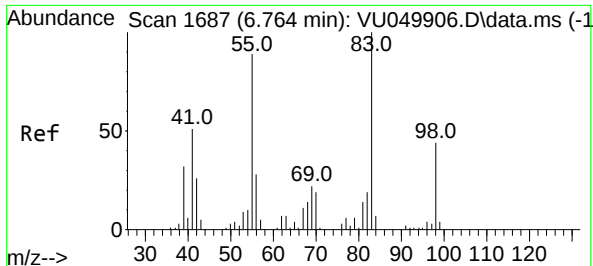
Tgt Ion: 117 Resp: 7268
Ion Ratio Lower Upper
117 100
119 95.7 75.2 112.8



#34
Trichloroethene
Concen: 1.565 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU049908.D
Acq: 26 Jul 2022 12:21

Tgt Ion: 95 Resp: 12960
Ion Ratio Lower Upper
95 100
97 68.4 46.8 86.8
132 88.8 61.8 114.8
130 96.3 66.3 123.1

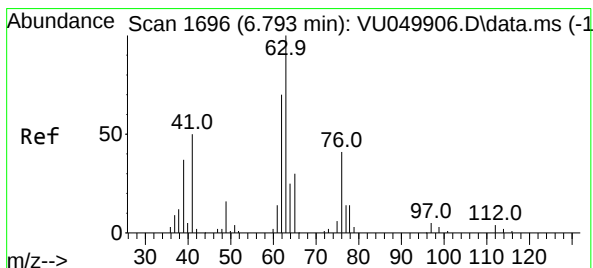
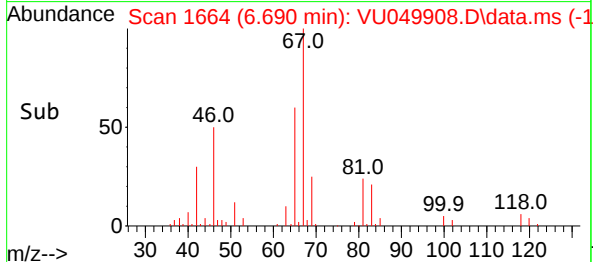
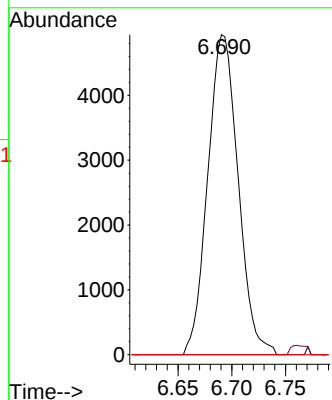
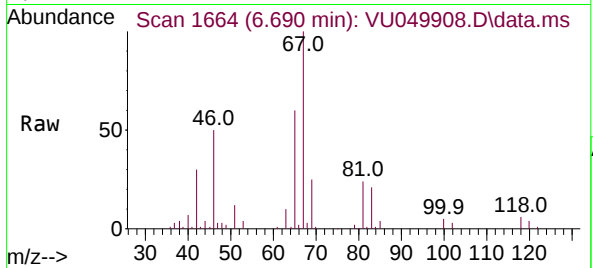




#35
Methylcyclohexane
Concen: 0.949 ug/L
RT: 6.690 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU049908.D
Acq: 26 Jul 2022 12:21

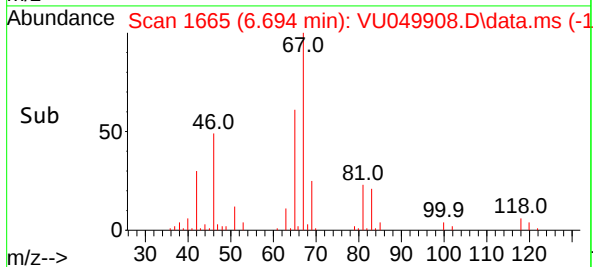
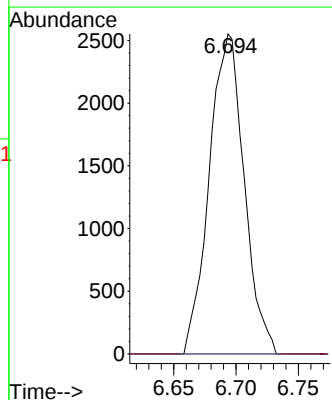
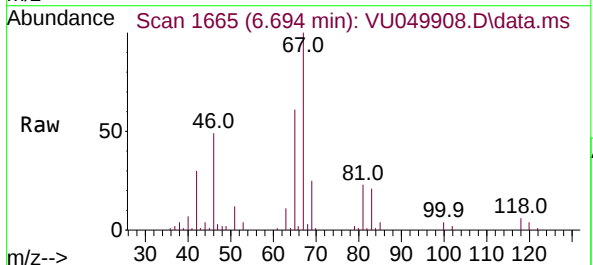
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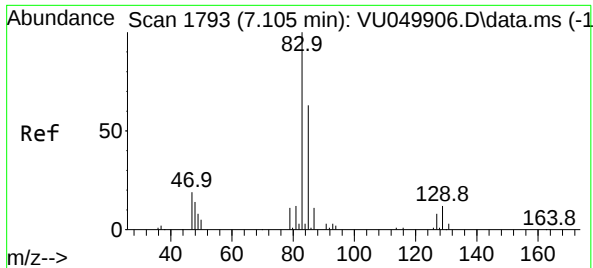
Tgt Ion: 83 Resp: 9696
Ion Ratio Lower Upper
83 100
55 1.5 69.0 103.4#
98 1.7 36.4 54.6#



#37
1,2-Dichloropropane
Concen: 0.510 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU049908.D
Acq: 26 Jul 2022 12:21

Tgt Ion: 63 Resp: 4968
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#

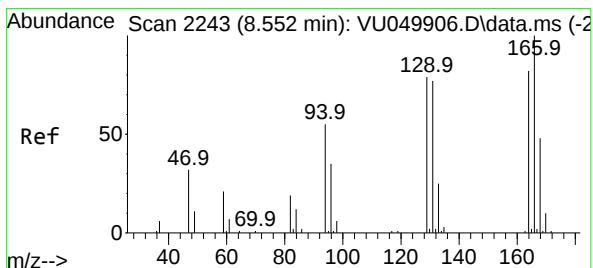
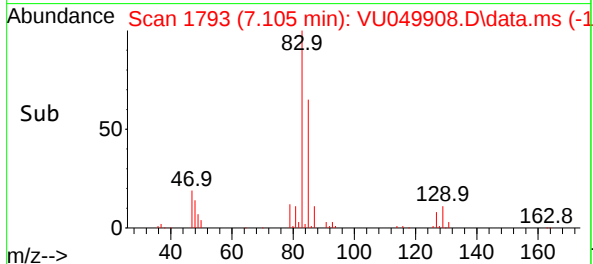
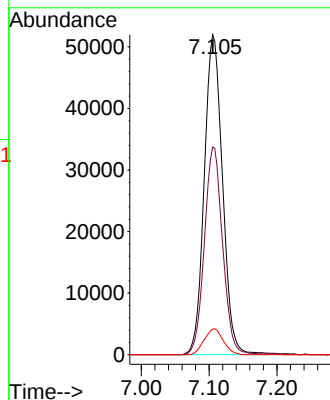
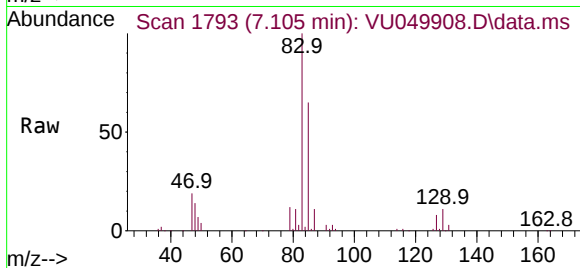




#38
Bromodichloromethane
Concen: 8.003 ug/L
RT: 7.105 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU049908.D
Acq: 26 Jul 2022 12:21

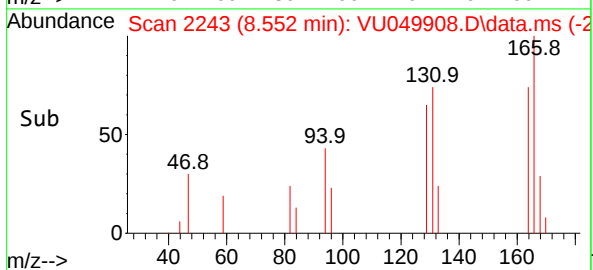
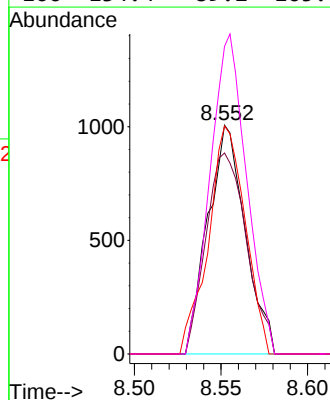
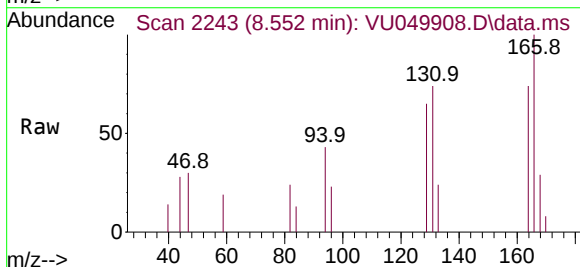
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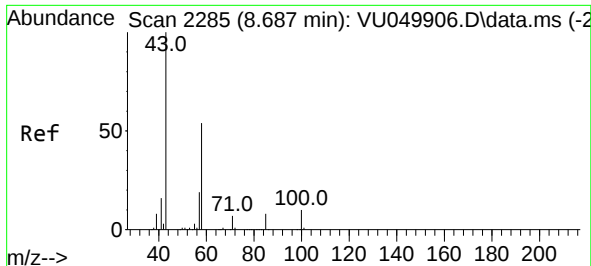
Tgt Ion: 83 Resp: 97331
Ion Ratio Lower Upper
83 100
85 64.9 45.9 85.3
127 8.0 7.0 10.6



#47
Tetrachloroethene
Concen: 0.265 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU049908.D
Acq: 26 Jul 2022 12:21

Tgt Ion: 164 Resp: 1512
Ion Ratio Lower Upper
164 100
129 87.8 68.9 127.9
131 99.6 67.5 125.4
166 134.4 89.2 165.8

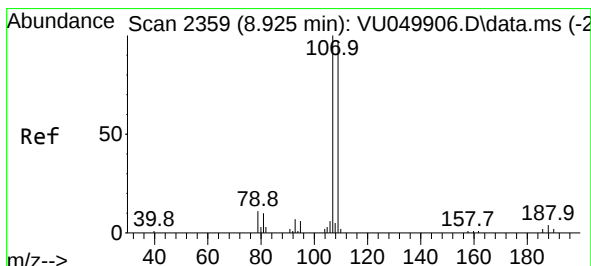
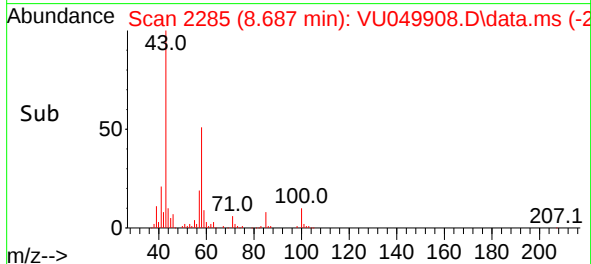
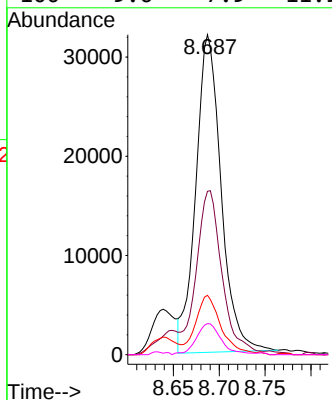
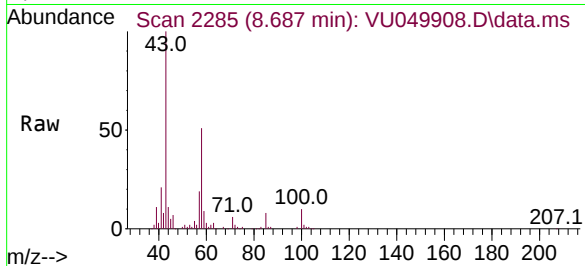




#48
2-Hexanone
Concen: 12.144 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049908.D
Acq: 26 Jul 2022 12:21

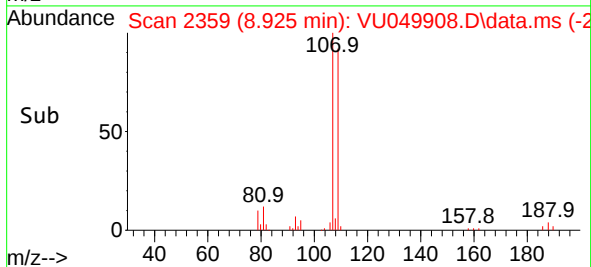
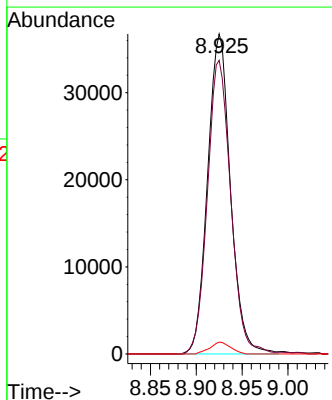
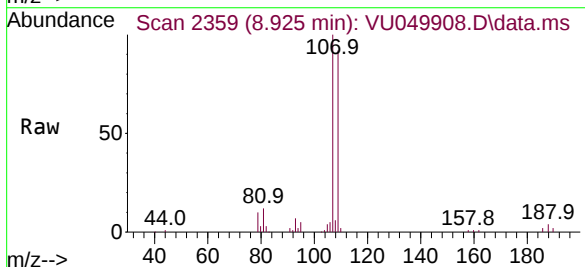
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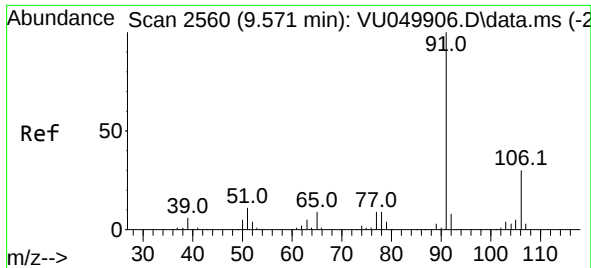
Tgt Ion: 43	Resp: 61541
Ion Ratio	Lower Upper
43 100	
58 50.0	42.1 63.1
57 19.0	14.3 21.5
100 9.6	7.9 11.9



#50
1,2-Dibromoethane
Concen: 10.331 ug/L
RT: 8.925 min Scan# 2359
Delta R.T. -0.000 min
Lab File: VU049908.D
Acq: 26 Jul 2022 12:21

Tgt Ion:107	Resp: 63740		
Ion Ratio	Lower	Upper	
107 100			
109 91.7	65.6	121.8	
188 3.7	2.8	4.2	

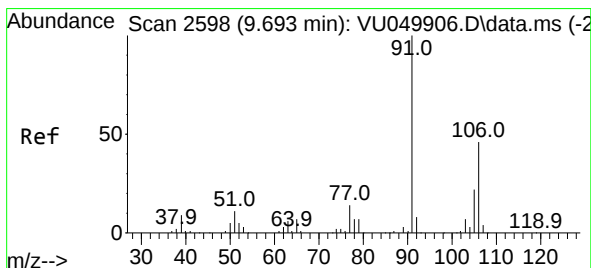
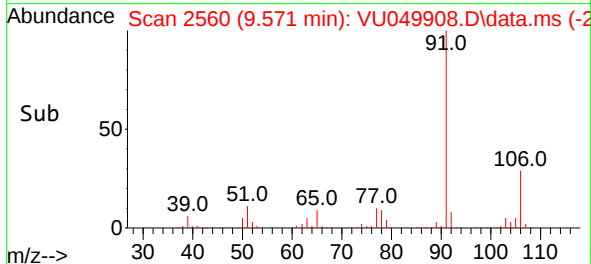
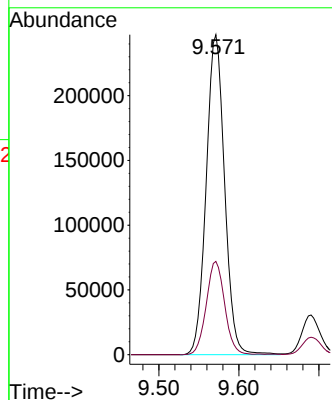
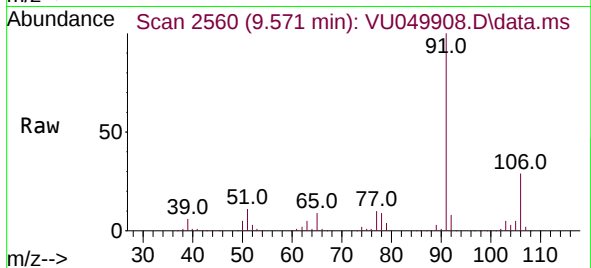




#52
Ethylbenzene
Concen: 11.266 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU049908.D
Acq: 26 Jul 2022 12:21

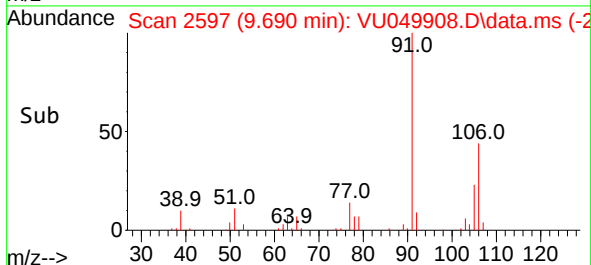
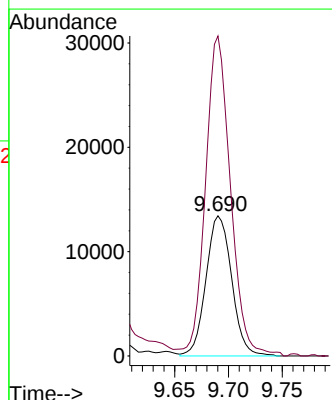
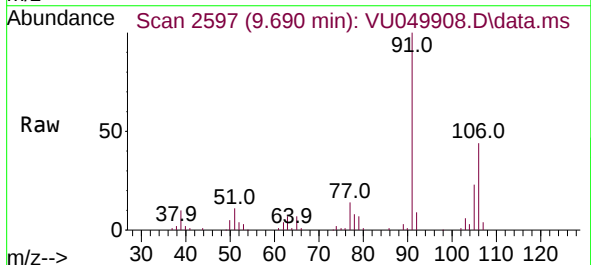
Instrument :
MSVOA_U
ClientSampleId :
DBUN9

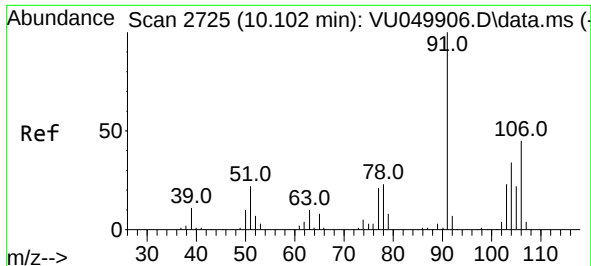
Tgt Ion: 91 Resp: 395697
Ion Ratio Lower Upper
91 100
106 29.2 20.6 38.4



#53
m,p-Xylene
Concen: 1.730 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU049908.D
Acq: 26 Jul 2022 12:21

Tgt Ion: 106 Resp: 22351
Ion Ratio Lower Upper
106 100
91 228.3 149.7 277.9

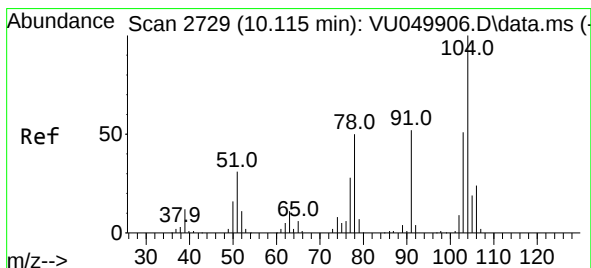
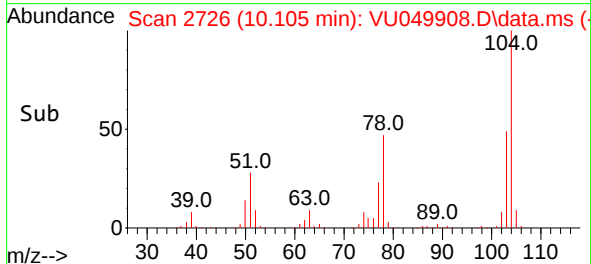
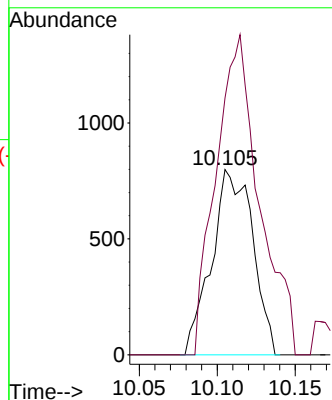
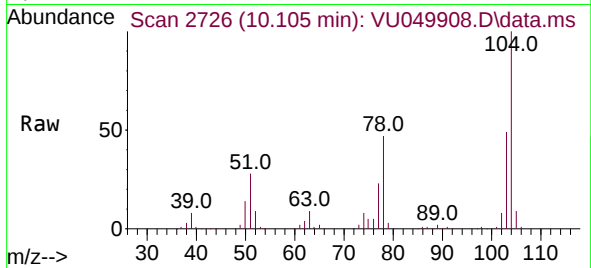




#54
o-Xylene
Concen: 0.115 ug/L
RT: 10.105 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU049908.D
Acq: 26 Jul 2022 12:21

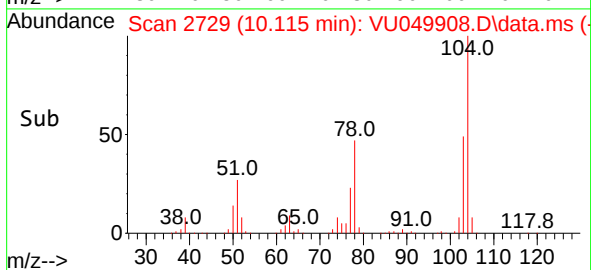
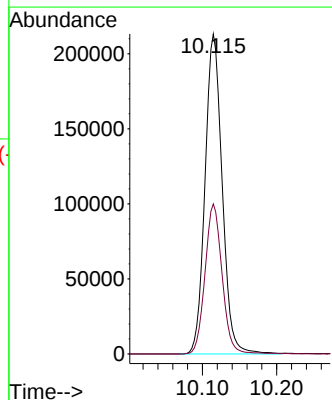
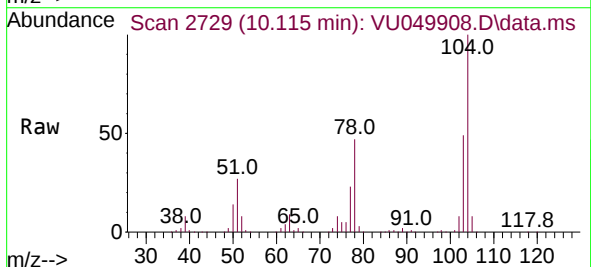
Instrument :
MSVOA_U
ClientSampleId :
DBUN9

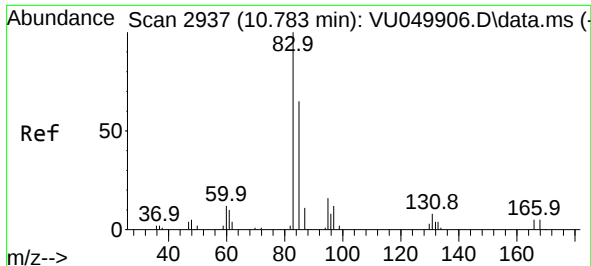
Tgt Ion:106 Resp: 1466
Ion Ratio Lower Upper
106 100
91 138.7 159.4 296.0#



#55
Styrene
Concen: 15.792 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU049908.D
Acq: 26 Jul 2022 12:21

Tgt Ion:104 Resp: 341539
Ion Ratio Lower Upper
104 100
78 46.9 35.1 65.3





#57

1,1,2,2-Tetrachloroethane

Concen: 12.958 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU049908.D

Acq: 26 Jul 2022 12:21

Instrument :

MSVOA_U

ClientSampleId :

DBUN9

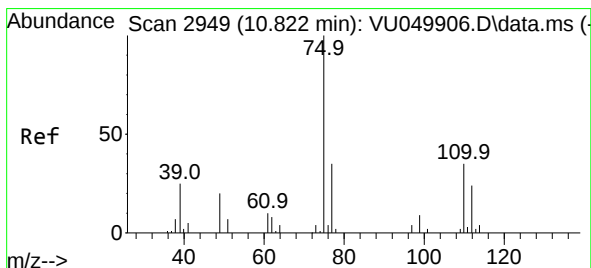
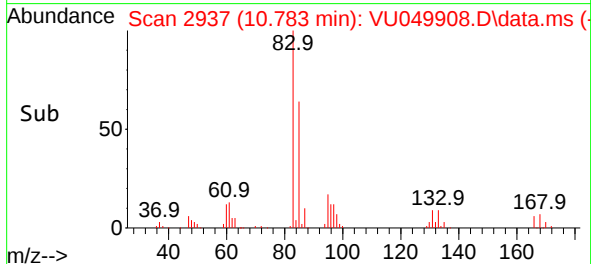
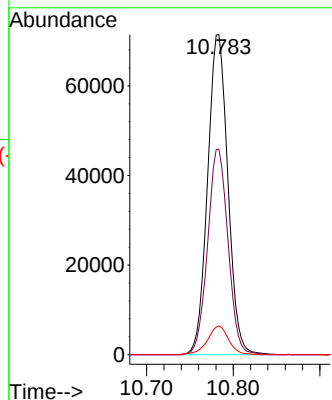
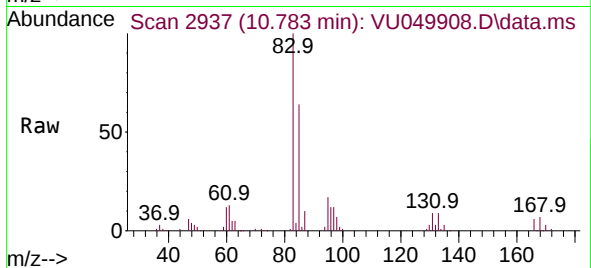
Tgt Ion: 83 Resp: 116287

Ion Ratio Lower Upper

83 100

85 64.2 47.9 89.1

131 9.0 7.3 10.9



#61

1,2,3-Trichloropropane

Concen: 1.897 ug/L

RT: 10.986 min Scan# 3000

Delta R.T. 0.164 min

Lab File: VU049908.D

Acq: 26 Jul 2022 12:21

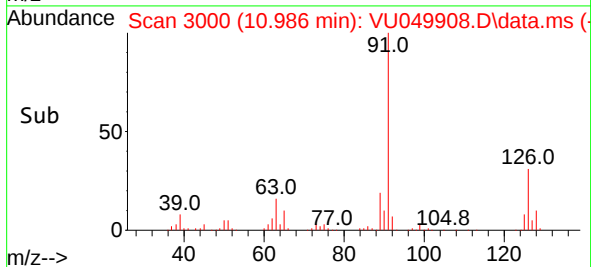
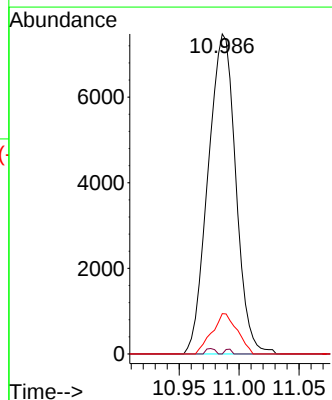
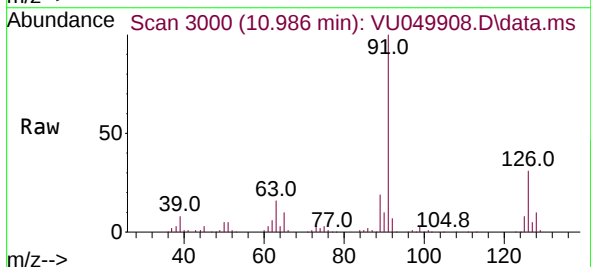
Tgt Ion: 75 Resp: 11997

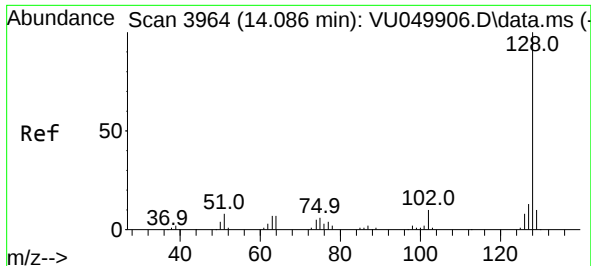
Ion Ratio Lower Upper

75 100

110 0.4 28.0 42.0#

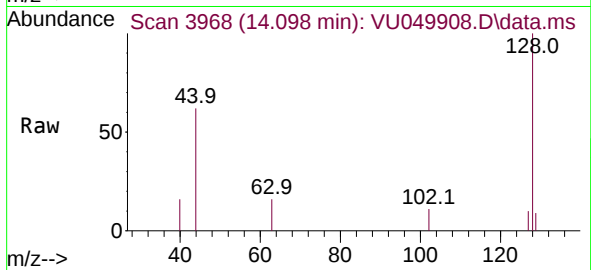
77 0.0 25.4 38.2#





#71
Naphthalene
Concen: 0.109 ug/L
RT: 14.098 min Scan# 3968
Delta R.T. 0.013 min
Lab File: VU049908.D
Acq: 26 Jul 2022 12:21

Instrument :
MSVOA_U
ClientSampleId :
DBUN9



Tgt Ion:128 Resp: 2048
Ion Ratio Lower Upper
128 100
129 2.1 8.2 12.4#
127 3.3 11.1 16.7#

