

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
 Data File : VU045951.D
 Acq On : 23 Nov 2021 13:20
 Operator : SY/MD
 Sample : M4755-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 24 00:31:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 24 00:27:16 2021
 Response via : Initial Calibration

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

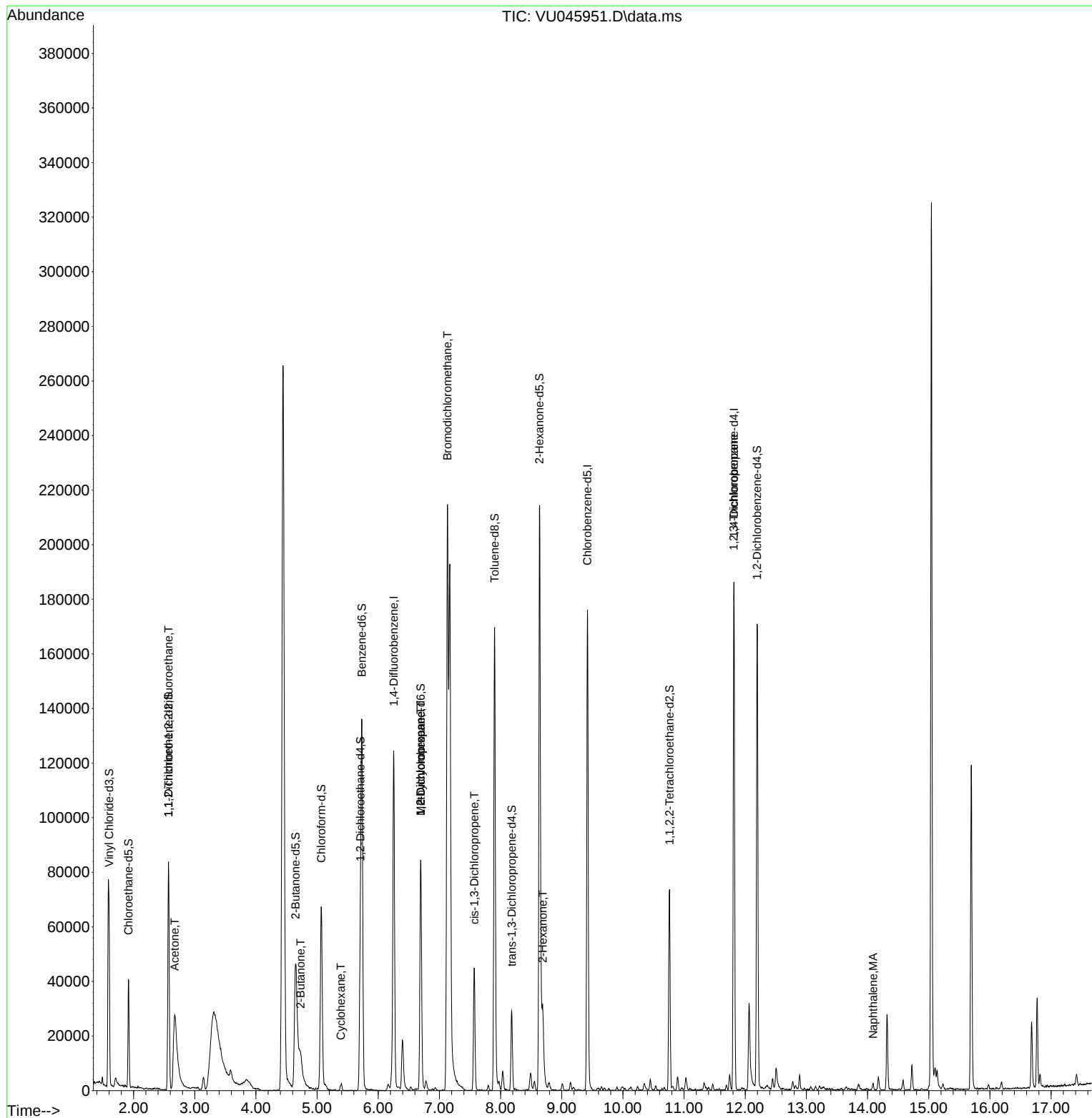
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	101013	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	100372	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	49921	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	38049	4.754	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.000%
7) Chloroethane-d5	1.916	69	28779	4.940	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	2.571	65	15626	4.655	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	4.649	46	109028	50.835	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.680%
24) Chloroform-d	5.070	84	62363	4.677	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.706	65	36133	4.619	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.732	84	128706	4.656	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.694	67	39953	4.586	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.902	98	116402	4.655	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	8.182	79	15979	4.518	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.636	63	82566	51.872	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.740%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	36591	4.972	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	43018	5.019	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	356	0.054	ug/L #	21
13) Acetone	2.671	43	81391	64.476	ug/L	99
21) 2-Butanone	4.729	43	17737	8.351	ug/L	89
30) Cyclohexane	5.391	56	1408	0.130	ug/L #	87
35) Methylcyclohexane	6.694	83	9578	0.864	ug/L #	19
37) 1,2-Dichloropropane	6.694	63	4554	0.618	ug/L #	88
38) Bromodichloromethane	7.131	83	3034	0.334	ug/L #	1
39) cis-1,3-Dichloropropene	7.571	75	1067	0.102	ug/L	93
48) 2-Hexanone	8.690	43	15292	4.378	ug/L #	95
61) 1,2,3-Trichloropropane	11.812	75	6154	1.188	ug/L #	67
71) Naphthalene	14.092	128	2489	0.140	ug/L #	94

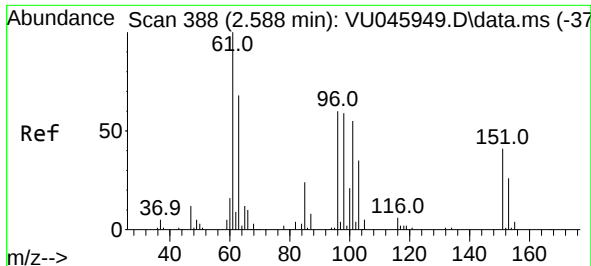
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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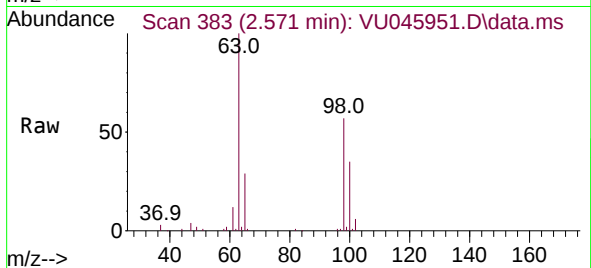
Quant Time: Nov 24 00:31:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration



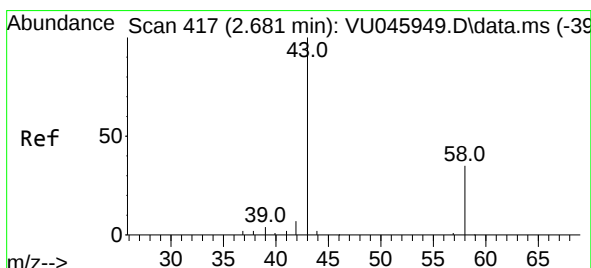
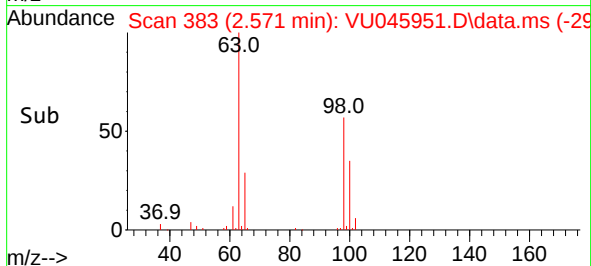
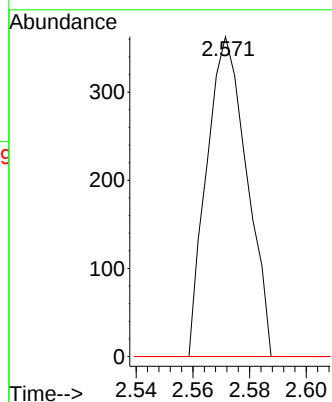


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.054 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU045951.D
 Acq: 23 Nov 2021 13:20

Instrument :
 MSVOA_U
 ClientSampleId :

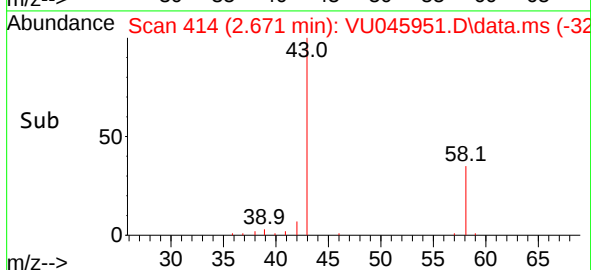
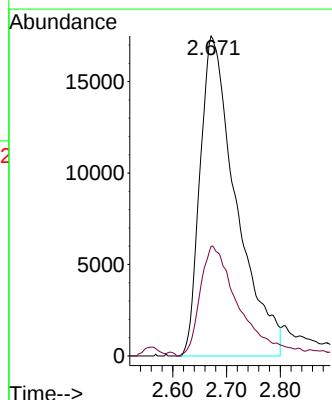
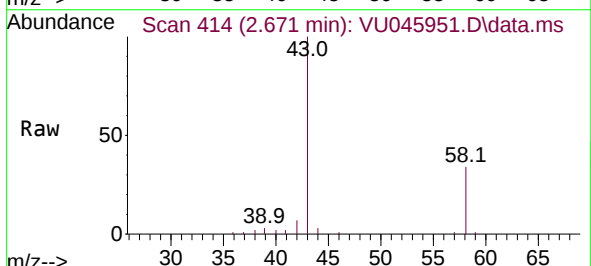


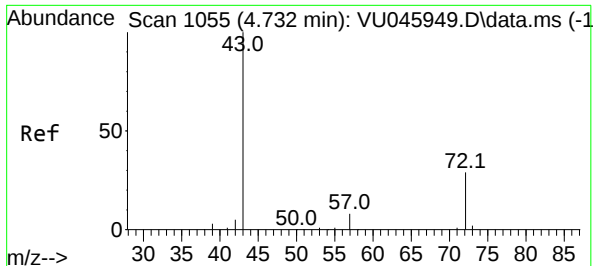
Tgt Ion:101 Resp: 356
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



#13
 Acetone
 Concen: 64.476 ug/L
 RT: 2.671 min Scan# 414
 Delta R.T. -0.010 min
 Lab File: VU045951.D
 Acq: 23 Nov 2021 13:20

Tgt Ion: 43 Resp: 81391
 Ion Ratio Lower Upper
 43 100
 58 36.6 0.0 71.6

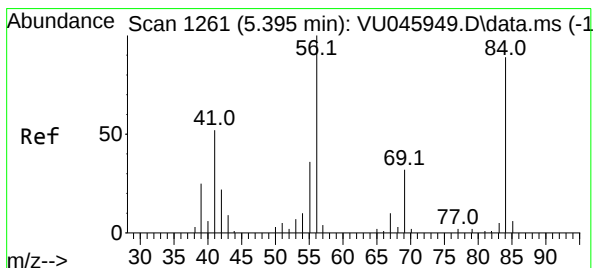
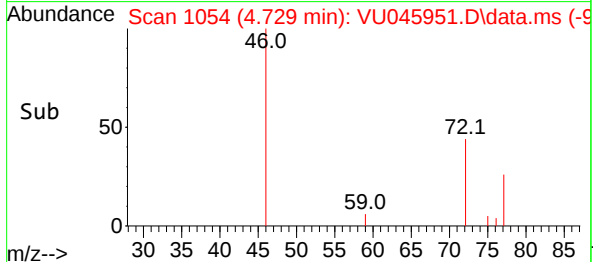
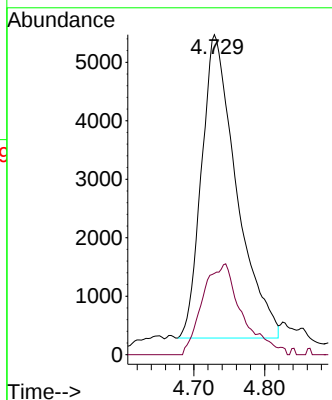
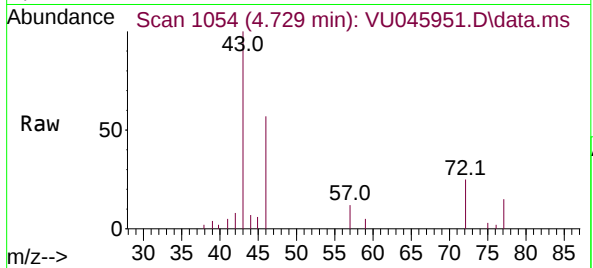




#21
2-Butanone
Concen: 8.351 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. -0.003 min
Lab File: VU045951.D
Acq: 23 Nov 2021 13:20

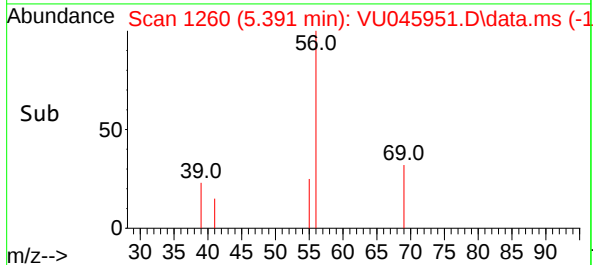
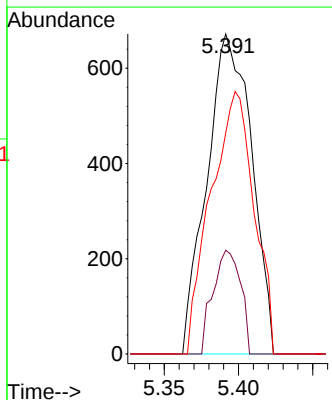
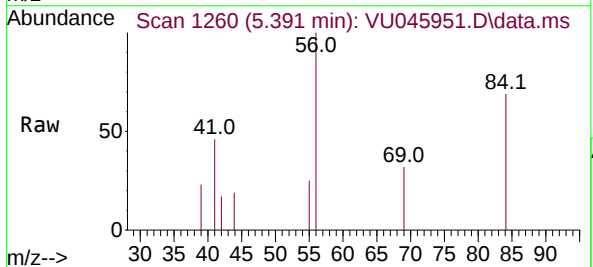
Instrument :
MSVOA_U
ClientSampleId :

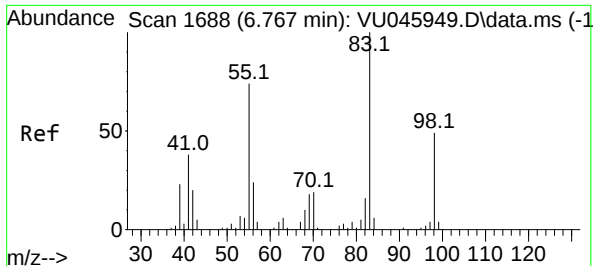
Tgt Ion: 43 Resp: 17737
Ion Ratio Lower Upper
43 100
72 33.8 14.1 42.3



#30
Cyclohexane
Concen: 0.130 ug/L
RT: 5.391 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VU045951.D
Acq: 23 Nov 2021 13:20

Tgt Ion: 56 Resp: 1408
Ion Ratio Lower Upper
56 100
69 19.9 24.7 37.1#
84 79.2 71.8 107.6

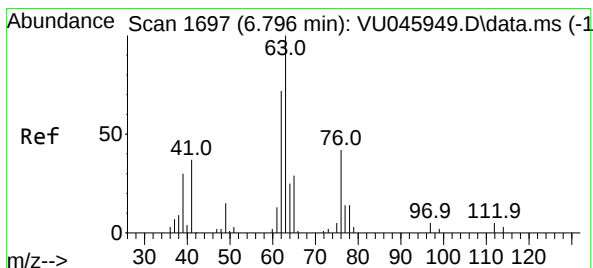
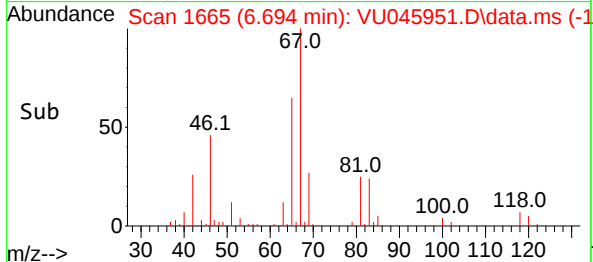
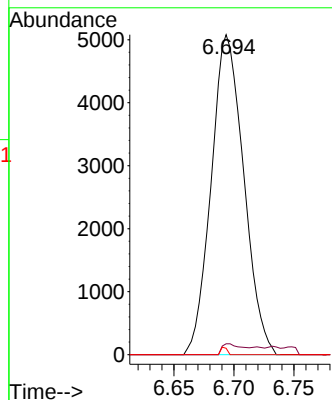
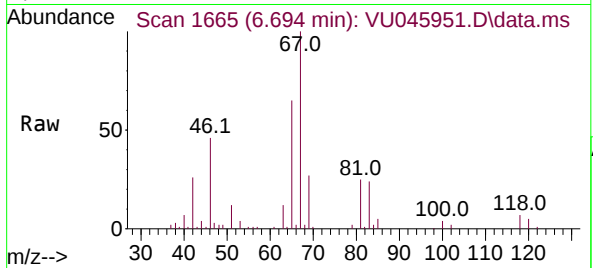




#35
Methylcyclohexane
Concen: 0.864 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045951.D
Acq: 23 Nov 2021 13:20

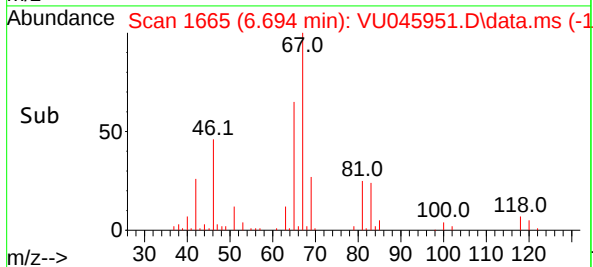
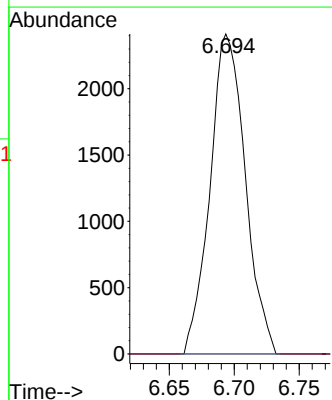
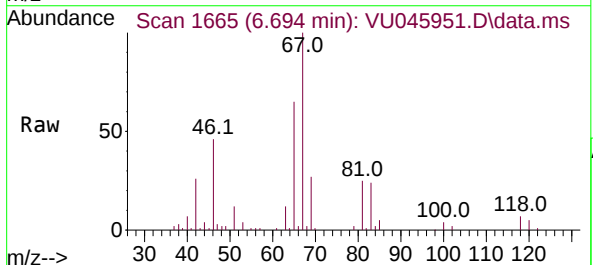
Instrument :
MSVOA_U
ClientSampleId :

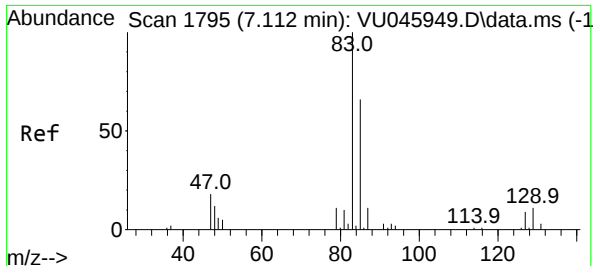
Tgt Ion: 83 Resp: 9578
Ion Ratio Lower Upper
83 100
55 2.2 61.9 92.9#
98 0.4 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.618 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045951.D
Acq: 23 Nov 2021 13:20

Tgt Ion: 63 Resp: 4554
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

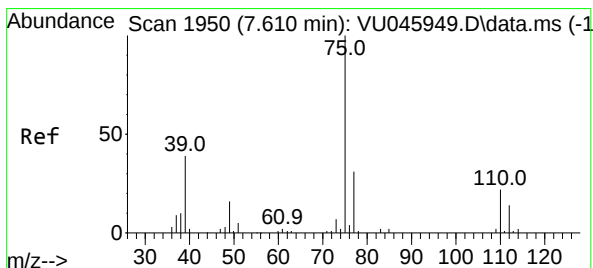
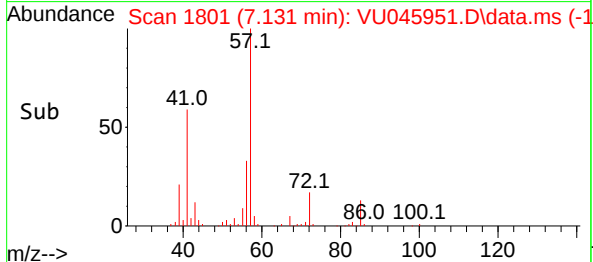
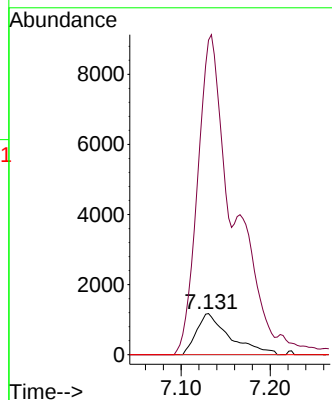
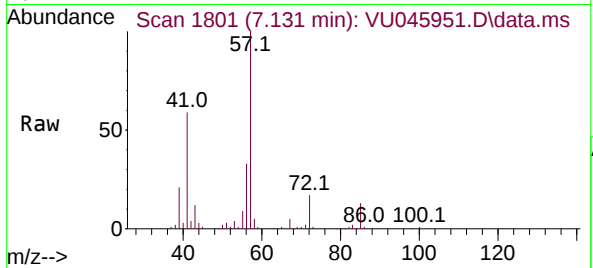




#38
Bromodichloromethane
Concen: 0.334 ug/L
RT: 7.131 min Scan# 11
Delta R.T. 0.019 min
Lab File: VU045951.D
Acq: 23 Nov 2021 13:20

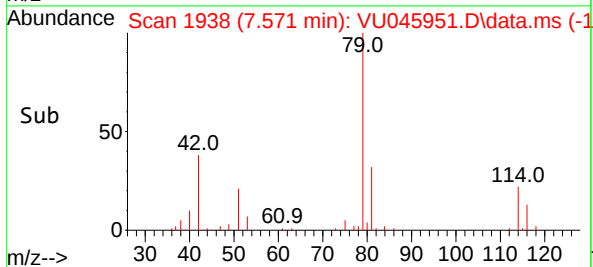
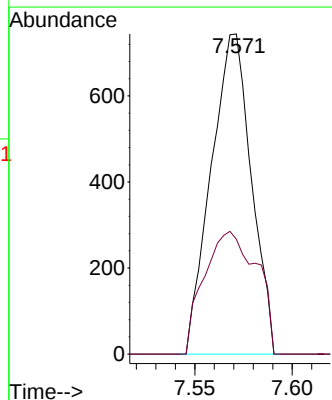
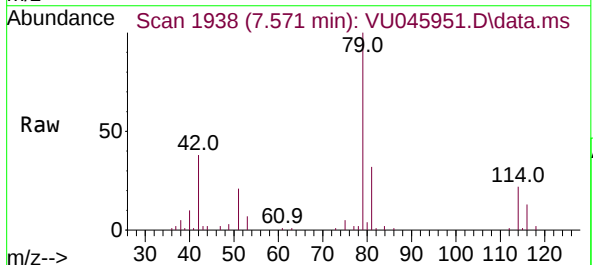
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ClientSampleId :

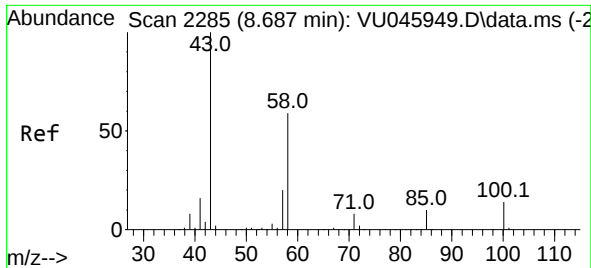
Tgt Ion: 83 Resp: 3034
Ion Ratio Lower Upper
83 100
85 764.8 44.0 81.8#
127 0.0 6.3 9.5#



#39
cis-1,3-Dichloropropene
Concen: 0.102 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.039 min
Lab File: VU045951.D
Acq: 23 Nov 2021 13:20

Tgt Ion: 75 Resp: 1067
Ion Ratio Lower Upper
75 100
77 35.9 22.5 41.9

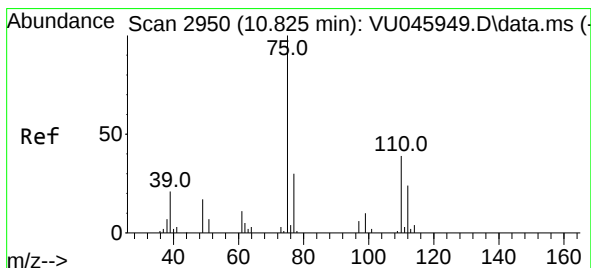
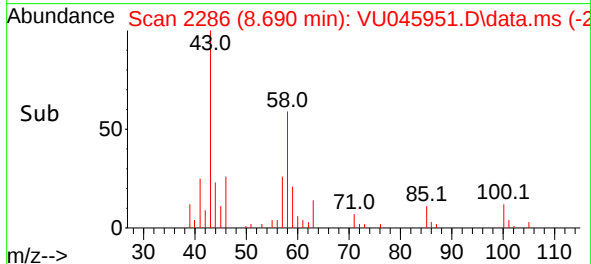
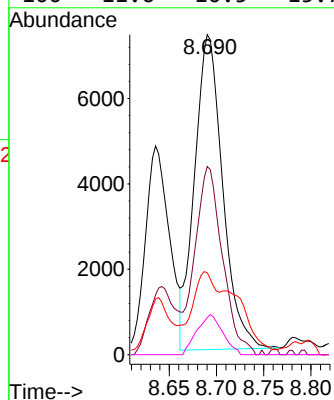
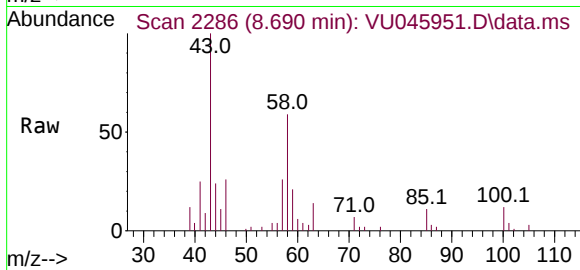




#48
2-Hexanone
Concen: 4.378 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045951.D
Acq: 23 Nov 2021 13:20

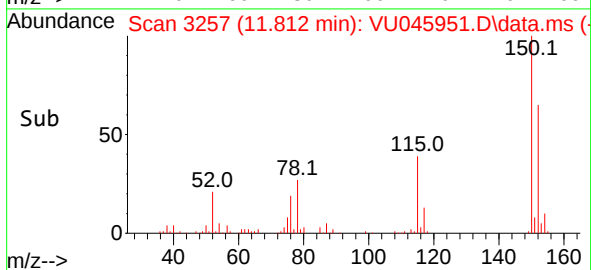
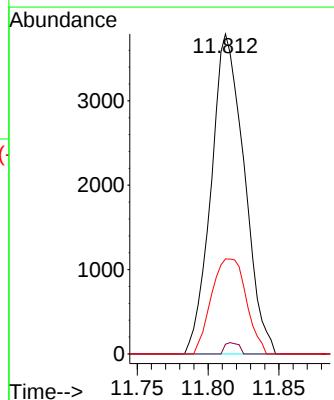
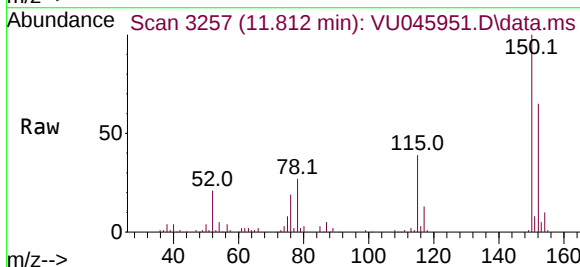
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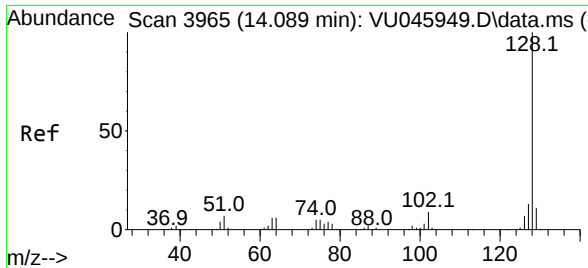
Tgt Ion: 43	Resp: 15292
Ion Ratio	Lower Upper
43 100	
58 57.6	46.7 70.1
57 12.1	16.3 24.5#
100 11.6	10.5 15.7



#61
1,2,3-Trichloropropane
Concen: 1.188 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU045951.D
Acq: 23 Nov 2021 13:20

Tgt Ion: 75	Resp: 6154
Ion Ratio	Lower Upper
75 100	
110 1.5	29.9 44.9#
77 31.2	25.5 38.3





#71

Naphthalene

Concen: 0.140 ug/L

RT: 14.092 min Scan# 3966

Delta R.T. 0.003 min

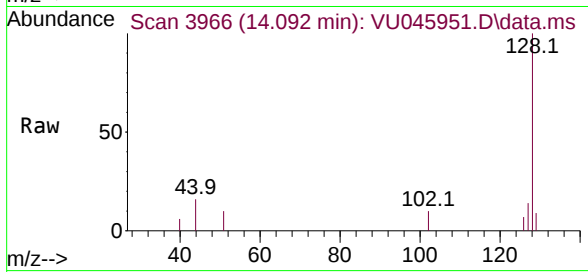
Lab File: VU045951.D

Acq: 23 Nov 2021 13:20

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	128	Resp:	2489
Ion	Ratio	Lower	Upper
128	100		
129	6.9	8.4	12.6#
127	11.7	10.2	15.2

