

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
 Data File : VU042125.D
 Acq On : 20 Jan 2021 23:33
 Operator : SY/MD
 Sample : M1180-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E23

Quant Time: Jan 21 06:03:21 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 21 06:00:33 2021
 Response via : Initial Calibration

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

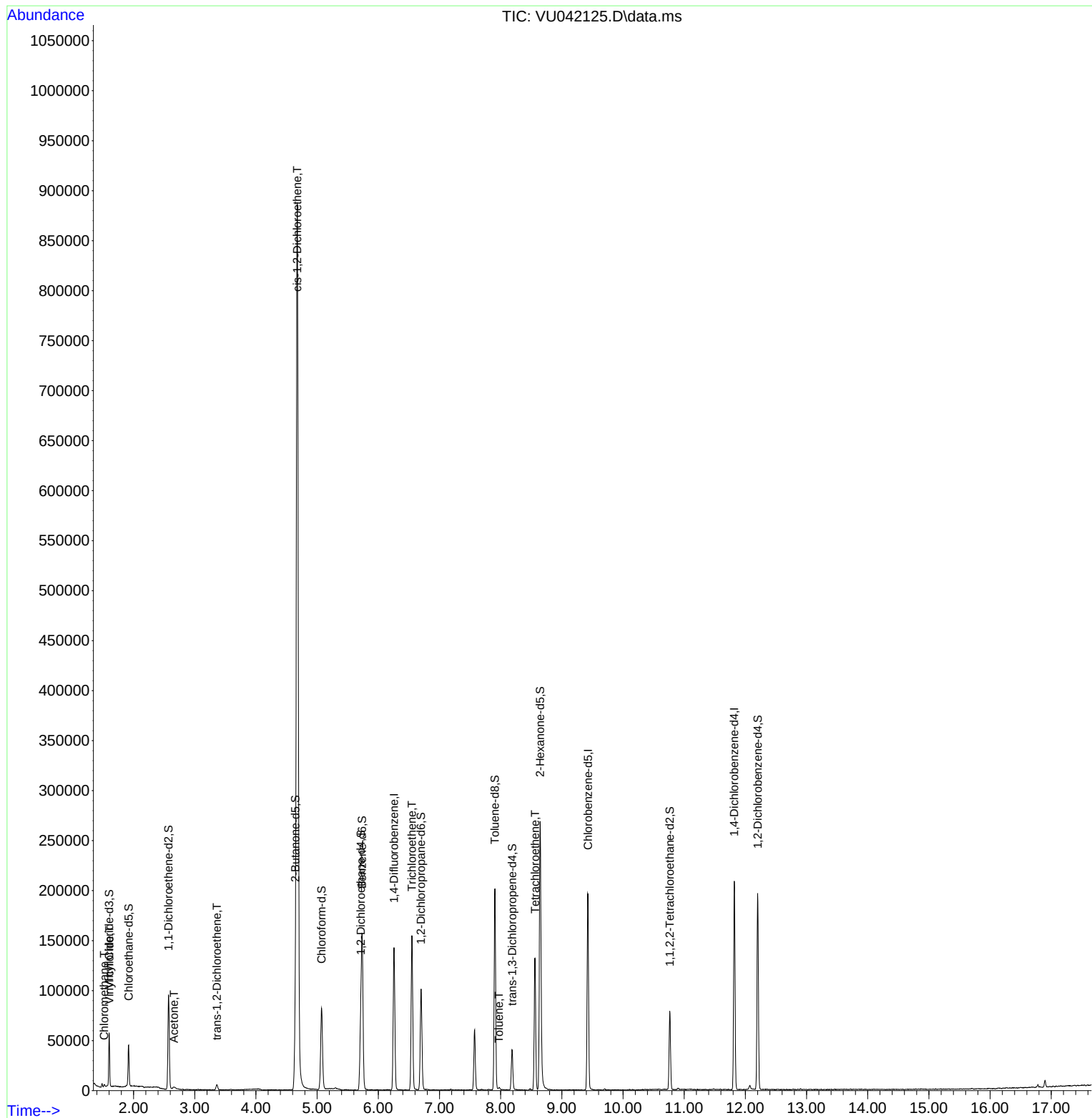
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	110610	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	102813	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	53799	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	33365	4.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	1.919	69	27677	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.572	63	57356	3.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.00%
20) 2-Butanone-d5	4.645	46	134565	51.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.36%
24) Chloroform-d	5.073	84	71921	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.713	65	44495	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.735	84	134540	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.700	67	44665	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.906	98	122588	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloroprop...	8.189	79	21383	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.645	63	101070	52.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.76%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	37728	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	49149	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1286	0.14	ug/L	97
5) Vinyl chloride	1.607	62	1712	0.19	ug/L #	71
13) Acetone	2.662	43	5058	2.92	ug/L	65
18) trans-1,2-Dichloroethene	3.363	96	2101	0.26	ug/L	93
22) cis-1,2-Dichloroethene	4.674	96	430374	50.60	ug/L	100
34) Trichloroethene	6.549	95	49980	6.13	ug/L	98
42) Toluene	7.973	91	1502	0.05	ug/L	96
47) Tetrachloroethene	8.562	164	29411	4.34	ug/L	96

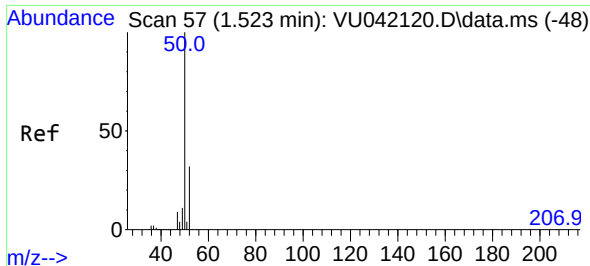
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jan 21 06:00:33 2021
Response via : Initial Calibration

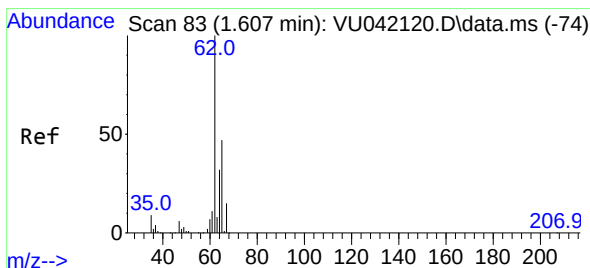
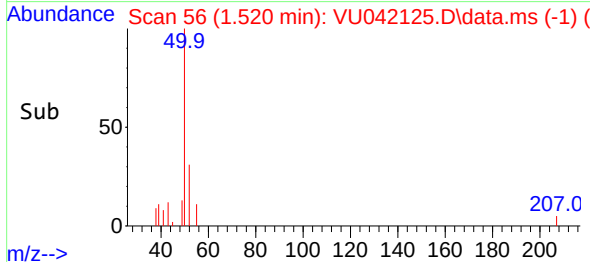
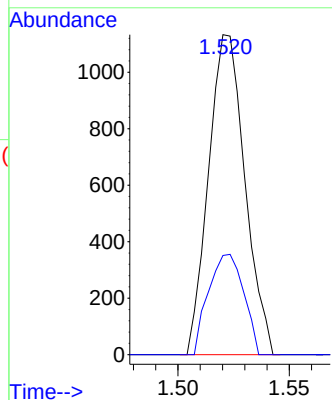
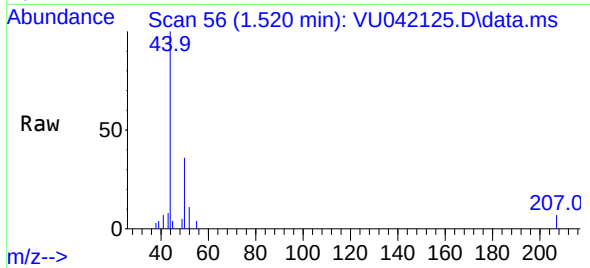




#3
Chloromethane
Concen: 0.14 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042125.D
Acq: 20 Jan 2021 23:33

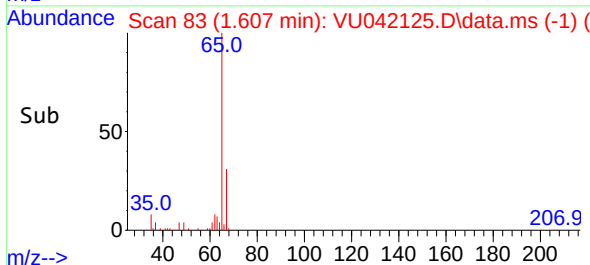
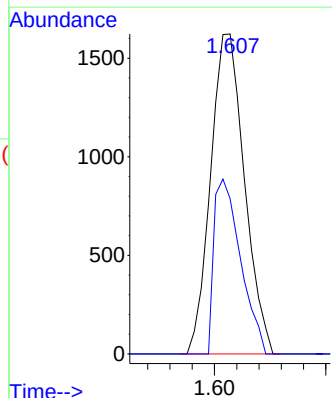
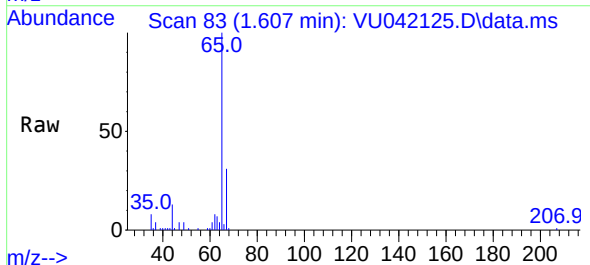
Instrument :
MSVOA_U
ClientSampleId :
F1E23

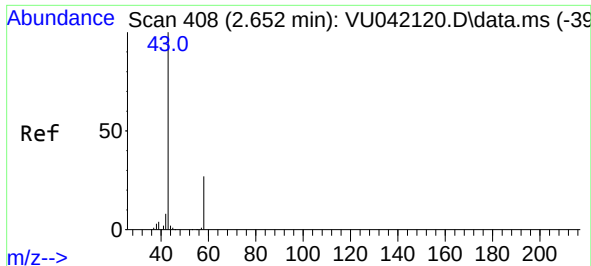
Tgt Ion: 50 Resp: 1286
Ion Ratio Lower Upper
50 100
52 31.0 23.0 42.8



#5
Vinyl chloride
Concen: 0.19 ug/L
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU042125.D
Acq: 20 Jan 2021 23:33

Tgt Ion: 62 Resp: 1712
Ion Ratio Lower Upper
62 100
64 48.5 22.7 42.1#

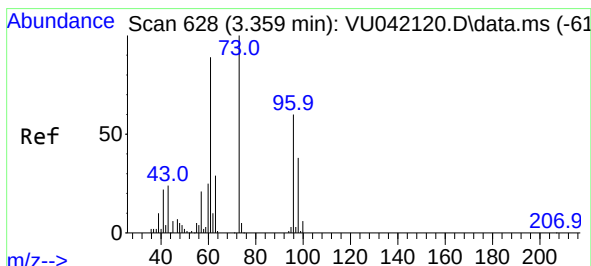
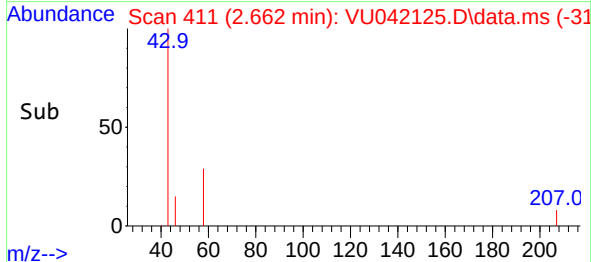
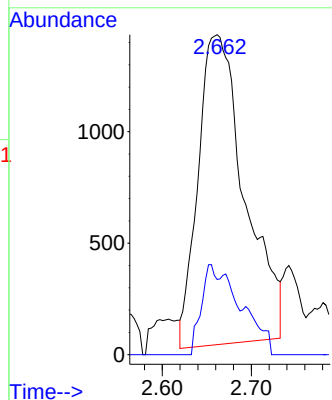
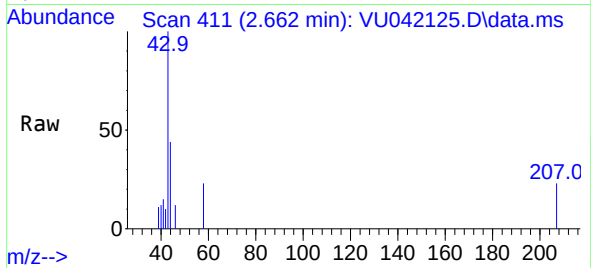




#13
Acetone
Concen: 2.92 ug/L
RT: 2.662 min Scan# 411
Delta R.T. 0.010 min
Lab File: VU042125.D
Acq: 20 Jan 2021 23:33

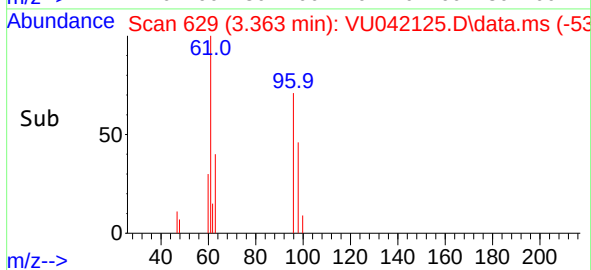
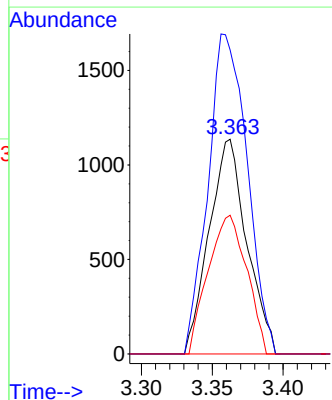
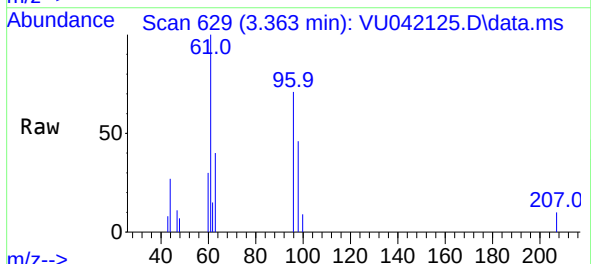
Instrument :
MSVOA_U
ClientSampleId :
F1E23

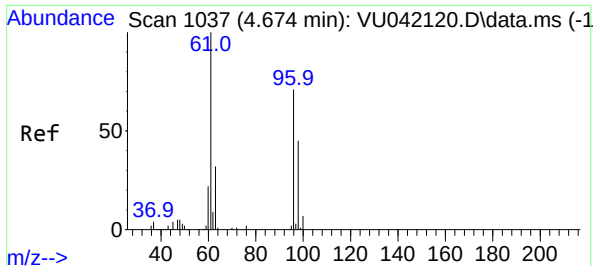
Tgt Ion: 43 Resp: 5058
Ion Ratio Lower Upper
43 100
58 9.6 0.0 55.8



#18
trans-1,2-Dichloroethene
Concen: 0.26 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.003 min
Lab File: VU042125.D
Acq: 20 Jan 2021 23:33

Tgt Ion: 96 Resp: 2101
Ion Ratio Lower Upper
96 100
61 141.5 105.7 196.3
98 64.6 42.8 79.6

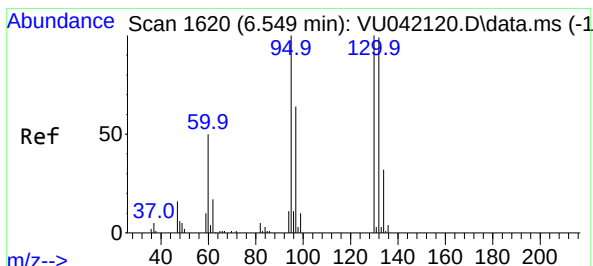
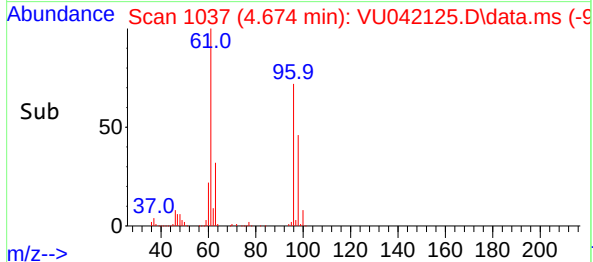
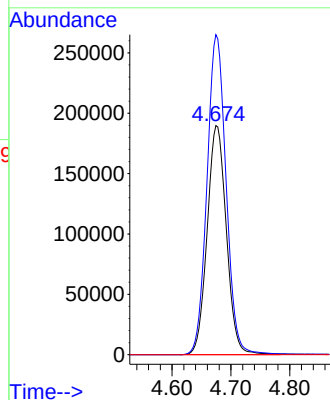
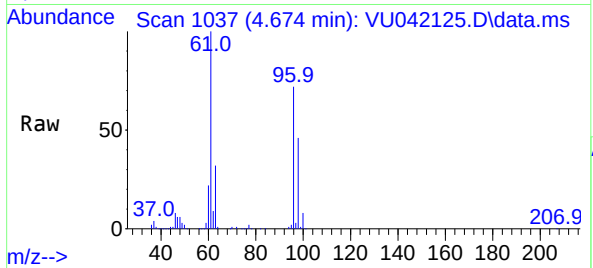




#22
cis-1,2-Dichloroethene
Concen: 50.60 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU042125.D
Acq: 20 Jan 2021 23:33

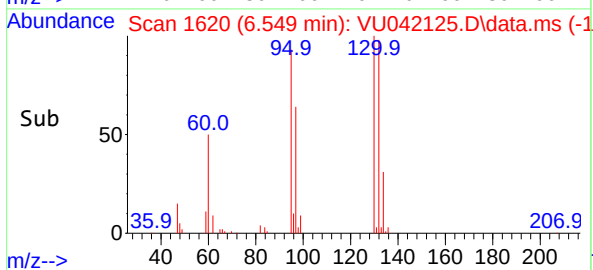
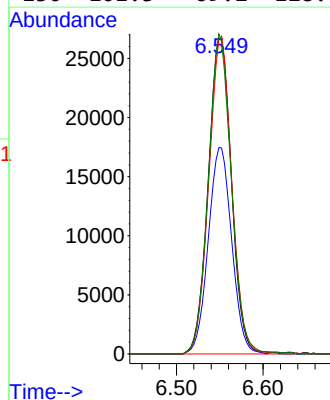
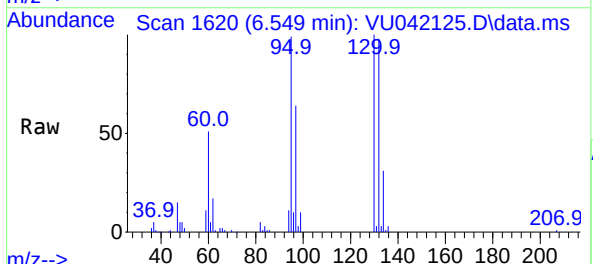
Instrument :
MSVOA_U
ClientSampleId :
F1E23

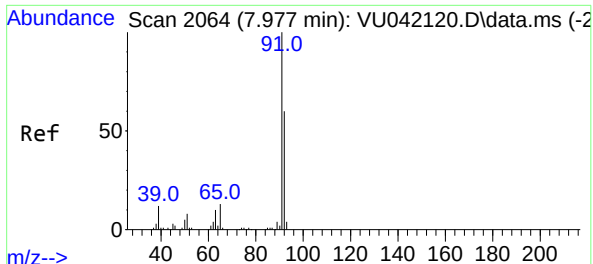
Tgt Ion: 96 Resp: 430374
Ion Ratio Lower Upper
96 100
61 139.6 97.8 181.6
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 6.13 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU042125.D
Acq: 20 Jan 2021 23:33

Tgt Ion: 95 Resp: 49980
Ion Ratio Lower Upper
95 100
97 65.3 44.4 82.4
132 99.6 68.0 126.4
130 101.3 69.2 128.4

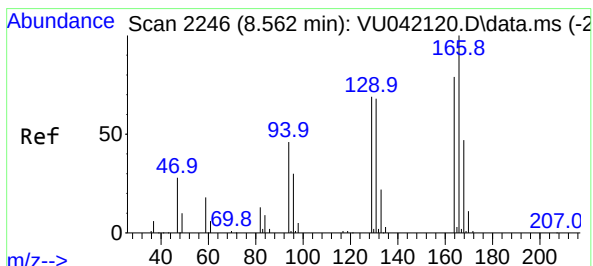
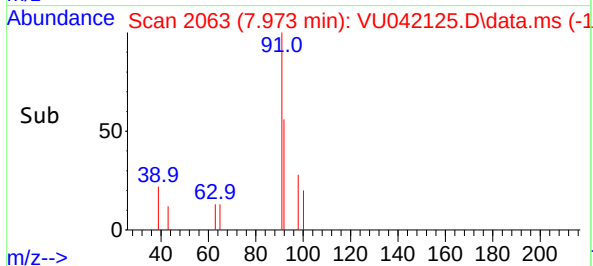
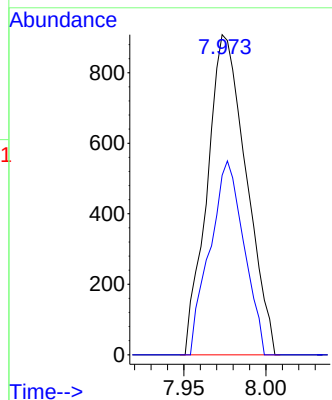
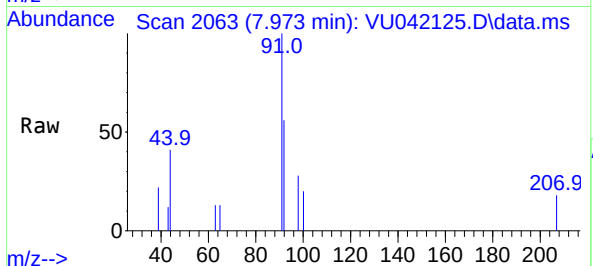




#42
Toluene
Concen: 0.05 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU042125.D
Acq: 20 Jan 2021 23:33

Instrument :
MSVOA_U
ClientSampleId :
F1E23

Tgt Ion: 91 Resp: 1502
Ion Ratio Lower Upper
91 100
92 56.1 41.2 76.6



#47
Tetrachloroethene
Concen: 4.34 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042125.D
Acq: 20 Jan 2021 23:33

Tgt Ion: 164 Resp: 29411
Ion Ratio Lower Upper
164 100
129 85.7 64.3 119.5
131 85.6 62.2 115.6
166 124.1 88.6 164.6

