

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120722\
 Data File : VU052197.D
 Acq On : 07 Dec 2022 14:54
 Operator : JC/MD
 Sample : N5930-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ83

Quant Time: Dec 08 02:00:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 01:59:42 2022
 Response via : Initial Calibration

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

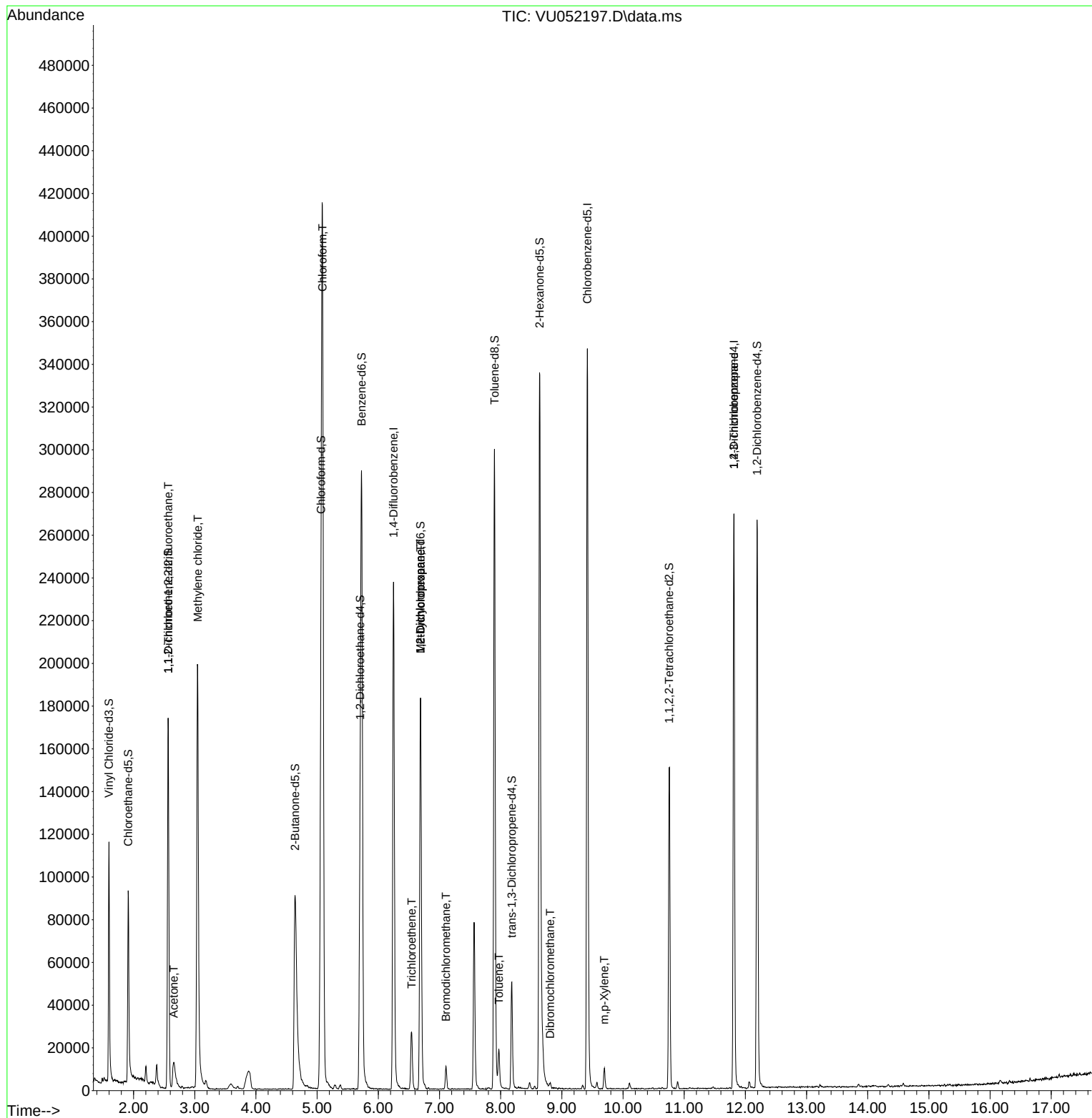
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	204000	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	206221	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	76959	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	88406	4.455	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.200%
7) Chloroethane-d5	1.912	69	75127	4.874	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.565	65	32292	4.540	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	4.639	46	165559	46.029	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.060%
24) Chloroform-d	5.063	84	160368	5.500	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.000%
26) 1,2-Dichloroethane-d4	5.703	65	75835	5.150	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.726	84	289681	4.732	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.690	67	94452	4.985	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.899	98	215986	3.899	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	8.182	79	29505	4.273	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.636	63	118443	40.479	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.960%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	79100	4.815	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	75360	5.115	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1054	0.071	ug/L #	20
13) Acetone	2.658	43	26961	11.039	ug/L	60
16) Methylene chloride	3.047	84	111870	5.588	ug/L	97
25) Chloroform	5.086	83	338079	11.670	ug/L	96
34) Trichloroethene	6.546	95	10212	0.610	ug/L	94
35) Methylcyclohexane	6.690	83	21359	0.887	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	9414	0.542	ug/L #	89
38) Bromodichloromethane	7.105	83	6921	0.327	ug/L	93
42) Toluene	7.970	91	13859	0.201	ug/L	94
49) Dibromochloromethane	8.809	129	1235	0.084	ug/L	97
53) m,p-Xylene	9.693	106	2870	0.110	ug/L	91
61) 1,2,3-Trichloropropane	11.812	75	8931	1.014	ug/L #	65

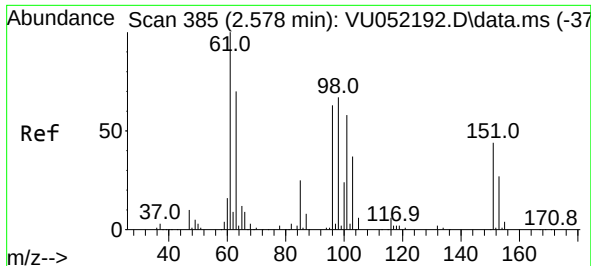
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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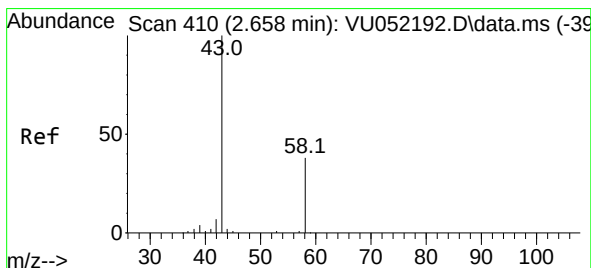
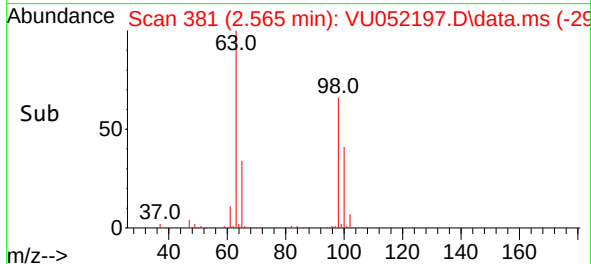
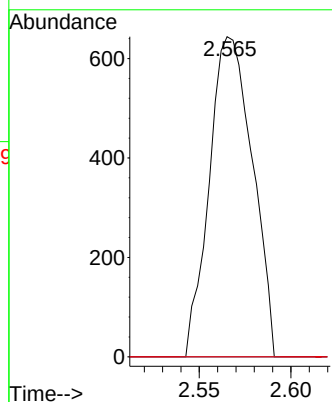
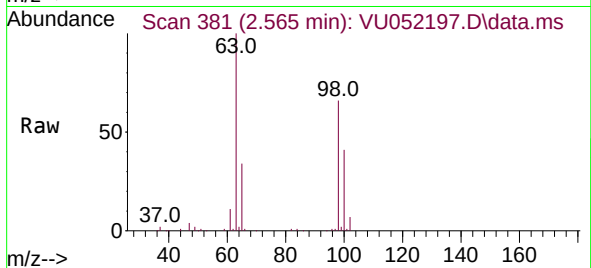




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.071 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU052197.D
Acq: 07 Dec 2022 14:54

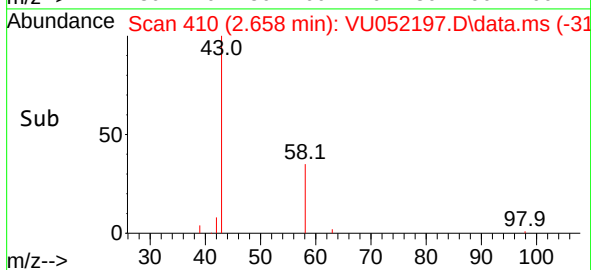
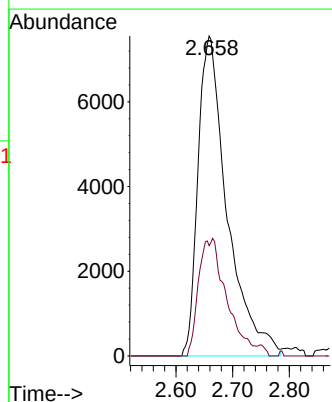
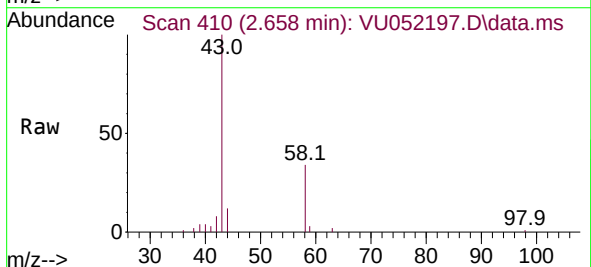
Instrument :
MSVOA_U
ClientSampleId :
EXZ83

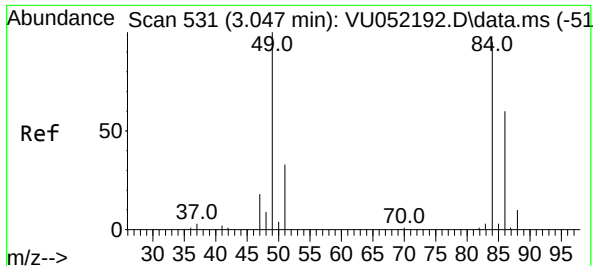
Tgt Ion:101 Resp: 1054
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#



#13
Acetone
Concen: 11.039 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.000 min
Lab File: VU052197.D
Acq: 07 Dec 2022 14:54

Tgt Ion: 43 Resp: 26961
Ion Ratio Lower Upper
43 100
58 14.1 0.0 76.0

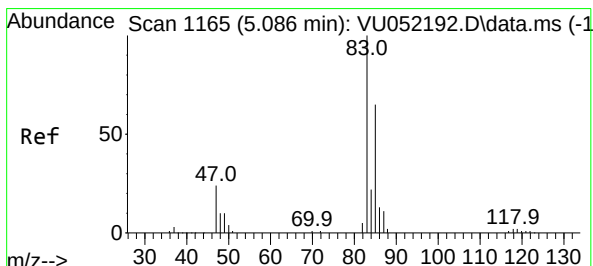
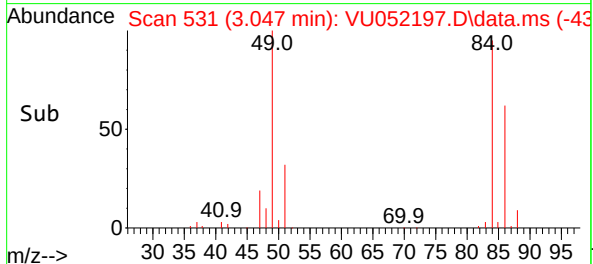
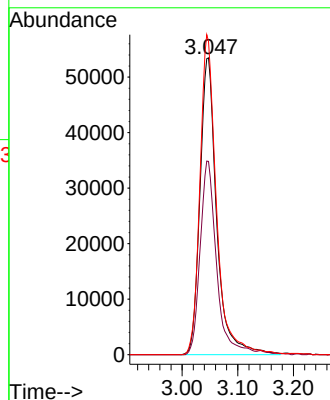
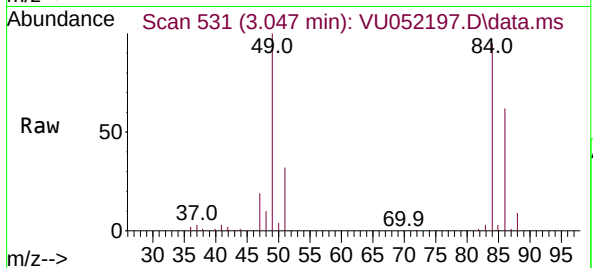




#16
Methylene chloride
Concen: 5.588 ug/L
RT: 3.047 min Scan# 511
Delta R.T. 0.000 min
Lab File: VU052197.D
Acq: 07 Dec 2022 14:54

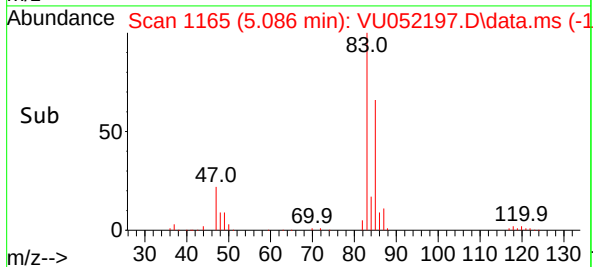
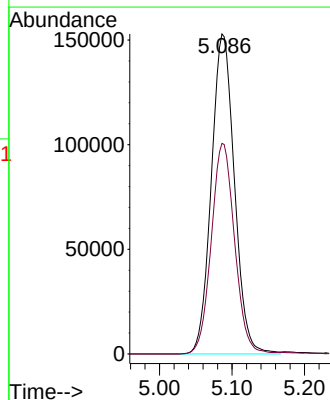
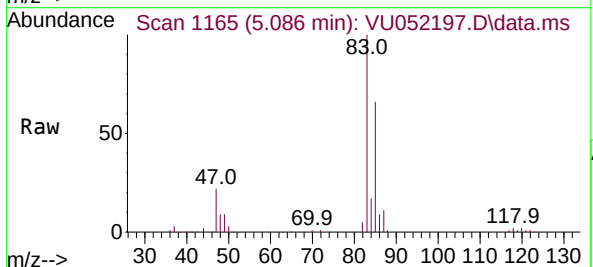
Instrument :
MSVOA_U
ClientSampleId :
EXZ83

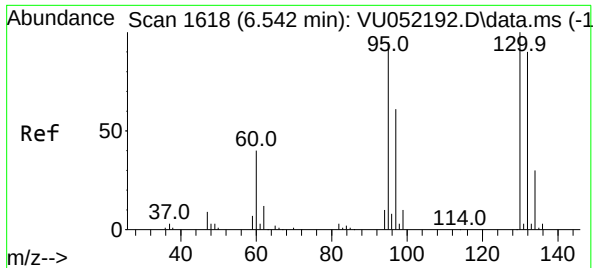
Tgt Ion: 84 Resp: 111870
Ion Ratio Lower Upper
84 100
86 65.1 43.8 81.4
49 105.6 75.9 141.1



#25
Chloroform
Concen: 11.670 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VU052197.D
Acq: 07 Dec 2022 14:54

Tgt Ion: 83 Resp: 338079
Ion Ratio Lower Upper
83 100
85 65.8 43.8 81.4



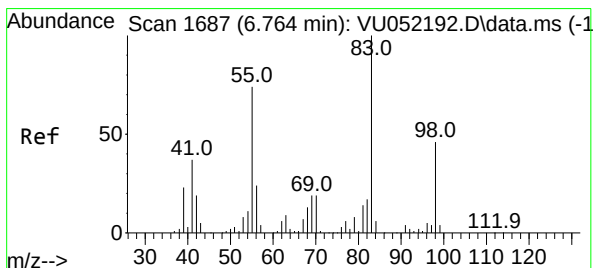
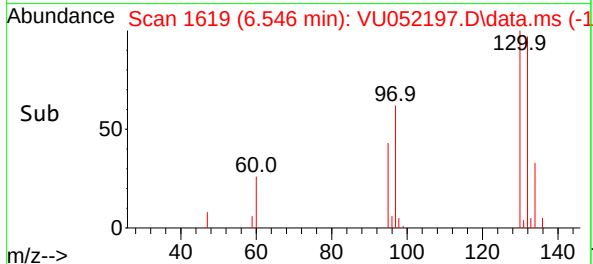
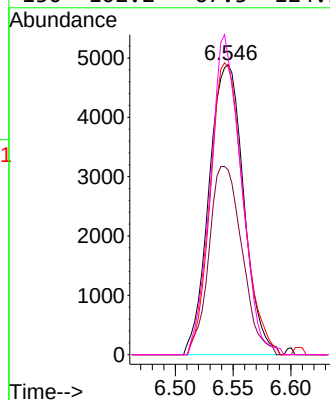
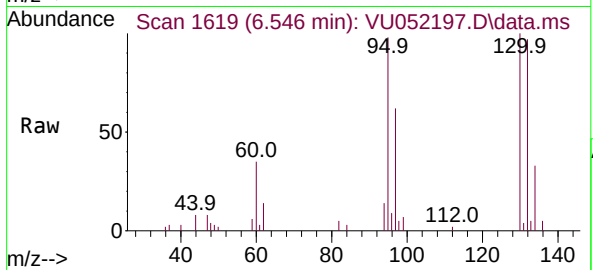


#34
Trichloroethene
Concen: 0.610 ug/L
RT: 6.546 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU052197.D
Acq: 07 Dec 2022 14:54

Instrument :
MSVOA_U
ClientSampleId :
EXZ83

Tgt Ion: 95 Resp: 10212

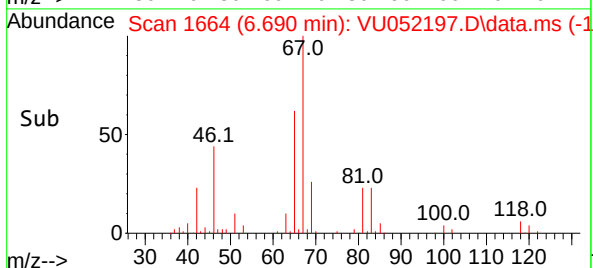
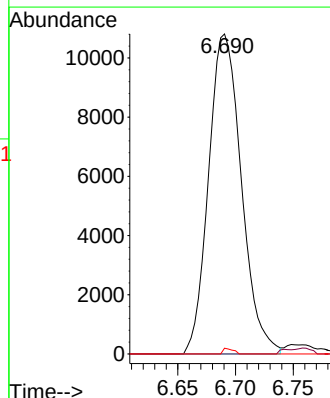
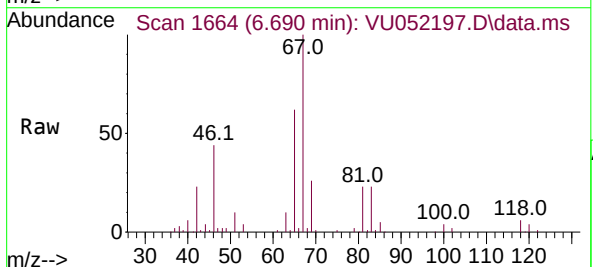
Ion	Ratio	Lower	Upper
95	100		
97	63.7	43.7	81.1
132	99.1	64.3	119.3
130	102.2	67.3	124.9

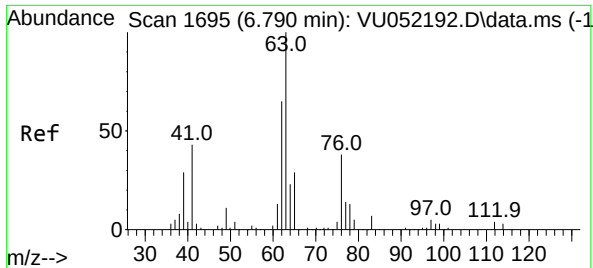


#35
Methylcyclohexane
Concen: 0.887 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU052197.D
Acq: 07 Dec 2022 14:54

Tgt Ion: 83 Resp: 21359

Ion	Ratio	Lower	Upper
83	100		
55	0.5	60.8	91.2#
98	0.5	35.1	52.7#





#37

1,2-Dichloropropane

Concen: 0.542 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU052197.D

Acq: 07 Dec 2022 14:54

Instrument :

MSVOA_U

ClientSampleId :

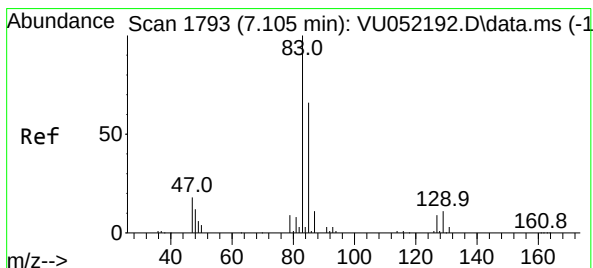
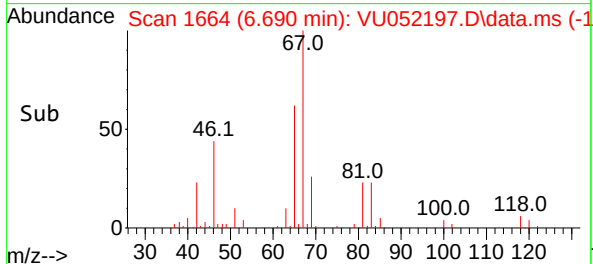
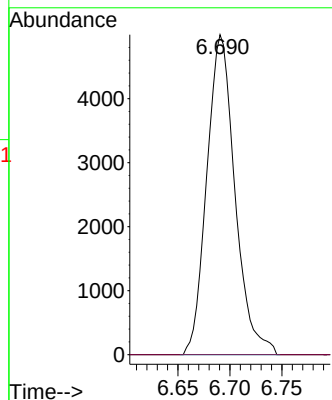
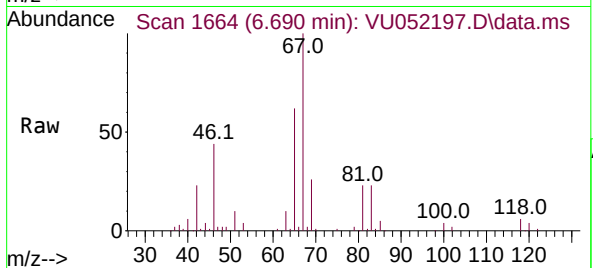
EXZ83

Tgt Ion: 63 Resp: 9414

Ion Ratio Lower Upper

63 100

112 0.4 3.3 4.9#



#38

Bromodichloromethane

Concen: 0.327 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU052197.D

Acq: 07 Dec 2022 14:54

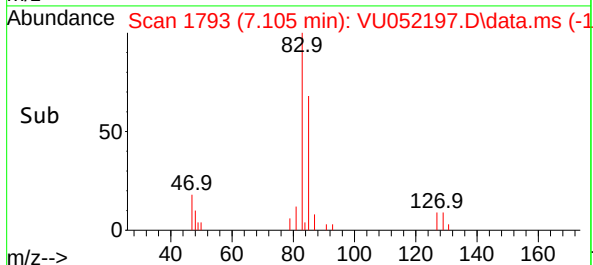
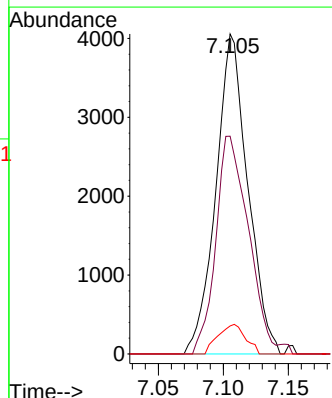
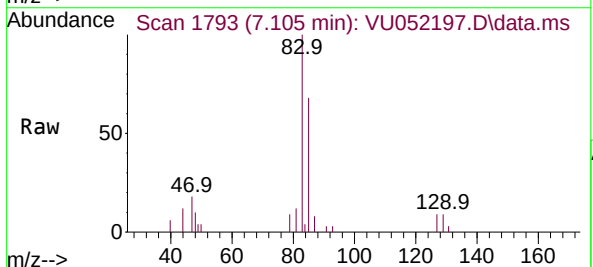
Tgt Ion: 83 Resp: 6921

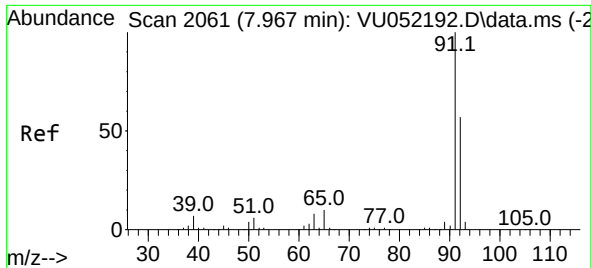
Ion Ratio Lower Upper

83 100

85 68.0 43.5 80.9

127 8.8 6.8 10.2





#42

Toluene

Concen: 0.201 ug/L

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU052197.D

Acq: 07 Dec 2022 14:54

Instrument :

MSVOA_U

ClientSampleId :

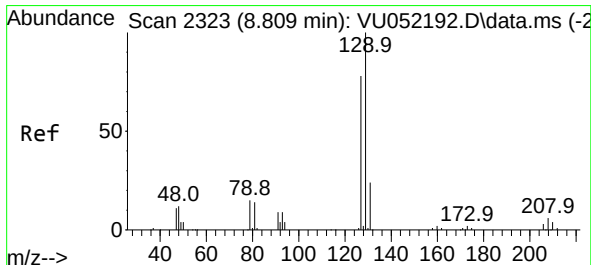
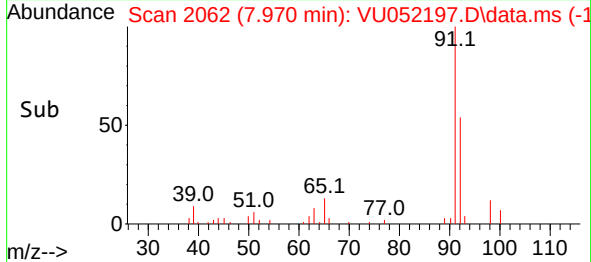
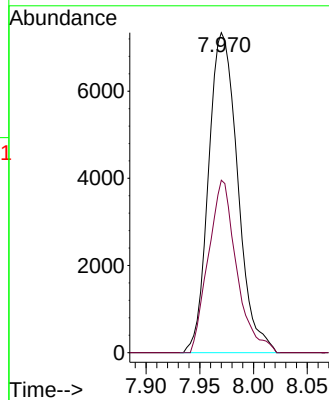
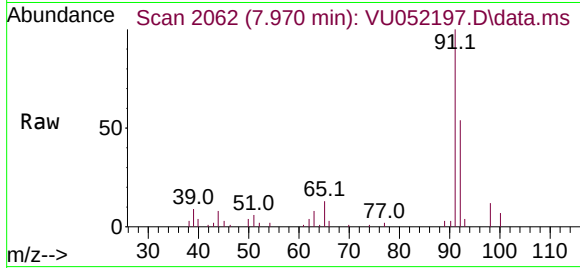
EXZ83

Tgt Ion: 91 Resp: 13859

Ion Ratio Lower Upper

91 100

92 53.9 40.7 75.5



#49

Dibromochloromethane

Concen: 0.084 ug/L

RT: 8.809 min Scan# 2323

Delta R.T. 0.000 min

Lab File: VU052197.D

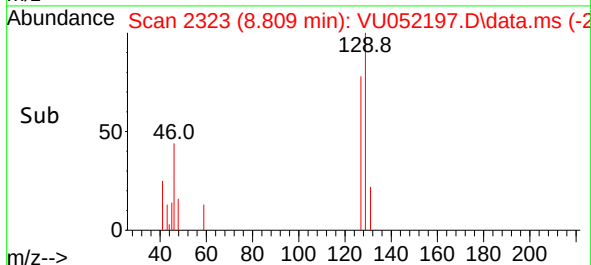
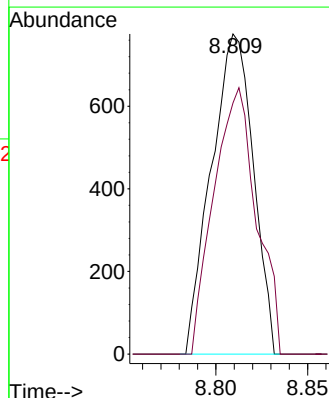
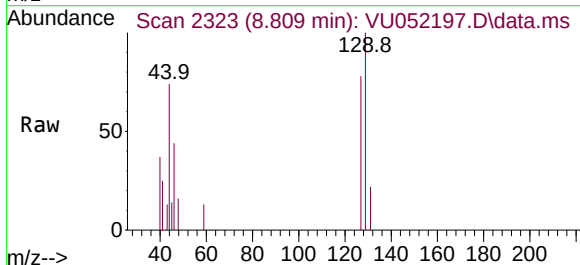
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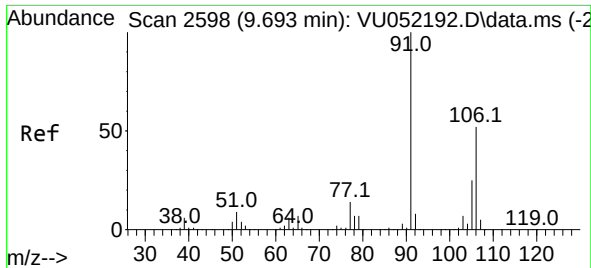
Tgt Ion: 129 Resp: 1235

Ion Ratio Lower Upper

129 100

127 78.5 52.8 98.2

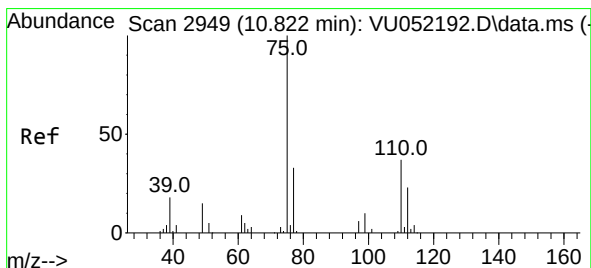
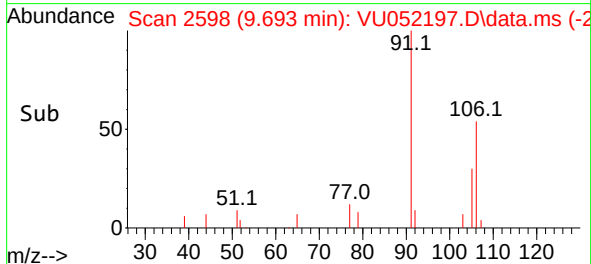
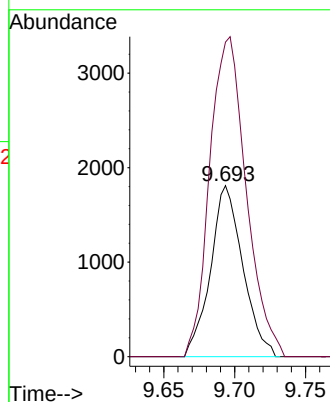
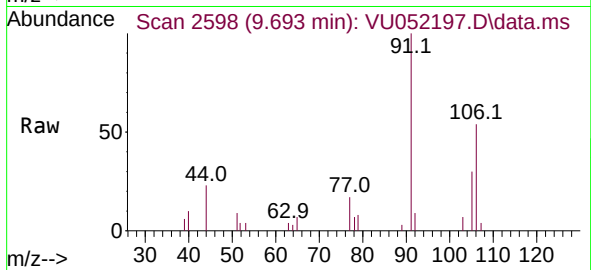




#53
m,p-Xylene
Concen: 0.110 ug/L
RT: 9.693 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052197.D
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Tgt Ion:106 Resp: 2870
Ion Ratio Lower Upper
106 100
91 183.9 137.7 255.7



#61
1,2,3-Trichloropropane
Concen: 1.014 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU052197.D
Acq: 07 Dec 2022 14:54

Tgt Ion: 75 Resp: 8931
Ion Ratio Lower Upper
75 100
110 1.2 28.3 42.5#
77 27.2 26.2 39.2

