

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031422\
 Data File : VU047560.D
 Acq On : 15 Mar 2022 01:12
 Operator : SY/MD
 Sample : N1858-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNK2

Quant Time: Mar 15 06:18:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 15 05:45:04 2022
 Response via : Initial Calibration

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

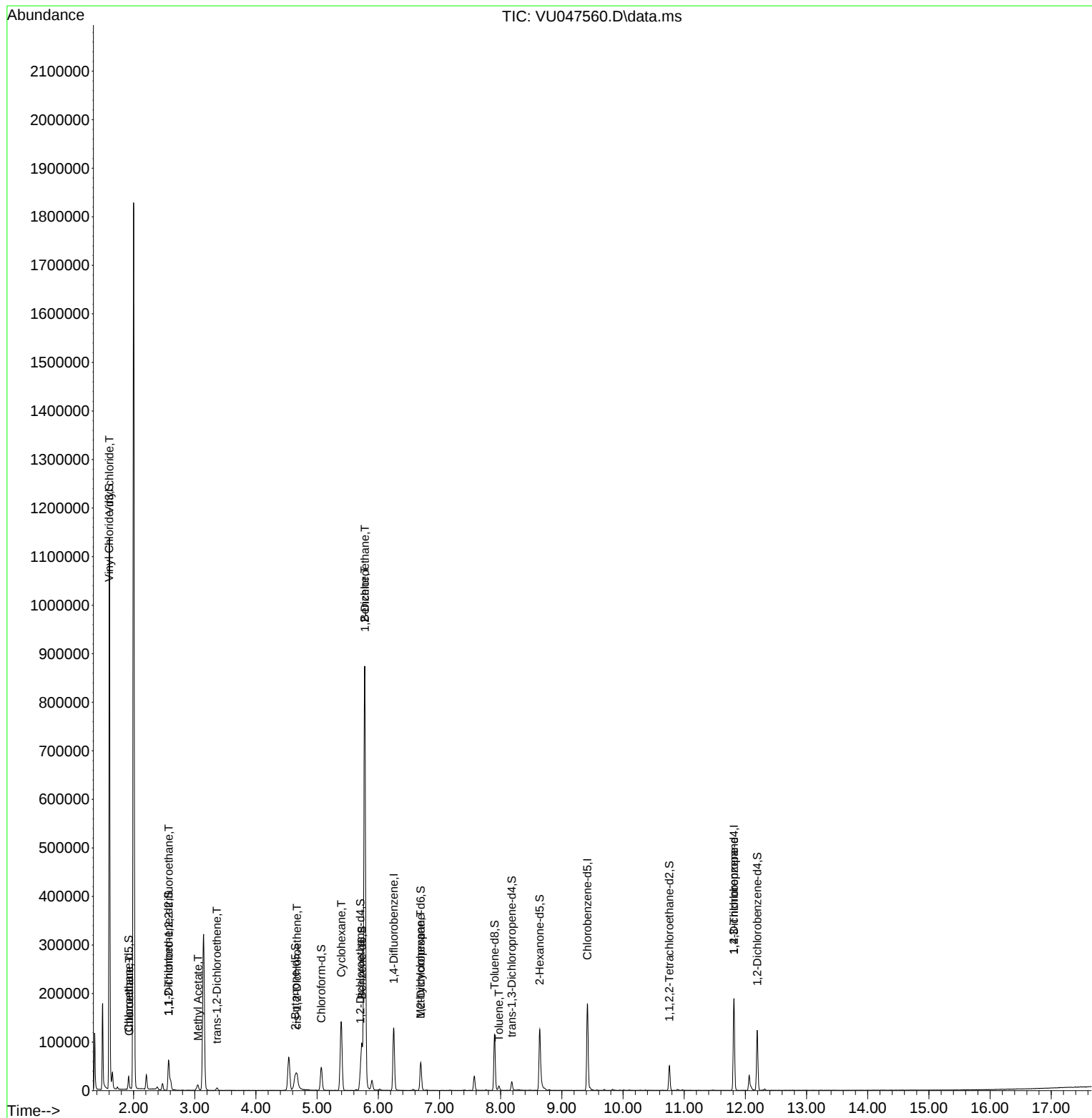
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	110635	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	106582	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	52889	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	24500	3.386	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.800%
7) Chloroethane-d5	1.919	69	19613	2.987	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	59.800%#
11) 1,1-Dichloroethene-d2	2.571	65	11069	3.262	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.200%
20) 2-Butanone-d5	4.645	46	60310	28.969	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	57.940%
24) Chloroform-d	5.070	84	45261	2.849	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	57.000%#
26) 1,2-Dichloroethane-d4	5.706	65	23580	2.739	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	54.800%#
32) Benzene-d6	5.732	84	91976	2.964	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	59.200%#
36) 1,2-Dichloropropane-d6	6.694	67	28114	2.881	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	57.600%#
41) Toluene-d8	7.899	98	80868	2.780	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	55.600%#
43) trans-1,3-Dichloroprop...	8.182	79	10659	2.599	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	52.000%#
46) 2-Hexanone-d5	8.639	63	49072	23.078	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	46.160%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	25211	2.587	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	51.800%#
66) 1,2-Dichlorobenzene-d4	12.195	152	35513	3.213	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	64.200%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	22694	3.296	ug/L	96
8) Chloroethane	1.925	64	460	0.111	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	251	0.044	ug/L #	18
15) Methyl Acetate	3.054	43	7423	3.313	ug/L #	48
18) trans-1,2-Dichloroethene	3.362	96	1497	0.253	ug/L #	83
22) cis-1,2-Dichloroethene	4.671	96	10000	1.521	ug/L	100
27) 1,2-Dichloroethane	5.780	62	8584	1.171	ug/L #	74
30) Cyclohexane	5.395	56	67606	8.260	ug/L	99
33) Benzene	5.777	78	847550	35.195	ug/L	100
35) Methylcyclohexane	6.690	83	6611	0.720	ug/L #	20
42) Toluene	7.970	91	7059	0.270	ug/L	100
61) 1,2,3-Trichloropropane	11.812	75	5659	1.276	ug/L #	68

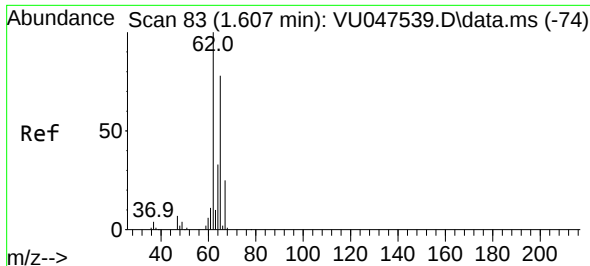
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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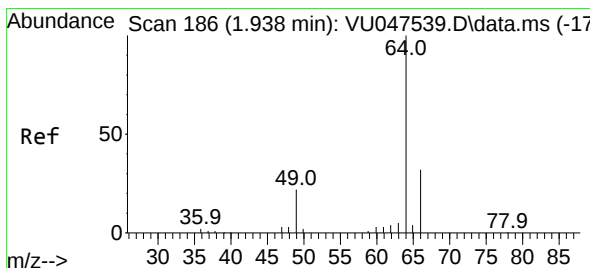
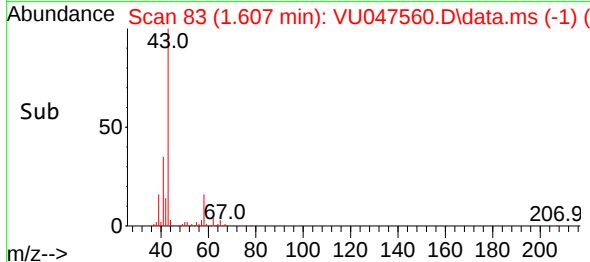
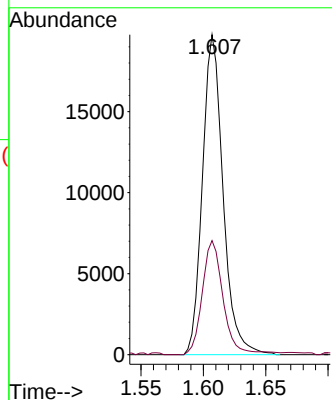
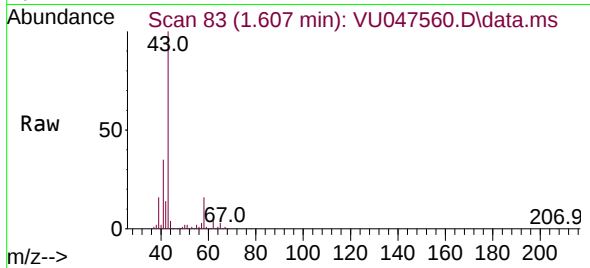




#5
 Vinyl chloride
 Concen: 3.296 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047560.D
 Acq: 15 Mar 2022 01:12

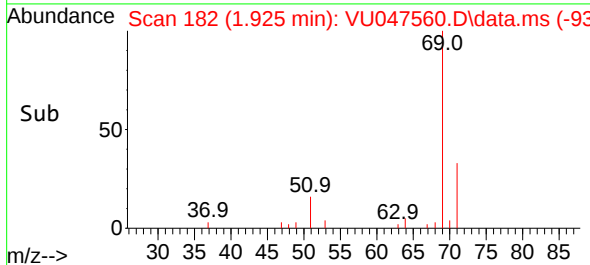
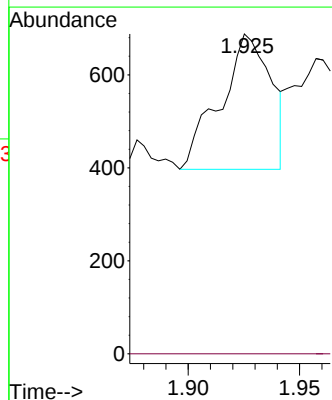
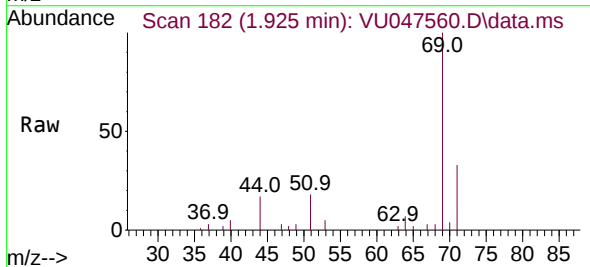
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNK2

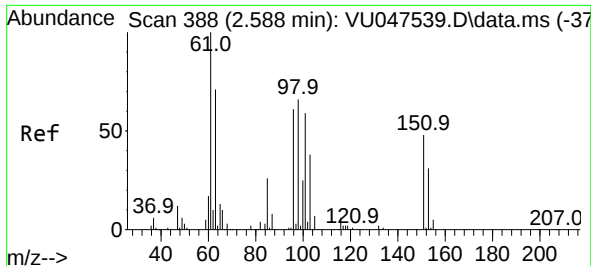
Tgt Ion: 62 Resp: 22694
 Ion Ratio Lower Upper
 62 100
 64 35.7 23.5 43.7



#8
 Chloroethane
 Concen: 0.111 ug/L
 RT: 1.925 min Scan# 182
 Delta R.T. -0.013 min
 Lab File: VU047560.D
 Acq: 15 Mar 2022 01:12

Tgt Ion: 64 Resp: 460
 Ion Ratio Lower Upper
 64 100
 66 0.0 22.0 40.8#

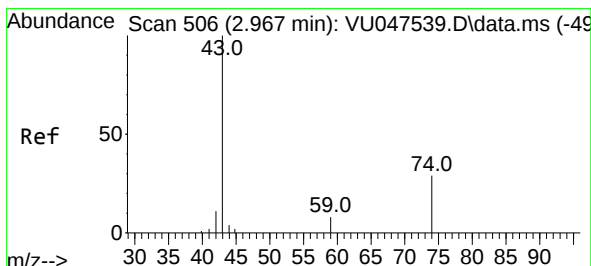
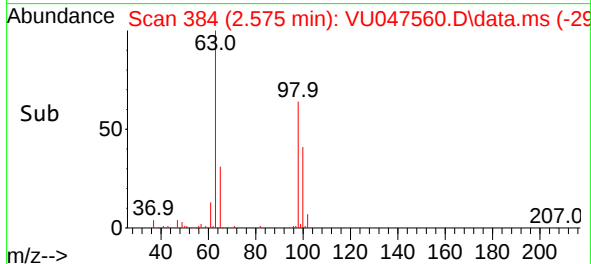
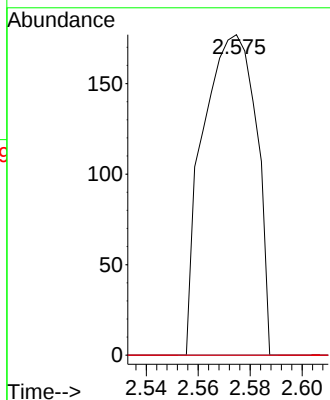
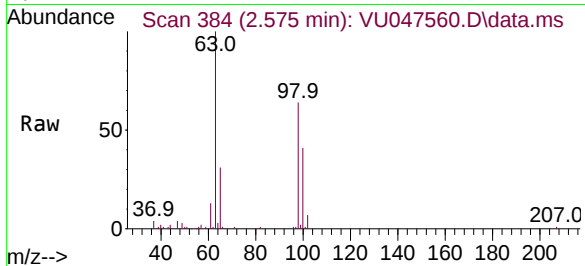




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.044 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU047560.D
Acq: 15 Mar 2022 01:12

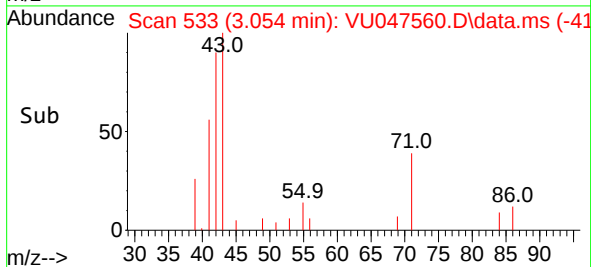
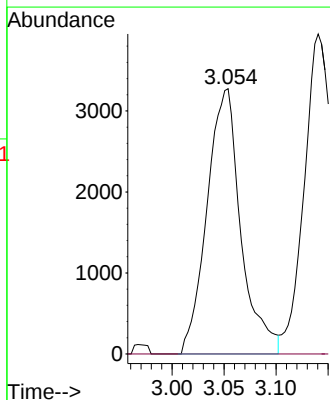
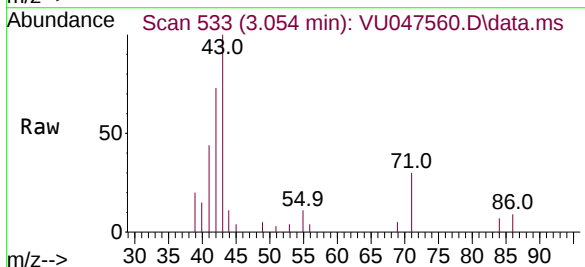
Instrument :
MSVOA_U
ClientSampleId :
ETNK2

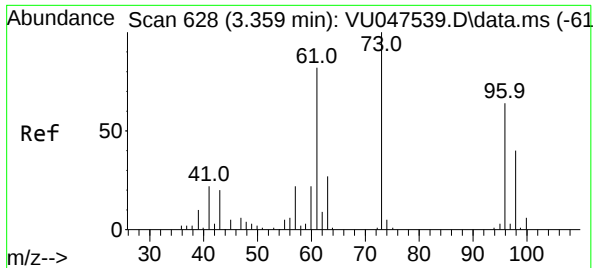
Tgt Ion:101 Resp: 251
Ion Ratio Lower Upper
101 100
85 0.0 34.0 51.0#
151 0.0 63.8 95.6#



#15
Methyl Acetate
Concen: 3.313 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.087 min
Lab File: VU047560.D
Acq: 15 Mar 2022 01:12

Tgt Ion: 43 Resp: 7423
Ion Ratio Lower Upper
43 100
74 0.0 21.8 32.6#

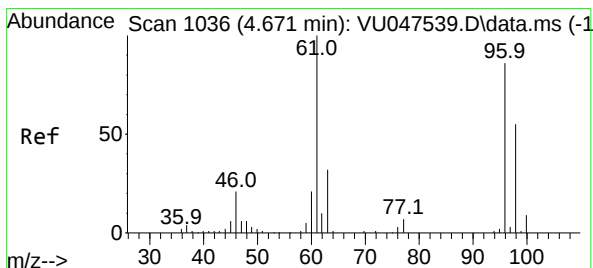
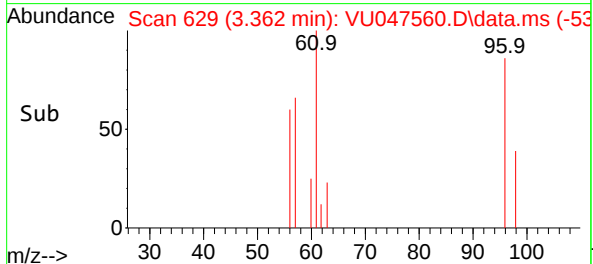
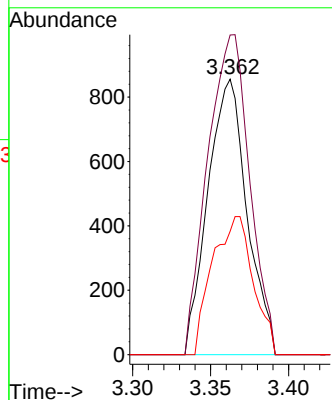
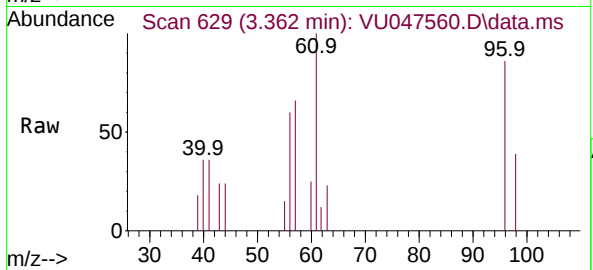




#18
trans-1,2-Dichloroethene
Concen: 0.253 ug/L
RT: 3.362 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU047560.D
Acq: 15 Mar 2022 01:12

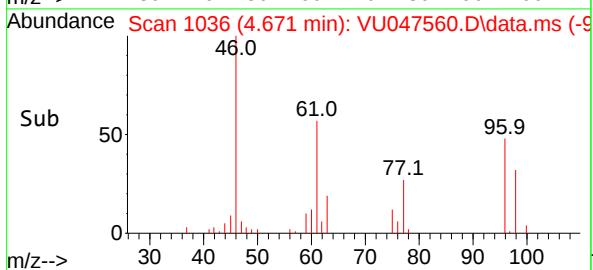
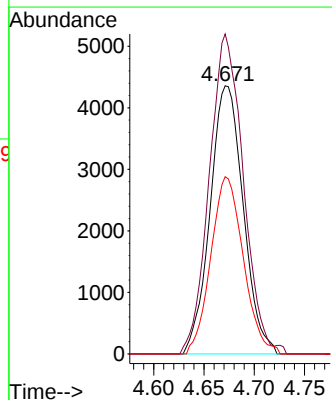
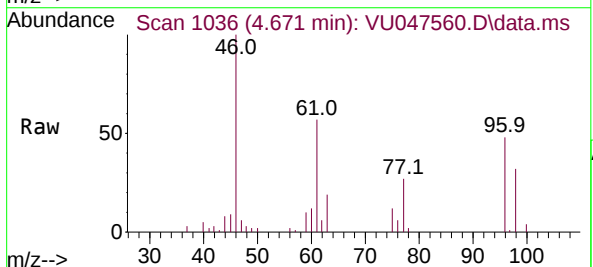
Instrument :
MSVOA_U
ClientSampleId :
ETNK2

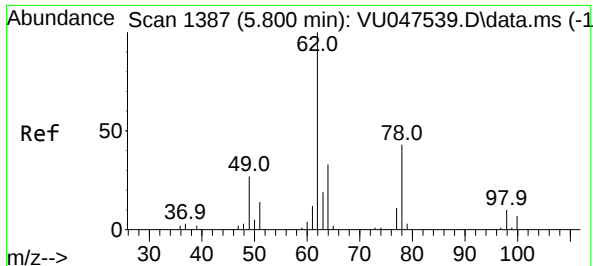
Tgt Ion: 96 Resp: 1497
Ion Ratio Lower Upper
96 100
61 116.0 91.7 170.3
98 44.7 45.1 83.7#



#22
cis-1,2-Dichloroethene
Concen: 1.521 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047560.D
Acq: 15 Mar 2022 01:12

Tgt Ion: 96 Resp: 10000
Ion Ratio Lower Upper
96 100
61 119.3 83.9 155.7
98 66.1 46.4 86.2

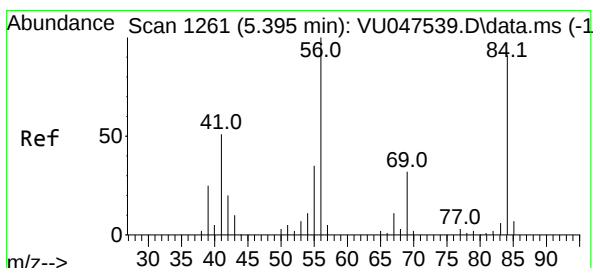
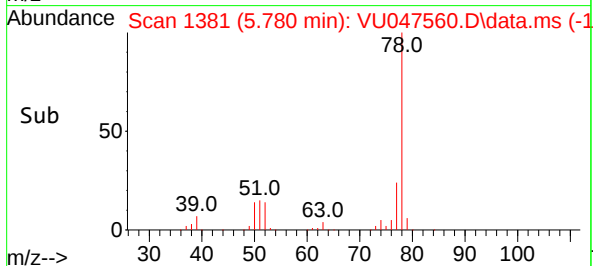
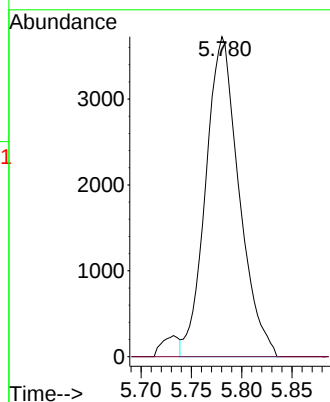
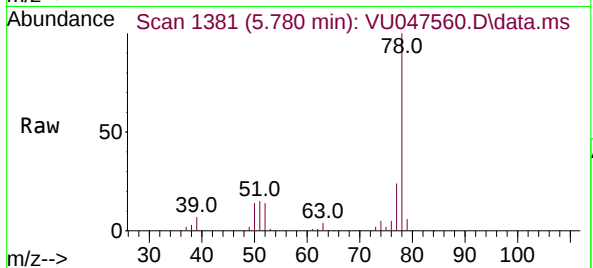




#27
1,2-Dichloroethane
Concen: 1.171 ug/L
RT: 5.780 min Scan# 11
Delta R.T. -0.019 min
Lab File: VU047560.D
Acq: 15 Mar 2022 01:12

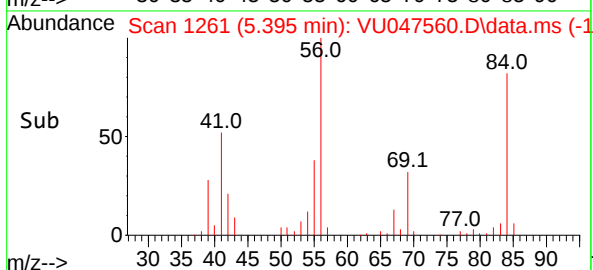
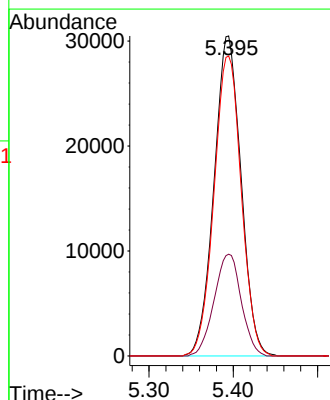
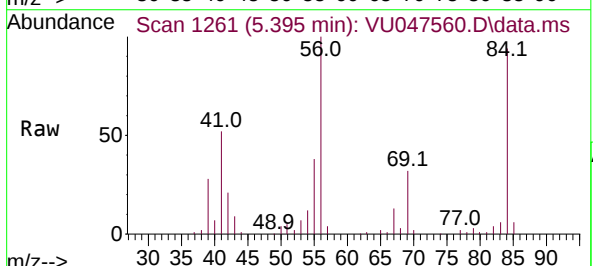
Instrument :
MSVOA_U
ClientSampleId :
ETNK2

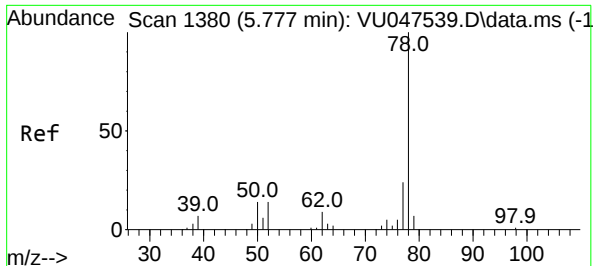
Tgt Ion: 62 Resp: 8584
Ion Ratio Lower Upper
62 100
98 0.0 7.7 11.5#



#30
Cyclohexane
Concen: 8.260 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VU047560.D
Acq: 15 Mar 2022 01:12

Tgt Ion: 56 Resp: 67606
Ion Ratio Lower Upper
56 100
69 32.0 26.0 39.0
84 94.7 76.2 114.4

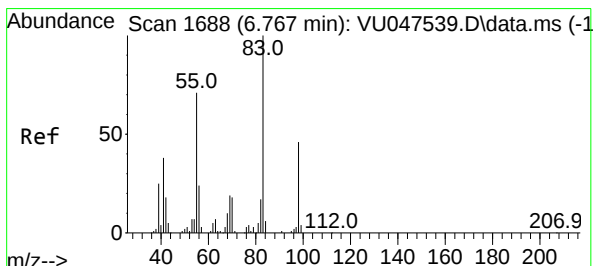
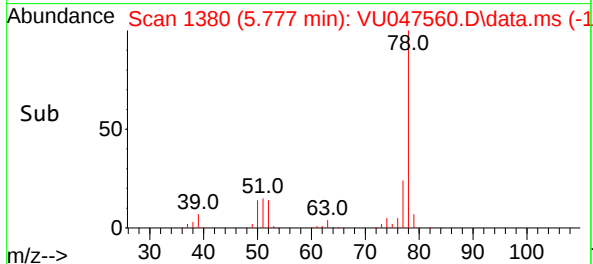
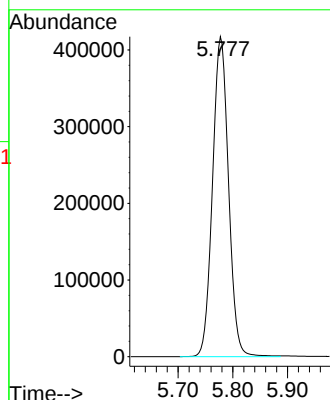
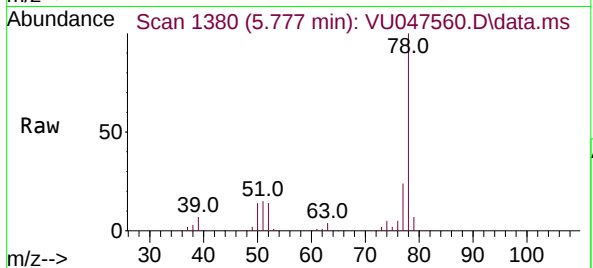




#33
Benzene
Concen: 35.195 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047560.D
Acq: 15 Mar 2022 01:12

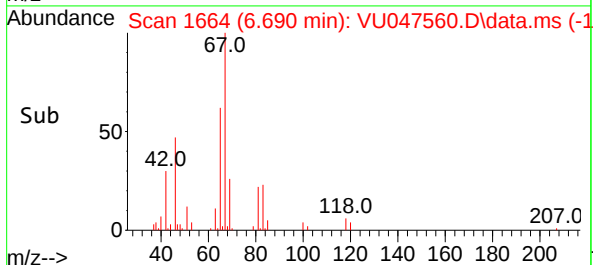
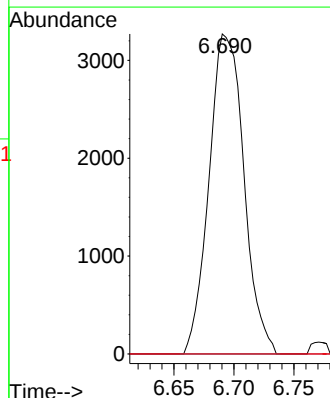
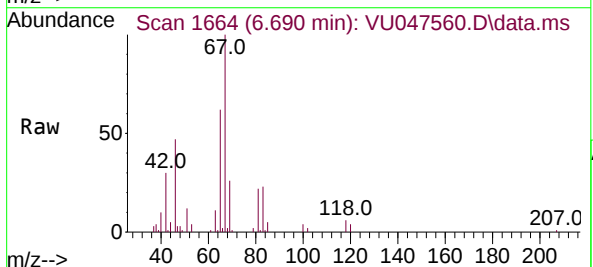
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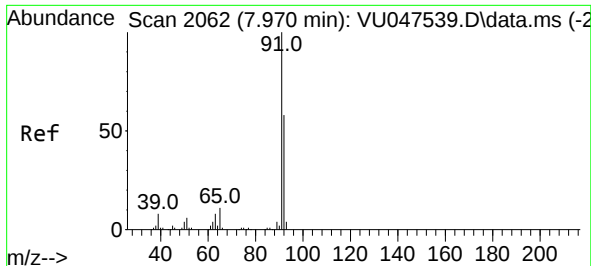
Tgt Ion: 78 Resp: 847550



#35
Methylcyclohexane
Concen: 0.720 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.077 min
Lab File: VU047560.D
Acq: 15 Mar 2022 01:12

Tgt Ion: 83 Resp: 6611
Ion Ratio Lower Upper
83 100
55 0.0 57.3 85.9#
98 0.0 37.5 56.3#





#42

Toluene

Concen: 0.270 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU047560.D

Acq: 15 Mar 2022 01:12

Instrument :

MSVOA_U

ClientSampleId :

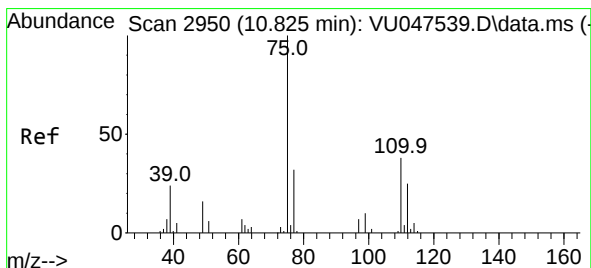
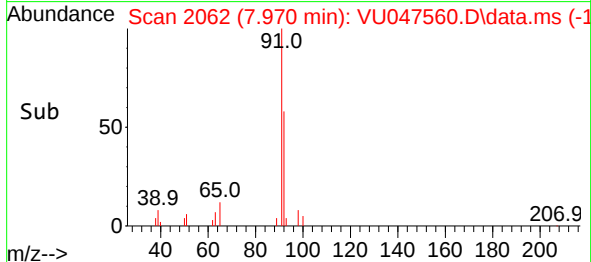
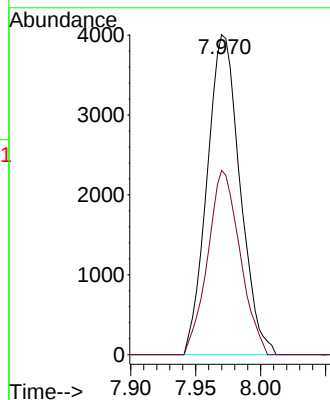
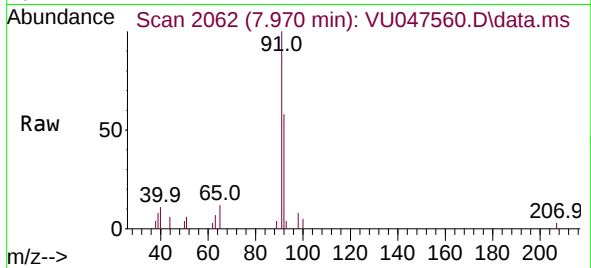
ETNK2

Tgt Ion: 91 Resp: 7059

Ion Ratio Lower Upper

91 100

92 57.6 40.2 74.6



#61

1,2,3-Trichloropropane

Concen: 1.276 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU047560.D

Acq: 15 Mar 2022 01:12

Tgt Ion: 75 Resp: 5659

Ion Ratio Lower Upper

75 100

110 2.4 30.2 45.4#

77 33.9 26.6 39.8

