

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070221\
 Data File : VU044295.D
 Acq On : 02 Jul 2021 11:17
 Operator : SY/MD
 Sample : M2905-18DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 03 04:58:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 03 04:56:00 2021
 Response via : Initial Calibration

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

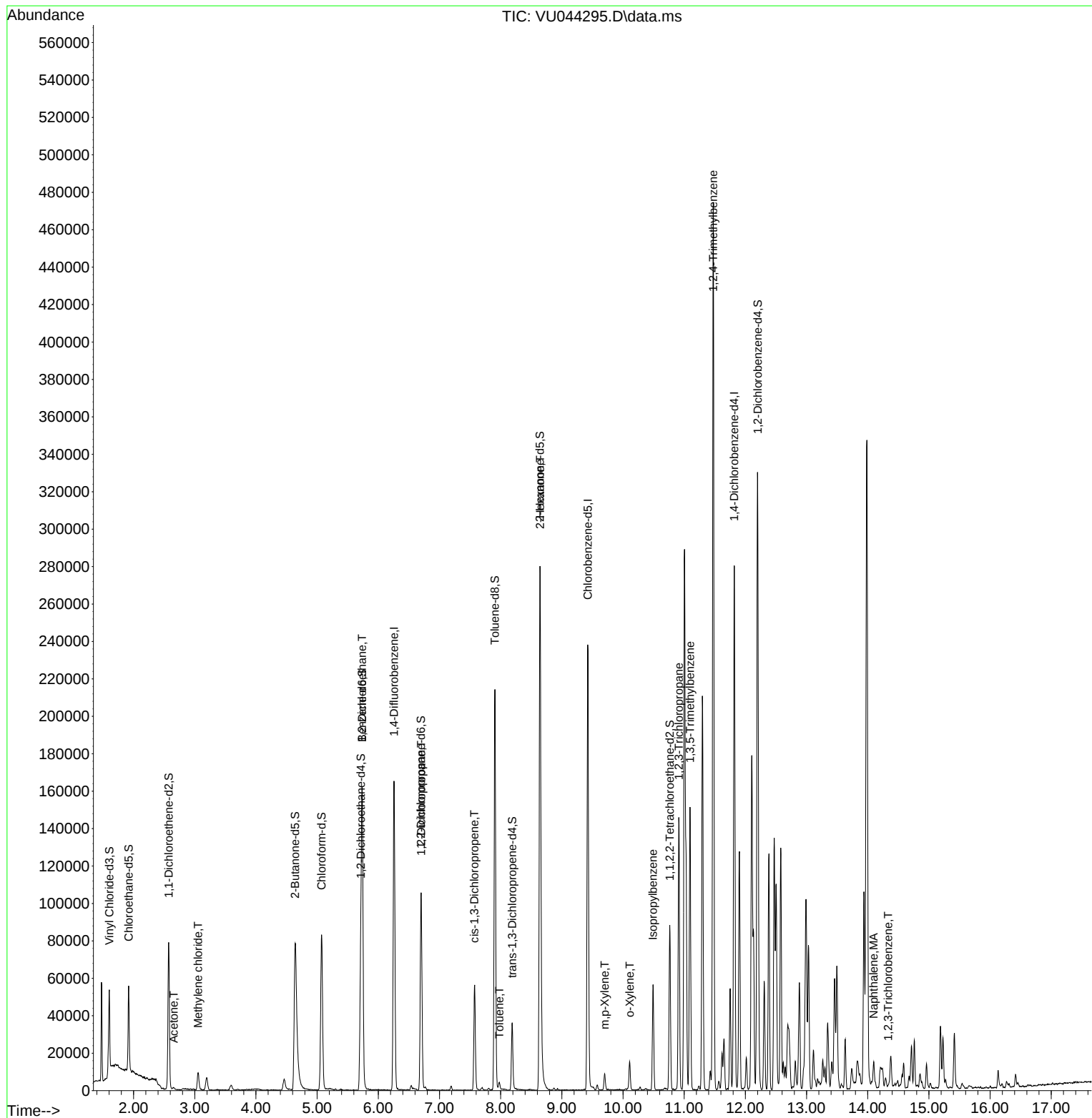
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	133784	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	126512	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	71113	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	27842	3.844	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.919	69	31056	4.354	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.575	65	14548	3.913	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.200%
20) 2-Butanone-d5	4.642	46	131344	49.241	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.480%
24) Chloroform-d	5.073	84	74693	4.581	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.713	65	43469	4.460	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	5.735	84	146819	4.673	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.700	67	47414	4.656	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.906	98	137294	4.709	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	8.189	79	19628	4.156	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.642	63	110696	49.206	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.420%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	41982	4.638	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	12.201	152	58623	5.003	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						Qvalue
13) Acetone	2.658	43	2176	1.825	ug/L	78
16) Methylene chloride	3.054	84	4521	0.434	ug/L	97
27) 1,2-Dichloroethane	5.735	62	916	0.082	ug/L #	76
37) 1,2-Dichloropropane	6.703	63	5468	0.624	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1368	0.095	ug/L #	55
42) Toluene	7.980	91	2400	0.066	ug/L	81
48) 2-Hexanone	8.645	43	14962	3.014	ug/L #	65
53) m,p-Xylene	9.700	106	2530	0.158	ug/L	87
54) o-Xylene	10.108	106	4050	0.261	ug/L	98
60) Isopropylbenzene	10.491	105	36648	0.848	ug/L	100
61) 1,2,3-Trichloropropane	10.915	75	630	0.098	ug/L #	1
62) 1,3,5-Trimethylbenzene	11.095	105	81597	2.166	ug/L	98
63) 1,2,4-Trimethylbenzene	11.475	105	254206	6.596	ug/L	99
71) Naphthalene	14.095	128	6876	0.301	ug/L	97
72) 1,2,3-Trichlorobenzene	14.333	180	415	0.038	ug/L #	66

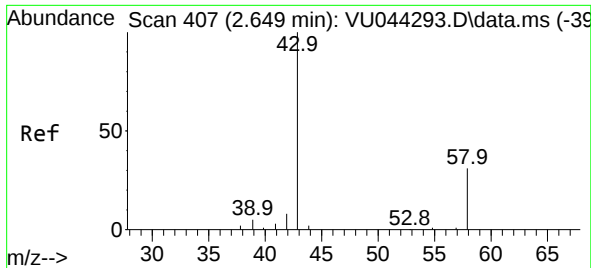
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jul 03 04:56:00 2021
Response via : Initial Calibration

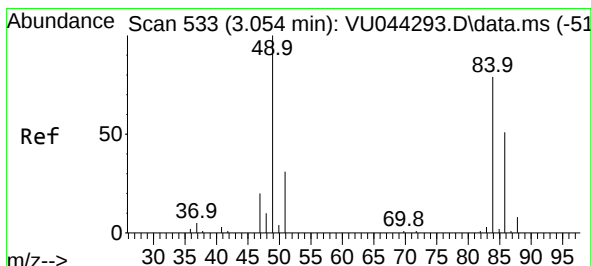
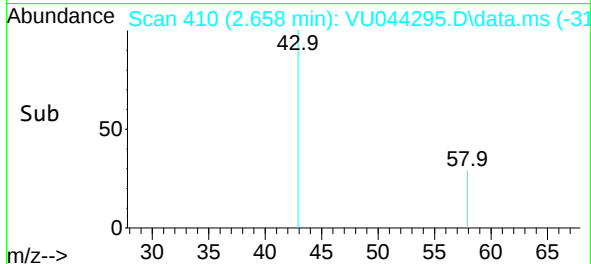
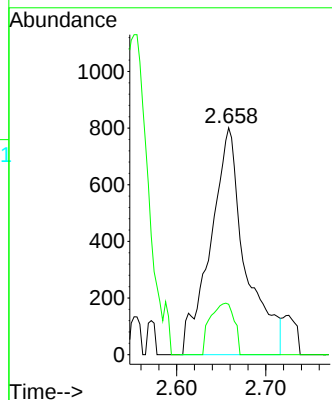
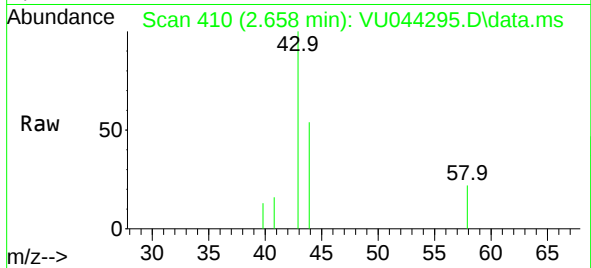




#13
Acetone
Concen: 1.825 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.010 min
Lab File: VU044295.D
Acq: 02 Jul 2021 11:17

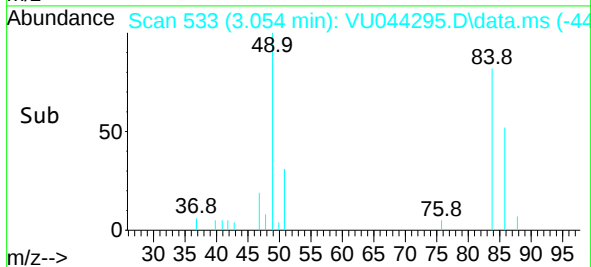
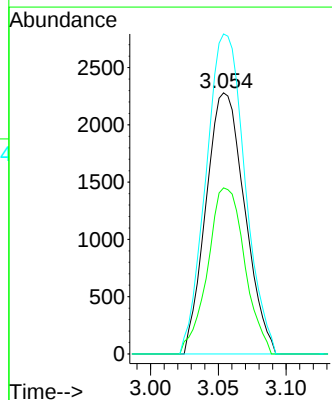
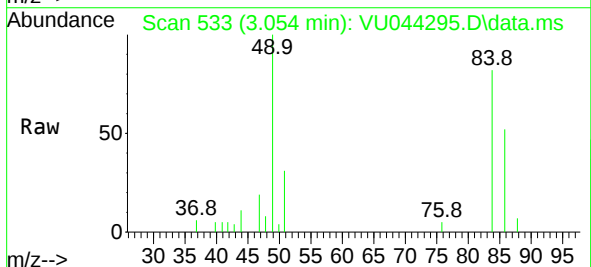
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MSVOA_U
ClientSampled :

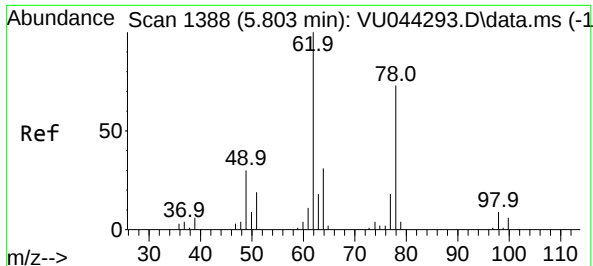
Tgt Ion: 43 Resp: 2176
Ion Ratio Lower Upper
43 100
58 15.6 0.0 53.8



#16
Methylene chloride
Concen: 0.434 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU044295.D
Acq: 02 Jul 2021 11:17

Tgt Ion: 84 Resp: 4521
Ion Ratio Lower Upper
84 100
86 63.6 46.1 85.5
49 122.5 88.4 164.2



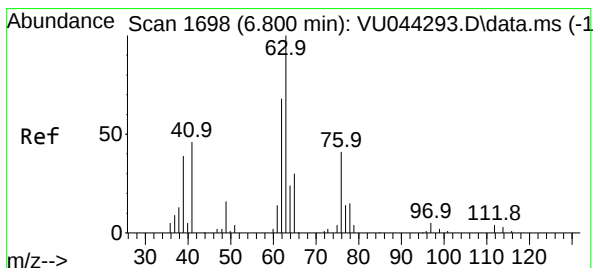
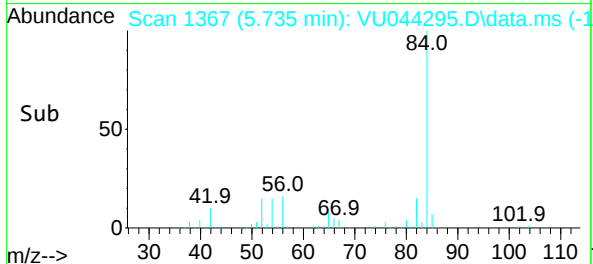
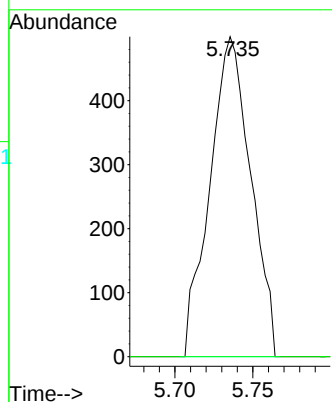
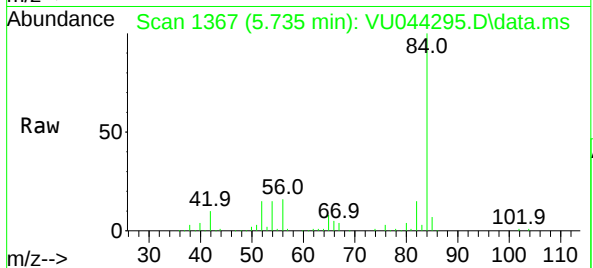


#27

1,2-Dichloroethane
Concen: 0.082 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.068 min
Lab File: VU044295.D
Acq: 02 Jul 2021 11:17

Instrument :
MSVOA_U
ClientSampled :

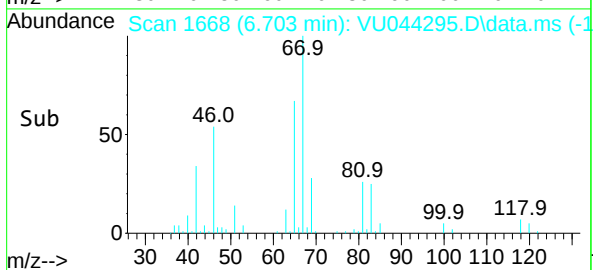
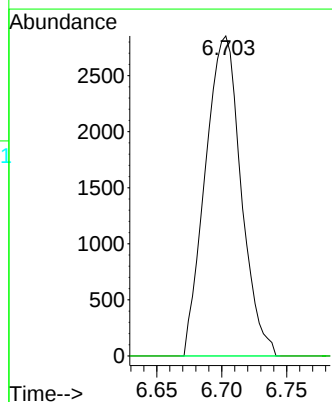
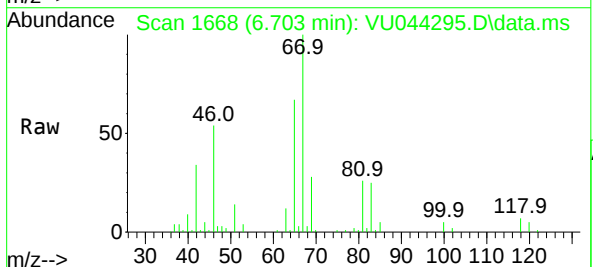
Tgt Ion: 62 Resp: 916
Ion Ratio Lower Upper
62 100
98 0.0 6.8 10.2#

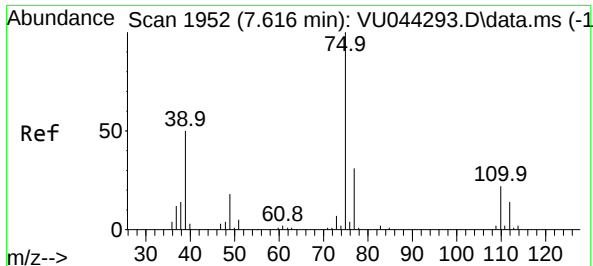


#37

1,2-Dichloropropane
Concen: 0.624 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.097 min
Lab File: VU044295.D
Acq: 02 Jul 2021 11:17

Tgt Ion: 63 Resp: 5468
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



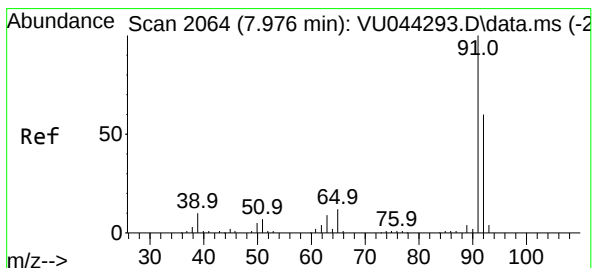
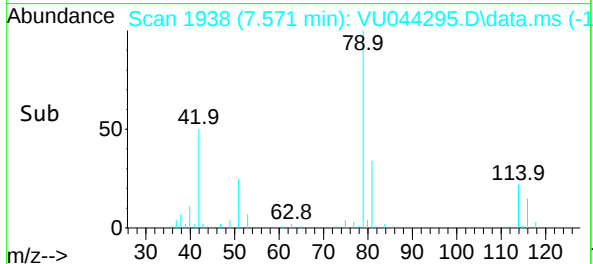
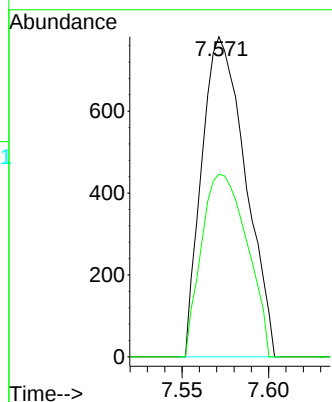
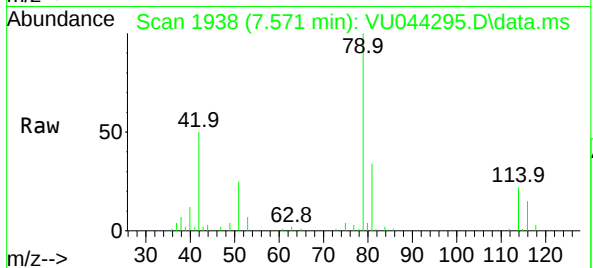


#39

cis-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU044295.D
Acq: 02 Jul 2021 11:17

Instrument :
MSVOA_U
ClientSampled :

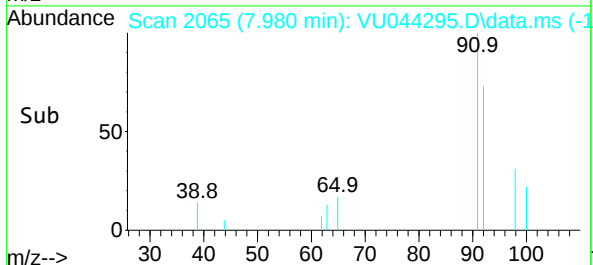
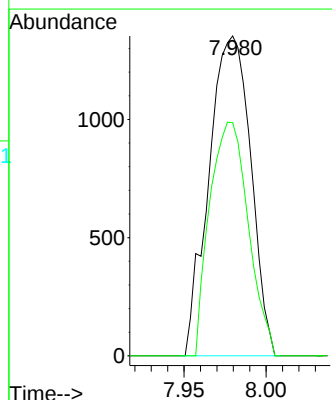
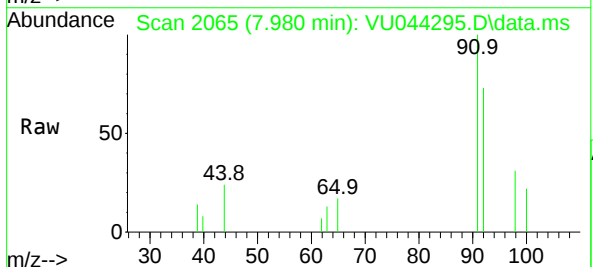
Tgt Ion: 75 Resp: 1368
Ion Ratio Lower Upper
75 100
77 57.0 22.5 41.7#

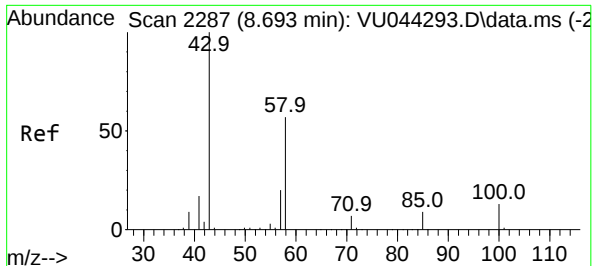


#42

Toluene
Concen: 0.066 ug/L
RT: 7.980 min Scan# 2065
Delta R.T. 0.003 min
Lab File: VU044295.D
Acq: 02 Jul 2021 11:17

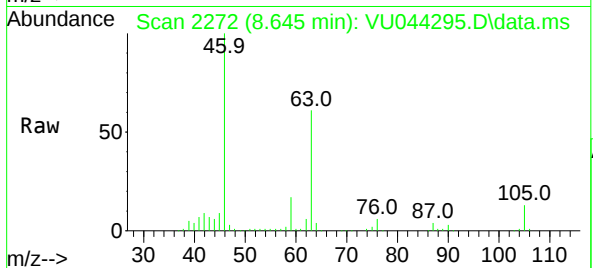
Tgt Ion: 91 Resp: 2400
Ion Ratio Lower Upper
91 100
92 72.9 41.2 76.6



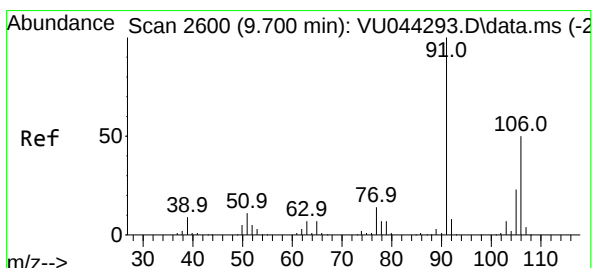
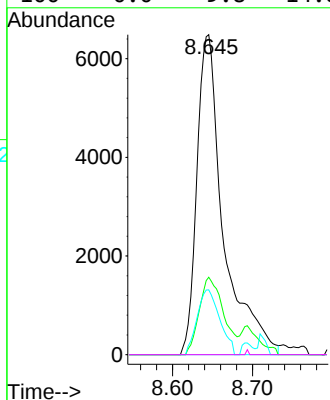
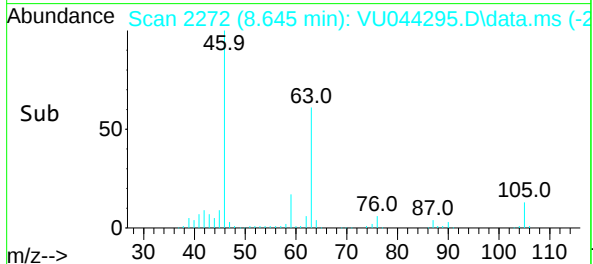


#48
2-Hexanone
Concen: 3.014 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU044295.D
Acq: 02 Jul 2021 11:17

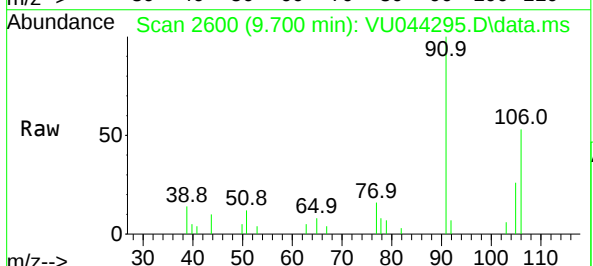
Instrument :
MSVOA_U
ClientSampled :



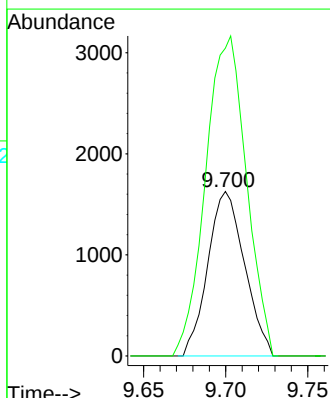
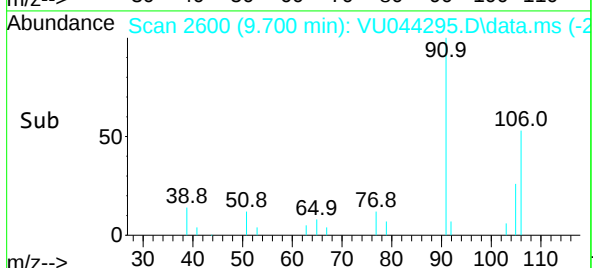
Tgt Ion: 43 Resp: 14962
Ion Ratio Lower Upper
43 100
58 22.1 44.7 67.1#
57 17.3 15.7 23.5
100 0.0 9.8 14.8#

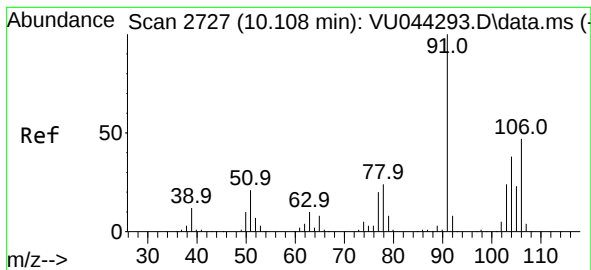


#53
m,p-Xylene
Concen: 0.158 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU044295.D
Acq: 02 Jul 2021 11:17



Tgt Ion: 106 Resp: 2530
Ion Ratio Lower Upper
106 100
91 187.2 144.8 269.0

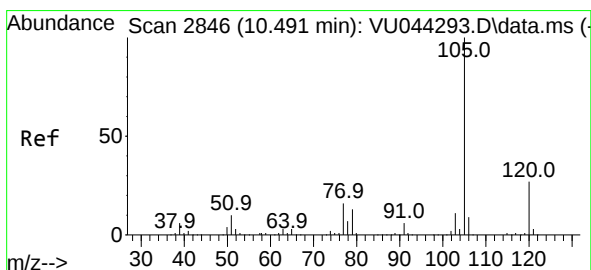
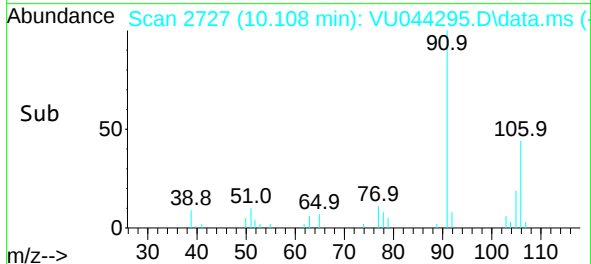
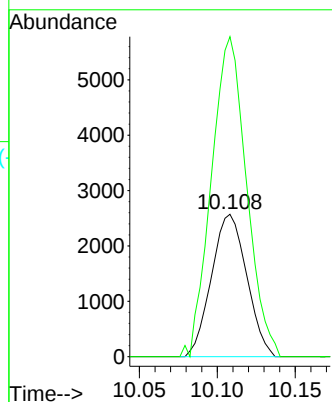
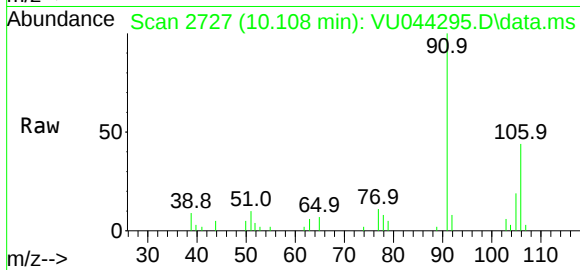




#54
o-Xylene
Concen: 0.261 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU044295.D
Acq: 02 Jul 2021 11:17

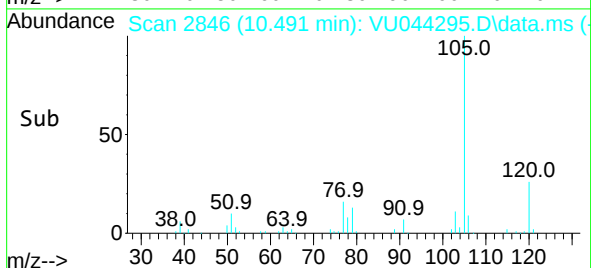
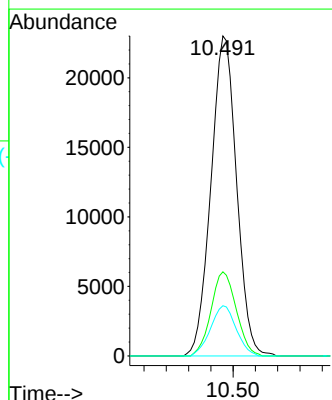
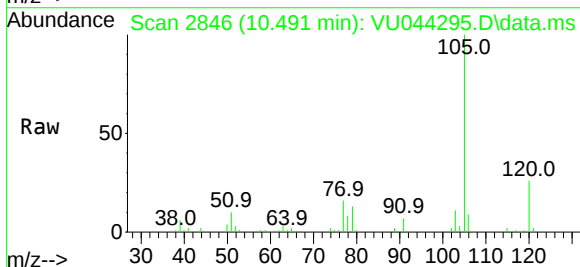
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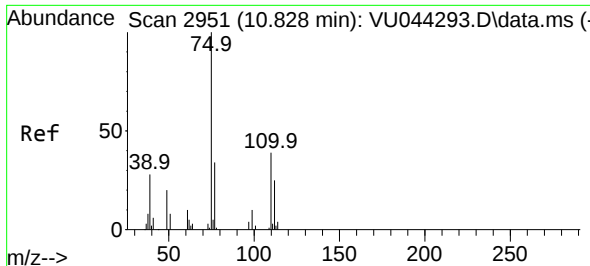
Tgt Ion:106 Resp: 4050
Ion Ratio Lower Upper
106 100
91 224.8 154.8 287.4



#60
Isopropylbenzene
Concen: 0.848 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU044295.D
Acq: 02 Jul 2021 11:17

Tgt Ion:105 Resp: 36648
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1
77 15.7 12.9 19.3

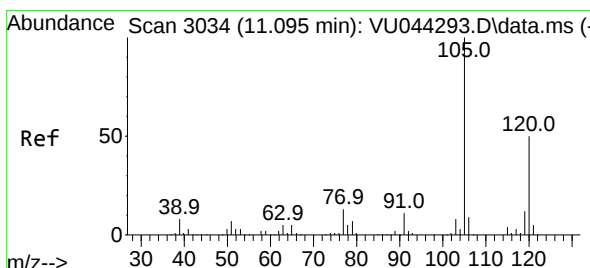
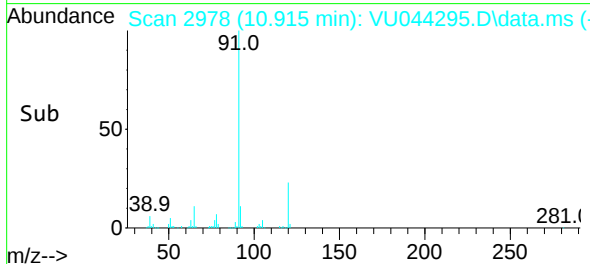
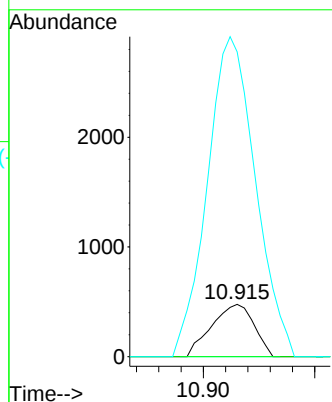
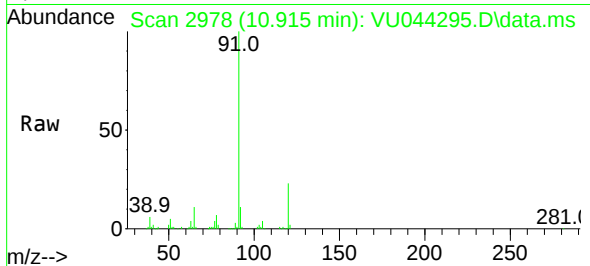




#61
1,2,3-Trichloropropane
Concen: 0.098 ug/L
RT: 10.915 min Scan# 2978
Delta R.T. 0.087 min
Lab File: VU044295.D
Acq: 02 Jul 2021 11:17

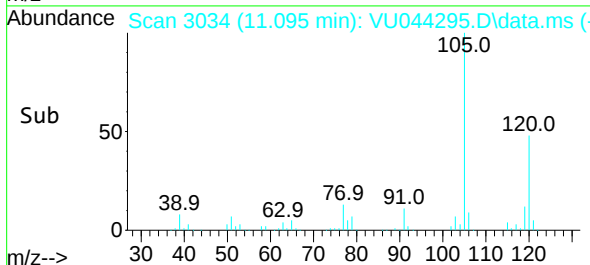
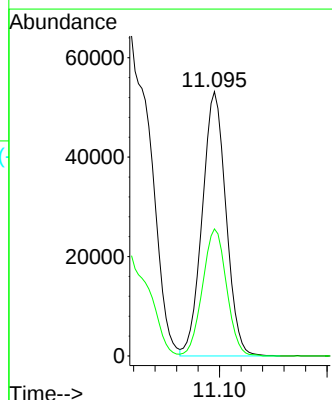
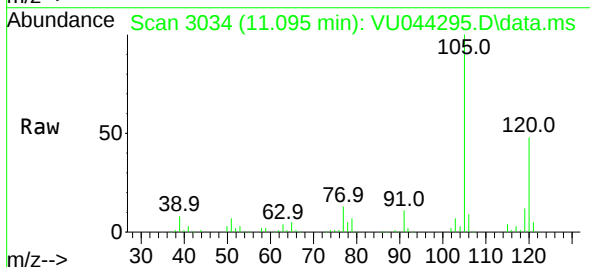
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MSVOA_U
ClientSampled :

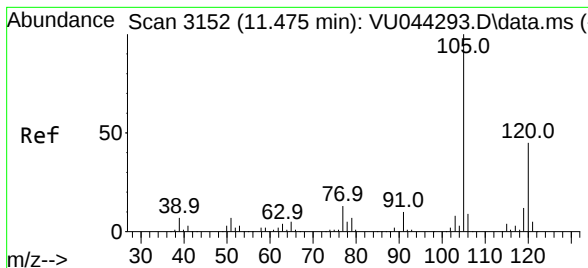
Tgt Ion: 75 Resp: 630
Ion Ratio Lower Upper
75 100
110 0.0 30.5 45.7#
77 694.4 26.1 39.1#



#62
1,3,5-Trimethylbenzene
Concen: 2.166 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU044295.D
Acq: 02 Jul 2021 11:17

Tgt Ion: 105 Resp: 81597
Ion Ratio Lower Upper
105 100
120 48.6 38.0 57.0

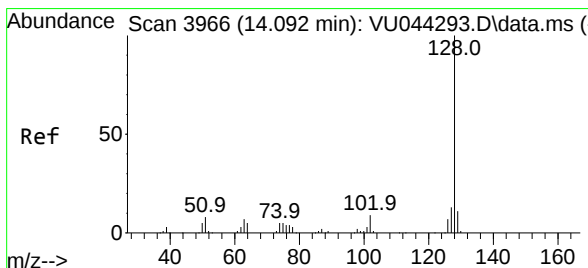
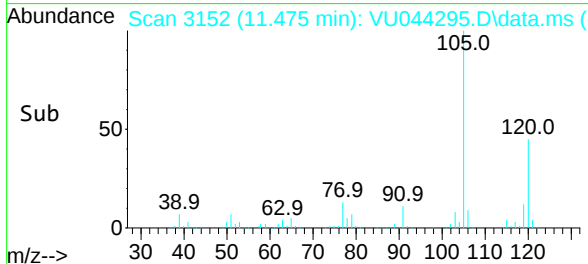
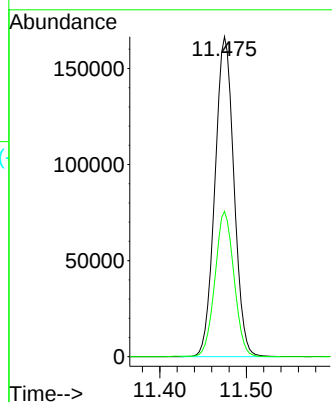
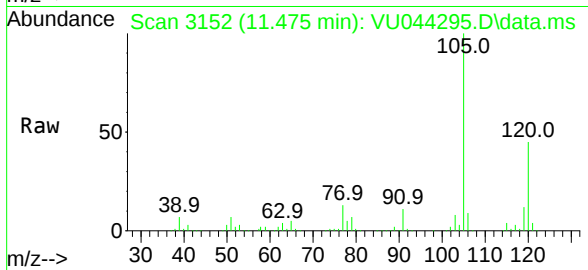




#63
1,2,4-Trimethylbenzene
Concen: 6.596 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU044295.D
Acq: 02 Jul 2021 11:17

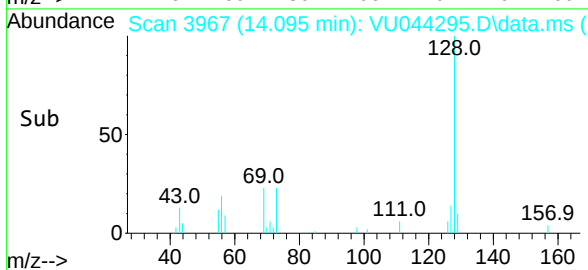
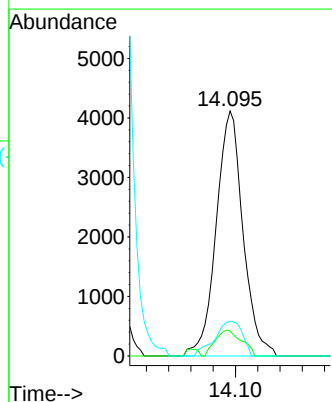
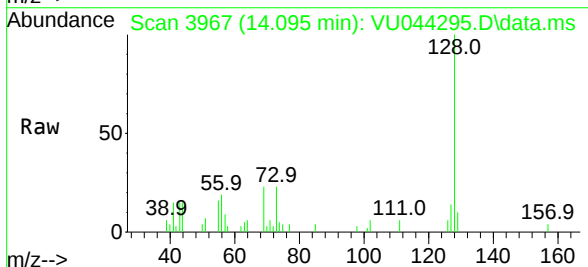
Instrument :
MSVOA_U
ClientSampleId :

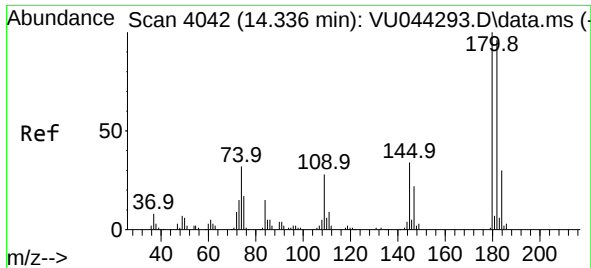
Tgt Ion:105 Resp: 254206
Ion Ratio Lower Upper
105 100
120 45.3 35.6 53.4



#71
Naphthalene
Concen: 0.301 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044295.D
Acq: 02 Jul 2021 11:17

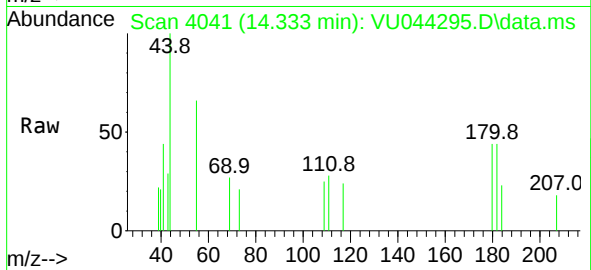
Tgt Ion:128 Resp: 6876
Ion Ratio Lower Upper
128 100
129 10.3 8.9 13.3
127 14.6 10.3 15.5





#72
 1,2,3-Trichlorobenzene
 Concen: 0.038 ug/L
 RT: 14.333 min Scan# 4041
 Delta R.T. -0.003 min
 Lab File: VU044295.D
 Acq: 02 Jul 2021 11:17

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 415
 Ion Ratio Lower Upper
 180 100
 182 86.5 76.4 114.6
 145 92.8 26.5 39.7#

