

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031122\
 Data File : VU047485.D
 Acq On : 11 Mar 2022 12:27
 Operator : SY/MD
 Sample : N1878-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4688

Quant Time: Mar 12 01:33:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 12 01:28:32 2022
 Response via : Initial Calibration

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

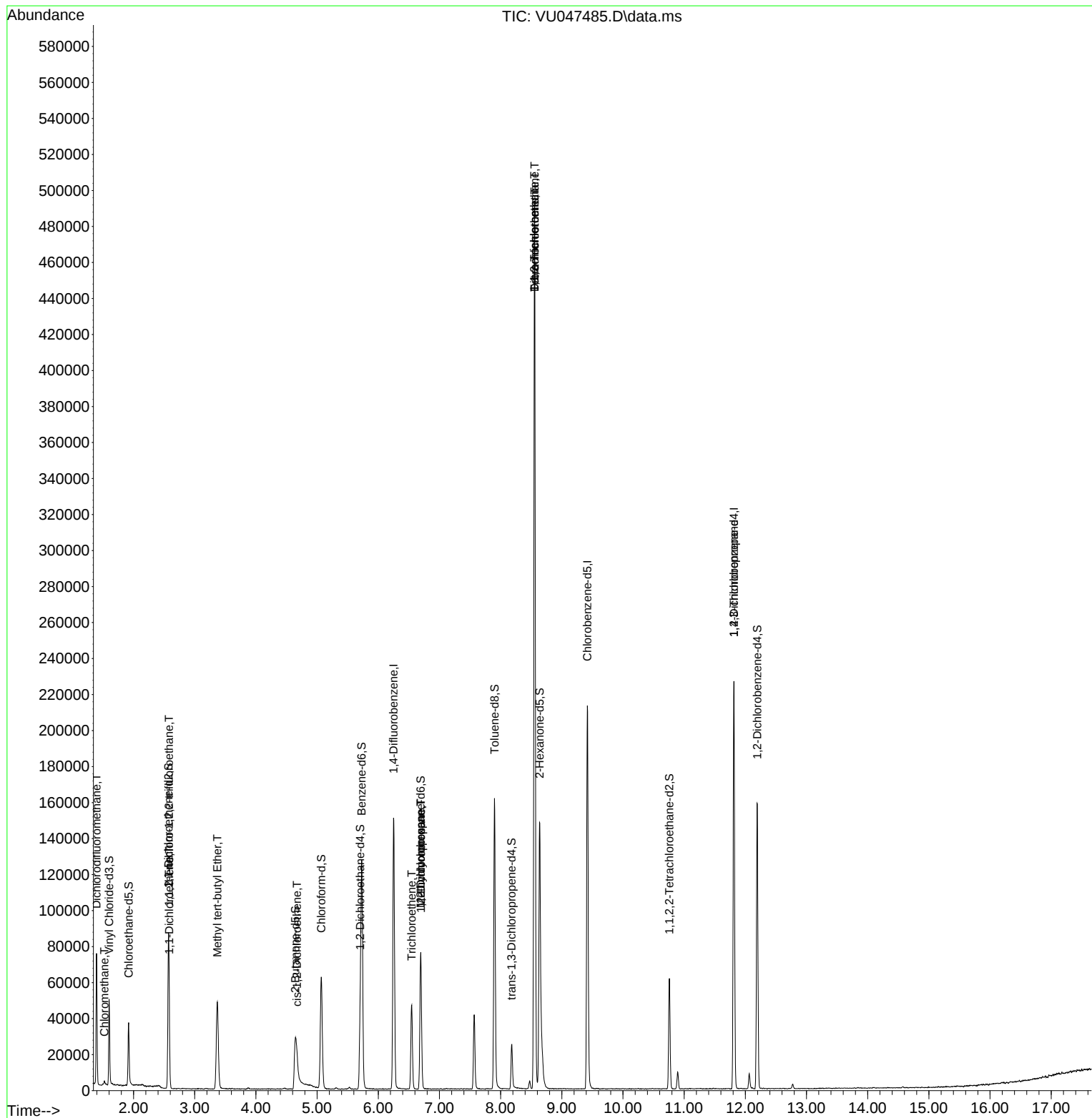
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	128472	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	124802	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	64973	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	34335	4.928	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.600%
7) Chloroethane-d5	1.919	69	26371	5.156	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.200%
11) 1,1-Dichloroethene-d2	2.572	65	15966	5.188	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.800%
20) 2-Butanone-d5	4.646	46	59830	48.229	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.460%
24) Chloroform-d	5.070	84	57771	5.205	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	5.703	65	29832	5.307	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	5.729	84	122444	5.216	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
36) 1,2-Dichloropropane-d6	6.694	67	37008	5.329	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	7.899	98	111995	4.854	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	8.179	79	14691	4.982	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.600%
46) 2-Hexanone-d5	8.639	63	66973	51.561	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.120%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	31219	5.158	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	45045	5.468	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.395	85	1228	0.128	ug/L	89
3) Chloromethane	1.524	50	1289	0.134	ug/L	88
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	812	0.106	ug/L #	35
12) 1,1-Dichloroethene	2.585	96	1225	0.162	ug/L #	1
17) Methyl tert-butyl Ether	3.369	73	55479	2.852	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	3685	0.412	ug/L	96
34) Trichloroethene	6.546	95	15789	1.752	ug/L	98
35) Methylcyclohexane	6.694	83	8510	0.599	ug/L #	20
37) 1,2-Dichloropropane	6.697	63	3964	0.472	ug/L #	88
45) 1,1,2-Trichloroethane	8.552	97	840	0.122	ug/L #	1
47) Tetrachloroethene	8.555	164	113470	14.845	ug/L	99
49) Dibromochloromethane	8.555	129	104897	12.552	ug/L #	12
61) 1,2,3-Trichloropropane	11.813	75	6899	1.146	ug/L #	66

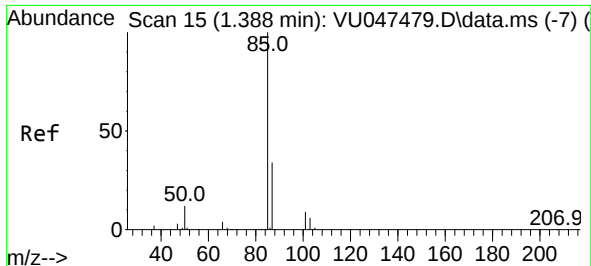
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031122\
Data File : VU047485.D
Acq On : 11 Mar 2022 12:27
Operator : SY/MD
Sample : N1878-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4688

Quant Time: Mar 12 01:33:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Mar 12 01:28:32 2022
Response via : Initial Calibration

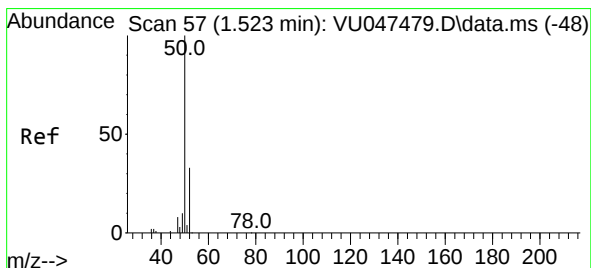
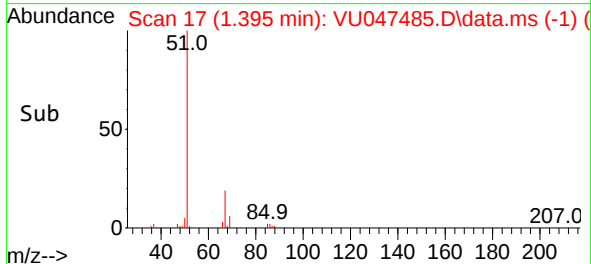
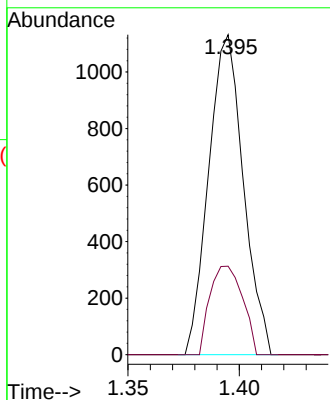
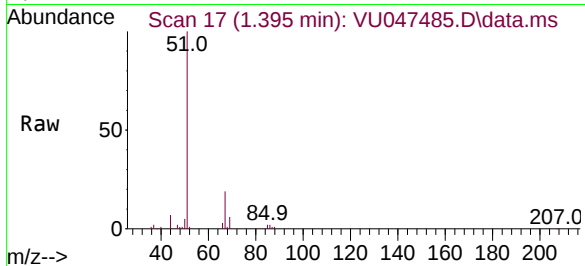




#2
Dichlorodifluoromethane
Concen: 0.128 ug/L
RT: 1.395 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU047485.D
Acq: 11 Mar 2022 12:27

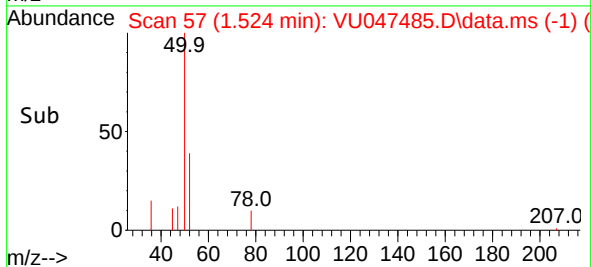
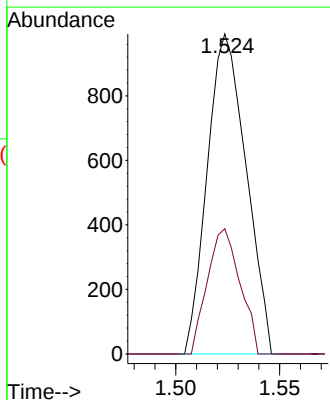
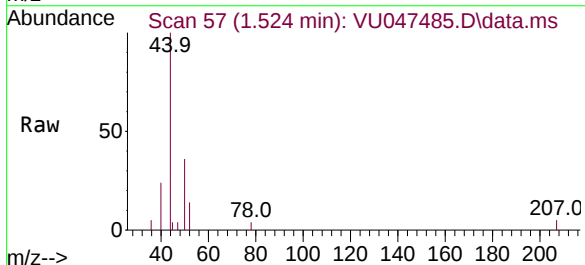
Instrument :
MSVOA_U
ClientSampleId :
H4688

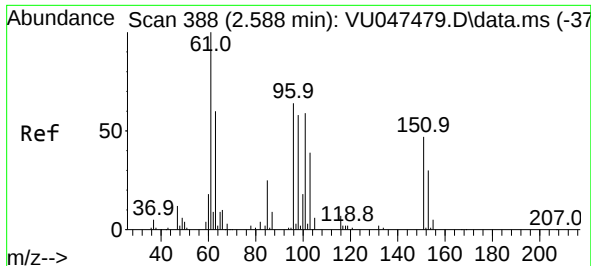
Tgt Ion: 85 Resp: 1228
Ion Ratio Lower Upper
85 100
87 26.0 25.6 38.4



#3
Chloromethane
Concen: 0.134 ug/L
RT: 1.524 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU047485.D
Acq: 11 Mar 2022 12:27

Tgt Ion: 50 Resp: 1289
Ion Ratio Lower Upper
50 100
52 39.1 22.5 41.9

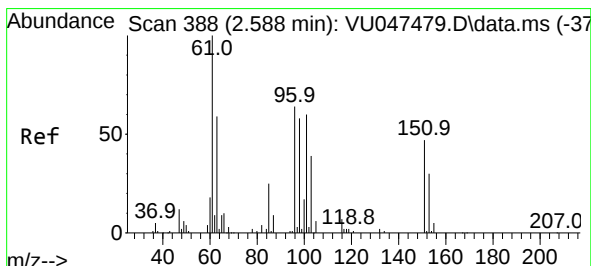
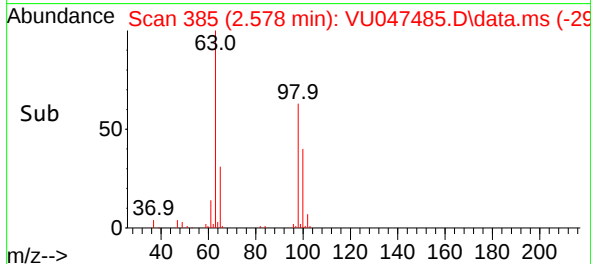
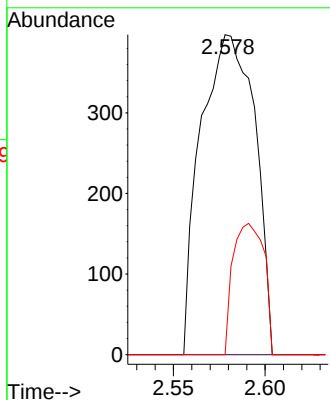
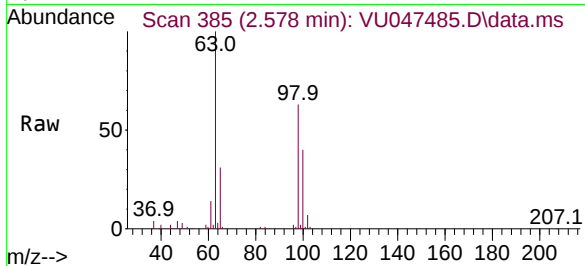




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.106 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.010 min
 Lab File: VU047485.D
 Acq: 11 Mar 2022 12:27

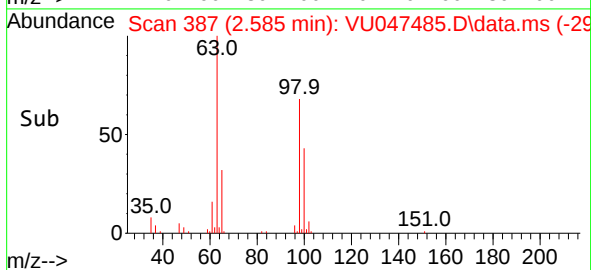
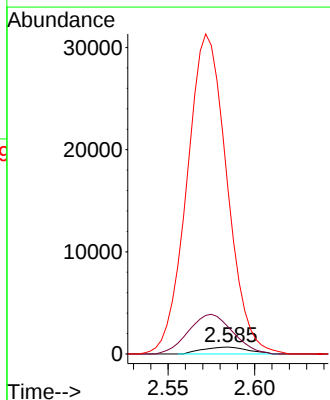
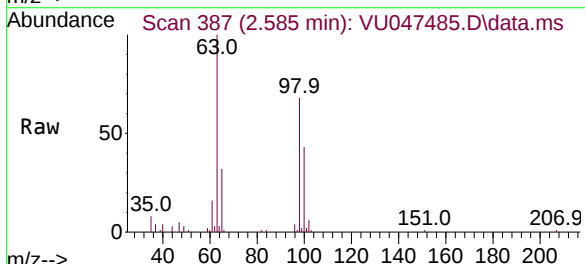
Instrument :
 MSVOA_U
 ClientSampleId :
 H4688

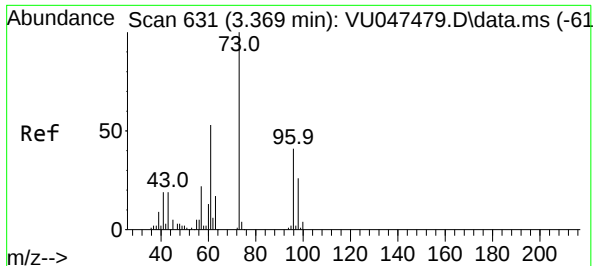
Tgt Ion:101 Resp: 812
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.8 50.6#
 151 23.5 64.8 97.2#



#12
 1,1-Dichloroethene
 Concen: 0.162 ug/L
 RT: 2.585 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU047485.D
 Acq: 11 Mar 2022 12:27

Tgt Ion: 96 Resp: 1225
 Ion Ratio Lower Upper
 96 100
 61 396.0 108.8 202.0#
 63 2403.9 64.0 119.0#

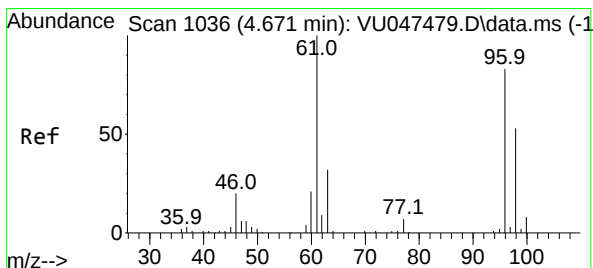
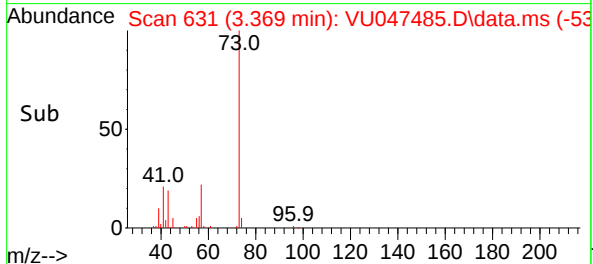
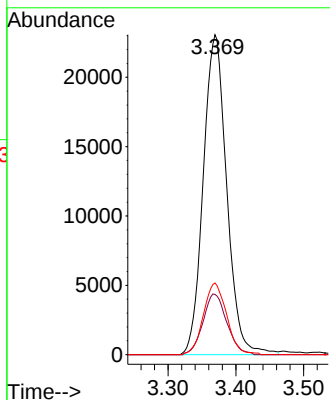
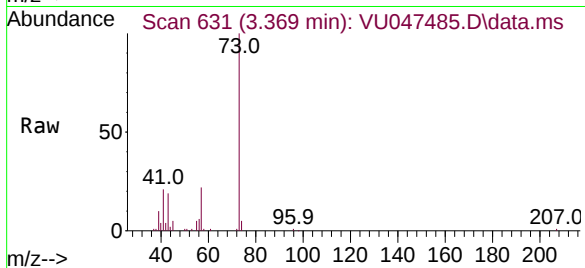




#17
Methyl tert-butyl Ether
Concen: 2.852 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047485.D
Acq: 11 Mar 2022 12:27

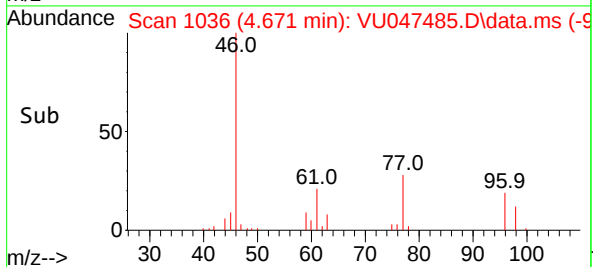
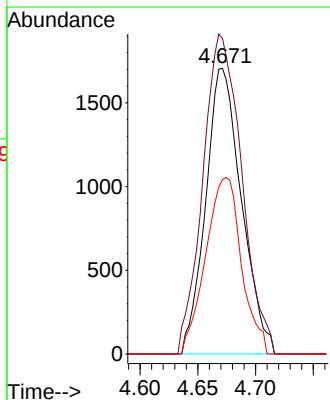
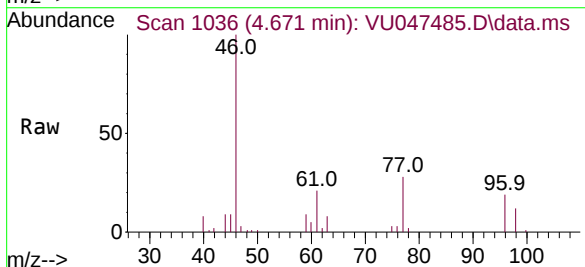
Instrument :
MSVOA_U
ClientSampleId :
H4688

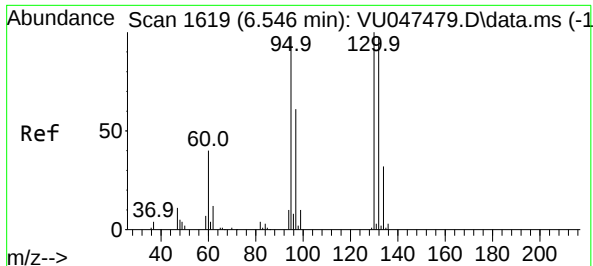
Tgt Ion: 73	Resp: 55479
Ion Ratio	Lower Upper
73	100
43	19.3 14.6 22.0
57	22.2 16.5 24.7



#22
cis-1,2-Dichloroethene
Concen: 0.412 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047485.D
Acq: 11 Mar 2022 12:27

Tgt Ion: 96	Resp: 3685
Ion Ratio	Lower Upper
96	100
61	110.4 80.8 150.0
98	61.1 44.7 83.1

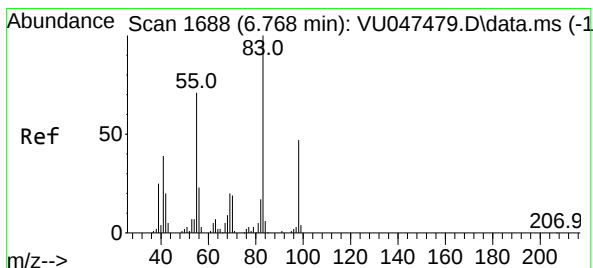
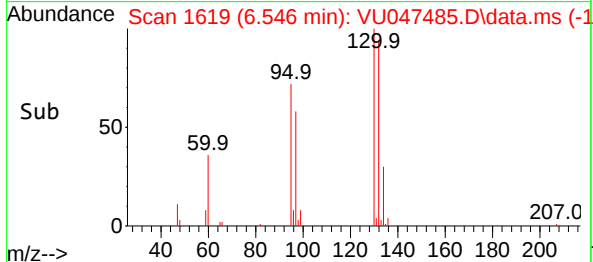
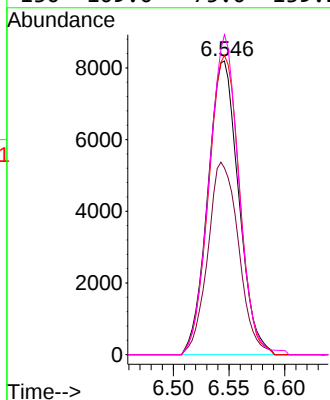
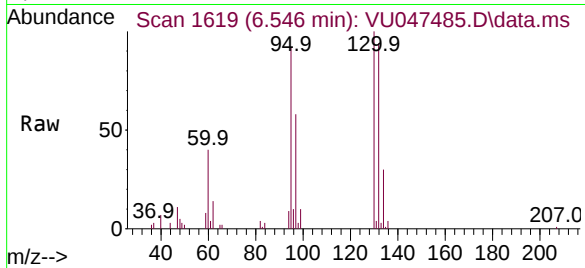




#34
Trichloroethene
Concen: 1.752 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047485.D
Acq: 11 Mar 2022 12:27

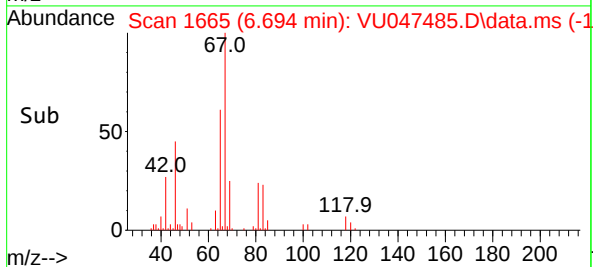
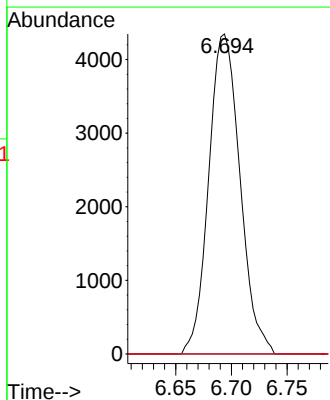
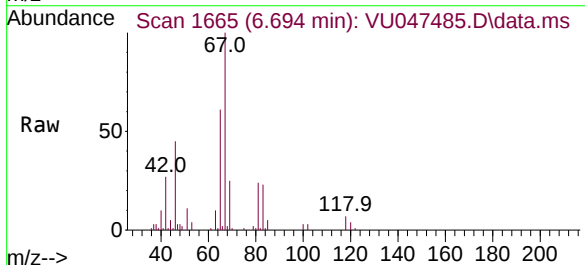
Instrument :
MSVOA_U
ClientSampleId :
H4688

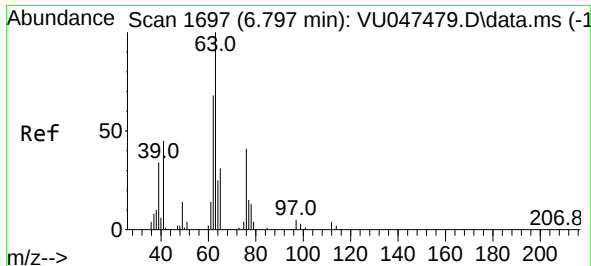
Tgt Ion:	95	Resp:	15789
Ion	Ratio	Lower	Upper
95	100		
97	63.6	46.3	85.9
132	101.9	71.7	133.1
130	109.0	75.0	139.2



#35
Methylcyclohexane
Concen: 0.599 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047485.D
Acq: 11 Mar 2022 12:27

Tgt Ion:	83	Resp:	8510
Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.8#
98	1.2	38.0	57.0#

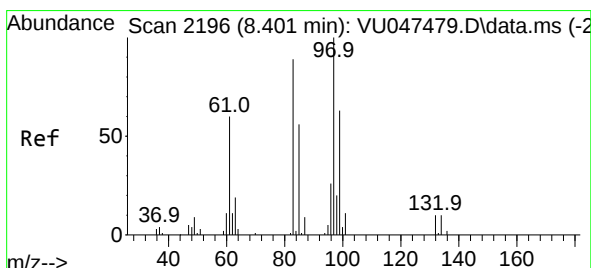
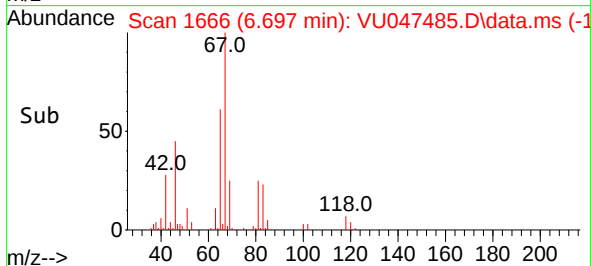
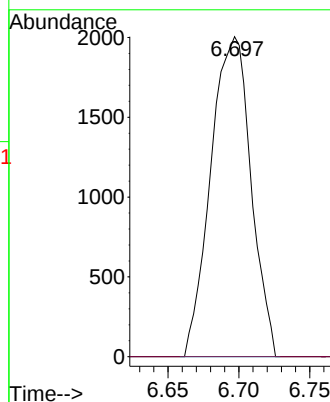
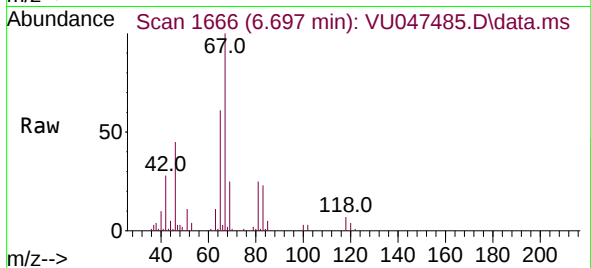




#37
1,2-Dichloropropane
Concen: 0.472 ug/L
RT: 6.697 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU047485.D
Acq: 11 Mar 2022 12:27

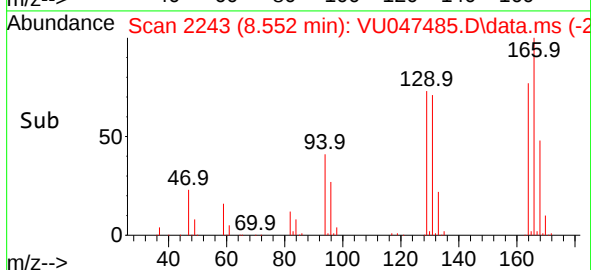
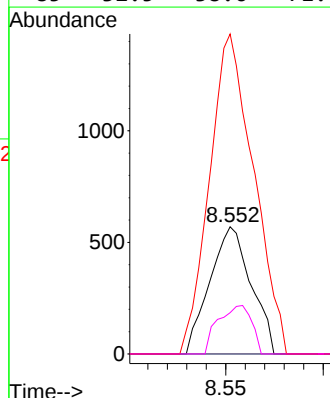
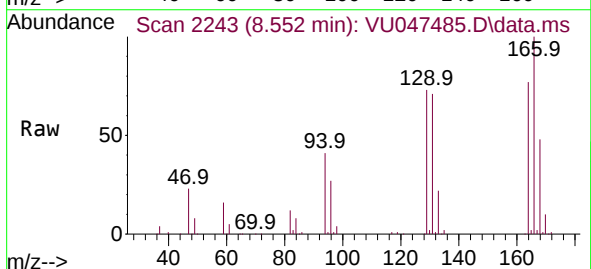
Instrument :
MSVOA_U
ClientSampleId :
H4688

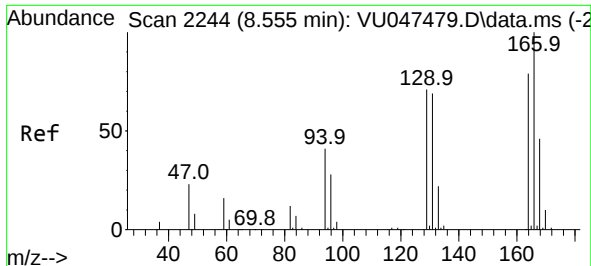
Tgt Ion: 63 Resp: 3964
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#45
1,1,2-Trichloroethane
Concen: 0.122 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.151 min
Lab File: VU047485.D
Acq: 11 Mar 2022 12:27

Tgt Ion: 97 Resp: 840
Ion Ratio Lower Upper
97 100
99 0.0 43.3 80.5#
83 251.6 59.1 109.9#
85 32.5 38.6 71.6#

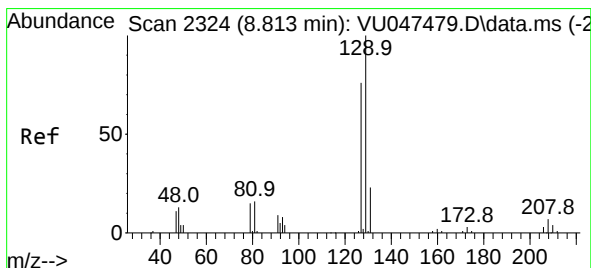
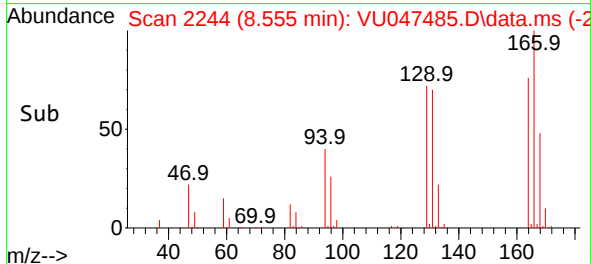
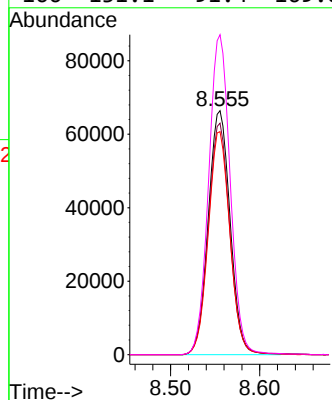
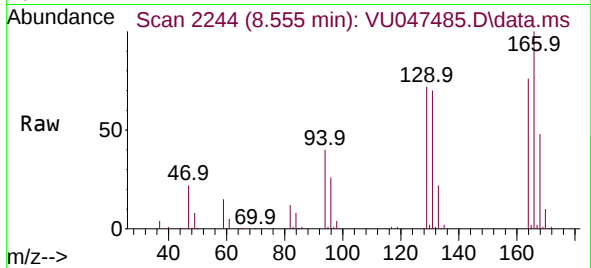




#47
Tetrachloroethene
Concen: 14.845 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047485.D
Acq: 11 Mar 2022 12:27

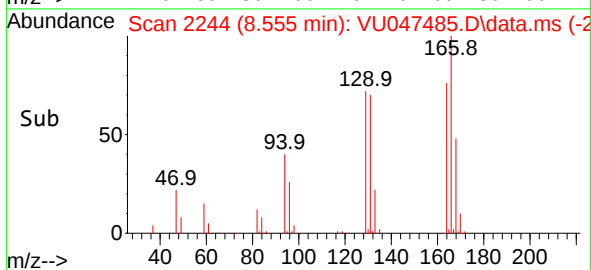
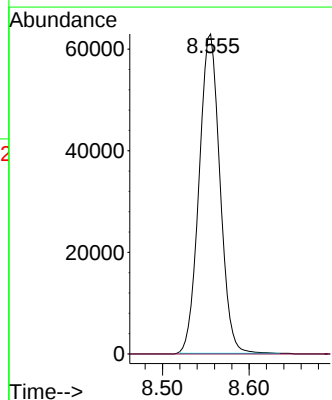
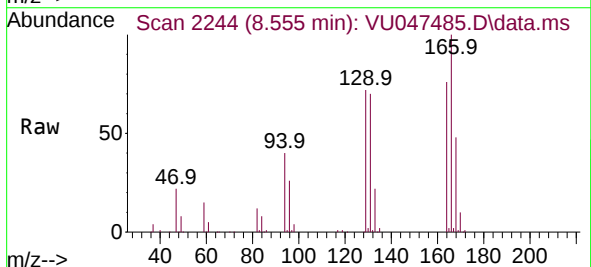
Instrument :
MSVOA_U
ClientSampleId :
H4688

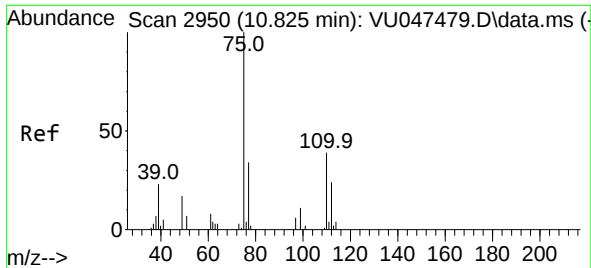
Tgt Ion:164 Resp: 113470
Ion Ratio Lower Upper
164 100
129 94.8 64.9 120.5
131 91.4 63.6 118.2
166 131.1 91.4 169.8



#49
Dibromochloromethane
Concen: 12.552 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU047485.D
Acq: 11 Mar 2022 12:27

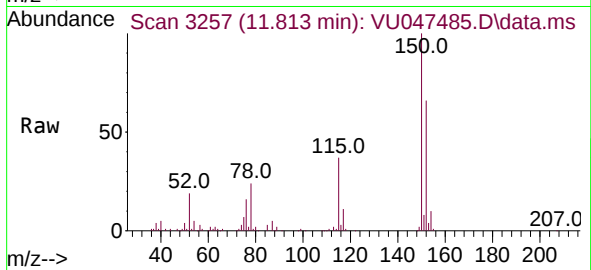
Tgt Ion:129 Resp: 104897
Ion Ratio Lower Upper
129 100
127 0.0 52.6 97.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.146 ug/L
 RT: 11.813 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU047485.D
 Acq: 11 Mar 2022 12:27

Instrument :
 MSVOA_U
 ClientSampleId :
 H4688



Tgt Ion: 75 Resp: 6899
 Ion Ratio Lower Upper
 75 100
 110 0.9 31.0 46.4#
 77 32.4 26.2 39.4

