

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
 Data File : VU051692.D
 Acq On : 02 Nov 2022 15:14
 Operator : JC/MD
 Sample : N5321-02DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWV9DL

Quant Time: Nov 03 01:48:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 03 01:45:18 2022
 Response via : Initial Calibration

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

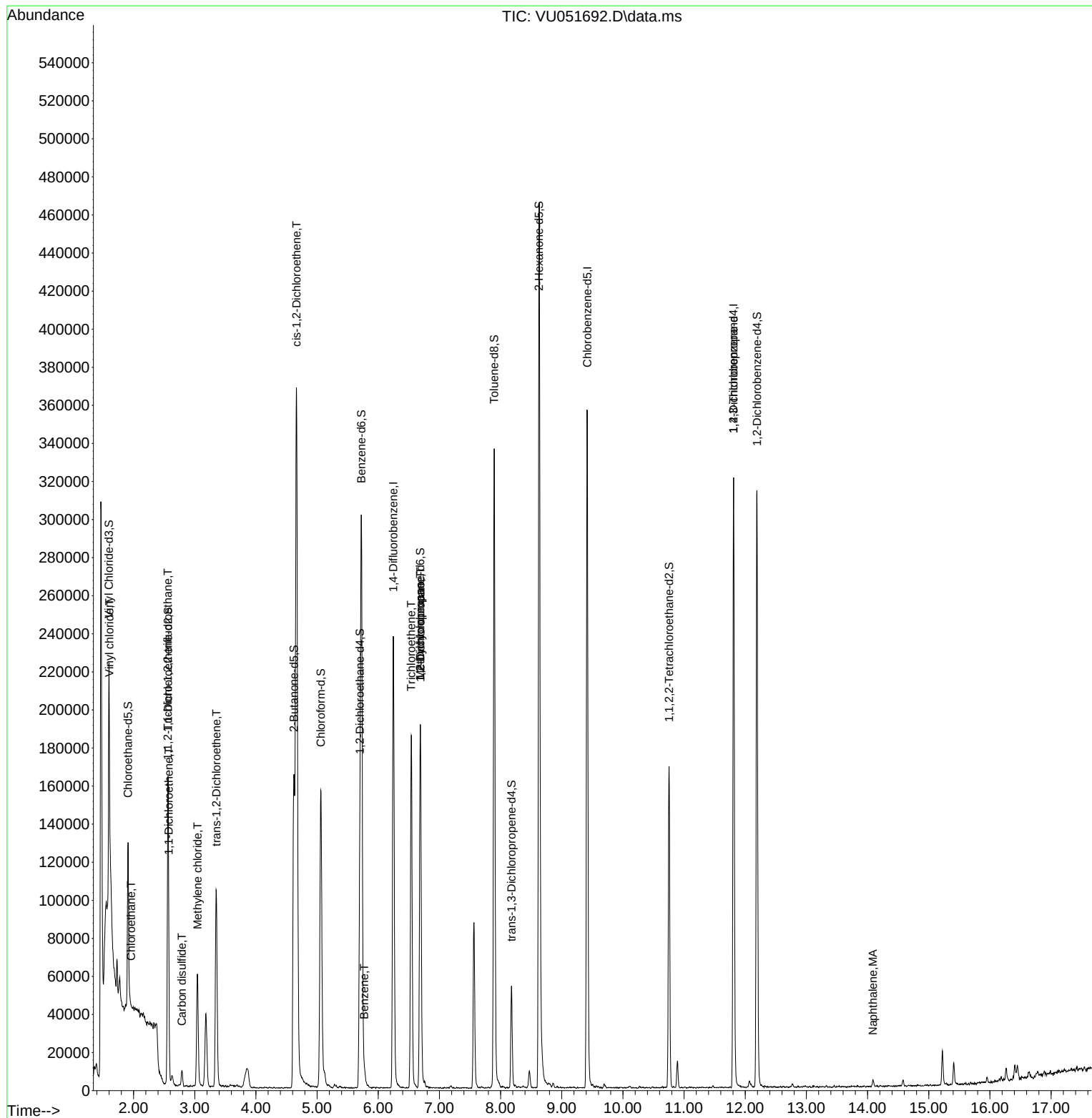
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	200268	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	208022	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	90268	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	76722	5.087	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.800%	
7) Chloroethane-d5	1.909	69	68367	4.346	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.000%	
11) 1,1-Dichloroethene-d2	2.565	65	30534	5.578	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	111.600%	
20) 2-Butanone-d5	4.620	46	203522	37.258	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	74.520%	
24) Chloroform-d	5.063	84	147954	4.192	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.800%	
26) 1,2-Dichloroethane-d4	5.700	65	76751	4.025	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.600%	
32) Benzene-d6	5.726	84	295099	4.495	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.000%	
36) 1,2-Dichloropropane-d6	6.687	67	99230	4.323	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	86.400%	
41) Toluene-d8	7.896	98	236295	4.577	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.600%	
43) trans-1,3-Dichloroprop...	8.179	79	31214	4.447	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.000%	
46) 2-Hexanone-d5	8.629	63	161522	38.229	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	76.460%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	86232	4.099	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	82.000%	
66) 1,2-Dichlorobenzene-d4	12.192	152	87426	5.277	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.600%	
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	14474	0.547	ug/L #	1
8) Chloroethane	1.961	64	1452	0.090	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1016	0.060	ug/L #	19
12) 1,1-Dichloroethene	2.575	96	2860	0.164	ug/L #	1
14) Carbon disulfide	2.790	76	11450	0.204	ug/L	98
16) Methylene chloride	3.044	84	29698	1.041	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	45929	2.458	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	194076	9.387	ug/L	98
33) Benzene	5.771	78	5330	0.065	ug/L	100
34) Trichloroethene	6.539	95	64885	3.275	ug/L	99
35) Methylcyclohexane	6.687	83	21884	0.799	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	9323	0.442	ug/L #	88
61) 1,2,3-Trichloropropane	11.809	75	10430	0.894	ug/L #	69
71) Naphthalene	14.089	128	3931	0.117	ug/L #	91

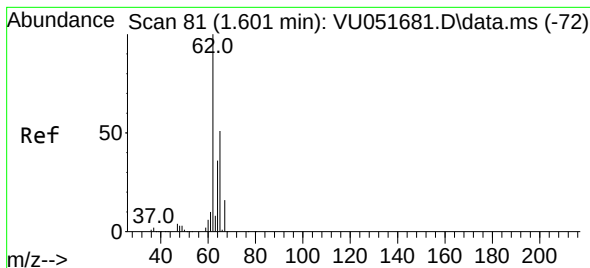
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 03 01:45:18 2022
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.547 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.003 min

Lab File: VU051692.D

Acq: 02 Nov 2022 15:14

Instrument :

MSVOA_U

ClientSampleId :

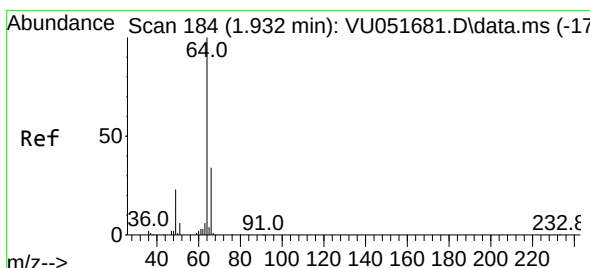
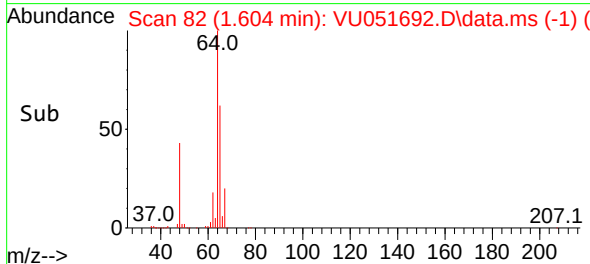
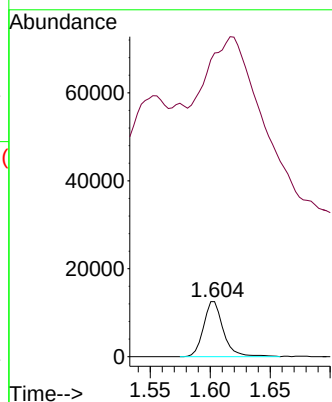
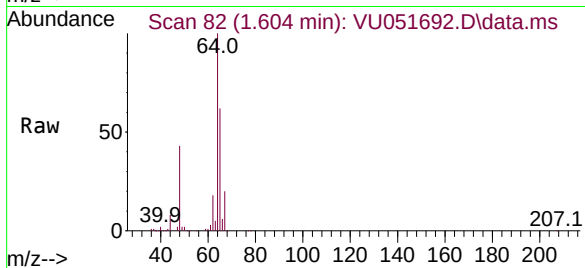
DBWV9DL

Tgt Ion: 62 Resp: 14474

Ion Ratio Lower Upper

62 100

64 550.9 22.1 41.1#



#8

Chloroethane

Concen: 0.090 ug/L

RT: 1.961 min Scan# 193

Delta R.T. 0.029 min

Lab File: VU051692.D

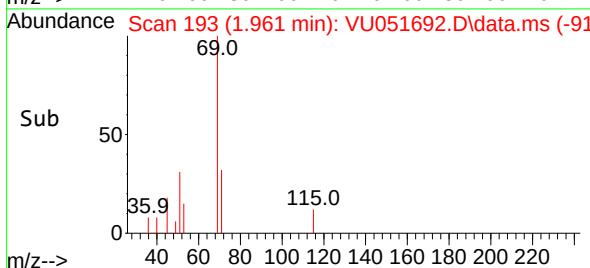
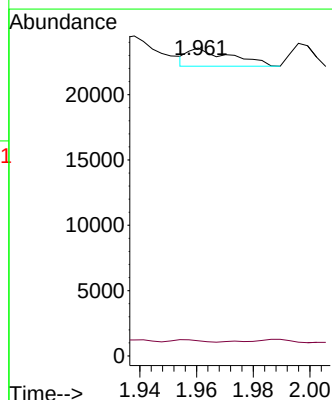
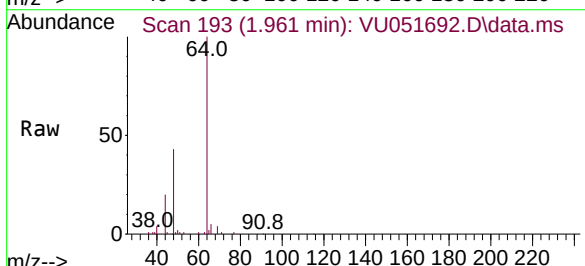
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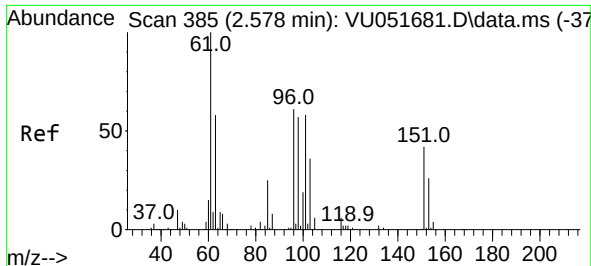
Tgt Ion: 64 Resp: 1452

Ion Ratio Lower Upper

64 100

66 5.0 22.3 41.5#

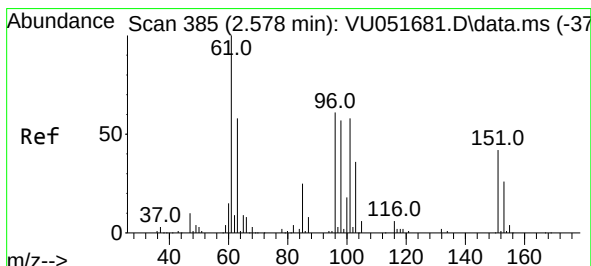
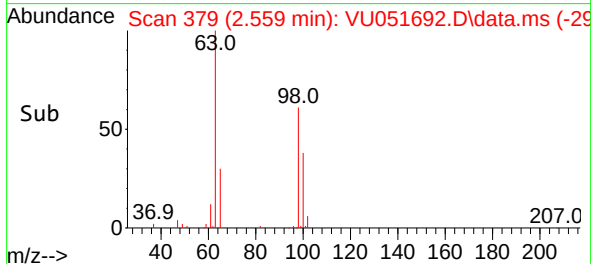
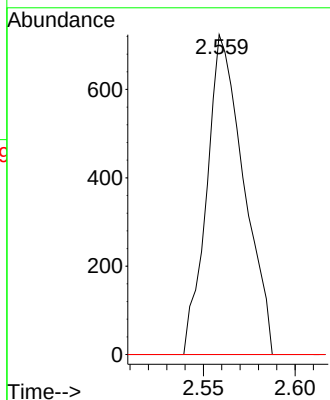
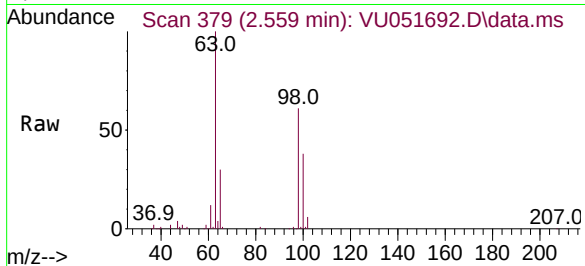




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.060 ug/L
RT: 2.559 min Scan# 31
Delta R.T. -0.019 min
Lab File: VU051692.D
Acq: 02 Nov 2022 15:14

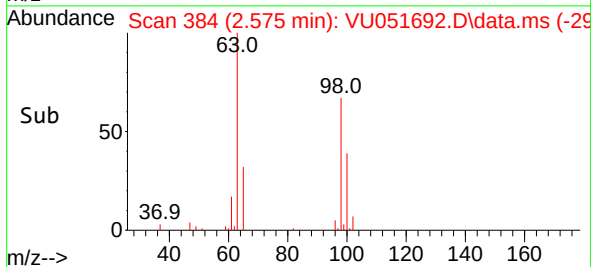
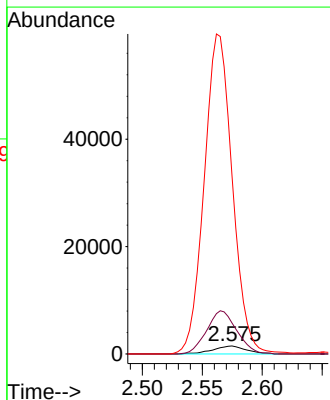
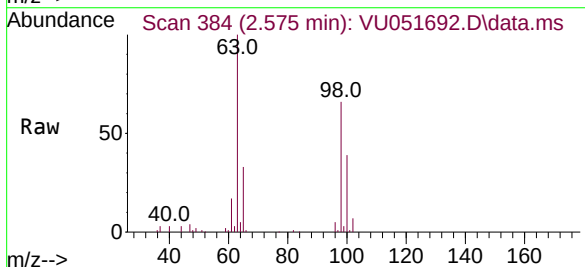
Instrument :
MSVOA_U
ClientSampleId :
DBWV9DL

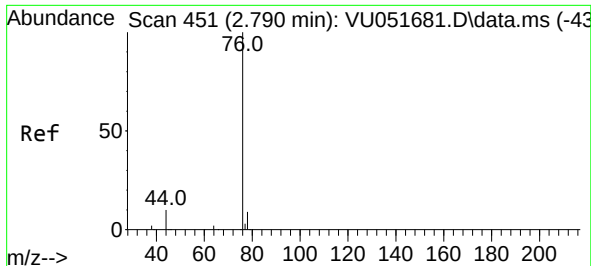
Tgt Ion:101 Resp: 1016
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 59.6 89.4#



#12
1,1-Dichloroethene
Concen: 0.164 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU051692.D
Acq: 02 Nov 2022 15:14

Tgt Ion: 96 Resp: 2860
Ion Ratio Lower Upper
96 100
61 385.9 108.8 202.0#
63 2219.4 64.9 120.5#

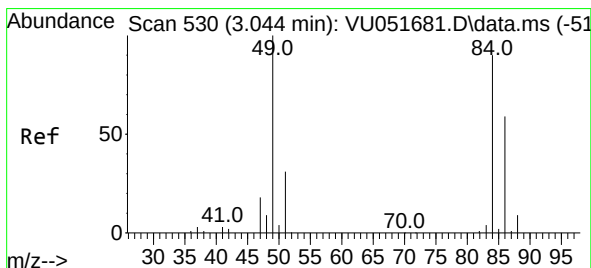
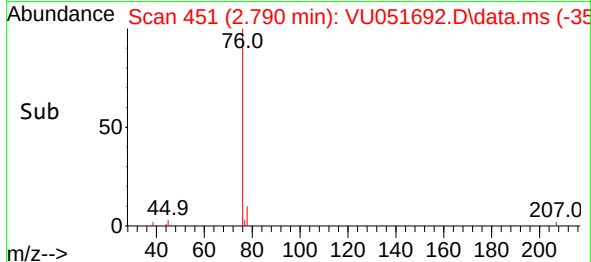
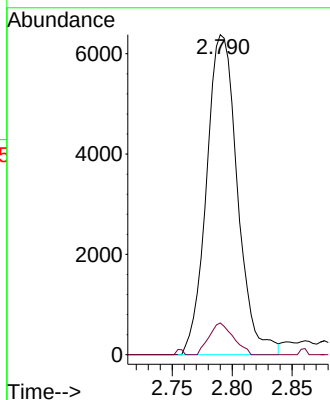
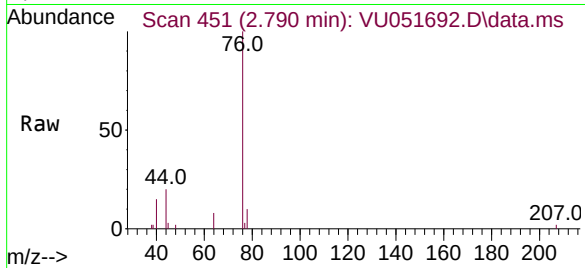




#14
Carbon disulfide
Concen: 0.204 ug/L
RT: 2.790 min Scan# 451
Delta R.T. -0.000 min
Lab File: VU051692.D
Acq: 02 Nov 2022 15:14

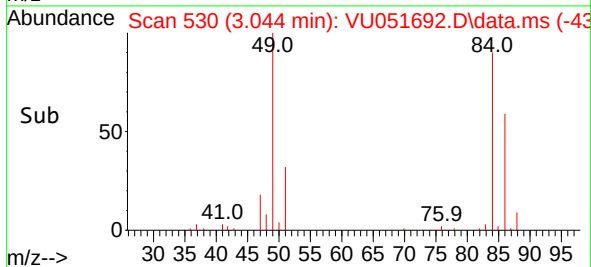
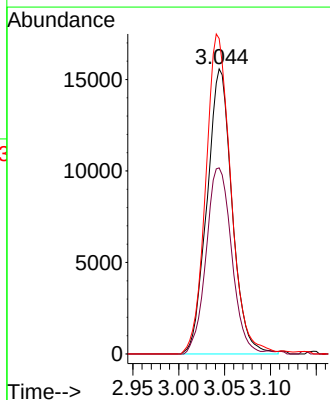
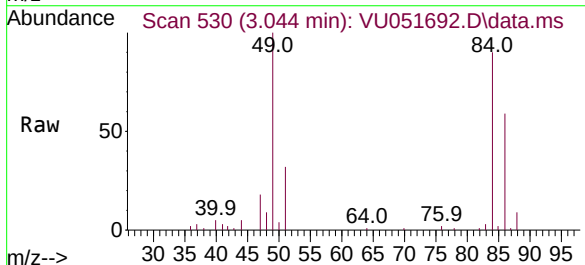
Instrument :
MSVOA_U
ClientSampleId :
DBWV9DL

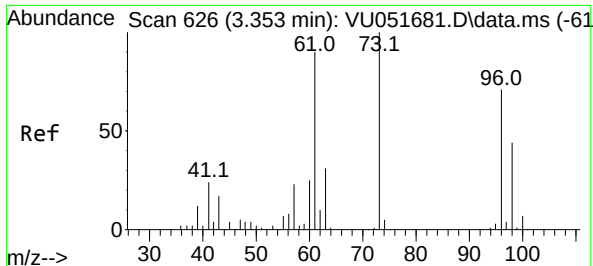
Tgt Ion: 76 Resp: 11450
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.2



#16
Methylene chloride
Concen: 1.041 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU051692.D
Acq: 02 Nov 2022 15:14

Tgt Ion: 84 Resp: 29698
Ion Ratio Lower Upper
84 100
86 65.3 46.3 85.9
49 110.6 76.0 141.2

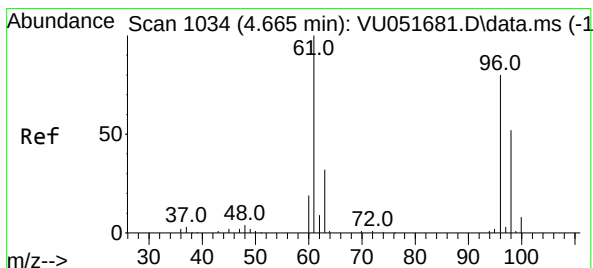
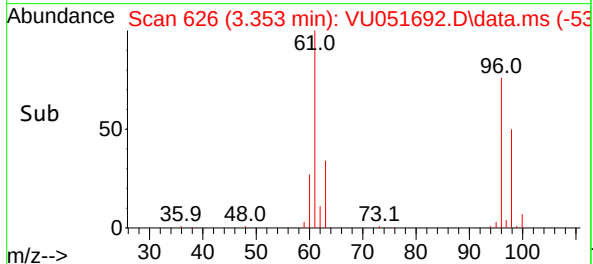
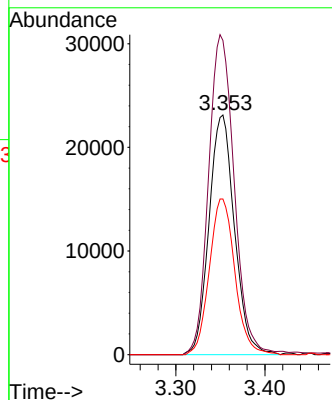
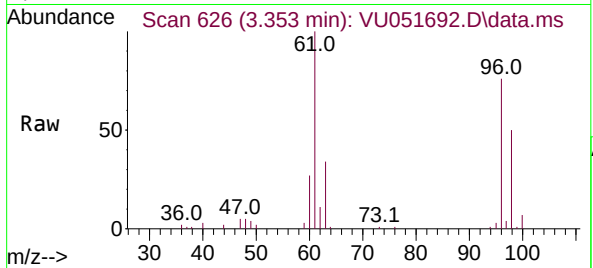




#18
trans-1,2-Dichloroethene
Concen: 2.458 ug/L
RT: 3.353 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU051692.D
Acq: 02 Nov 2022 15:14

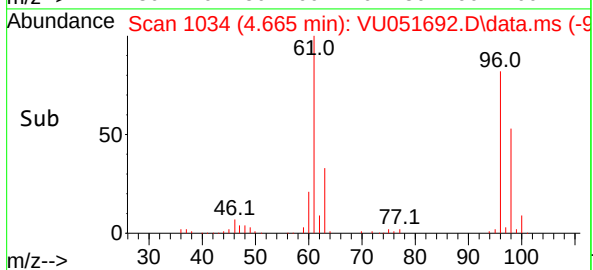
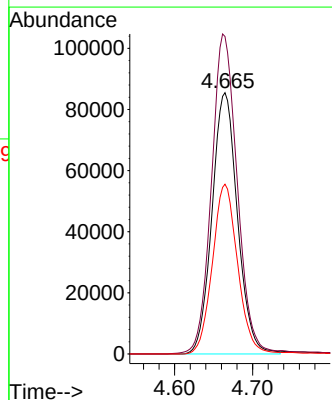
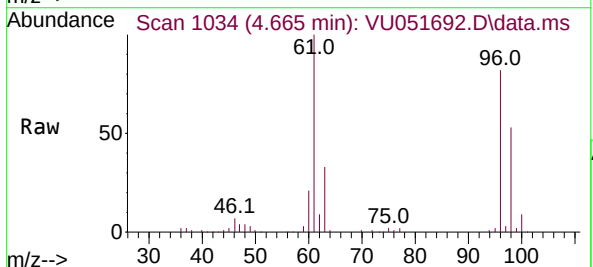
Instrument :
MSVOA_U
ClientSampleId :
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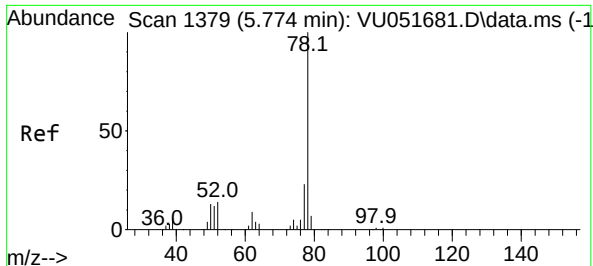
Tgt Ion: 96 Resp: 45929
Ion Ratio Lower Upper
96 100
61 131.1 94.7 175.9
98 65.0 44.2 82.0



#22
cis-1,2-Dichloroethene
Concen: 9.387 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU051692.D
Acq: 02 Nov 2022 15:14

Tgt Ion: 96 Resp: 194076
Ion Ratio Lower Upper
96 100
61 121.5 86.4 160.4
98 65.0 44.2 82.2

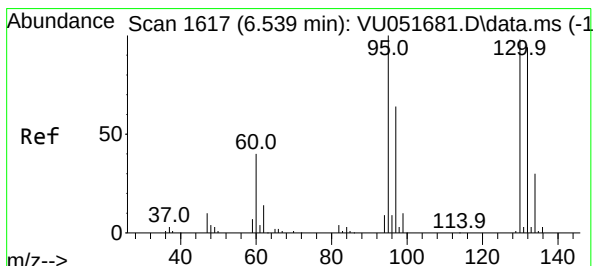
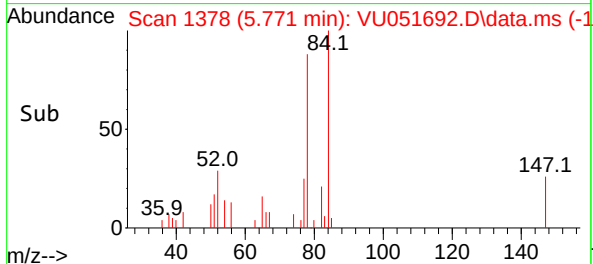
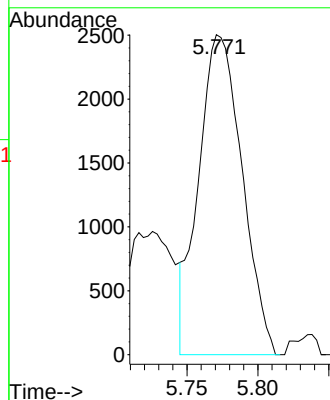
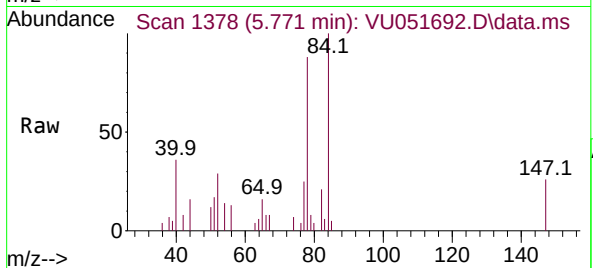




#33
Benzene
Concen: 0.065 ug/L
RT: 5.771 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU051692.D
Acq: 02 Nov 2022 15:14

Instrument :
MSVOA_U
ClientSampleId :
DBWV9DL

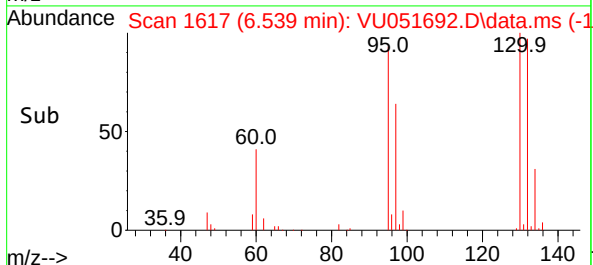
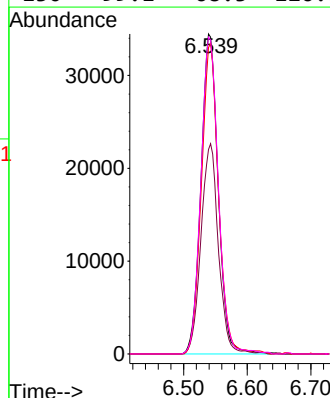
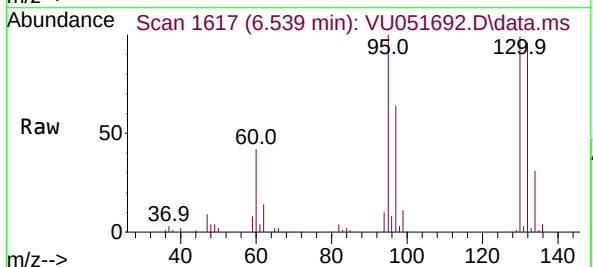
Tgt Ion: 78 Resp: 5330

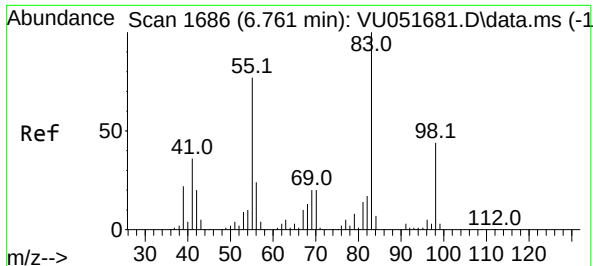


#34
Trichloroethene
Concen: 3.275 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU051692.D
Acq: 02 Nov 2022 15:14

Tgt Ion: 95 Resp: 64885

Ion	Ratio	Lower	Upper
95	100		
97	63.9	45.2	84.0
132	95.7	66.5	123.5
130	99.1	68.3	126.8

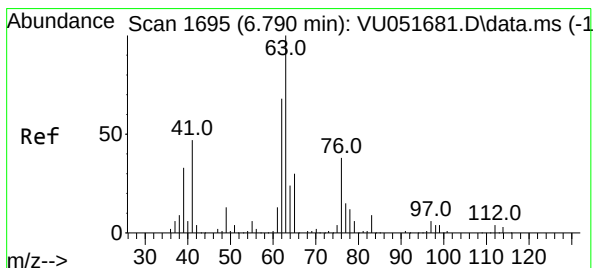
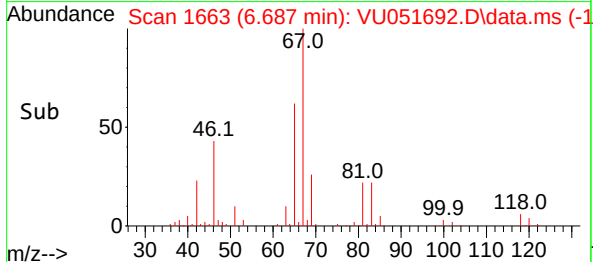
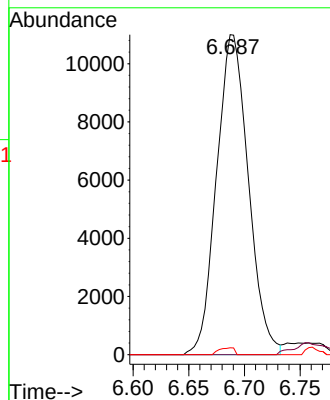
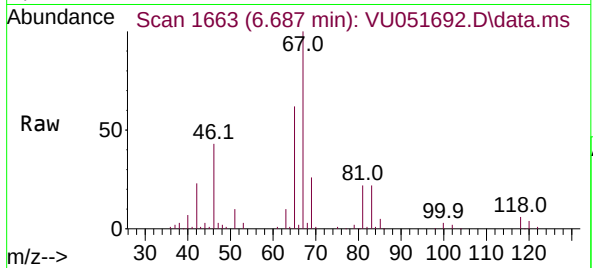




#35
Methylcyclohexane
Concen: 0.799 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU051692.D
Acq: 02 Nov 2022 15:14

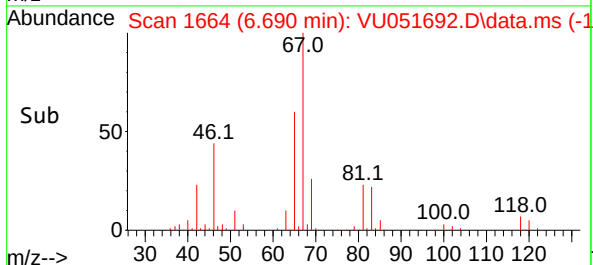
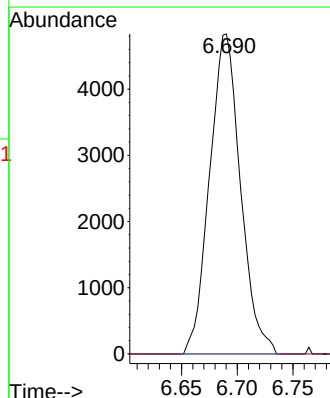
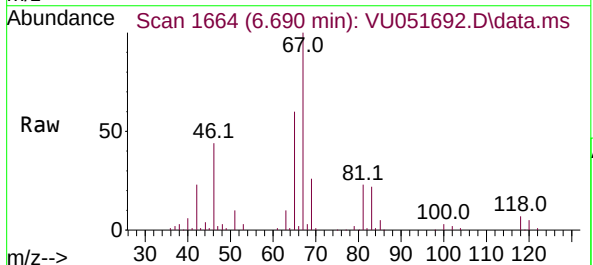
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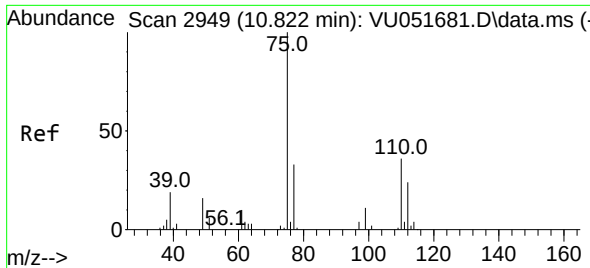
Tgt Ion: 83 Resp: 21884
Ion Ratio Lower Upper
83 100
55 0.0 60.6 90.8#
98 1.0 35.8 53.6#



#37
1,2-Dichloropropane
Concen: 0.442 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU051692.D
Acq: 02 Nov 2022 15:14

Tgt Ion: 63 Resp: 9323
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

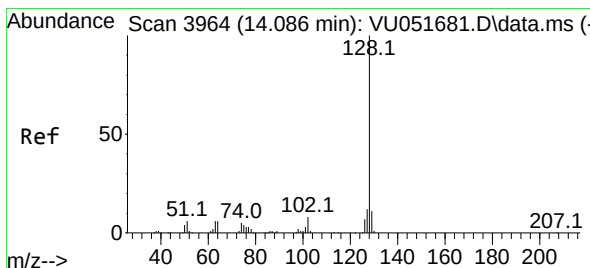
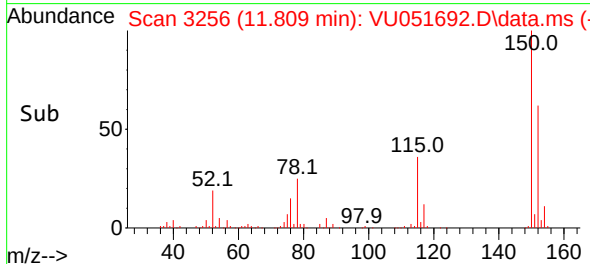
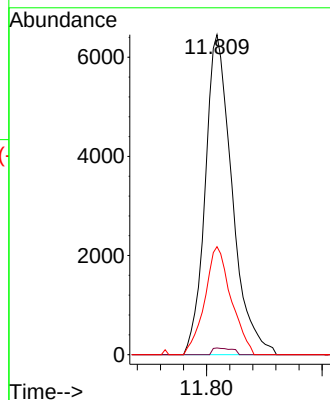
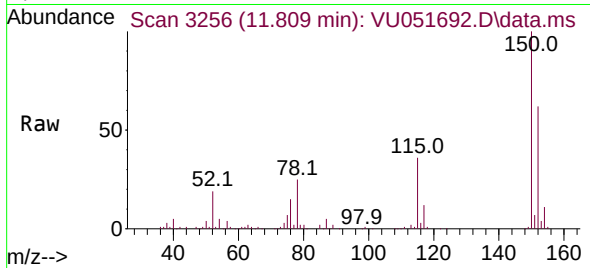




#61
1,2,3-Trichloropropane
Concen: 0.894 ug/L
RT: 11.809 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU051692.D
Acq: 02 Nov 2022 15:14

Instrument :
MSVOA_U
ClientSampleId :
DBWV9DL

Tgt Ion: 75 Resp: 10430
Ion Ratio Lower Upper
75 100
110 1.5 28.7 43.1#
77 33.1 26.1 39.1



#71
Naphthalene
Concen: 0.117 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU051692.D
Acq: 02 Nov 2022 15:14

Tgt Ion: 128 Resp: 3931
Ion Ratio Lower Upper
128 100
129 7.6 8.4 12.6#
127 9.0 10.3 15.5#

