

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061923\
 Data File : VU054602.D
 Acq On : 19 Jun 2023 17:32
 Operator : MD/SY
 Sample : 03232-02DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 20 05:53:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 17 06:10:25 2023
 Response via : Initial Calibration

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

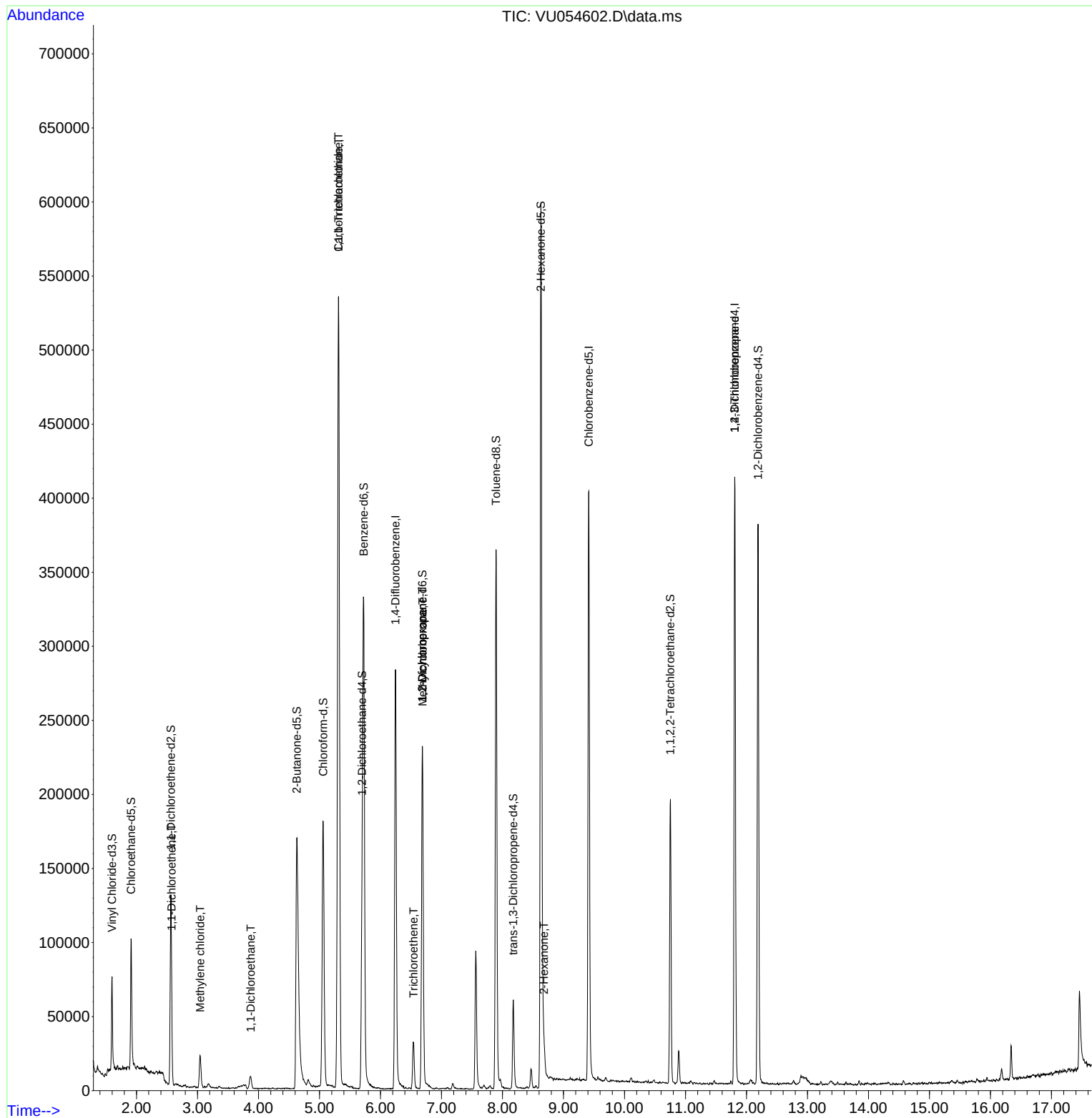
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	231390	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	231049	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	111815	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	47662	3.237	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.800%
7) Chloroethane-d5	1.911	69	68788	4.989	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.800%
11) 1,1-Dichloroethene-d2	2.563	65	24077	3.661	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	4.628	46	296767	71.677	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	143.360%#
24) Chloroform-d	5.058	84	170173	5.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.600%
26) 1,2-Dichloroethane-d4	5.698	65	90293	6.018	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.400%
32) Benzene-d6	5.724	84	311161	4.845	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.685	67	117019	5.456	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.200%
41) Toluene-d8	7.894	98	251031	4.404	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.177	79	35863	4.808	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.631	63	206974	66.141	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	132.280%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	99302	6.208	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	124.200%#
66) 1,2-Dichlorobenzene-d4	12.190	152	102914	5.457	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.200%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	3790	0.226	ug/L #	1
16) Methylene chloride	3.046	84	10859	0.460	ug/L	93
19) 1,1-Dichloroethane	3.872	63	10041	0.280	ug/L	90
29) 1,1,1-Trichloroethane	5.312	97	395285	12.617	ug/L	99
31) Carbon tetrachloride	5.312	117	51342	1.902	ug/L	98
34) Trichloroethene	6.541	95	10810	0.492	ug/L	95
35) Methylcyclohexane	6.689	83	26570	0.801	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	12357	0.550	ug/L #	90
48) 2-Hexanone	8.682	43	8636	0.967	ug/L #	97
61) 1,2,3-Trichloropropane	11.807	75	13979	1.237	ug/L #	70

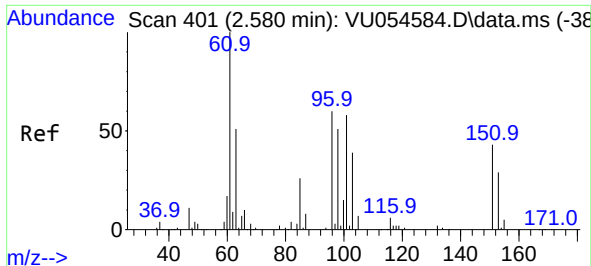
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 17 06:10:25 2023
Response via : Initial Calibration

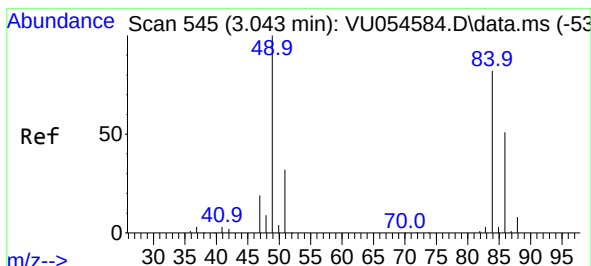
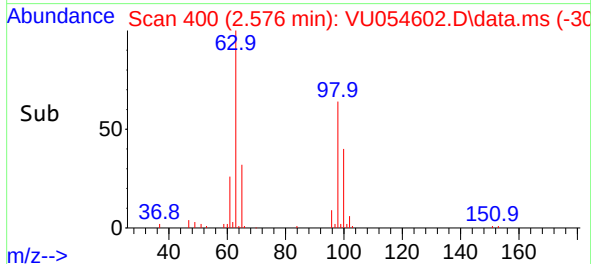
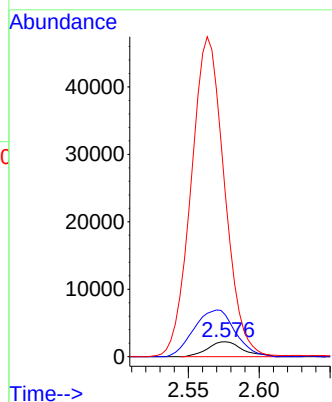
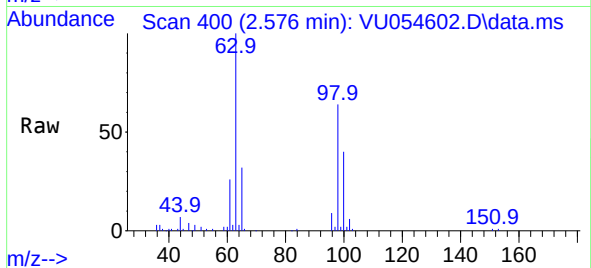




#12
1,1-Dichloroethene
Concen: 0.226 ug/L
RT: 2.576 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU054602.D
Acq: 19 Jun 2023 17:32

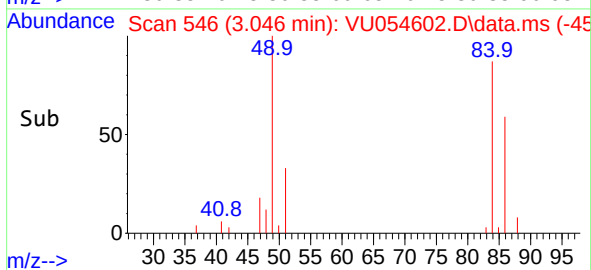
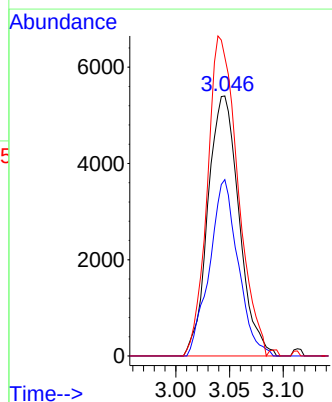
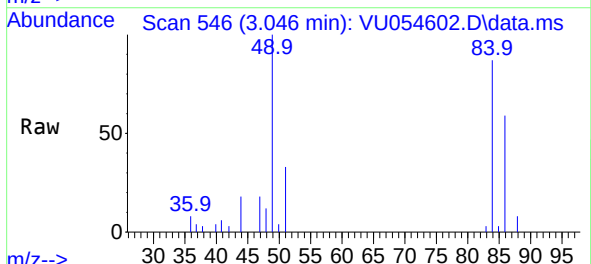
Instrument :
MSVOA_U
ClientSampleId :

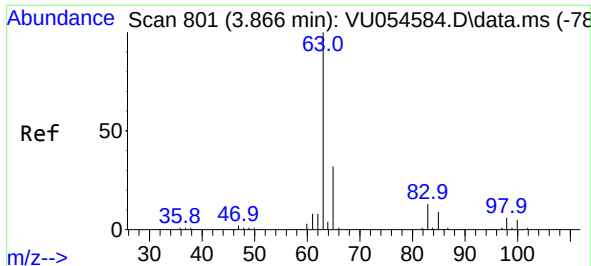
Tgt Ion: 96 Resp: 3790
Ion Ratio Lower Upper
96 100
61 281.5 119.9 222.7#
63 1086.3 64.3 119.3#



#16
Methylene chloride
Concen: 0.460 ug/L
RT: 3.046 min Scan# 546
Delta R.T. 0.003 min
Lab File: VU054602.D
Acq: 19 Jun 2023 17:32

Tgt Ion: 84 Resp: 10859
Ion Ratio Lower Upper
84 100
86 67.8 43.9 81.5
49 114.9 86.1 159.9

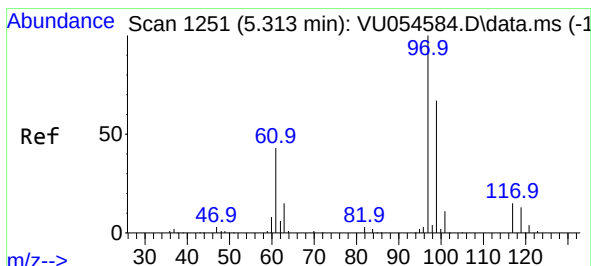
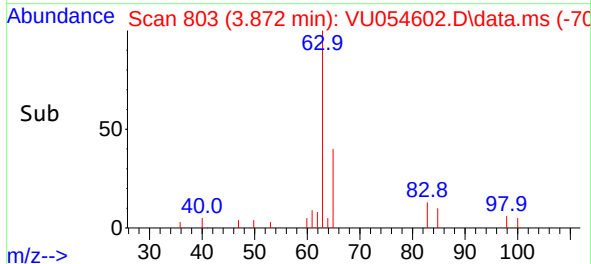
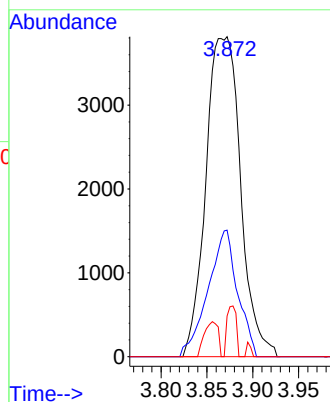
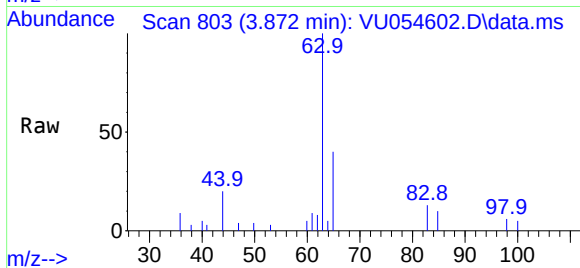




#19
1,1-Dichloroethane
Concen: 0.280 ug/L
RT: 3.872 min Scan# 801
Delta R.T. 0.006 min
Lab File: VU054602.D
Acq: 19 Jun 2023 17:32

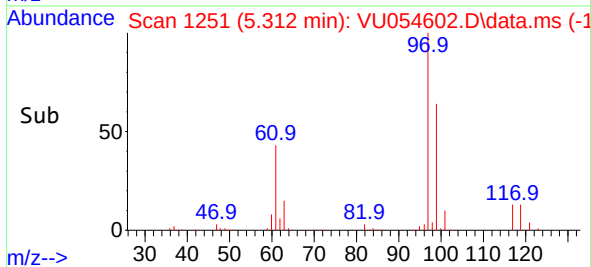
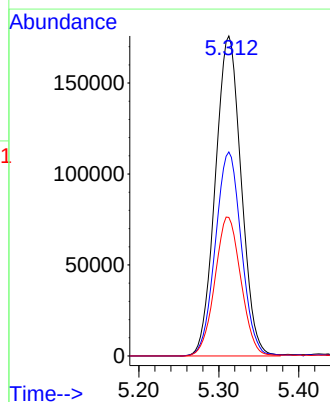
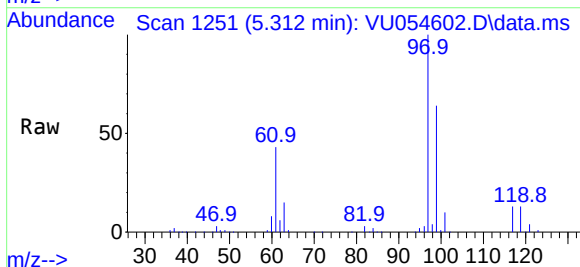
Instrument :
MSVOA_U
ClientSampleId :

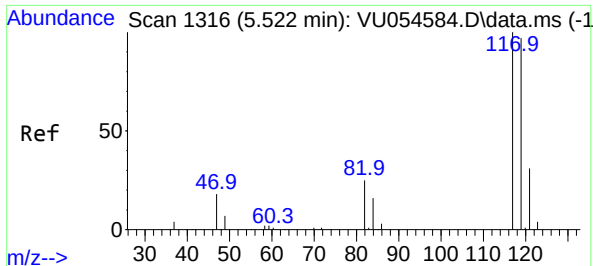
Tgt Ion: 63 Resp: 10041
Ion Ratio Lower Upper
63 100
65 39.5 22.2 41.2
83 12.7 9.0 16.6



#29
1,1,1-Trichloroethane
Concen: 12.617 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VU054602.D
Acq: 19 Jun 2023 17:32

Tgt Ion: 97 Resp: 395285
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 43.8 36.1 54.1

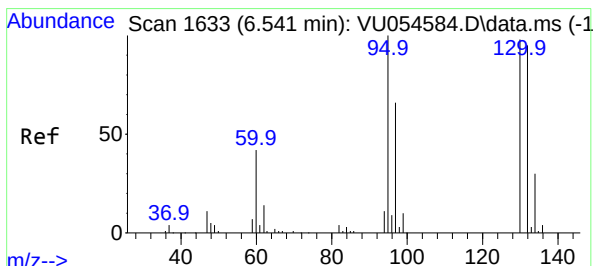
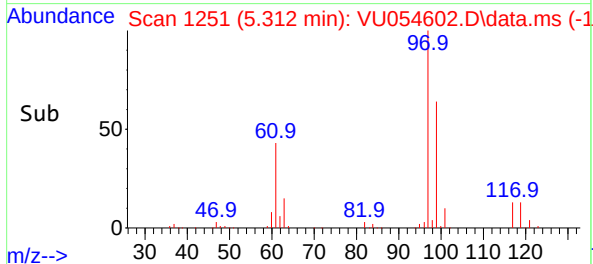
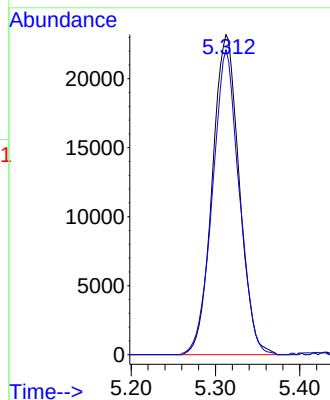
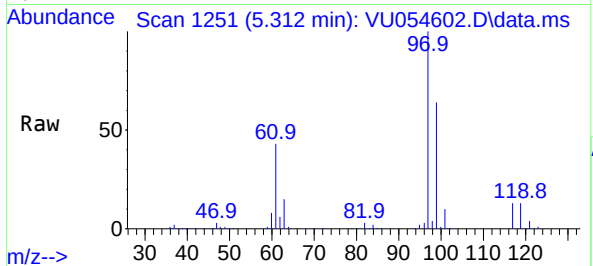




#31
Carbon tetrachloride
Concen: 1.902 ug/L
RT: 5.312 min Scan# 11
Delta R.T. -0.209 min
Lab File: VU054602.D
Acq: 19 Jun 2023 17:32

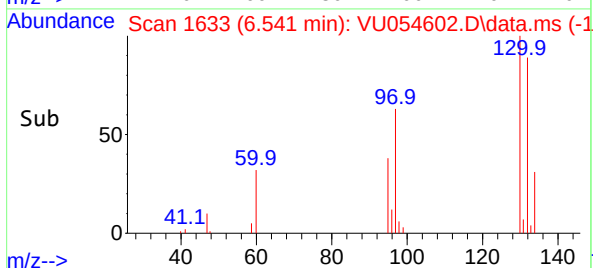
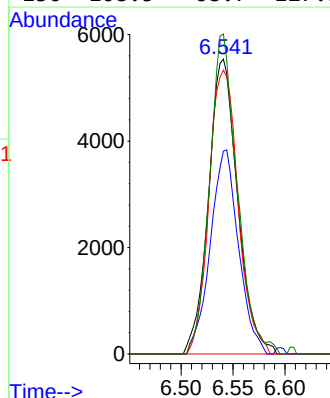
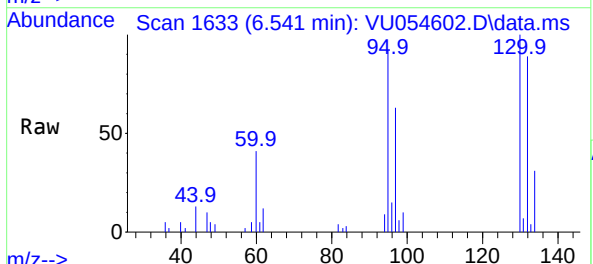
Instrument :
MSVOA_U
ClientSampleId :

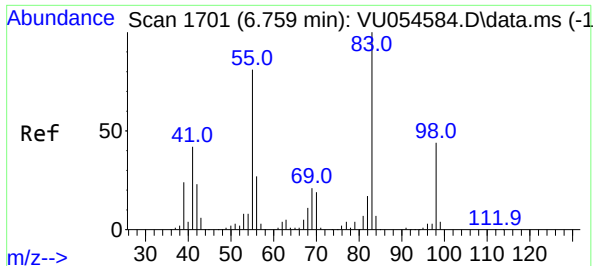
Tgt Ion:117 Resp: 51342
Ion Ratio Lower Upper
117 100
119 94.5 76.8 115.2



#34
Trichloroethene
Concen: 0.492 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU054602.D
Acq: 19 Jun 2023 17:32

Tgt Ion: 95 Resp: 10810
Ion Ratio Lower Upper
95 100
97 68.8 46.8 87.0
132 96.3 68.4 127.0
130 108.5 68.7 127.5

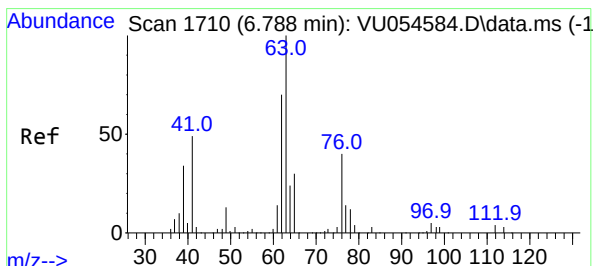
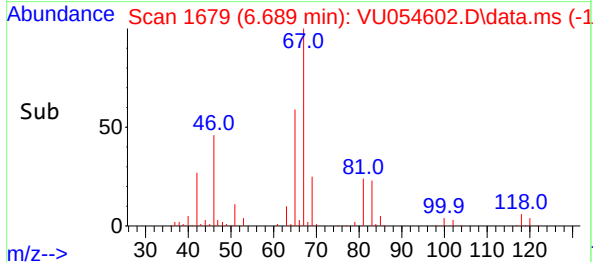
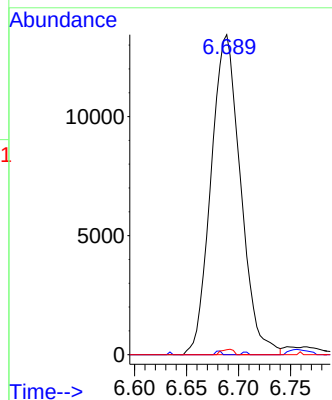
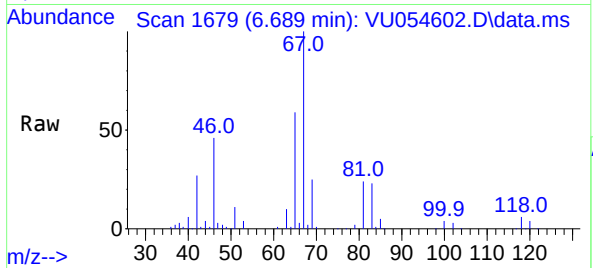




#35
Methylcyclohexane
Concen: 0.801 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU054602.D
Acq: 19 Jun 2023 17:32

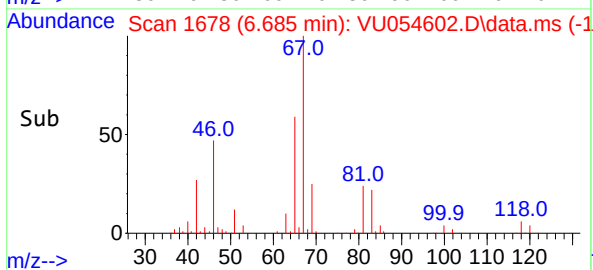
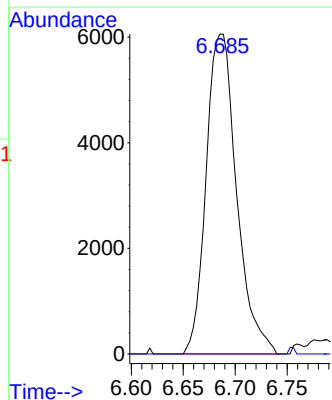
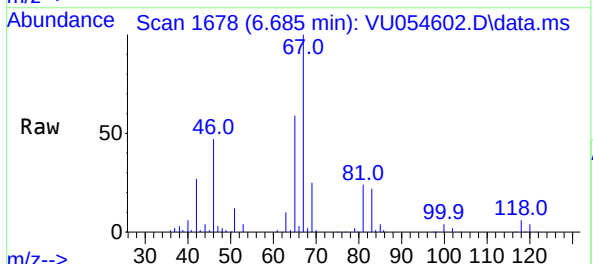
Instrument :
MSVOA_U
ClientSampleId :

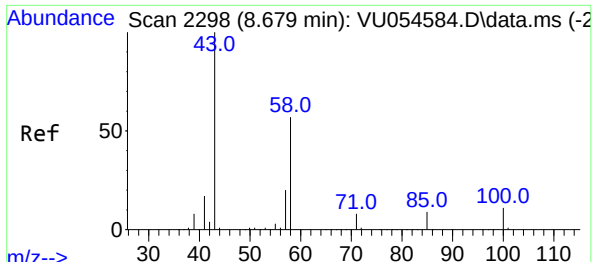
Tgt Ion: 83 Resp: 26570
Ion Ratio Lower Upper
83 100
55 0.2 67.1 100.7#
98 0.7 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.550 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.103 min
Lab File: VU054602.D
Acq: 19 Jun 2023 17:32

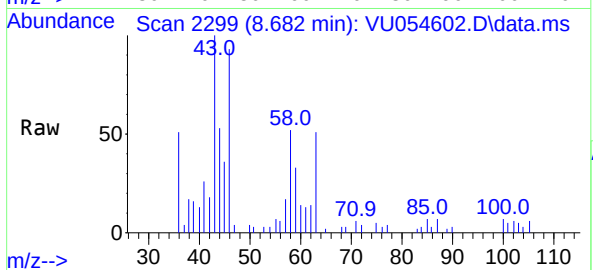
Tgt Ion: 63 Resp: 12357
Ion Ratio Lower Upper
63 100
112 0.4 3.0 4.6#



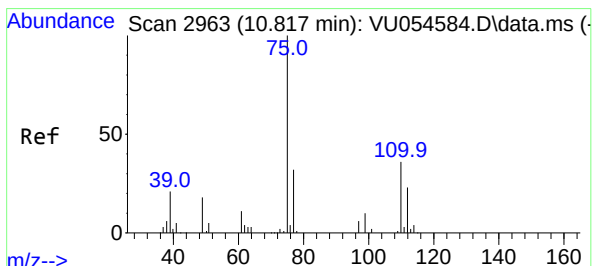
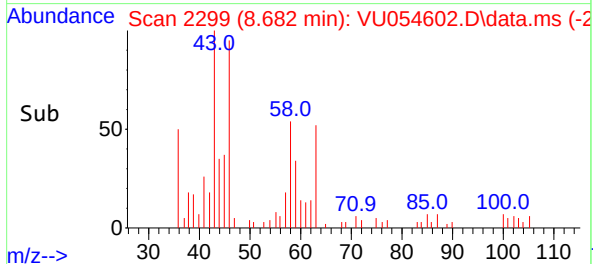
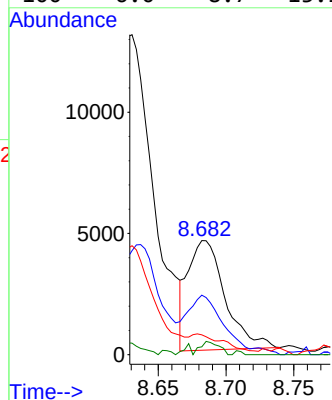


#48
2-Hexanone
Concen: 0.967 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054602.D
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Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 8636
Ion Ratio Lower Upper
43 100
58 56.8 45.2 67.8
57 17.2 15.8 23.6
100 6.0 8.7 13.1#



#61
1,2,3-Trichloropropane
Concen: 1.237 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU054602.D
Acq: 19 Jun 2023 17:32

Tgt Ion: 75 Resp: 13979
Ion Ratio Lower Upper
75 100
110 2.2 28.0 42.0#
77 31.2 25.4 38.2

