

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053693.D
 Acq On : 13 Apr 2023 19:46
 Operator : JC/MD
 Sample : 02340-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE03

Quant Time: Apr 14 02:26:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 14 02:17:15 2023
 Response via : Initial Calibration

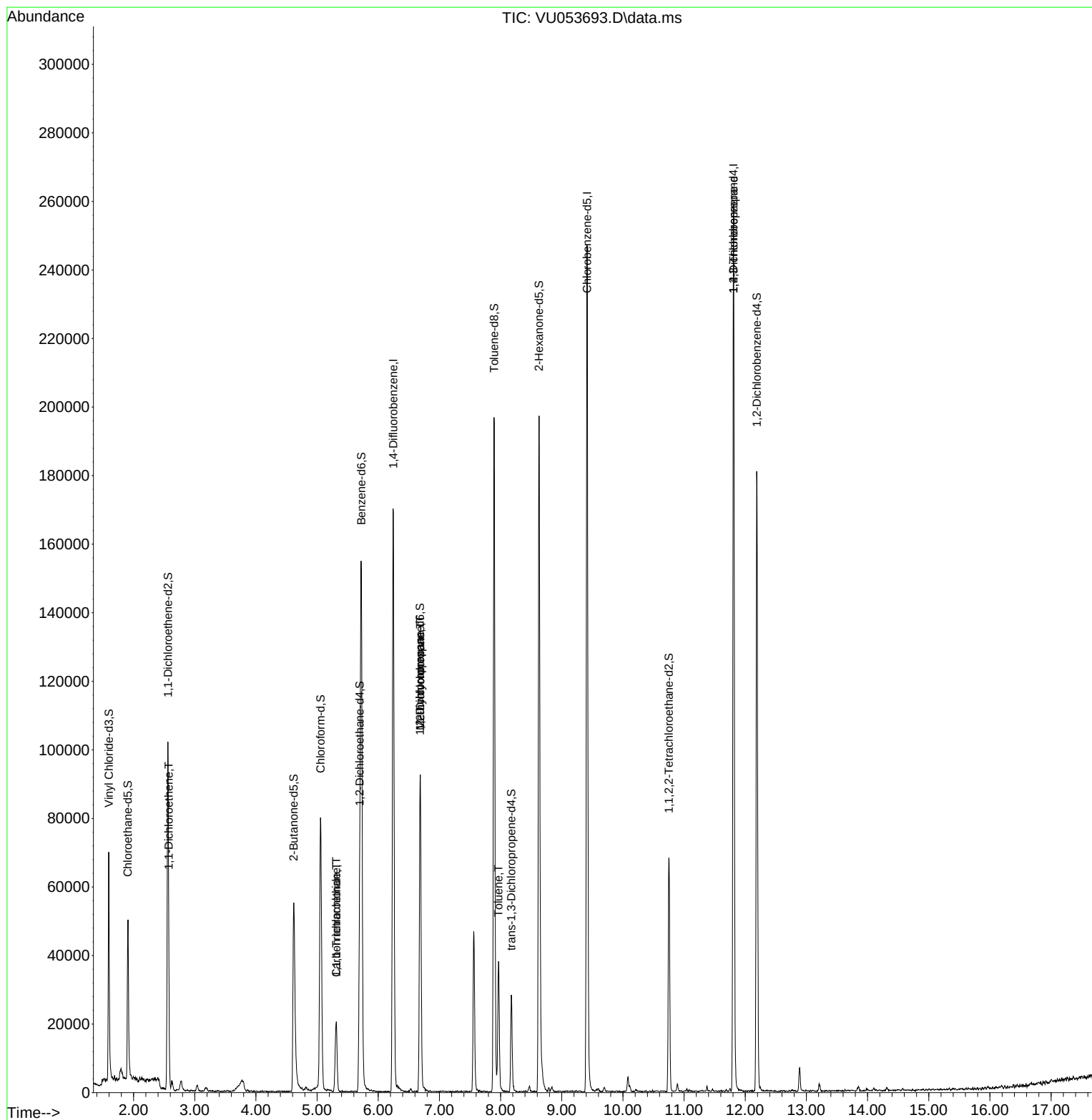
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	149579	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	142848	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	70149	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	50351	4.893	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.800%
7) Chloroethane-d5	1.906	69	37668	4.033	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.562	65	17767	4.053	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	4.617	46	79306	33.642	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.280%
24) Chloroform-d	5.057	84	72062	3.778	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.600%
26) 1,2-Dichloroethane-d4	5.697	65	37489	3.835	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.600%
32) Benzene-d6	5.723	84	152173	3.759	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.200%
36) 1,2-Dichloropropane-d6	6.684	67	45643	3.700	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.000%
41) Toluene-d8	7.893	98	137881	3.610	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.200%
43) trans-1,3-Dichloroprop...	8.176	79	17004	3.592	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.800%
46) 2-Hexanone-d5	8.629	63	70233	36.527	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.060%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	35885	3.495	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	69.800%
66) 1,2-Dichlorobenzene-d4	12.189	152	49982	3.960	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.200%#
Target Compounds						
12) 1,1-Dichloroethene	2.575	96	3530	0.417	ug/L #	1
29) 1,1,1-Trichloroethane	5.314	97	15396	1.092	ug/L	98
31) Carbon tetrachloride	5.314	117	2006	0.168	ug/L	98
35) Methylcyclohexane	6.687	83	10608	0.607	ug/L #	22
37) 1,2-Dichloropropane	6.687	63	5019	0.497	ug/L #	89
42) Toluene	7.967	91	28343	0.678	ug/L	99
61) 1,2,3-Trichloropropane	11.806	75	8574	1.475	ug/L #	66

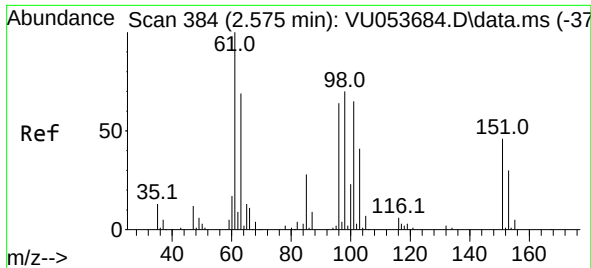
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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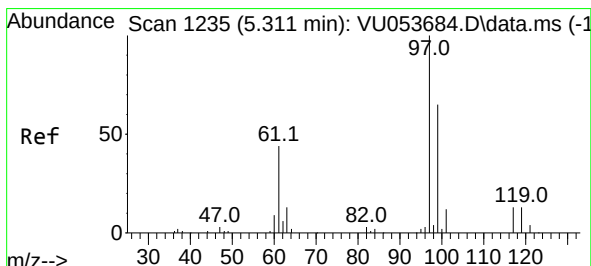
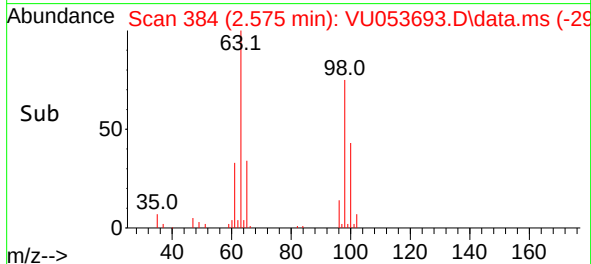
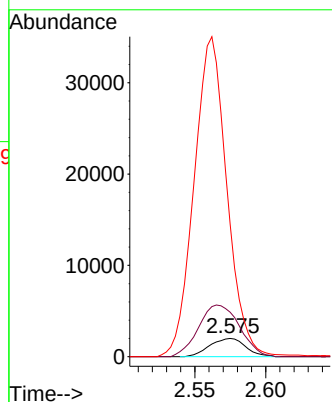
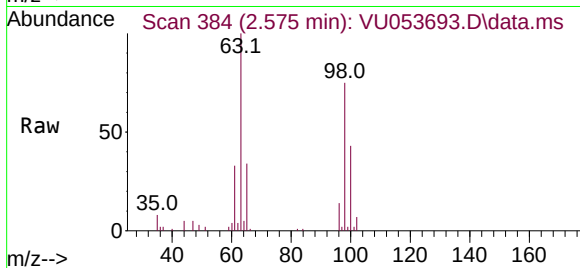




#12
1,1-Dichloroethene
Concen: 0.417 ug/L
RT: 2.575 min Scan# 384
Delta R.T. 0.000 min
Lab File: VU053693.D
Acq: 13 Apr 2023 19:46

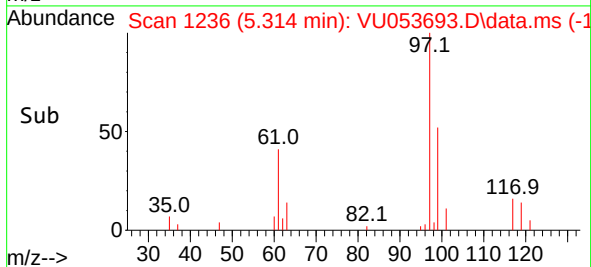
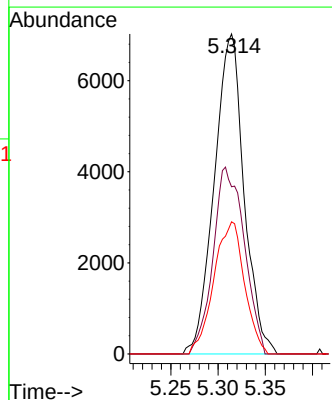
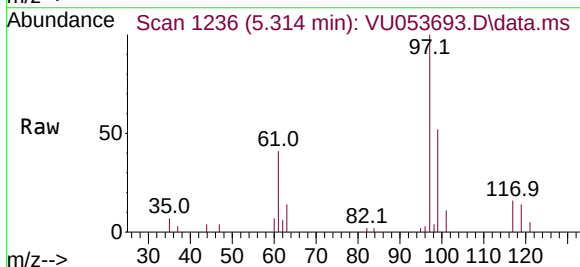
Instrument :
MSVOA_U
ClientSampleId :
BHE03

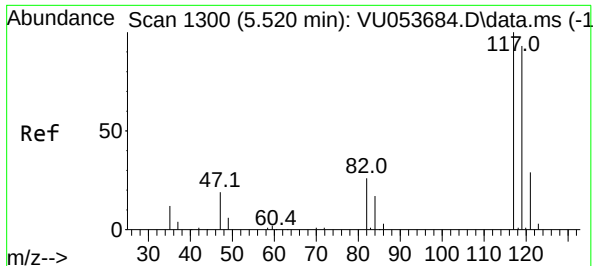
Tgt Ion: 96 Resp: 3530
Ion Ratio Lower Upper
96 100
61 243.8 116.8 216.8#
63 727.9 88.6 164.6#



#29
1,1,1-Trichloroethane
Concen: 1.092 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. 0.003 min
Lab File: VU053693.D
Acq: 13 Apr 2023 19:46

Tgt Ion: 97 Resp: 15396
Ion Ratio Lower Upper
97 100
99 61.1 49.9 74.9
61 42.4 35.7 53.5

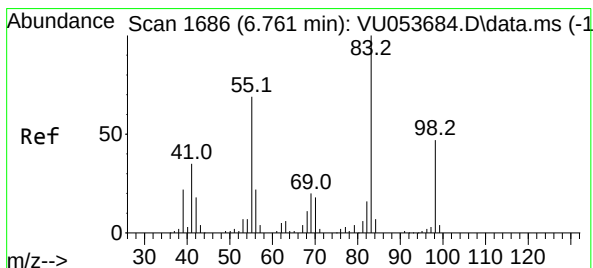
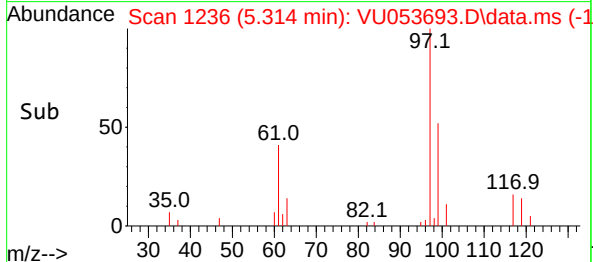
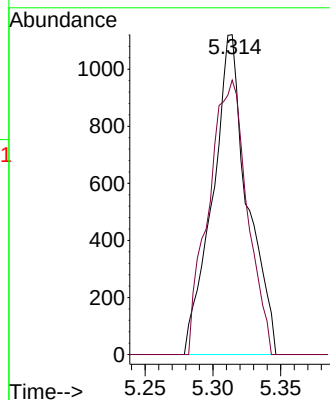
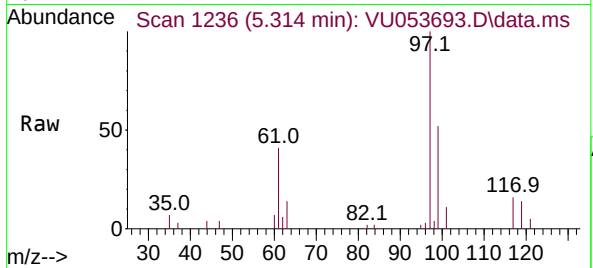




#31
Carbon tetrachloride
Concen: 0.168 ug/L
RT: 5.314 min Scan# 11
Delta R.T. -0.206 min
Lab File: VU053693.D
Acq: 13 Apr 2023 19:46

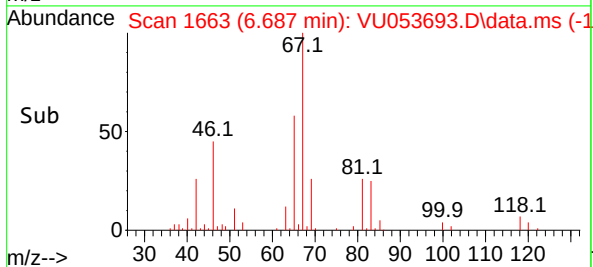
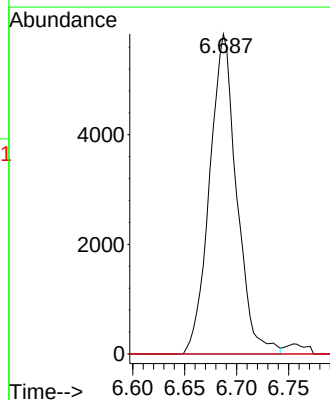
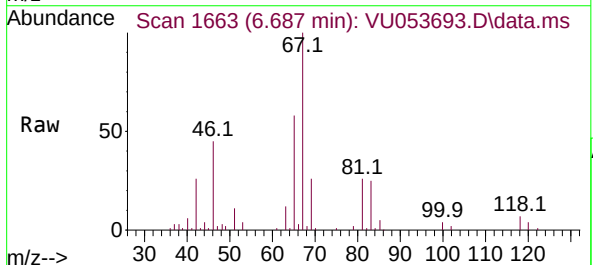
Instrument :
MSVOA_U
ClientSampleId :
BHE03

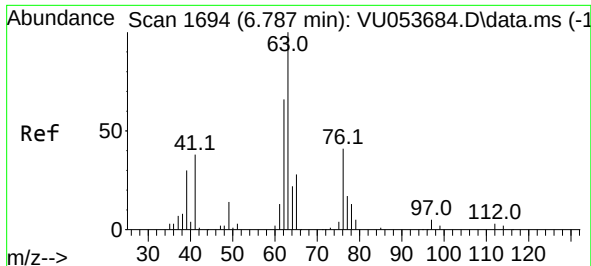
Tgt Ion:117 Resp: 2006
Ion Ratio Lower Upper
117 100
119 94.7 77.7 116.5



#35
Methylcyclohexane
Concen: 0.607 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU053693.D
Acq: 13 Apr 2023 19:46

Tgt Ion: 83 Resp: 10608
Ion Ratio Lower Upper
83 100
55 0.0 54.9 82.3#
98 0.4 34.9 52.3#





#37

1,2-Dichloropropane

Concen: 0.497 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU053693.D

Acq: 13 Apr 2023 19:46

Instrument :

MSVOA_U

ClientSampleId :

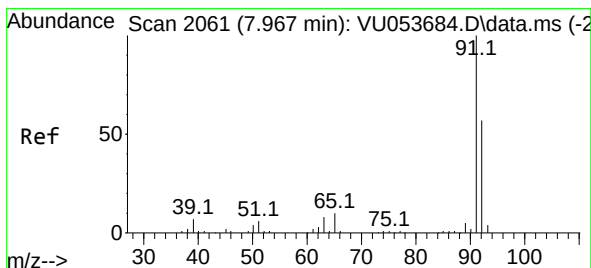
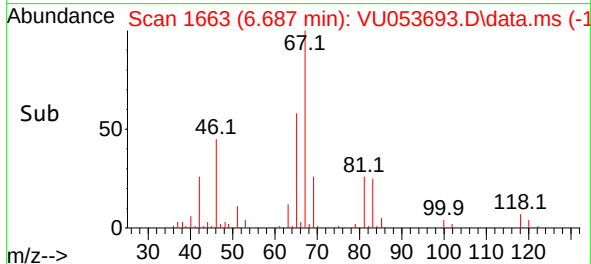
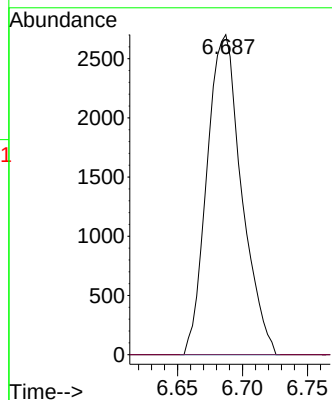
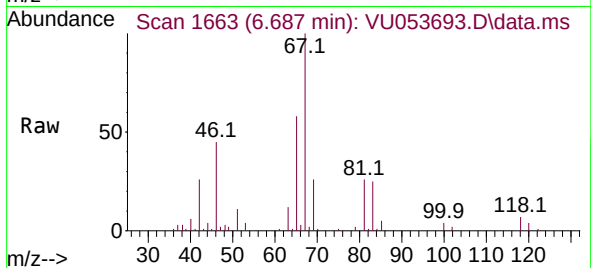
BHE03

Tgt Ion: 63 Resp: 5019

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#42

Toluene

Concen: 0.678 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU053693.D

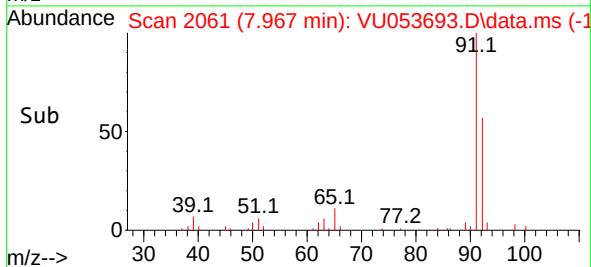
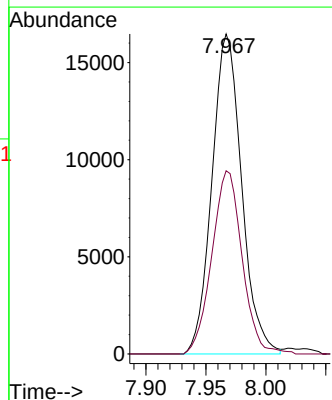
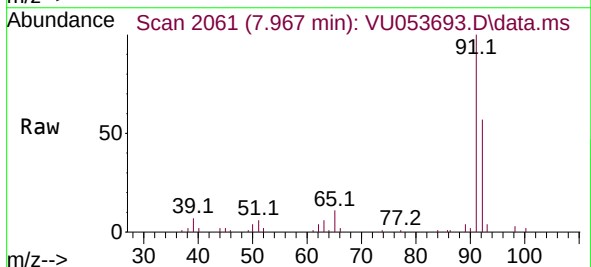
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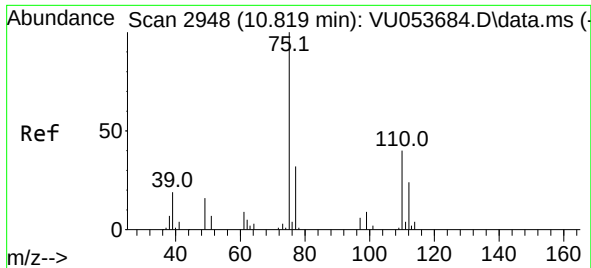
Tgt Ion: 91 Resp: 28343

Ion Ratio Lower Upper

91 100

92 57.2 40.4 75.0





#61
1,2,3-Trichloropropane
Concen: 1.475 ug/L
RT: 11.806 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU053693.D
Acq: 13 Apr 2023 19:46

Instrument :
MSVOA_U
ClientSampleId :
BHE03

Tgt Ion: 75 Resp: 8574
Ion Ratio Lower Upper
75 100
110 2.1 30.6 46.0#
77 34.4 26.1 39.1

