

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
 Data File : VU053277.D
 Acq On : 17 Mar 2023 19:11
 Operator : JC/MD
 Sample : 01930-21
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFG0

Quant Time: Mar 18 01:54:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 18 01:49:30 2023
 Response via : Initial Calibration

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

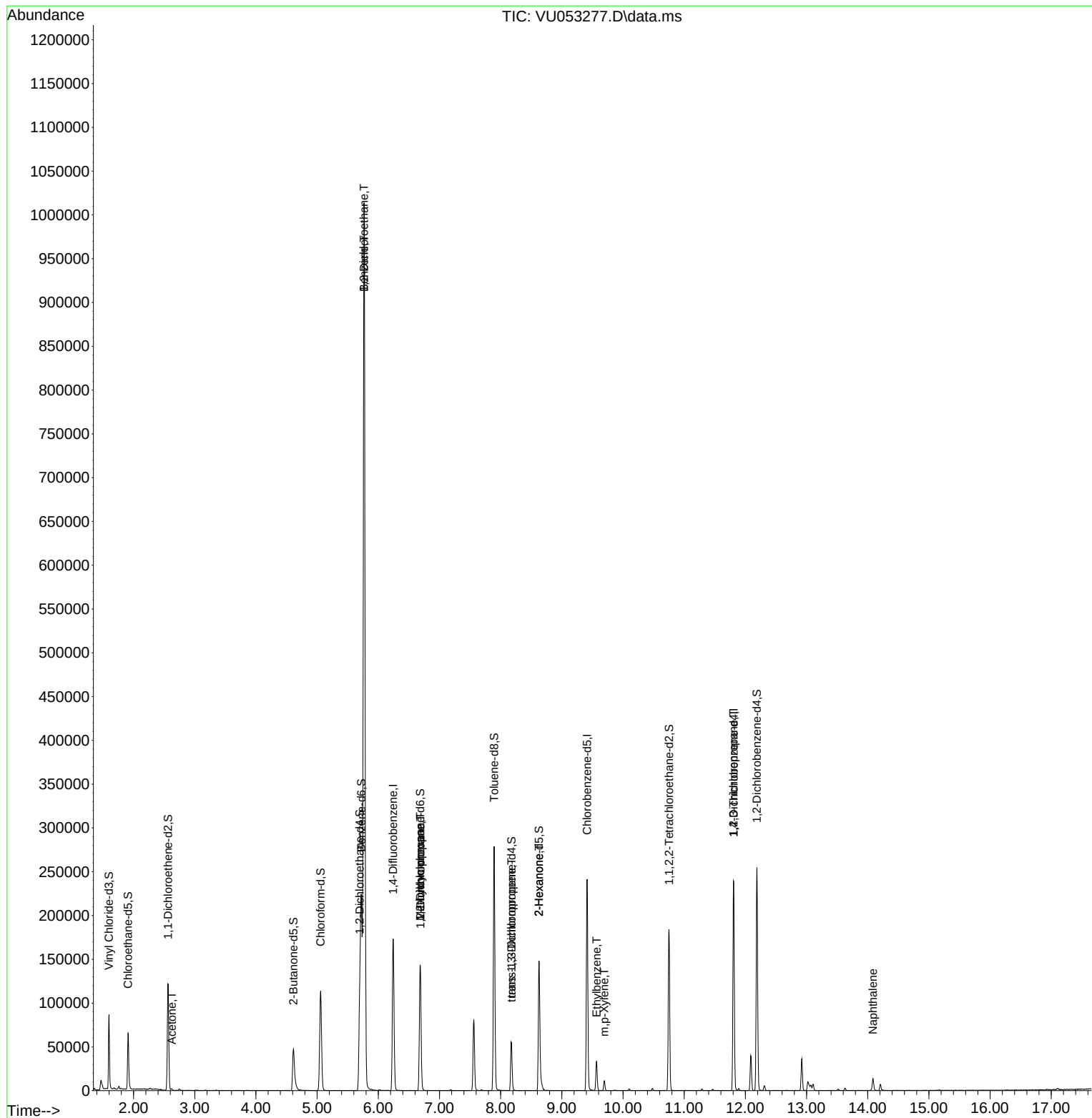
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	136572	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	123251	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	56730	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	56759	45.049	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.100%		
7) Chloroethane-d5	1.909	69	46284	45.414	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.820%		
11) 1,1-Dichloroethene-d2	2.562	63	71067	32.560	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.120%		
21) 2-Butanone-d5	4.613	46	70643	120.887	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	120.890%		
24) Chloroform-d	5.057	84	97775	47.116	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.240%		
26) 1,2-Dichloroethane-d4	5.697	65	66499	51.598	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.200%		
32) Benzene-d6	5.723	84	208914	52.259	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.520%		
36) 1,2-Dichloropropane-d6	6.684	67	70982	55.015	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	110.020%		
41) Toluene-d8	7.893	98	185690	49.890	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.780%		
43) trans-1,3-Dichloroprop...	8.176	79	31189	48.994	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.980%		
47) 2-Hexanone-d5	8.626	63	53005	131.404	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	131.400%#		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	91915	54.993	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	109.980%		
66) 1,2-Dichlorobenzene-d4	12.189	152	59158	53.856	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.720%		
Target Compounds					Qvalue	
13) Acetone	2.623	43	2252	3.384	ug/L	85
27) 1,2-Dichloroethane	5.768	62	8435	5.140	ug/L #	76
33) Benzene	5.768	78	958465	224.307	ug/L	100
35) Methylcyclohexane	6.684	83	15432	7.902	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	7498	6.289	ug/L #	90
44) trans-1,3-Dichloropropene	8.179	75	1528	0.853	ug/L	92
48) 2-Hexanone	8.626	43	5783	5.636	ug/L #	61
52) Ethylbenzene	9.568	91	24518	4.706	ug/L	95
53) m,p-Xylene	9.693	106	2835	1.458	ug/L	73
60) 1,2,3-Trichloropropane	11.806	75	8667	7.688	ug/L #	68
71) Naphthalene	14.086	128	10986	3.044	ug/L	96

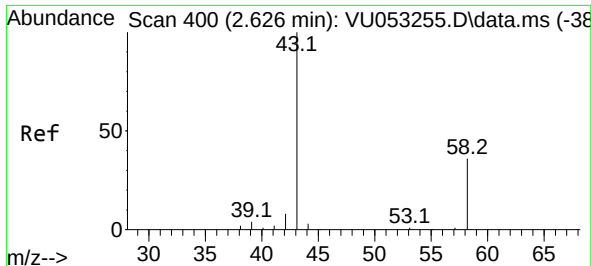
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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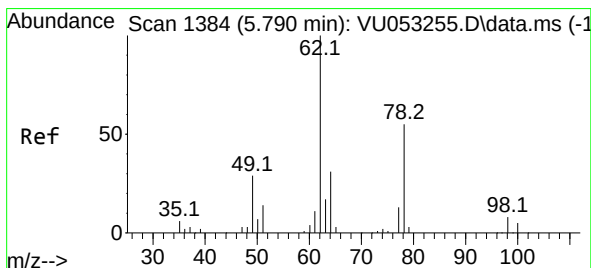
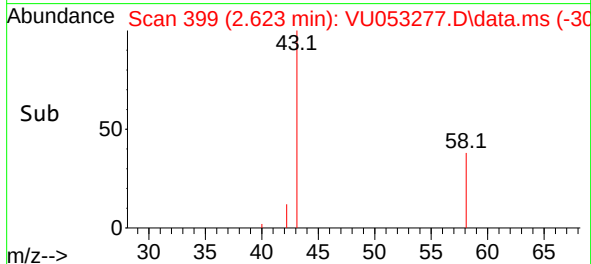
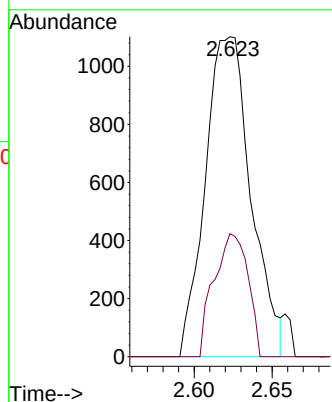
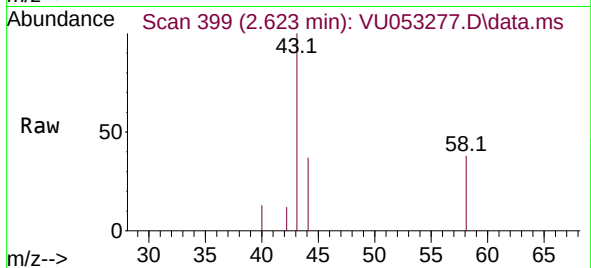




#13
Acetone
Concen: 3.384 ug/L
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU053277.D
Acq: 17 Mar 2023 19:11

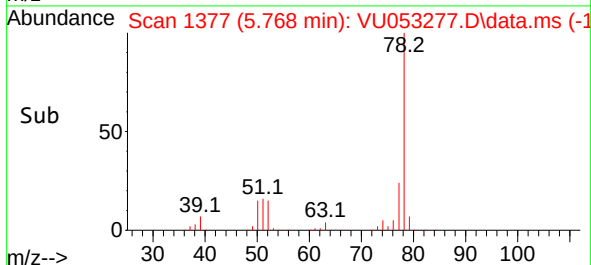
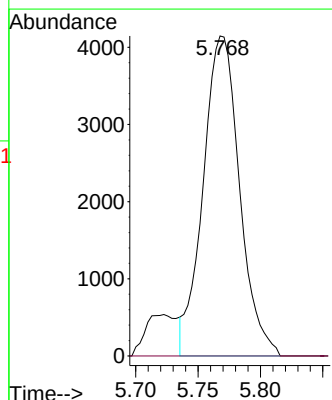
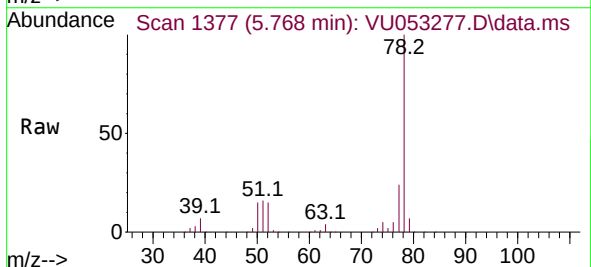
Instrument :
MSVOA_U
ClientSampleId :
EYFG0

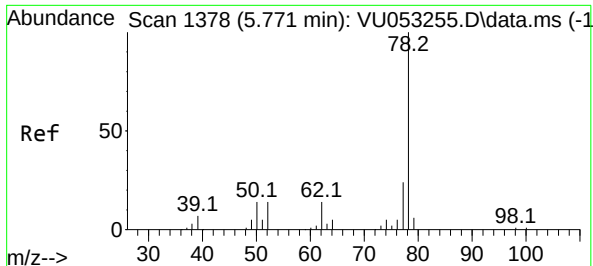
Tgt Ion: 43 Resp: 2252
Ion Ratio Lower Upper
43 100
58 28.4 0.0 75.0



#27
1,2-Dichloroethane
Concen: 5.140 ug/L
RT: 5.768 min Scan# 1377
Delta R.T. -0.023 min
Lab File: VU053277.D
Acq: 17 Mar 2023 19:11

Tgt Ion: 62 Resp: 8435
Ion Ratio Lower Upper
62 100
98 0.0 7.0 10.6#

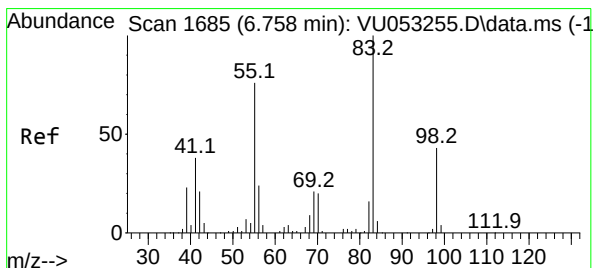
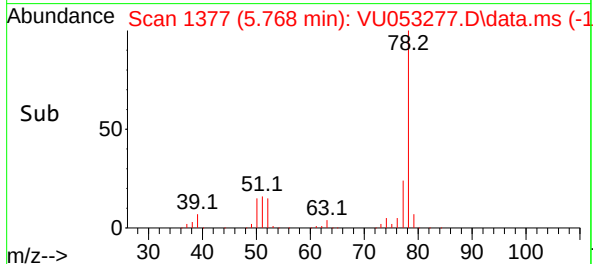
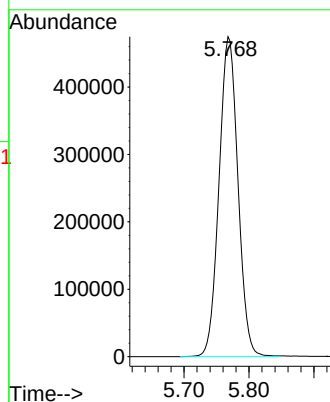
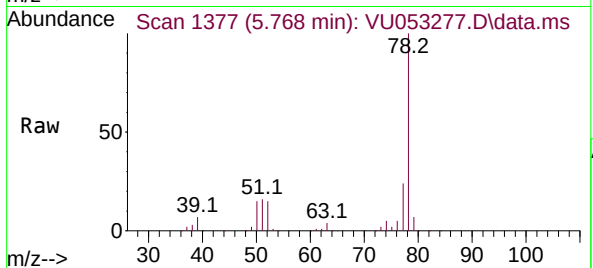




#33
Benzene
Concen: 224.307 ug/L
RT: 5.768 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU053277.D
Acq: 17 Mar 2023 19:11

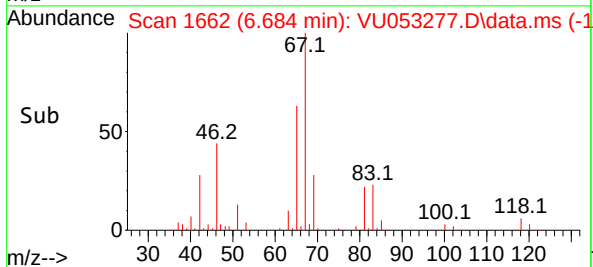
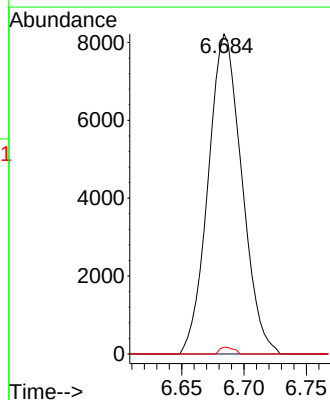
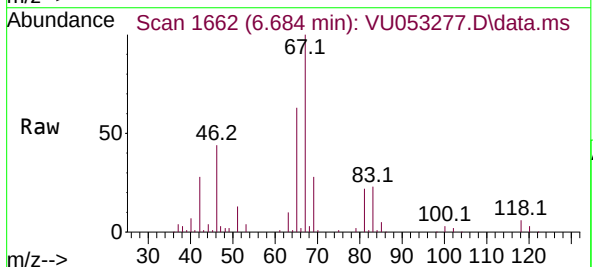
Instrument :
MSVOA_U
ClientSampleId :
EYFG0

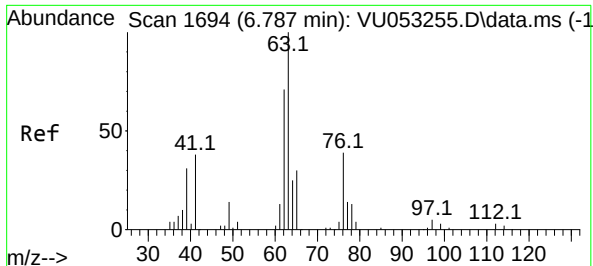
Tgt Ion: 78 Resp: 958465



#35
Methylcyclohexane
Concen: 7.902 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.074 min
Lab File: VU053277.D
Acq: 17 Mar 2023 19:11

Tgt Ion: 83 Resp: 15432
Ion Ratio Lower Upper
83 100
55 0.0 58.2 87.4#
98 0.9 35.4 53.2#





#37

1,2-Dichloropropane

Concen: 6.289 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU053277.D

Acq: 17 Mar 2023 19:11

Instrument :

MSVOA_U

ClientSampleId :

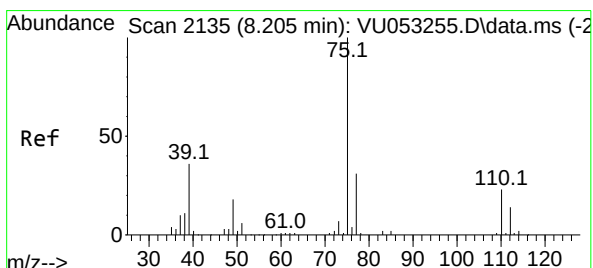
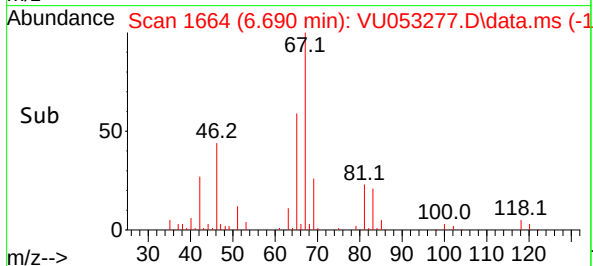
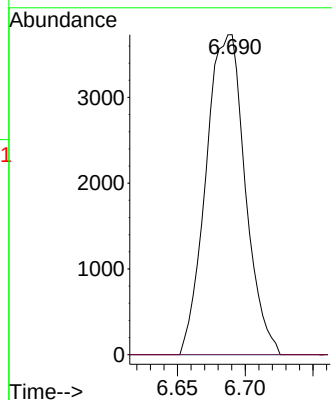
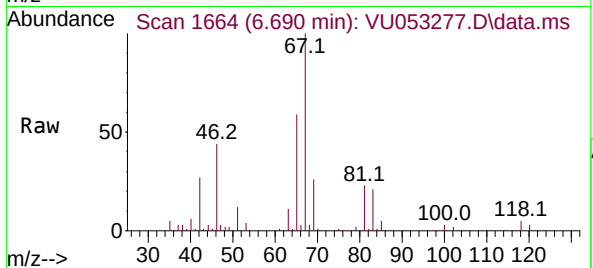
EYFG0

Tgt Ion: 63 Resp: 7498

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#



#44

trans-1,3-Dichloropropene

Concen: 0.853 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.026 min

Lab File: VU053277.D

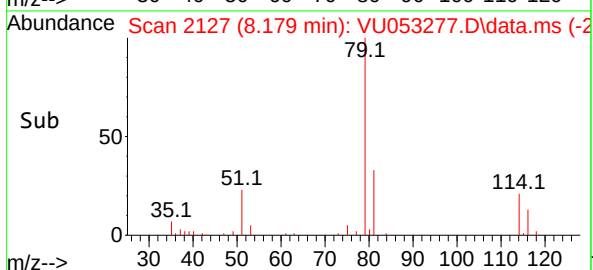
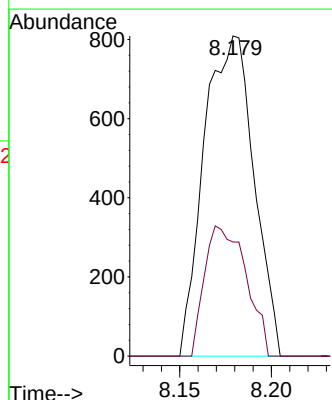
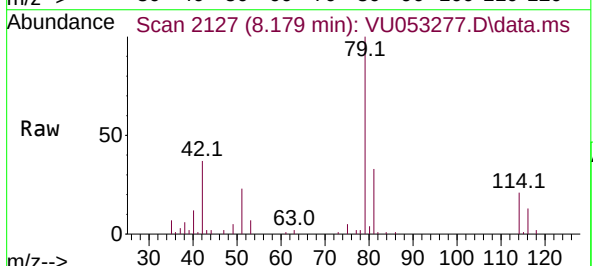
Acq: 17 Mar 2023 19:11

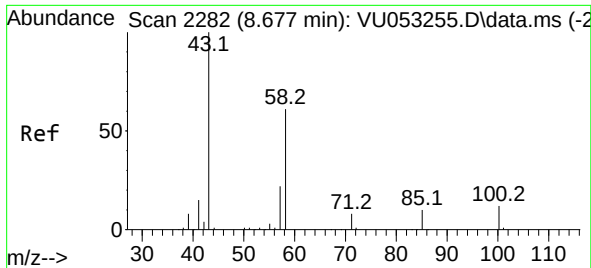
Tgt Ion: 75 Resp: 1528

Ion Ratio Lower Upper

75 100

77 35.6 22.0 40.8

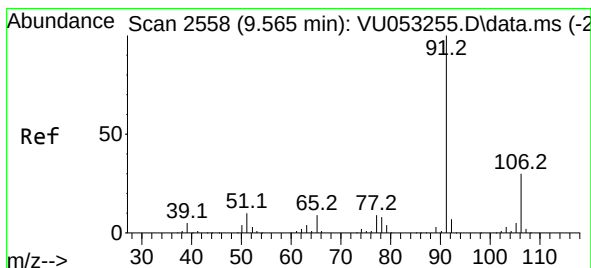
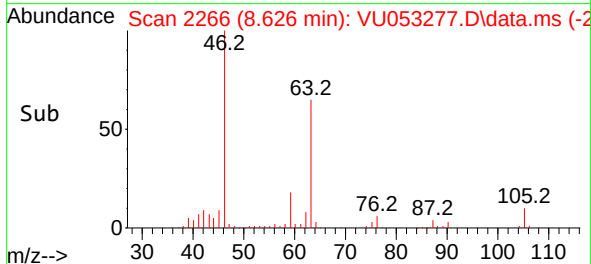
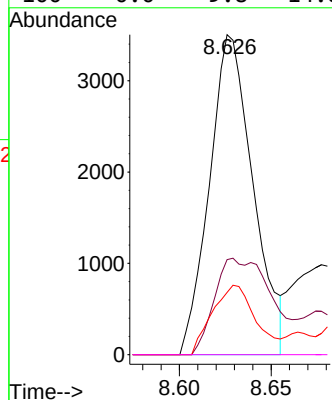
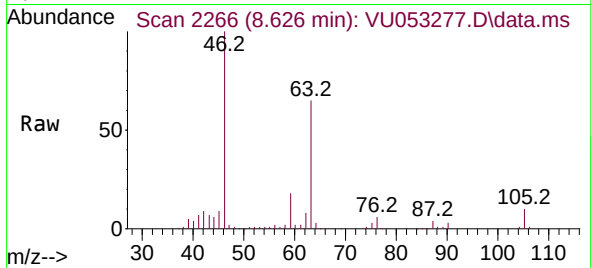




#48
2-Hexanone
Concen: 5.636 ug/L
RT: 8.626 min Scan# 21
Delta R.T. -0.052 min
Lab File: VU053277.D
Acq: 17 Mar 2023 19:11

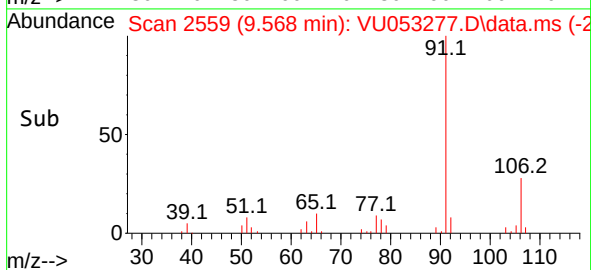
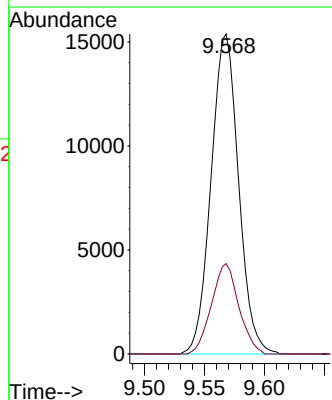
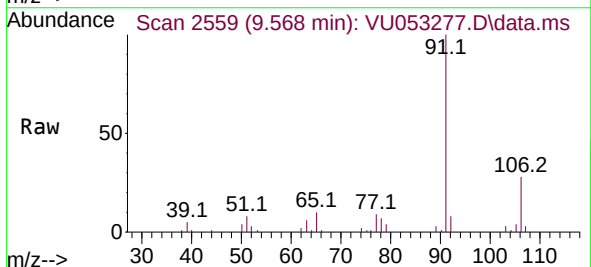
Instrument :
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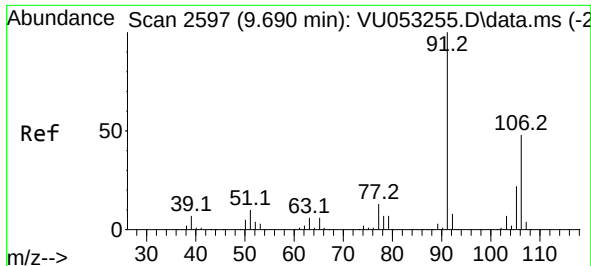
Tgt Ion: 43	Resp: 5783
Ion Ratio	Lower Upper
43 100	
58 21.2	49.4 74.0#
57 21.8	16.9 25.3
100 0.0	9.8 14.8#



#52
Ethylbenzene
Concen: 4.706 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.003 min
Lab File: VU053277.D
Acq: 17 Mar 2023 19:11

Tgt Ion: 91	Resp: 24518
Ion Ratio	Lower Upper
91 100	
106 28.2	21.6 40.0

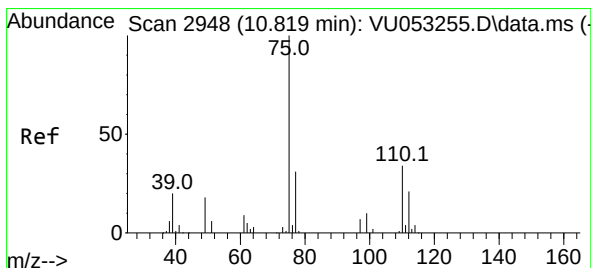
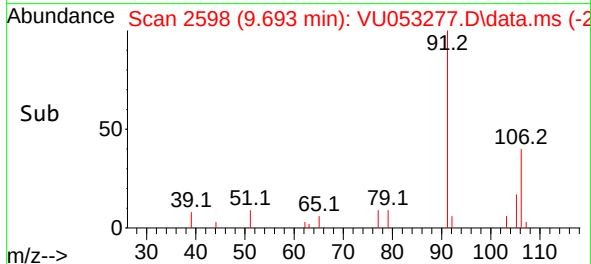
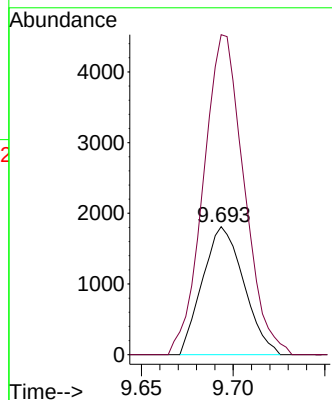
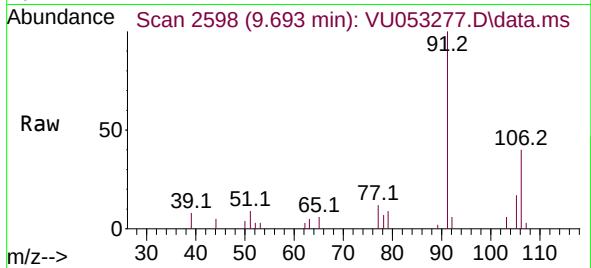




#53
m,p-Xylene
Concen: 1.458 ug/L
RT: 9.693 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053277.D
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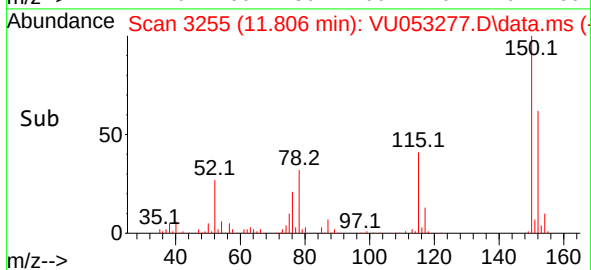
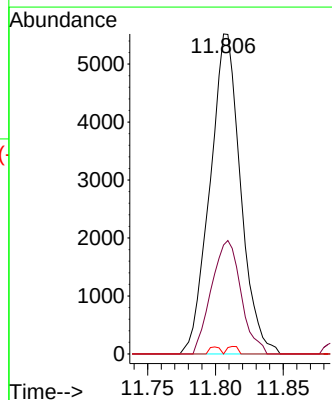
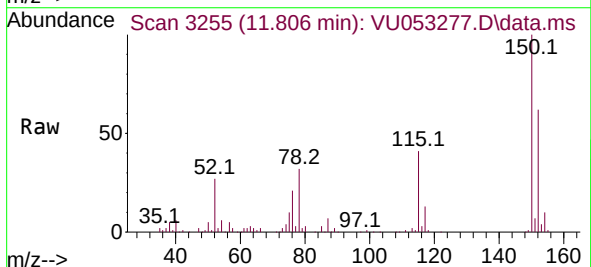
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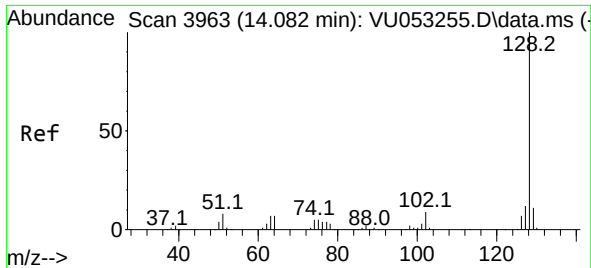
Tgt Ion:106 Resp: 2835
Ion Ratio Lower Upper
106 100
91 250.0 145.3 269.8



#60
1,2,3-Trichloropropane
Concen: 7.688 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU053277.D
Acq: 17 Mar 2023 19:11

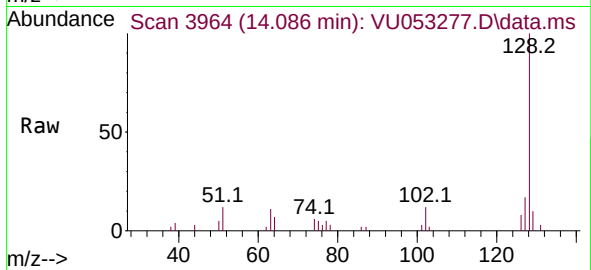
Tgt Ion: 75 Resp: 8667
Ion Ratio Lower Upper
75 100
77 34.2 26.6 40.0
110 0.8 28.6 42.8#





#71
Naphthalene
Concen: 3.044 ug/L
RT: 14.086 min Scan# 3963
Delta R.T. 0.003 min
Lab File: VU053277.D
Acq: 17 Mar 2023 19:11

Instrument :
MSVOA_U
ClientSampleId :
EYFG0



Tgt Ion:	128	Resp:	10986
Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.0	15.0
129	9.6	8.6	13.0

