

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U072622\
 Data File : U072622.D
 Acq On : 27 Jul 2022 04:37
 Operator : SY/MD
 Sample : N3879-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUH9

Quant Time: Jul 27 05:33:02 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	71234	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	71865	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	33122	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	20757	3.599	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.000%
7) Chloroethane-d5	1.912	69	21213	4.395	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.568	65	9492	3.688	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.800%
20) 2-Butanone-d5	4.632	46	130374	62.831	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.660%
24) Chloroform-d	5.063	84	60292	4.694	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.703	65	36685	4.871	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.729	84	100559	4.106	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.690	67	39301	4.645	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.899	98	74827	3.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.000%
43) trans-1,3-Dichloroprop...	8.179	79	12070	3.930	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.600%
46) 2-Hexanone-d5	8.636	63	67447	55.415	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.820%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39600	5.574	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	32242	4.716	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.137	101	7374	0.775	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	228	0.049	ug/L #	21
13) Acetone	2.649	43	5057	4.052	ug/L	74
14) Carbon disulfide	2.797	76	3320	0.228	ug/L	95
15) Methyl Acetate	2.957	43	5576	1.792	ug/L #	86
17) Methyl tert-butyl Ether	3.366	73	44932	2.947	ug/L #	89
19) 1,1-Dichloroethane	3.874	63	1262	0.107	ug/L #	85
21) 2-Butanone	4.716	43	3907	1.846	ug/L	79
22) cis-1,2-Dichloroethene	4.677	96	1462	0.232	ug/L	88
27) 1,2-Dichloroethane	5.800	62	16921	1.975	ug/L	100
33) Benzene	5.777	78	2682	0.103	ug/L	100
34) Trichloroethene	6.542	95	10885	1.722	ug/L	92
35) Methylcyclohexane	6.690	83	8670	1.112	ug/L #	18
42) Toluene	7.970	91	105416	4.042	ug/L	99
47) Tetrachloroethene	8.555	164	823850	189.283	ug/L	98
48) 2-Hexanone	8.684	43	23735	6.134	ug/L #	93
49) Dibromochloromethane	8.552	129	834489	140.752	ug/L #	14
53) m,p-Xylene	9.697	106	1120	0.114	ug/L	96
61) 1,2,3-Trichloropropane	11.815	75	4687	1.062	ug/L #	67

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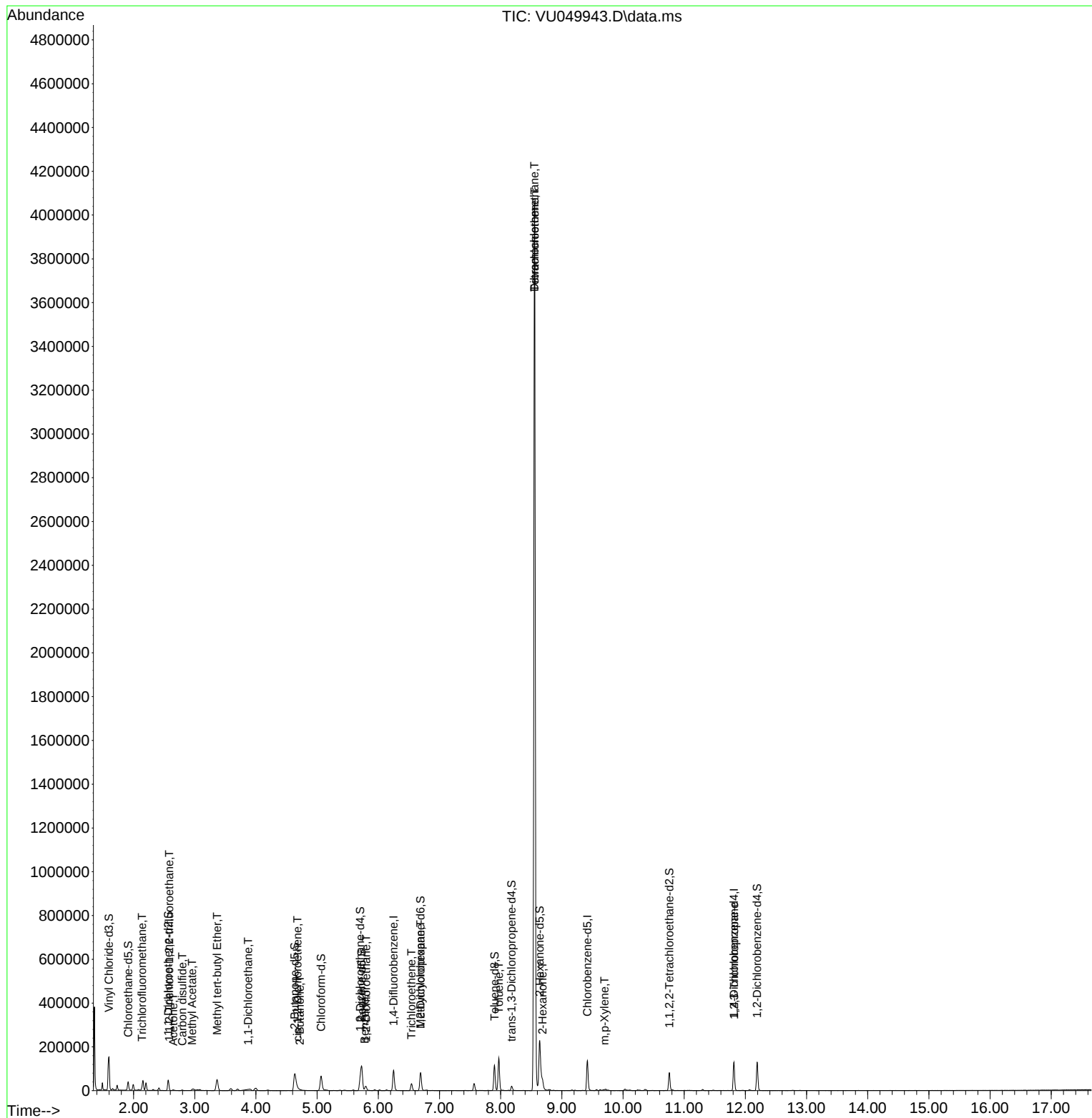
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

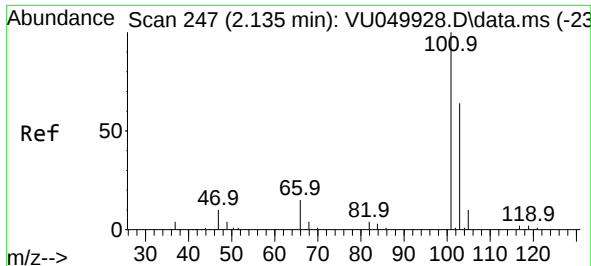
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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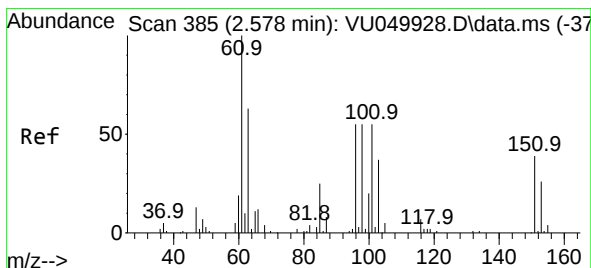
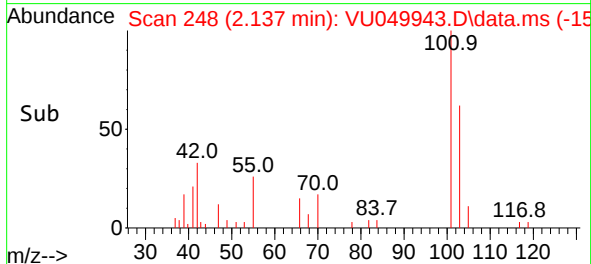
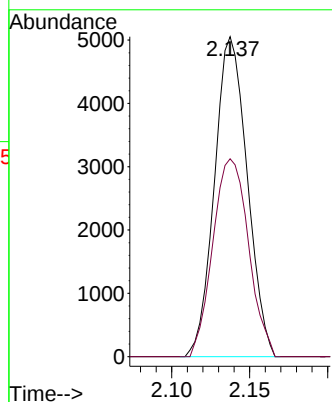
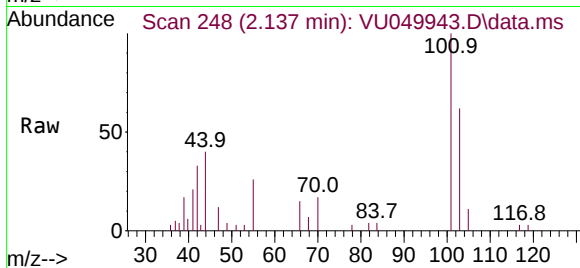




#9
 Trichlorofluoromethane
 Concen: 0.775 ug/L
 RT: 2.137 min Scan# 247
 Delta R.T. 0.003 min
 Lab File: VU049943.D
 Acq: 27 Jul 2022 04:37

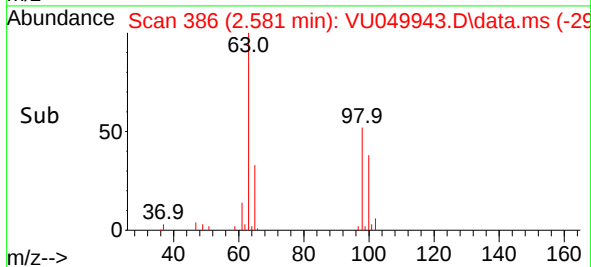
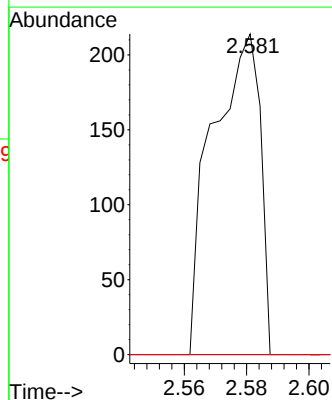
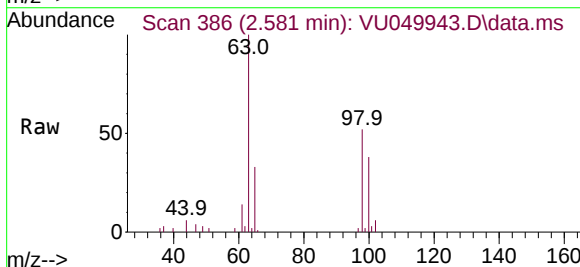
Instrument :
 MSVOA_U
 ClientSampleId :
 DBUH9

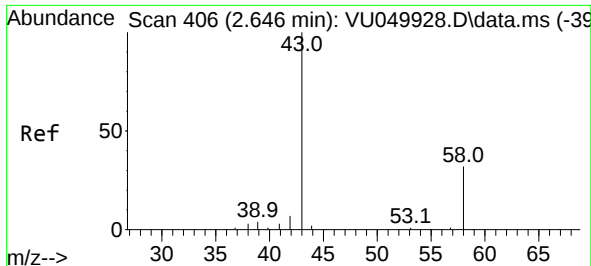
Tgt Ion:101 Resp: 7374
 Ion Ratio Lower Upper
 101 100
 103 67.4 50.8 76.2



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.049 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU049943.D
 Acq: 27 Jul 2022 04:37

Tgt Ion:101 Resp: 228
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.2 55.8#
 151 0.0 56.0 84.0#





#13

Acetone

Concen: 4.052 ug/L

RT: 2.649 min Scan# 406

Delta R.T. 0.003 min

Lab File: VU049943.D

Acq: 27 Jul 2022 04:37

Instrument :

MSVOA_U

ClientSampleId :

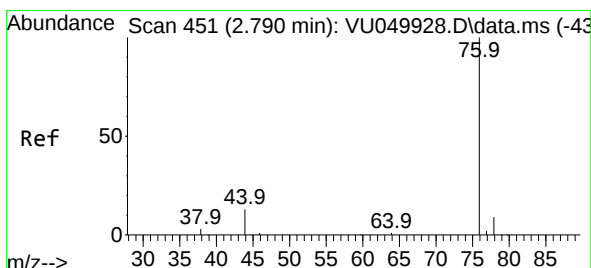
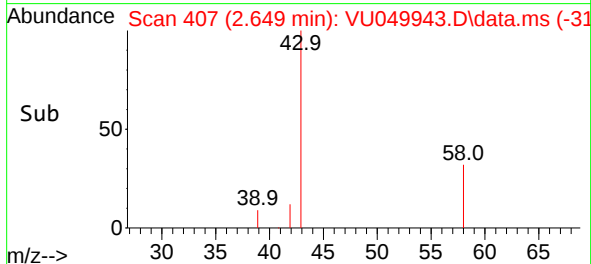
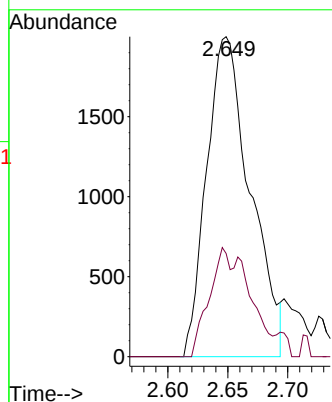
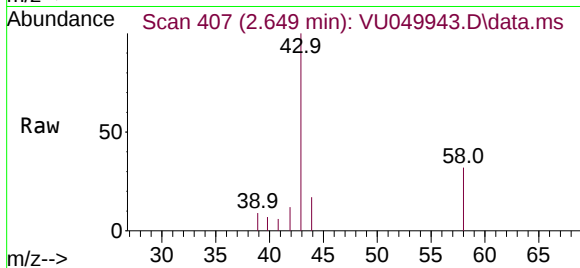
DBUH9

Tgt Ion: 43 Resp: 5057

Ion Ratio Lower Upper

43 100

58 16.2 0.0 61.0



#14

Carbon disulfide

Concen: 0.228 ug/L

RT: 2.797 min Scan# 453

Delta R.T. 0.006 min

Lab File: VU049943.D

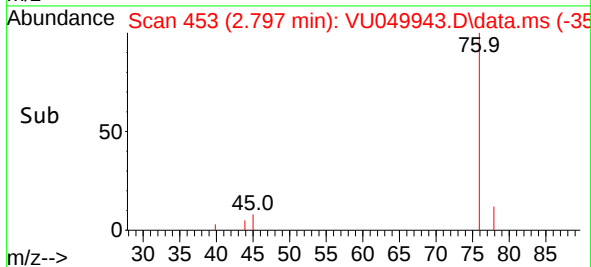
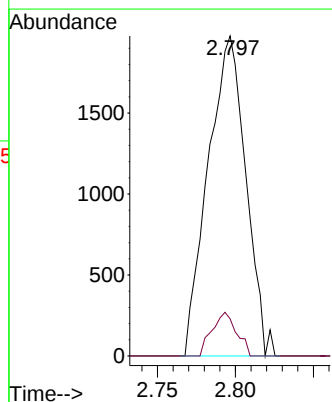
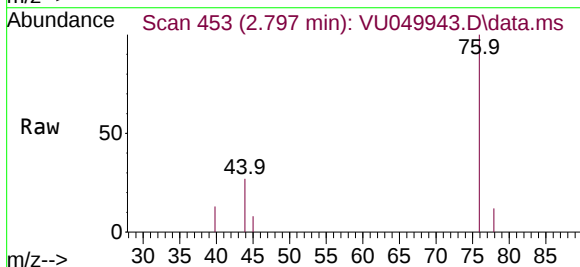
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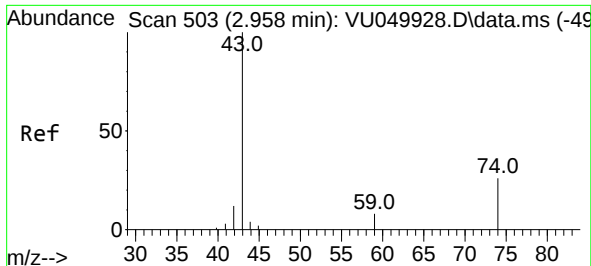
Tgt Ion: 76 Resp: 3320

Ion Ratio Lower Upper

76 100

78 11.6 7.8 11.6

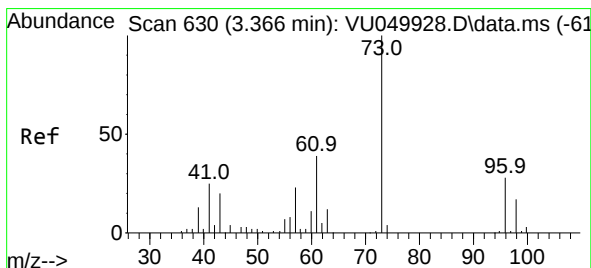
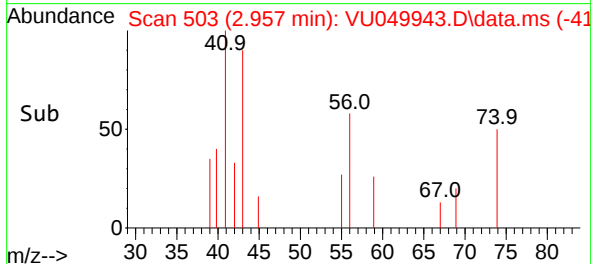
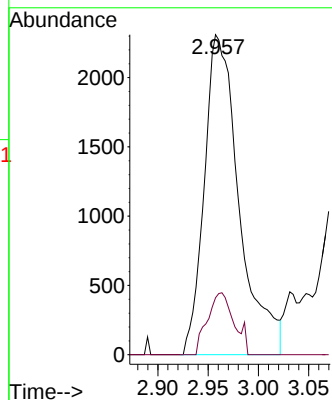
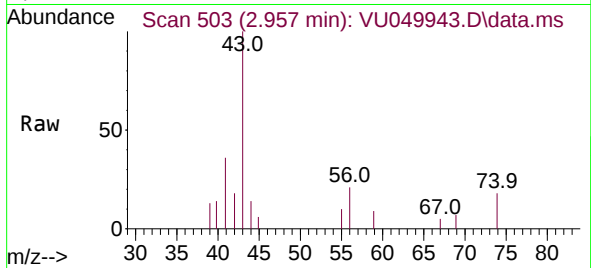




#15
Methyl Acetate
Concen: 1.792 ug/L
RT: 2.957 min Scan# 503
Delta R.T. -0.000 min
Lab File: VU049943.D
Acq: 27 Jul 2022 04:37

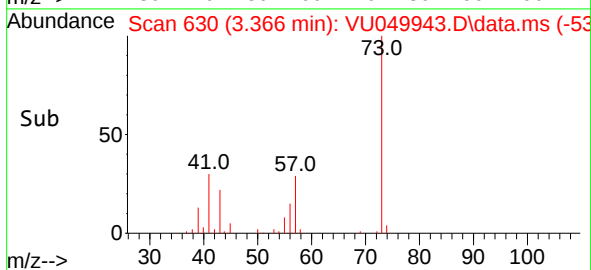
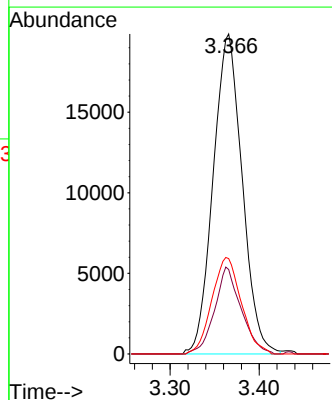
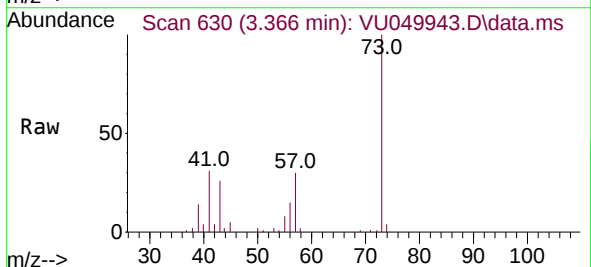
Instrument :
MSVOA_U
ClientSampleId :
DBUH9

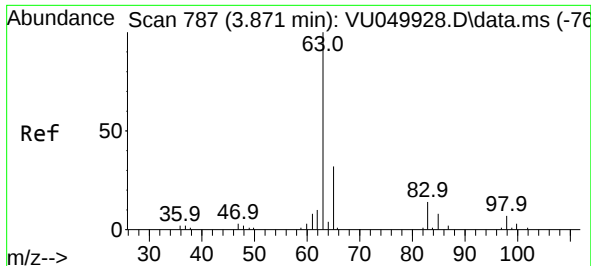
Tgt Ion: 43 Resp: 5576
Ion Ratio Lower Upper
43 100
74 14.7 17.1 25.7#



#17
Methyl tert-butyl Ether
Concen: 2.947 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU049943.D
Acq: 27 Jul 2022 04:37

Tgt Ion: 73 Resp: 44932
Ion Ratio Lower Upper
73 100
43 24.8 17.4 26.2
57 30.5 18.7 28.1#





#19

1,1-Dichloroethane

Concen: 0.107 ug/L

RT: 3.874 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU049943.D

Acq: 27 Jul 2022 04:37

Instrument :

MSVOA_U

ClientSampleId :

DBUH9

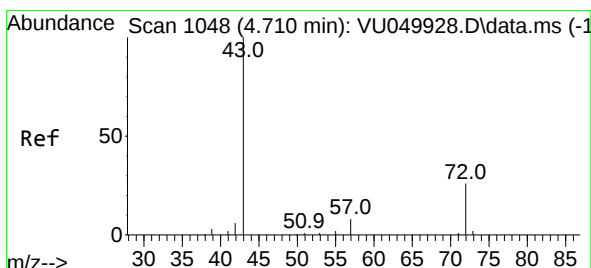
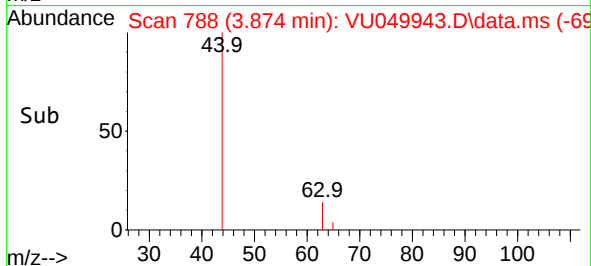
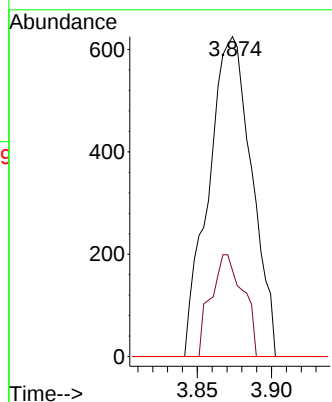
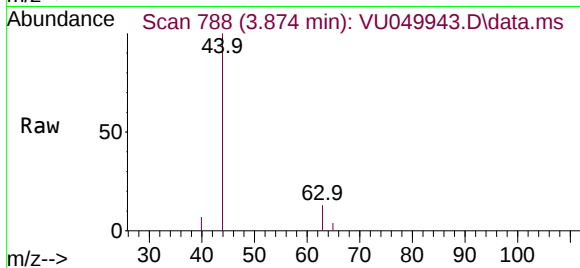
Tgt Ion: 63 Resp: 1262

Ion Ratio Lower Upper

63 100

65 26.9 22.5 41.9

83 0.0 8.3 15.5#



#21

2-Butanone

Concen: 1.846 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. 0.006 min

Lab File: VU049943.D

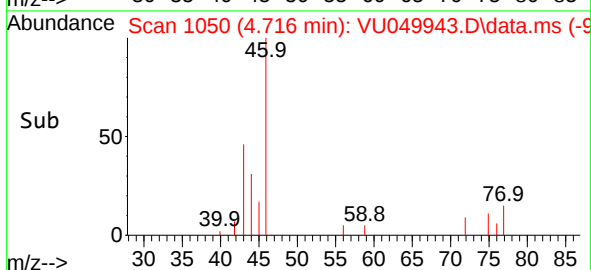
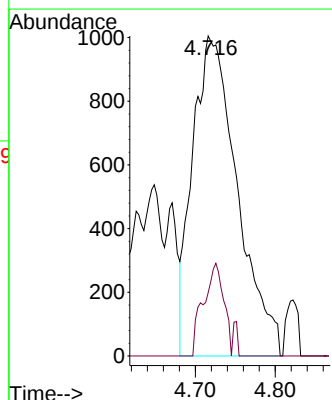
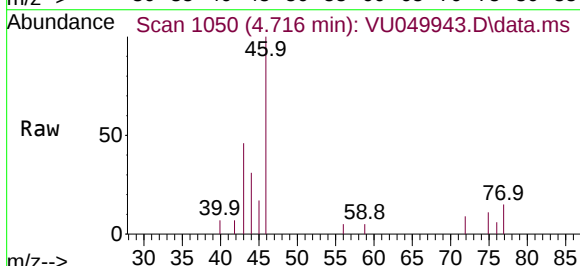
Acq: 27 Jul 2022 04:37

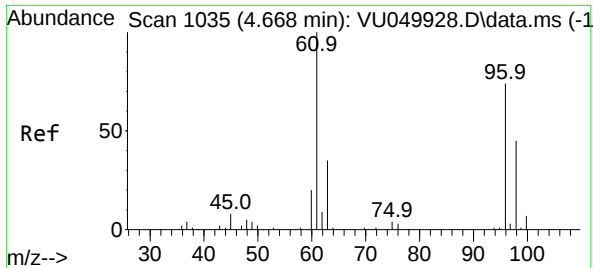
Tgt Ion: 43 Resp: 3907

Ion Ratio Lower Upper

43 100

72 13.2 11.9 35.5

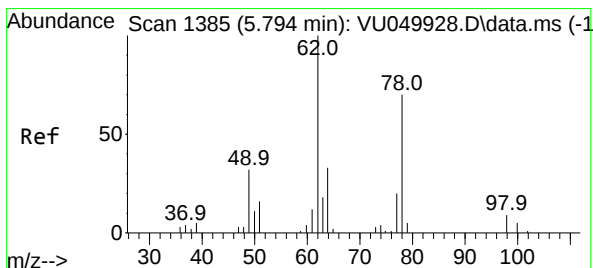
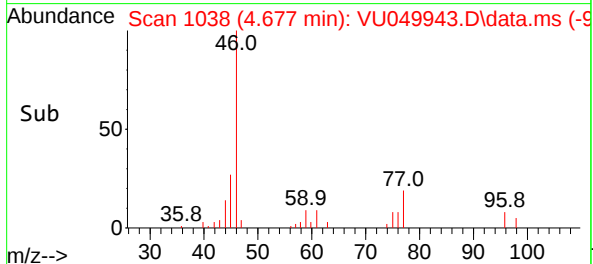
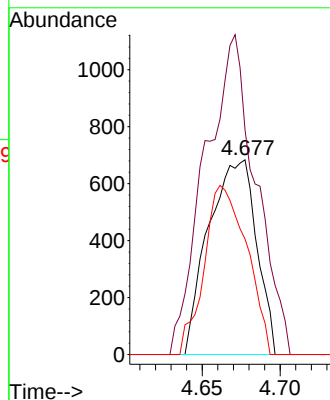
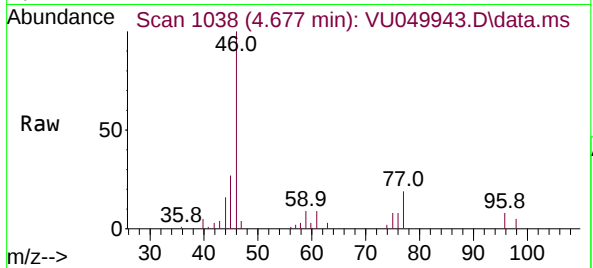




#22
 cis-1,2-Dichloroethene
 Concen: 0.232 ug/L
 RT: 4.677 min Scan# 1038
 Delta R.T. 0.009 min
 Lab File: VU049943.D
 Acq: 27 Jul 2022 04:37

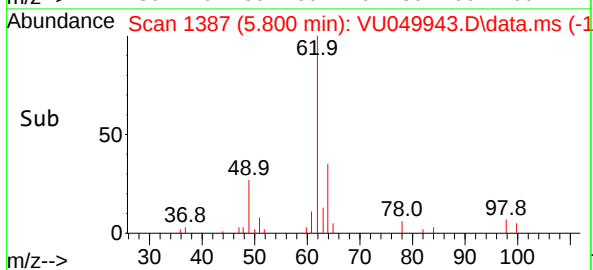
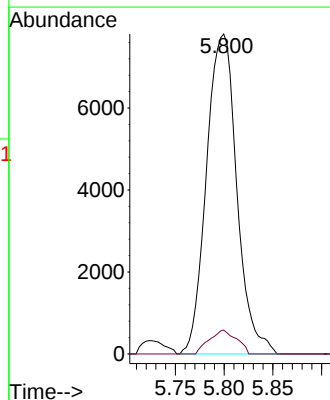
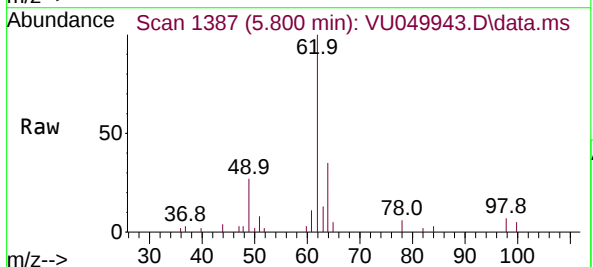
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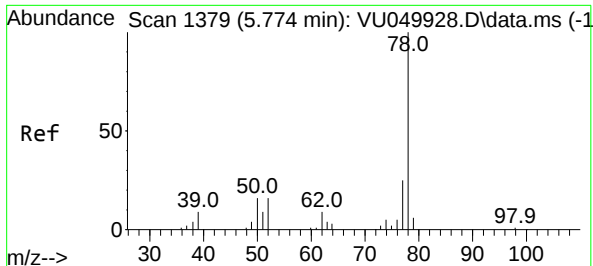
Tgt Ion: 96 Resp: 1462
 Ion Ratio Lower Upper
 96 100
 61 115.5 93.9 174.3
 98 59.4 43.9 81.5



#27
 1,2-Dichloroethane
 Concen: 1.975 ug/L
 RT: 5.800 min Scan# 1387
 Delta R.T. 0.006 min
 Lab File: VU049943.D
 Acq: 27 Jul 2022 04:37

Tgt Ion: 62 Resp: 16921
 Ion Ratio Lower Upper
 62 100
 98 7.4 5.9 8.9

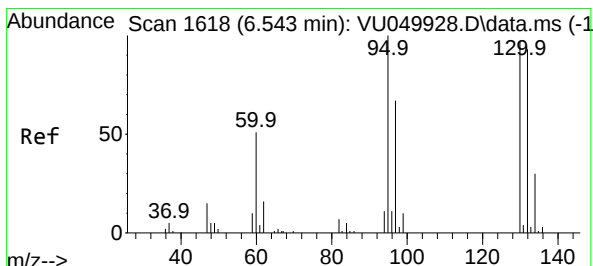
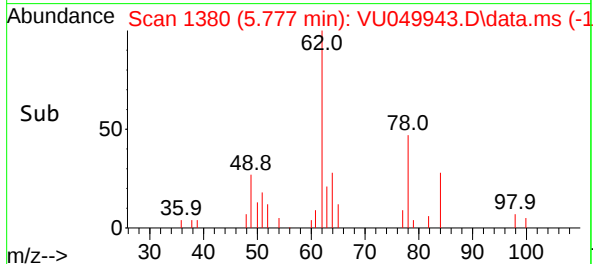
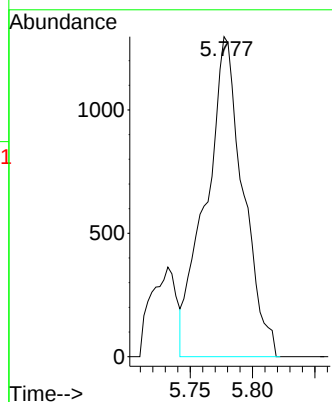
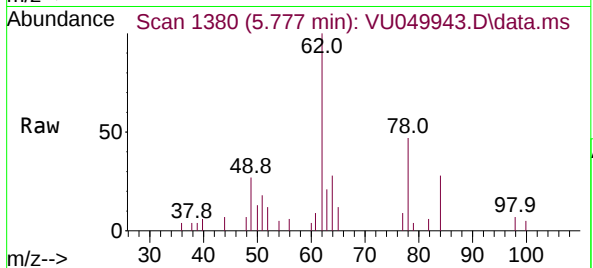




#33
Benzene
Concen: 0.103 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049943.D
Acq: 27 Jul 2022 04:37

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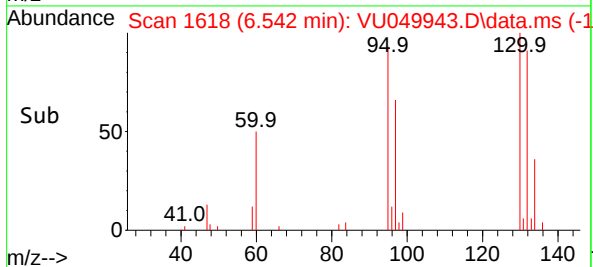
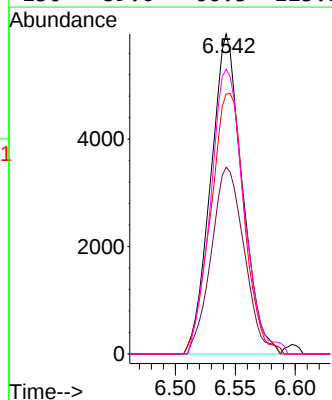
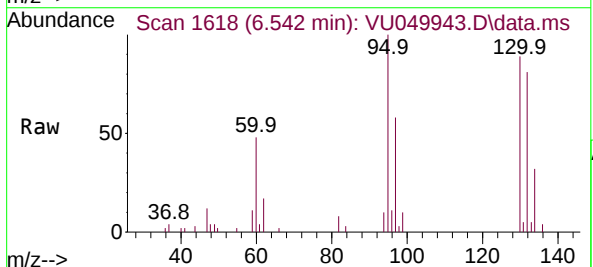
Tgt Ion: 78 Resp: 2682

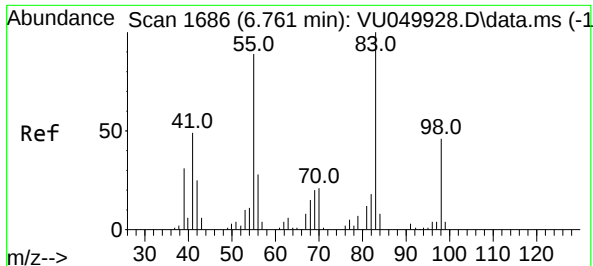


#34
Trichloroethene
Concen: 1.722 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU049943.D
Acq: 27 Jul 2022 04:37

Tgt Ion: 95 Resp: 10885

Ion	Ratio	Lower	Upper
95	100		
97	58.3	46.8	86.8
132	81.2	61.8	114.8
130	89.0	66.3	123.1

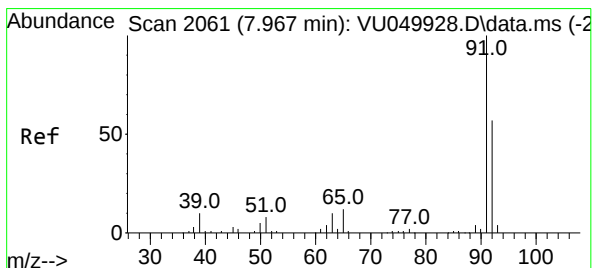
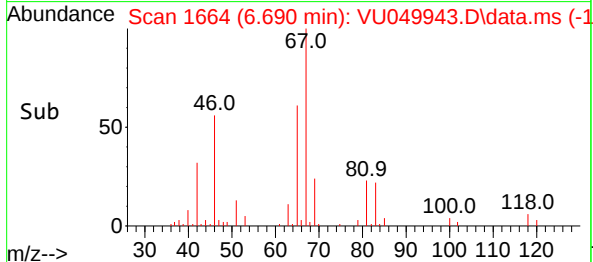
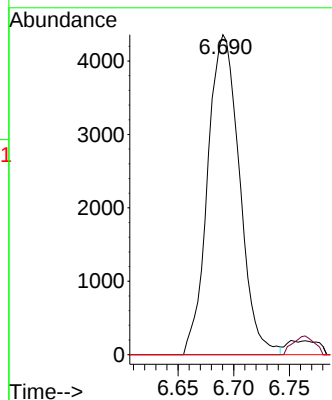
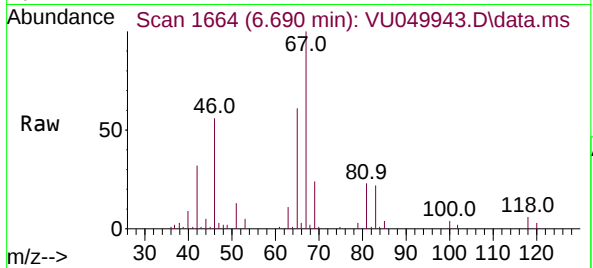




#35
Methylcyclohexane
Concen: 1.112 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.071 min
Lab File: VU049943.D
Acq: 27 Jul 2022 04:37

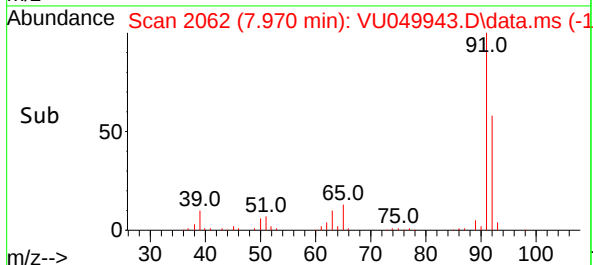
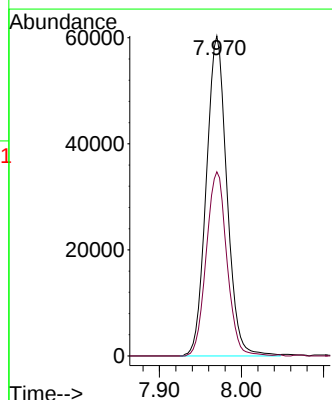
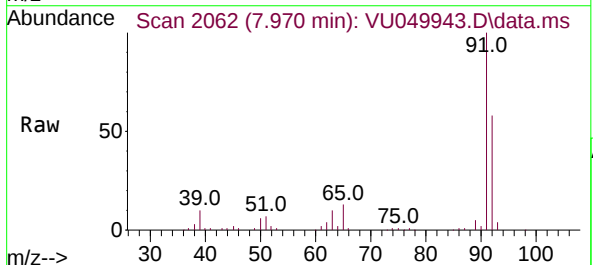
Instrument :
MSVOA_U
ClientSampleId :
DBUH9

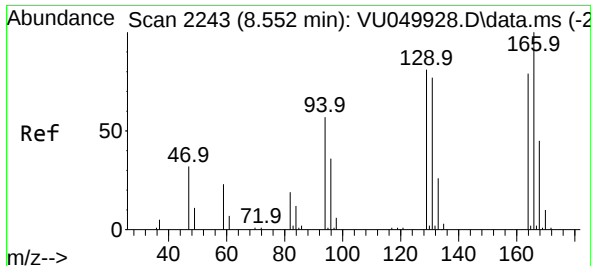
Tgt Ion: 83 Resp: 8670
Ion Ratio Lower Upper
83 100
55 4.0 69.0 103.4#
98 0.0 36.4 54.6#



#42
Toluene
Concen: 4.042 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.003 min
Lab File: VU049943.D
Acq: 27 Jul 2022 04:37

Tgt Ion: 91 Resp: 105416
Ion Ratio Lower Upper
91 100
92 57.5 39.5 73.4





#47

Tetrachloroethene

Concen: 189.283 ug/L

RT: 8.555 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU049943.D

Acq: 27 Jul 2022 04:37

Instrument :

MSVOA_U

ClientSampleId :

DBUH9

Tgt Ion:164 Resp: 823850

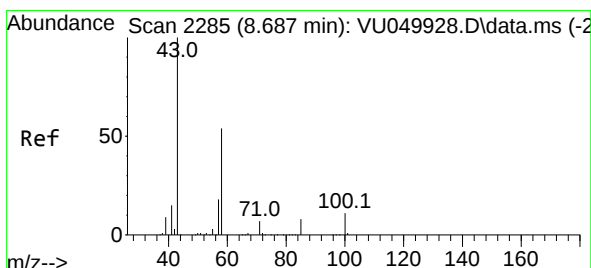
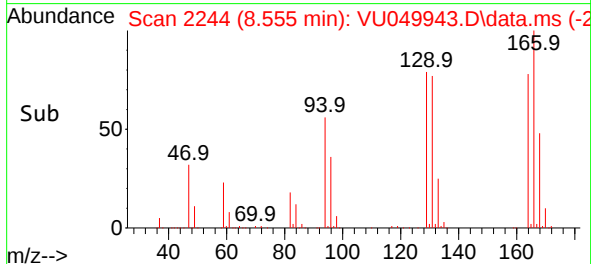
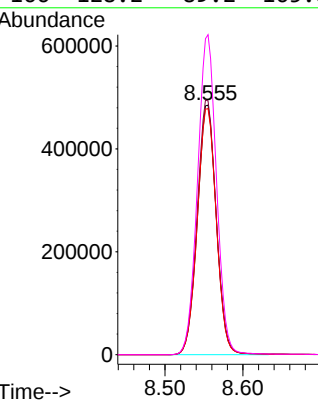
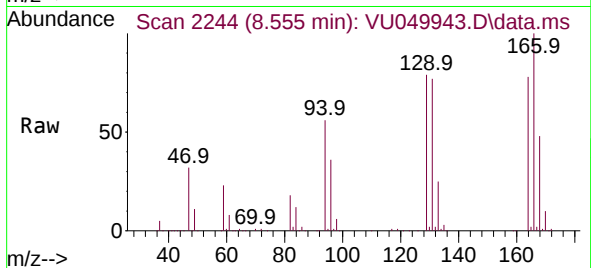
Ion Ratio Lower Upper

164 100

129 101.7 68.9 127.9

131 98.5 67.5 125.4

166 128.2 89.2 165.8



#48

2-Hexanone

Concen: 6.134 ug/L

RT: 8.684 min Scan# 2284

Delta R.T. -0.004 min

Lab File: VU049943.D

Acq: 27 Jul 2022 04:37

Tgt Ion: 43 Resp: 23735

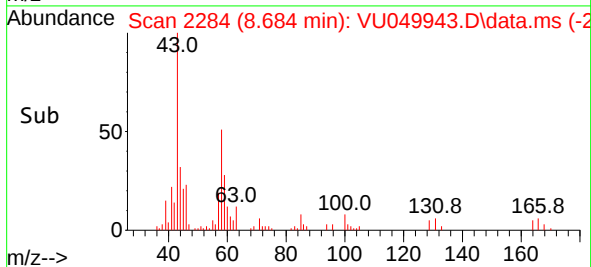
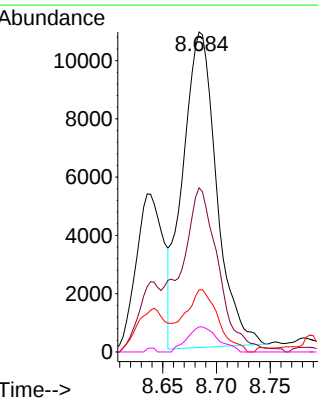
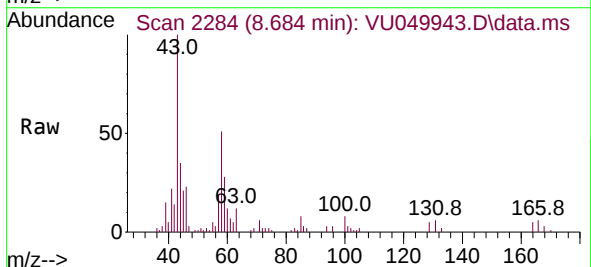
Ion Ratio Lower Upper

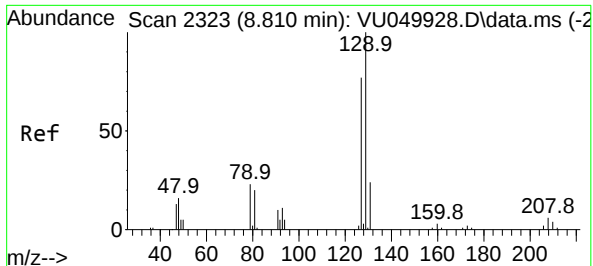
43 100

58 58.6 42.1 63.1

57 18.9 14.3 21.5

100 7.3 7.9 11.9#





#49

Dibromochloromethane

Concen: 140.752 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.258 min

Lab File: VU049943.D

Acq: 27 Jul 2022 04:37

Instrument :

MSVOA_U

ClientSampleId :

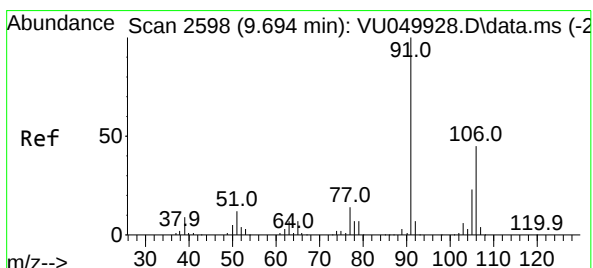
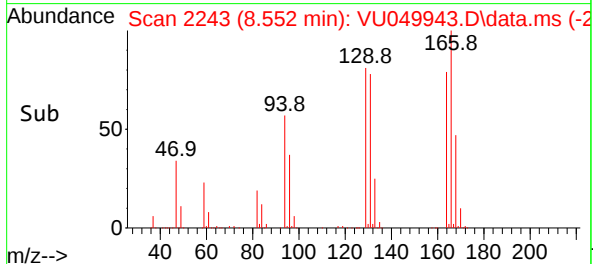
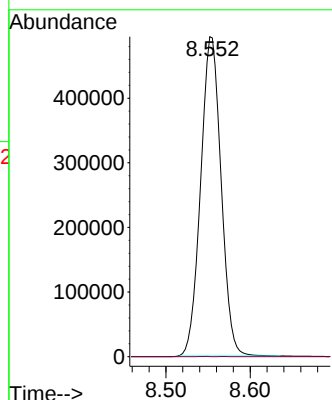
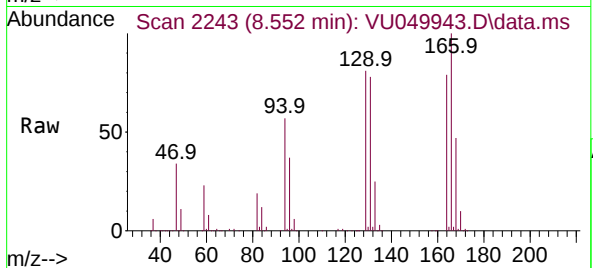
DBUH9

Tgt Ion:129 Resp: 834489

Ion Ratio Lower Upper

129 100

127 0.0 50.5 93.7#



#53

m,p-Xylene

Concen: 0.114 ug/L

RT: 9.697 min Scan# 2599

Delta R.T. 0.003 min

Lab File: VU049943.D

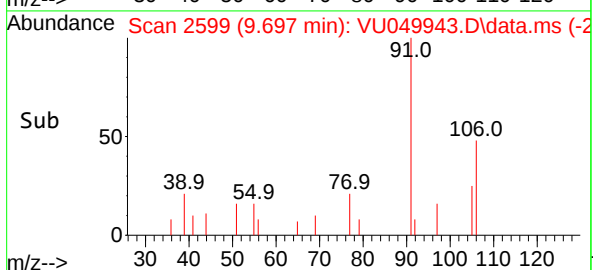
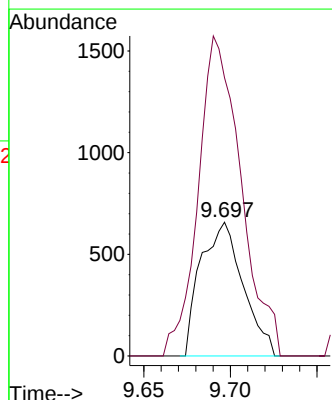
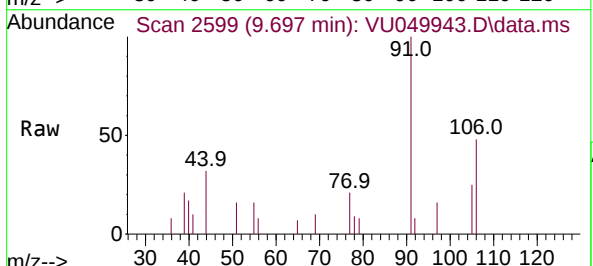
Acq: 27 Jul 2022 04:37

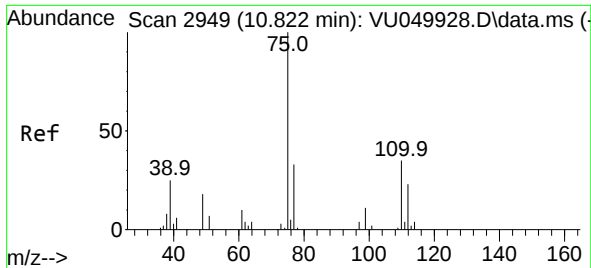
Tgt Ion:106 Resp: 1120

Ion Ratio Lower Upper

106 100

91 208.1 149.7 277.9





#61
 1,2,3-Trichloropropane
 Concen: 1.062 ug/L
 RT: 11.815 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU049943.D
 Acq: 27 Jul 2022 04:37

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUH9

Tgt Ion: 75 Resp: 4687
 Ion Ratio Lower Upper
 75 100
 110 1.0 28.0 42.0#
 77 34.5 25.4 38.2

