

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072622\
 Data File : VU049945.D
 Acq On : 27 Jul 2022 05:26
 Operator : SY/MD
 Sample : N3879-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUJ1

Quant Time: Jul 27 06:42:45 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)

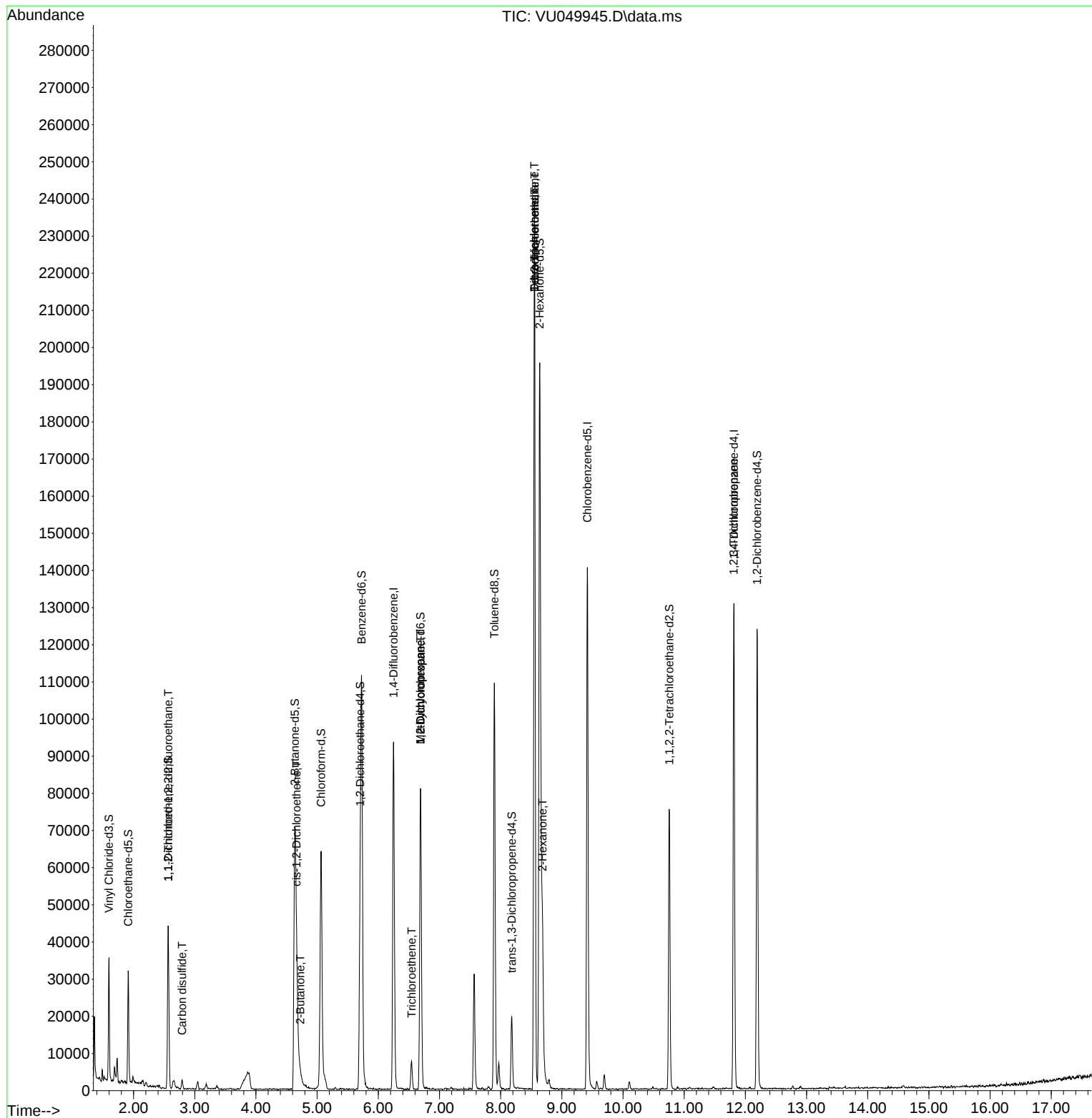
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	72665	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	75560	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	33532	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	18661	3.172	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.400%
7) Chloroethane-d5	1.913	69	19702	4.002	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.565	65	8638	3.290	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.800%
20) 2-Butanone-d5	4.636	46	127527	60.248	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.500%
24) Chloroform-d	5.064	84	57242	4.369	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.703	65	37053	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.729	84	98363	3.820	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.400%
36) 1,2-Dichloropropane-d6	6.691	67	38796	4.361	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.896	98	72406	3.217	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.400%#
43) trans-1,3-Dichloroprop...	8.182	79	11518	3.566	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.400%
46) 2-Hexanone-d5	8.636	63	57576	44.991	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.980%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	38288	5.126	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	31302	4.523	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	214	0.045	ug/L #	21
14) Carbon disulfide	2.794	76	2749	0.185	ug/L	97
21) 2-Butanone	4.726	43	5013	2.322	ug/L #	68
22) cis-1,2-Dichloroethene	4.665	96	4484	0.698	ug/L	97
34) Trichloroethene	6.546	95	2366	0.356	ug/L	96
35) Methylcyclohexane	6.691	83	9041	1.103	ug/L #	15
37) 1,2-Dichloropropane	6.691	63	4158	0.532	ug/L #	89
45) 1,1,2-Trichloroethane	8.555	97	550	0.099	ug/L #	20
47) Tetrachloroethene	8.555	164	48660	10.633	ug/L	98
48) 2-Hexanone	8.684	43	24025	5.906	ug/L #	94
49) Dibromochloromethane	8.552	129	49626	7.961	ug/L #	14
61) 1,2,3-Trichloropropane	11.809	75	4686	1.049	ug/L #	68

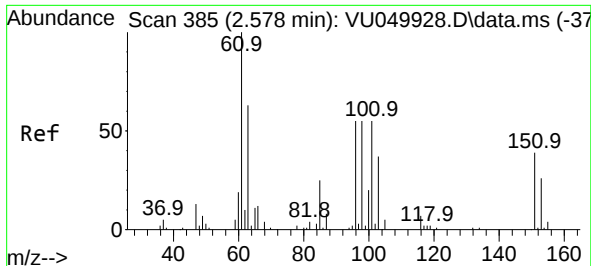
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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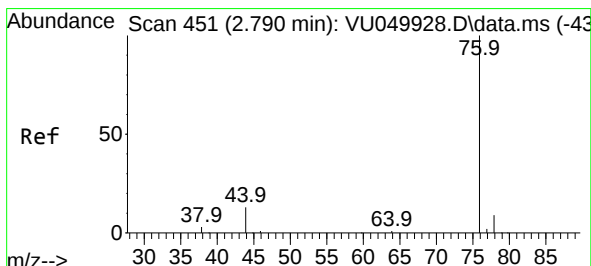
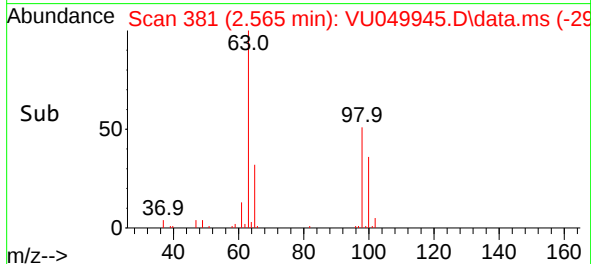
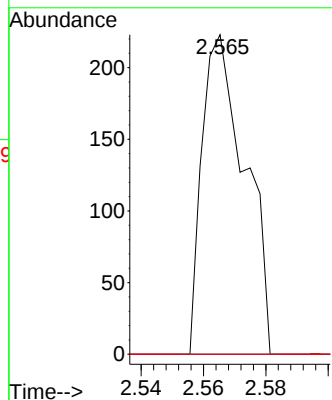
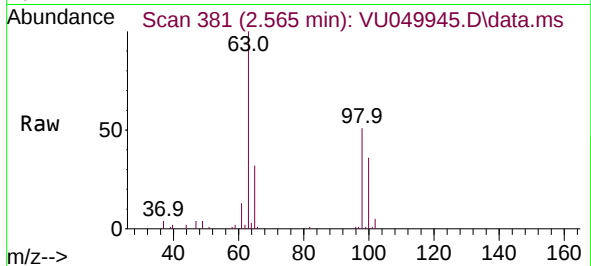




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.045 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU049945.D
Acq: 27 Jul 2022 05:26

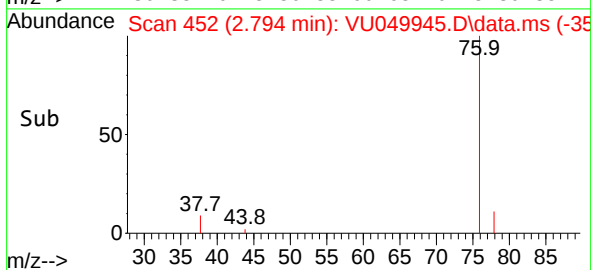
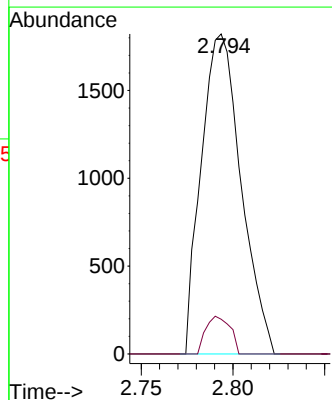
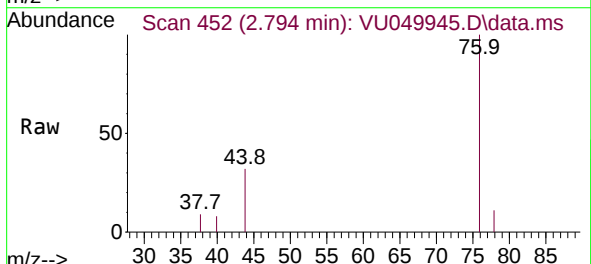
Instrument :
MSVOA_U
ClientSampleId :
DBUJ1

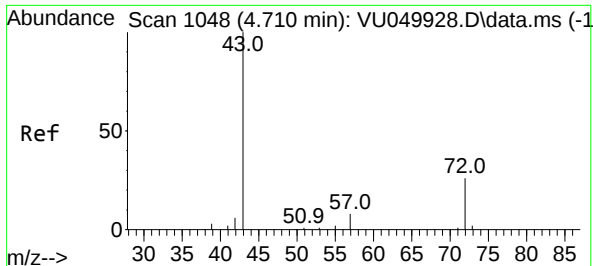
Tgt Ion:101 Resp: 214
Ion Ratio Lower Upper
101 100
85 0.0 37.2 55.8#
151 0.0 56.0 84.0#



#14
Carbon disulfide
Concen: 0.185 ug/L
RT: 2.794 min Scan# 452
Delta R.T. 0.003 min
Lab File: VU049945.D
Acq: 27 Jul 2022 05:26

Tgt Ion: 76 Resp: 2749
Ion Ratio Lower Upper
76 100
78 10.8 7.8 11.6





#21

2-Butanone

Concen: 2.322 ug/L

RT: 4.726 min Scan# 1053

Delta R.T. 0.016 min

Lab File: VU049945.D

Acq: 27 Jul 2022 05:26

Instrument :

MSVOA_U

ClientSampleId :

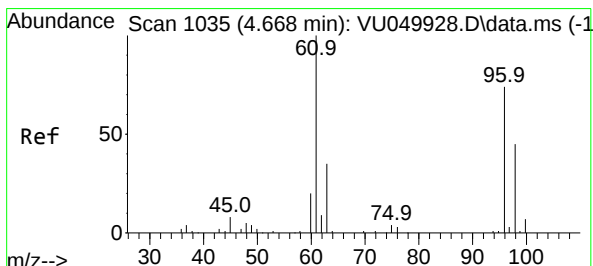
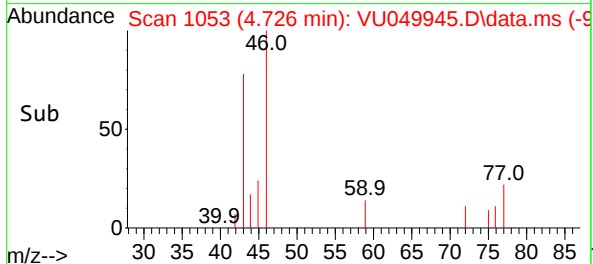
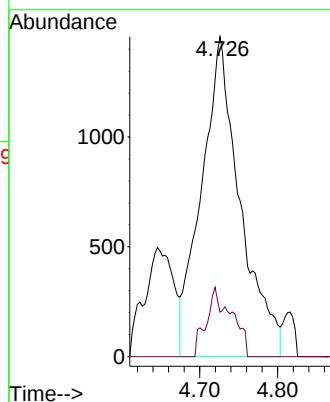
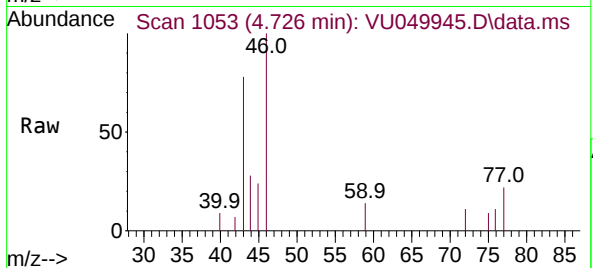
DBUJ1

Tgt Ion: 43 Resp: 5013

Ion Ratio Lower Upper

43 100

72 8.2 11.9 35.5#



#22

cis-1,2-Dichloroethene

Concen: 0.698 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU049945.D

Acq: 27 Jul 2022 05:26

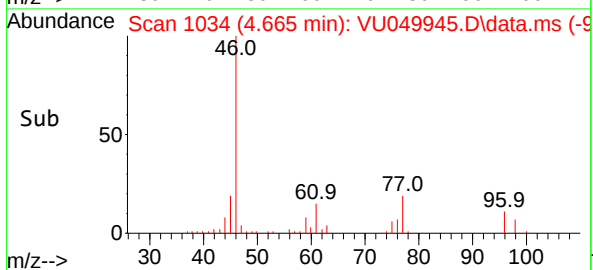
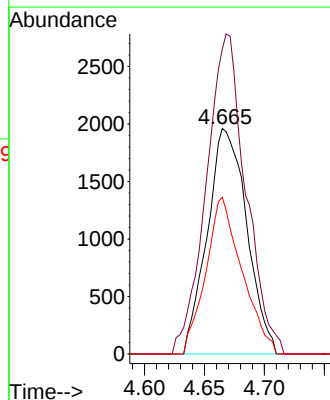
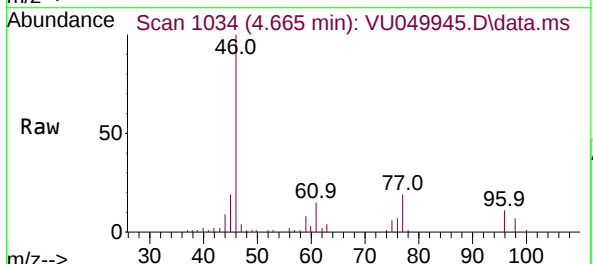
Tgt Ion: 96 Resp: 4484

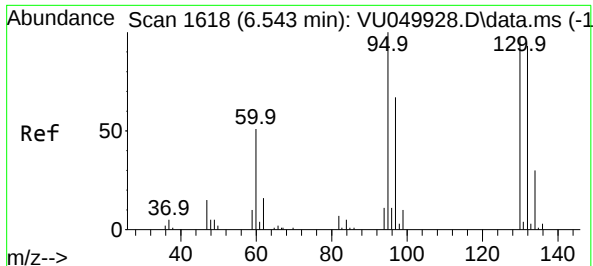
Ion Ratio Lower Upper

96 100

61 135.1 93.9 174.3

98 69.5 43.9 81.5



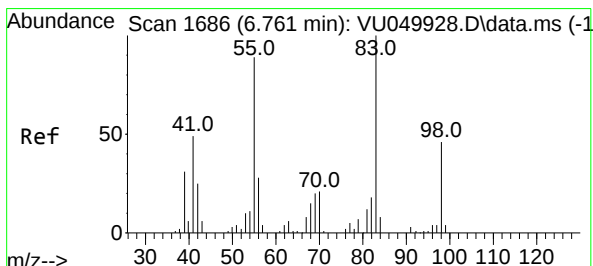
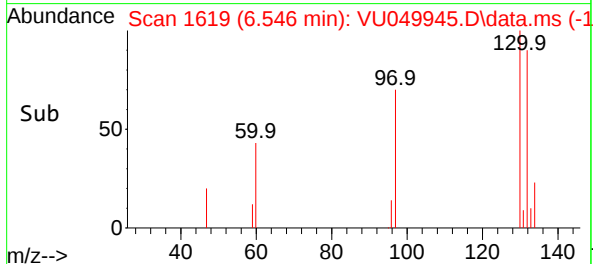
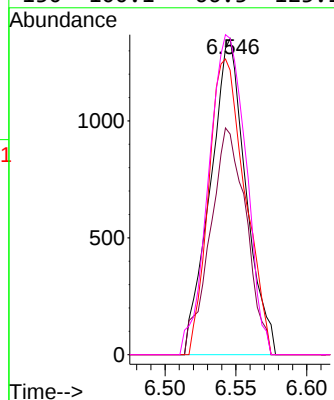
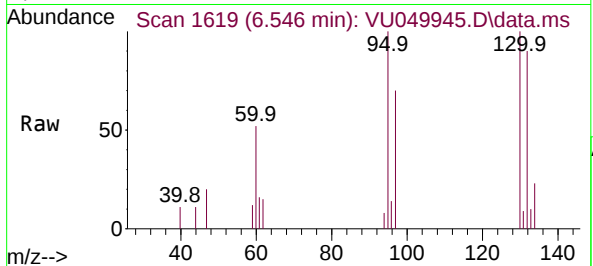


#34
Trichloroethene
Concen: 0.356 ug/L
RT: 6.546 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU049945.D
Acq: 27 Jul 2022 05:26

Instrument :
MSVOA_U
ClientSampleId :
DBUJ1

Tgt Ion: 95 Resp: 2366

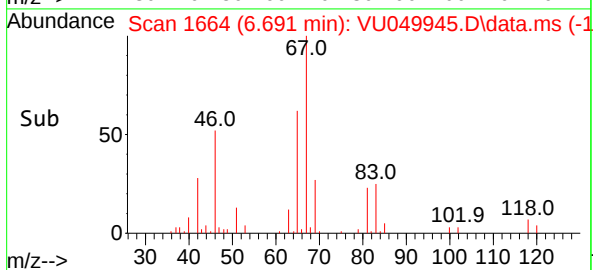
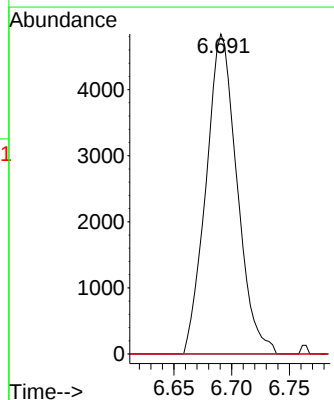
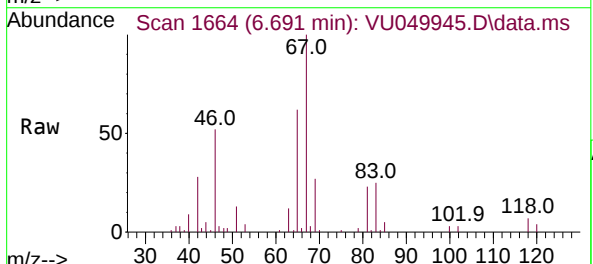
Ion	Ratio	Lower	Upper
95	100		
97	69.9	46.8	86.8
132	90.1	61.8	114.8
130	100.1	66.3	123.1

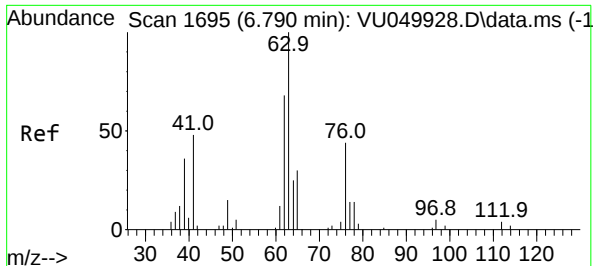


#35
Methylcyclohexane
Concen: 1.103 ug/L
RT: 6.691 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU049945.D
Acq: 27 Jul 2022 05:26

Tgt Ion: 83 Resp: 9041

Ion	Ratio	Lower	Upper
83	100		
55	0.0	69.0	103.4#
98	0.6	36.4	54.6#





#37

1,2-Dichloropropane

Concen: 0.532 ug/L

RT: 6.691 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049945.D

Acq: 27 Jul 2022 05:26

Instrument :

MSVOA_U

ClientSampleId :

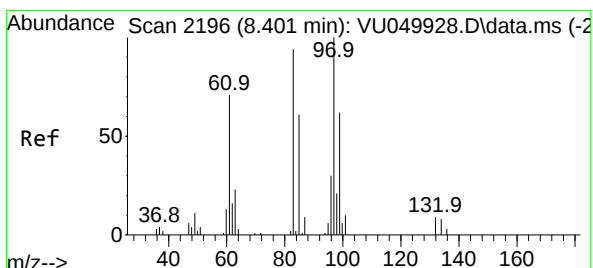
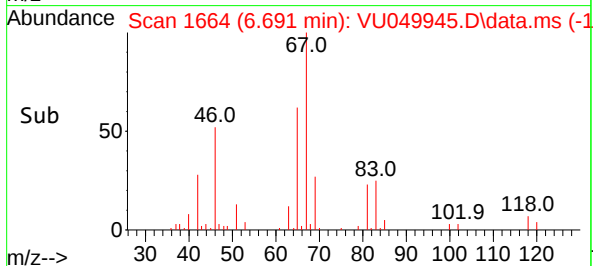
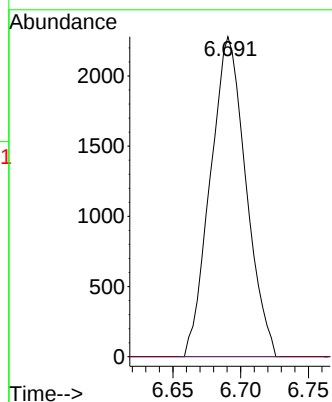
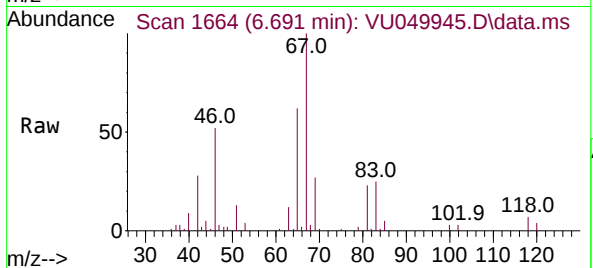
DBUJ1

Tgt Ion: 63 Resp: 4158

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#45

1,1,2-Trichloroethane

Concen: 0.099 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.154 min

Lab File: VU049945.D

Acq: 27 Jul 2022 05:26

Tgt Ion: 97 Resp: 550

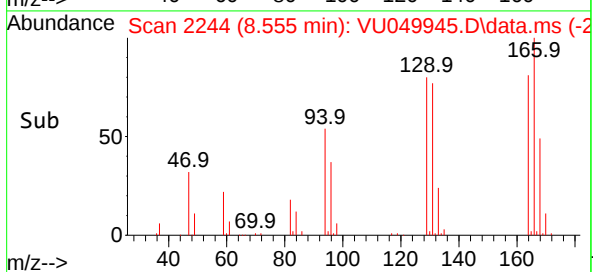
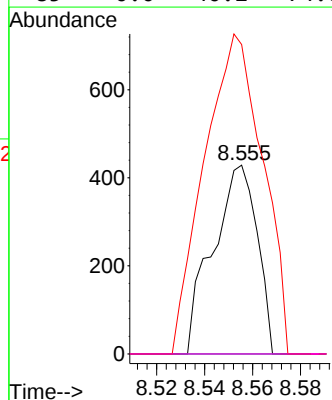
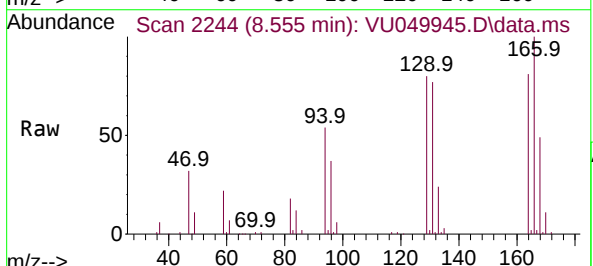
Ion Ratio Lower Upper

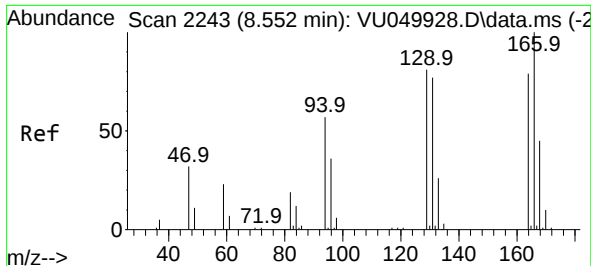
97 100

99 0.0 43.8 81.3#

83 163.9 62.4 115.8#

85 0.0 40.2 74.6#

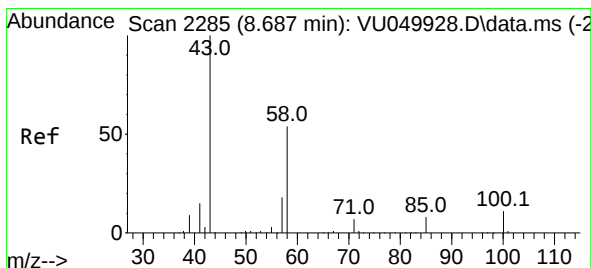
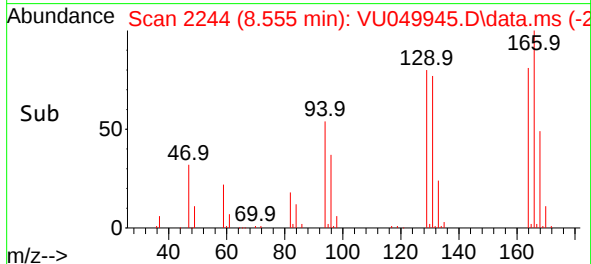
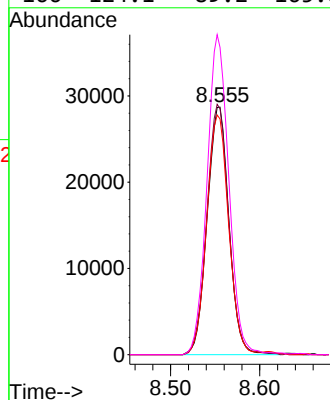
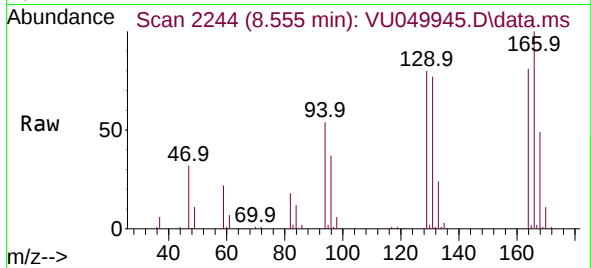




#47
Tetrachloroethene
Concen: 10.633 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049945.D
Acq: 27 Jul 2022 05:26

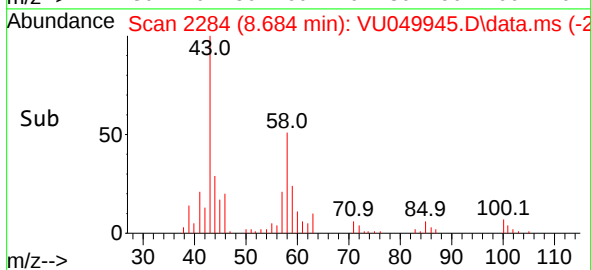
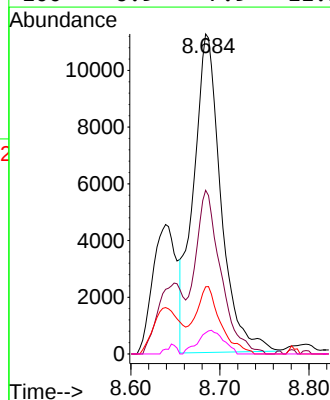
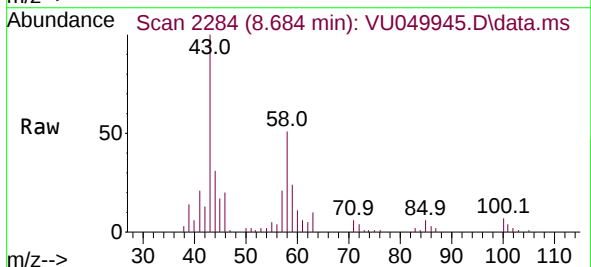
Instrument :
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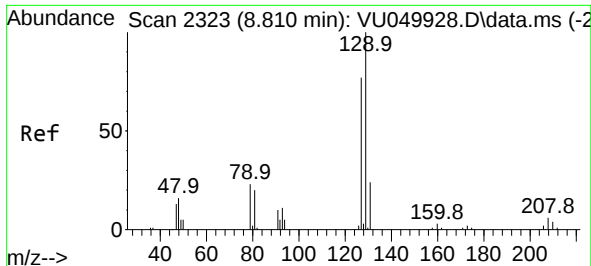
Tgt Ion:164 Resp: 48660
Ion Ratio Lower Upper
164 100
129 99.4 68.9 127.9
131 95.2 67.5 125.4
166 124.1 89.2 165.8



#48
2-Hexanone
Concen: 5.906 ug/L
RT: 8.684 min Scan# 2284
Delta R.T. -0.003 min
Lab File: VU049945.D
Acq: 27 Jul 2022 05:26

Tgt Ion: 43 Resp: 24025
Ion Ratio Lower Upper
43 100
58 48.0 42.1 63.1
57 19.4 14.3 21.5
100 6.9 7.9 11.9#

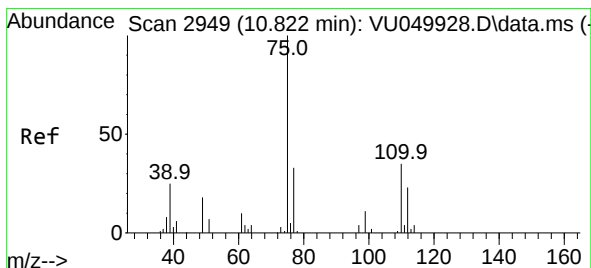
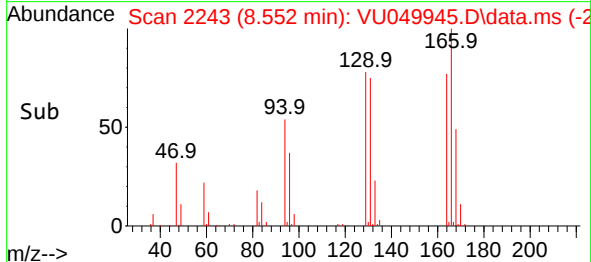
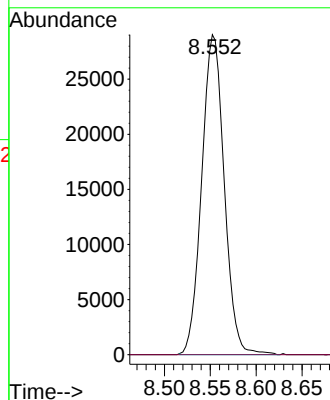
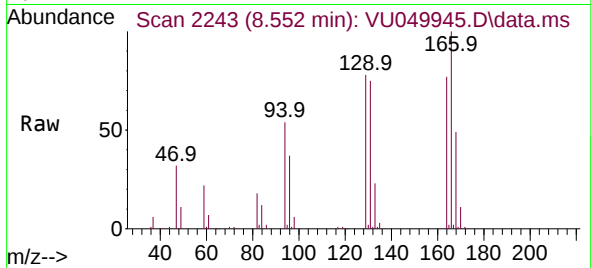




#49
Dibromochloromethane
Concen: 7.961 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU049945.D
Acq: 27 Jul 2022 05:26

Instrument :
MSVOA_U
ClientSampleId :
DBUJ1

Tgt Ion:129 Resp: 49626
Ion Ratio Lower Upper
129 100
127 0.0 50.5 93.7#



#61
1,2,3-Trichloropropane
Concen: 1.049 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU049945.D
Acq: 27 Jul 2022 05:26

Tgt Ion: 75 Resp: 4686
Ion Ratio Lower Upper
75 100
110 1.4 28.0 42.0#
77 29.8 25.4 38.2

