

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031622\
 Data File : VU047590.D
 Acq On : 16 Mar 2022 15:08
 Operator : SY/MD
 Sample : N1858-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNK2RE

Quant Time: Mar 17 00:51:52 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)

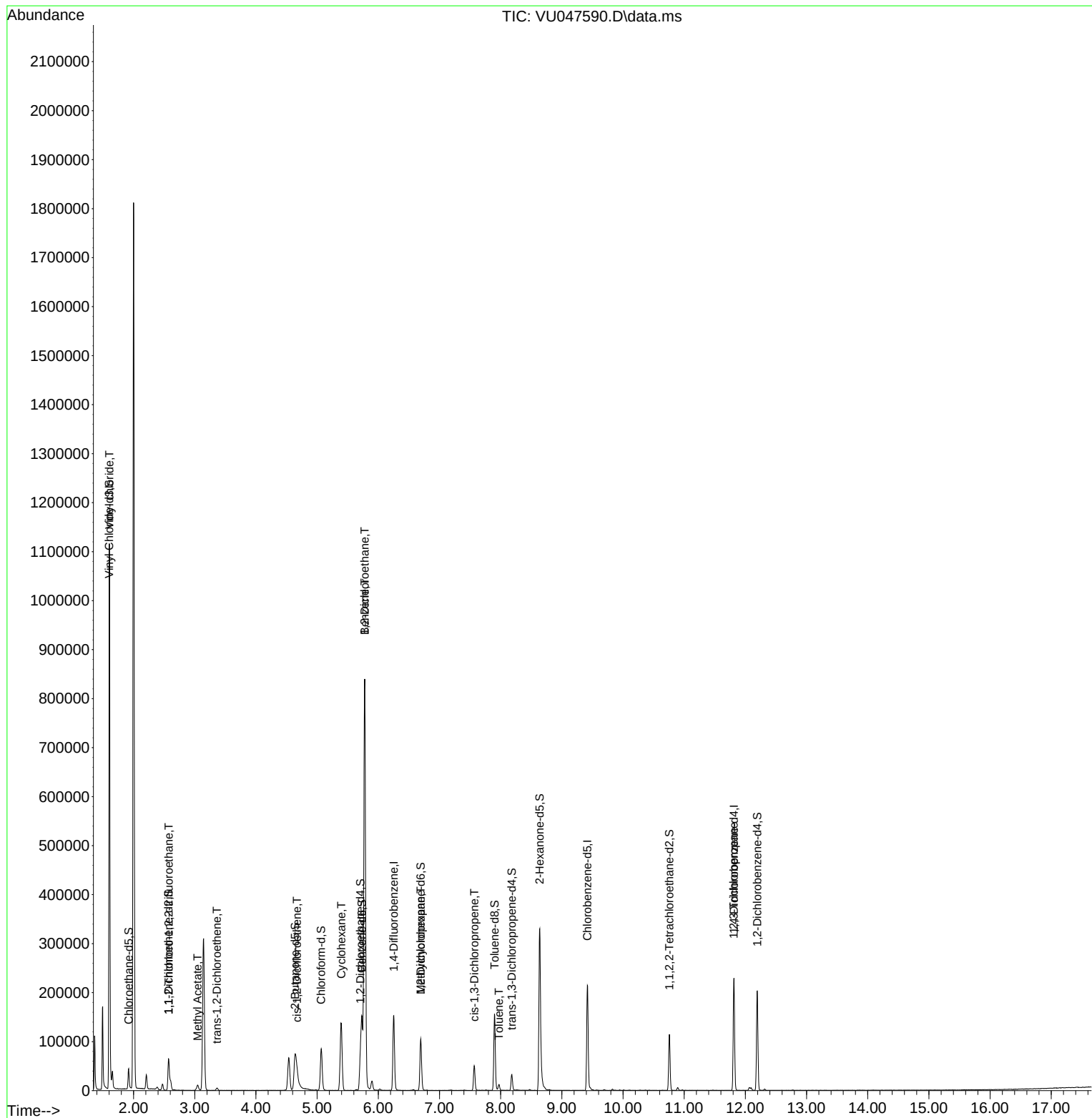
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	133743	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	128657	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	66062	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	27052	3.093	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.800%
7) Chloroethane-d5	1.919	69	31143	3.923	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.400%
11) 1,1-Dichloroethene-d2	2.572	65	11671	2.845	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.000%#
20) 2-Butanone-d5	4.642	46	154730	61.481	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.960%
24) Chloroform-d	5.067	84	80245	4.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
26) 1,2-Dichloroethane-d4	5.707	65	47209	4.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.732	84	140587	3.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.000%
36) 1,2-Dichloropropane-d6	6.694	67	50650	4.300	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.899	98	109830	3.128	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.600%#
43) trans-1,3-Dichloroprop...	8.182	79	18952	3.827	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.600%
46) 2-Hexanone-d5	8.639	63	130658	50.904	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.800%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	55675	4.734	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	57422	4.160	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	21060	2.531	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	304	0.044	ug/L #	18
15) Methyl Acetate	3.047	43	7096	2.620	ug/L #	48
18) trans-1,2-Dichloroethene	3.363	96	1292	0.180	ug/L	92
22) cis-1,2-Dichloroethene	4.671	96	7191	0.905	ug/L	99
27) 1,2-Dichloroethane	5.777	62	8517	0.961	ug/L #	74
30) Cyclohexane	5.395	56	65148	6.594	ug/L	99
33) Benzene	5.777	78	820966	28.242	ug/L	100
35) Methylcyclohexane	6.694	83	11462	1.034	ug/L #	20
39) cis-1,3-Dichloropropene	7.568	75	1158	0.100	ug/L #	48
42) Toluene	7.973	91	9152	0.290	ug/L	98
61) 1,2,3-Trichloropropane	11.809	75	6734	1.215	ug/L #	68

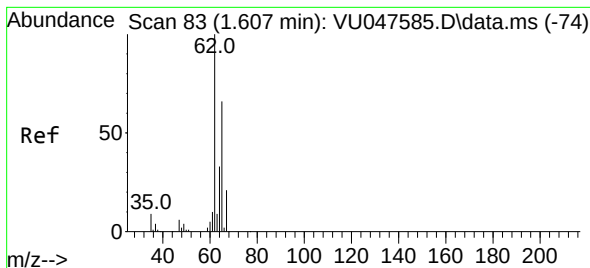
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.531 ug/L

RT: 1.607 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU047590.D

Acq: 16 Mar 2022 15:08

Instrument :

MSVOA_U

ClientSampleId :

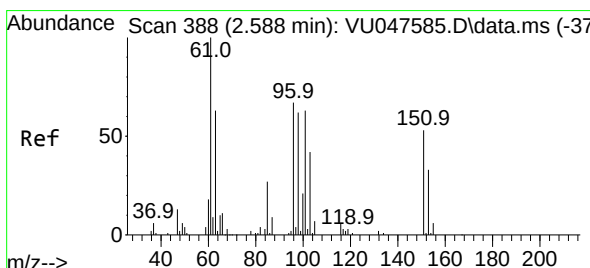
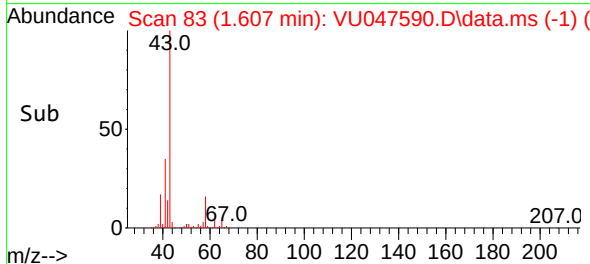
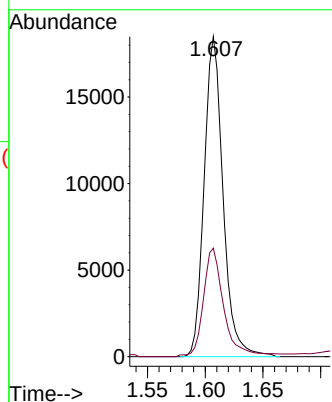
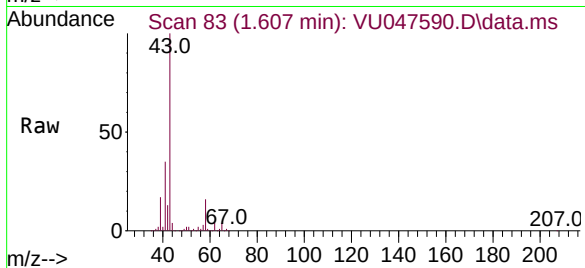
ETNK2RE

Tgt Ion: 62 Resp: 21060

Ion Ratio Lower Upper

62 100

64 33.9 23.5 43.7



#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: VU047590.D

Acq: 16 Mar 2022 15:08

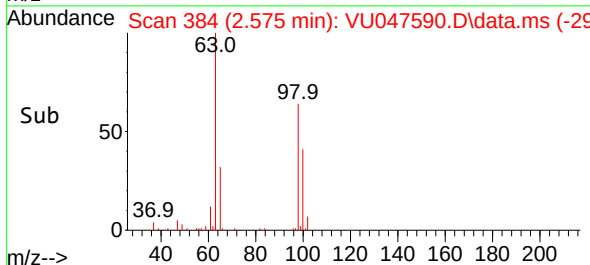
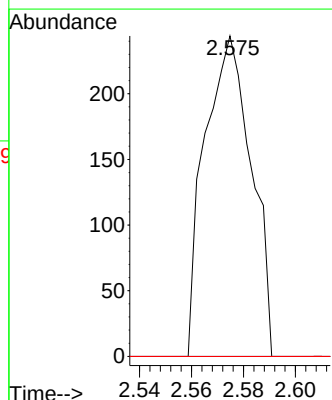
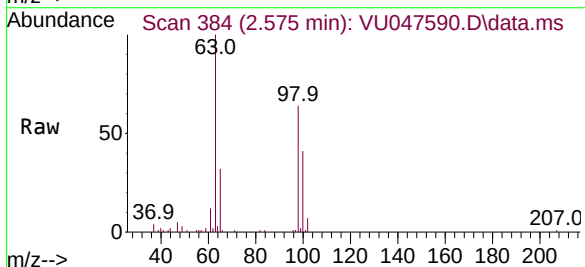
Tgt Ion: 101 Resp: 304

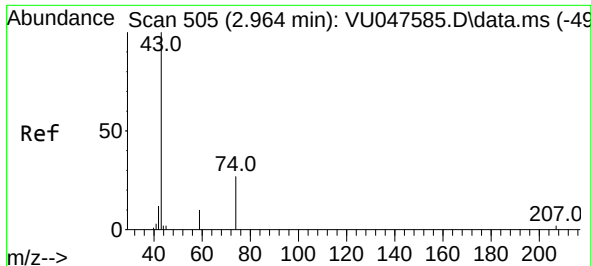
Ion Ratio Lower Upper

101 100

85 0.0 34.0 51.0#

151 0.0 63.8 95.6#

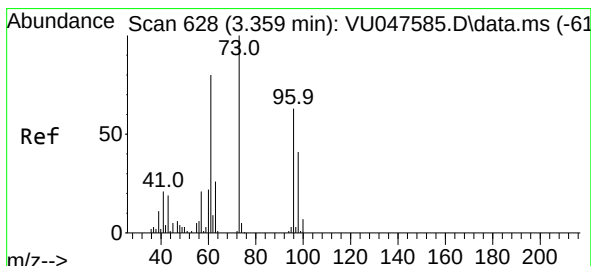
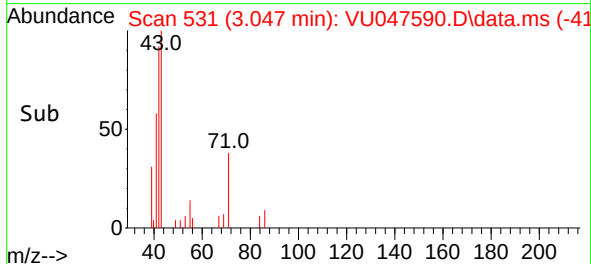
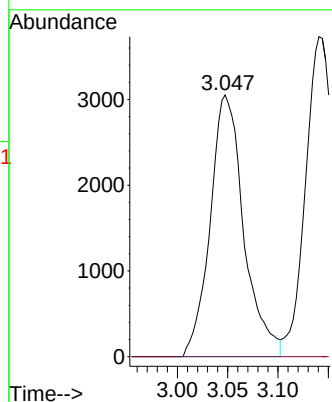
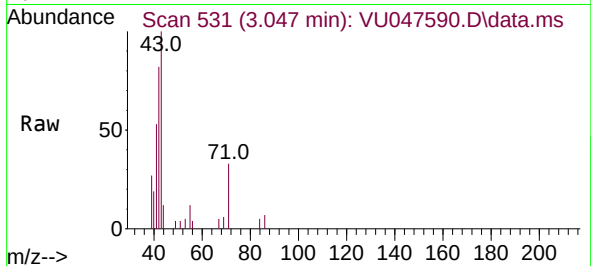




#15
Methyl Acetate
Concen: 2.620 ug/L
RT: 3.047 min Scan# 51
Delta R.T. 0.084 min
Lab File: VU047590.D
Acq: 16 Mar 2022 15:08

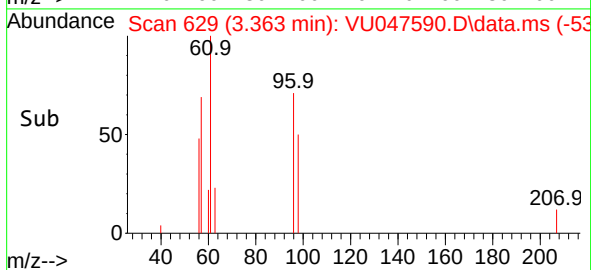
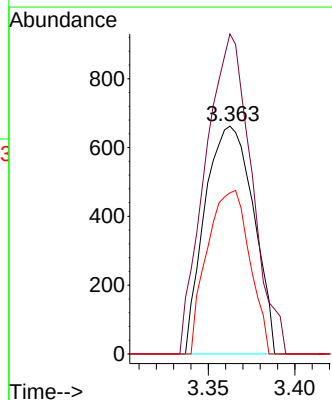
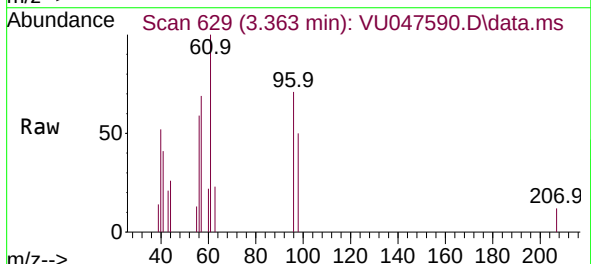
Instrument :
MSVOA_U
ClientSampleId :
ETNK2RE

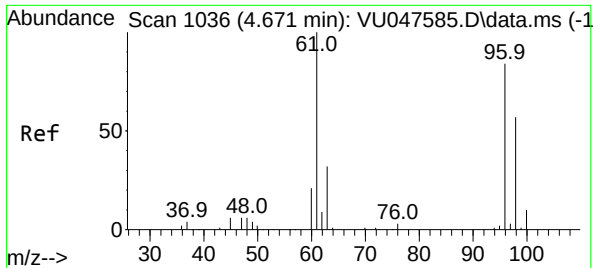
Tgt Ion: 43 Resp: 7096
Ion Ratio Lower Upper
43 100
74 0.0 21.8 32.6#



#18
trans-1,2-Dichloroethene
Concen: 0.180 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.003 min
Lab File: VU047590.D
Acq: 16 Mar 2022 15:08

Tgt Ion: 96 Resp: 1292
Ion Ratio Lower Upper
96 100
61 140.5 91.7 170.3
98 70.7 45.1 83.7

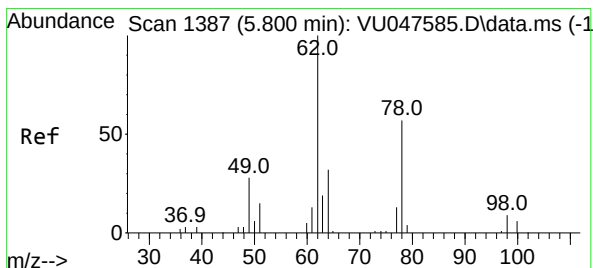
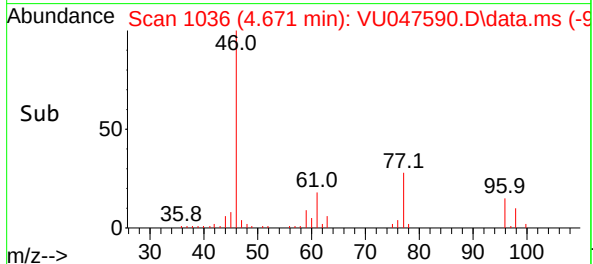
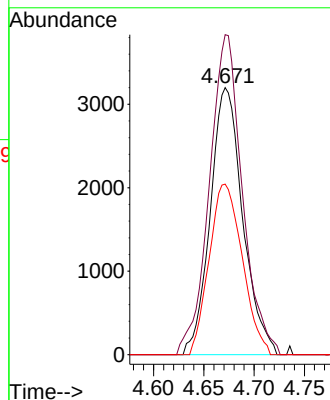
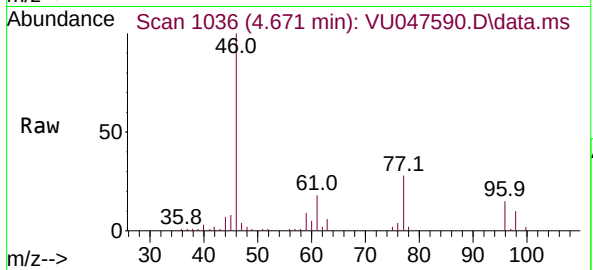




#22
 cis-1,2-Dichloroethene
 Concen: 0.905 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU047590.D
 Acq: 16 Mar 2022 15:08

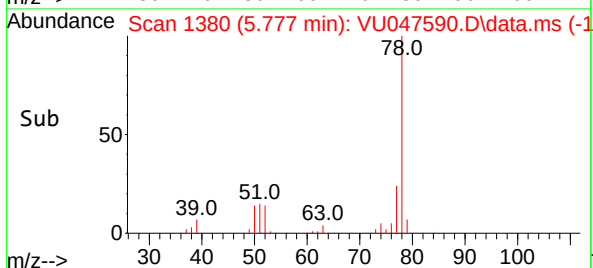
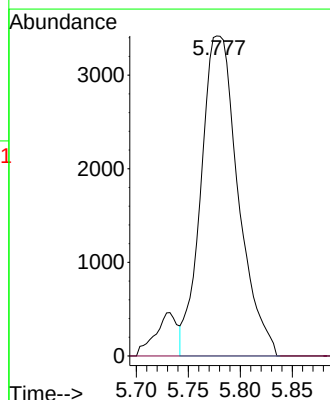
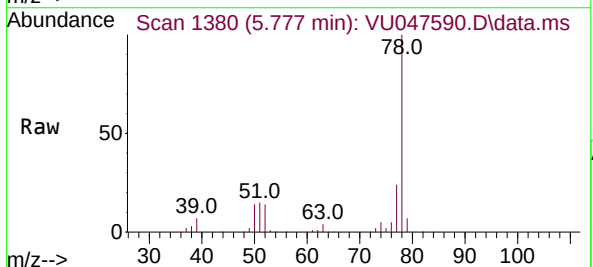
Instrument :
 MSVOA_U
 ClientSampleId :
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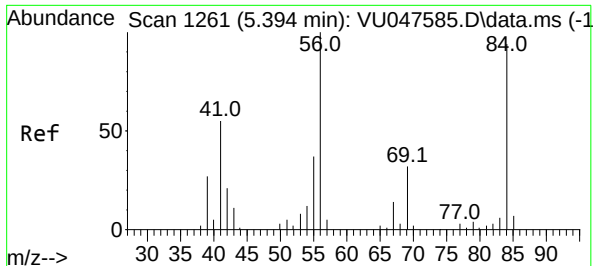
Tgt Ion: 96 Resp: 7191
 Ion Ratio Lower Upper
 96 100
 61 119.8 83.9 155.7
 98 63.9 46.4 86.2



#27
 1,2-Dichloroethane
 Concen: 0.961 ug/L
 RT: 5.777 min Scan# 1380
 Delta R.T. -0.022 min
 Lab File: VU047590.D
 Acq: 16 Mar 2022 15:08

Tgt Ion: 62 Resp: 8517
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.7 11.5#

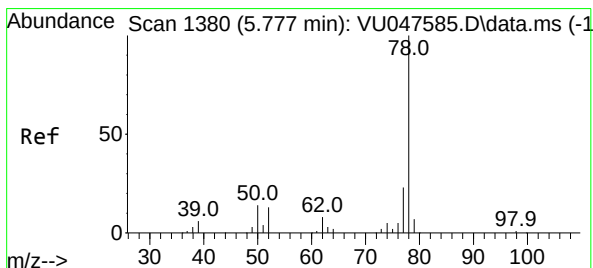
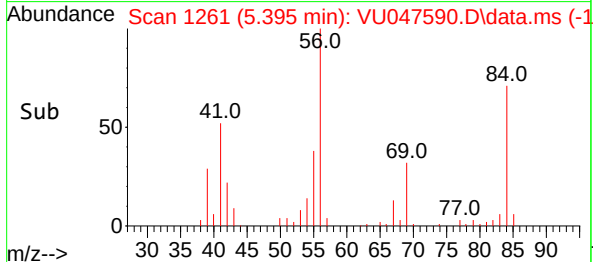
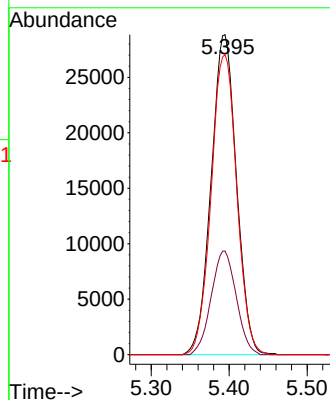
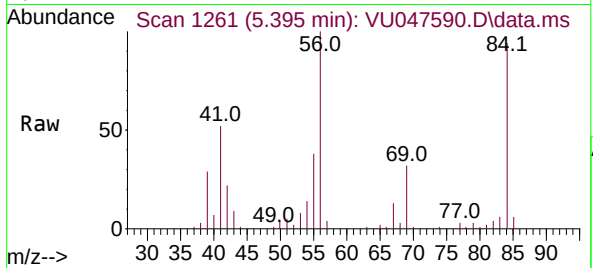




#30
Cyclohexane
Concen: 6.594 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VU047590.D
Acq: 16 Mar 2022 15:08

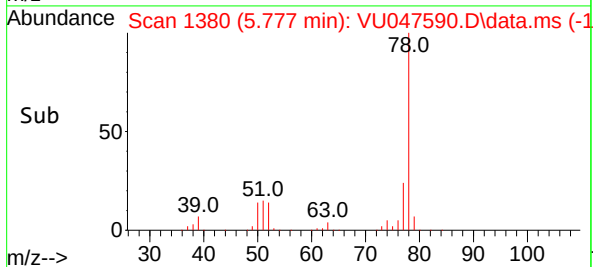
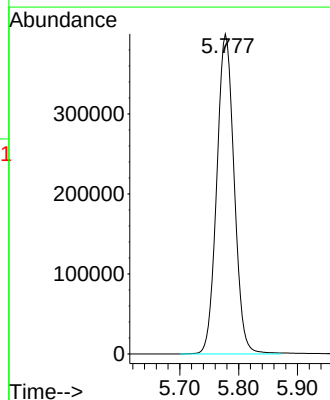
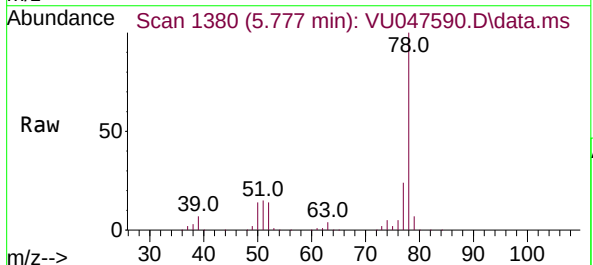
Instrument :
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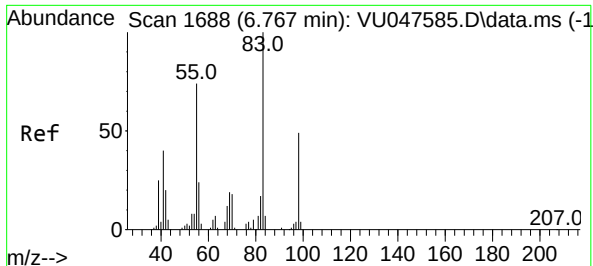
Tgt Ion: 56 Resp: 65148
Ion Ratio Lower Upper
56 100
69 32.0 26.0 39.0
84 94.7 76.2 114.4



#33
Benzene
Concen: 28.242 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047590.D
Acq: 16 Mar 2022 15:08

Tgt Ion: 78 Resp: 820966

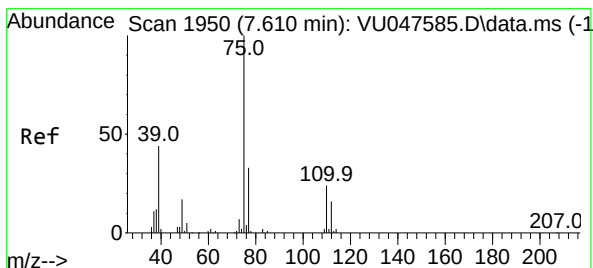
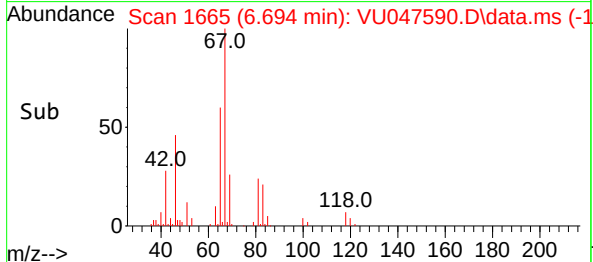
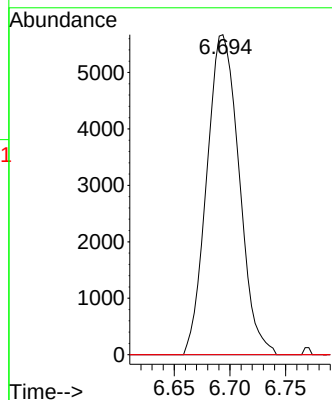
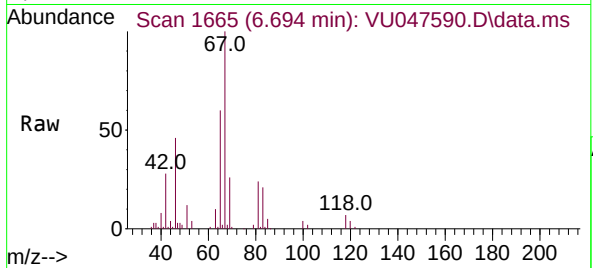




#35
Methylcyclohexane
Concen: 1.034 ug/L
RT: 6.694 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU047590.D
Acq: 16 Mar 2022 15:08

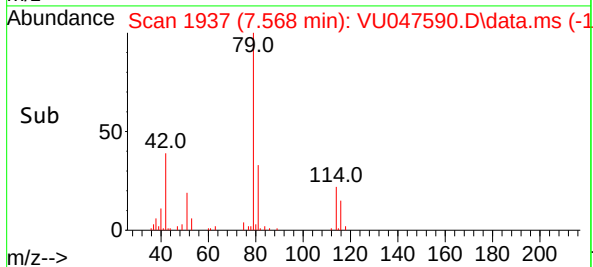
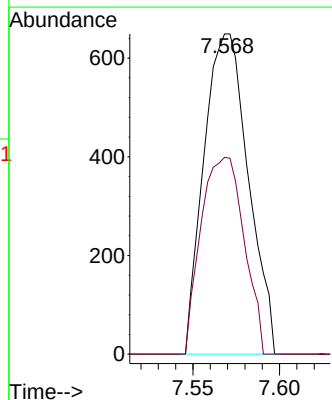
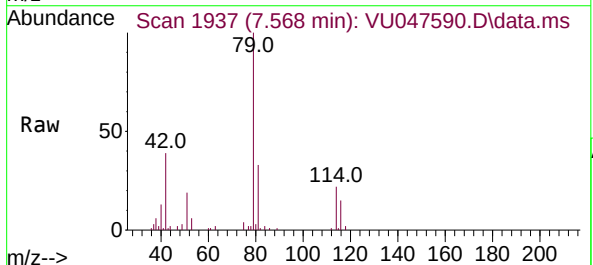
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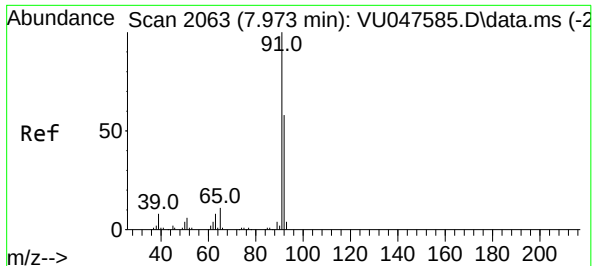
Tgt Ion: 83 Resp: 11462
Ion Ratio Lower Upper
83 100
55 0.0 57.3 85.9#
98 0.0 37.5 56.3#



#39
cis-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU047590.D
Acq: 16 Mar 2022 15:08

Tgt Ion: 75 Resp: 1158
Ion Ratio Lower Upper
75 100
77 61.5 22.6 42.0#





#42

Toluene

Concen: 0.290 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU047590.D

Acq: 16 Mar 2022 15:08

Instrument :

MSVOA_U

ClientSampleId :

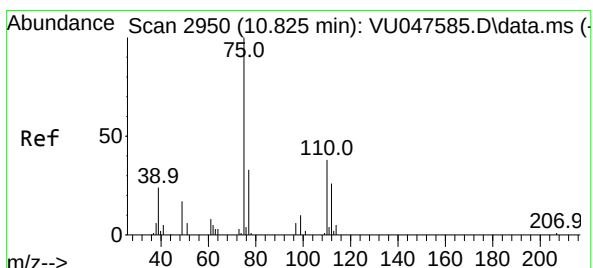
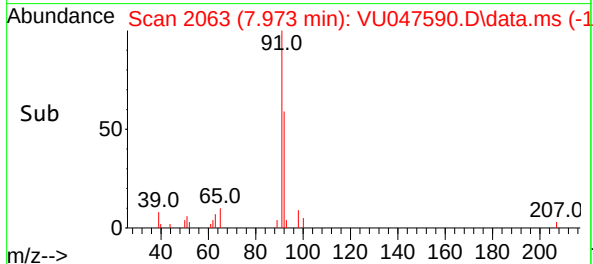
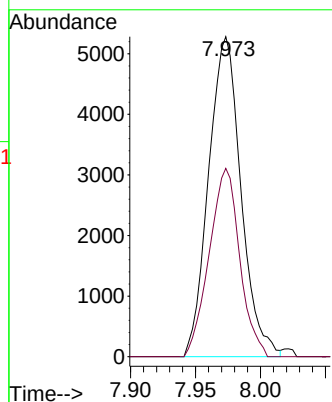
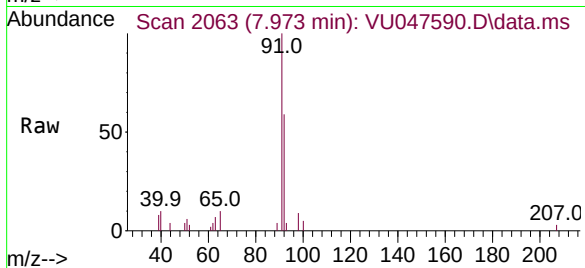
ETNK2RE

Tgt Ion: 91 Resp: 9152

Ion Ratio Lower Upper

91 100

92 58.9 40.2 74.6



#61

1,2,3-Trichloropropane

Concen: 1.215 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.984 min

Lab File: VU047590.D

Acq: 16 Mar 2022 15:08

Tgt Ion: 75 Resp: 6734

Ion Ratio Lower Upper

75 100

110 1.4 30.2 45.4#

77 33.4 26.6 39.8

