

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047413.D
 Acq On : 09 Mar 2022 18:45
 Operator : SY/MD
 Sample : N1840-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY22

Quant Time: Mar 10 01:06:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 00:51:00 2022
 Response via : Initial Calibration

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

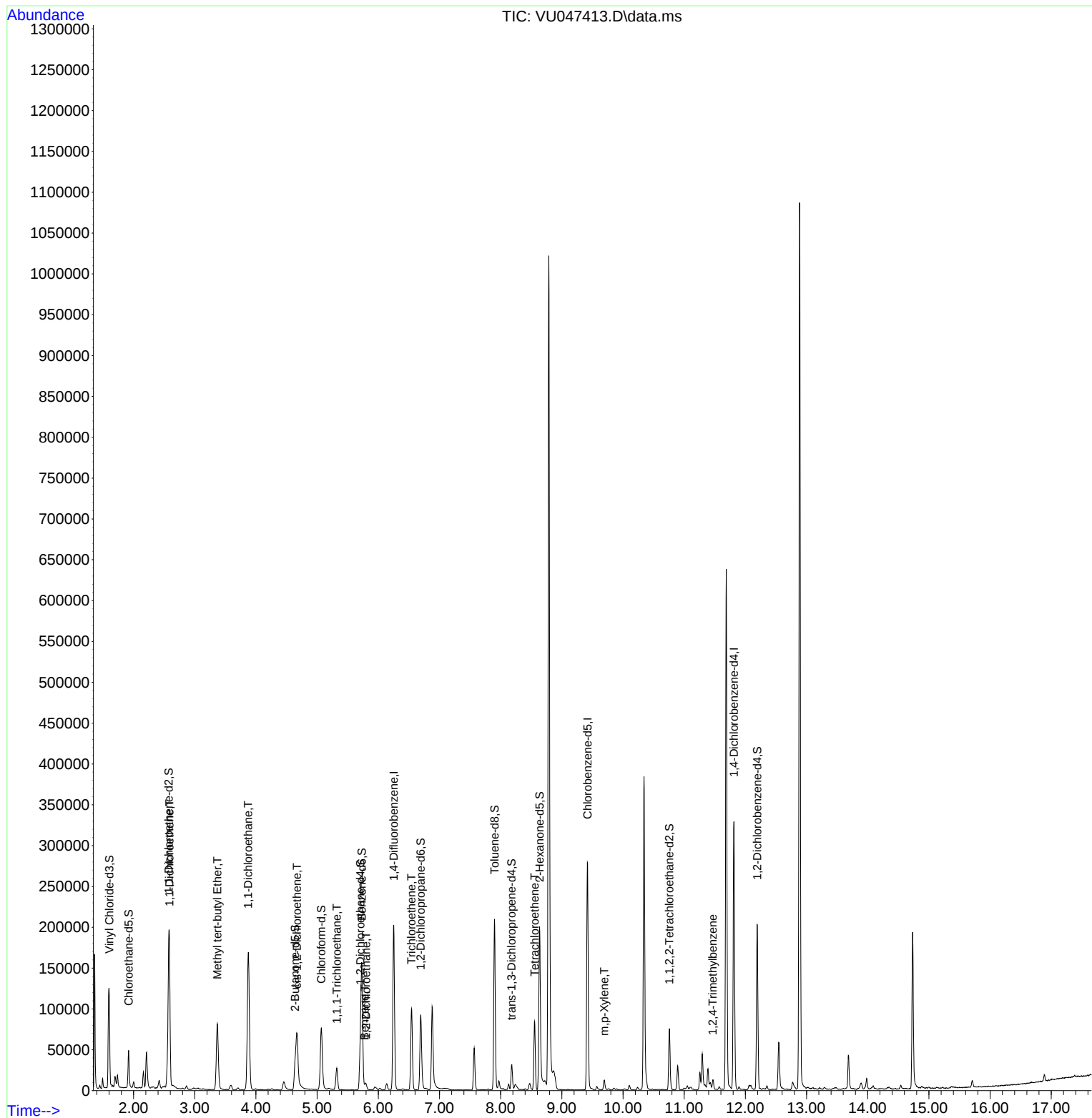
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	171439	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	162839	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	91218	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	44878	4.827	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.600%
7) Chloroethane-d5	1.919	69	32482	4.759	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.575	65	20333	4.951	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.000%
20) 2-Butanone-d5	4.642	46	81073	48.974	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.940%
24) Chloroform-d	5.070	84	69814	4.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.706	65	35646	4.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.732	84	150888	4.926	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.694	67	44934	4.959	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.899	98	144000	4.783	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	8.179	79	18022	4.684	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.636	63	78569	46.360	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.720%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37121	4.701	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	55053	4.760	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.588	96	44227	4.394	ug/L	94
17) Methyl tert-butyl Ether	3.369	73	93503	3.602	ug/L	97
19) 1,1-Dichloroethane	3.874	63	196101	10.699	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	27761	2.325	ug/L	95
27) 1,2-Dichloroethane	5.800	62	6017	0.471	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	18821	1.119	ug/L	99
33) Benzene	5.777	78	3386	0.077	ug/L	100
34) Trichloroethene	6.542	95	32021	2.724	ug/L	95
47) Tetrachloroethene	8.555	164	20263	2.032	ug/L	93
53) m,p-Xylene	9.693	106	3748	0.185	ug/L	93
63) 1,2,4-Trimethylbenzene	11.468	105	4371	0.101	ug/L	90

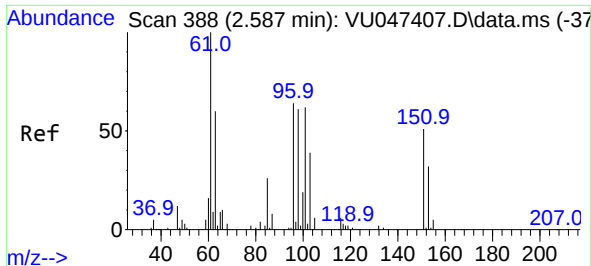
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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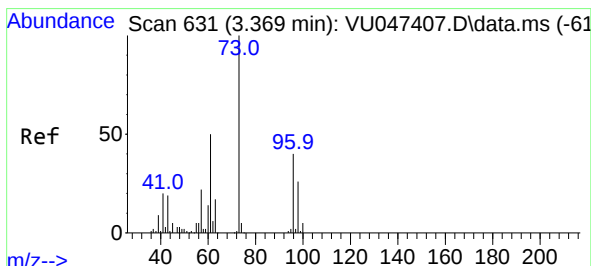
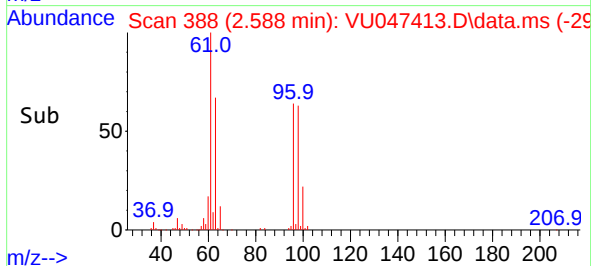
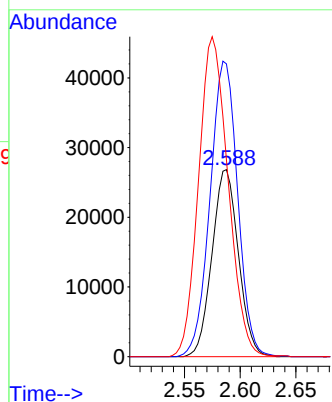
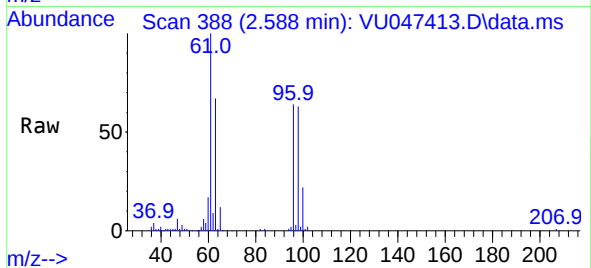




#12
1,1-Dichloroethene
Concen: 4.394 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU047413.D
Acq: 09 Mar 2022 18:45

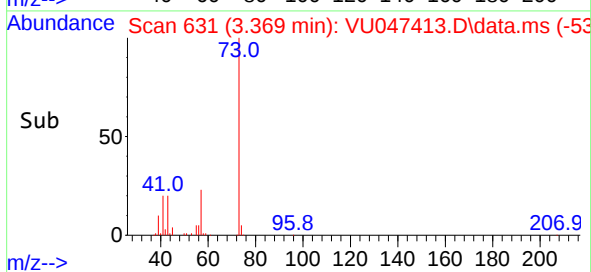
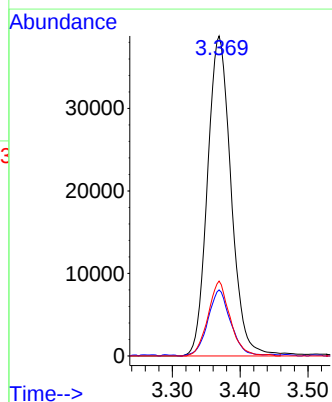
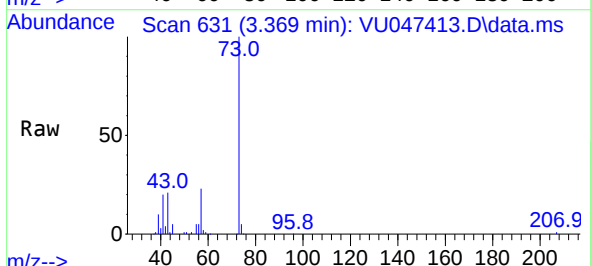
Instrument :
MSVOA_U
ClientSampleId :
BFY22

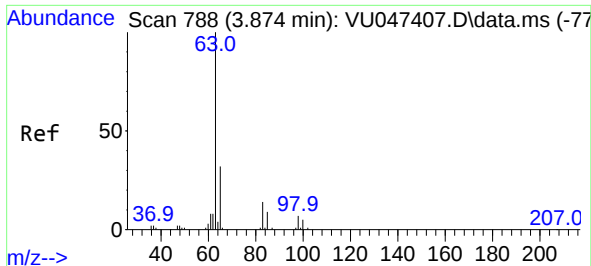
Tgt Ion: 96 Resp: 44227
Ion Ratio Lower Upper
96 100
61 156.5 108.8 202.0
63 105.2 64.0 119.0



#17
Methyl tert-butyl Ether
Concen: 3.602 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.000 min
Lab File: VU047413.D
Acq: 09 Mar 2022 18:45

Tgt Ion: 73 Resp: 93503
Ion Ratio Lower Upper
73 100
43 20.0 14.6 22.0
57 21.8 16.5 24.7

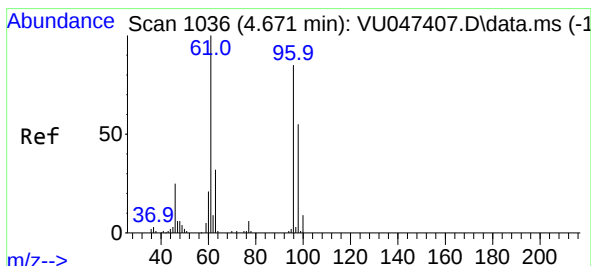
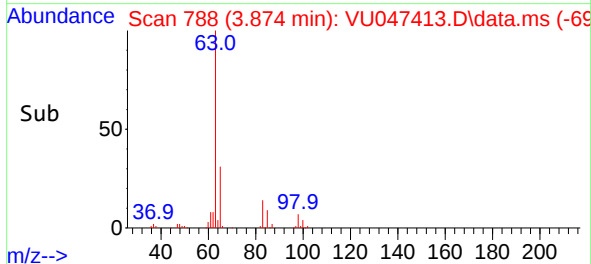
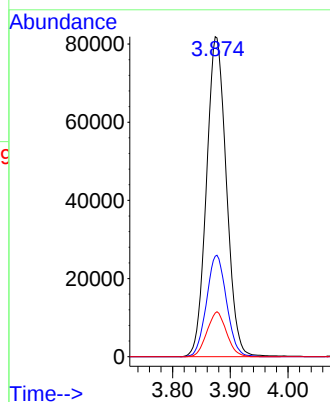
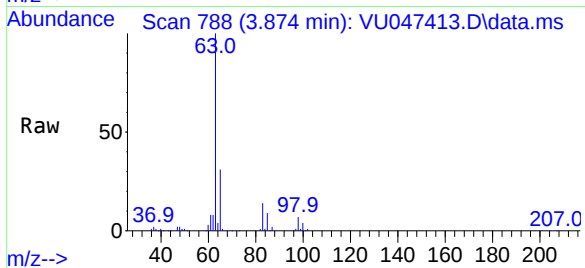




#19
1,1-Dichloroethane
Concen: 10.699 ug/L
RT: 3.874 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU047413.D
Acq: 09 Mar 2022 18:45

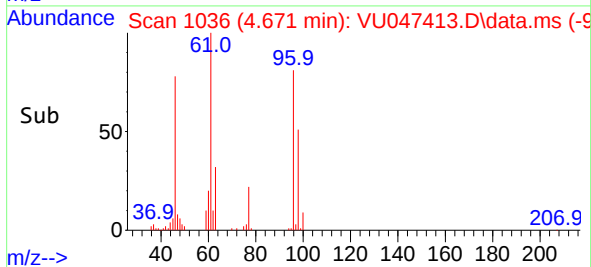
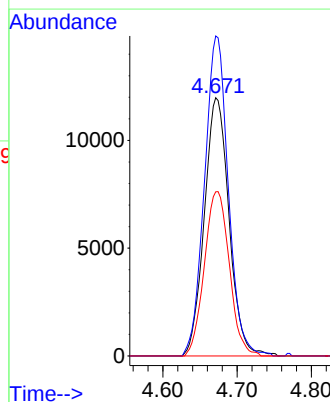
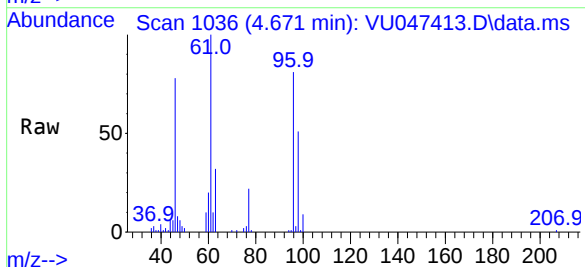
Instrument :
MSVOA_U
ClientSampleId :
BFY22

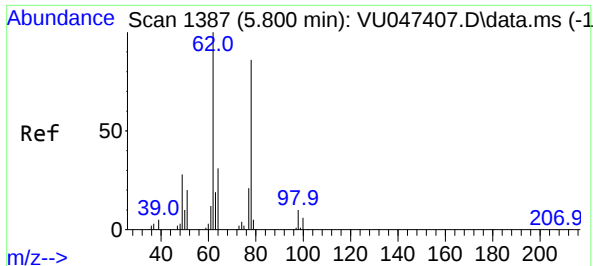
Tgt Ion: 63 Resp: 196101
Ion Ratio Lower Upper
63 100
65 31.4 22.8 42.4
83 13.6 9.9 18.3



#22
cis-1,2-Dichloroethene
Concen: 2.325 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047413.D
Acq: 09 Mar 2022 18:45

Tgt Ion: 96 Resp: 27761
Ion Ratio Lower Upper
96 100
61 123.9 80.8 150.0
98 63.6 44.7 83.1

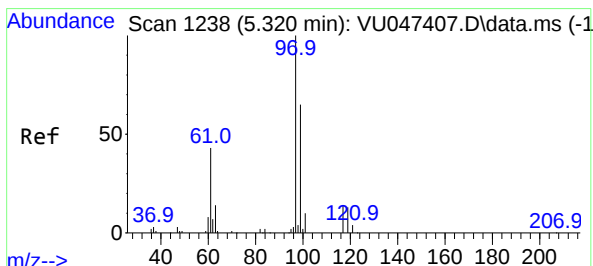
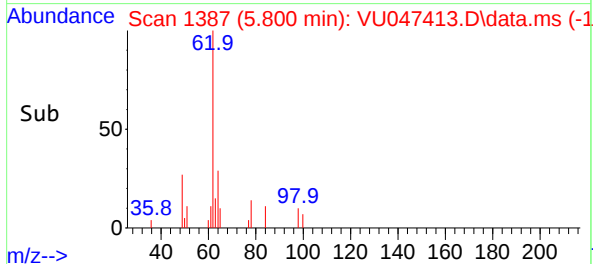
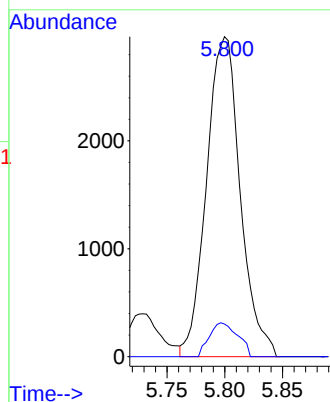
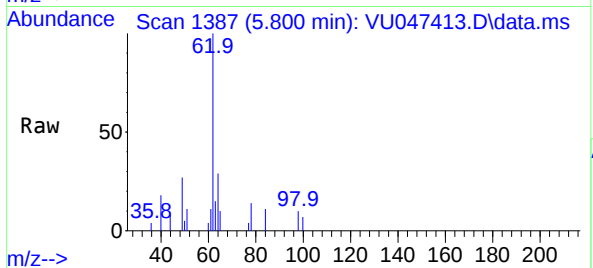




#27
1,2-Dichloroethane
Concen: 0.471 ug/L
RT: 5.800 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047413.D
Acq: 09 Mar 2022 18:45

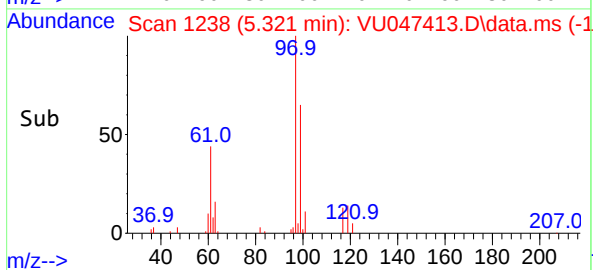
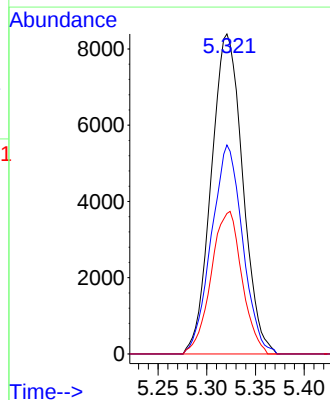
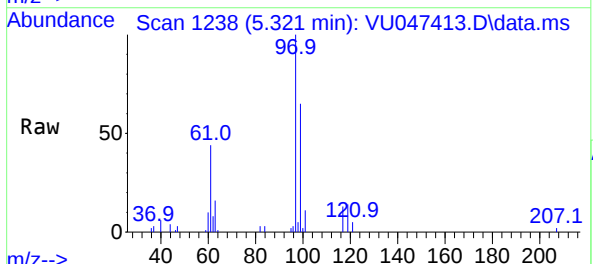
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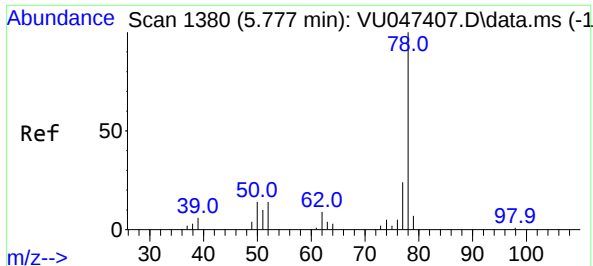
Tgt Ion: 62 Resp: 6017
Ion Ratio Lower Upper
62 100
98 10.2 7.8 11.8



#29
1,1,1-Trichloroethane
Concen: 1.119 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU047413.D
Acq: 09 Mar 2022 18:45

Tgt Ion: 97 Resp: 18821
Ion Ratio Lower Upper
97 100
99 65.0 52.1 78.1
61 43.7 33.8 50.6

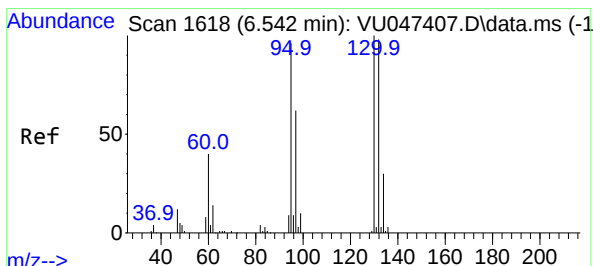
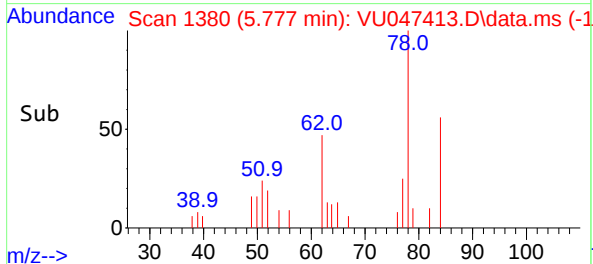
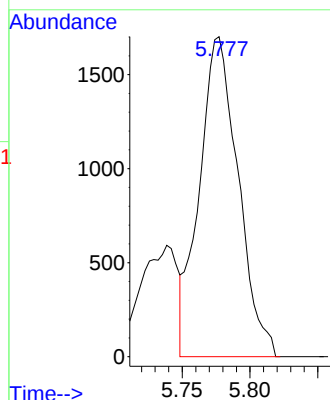
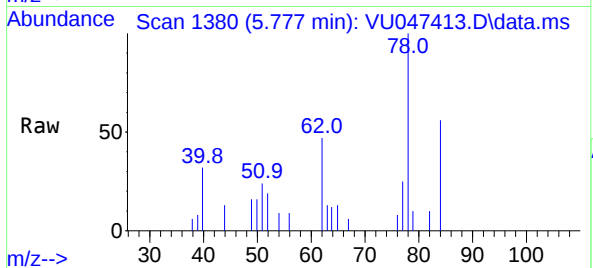




#33
Benzene
Concen: 0.077 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047413.D
Acq: 09 Mar 2022 18:45

Instrument :
MSVOA_U
ClientSampleId :
BFY22

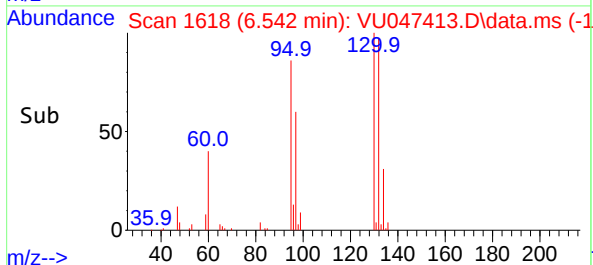
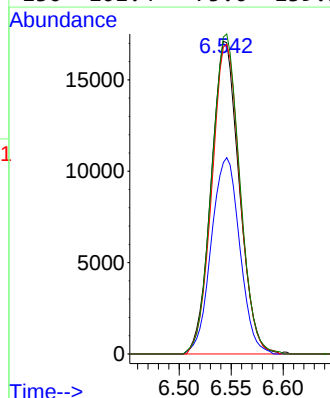
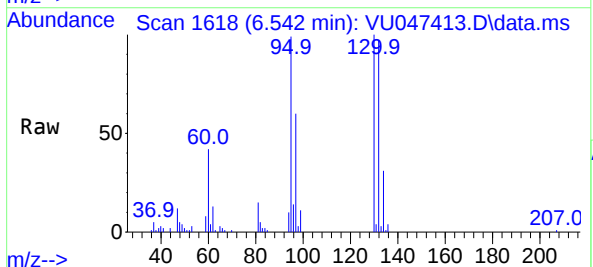
Tgt Ion: 78 Resp: 3386

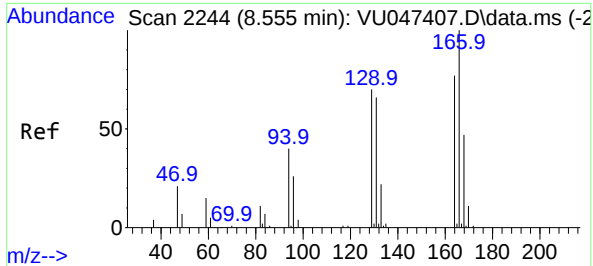


#34
Trichloroethene
Concen: 2.724 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU047413.D
Acq: 09 Mar 2022 18:45

Tgt Ion: 95 Resp: 32021

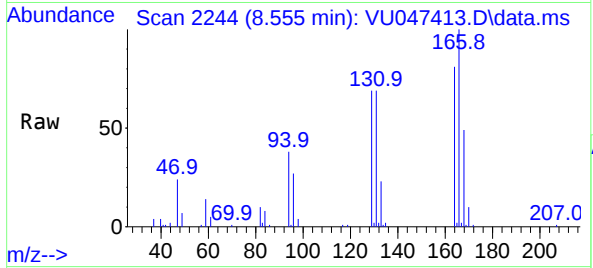
Ion	Ratio	Lower	Upper
95	100		
97	61.3	46.3	85.9
132	98.1	71.7	133.1
130	101.4	75.0	139.2





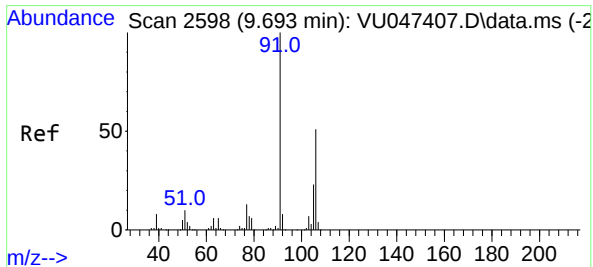
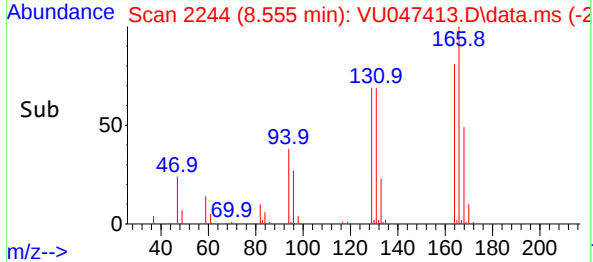
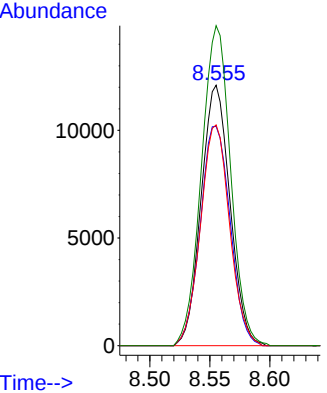
#47
Tetrachloroethene
Concen: 2.032 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047413.D
Acq: 09 Mar 2022 18:45

Instrument :
MSVOA_U
ClientSampleId :
BFY22



Tgt Ion:164 Resp: 20263

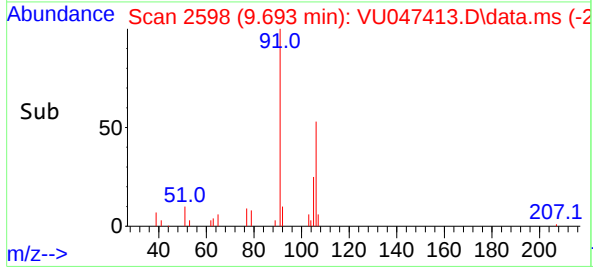
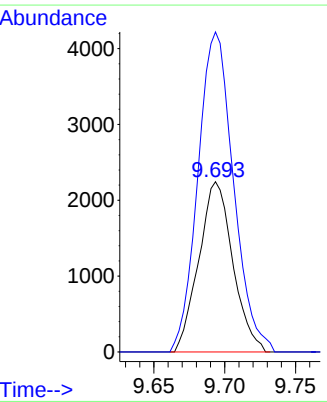
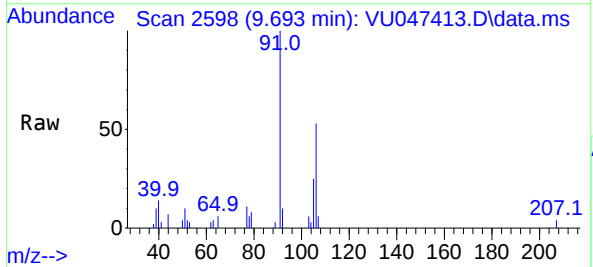
Ion	Ratio	Lower	Upper
164	100		
129	84.2	64.9	120.5
131	84.8	63.6	118.2
166	122.9	91.4	169.8

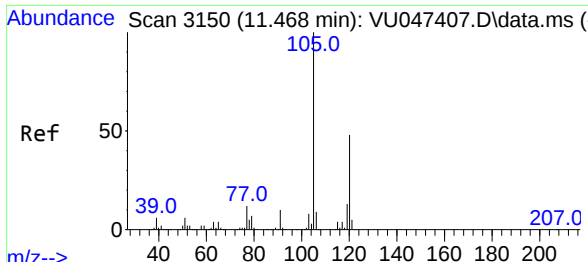


#53
m,p-Xylene
Concen: 0.185 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU047413.D
Acq: 09 Mar 2022 18:45

Tgt Ion:106 Resp: 3748

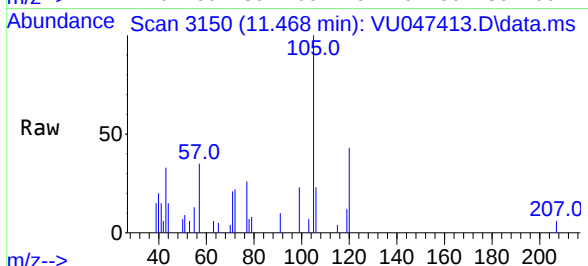
Ion	Ratio	Lower	Upper
106	100		
91	188.0	138.8	257.8





#63
 1,2,4-Trimethylbenzene
 Concen: 0.101 ug/L
 RT: 11.468 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU047413.D
 Acq: 09 Mar 2022 18:45

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:105 Resp: 4371
 Ion Ratio Lower Upper
 105 100
 120 40.2 37.2 55.8

