

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020623\
 Data File : VU052983.D
 Acq On : 06 Feb 2023 16:20
 Operator : JC/MD
 Sample : 01444-07 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM11

Quant Time: Feb 07 01:07:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Feb 05 21:58:05 2023
 Response via : Initial Calibration

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

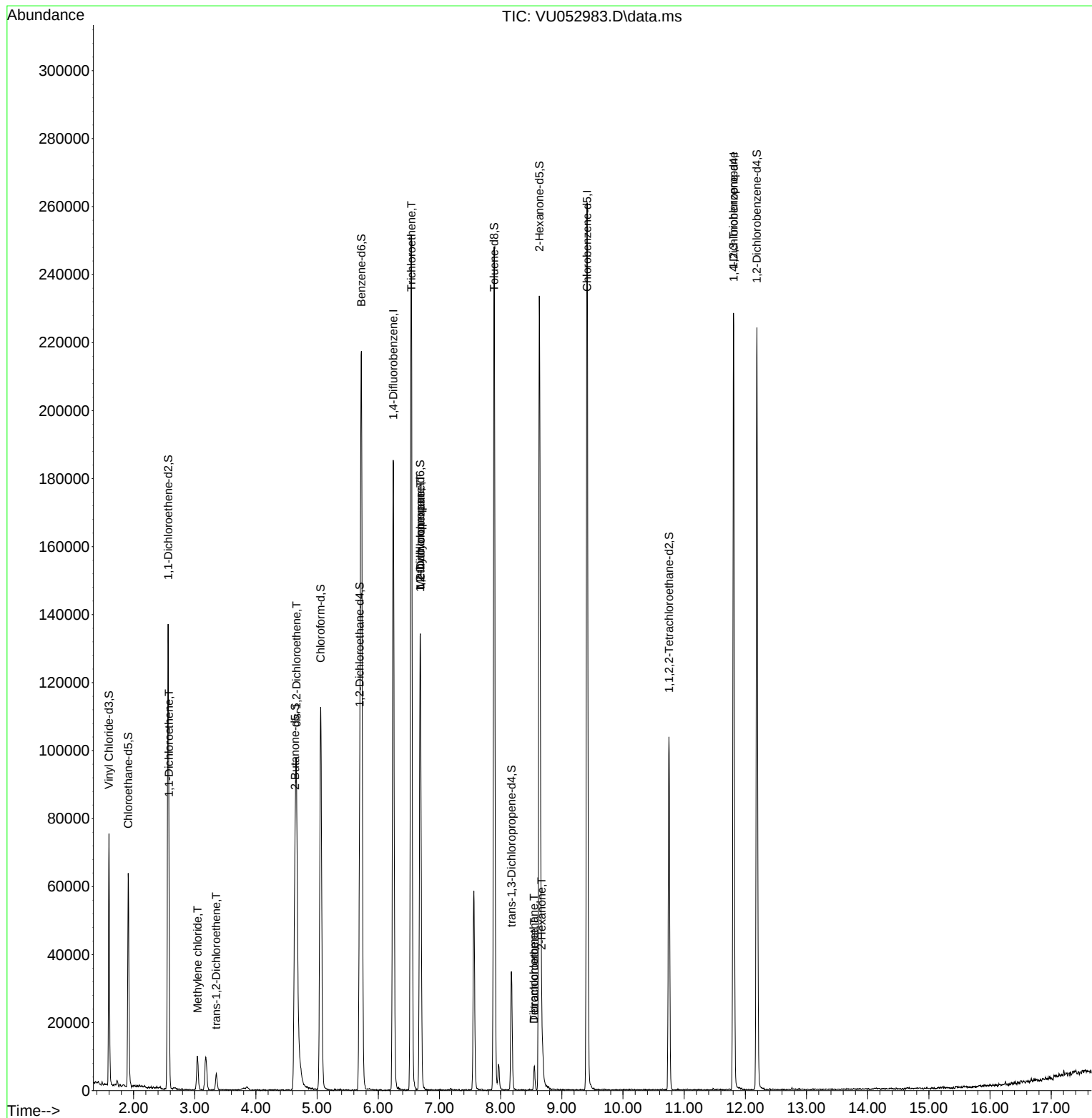
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	155109	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	155004	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	65519	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	52361	3.842	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.913	69	49104	4.423	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.565	65	25438	4.239	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	4.639	46	117112	32.142	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.280%
24) Chloroform-d	5.057	84	109369	4.303	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.697	65	55179	4.227	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
32) Benzene-d6	5.723	84	215955	4.299	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.684	67	65910	3.937	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.800%
41) Toluene-d8	7.893	98	171074	3.862	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
43) trans-1,3-Dichloroprop...	8.176	79	21839	3.508	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.200%
46) 2-Hexanone-d5	8.633	63	80275	31.039	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	62.080%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	51535	4.020	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	60429	5.067	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	2895	0.215	ug/L #	1
16) Methylene chloride	3.045	84	5597	0.313	ug/L	82
18) trans-1,2-Dichloroethene	3.350	96	2378	0.173	ug/L	84
22) cis-1,2-Dichloroethene	4.662	96	26252	1.782	ug/L	89
34) Trichloroethene	6.540	95	87219	6.010	ug/L	92
35) Methylcyclohexane	6.688	83	16832	0.702	ug/L #	16
37) 1,2-Dichloropropane	6.688	63	6813	0.414	ug/L #	89
47) Tetrachloroethene	8.549	164	1782	0.167	ug/L	89
48) 2-Hexanone	8.671	43	4083	0.592	ug/L #	72
49) Dibromochloromethane	8.546	129	1550	0.129	ug/L #	11
61) 1,2,3-Trichloropropane	11.806	75	6764	0.888	ug/L #	65

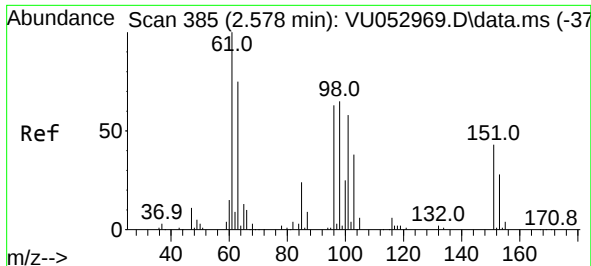
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.215 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.000 min

Lab File: VU052983.D

Acq: 06 Feb 2023 16:20

Instrument :

MSVOA_U

ClientSampleId :

COM11

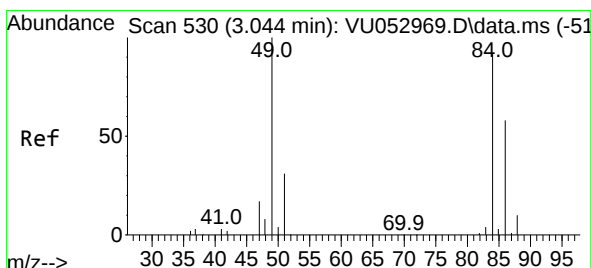
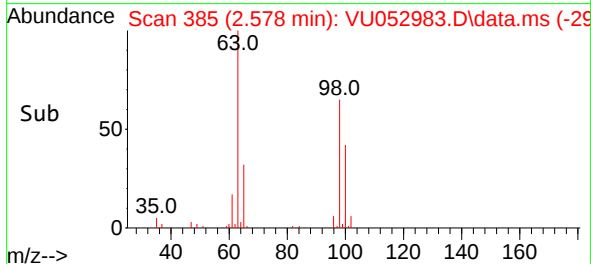
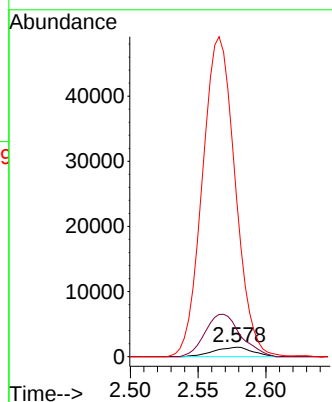
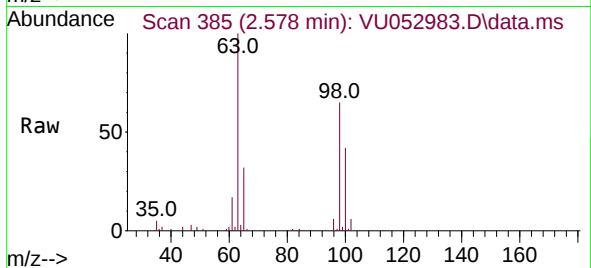
Tgt Ion: 96 Resp: 2895

Ion Ratio Lower Upper

96 100

61 289.8 129.6 240.8#

63 1673.9 83.7 155.5#



#16

Methylene chloride

Concen: 0.313 ug/L

RT: 3.045 min Scan# 530

Delta R.T. 0.004 min

Lab File: VU052983.D

Acq: 06 Feb 2023 16:20

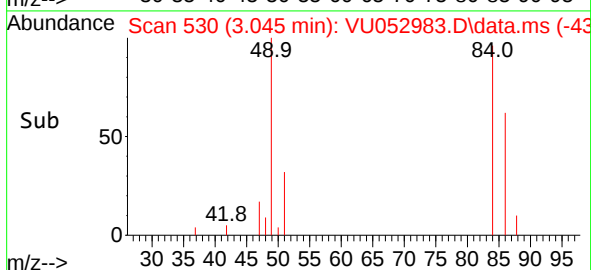
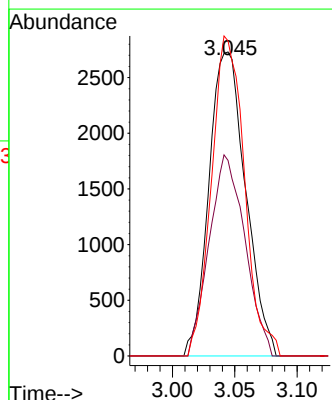
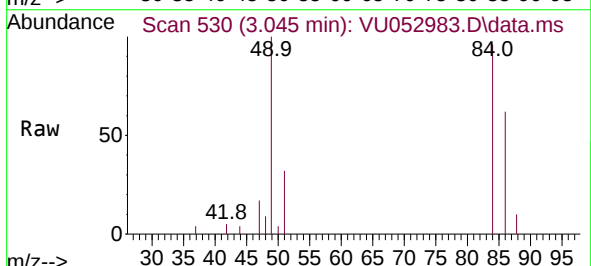
Tgt Ion: 84 Resp: 5597

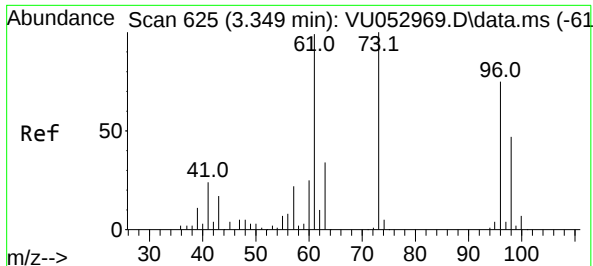
Ion Ratio Lower Upper

84 100

86 64.3 45.6 84.6

49 103.7 94.8 176.0

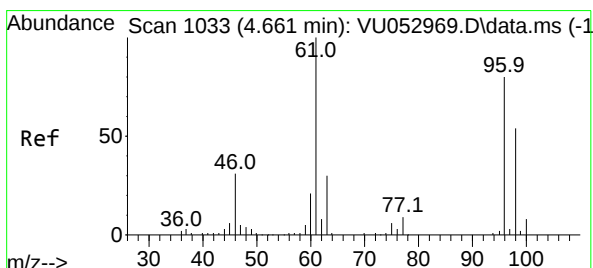
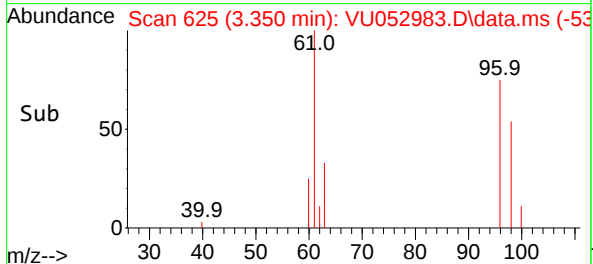
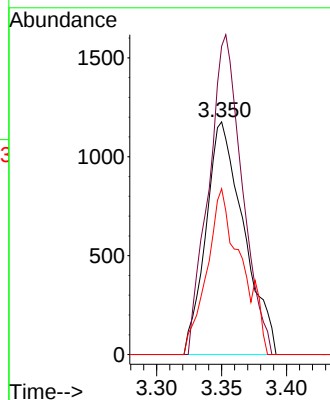
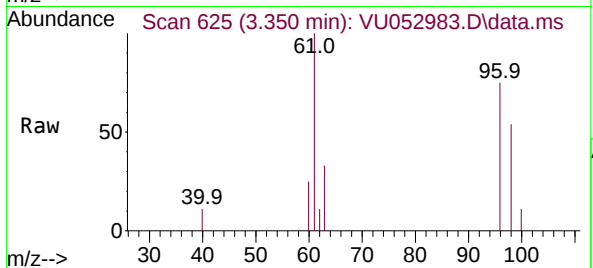




#18
trans-1,2-Dichloroethene
Concen: 0.173 ug/L
RT: 3.350 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU052983.D
Acq: 06 Feb 2023 16:20

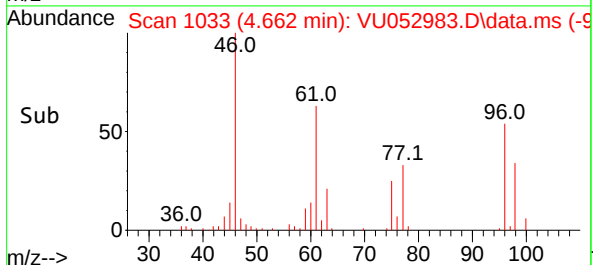
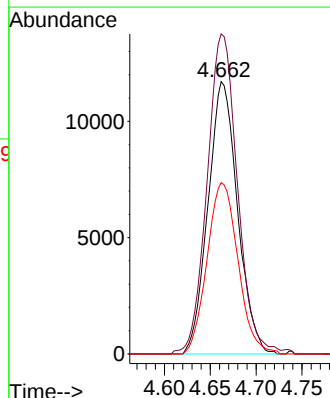
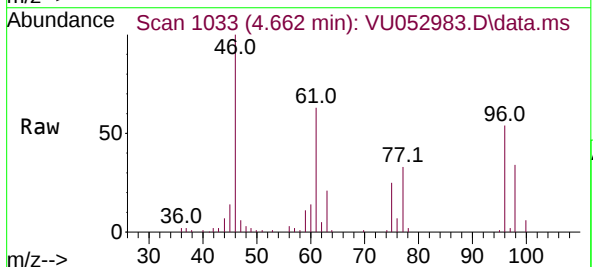
Instrument :
MSVOA_U
ClientSampleId :
COM11

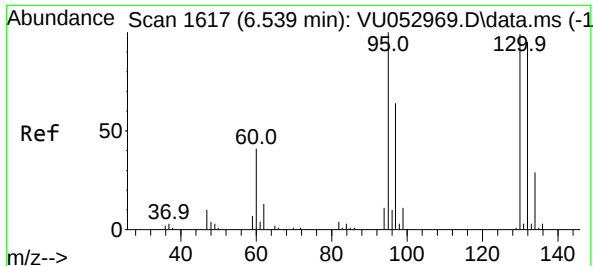
Tgt Ion: 96 Resp: 2378
Ion Ratio Lower Upper
96 100
61 132.6 108.4 201.4
98 71.3 43.8 81.4



#22
cis-1,2-Dichloroethene
Concen: 1.782 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VU052983.D
Acq: 06 Feb 2023 16:20

Tgt Ion: 96 Resp: 26252
Ion Ratio Lower Upper
96 100
61 117.5 94.6 175.8
98 62.9 43.3 80.3



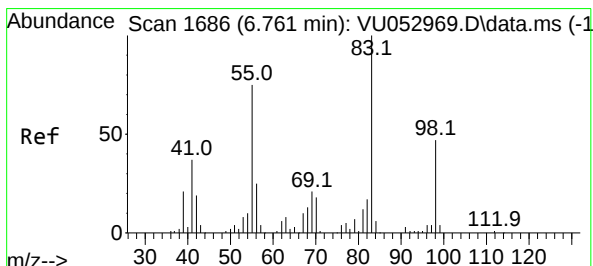
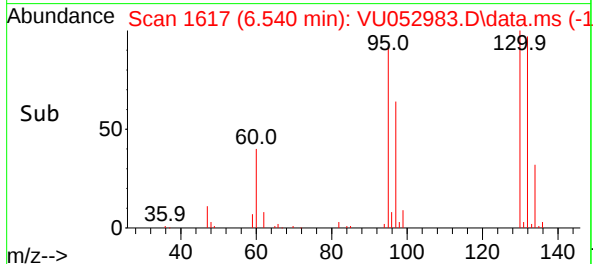
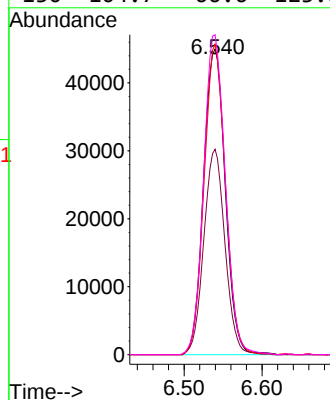
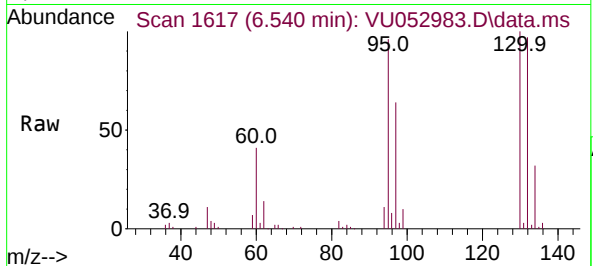


#34
Trichloroethene
Concen: 6.010 ug/L
RT: 6.540 min Scan# 1663
Delta R.T. 0.004 min
Lab File: VU052983.D
Acq: 06 Feb 2023 16:20

Instrument :
MSVOA_U
ClientSampleId :
COM11

Tgt Ion: 95 Resp: 87219

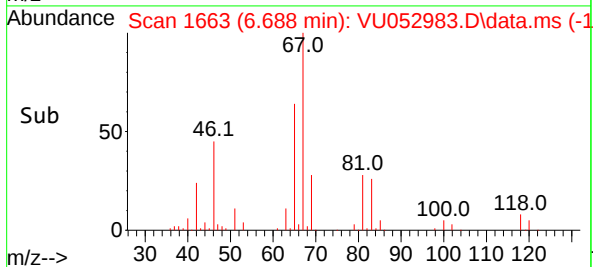
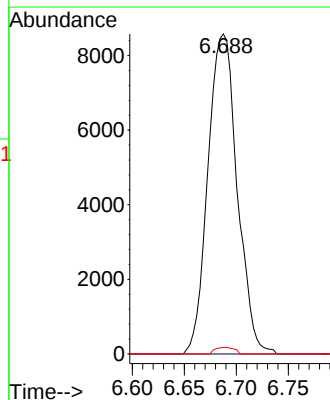
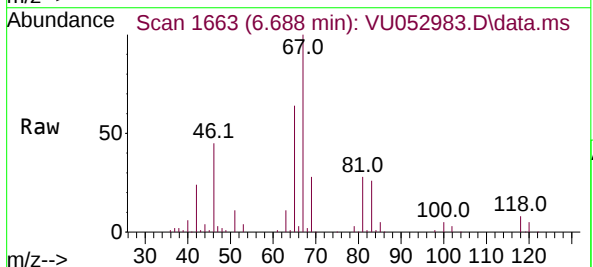
Ion	Ratio	Lower	Upper
95	100		
97	67.2	46.0	85.4
132	101.6	64.0	118.8
130	104.7	66.6	123.8

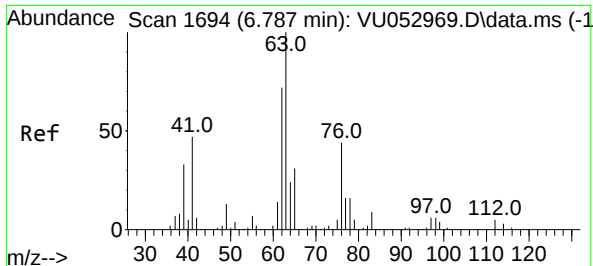


#35
Methylcyclohexane
Concen: 0.702 ug/L
RT: 6.688 min Scan# 1663
Delta R.T. -0.070 min
Lab File: VU052983.D
Acq: 06 Feb 2023 16:20

Tgt Ion: 83 Resp: 16832

Ion	Ratio	Lower	Upper
83	100		
55	0.0	67.6	101.4#
98	1.3	37.1	55.7#

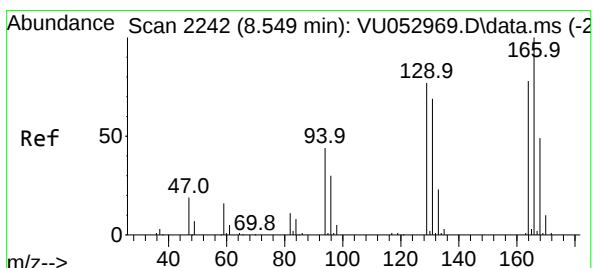
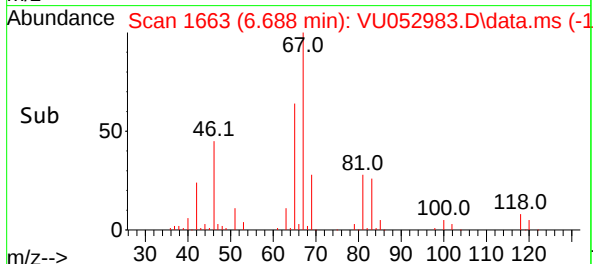
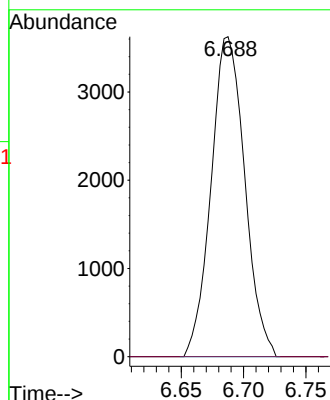
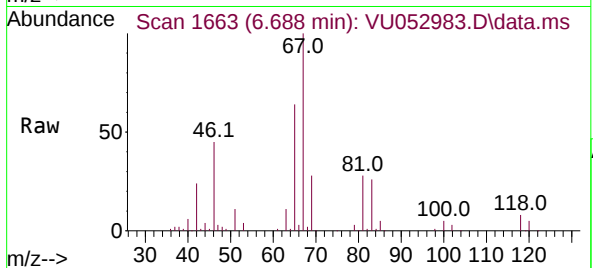




#37
1,2-Dichloropropane
Concen: 0.414 ug/L
RT: 6.688 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU052983.D
Acq: 06 Feb 2023 16:20

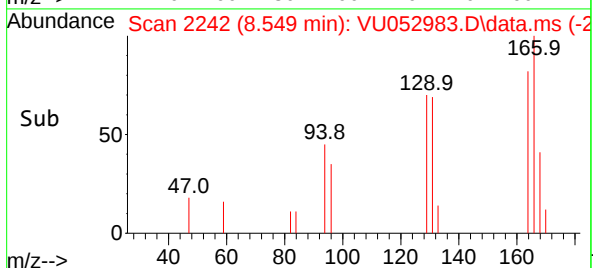
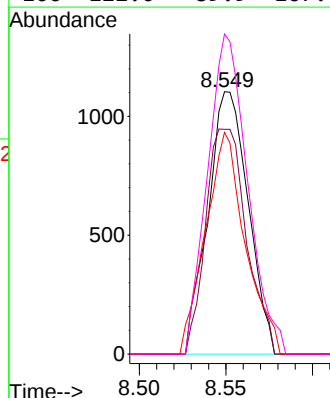
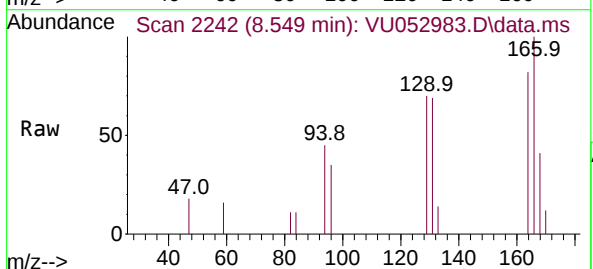
Instrument :
MSVOA_U
ClientSampleId :
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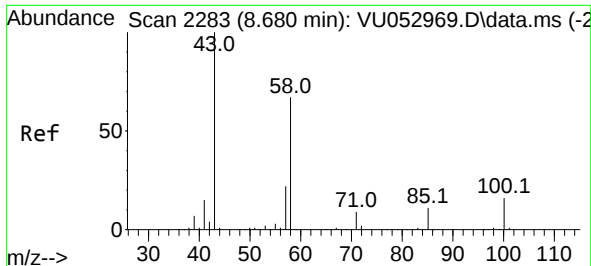
Tgt Ion: 63 Resp: 6813
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



#47
Tetrachloroethene
Concen: 0.167 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU052983.D
Acq: 06 Feb 2023 16:20

Tgt Ion: 164 Resp: 1782
Ion Ratio Lower Upper
164 100
129 85.7 71.8 133.4
131 84.5 66.6 123.6
166 122.0 89.9 167.0

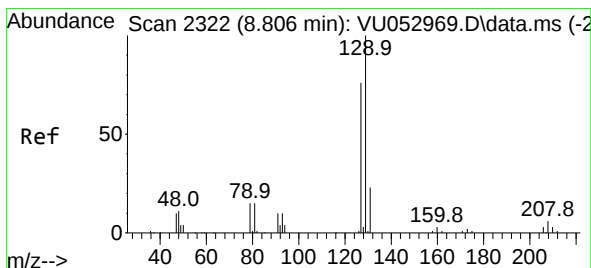
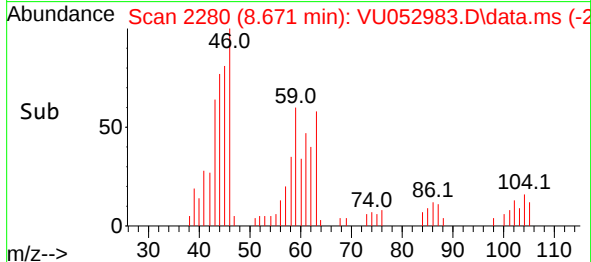
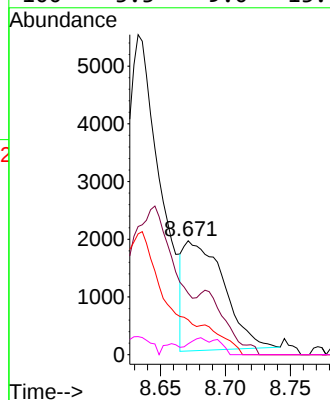
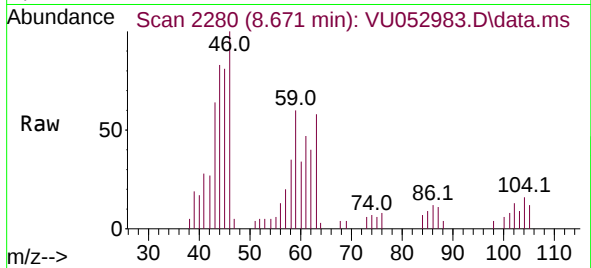




#48
2-Hexanone
Concen: 0.592 ug/L
RT: 8.671 min Scan# 2280
Delta R.T. -0.009 min
Lab File: VU052983.D
Acq: 06 Feb 2023 16:20

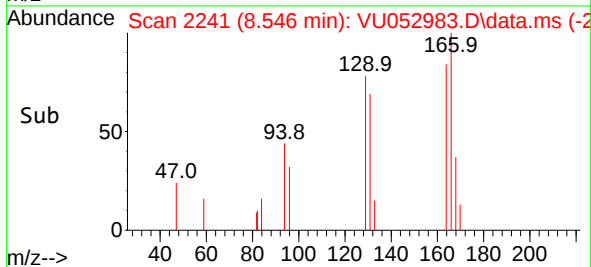
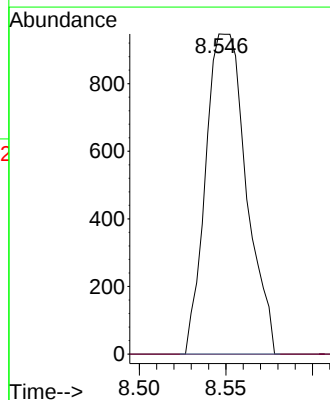
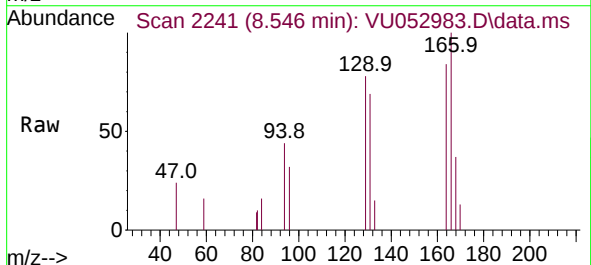
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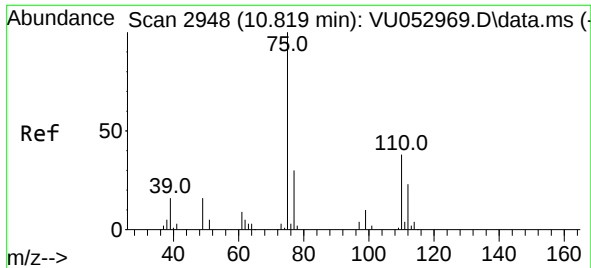
Tgt Ion:	43	Resp:	4083
Ion	Ratio	Lower	Upper
43	100		
58	37.9	45.1	67.7#
57	0.0	15.1	22.7#
100	3.3	9.0	13.4#



#49
Dibromochloromethane
Concen: 0.129 ug/L
RT: 8.546 min Scan# 2241
Delta R.T. -0.260 min
Lab File: VU052983.D
Acq: 06 Feb 2023 16:20

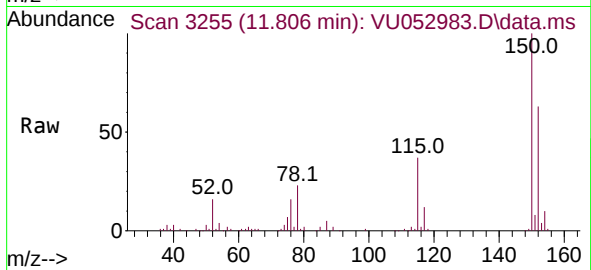
Tgt Ion:	129	Resp:	1550
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.5	99.5#





#61
 1,2,3-Trichloropropane
 Concen: 0.888 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU052983.D
 Acq: 06 Feb 2023 16:20

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Tgt Ion: 75 Resp: 6764
 Ion Ratio Lower Upper
 75 100
 110 0.8 27.2 40.8#
 77 34.3 24.0 36.0

