

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
 Data File : VU045962.D
 Acq On : 23 Nov 2021 17:43
 Operator : SY/MD
 Sample : M4722-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 24 00:33:20 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)

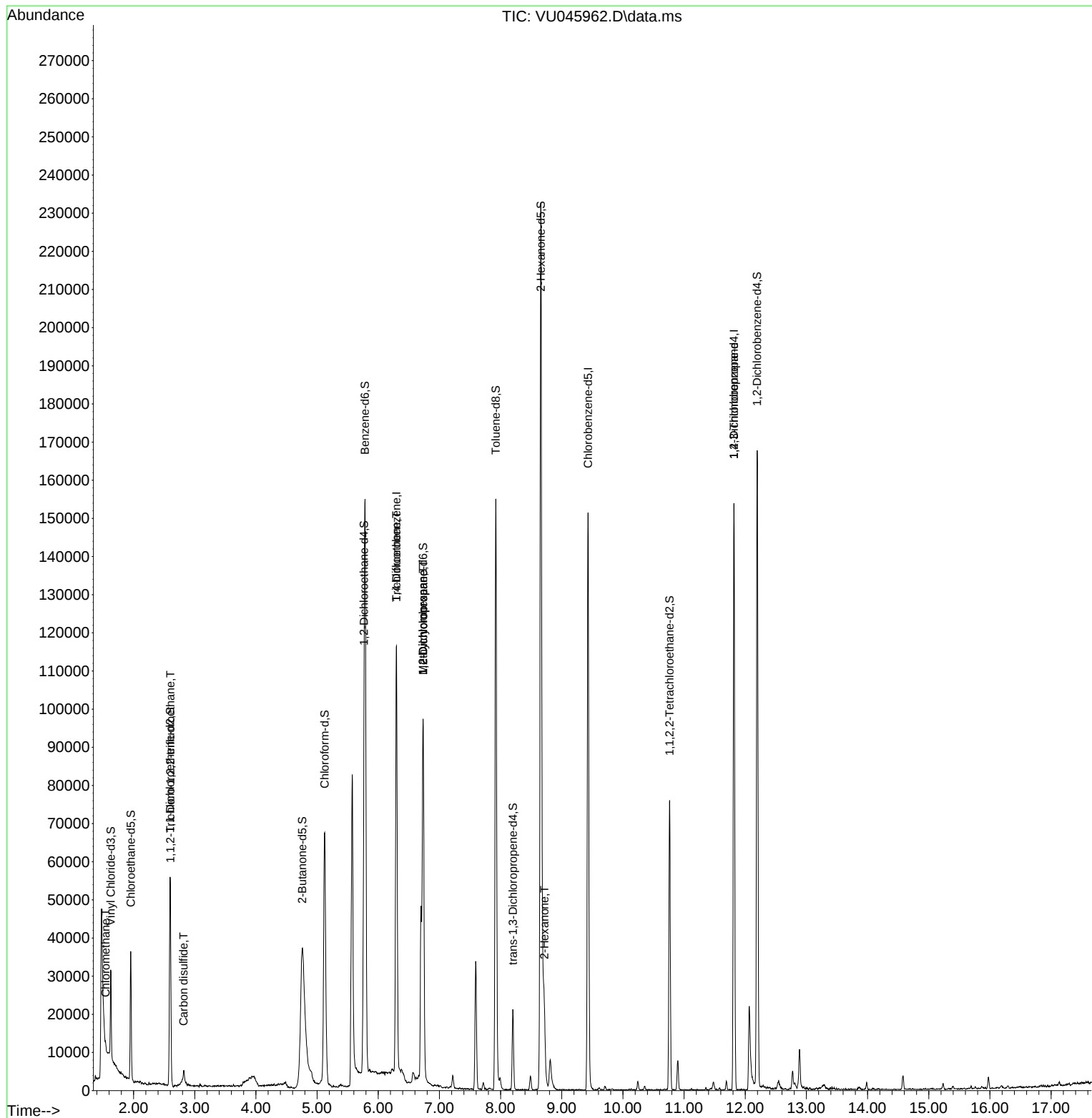
Internal Standards						
1) 1,4-Difluorobenzene	6.298	114	88627	5.000	ug/L	0.04
28) Chlorobenzene-d5	9.430	117	86510	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	39862	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.626	65	16297	2.321	ug/L	0.03
Spiked Amount	5.000	Range	40 - 130	Recovery	=	46.400%
7) Chloroethane-d5	1.954	69	23488	4.595	ug/L	0.04
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.597	65	10614	3.604	ug/L	0.03
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.000%
20) 2-Butanone-d5	4.758	46	126351	67.146	ug/L	0.11
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.300%#
24) Chloroform-d	5.124	84	62456	5.339	ug/L	0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.800%
26) 1,2-Dichloroethane-d4	5.767	65	37654	5.486	ug/L	0.06
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	5.784	84	129907	5.453	ug/L	0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.000%
36) 1,2-Dichloropropane-d6	6.732	67	42832	5.705	ug/L	0.04
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.000%
41) Toluene-d8	7.922	98	107584	4.992	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
43) trans-1,3-Dichloroprop...	8.201	79	12148	3.986	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.658	63	89846	65.490	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.980%#
56) 1,1,2,2-Tetrachloroeth...	10.764	84	37740	5.950	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	42214	6.168	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	123.400%#
Target Compounds						Qvalue
3) Chloromethane	1.543	50	932	0.122	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.604	101	250	0.043	ug/L #	21
14) Carbon disulfide	2.819	76	3802	0.219	ug/L	95
34) Trichloroethene	6.298	95	2542	0.409	ug/L #	6
35) Methylcyclohexane	6.732	83	10200	1.068	ug/L #	20
37) 1,2-Dichloropropane	6.732	63	4575	0.720	ug/L #	88
48) 2-Hexanone	8.716	43	13167	4.374	ug/L #	95
61) 1,2,3-Trichloropropane	11.815	75	5216	1.260	ug/L #	64

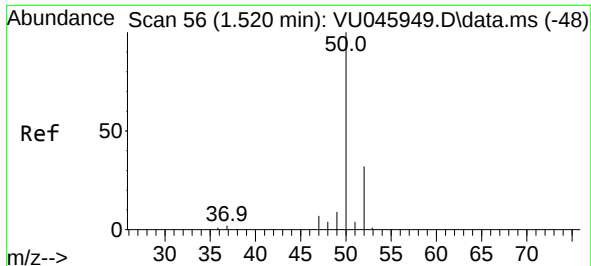
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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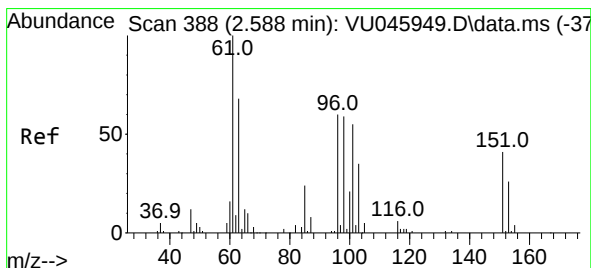
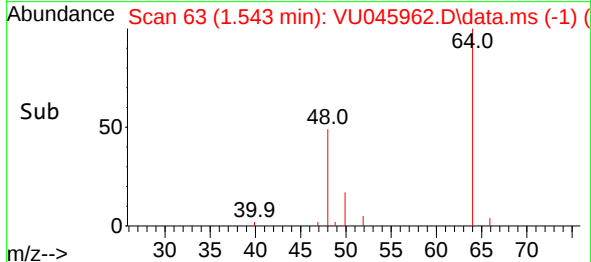
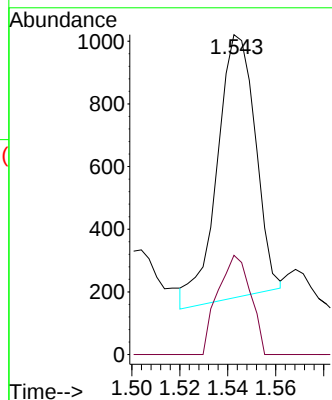
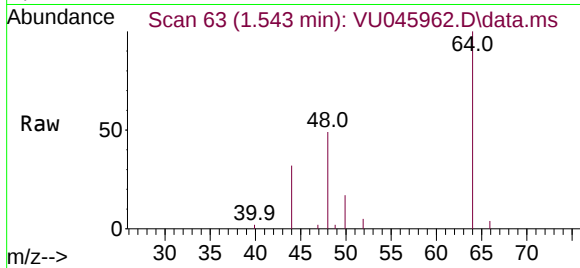




#3
Chloromethane
Concen: 0.122 ug/L
RT: 1.543 min Scan# 61
Delta R.T. 0.022 min
Lab File: VU045962.D
Acq: 23 Nov 2021 17:43

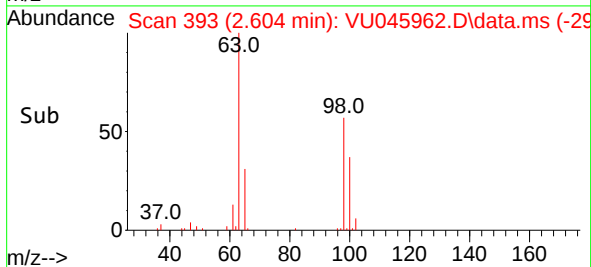
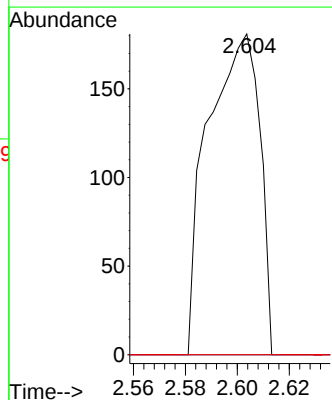
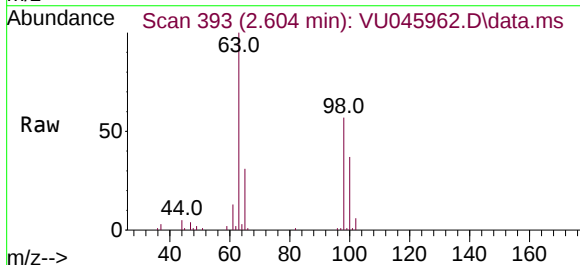
Instrument :
MSVOA_U
ClientSampleId :

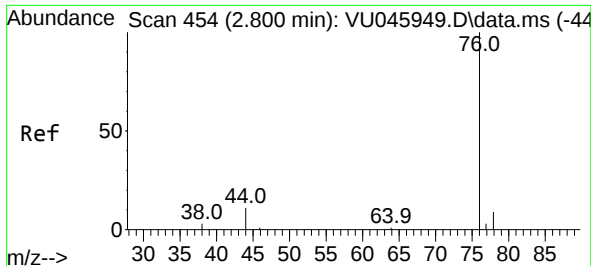
Tgt Ion: 50 Resp: 932
Ion Ratio Lower Upper
50 100
52 31.0 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.043 ug/L
RT: 2.604 min Scan# 393
Delta R.T. 0.016 min
Lab File: VU045962.D
Acq: 23 Nov 2021 17:43

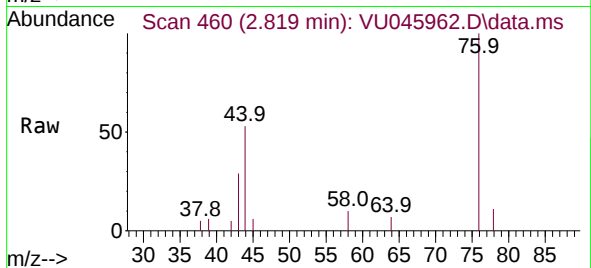
Tgt Ion: 101 Resp: 250
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



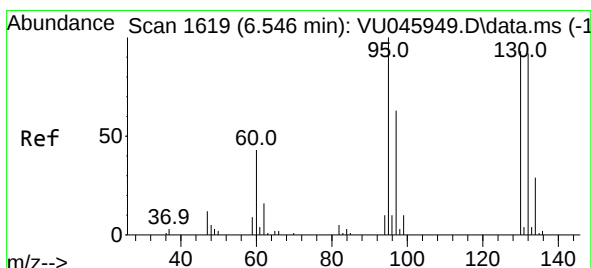
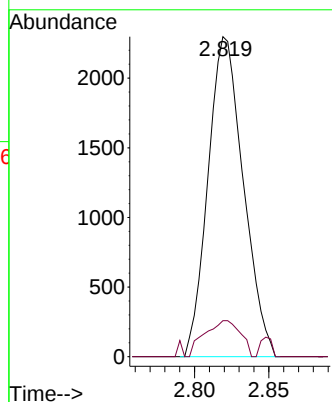
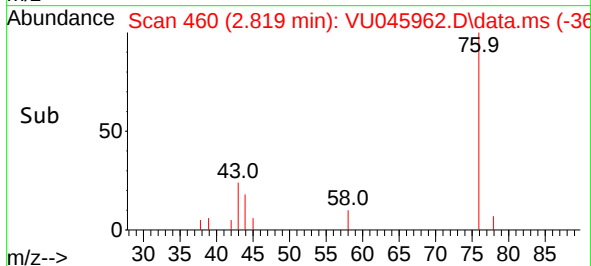


#14
Carbon disulfide
Concen: 0.219 ug/L
RT: 2.819 min Scan# 41
Delta R.T. 0.019 min
Lab File: VU045962.D
Acq: 23 Nov 2021 17:43

Instrument :
MSVOA_U
ClientSampleId :

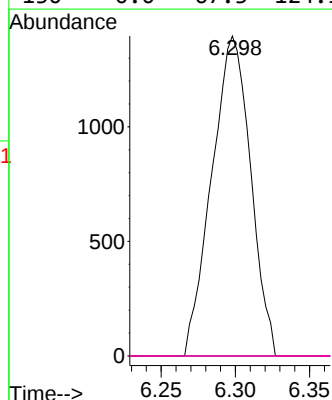
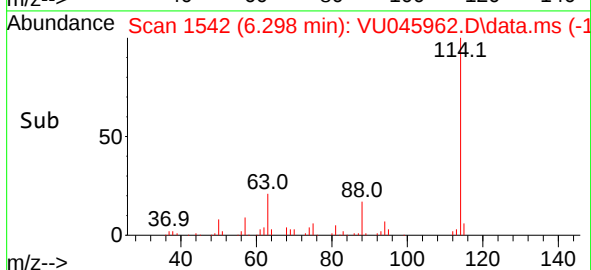
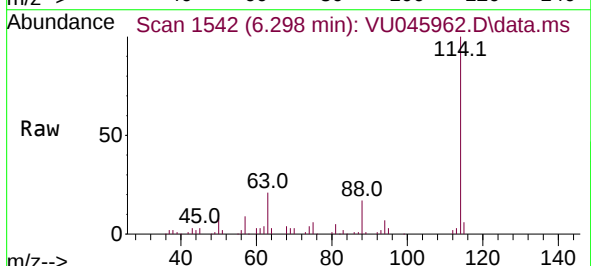


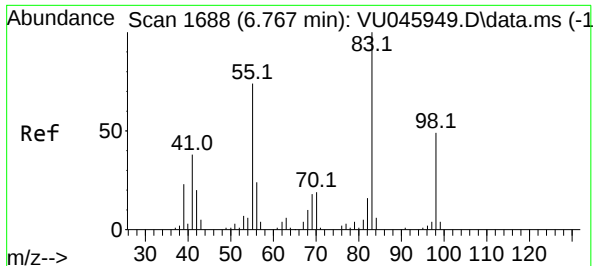
Tgt Ion: 76 Resp: 3802
Ion Ratio Lower Upper
76 100
78 11.2 7.5 11.3



#34
Trichloroethene
Concen: 0.409 ug/L
RT: 6.298 min Scan# 1542
Delta R.T. -0.248 min
Lab File: VU045962.D
Acq: 23 Nov 2021 17:43

Tgt Ion: 95 Resp: 2542
Ion Ratio Lower Upper
95 100
97 0.0 46.5 86.5#
132 0.0 65.1 120.9#
130 0.0 67.3 124.9#

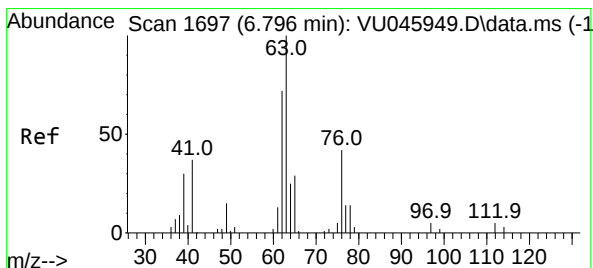
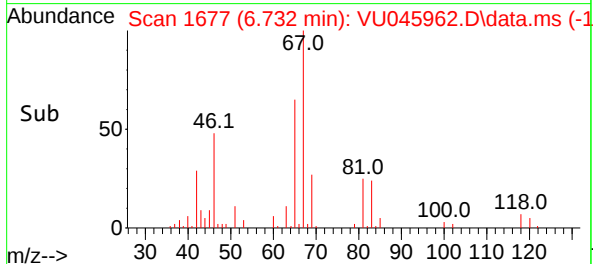
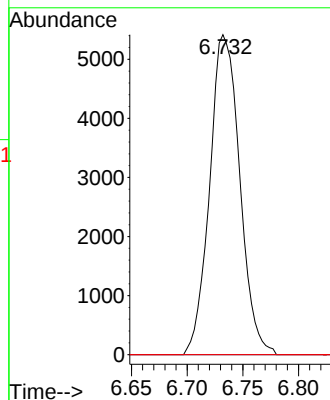
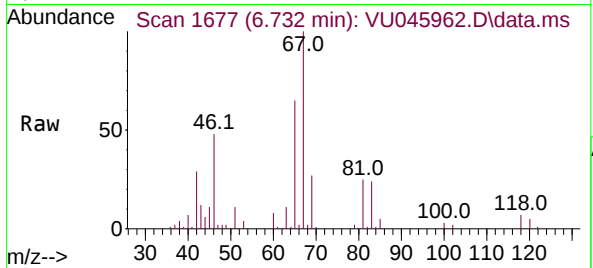




#35
Methylcyclohexane
Concen: 1.068 ug/L
RT: 6.732 min Scan# 1677
Delta R.T. -0.035 min
Lab File: VU045962.D
Acq: 23 Nov 2021 17:43

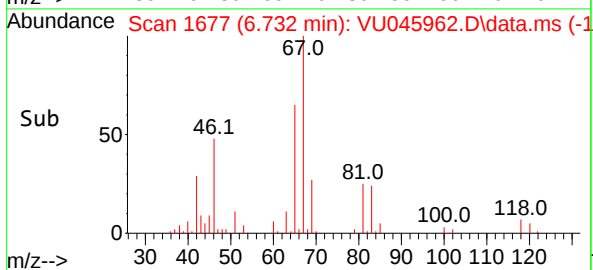
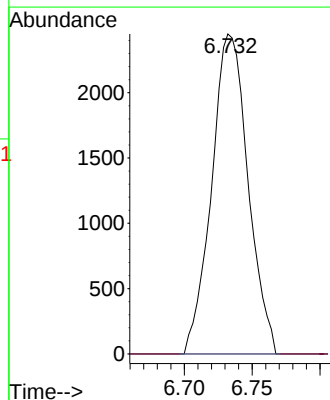
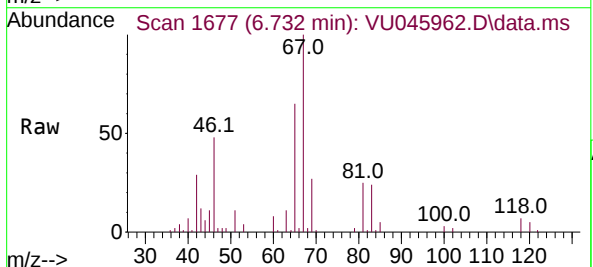
Instrument :
MSVOA_U
ClientSampleId :

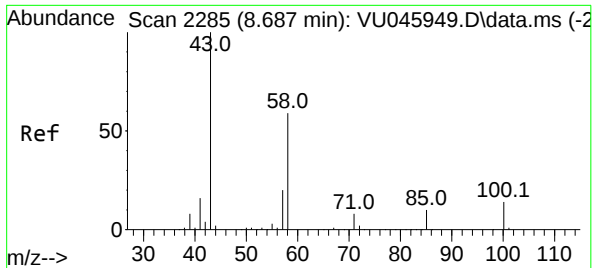
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	5.1	39.0	58.6#



#37
1,2-Dichloropropane
Concen: 0.720 ug/L
RT: 6.732 min Scan# 1677
Delta R.T. -0.064 min
Lab File: VU045962.D
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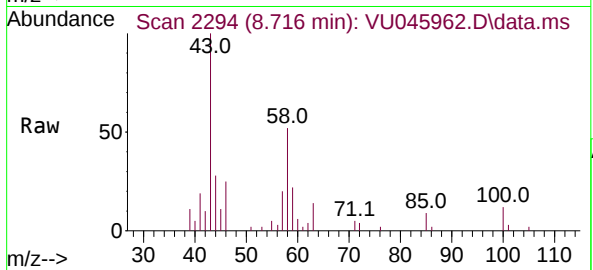
Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



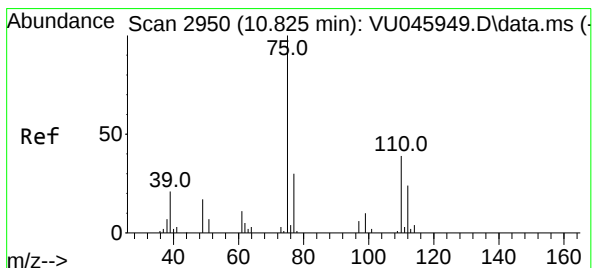
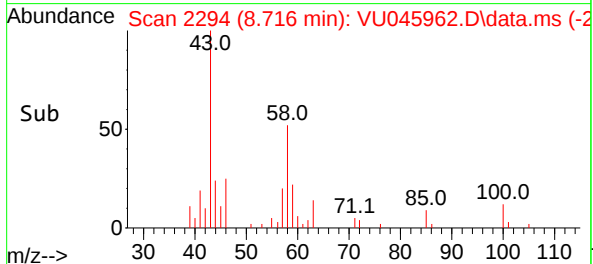
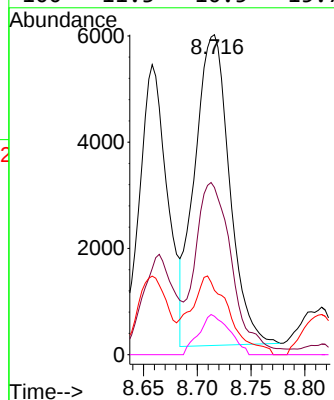


#48
2-Hexanone
Concen: 4.374 ug/L
RT: 8.716 min Scan# 21
Delta R.T. 0.029 min
Lab File: VU045962.D
Acq: 23 Nov 2021 17:43

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	43	Resp:	13167
Ion Ratio	100	Lower	Upper
43	100		
58	58.1	46.7	70.1
57	28.4	16.3	24.5#
100	11.3	10.5	15.7



#61
1,2,3-Trichloropropane
Concen: 1.260 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.990 min
Lab File: VU045962.D
Acq: 23 Nov 2021 17:43

Tgt Ion:	75	Resp:	5216
Ion Ratio	100	Lower	Upper
75	100		
110	0.0	29.9	44.9#
77	29.7	25.5	38.3

