

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072922\
 Data File : VU050034.D
 Acq On : 29 Jul 2022 14:16
 Operator : SY/MD
 Sample : N3890-01DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YBEA3DL

Quant Time: Jul 30 01:42:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 30 01:40:38 2022
 Response via : Initial Calibration

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

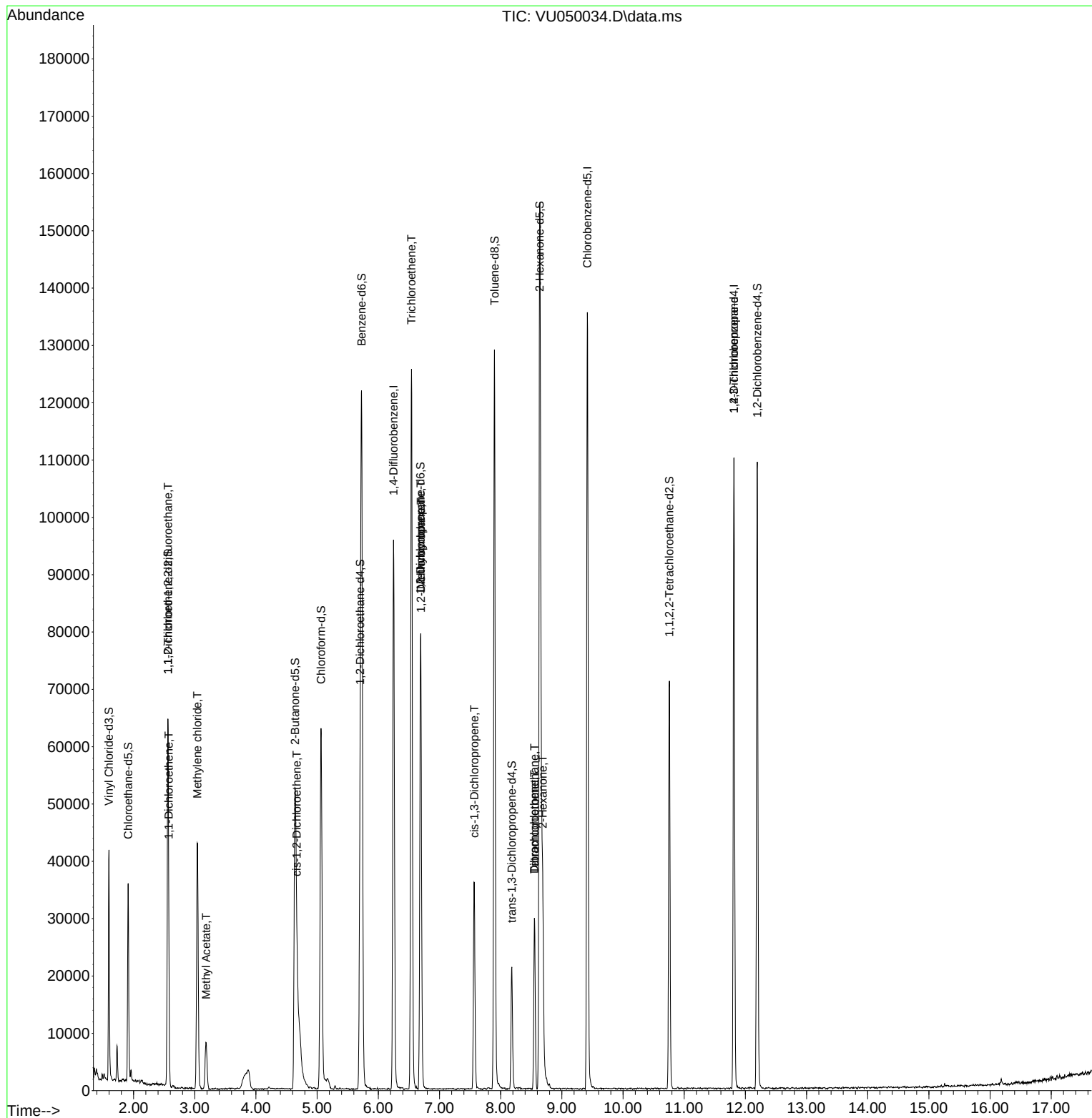
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	79702	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	80104	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	30382	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	29634	4.330	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.600%
7) Chloroethane-d5	1.912	69	25134	5.113	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.200%
11) 1,1-Dichloroethene-d2	2.562	65	11660	4.944	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.800%
20) 2-Butanone-d5	4.639	46	97923	64.282	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.560%
24) Chloroform-d	5.063	84	60454	5.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.800%
26) 1,2-Dichloroethane-d4	5.703	65	32395	5.677	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.600%
32) Benzene-d6	5.726	84	115393	4.875	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.690	67	40553	5.230	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.899	98	90367	4.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.182	79	13535	4.980	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.600%
46) 2-Hexanone-d5	8.639	63	49706	48.856	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.720%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37261	5.719	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	29639	5.260	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	316	0.067	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	2296	0.522	ug/L #	1
15) Methyl Acetate	3.189	43	632	0.285	ug/L #	48
16) Methylene chloride	3.041	84	21353	3.157	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	322	0.056	ug/L #	65
34) Trichloroethene	6.542	95	45130	7.941	ug/L	98
35) Methylcyclohexane	6.693	83	9349	1.247	ug/L #	20
37) 1,2-Dichloropropane	6.697	63	4058	0.630	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	963	0.116	ug/L #	64
47) Tetrachloroethene	8.552	164	7074	1.730	ug/L	97
48) 2-Hexanone	8.687	43	19338	6.814	ug/L #	92
49) Dibromochloromethane	8.552	129	6708	1.273	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	3871	1.097	ug/L #	65

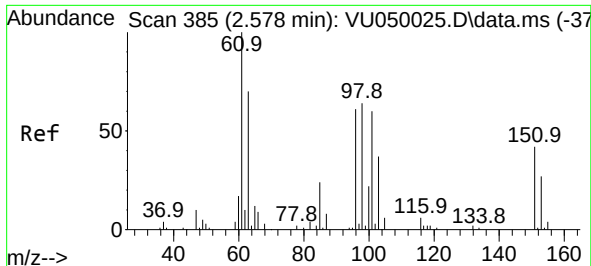
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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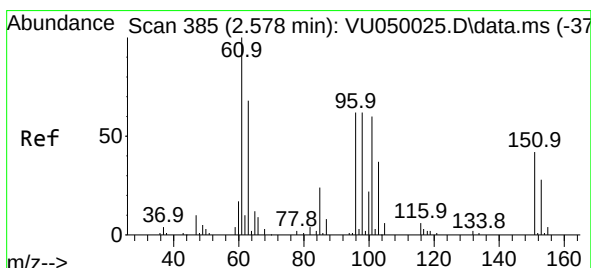
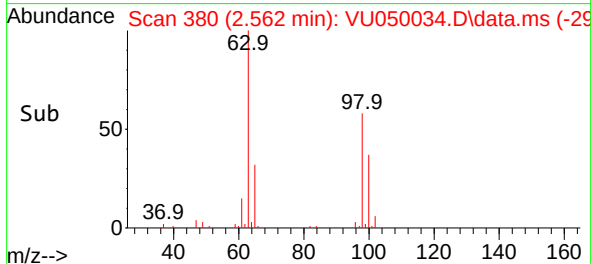
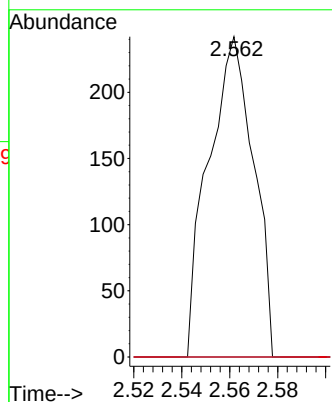
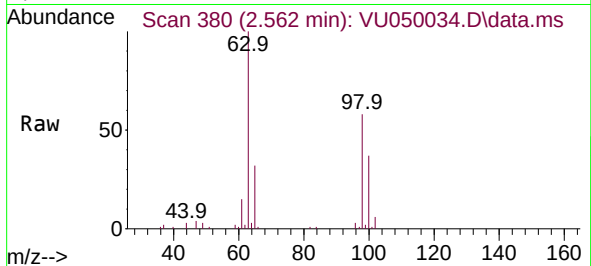




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.067 ug/L
 RT: 2.562 min Scan# 316
 Delta R.T. -0.016 min
 Lab File: VU050034.D
 Acq: 29 Jul 2022 14:16

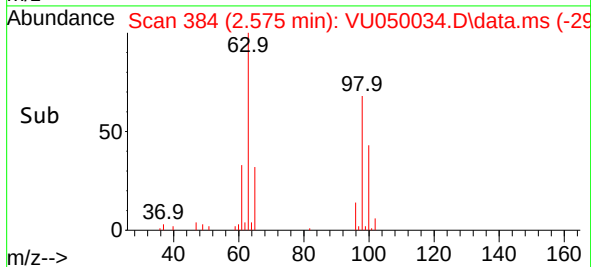
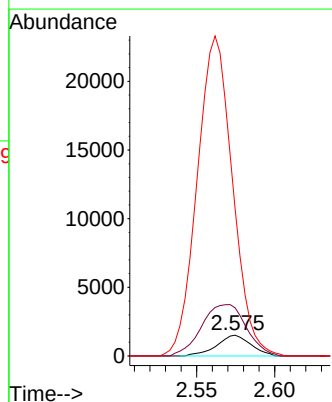
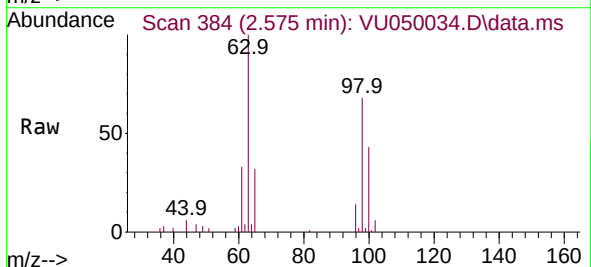
Instrument :
 MSVOA_U
 ClientSampleId :
 YBEA3DL

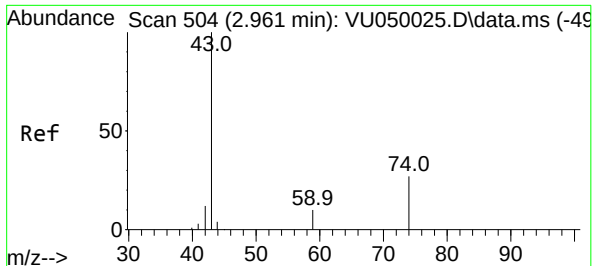
Tgt Ion:101 Resp: 316
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.1 51.1#
 151 0.0 56.6 85.0#



#12
 1,1-Dichloroethene
 Concen: 0.522 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU050034.D
 Acq: 29 Jul 2022 14:16

Tgt Ion: 96 Resp: 2296
 Ion Ratio Lower Upper
 96 100
 61 231.6 115.7 214.9#
 63 708.2 84.8 157.4#





#15

Methyl Acetate

Concen: 0.285 ug/L

RT: 3.189 min Scan# 51

Delta R.T. 0.228 min

Lab File: VU050034.D

Acq: 29 Jul 2022 14:16

Instrument :

MSVOA_U

ClientSampleId :

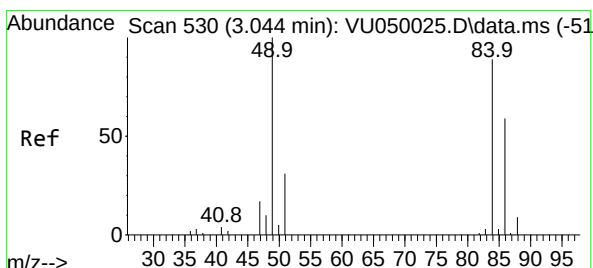
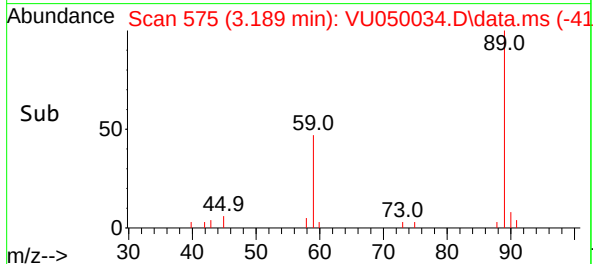
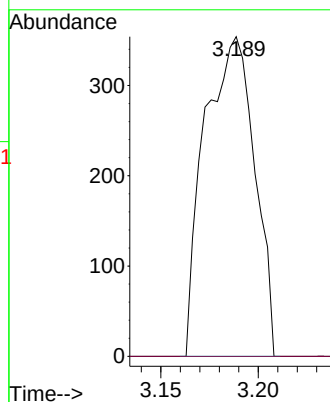
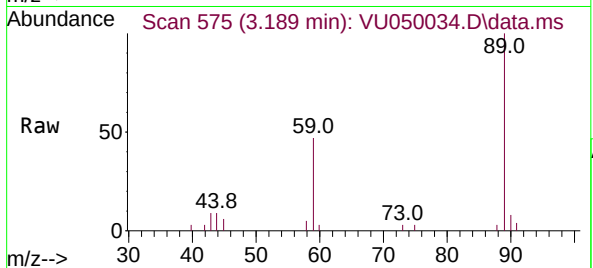
YBEA3DL

Tgt Ion: 43 Resp: 632

Ion Ratio Lower Upper

43 100

74 0.0 21.6 32.4#



#16

Methylene chloride

Concen: 3.157 ug/L

RT: 3.041 min Scan# 529

Delta R.T. -0.003 min

Lab File: VU050034.D

Acq: 29 Jul 2022 14:16

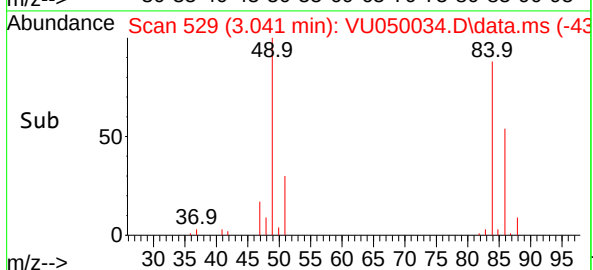
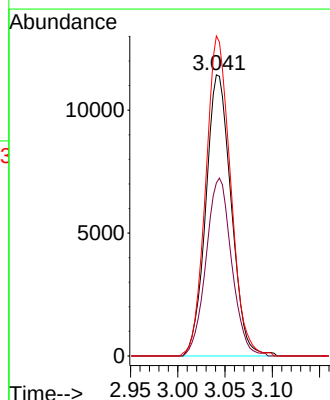
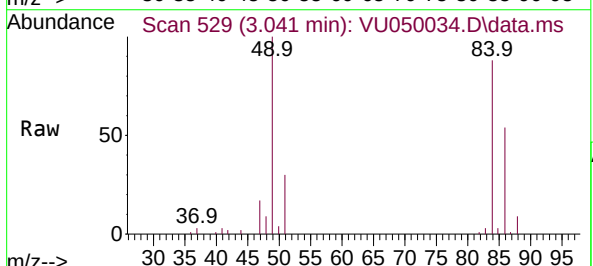
Tgt Ion: 84 Resp: 21353

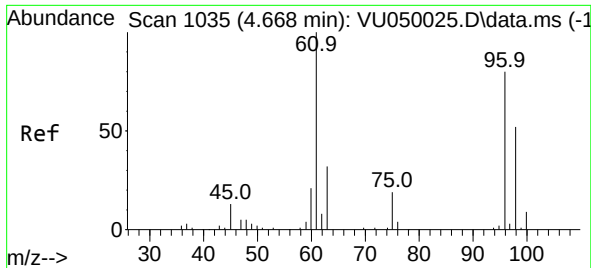
Ion Ratio Lower Upper

84 100

86 61.5 45.2 84.0

49 113.8 77.6 144.0

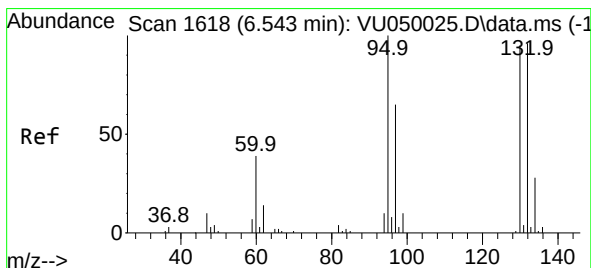
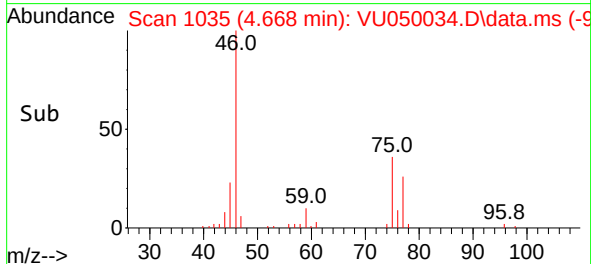
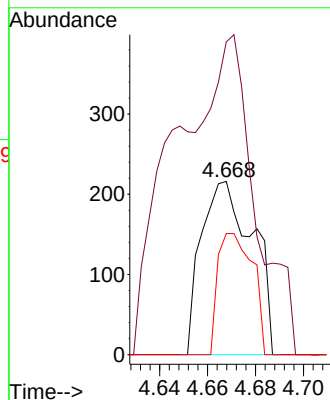
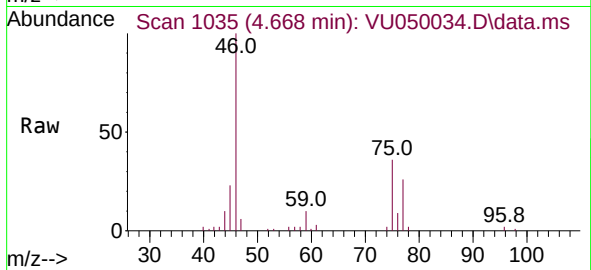




#22
 cis-1,2-Dichloroethene
 Concen: 0.056 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VU050034.D
 Acq: 29 Jul 2022 14:16

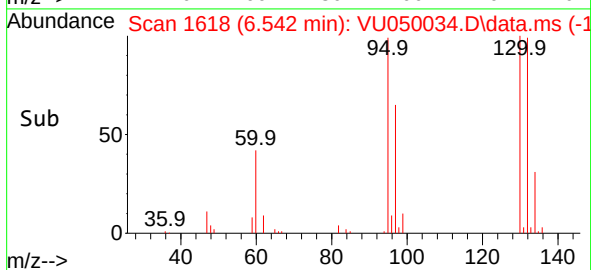
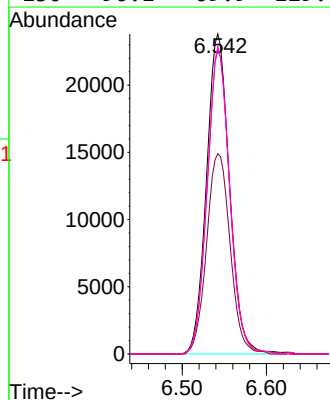
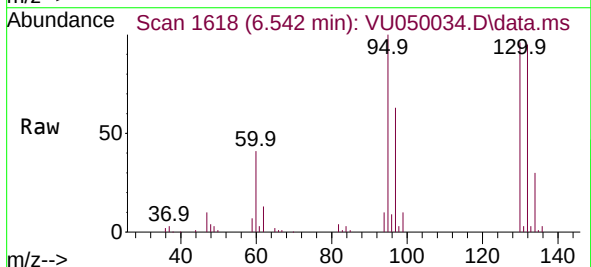
Instrument :
 MSVOA_U
 ClientSampleId :
 YBEA3DL

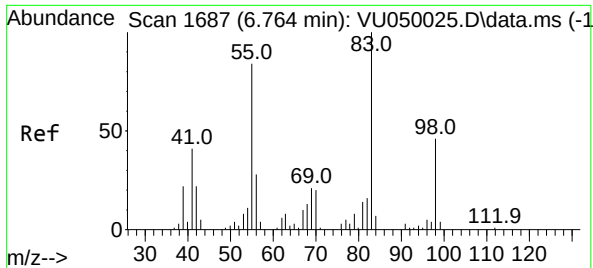
Tgt Ion: 96 Resp: 322
 Ion Ratio Lower Upper
 96 100
 61 180.6 87.2 161.9#
 98 69.9 44.7 83.1



#34
 Trichloroethene
 Concen: 7.941 ug/L
 RT: 6.542 min Scan# 1618
 Delta R.T. -0.000 min
 Lab File: VU050034.D
 Acq: 29 Jul 2022 14:16

Tgt Ion: 95 Resp: 45130
 Ion Ratio Lower Upper
 95 100
 97 62.6 45.6 84.8
 132 95.0 66.8 124.2
 130 96.1 69.9 129.7

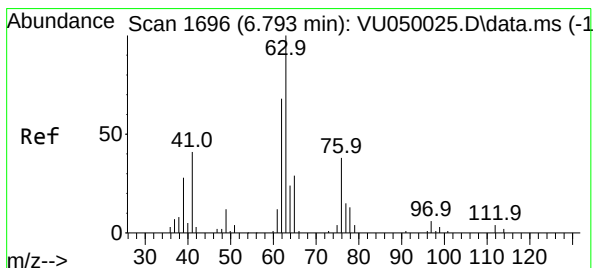
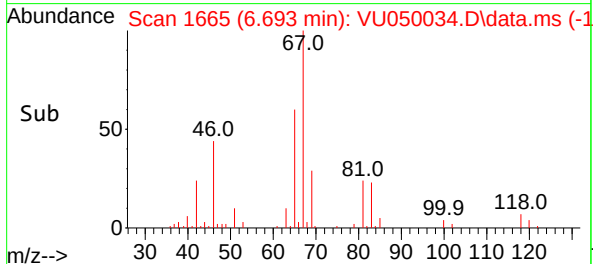
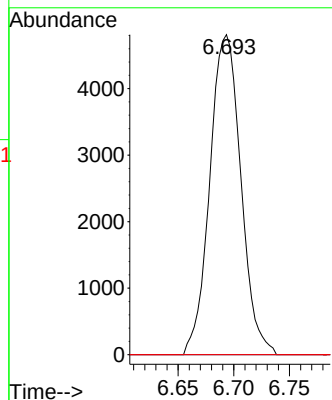
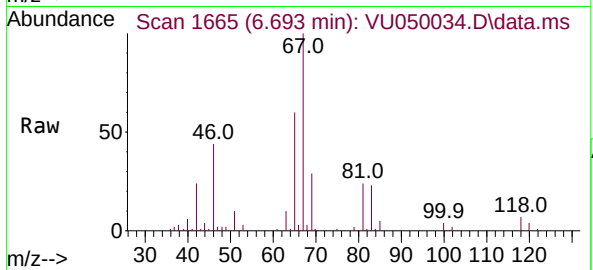




#35
Methylcyclohexane
Concen: 1.247 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU050034.D
Acq: 29 Jul 2022 14:16

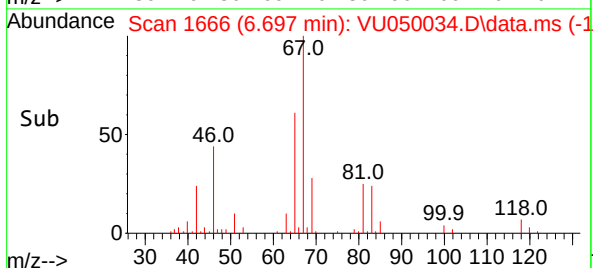
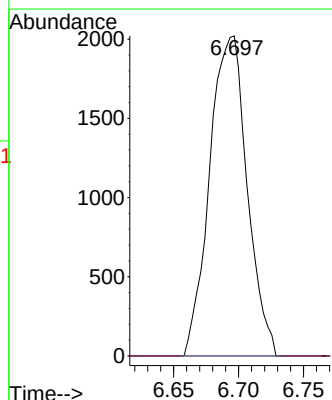
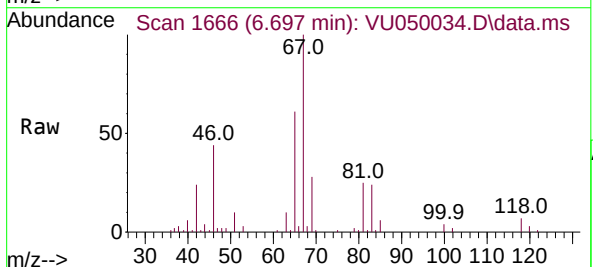
Instrument :
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ClientSampleId :
YBEA3DL

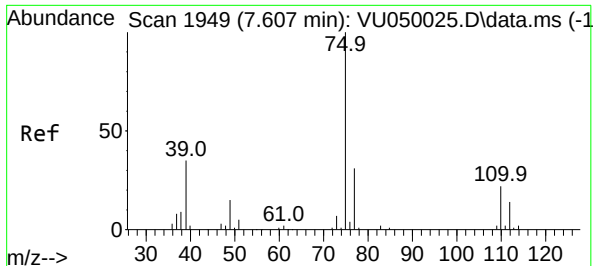
Tgt Ion: 83 Resp: 9349
Ion Ratio Lower Upper
83 100
55 0.0 61.6 92.4#
98 2.6 34.8 52.2#



#37
1,2-Dichloropropane
Concen: 0.630 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.097 min
Lab File: VU050034.D
Acq: 29 Jul 2022 14:16

Tgt Ion: 63 Resp: 4058
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#





#39

cis-1,3-Dichloropropene

Concen: 0.116 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU050034.D

Acq: 29 Jul 2022 14:16

Instrument :

MSVOA_U

ClientSampleId :

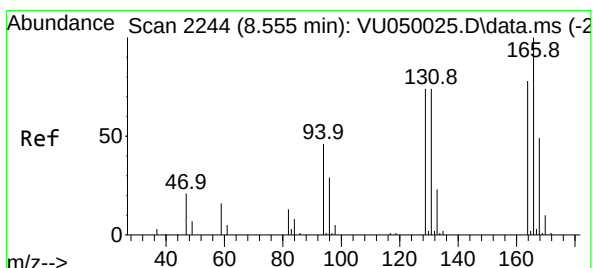
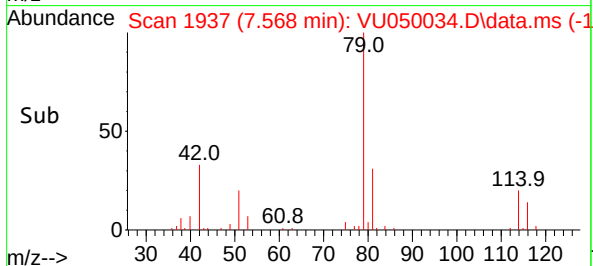
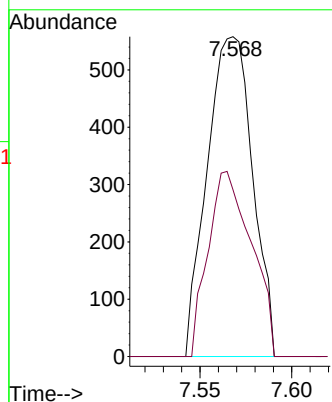
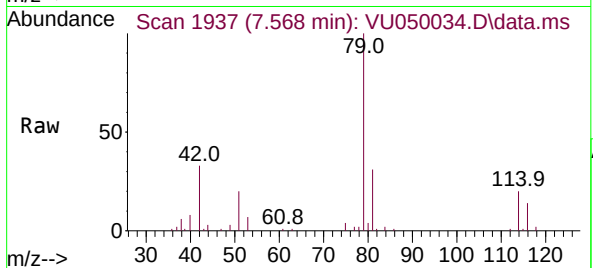
YBEA3DL

Tgt Ion: 75 Resp: 963

Ion Ratio Lower Upper

75 100

77 52.2 22.5 41.9#



#47

Tetrachloroethene

Concen: 1.730 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.004 min

Lab File: VU050034.D

Acq: 29 Jul 2022 14:16

Tgt Ion:164 Resp: 7074

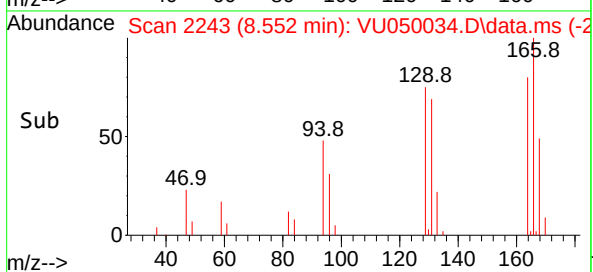
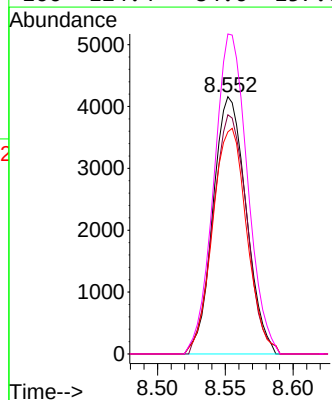
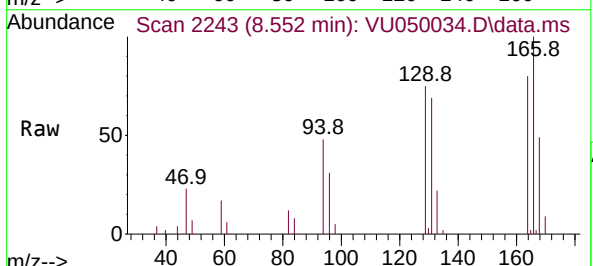
Ion Ratio Lower Upper

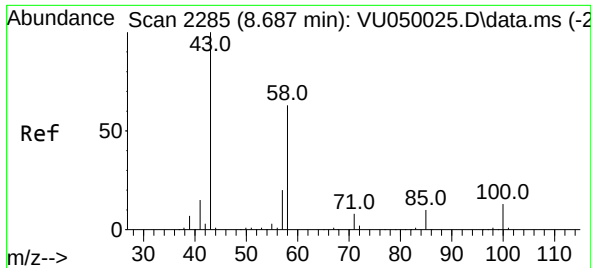
164 100

129 93.0 66.3 123.1

131 86.3 63.1 117.1

166 124.4 84.6 157.0

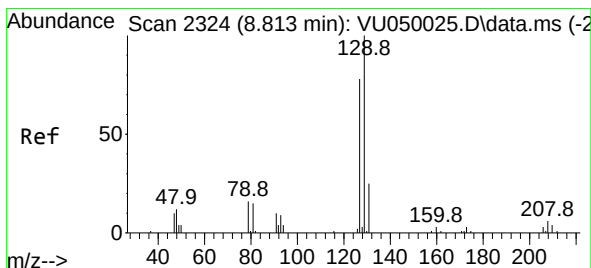
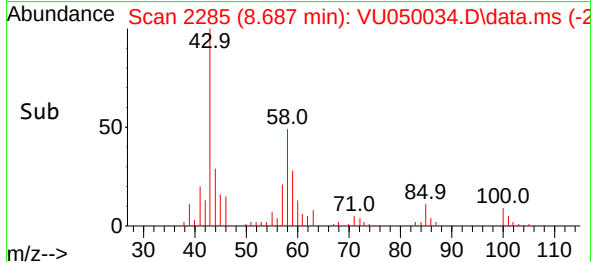
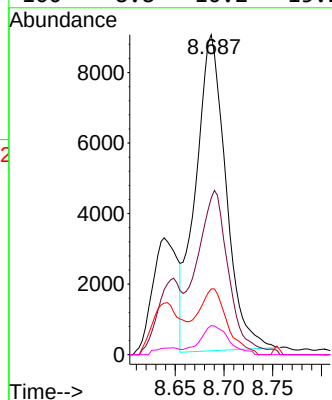
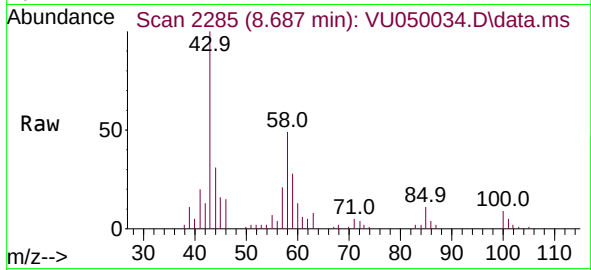




#48
2-Hexanone
Concen: 6.814 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050034.D
Acq: 29 Jul 2022 14:16

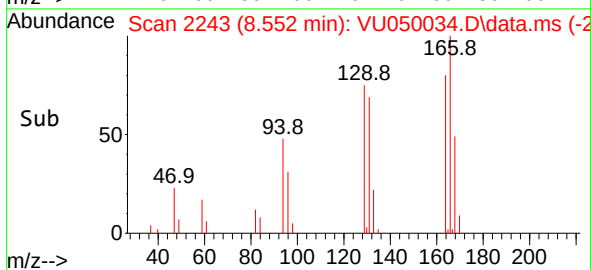
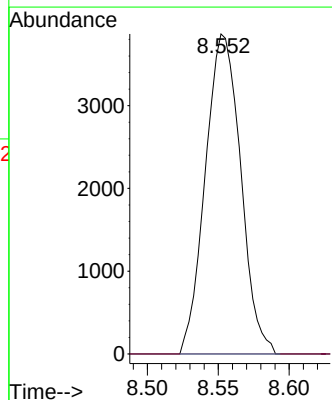
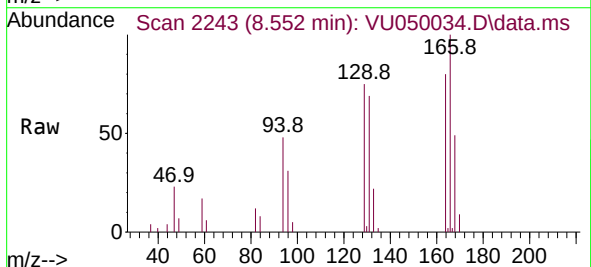
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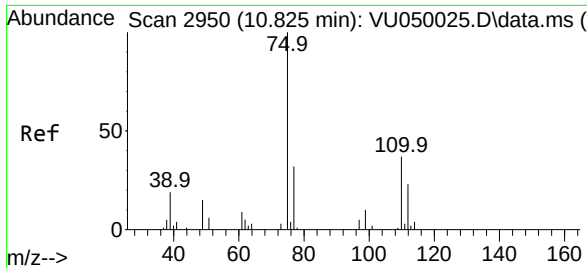
Tgt Ion:	43	Resp:	19338
Ion	Ratio	Lower	Upper
43	100		
58	54.5	49.4	74.0
57	19.9	17.0	25.4
100	8.8	10.2	15.2



#49
Dibromochloromethane
Concen: 1.273 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.261 min
Lab File: VU050034.D
Acq: 29 Jul 2022 14:16

Tgt Ion:	129	Resp:	6708
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.5	101.1





#61
 1,2,3-Trichloropropane
 Concen: 1.097 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU050034.D
 Acq: 29 Jul 2022 14:16

Instrument :
 MSVOA_U
 ClientSampleId :
 YBEA3DL

Tgt Ion: 75 Resp: 3871
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.1 42.1#
 77 27.6 24.7 37.1

