

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072722\
 Data File : VU049975.D
 Acq On : 28 Jul 2022 03:10
 Operator : SY/MD
 Sample : N3922-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C88

Quant Time: Jul 28 03:52:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 28 03:41:29 2022
 Response via : Initial Calibration

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

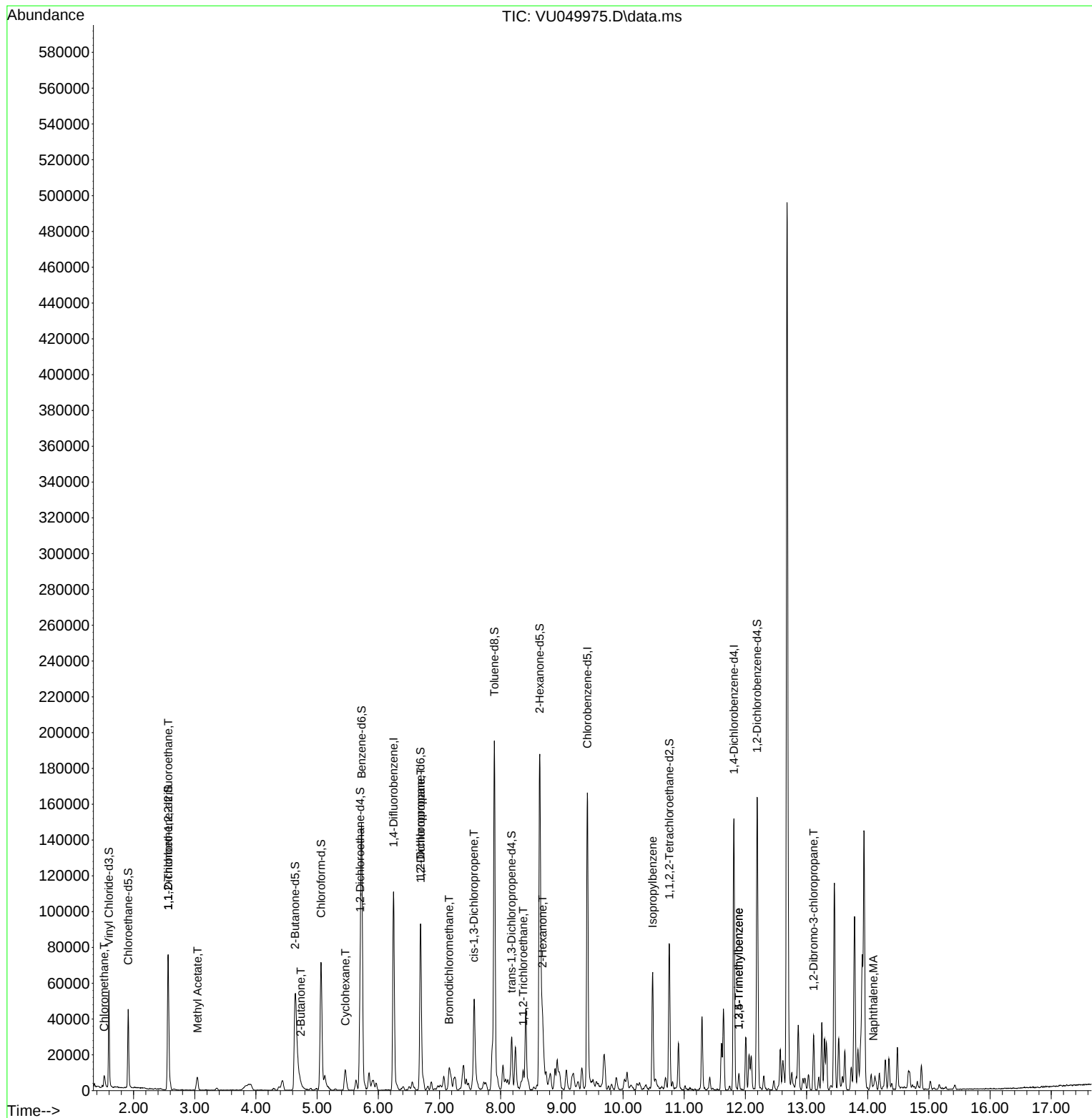
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	92166	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	95311	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	41452	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	39543	4.997	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.000%		
7) Chloroethane-d5	1.912	69	31672	5.572	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 111.400%		
11) 1,1-Dichloroethene-d2	2.565	65	14566	5.341	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 106.800%		
20) 2-Butanone-d5	4.642	46	105834	60.080	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 120.160%		
24) Chloroform-d	5.063	84	69728	5.325	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 106.400%		
26) 1,2-Dichloroethane-d4	5.703	65	36802	5.577	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 111.600%		
32) Benzene-d6	5.726	84	145143	5.153	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 103.000%		
36) 1,2-Dichloropropane-d6	6.690	67	48648	5.272	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 105.400%		
41) Toluene-d8	7.896	98	126520	5.054	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 101.000%		
43) trans-1,3-Dichloroprop...	8.179	79	16769	5.186	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 103.800%		
46) 2-Hexanone-d5	8.636	63	63269	52.265	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 104.520%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	42754	5.515	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 110.200%		
66) 1,2-Dichlorobenzene-d4	12.192	152	43556	5.665	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 113.400%		
Target Compounds						Qvalue
3) Chloromethane	1.520	50	6811	0.808	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	337	0.061	ug/L #	21
15) Methyl Acetate	3.044	43	4582	1.784	ug/L #	48
21) 2-Butanone	4.732	43	2495	1.399	ug/L #	66
30) Cyclohexane	5.462	56	5331	0.624	ug/L #	25
37) 1,2-Dichloropropane	6.694	63	4995	0.652	ug/L #	90
38) Bromodichloromethane	7.157	83	3798	0.409	ug/L #	25
39) cis-1,3-Dichloropropene	7.562	75	1043	0.105	ug/L #	1
45) 1,1,2-Trichloroethane	8.369	97	3796	0.663	ug/L #	19
48) 2-Hexanone	8.684	43	18633	5.518	ug/L #	89
60) Isopropylbenzene	10.484	105	40922	1.671	ug/L	98
62) 1,3,5-Trimethylbenzene	11.893	105	5378	0.270	ug/L	88
63) 1,2,4-Trimethylbenzene	11.893	105	5378	0.279	ug/L	93
68) 1,2-Dibromo-3-chloropr...	13.115	75	221	0.232	ug/L #	7
71) Naphthalene	14.092	128	1750	0.131	ug/L #	69

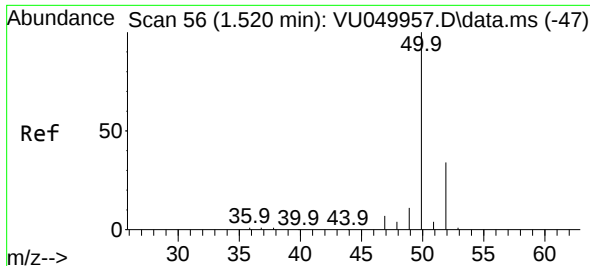
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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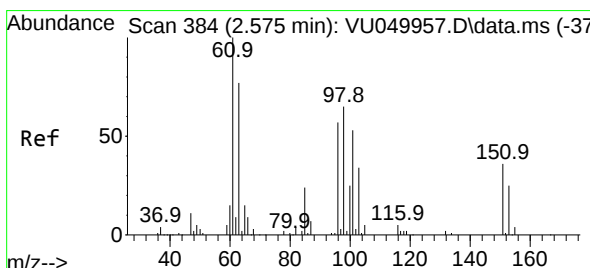
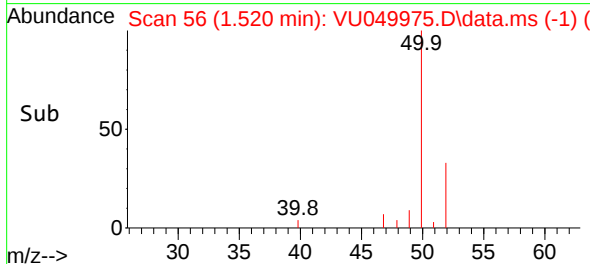
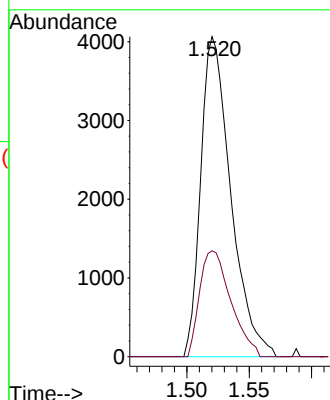
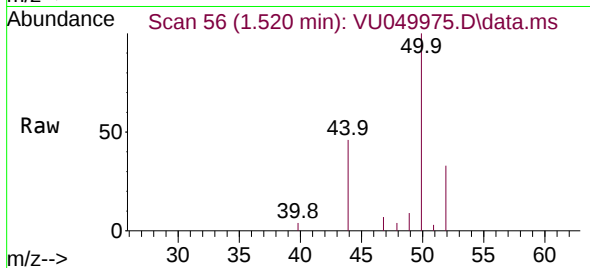




#3
Chloromethane
Concen: 0.808 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU049975.D
Acq: 28 Jul 2022 03:10

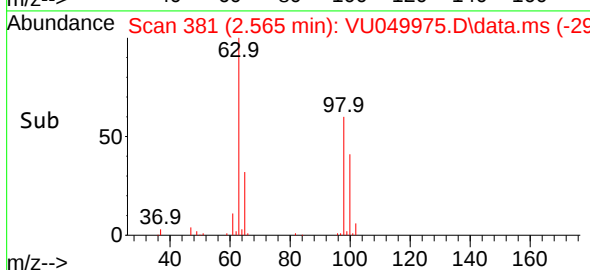
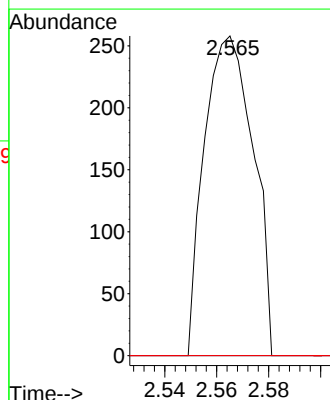
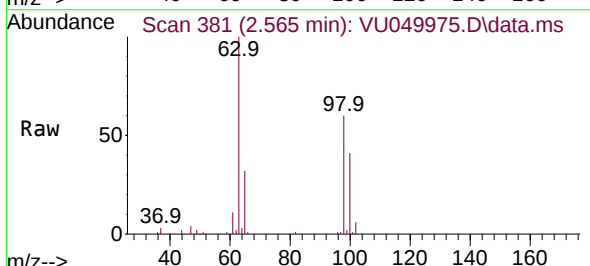
Instrument :
MSVOA_U
ClientSampleId :
C0C88

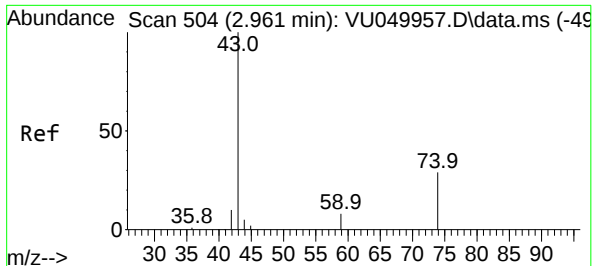
Tgt Ion: 50 Resp: 6811
Ion Ratio Lower Upper
50 100
52 33.1 22.4 41.6



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.061 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.010 min
Lab File: VU049975.D
Acq: 28 Jul 2022 03:10

Tgt Ion: 101 Resp: 337
Ion Ratio Lower Upper
101 100
85 0.0 34.1 51.1#
151 0.0 56.6 85.0#

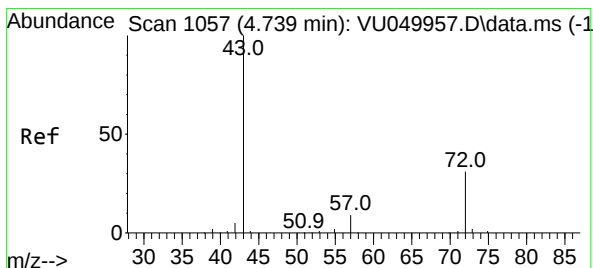
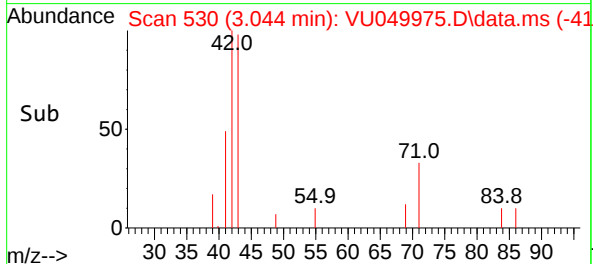
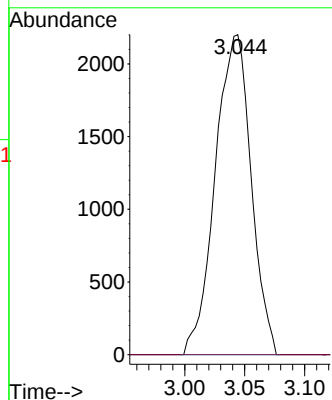
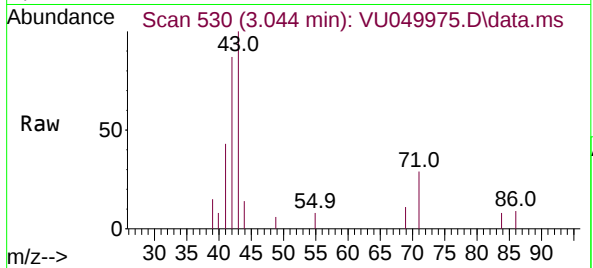




#15
Methyl Acetate
Concen: 1.784 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.084 min
Lab File: VU049975.D
Acq: 28 Jul 2022 03:10

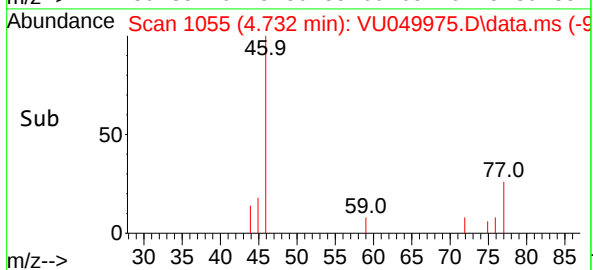
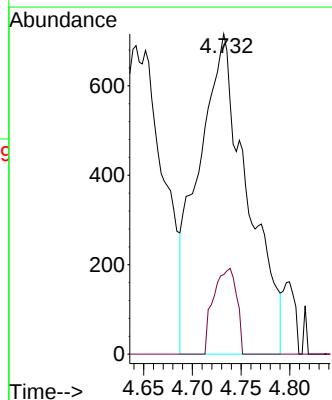
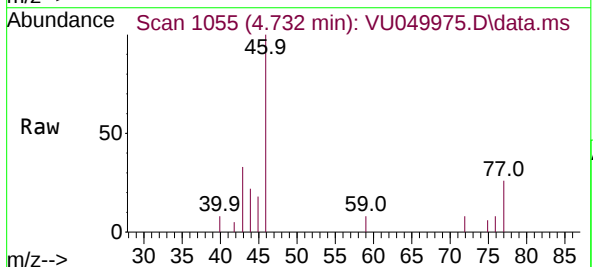
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MSVOA_U
ClientSampleId :
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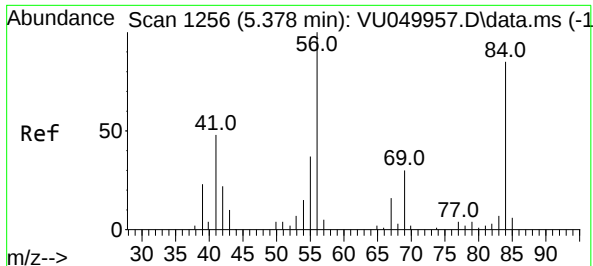
Tgt Ion: 43 Resp: 4582
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#21
2-Butanone
Concen: 1.399 ug/L
RT: 4.732 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VU049975.D
Acq: 28 Jul 2022 03:10

Tgt Ion: 43 Resp: 2495
Ion Ratio Lower Upper
43 100
72 12.7 15.8 47.3#





#30

Cyclohexane

Concen: 0.624 ug/L

RT: 5.462 min Scan# 11

Delta R.T. 0.084 min

Lab File: VU049975.D

Acq: 28 Jul 2022 03:10

Instrument :

MSVOA_U

ClientSampleId :

C0C88

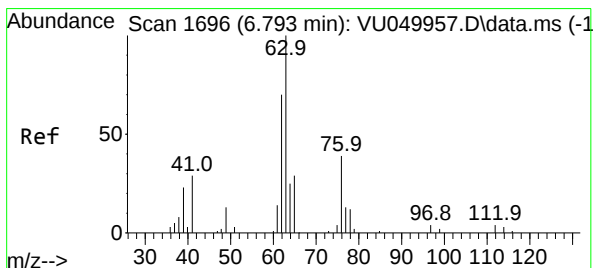
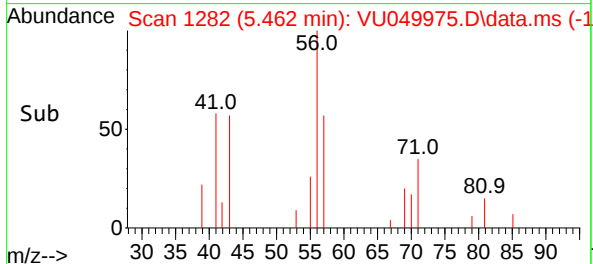
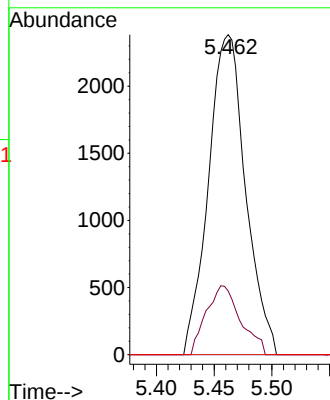
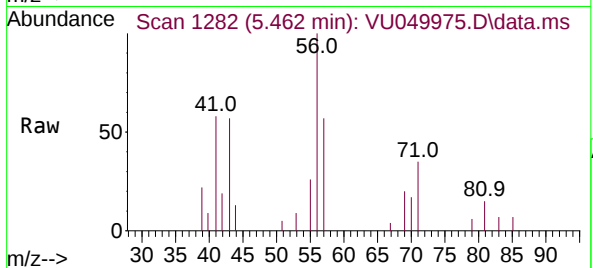
Tgt Ion: 56 Resp: 5331

Ion Ratio Lower Upper

56 100

69 19.9 25.1 37.7#

84 0.0 70.1 105.1#



#37

1,2-Dichloropropane

Concen: 0.652 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU049975.D

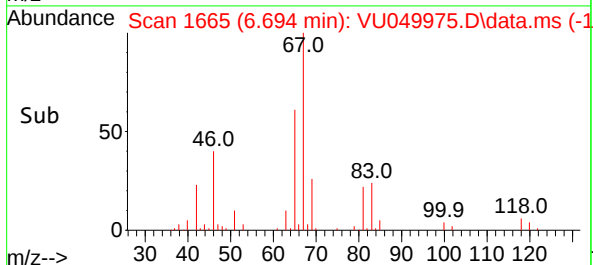
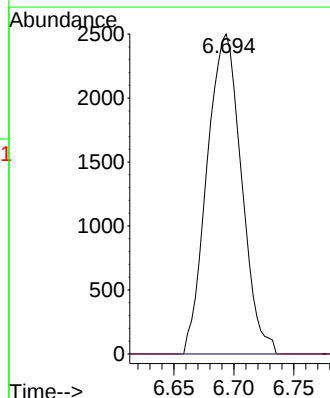
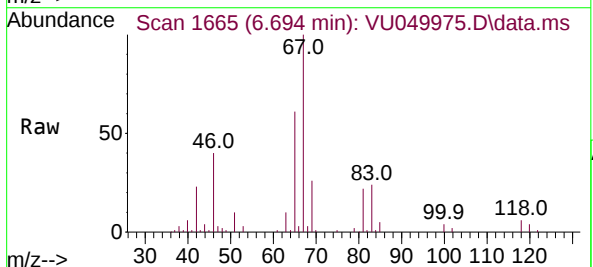
Acq: 28 Jul 2022 03:10

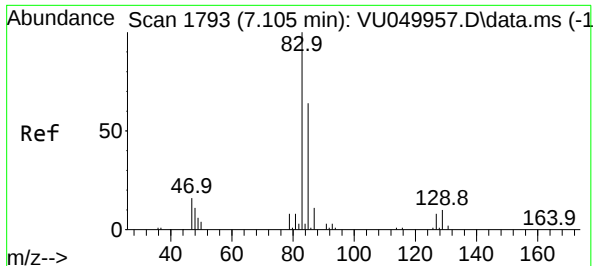
Tgt Ion: 63 Resp: 4995

Ion Ratio Lower Upper

63 100

112 0.4 3.0 4.6#

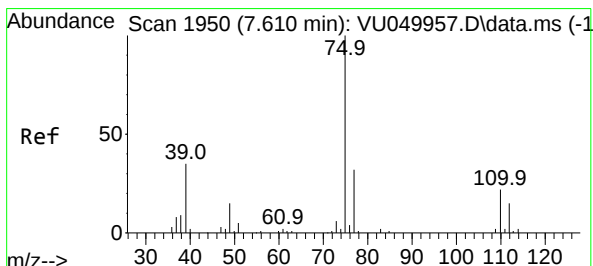
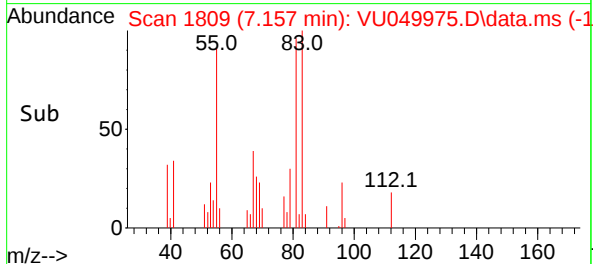
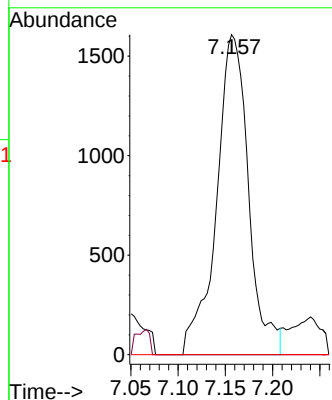
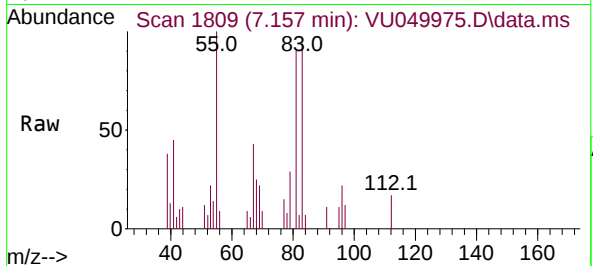




#38
Bromodichloromethane
Concen: 0.409 ug/L
RT: 7.157 min Scan# 11
Delta R.T. 0.051 min
Lab File: VU049975.D
Acq: 28 Jul 2022 03:10

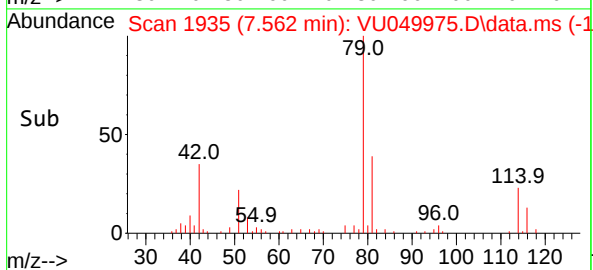
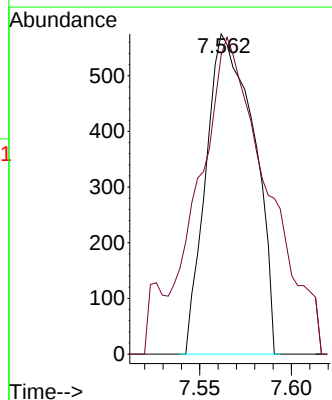
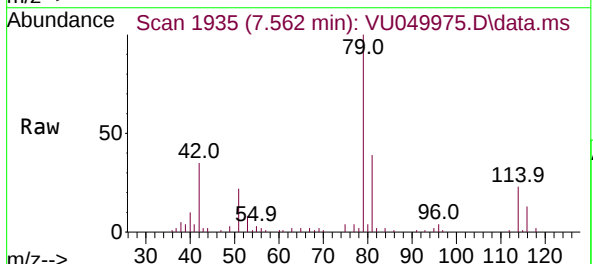
Instrument :
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ClientSampleId :
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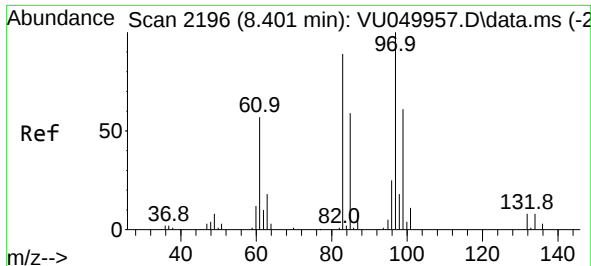
Tgt Ion: 83 Resp: 3798
Ion Ratio Lower Upper
83 100
85 0.0 44.9 83.5#
127 0.0 7.2 10.8#



#39
cis-1,3-Dichloropropene
Concen: 0.105 ug/L
RT: 7.562 min Scan# 1935
Delta R.T. -0.048 min
Lab File: VU049975.D
Acq: 28 Jul 2022 03:10

Tgt Ion: 75 Resp: 1043
Ion Ratio Lower Upper
75 100
77 93.4 22.5 41.9#

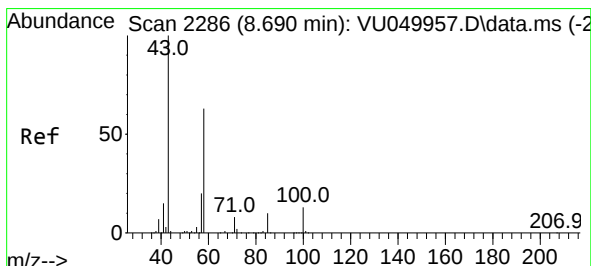
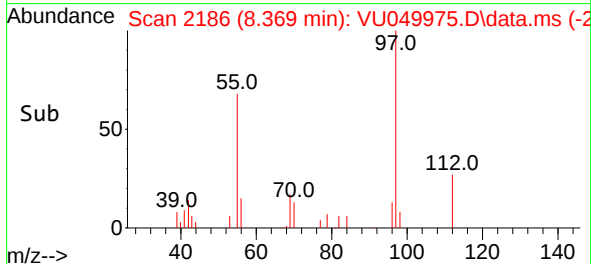
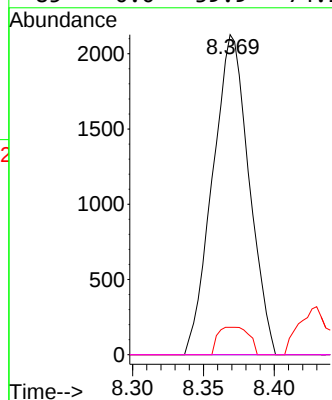
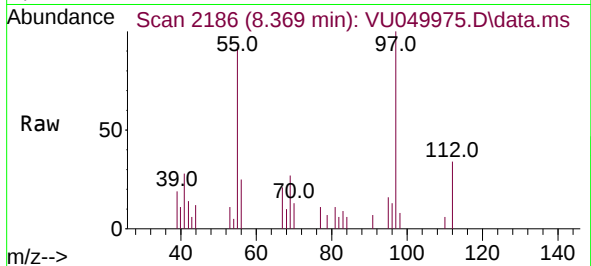




#45
1,1,2-Trichloroethane
Concen: 0.663 ug/L
RT: 8.369 min Scan# 2196
Delta R.T. -0.032 min
Lab File: VU049975.D
Acq: 28 Jul 2022 03:10

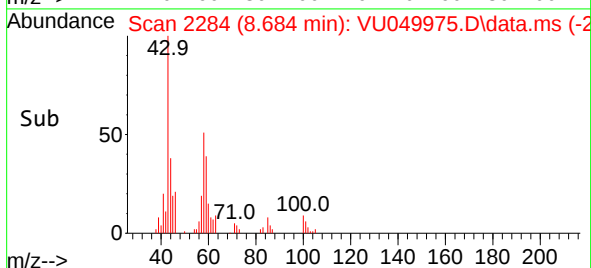
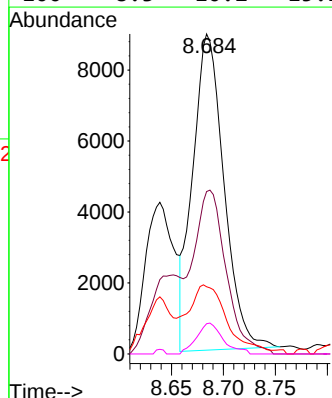
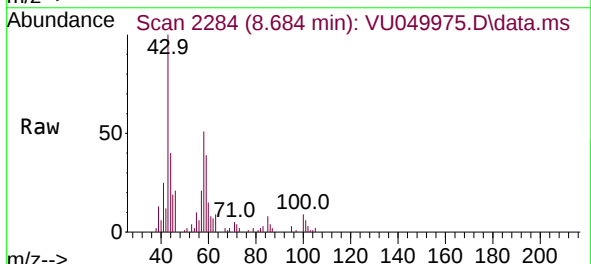
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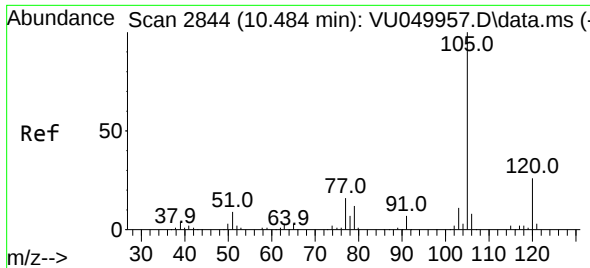
Tgt Ion:	97	Resp:	3796
Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.5	80.9#
83	8.6	59.9	111.3#
85	0.0	39.9	74.1#



#48
2-Hexanone
Concen: 5.518 ug/L
RT: 8.684 min Scan# 2284
Delta R.T. -0.006 min
Lab File: VU049975.D
Acq: 28 Jul 2022 03:10

Tgt Ion:	43	Resp:	18633
Ion	Ratio	Lower	Upper
43	100		
58	53.8	49.4	74.0
57	26.4	17.0	25.4#
100	8.3	10.2	15.2#

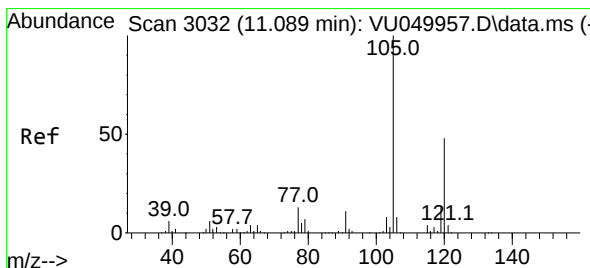
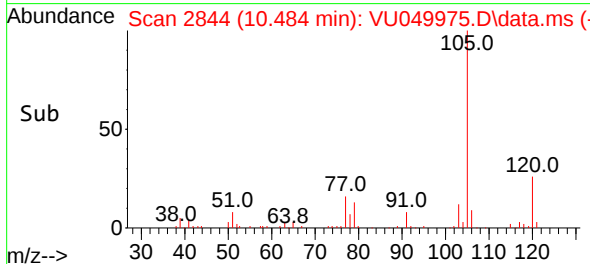
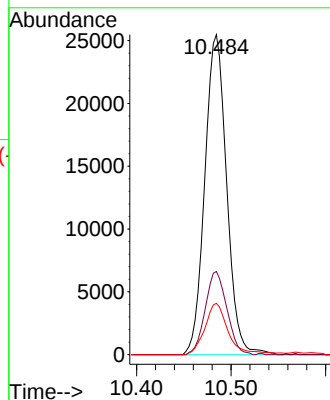
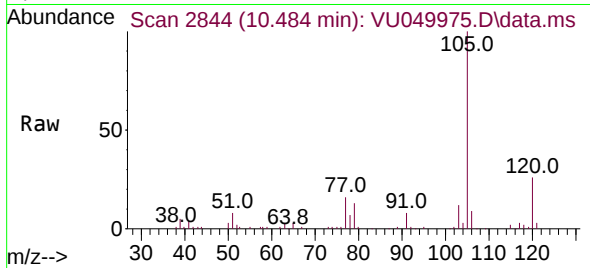




#60
Isopropylbenzene
Concen: 1.671 ug/L
RT: 10.484 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049975.D
Acq: 28 Jul 2022 03:10

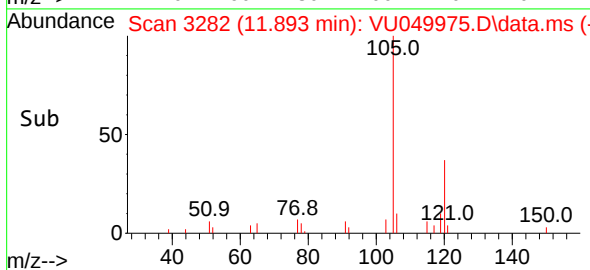
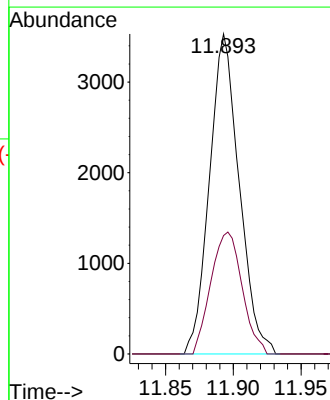
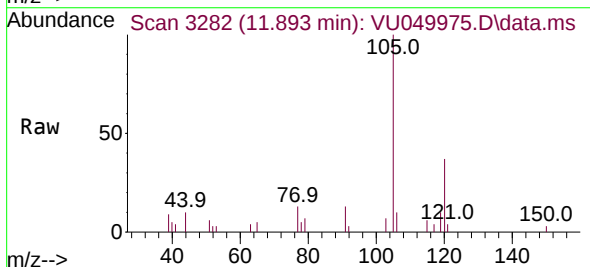
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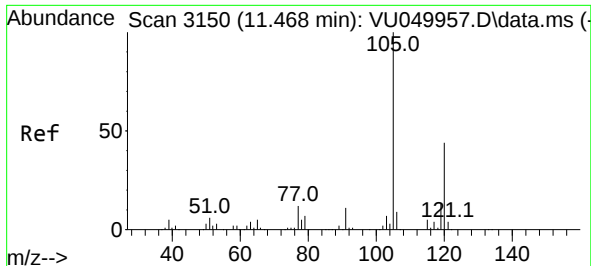
Tgt Ion:105 Resp: 40922
Ion Ratio Lower Upper
105 100
120 25.7 20.5 30.7
77 17.4 12.6 18.8



#62
1,3,5-Trimethylbenzene
Concen: 0.270 ug/L
RT: 11.893 min Scan# 3282
Delta R.T. 0.804 min
Lab File: VU049975.D
Acq: 28 Jul 2022 03:10

Tgt Ion:105 Resp: 5378
Ion Ratio Lower Upper
105 100
120 40.0 38.2 57.4

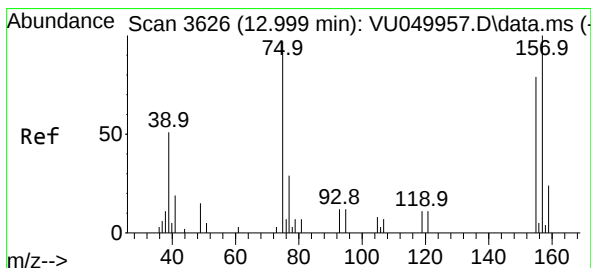
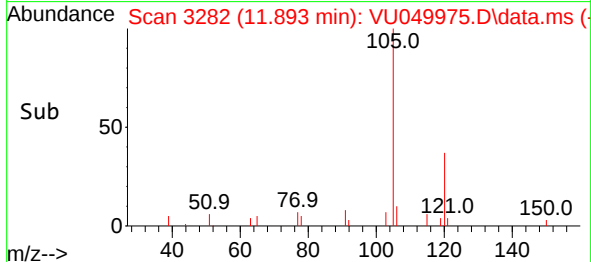
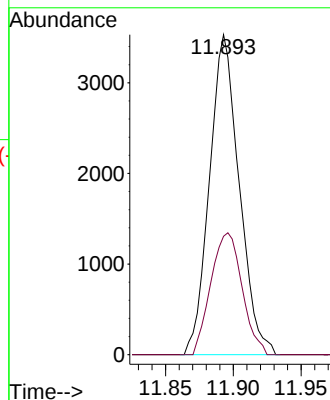
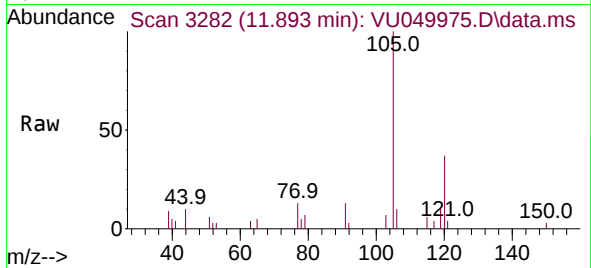




#63
1,2,4-Trimethylbenzene
Concen: 0.279 ug/L
RT: 11.893 min Scan# 3150
Delta R.T. 0.424 min
Lab File: VU049975.D
Acq: 28 Jul 2022 03:10

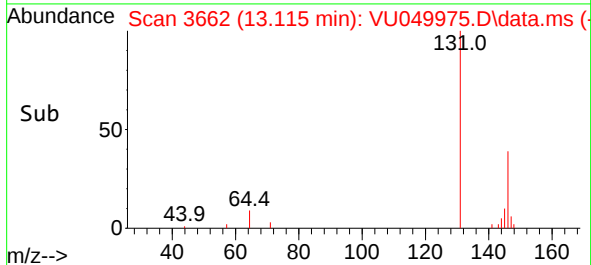
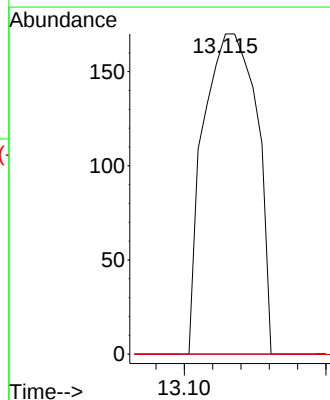
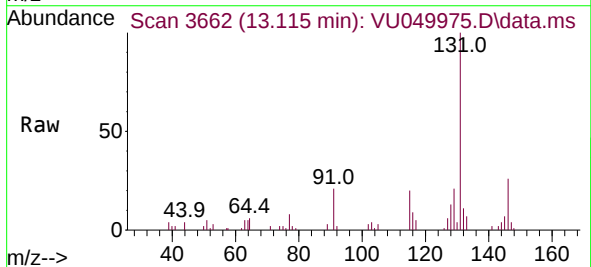
Instrument :
MSVOA_U
ClientSampleId :
C0C88

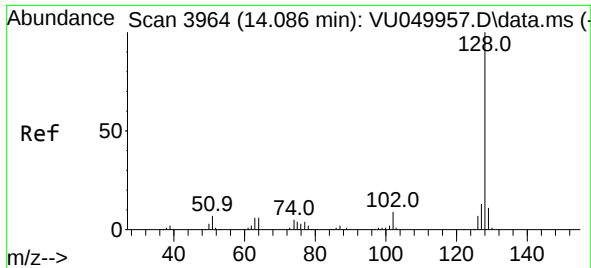
Tgt Ion:105 Resp: 5378
Ion Ratio Lower Upper
105 100
120 40.0 35.4 53.2



#68
1,2-Dibromo-3-chloropropane
Concen: 0.232 ug/L
RT: 13.115 min Scan# 3662
Delta R.T. 0.116 min
Lab File: VU049975.D
Acq: 28 Jul 2022 03:10

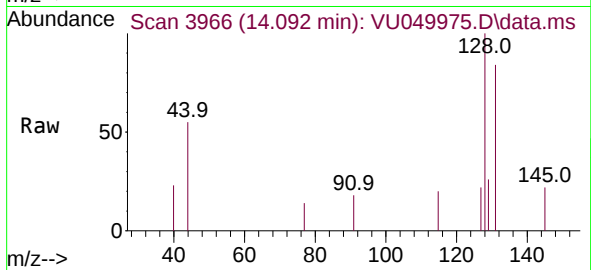
Tgt Ion: 75 Resp: 221
Ion Ratio Lower Upper
75 100
155 0.0 59.4 89.0#
157 0.0 73.8 110.6#





#71
Naphthalene
Concen: 0.131 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU049975.D
Acq: 28 Jul 2022 03:10

Instrument :
MSVOA_U
ClientSampleId :
C0C88



Tgt Ion:	128	Resp:	1750
Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.5	12.7#
127	0.0	10.3	15.5#

