

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120922\
 Data File : VU052300.D
 Acq On : 09 Dec 2022 14:38
 Operator : JC/MD
 Sample : N5958-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0EM8

Quant Time: Dec 09 23:12:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

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

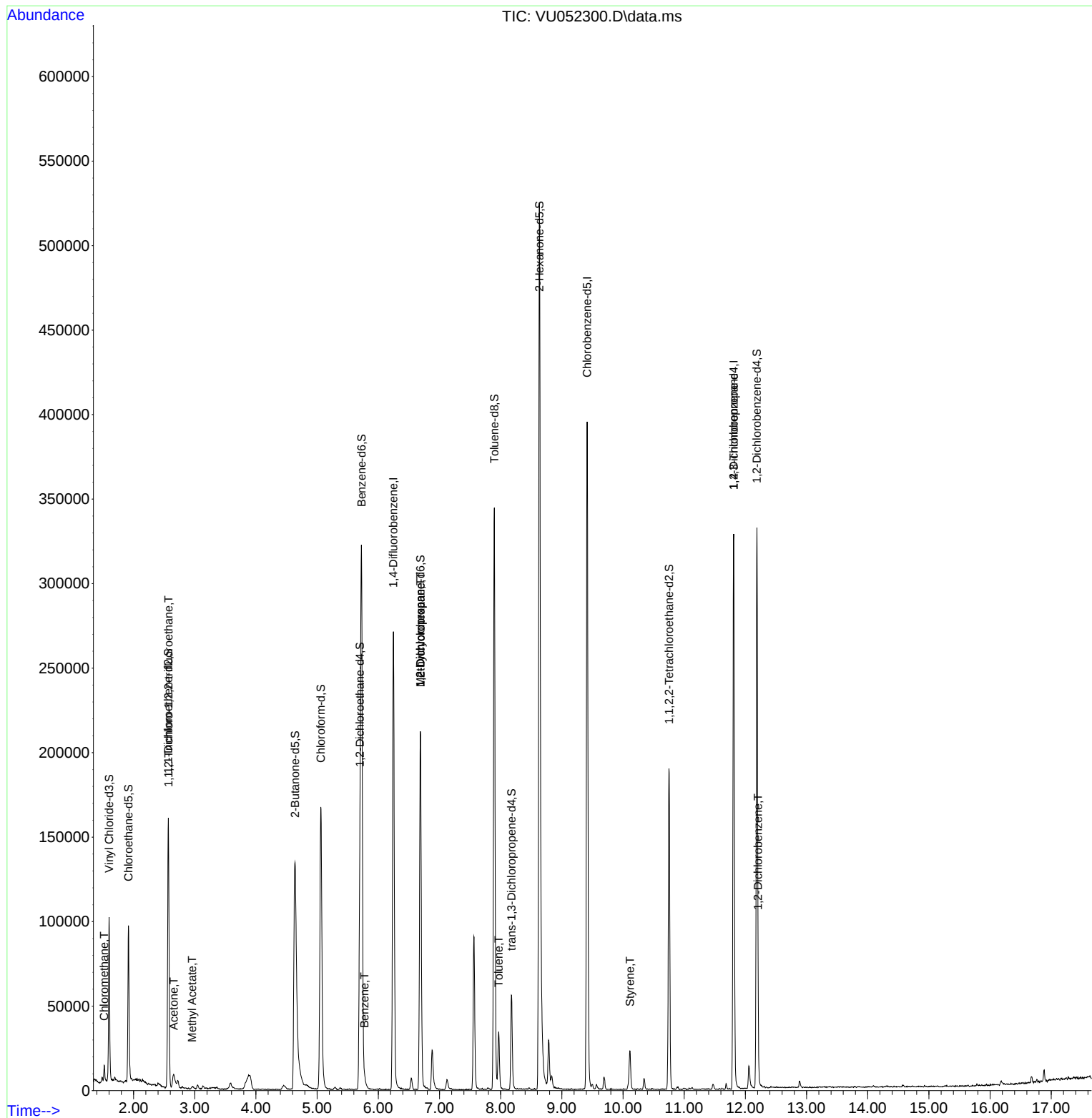
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	226938	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	229461	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	89521	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	71914	3.258	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	65.200%	
7) Chloroethane-d5	1.916	69	71187	4.152	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	83.000%	
11) 1,1-Dichloroethene-d2	2.568	65	29505	3.729	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.600%	
20) 2-Butanone-d5	4.639	46	261623	65.385	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	130.780%#	
24) Chloroform-d	5.060	84	159120	4.906	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.200%	
26) 1,2-Dichloroethane-d4	5.700	65	85119	5.196	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.000%	
32) Benzene-d6	5.726	84	315511	4.631	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.600%	
36) 1,2-Dichloropropane-d6	6.687	67	108049	5.125	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.600%	
41) Toluene-d8	7.896	98	237953	3.861	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.200%	
43) trans-1,3-Dichloroprop...	8.176	79	32798	4.269	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.400%	
46) 2-Hexanone-d5	8.632	63	179587	55.159	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	110.320%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	98770	5.404	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.000%	
66) 1,2-Dichlorobenzene-d4	12.189	152	89093	5.198	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.000%	
Target Compounds						Qvalue
3) Chloromethane	1.520	50	6801	0.265	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1017	0.061	ug/L #	20
13) Acetone	2.655	43	15397	5.667	ug/L	95
15) Methyl Acetate	2.957	43	1992	0.283	ug/L	100
33) Benzene	5.774	78	4616	0.062	ug/L	100
35) Methylcyclohexane	6.687	83	24211	0.904	ug/L #	27
37) 1,2-Dichloropropane	6.687	63	10519	0.544	ug/L #	88
42) Toluene	7.967	91	24959	0.325	ug/L	97
55) Styrene	10.115	104	11695	0.250	ug/L	98
61) 1,2,3-Trichloropropane	11.809	75	10564	1.031	ug/L #	69
67) 1,2-Dichlorobenzene	12.208	146	2694	0.097	ug/L #	80

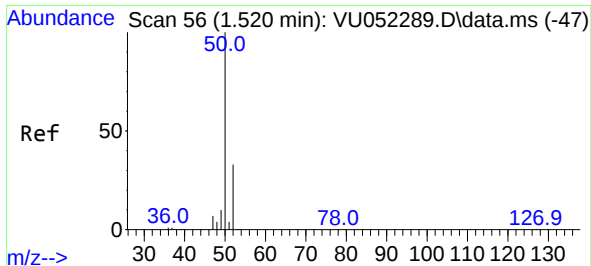
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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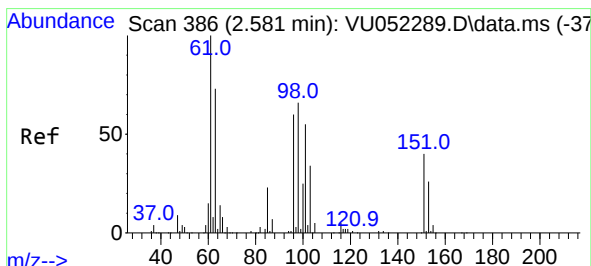
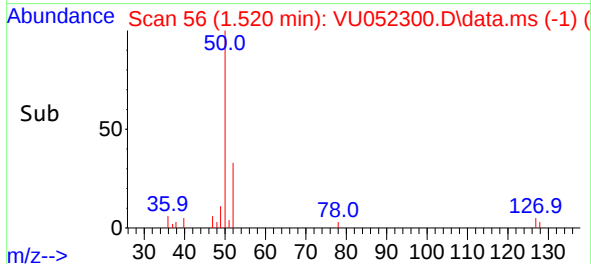
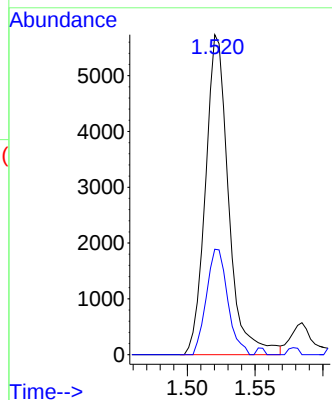
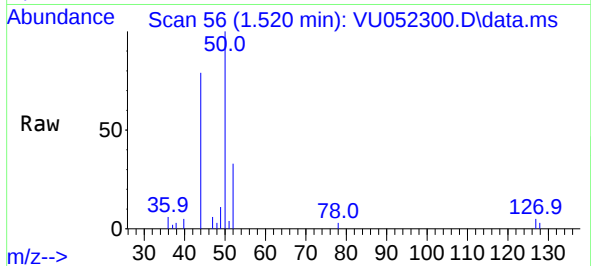




#3
Chloromethane
Concen: 0.265 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU052300.D
Acq: 09 Dec 2022 14:38

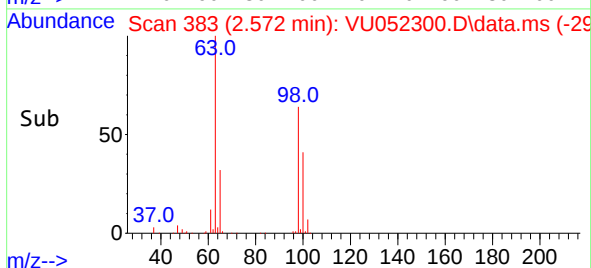
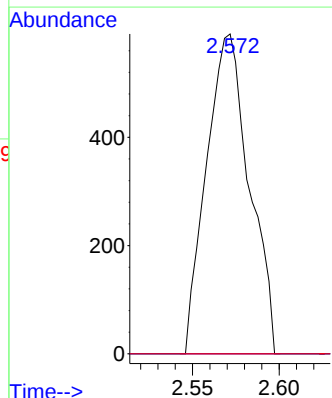
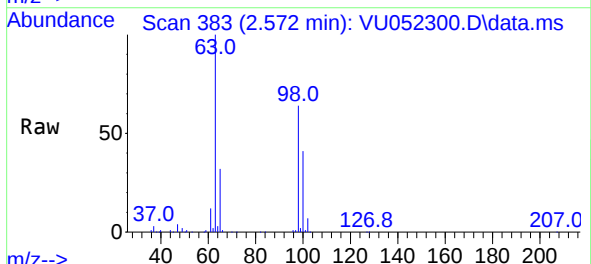
Instrument :
MSVOA_U
ClientSampleId :
C0EM8

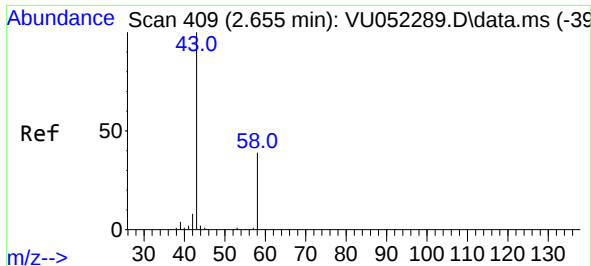
Tgt Ion: 50 Resp: 6801
Ion Ratio Lower Upper
50 100
52 32.9 23.4 43.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.061 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.010 min
Lab File: VU052300.D
Acq: 09 Dec 2022 14:38

Tgt Ion: 101 Resp: 1017
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#





#13

Acetone

Concen: 5.667 ug/L

RT: 2.655 min Scan# 409

Delta R.T. 0.010 min

Lab File: VU052300.D

Acq: 09 Dec 2022 14:38

Instrument :

MSVOA_U

ClientSampleId :

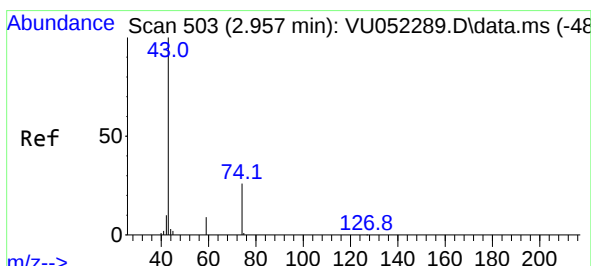
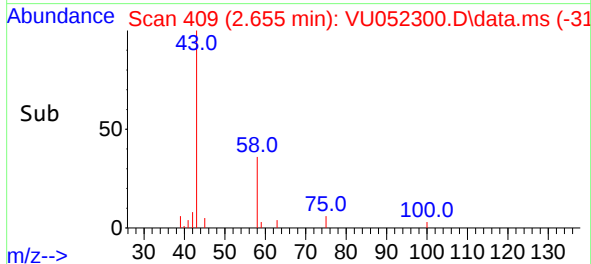
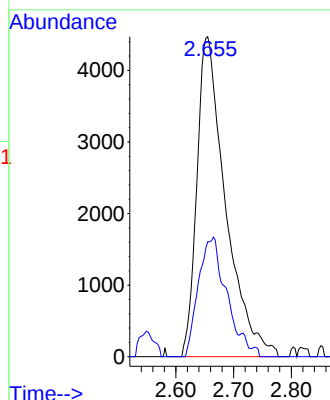
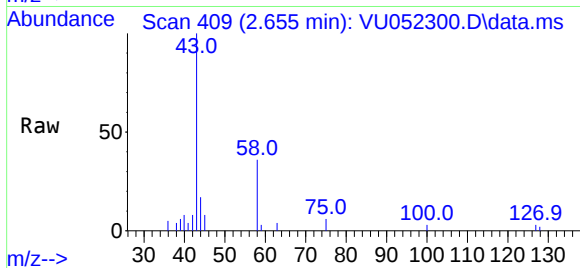
C0EM8

Tgt Ion: 43 Resp: 15397

Ion Ratio Lower Upper

43 100

58 34.7 0.0 76.0



#15

Methyl Acetate

Concen: 0.283 ug/L

RT: 2.957 min Scan# 503

Delta R.T. 0.000 min

Lab File: VU052300.D

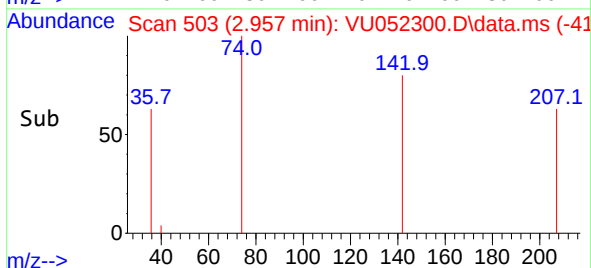
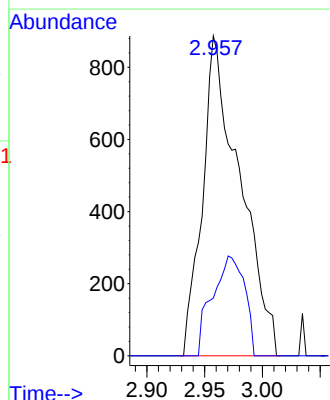
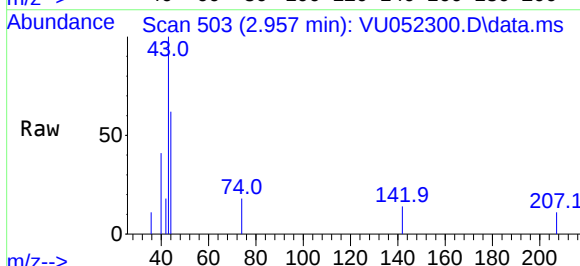
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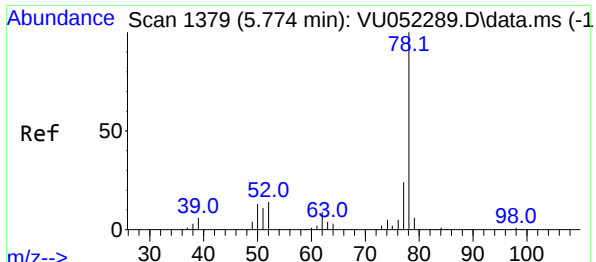
Tgt Ion: 43 Resp: 1992

Ion Ratio Lower Upper

43 100

74 26.8 21.3 31.9

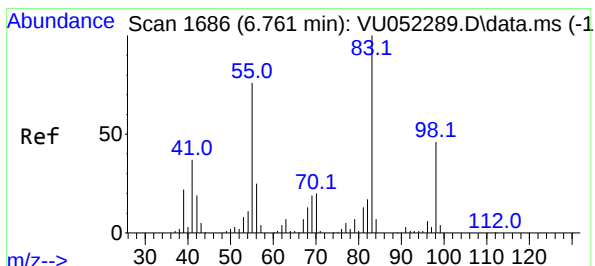
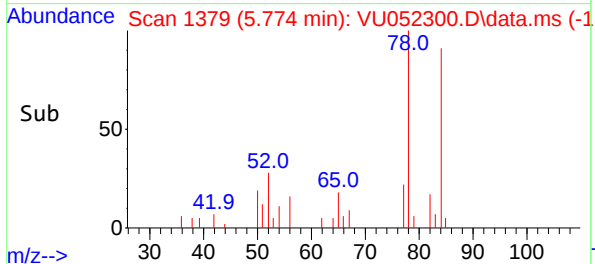
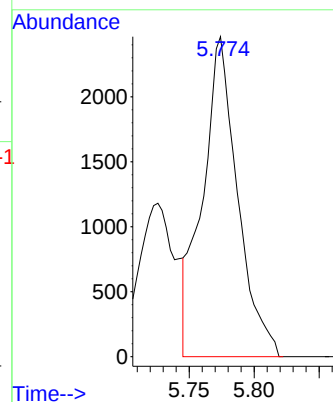
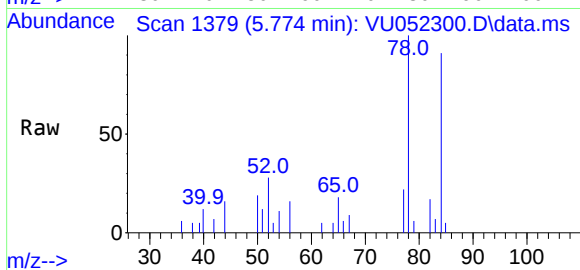




#33
Benzene
Concen: 0.062 ug/L
RT: 5.774 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU052300.D
Acq: 09 Dec 2022 14:38

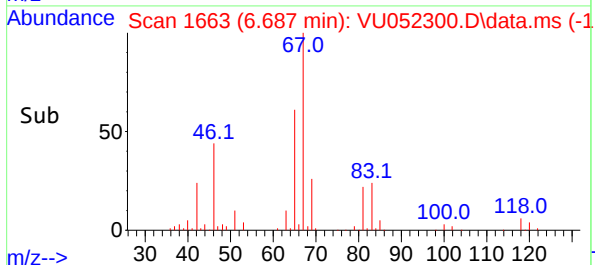
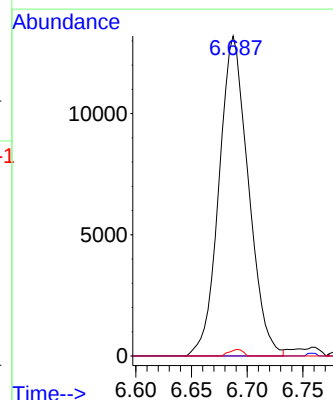
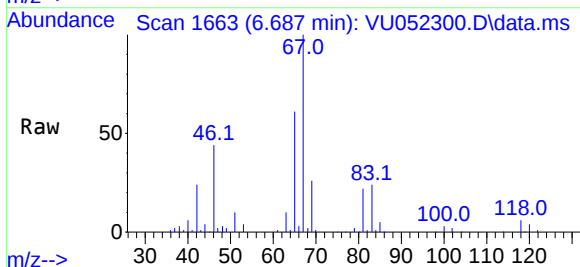
Tgt Ion: 78 Resp: 4616

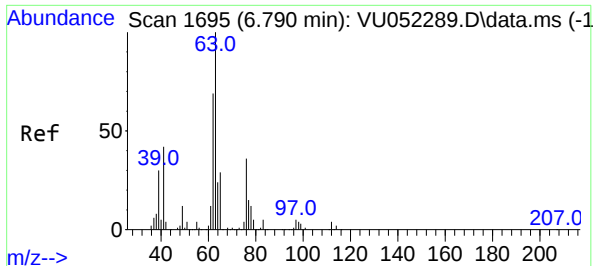
Instrument :
MSVOA_U
ClientSampleId :
C0EM8



#35
Methylcyclohexane
Concen: 0.904 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052300.D
Acq: 09 Dec 2022 14:38

Tgt Ion: 83 Resp: 24211
Ion Ratio Lower Upper
83 100
55 10.0 60.8 91.2#
98 0.9 35.1 52.7#

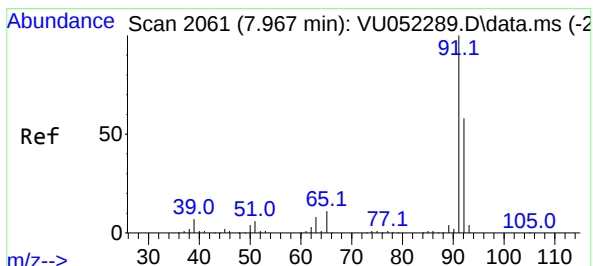
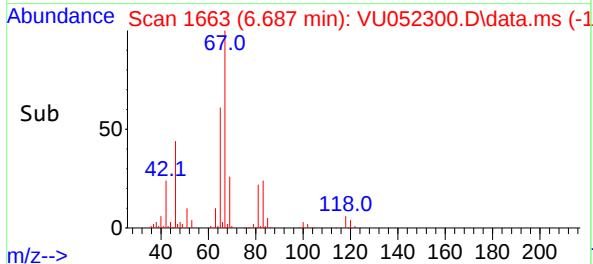
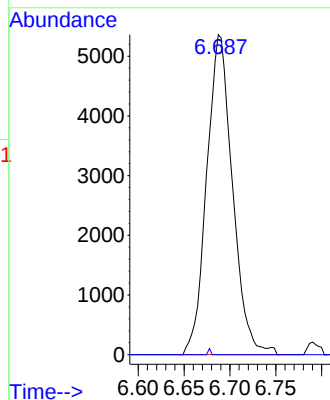
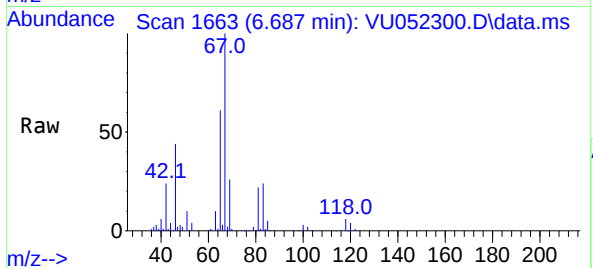




#37
1,2-Dichloropropane
Concen: 0.544 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU052300.D
Acq: 09 Dec 2022 14:38

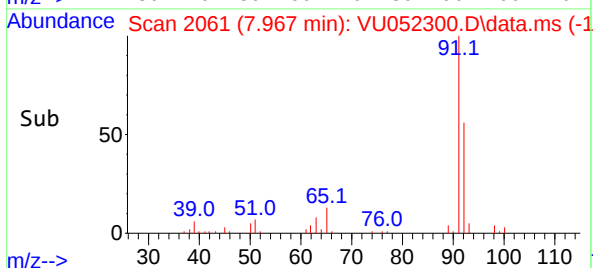
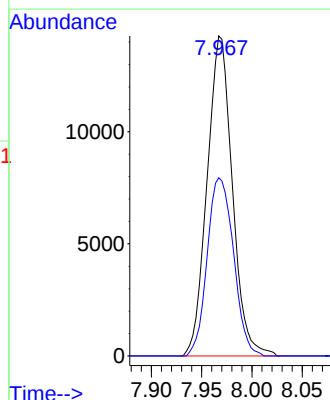
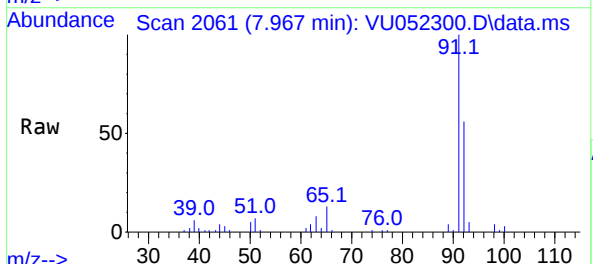
Instrument :
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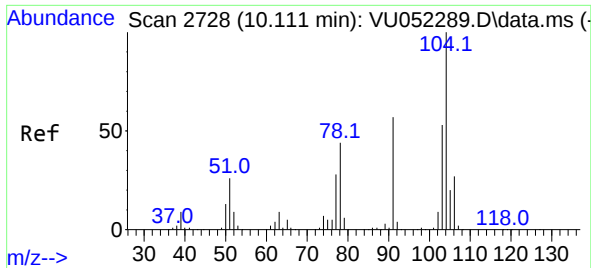
Tgt Ion: 63 Resp: 10519
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#



#42
Toluene
Concen: 0.325 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VU052300.D
Acq: 09 Dec 2022 14:38

Tgt Ion: 91 Resp: 24959
Ion Ratio Lower Upper
91 100
92 55.7 40.7 75.5

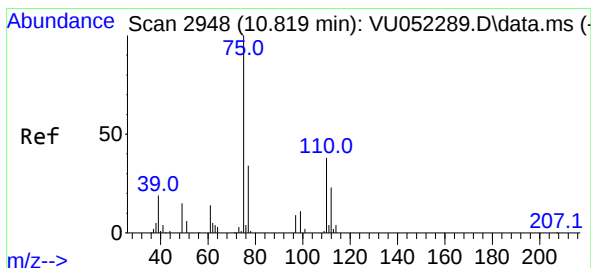
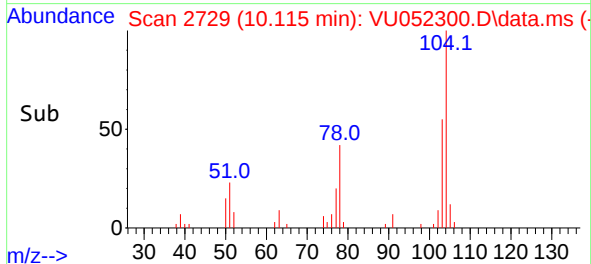
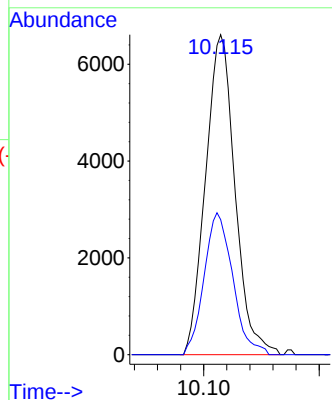
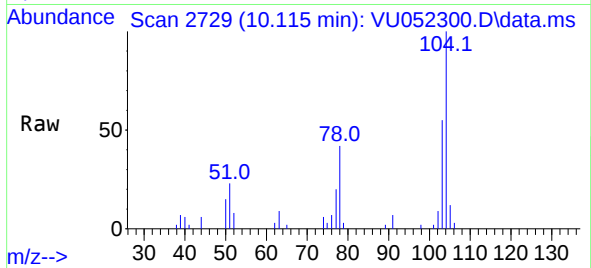




#55
Styrene
Concen: 0.250 ug/L
RT: 10.115 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052300.D
Acq: 09 Dec 2022 14:38

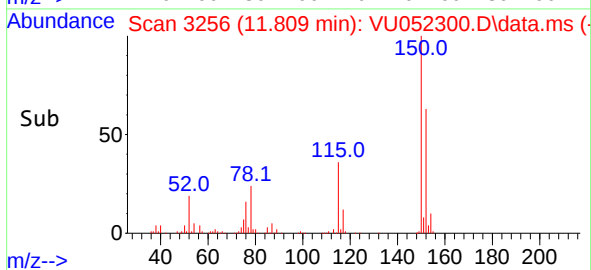
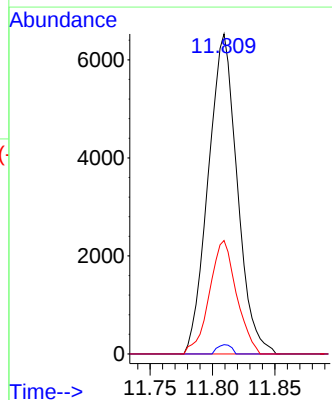
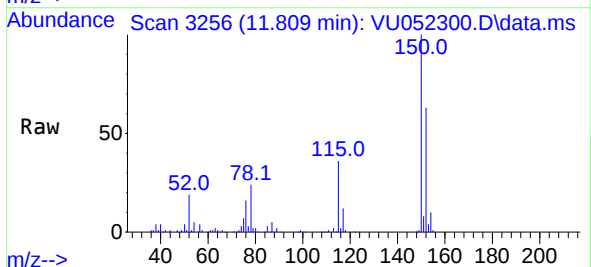
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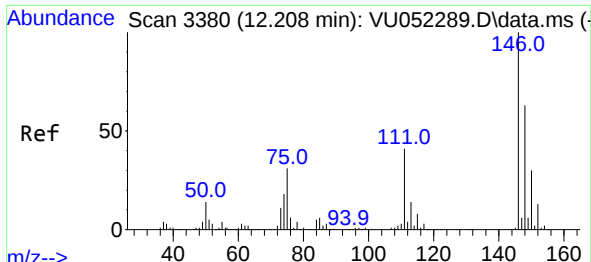
Tgt Ion:104 Resp: 11695
Ion Ratio Lower Upper
104 100
78 42.2 30.6 56.8



#61
1,2,3-Trichloropropane
Concen: 1.031 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU052300.D
Acq: 09 Dec 2022 14:38

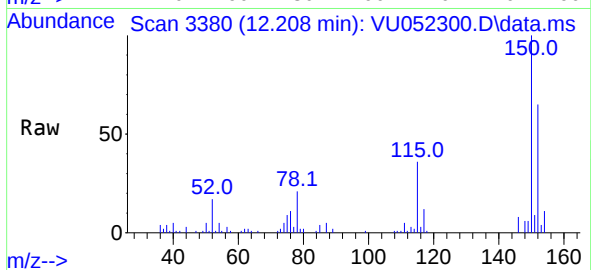
Tgt Ion: 75 Resp: 10564
Ion Ratio Lower Upper
75 100
110 1.4 28.3 42.5#
77 33.2 26.2 39.2





#67
 1,2-Dichlorobenzene
 Concen: 0.097 ug/L
 RT: 12.208 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU052300.D
 Acq: 09 Dec 2022 14:38

Instrument :
 MSVOA_U
 ClientSampleId :
 C0EM8



Tgt Ion:	146	Resp:	2694
Ion	Ratio	Lower	Upper
146	100		
111	59.0	32.7	49.1#
148	74.4	50.6	75.8

