

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032223\
 Data File : VU053347.D
 Acq On : 22 Mar 2023 13:14
 Operator : JC/MD
 Sample : 01961-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFC2

Quant Time: Mar 23 02:43:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 23 02:41:20 2023
 Response via : Initial Calibration

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

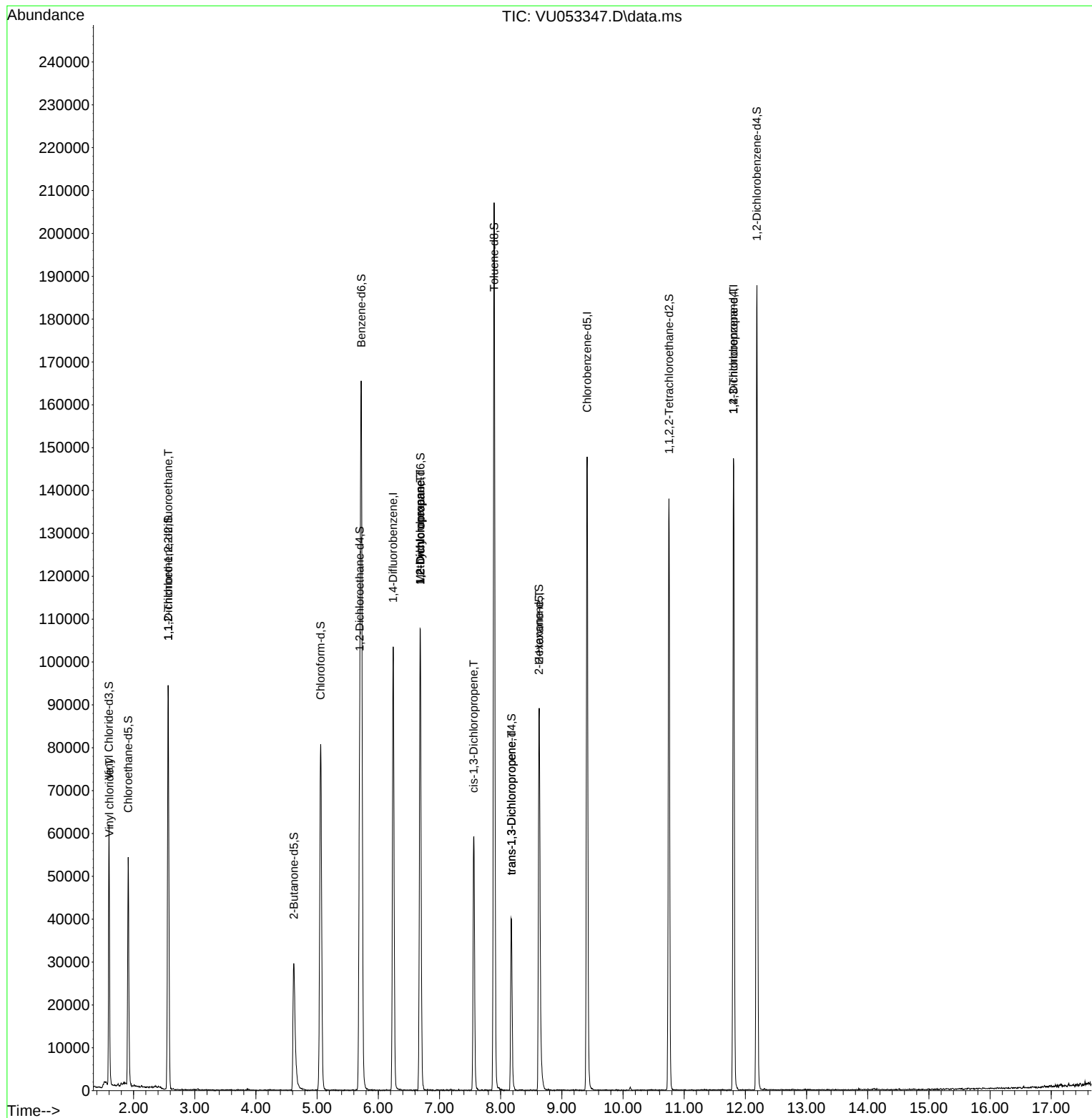
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	80724	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	75356	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	34801	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	40303	54.118	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 108.240%			
7) Chloroethane-d5	1.912	69	37939	62.981	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 125.960%			
11) 1,1-Dichloroethene-d2	2.565	63	54328	42.112	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.220%			
21) 2-Butanone-d5	4.620	46	46117	133.515	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 133.520%#			
24) Chloroform-d	5.057	84	70827	57.742	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.480%			
26) 1,2-Dichloroethane-d4	5.697	65	49819	65.399	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 130.800%#			
32) Benzene-d6	5.723	84	153424	62.771	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 125.540%#			
36) 1,2-Dichloropropane-d6	6.687	67	51307	65.040	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 130.080%#			
41) Toluene-d8	7.893	98	136661	60.054	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 120.100%#			
43) trans-1,3-Dichloroprop...	8.176	79	22892	58.817	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 117.640%			
47) 2-Hexanone-d5	8.626	63	32076	130.060	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 130.060%#			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	66977	65.542	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 131.080%#			
66) 1,2-Dichlorobenzene-d4	12.189	152	43937	65.203	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 130.400%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	2607	3.069	ug/L #	46
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	419	0.654	ug/L #	22
35) Methylcyclohexane	6.684	83	11320	9.480	ug/L #	21
37) 1,2-Dichloropropane	6.684	63	5931	8.137	ug/L #	90
39) cis-1,3-Dichloropropene	7.559	75	1541	1.287	ug/L #	41
44) trans-1,3-Dichloropropene	8.176	75	1086	0.992	ug/L	85
48) 2-Hexanone	8.629	43	3500	5.579	ug/L #	83
60) 1,2,3-Trichloropropane	11.806	75	5348	7.734	ug/L #	66

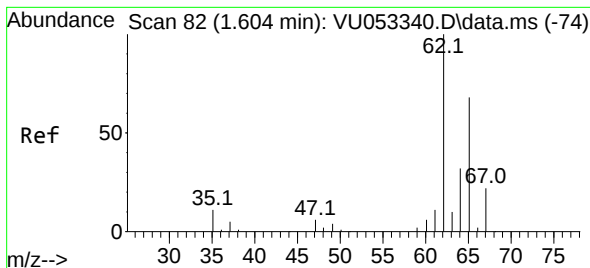
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.069 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU053347.D

Acq: 22 Mar 2023 13:14

Instrument :

MSVOA_U

ClientSampleId :

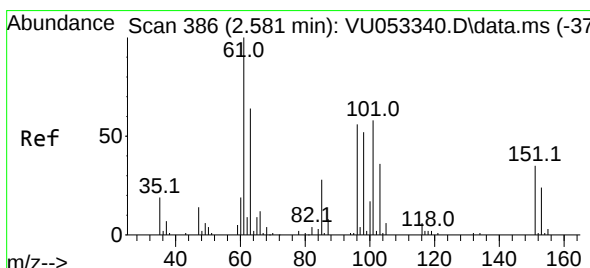
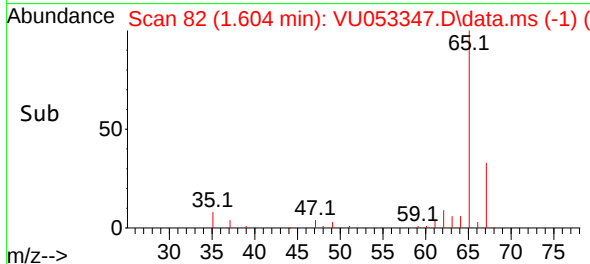
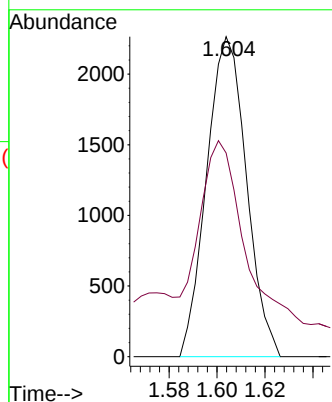
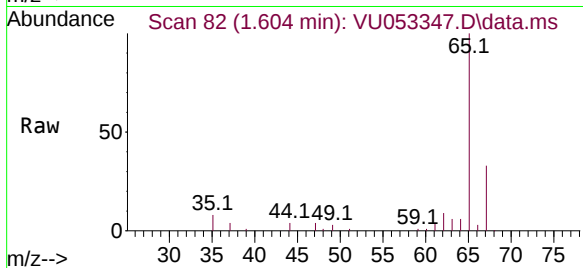
EYFC2

Tgt Ion: 62 Resp: 2607

Ion Ratio Lower Upper

62 100

64 63.7 23.2 43.0#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.654 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.016 min

Lab File: VU053347.D

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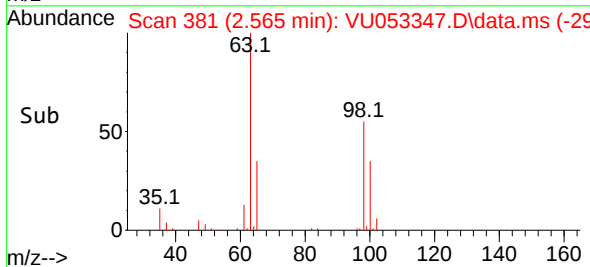
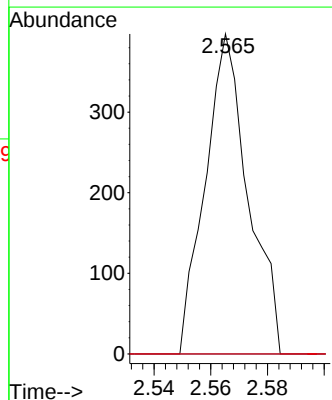
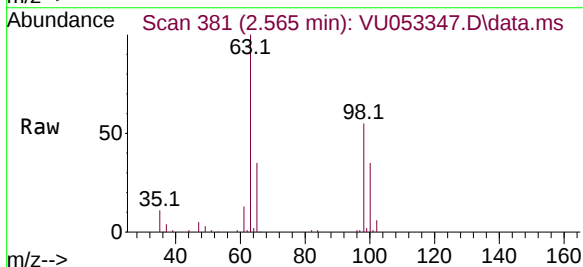
Tgt Ion: 101 Resp: 419

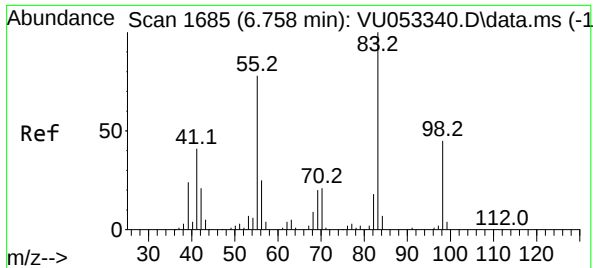
Ion Ratio Lower Upper

101 100

85 0.0 37.0 55.6#

151 0.0 52.9 79.3#





#35

Methylcyclohexane

Concen: 9.480 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.074 min

Lab File: VU053347.D

Acq: 22 Mar 2023 13:14

Instrument :

MSVOA_U

ClientSampleId :

EYFC2

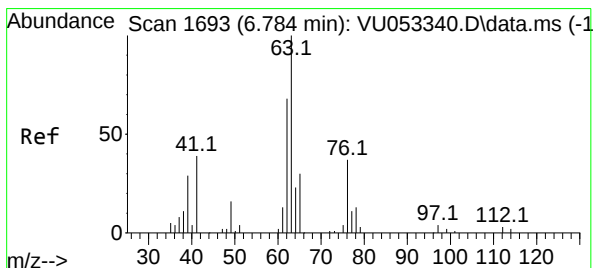
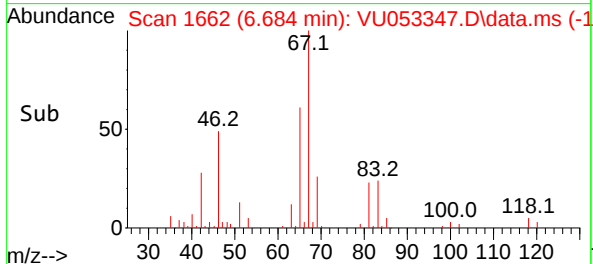
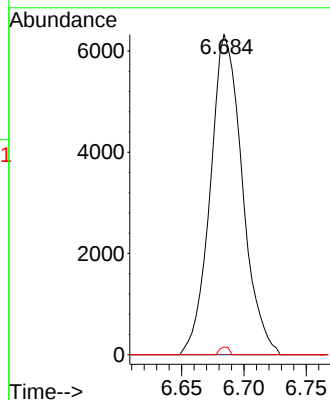
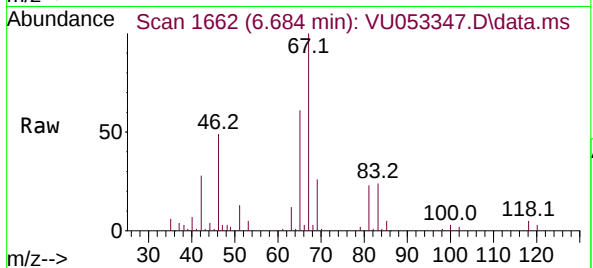
Tgt Ion: 83 Resp: 11320

Ion Ratio Lower Upper

83 100

55 0.0 58.2 87.4#

98 0.7 35.4 53.2#



#37

1,2-Dichloropropane

Concen: 8.137 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.100 min

Lab File: VU053347.D

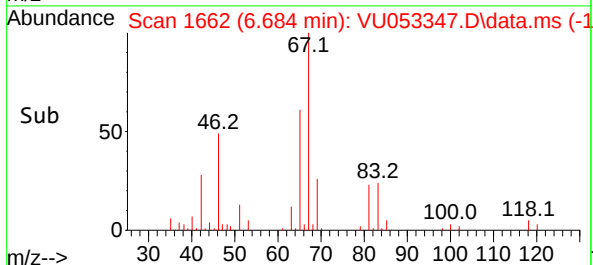
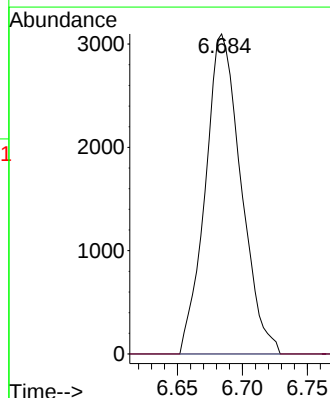
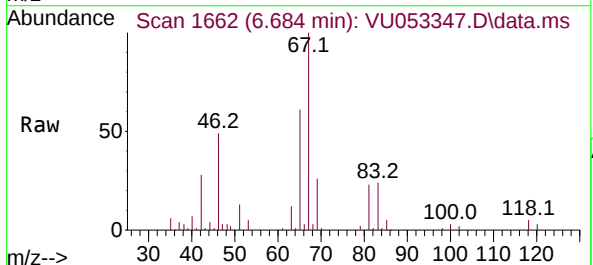
Acq: 22 Mar 2023 13:14

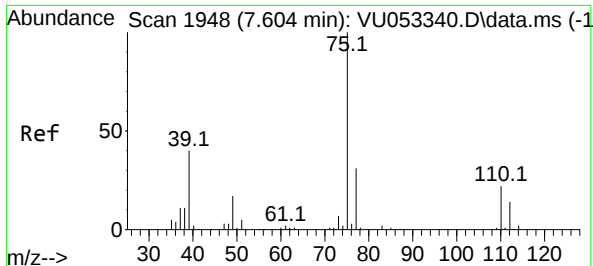
Tgt Ion: 63 Resp: 5931

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#





#39

cis-1,3-Dichloropropene

Concen: 1.287 ug/L

RT: 7.559 min Scan# 1948

Delta R.T. -0.045 min

Lab File: VU053347.D

Acq: 22 Mar 2023 13:14

Instrument :

MSVOA_U

ClientSampleId :

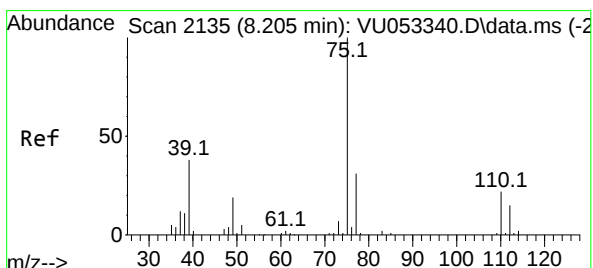
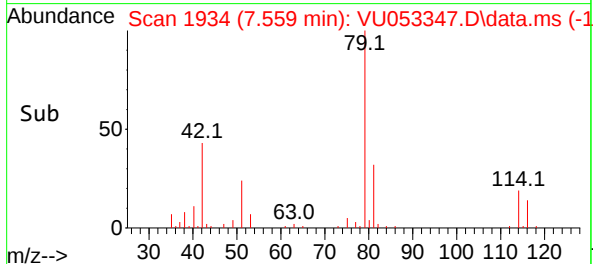
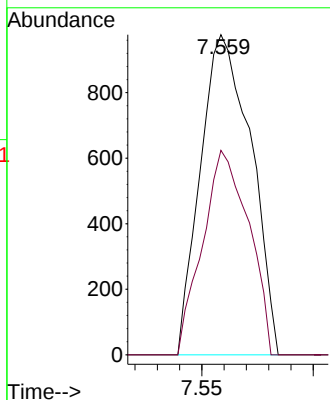
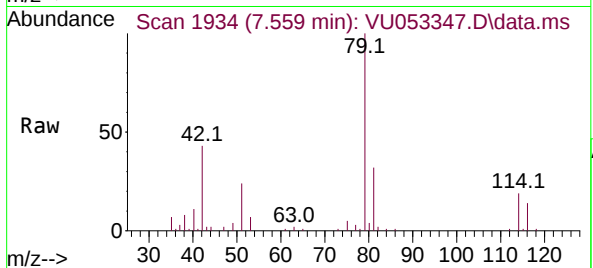
EYFC2

Tgt Ion: 75 Resp: 1541

Ion Ratio Lower Upper

75 100

77 63.9 21.9 40.7#



#44

trans-1,3-Dichloropropene

Concen: 0.992 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.029 min

Lab File: VU053347.D

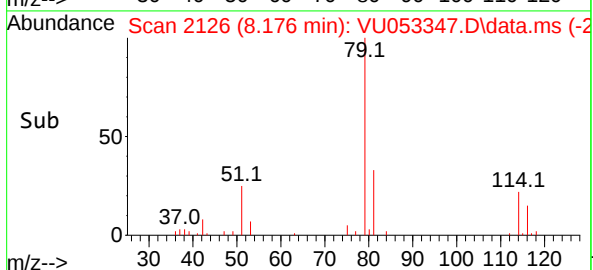
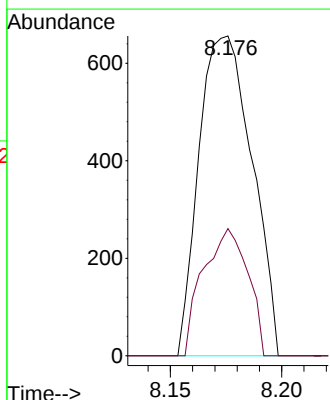
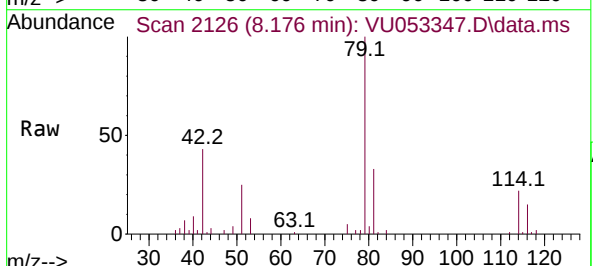
Acq: 22 Mar 2023 13:14

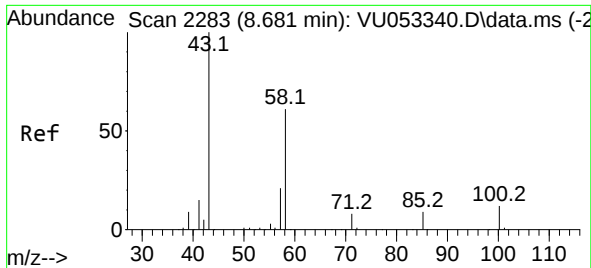
Tgt Ion: 75 Resp: 1086

Ion Ratio Lower Upper

75 100

77 39.8 22.0 40.8

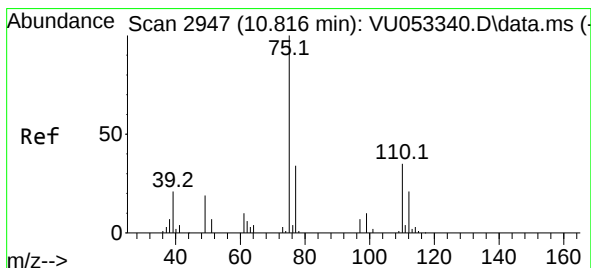
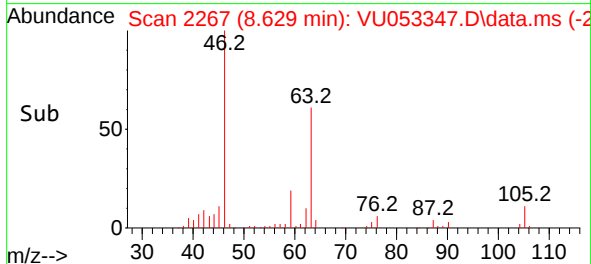
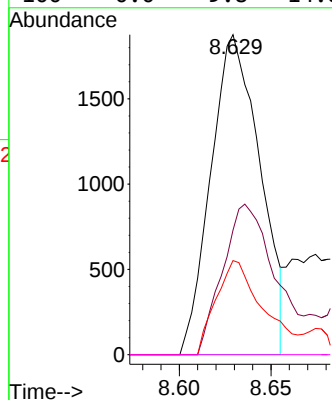
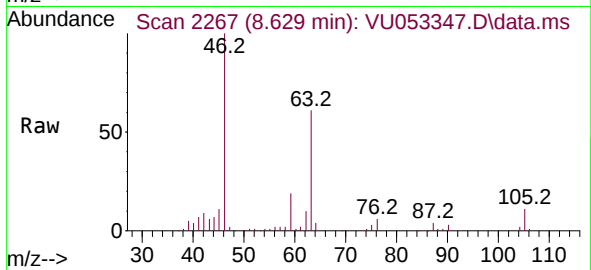




#48
2-Hexanone
Concen: 5.579 ug/L
RT: 8.629 min Scan# 21
Delta R.T. -0.051 min
Lab File: VU053347.D
Acq: 22 Mar 2023 13:14

Instrument :
MSVOA_U
ClientSampleId :
EYFC2

Tgt Ion:	43	Resp:	3500
Ion	Ratio	Lower	Upper
43	100		
58	50.3	49.4	74.0
57	28.2	16.9	25.3#
100	0.0	9.8	14.8#



#60
1,2,3-Trichloropropane
Concen: 7.734 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.990 min
Lab File: VU053347.D
Acq: 22 Mar 2023 13:14

Tgt Ion:	75	Resp:	5348
Ion	Ratio	Lower	Upper
75	100		
77	35.8	26.6	40.0
110	0.0	28.6	42.8#

