

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)

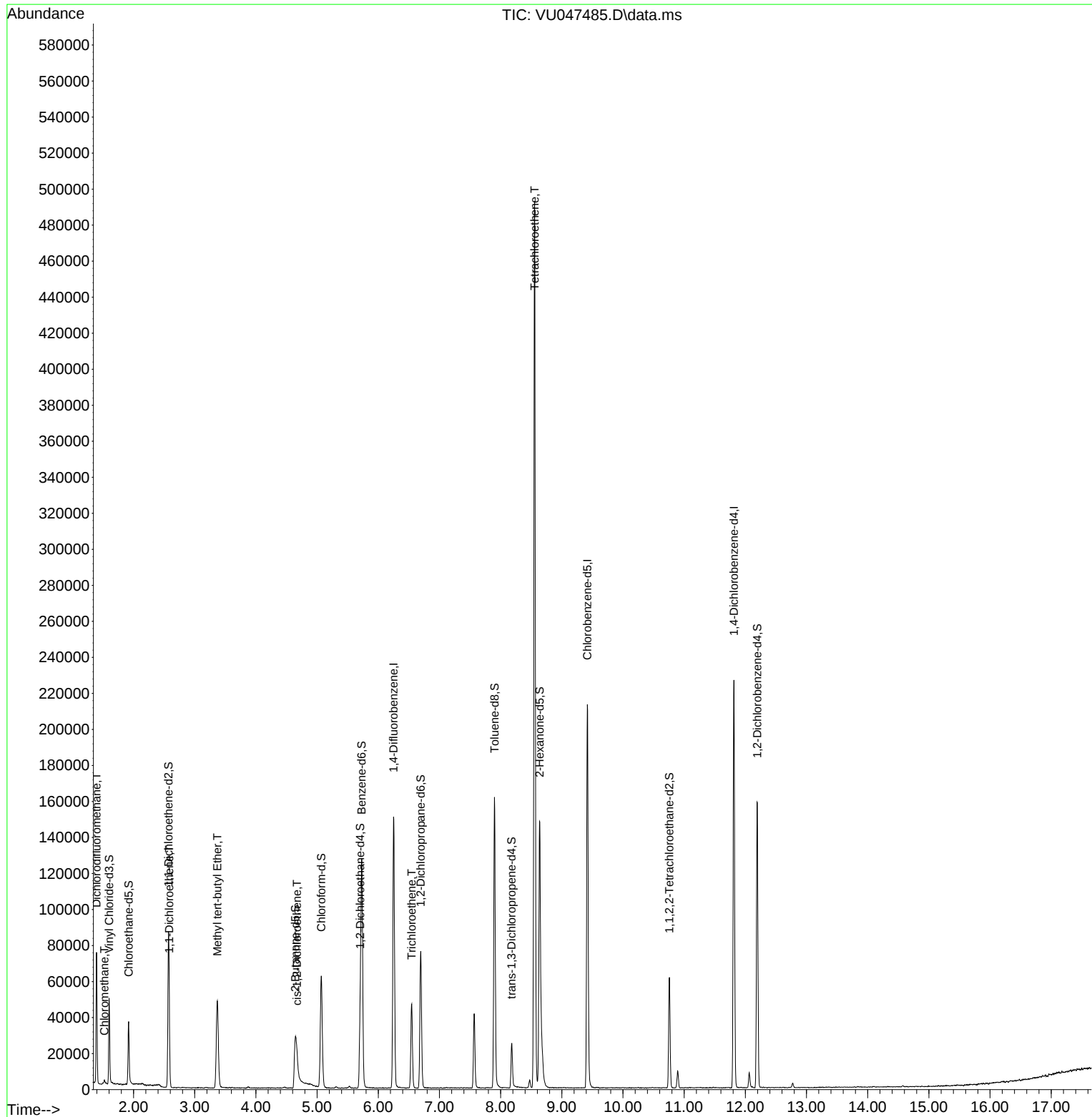
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	128472	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	124802	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	64973	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	34335	4.928	ug/L	0.00
Spiked Amount	5.000	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
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
47) Tetrachloroethene	8.555	164	113470	14.845	ug/L	99

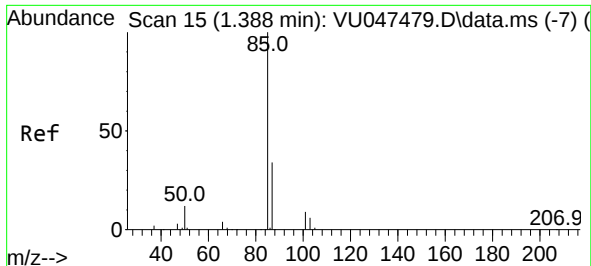
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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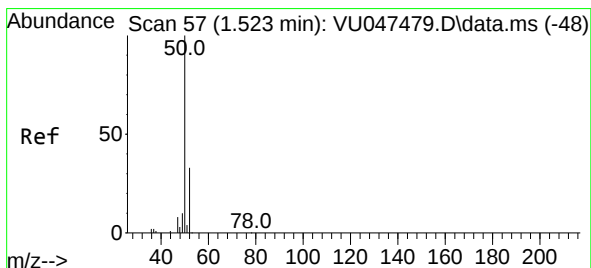
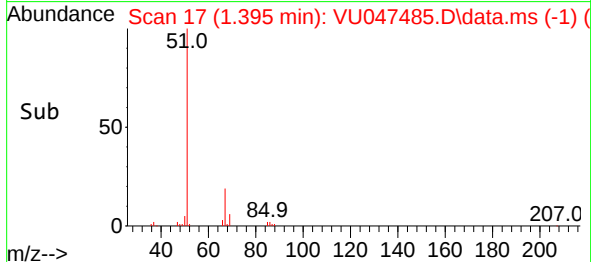
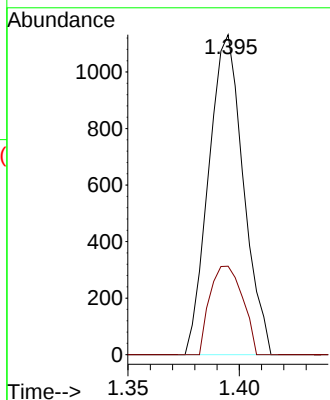
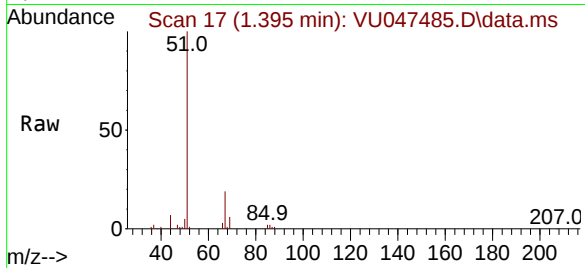




#2
Dichlorodifluoromethane
Concen: 0.128 ug/L
RT: 1.395 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU047485.D
Acq: 11 Mar 2022 12:27

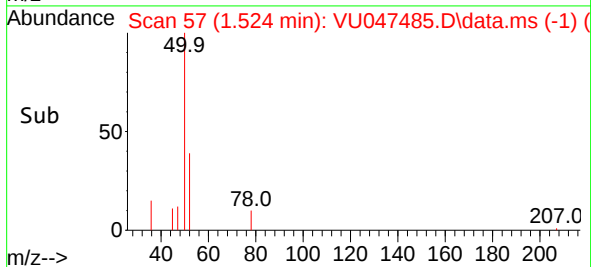
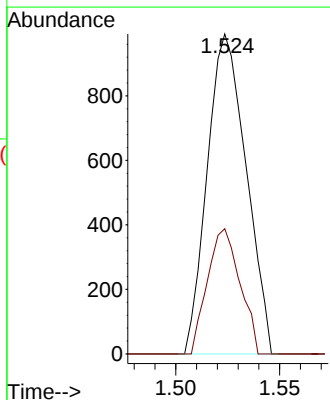
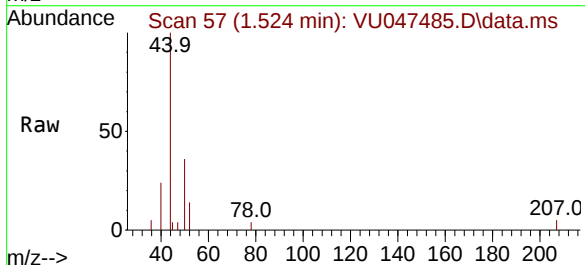
Instrument :
MSVOA_U
ClientSampleId :
H4688

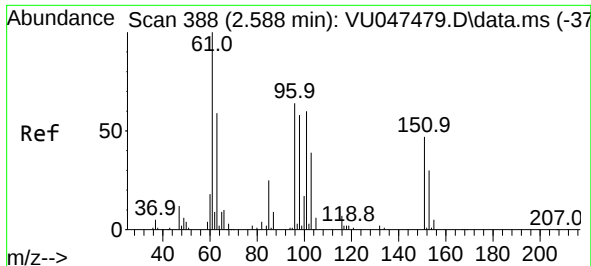
Tgt Ion: 85 Resp: 1228
Ion Ratio Lower Upper
85 100
87 26.0 25.6 38.4



#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





#12

1,1-Dichloroethene

Concen: 0.162 ug/L

RT: 2.585 min Scan# 388

Delta R.T. -0.003 min

Lab File: VU047485.D

Acq: 11 Mar 2022 12:27

Instrument :

MSVOA_U

ClientSampleId :

H4688

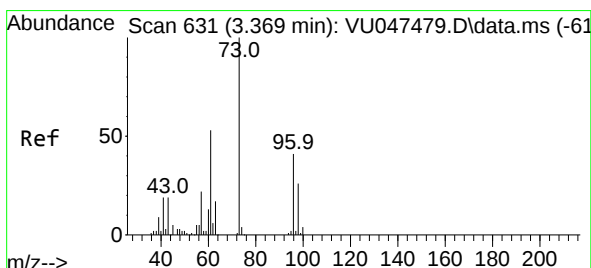
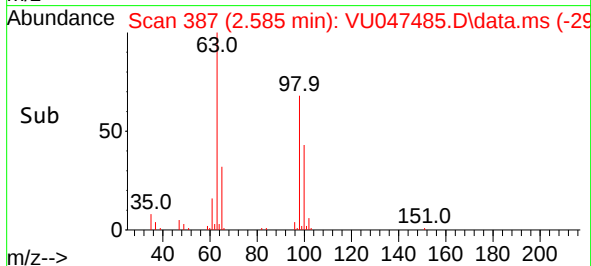
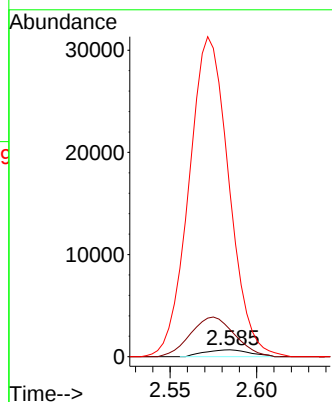
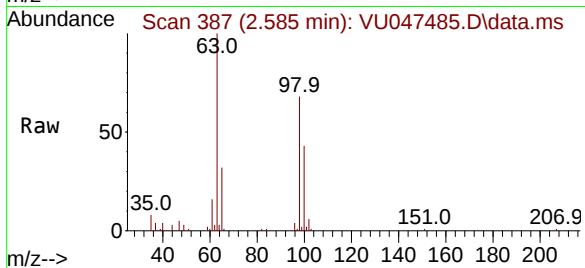
Tgt Ion: 96 Resp: 1225

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# 631

Delta R.T. 0.000 min

Lab File: VU047485.D

Acq: 11 Mar 2022 12:27

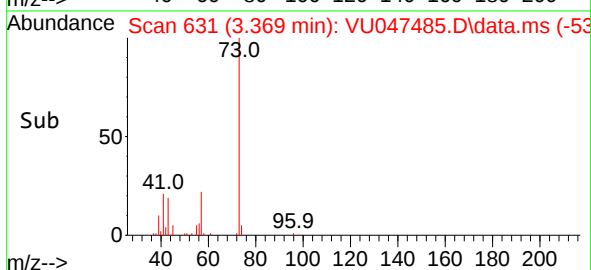
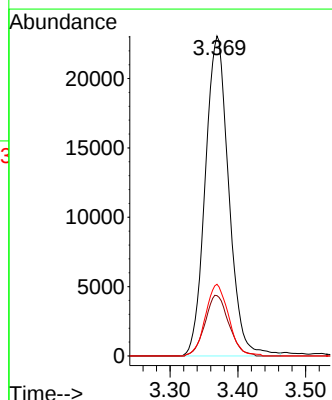
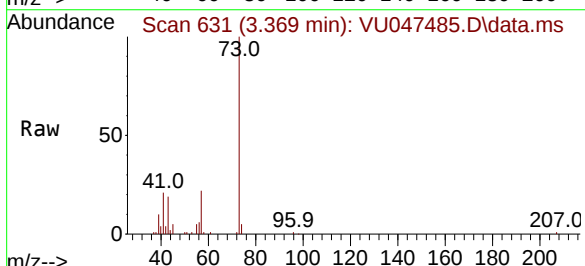
Tgt Ion: 73 Resp: 55479

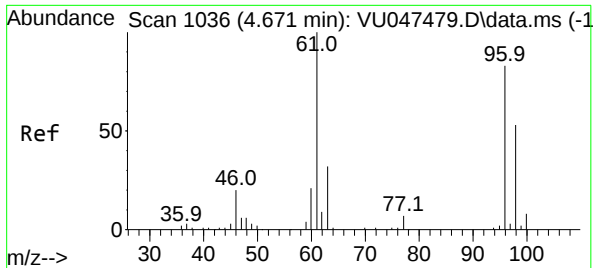
Ion Ratio Lower Upper

73 100

43 19.3 14.6 22.0

57 22.2 16.5 24.7

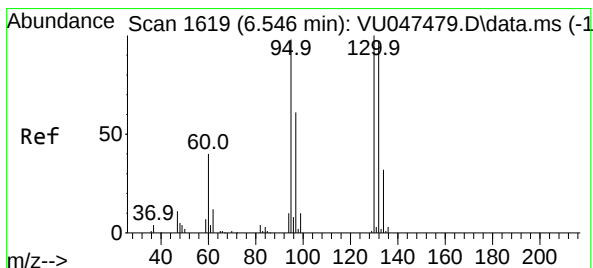
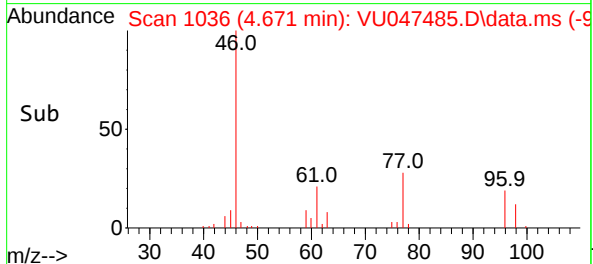
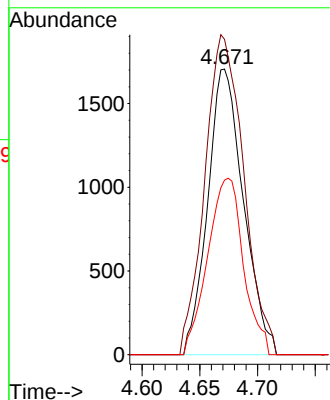
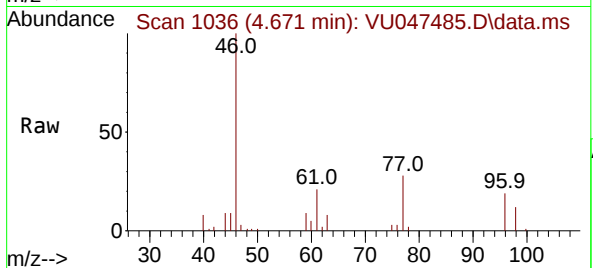




#22
 cis-1,2-Dichloroethene
 Concen: 0.412 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU047485.D
 Acq: 11 Mar 2022 12:27

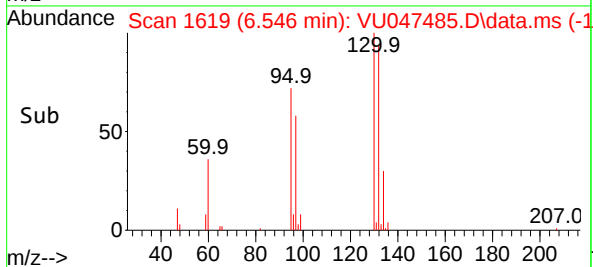
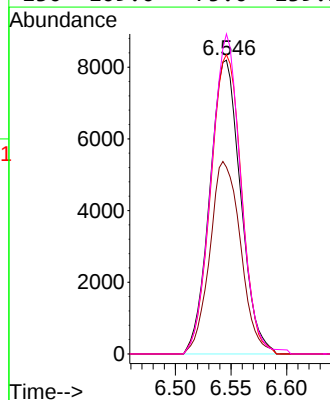
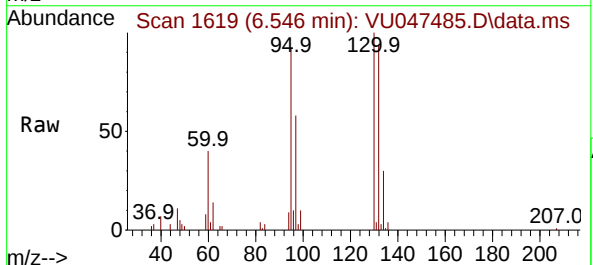
Instrument :
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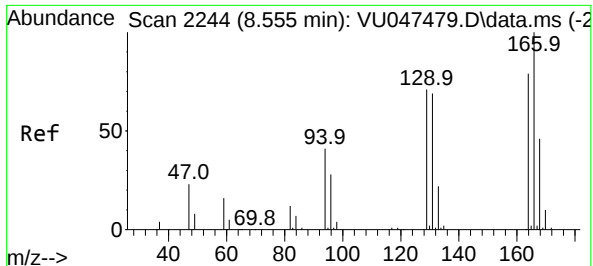
Tgt Ion:	96	Resp:	3685
Ion	Ratio	Lower	Upper
96	100		
61	110.4	80.8	150.0
98	61.1	44.7	83.1



#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

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





#47
 Tetrachloroethene
 Concen: 14.845 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU047485.D
 Acq: 11 Mar 2022 12:27

Instrument :
 MSVOA_U
 ClientSampleId :
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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

