

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031622\
 Data File : VU047592.D
 Acq On : 16 Mar 2022 16:01
 Operator : SY/MD
 Sample : N1858-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNK1

Quant Time: Mar 17 00:52:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 17 00:50:30 2022
 Response via : Initial Calibration

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

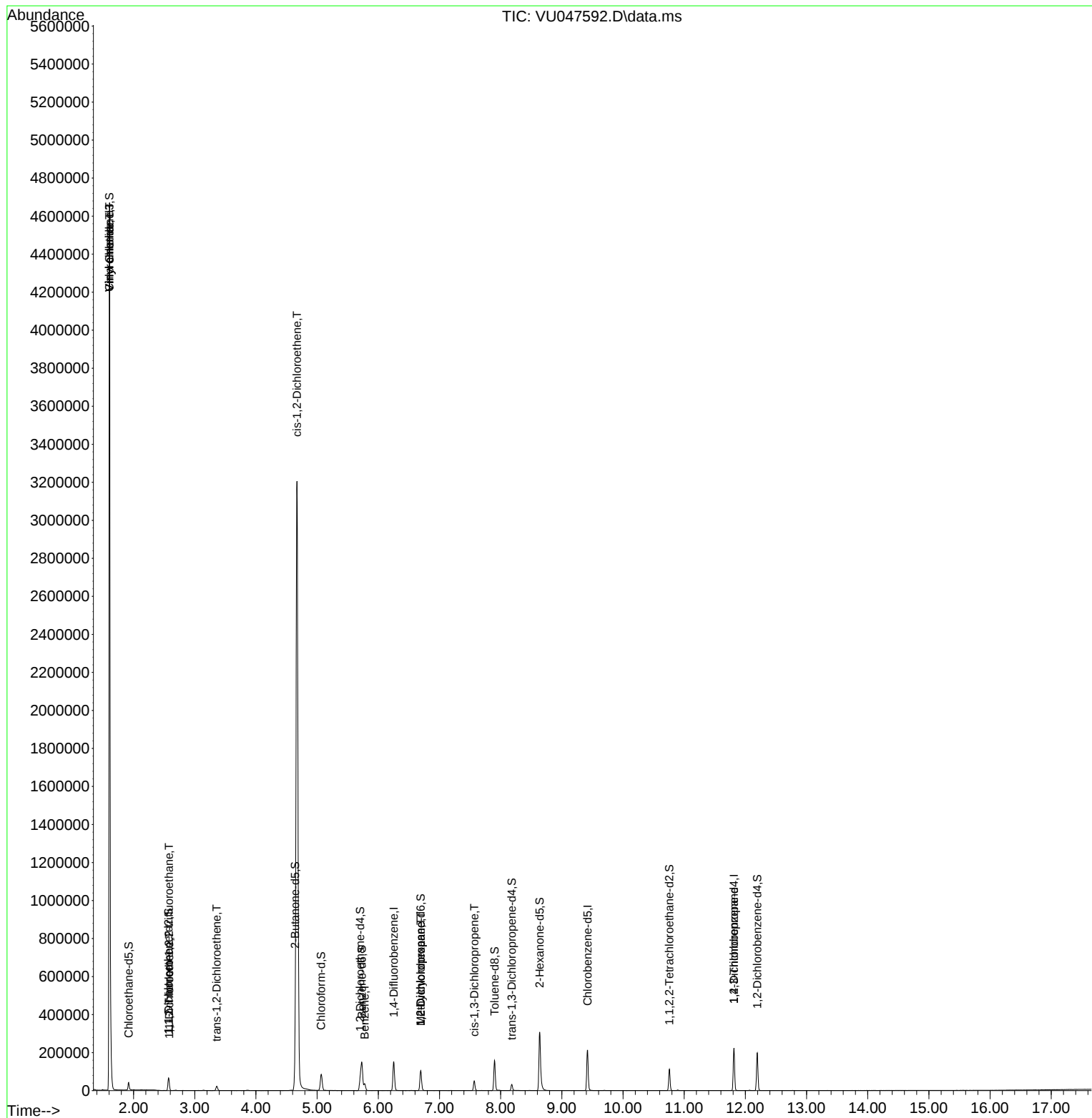
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	129549	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	126569	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	64465	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	53788	6.349	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	127.000%	
7) Chloroethane-d5	1.919	69	31423	4.087	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	81.800%	
11) 1,1-Dichloroethene-d2	2.572	65	12240	3.081	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	61.600%	
20) 2-Butanone-d5	4.642	46	146614	60.142	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	120.280%	
24) Chloroform-d	5.067	84	80699	4.338	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.800%	
26) 1,2-Dichloroethane-d4	5.703	65	46818	4.644	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.800%	
32) Benzene-d6	5.732	84	141078	3.829	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	76.600%	
36) 1,2-Dichloropropane-d6	6.694	67	50671	4.373	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.400%	
41) Toluene-d8	7.899	98	111203	3.219	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	64.400%#	
43) trans-1,3-Dichloroprop...	8.182	79	18781	3.856	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.200%	
46) 2-Hexanone-d5	8.636	63	120957	47.902	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.800%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	54589	4.718	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.400%	
66) 1,2-Dichlorobenzene-d4	12.195	152	56678	4.207	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	84.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.607	50	19850	2.539	ug/L #	44
5) Vinyl chloride	1.607	62	3302518	409.670	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	381	0.057	ug/L #	18
12) 1,1-Dichloroethene	2.584	96	1768	0.274	ug/L #	1
18) trans-1,2-Dichloroethene	3.359	96	10064	1.451	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	1729854	224.723	ug/L	98
33) Benzene	5.777	78	35186	1.230	ug/L	100
35) Methylcyclohexane	6.694	83	11981	1.099	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	5261	0.718	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	1134	0.100	ug/L #	48
61) 1,2,3-Trichloropropane	11.812	75	6662	1.232	ug/L #	66

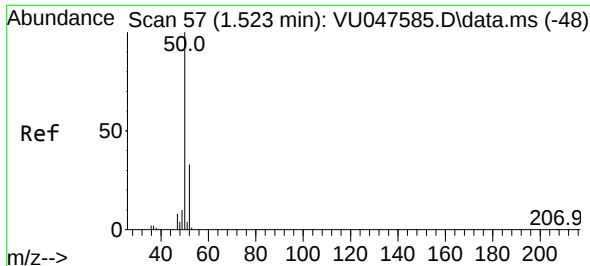
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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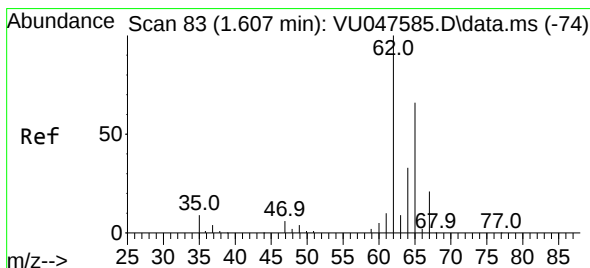
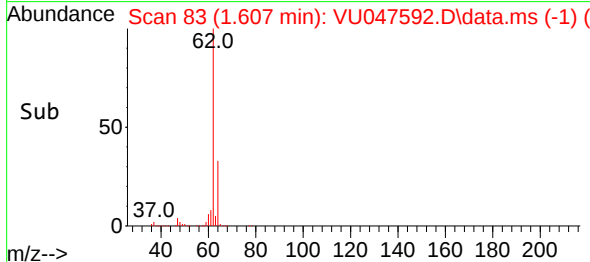
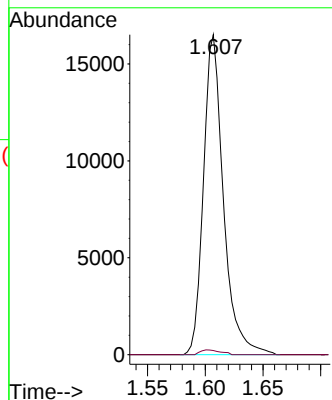
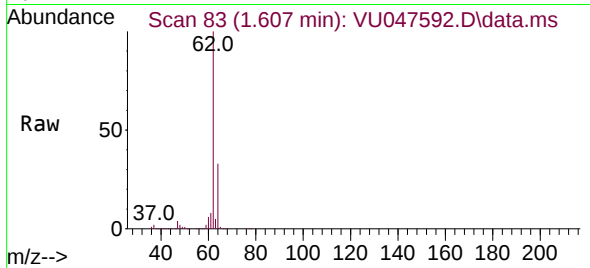




#3
Chloromethane
Concen: 2.539 ug/L
RT: 1.607 min Scan# 81
Delta R.T. 0.084 min
Lab File: VU047592.D
Acq: 16 Mar 2022 16:01

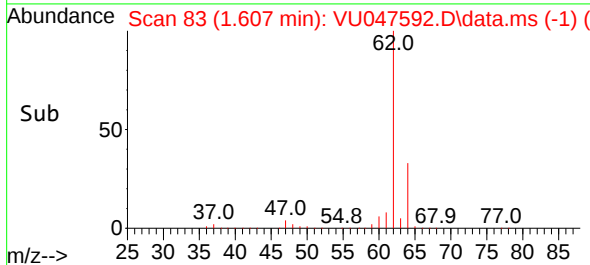
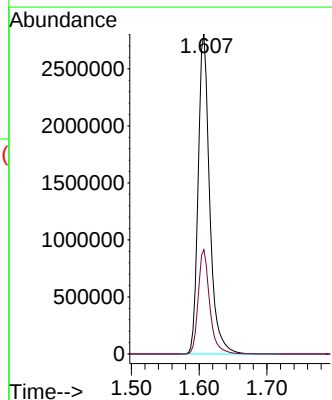
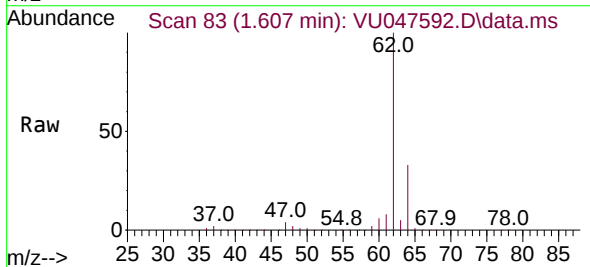
Instrument :
MSVOA_U
ClientSampleId :
ETNK1

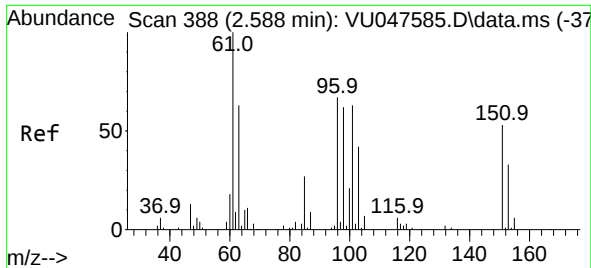
Tgt Ion: 50 Resp: 19850
Ion Ratio Lower Upper
50 100
52 1.3 23.2 43.0#



#5
Vinyl chloride
Concen: 409.670 ug/L
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU047592.D
Acq: 16 Mar 2022 16:01

Tgt Ion: 62 Resp: 3302518
Ion Ratio Lower Upper
62 100
64 32.6 23.5 43.7

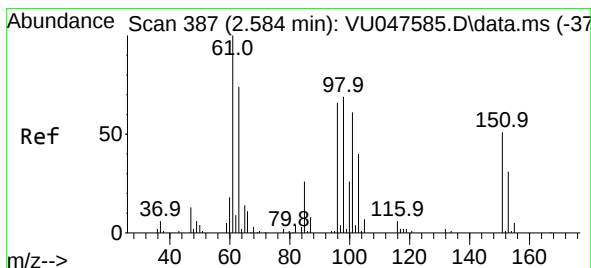
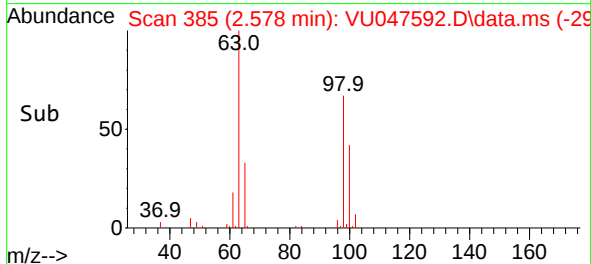
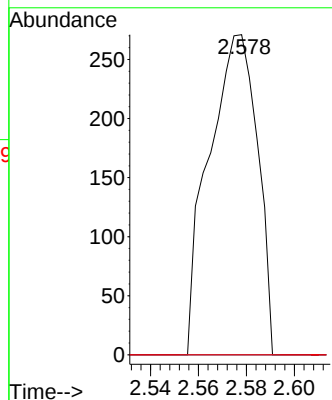
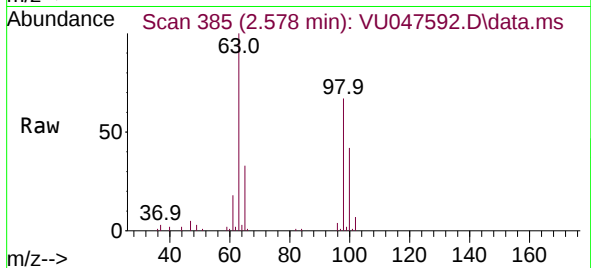




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.057 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.010 min
Lab File: VU047592.D
Acq: 16 Mar 2022 16:01

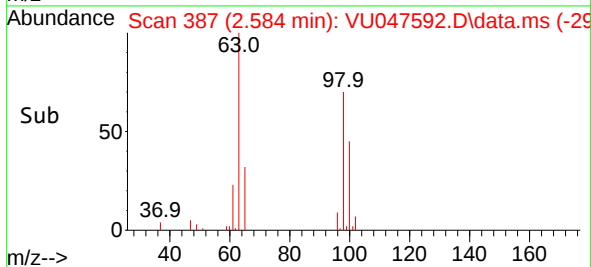
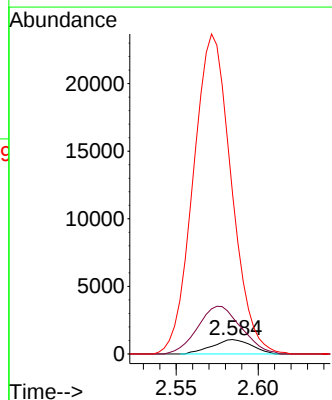
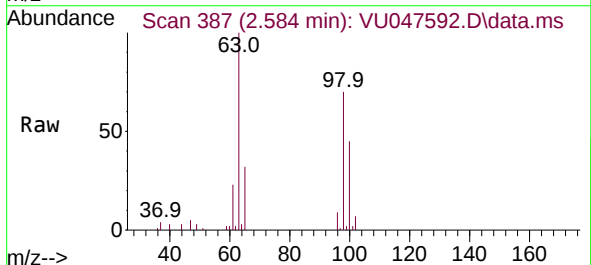
Instrument :
MSVOA_U
ClientSampleId :
ETNK1

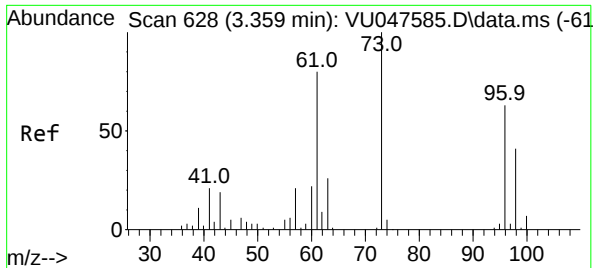
Tgt Ion:101 Resp: 381
Ion Ratio Lower Upper
101 100
85 0.0 34.0 51.0#
151 0.0 63.8 95.6#



#12
1,1-Dichloroethene
Concen: 0.274 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU047592.D
Acq: 16 Mar 2022 16:01

Tgt Ion: 96 Resp: 1768
Ion Ratio Lower Upper
96 100
61 253.1 111.4 207.0#
63 1103.2 106.6 198.0#

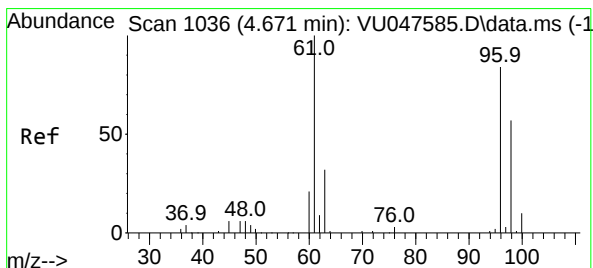
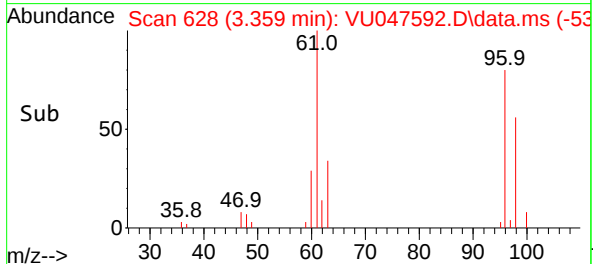
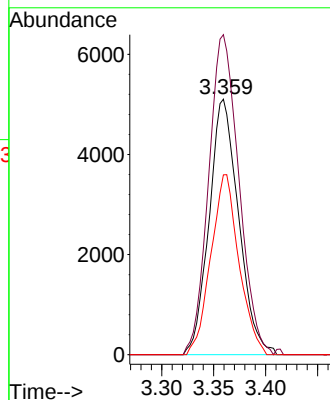
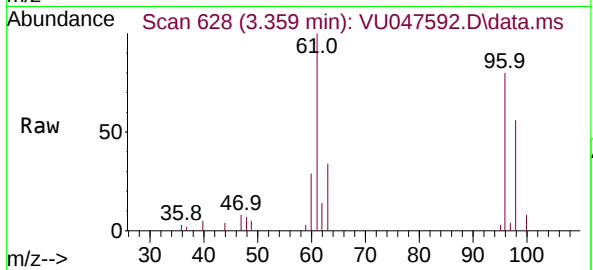




#18
trans-1,2-Dichloroethene
Concen: 1.451 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047592.D
Acq: 16 Mar 2022 16:01

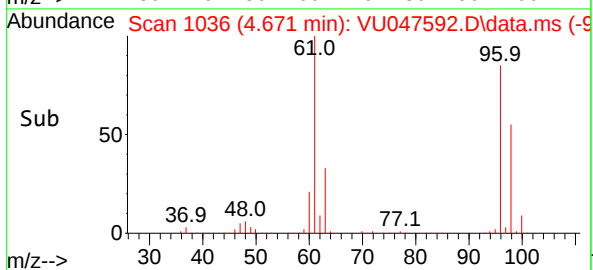
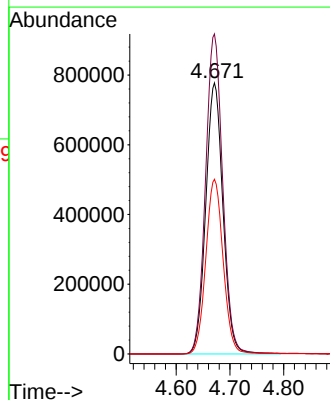
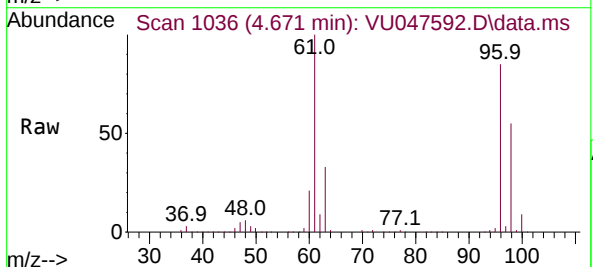
Instrument :
MSVOA_U
ClientSampleId :
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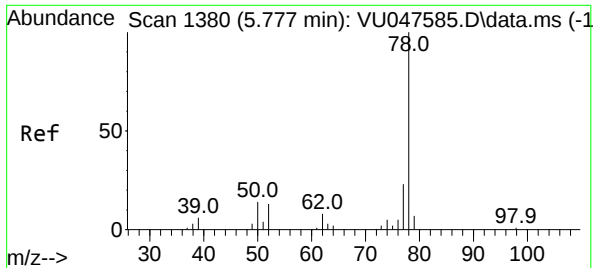
Tgt Ion: 96 Resp: 10064
Ion Ratio Lower Upper
96 100
61 125.2 91.7 170.3
98 70.4 45.1 83.7



#22
cis-1,2-Dichloroethene
Concen: 224.723 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047592.D
Acq: 16 Mar 2022 16:01

Tgt Ion: 96 Resp: 1729854
Ion Ratio Lower Upper
96 100
61 118.0 83.9 155.7
98 64.5 46.4 86.2

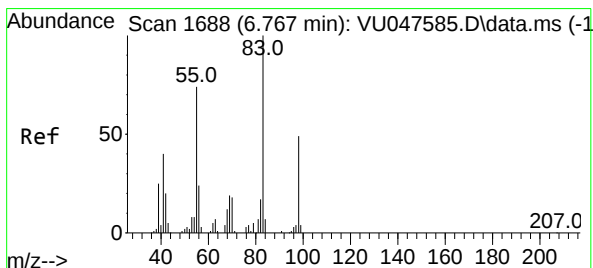
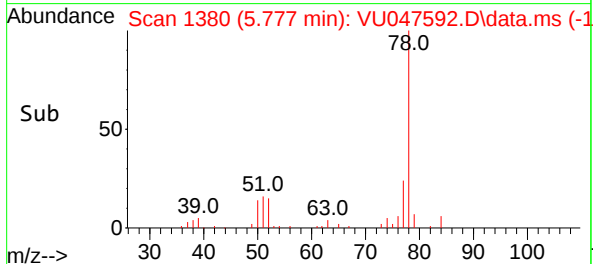
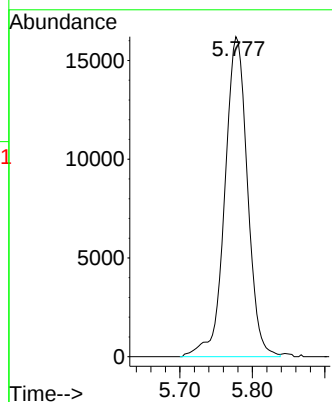
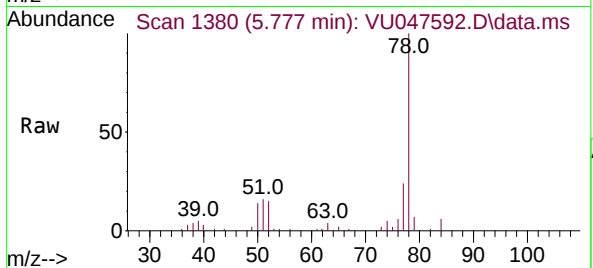




#33
Benzene
Concen: 1.230 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047592.D
Acq: 16 Mar 2022 16:01

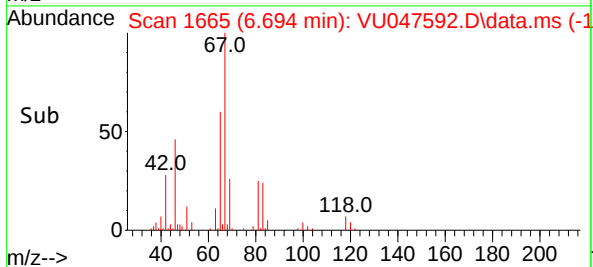
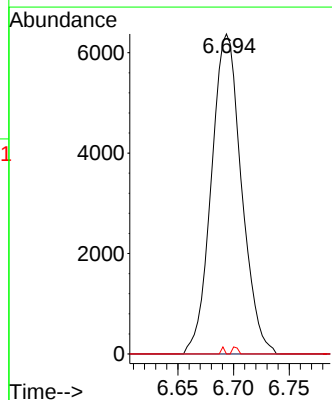
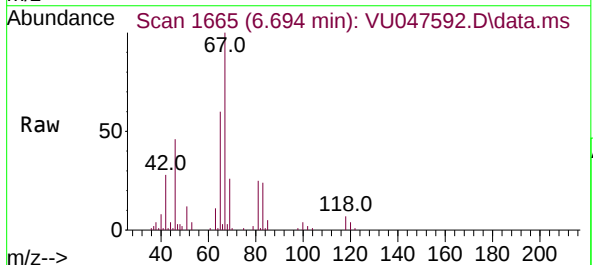
Instrument :
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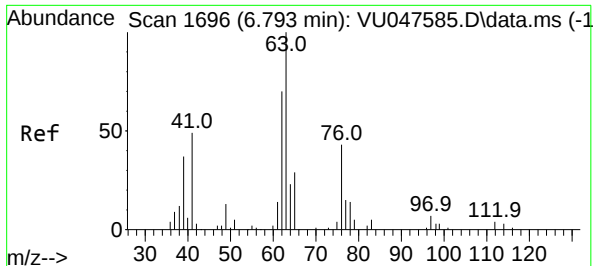
Tgt Ion: 78 Resp: 35186



#35
Methylcyclohexane
Concen: 1.099 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047592.D
Acq: 16 Mar 2022 16:01

Tgt Ion: 83 Resp: 11981
Ion Ratio Lower Upper
83 100
55 0.0 57.3 85.9#
98 0.2 37.5 56.3#





#37

1,2-Dichloropropane

Concen: 0.718 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047592.D

Acq: 16 Mar 2022 16:01

Instrument :

MSVOA_U

ClientSampleId :

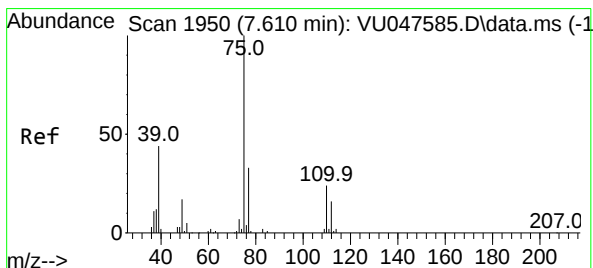
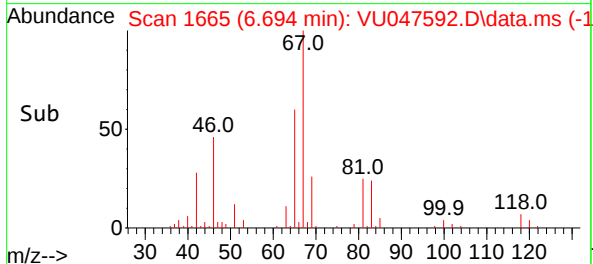
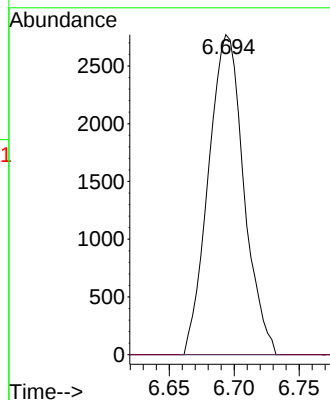
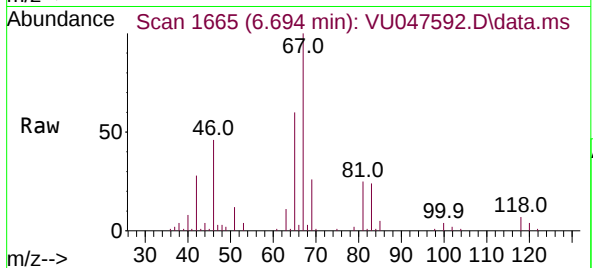
ETNK1

Tgt Ion: 63 Resp: 5261

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU047592.D

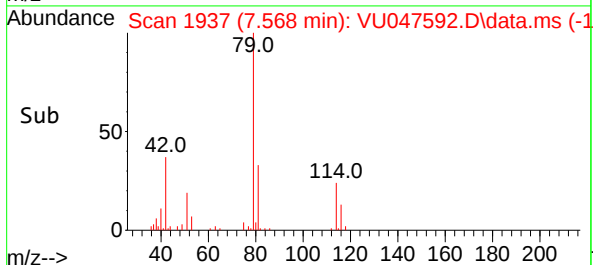
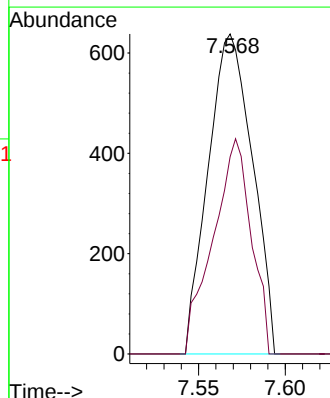
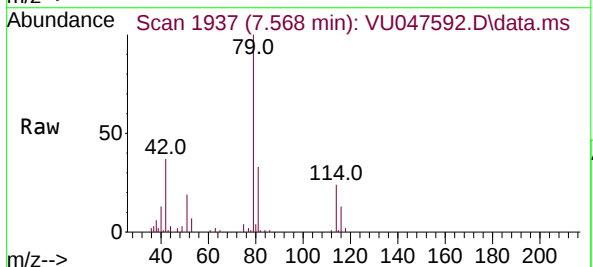
Acq: 16 Mar 2022 16:01

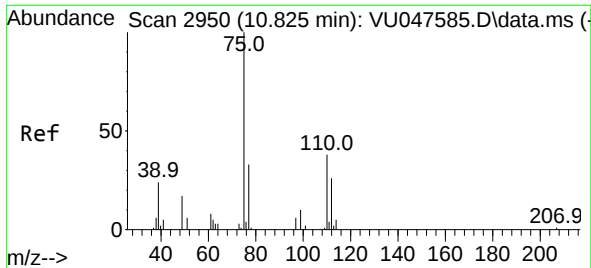
Tgt Ion: 75 Resp: 1134

Ion Ratio Lower Upper

75 100

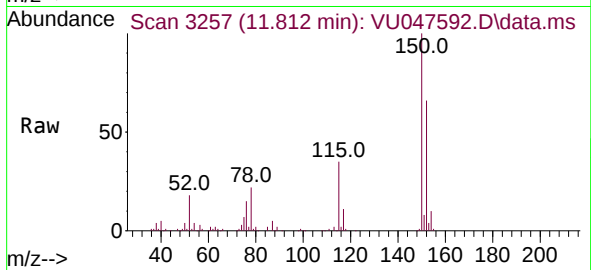
77 61.6 22.6 42.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.232 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU047592.D
 Acq: 16 Mar 2022 16:01

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:	75	Resp:	6662
Ion	Ratio	Lower	Upper
75	100		
110	0.6	30.2	45.4#
77	31.5	26.6	39.8

