

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
 Data File : VU043444.D
 Acq On : 29 Apr 2021 23:17
 Operator : SY/MD
 Sample : M2197-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YARH8

Quant Time: Apr 30 08:35:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 30 08:34:29 2021
 Response via : Initial Calibration

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

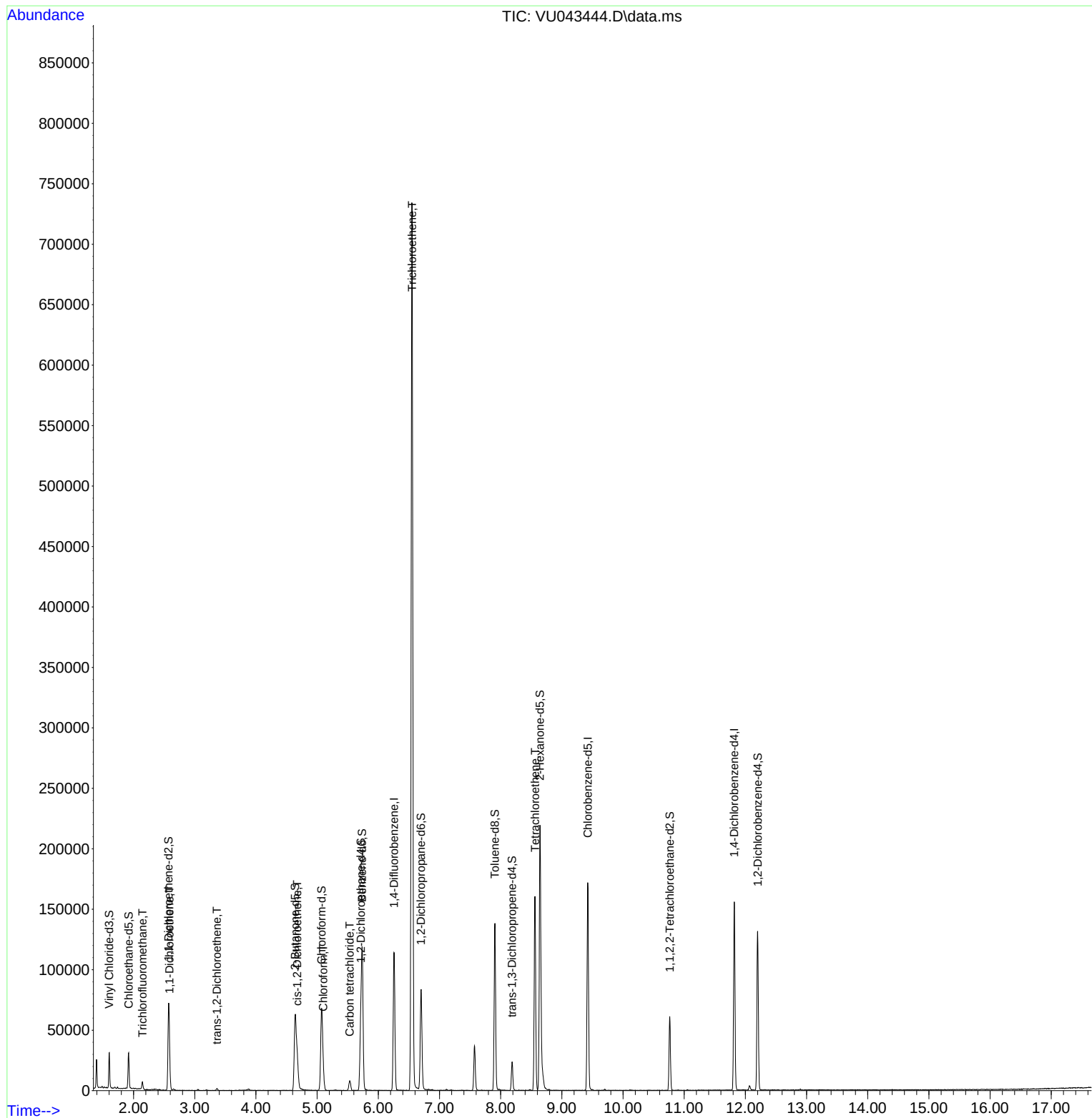
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	82549	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	84798	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	36869	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	19327	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.919	69	19697	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.572	65	12063	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.40%
20) 2-Butanone-d5	4.642	46	106166	57.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.32%
24) Chloroform-d	5.073	84	57468	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
26) 1,2-Dichloroethane-d4	5.713	65	35496	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.735	84	99642	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.700	67	35904	5.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.60%
41) Toluene-d8	7.906	98	82831	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
43) trans-1,3-Dichloroprop...	8.185	79	12072	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.642	63	65347	45.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.62%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	28822	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	31310	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	3623	0.36	ug/L	99
12) 1,1-Dichloroethene	2.588	96	5972	1.30	ug/L	# 11
18) trans-1,2-Dichloroethene	3.363	96	487	0.10	ug/L	88
22) cis-1,2-Dichloroethene	4.674	96	7399	1.28	ug/L	78
25) Chloroform	5.099	83	12018	1.06	ug/L	94
31) Carbon tetrachloride	5.533	117	5173	0.59	ug/L	95
34) Trichloroethene	6.552	95	241555	38.68	ug/L	95
47) Tetrachloroethene	8.562	164	33357	6.74	ug/L	98

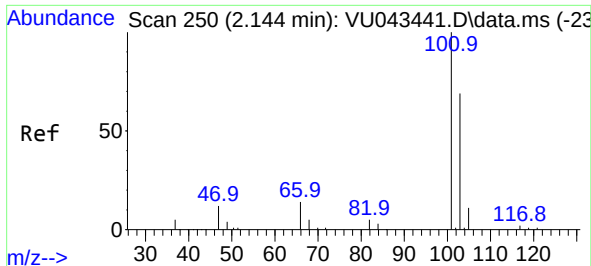
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 30 08:34:29 2021
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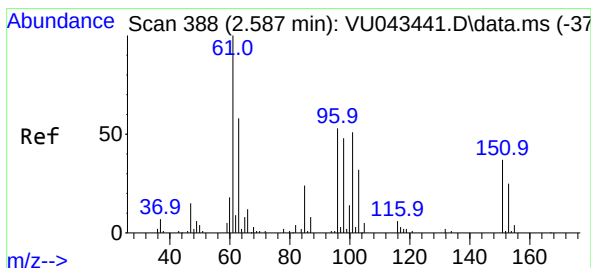
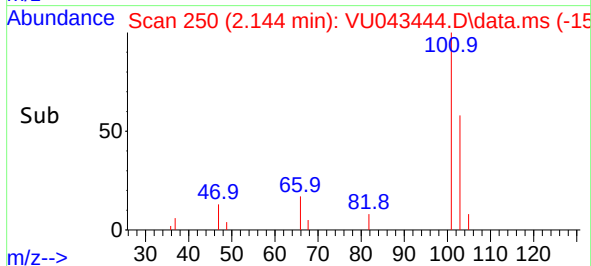
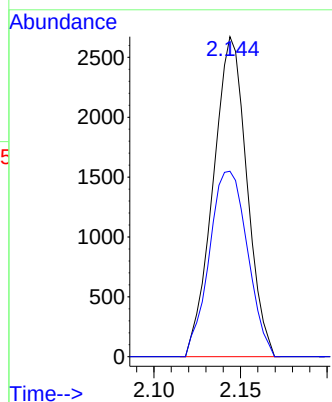
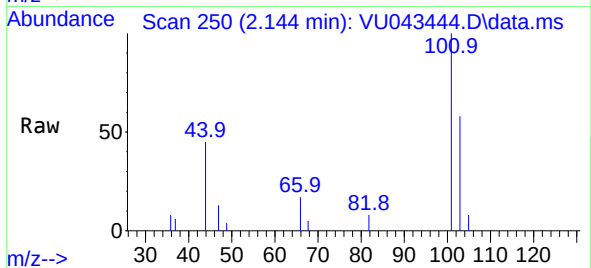




#9
Trichlorofluoromethane
Concen: 0.36 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU043444.D
Acq: 29 Apr 2021 23:17

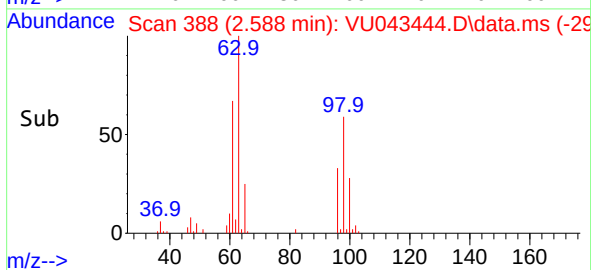
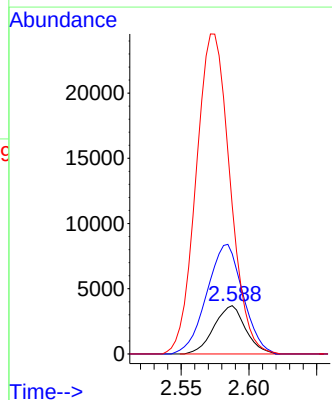
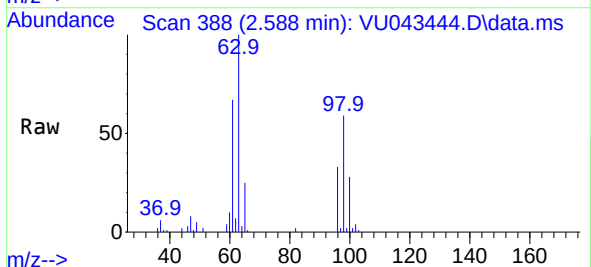
Instrument :
MSVOA_U
ClientSampled :
YARH8

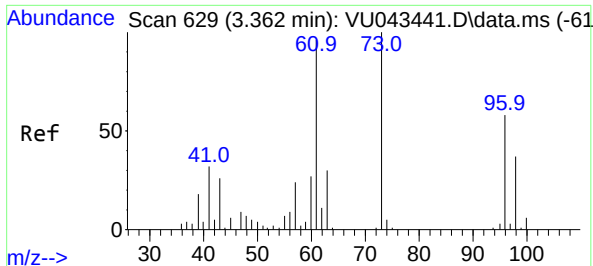
Tgt Ion:101 Resp: 3623
Ion Ratio Lower Upper
101 100
103 65.4 51.5 77.3



#12
1,1-Dichloroethene
Concen: 1.30 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU043444.D
Acq: 29 Apr 2021 23:17

Tgt Ion: 96 Resp: 5972
Ion Ratio Lower Upper
96 100
61 206.9 115.1 213.7
63 307.2 84.1 156.1#

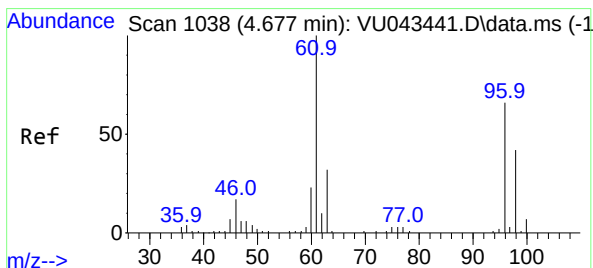
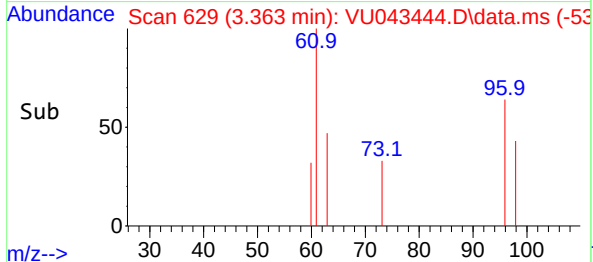
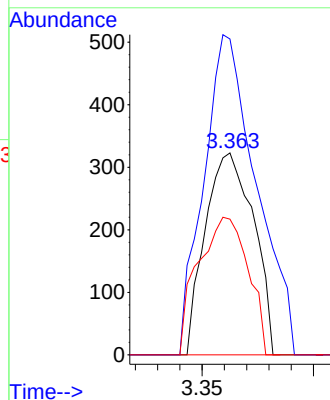
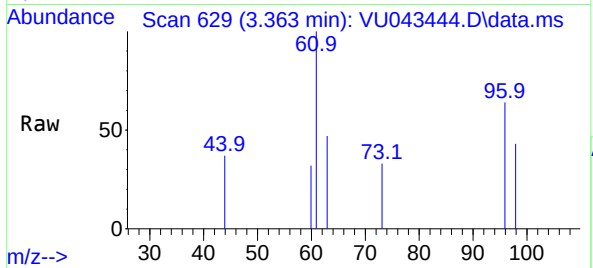




#18
trans-1,2-Dichloroethene
Concen: 0.10 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU043444.D
Acq: 29 Apr 2021 23:17

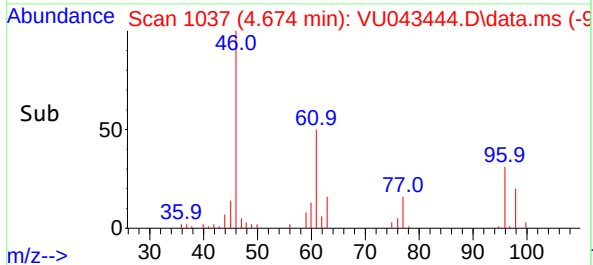
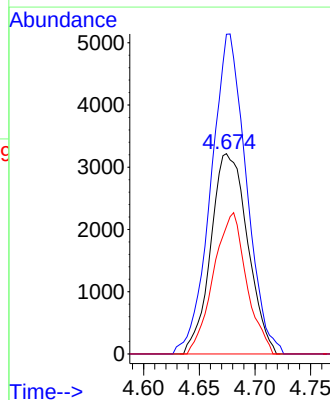
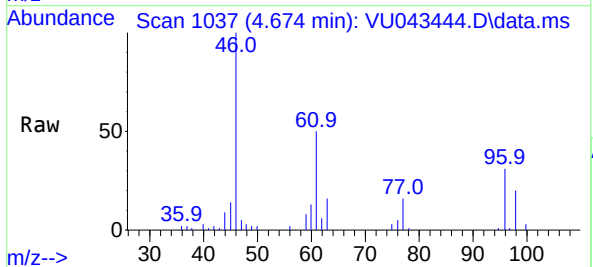
Instrument :
MSVOA_U
ClientSampled :
YARH8

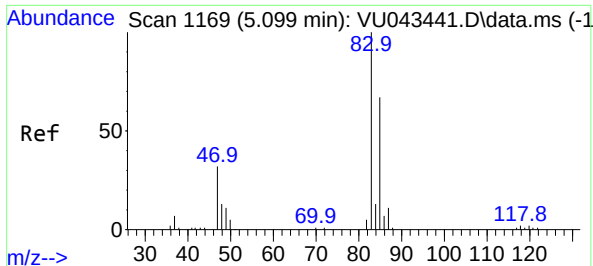
Tgt Ion: 96 Resp: 487
Ion Ratio Lower Upper
96 100
61 156.3 96.6 179.4
98 67.2 44.7 82.9



#22
cis-1,2-Dichloroethene
Concen: 1.28 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU043444.D
Acq: 29 Apr 2021 23:17

Tgt Ion: 96 Resp: 7399
Ion Ratio Lower Upper
96 100
61 159.6 87.4 162.4
98 63.6 47.7 88.5



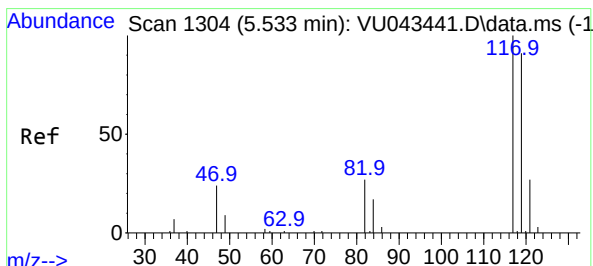
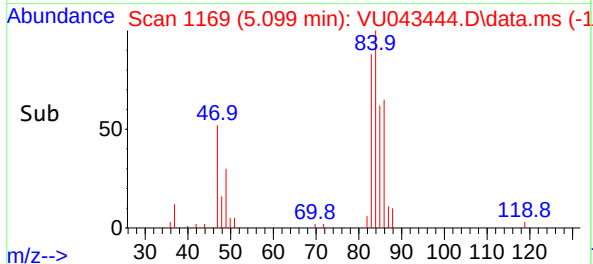
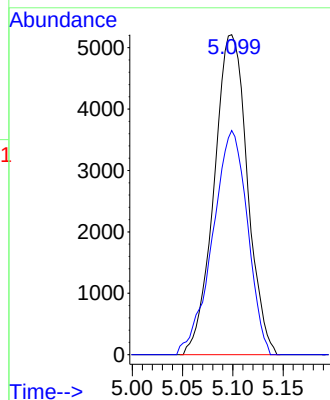
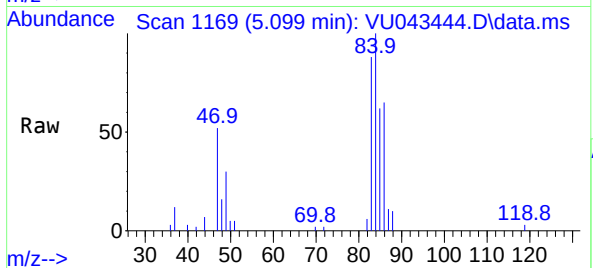


#25

Chloroform
Concen: 1.06 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043444.D
Acq: 29 Apr 2021 23:17

Instrument :
MSVOA_U
ClientSampleId :
YARH8

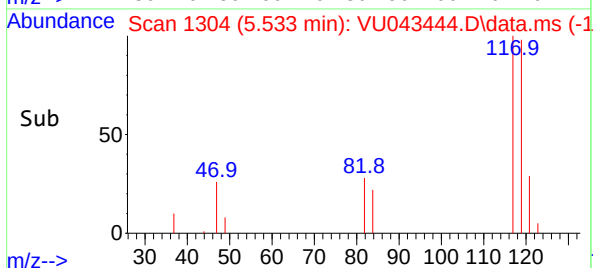
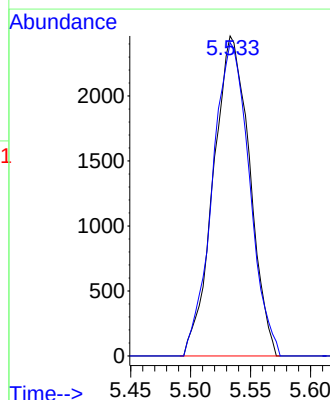
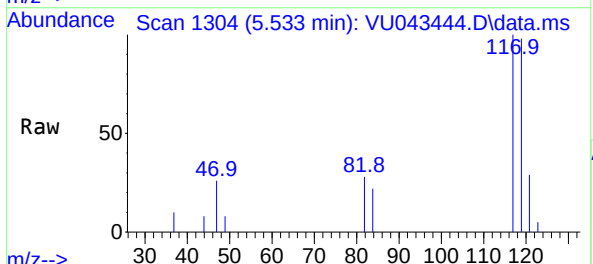
Tgt Ion: 83 Resp: 12018
Ion Ratio Lower Upper
83 100
85 70.0 45.6 84.8

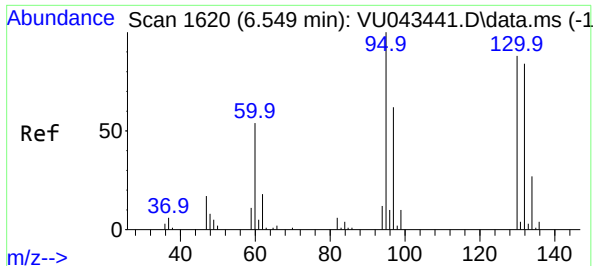


#31

Carbon tetrachloride
Concen: 0.59 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043444.D
Acq: 29 Apr 2021 23:17

Tgt Ion: 117 Resp: 5173
Ion Ratio Lower Upper
117 100
119 99.8 76.2 114.4

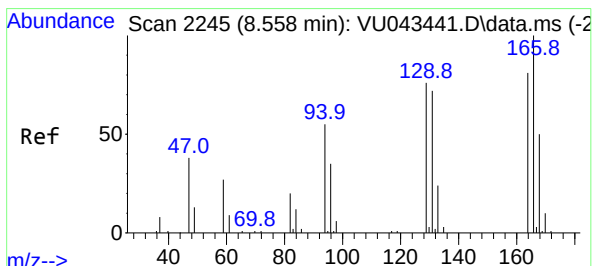
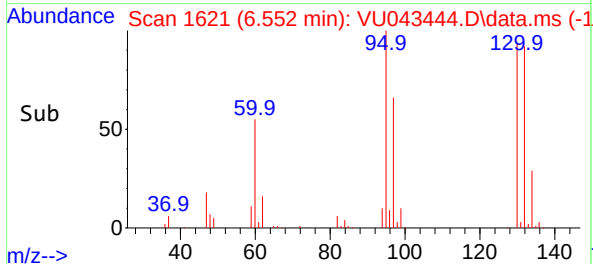
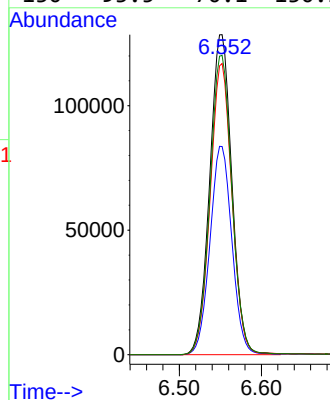
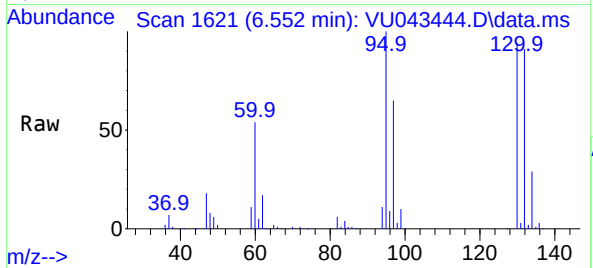




#34
Trichloroethene
Concen: 38.68 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043444.D
Acq: 29 Apr 2021 23:17

Instrument :
MSVOA_U
ClientSampled :
YARH8

Tgt Ion: 95 Resp: 241555
Ion Ratio Lower Upper
95 100
97 65.1 45.8 85.2
132 91.0 68.7 127.7
130 93.5 70.1 130.3



#47
Tetrachloroethene
Concen: 6.74 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU043444.D
Acq: 29 Apr 2021 23:17

Tgt Ion: 164 Resp: 33357
Ion Ratio Lower Upper
164 100
129 95.8 66.6 123.8
131 91.1 65.9 122.3
166 129.9 93.7 173.9

