

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
 Data File : VU053270.D
 Acq On : 17 Mar 2023 16:25
 Operator : JC/MD
 Sample : 01930-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFB9

Quant Time: Mar 18 01:53:10 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)

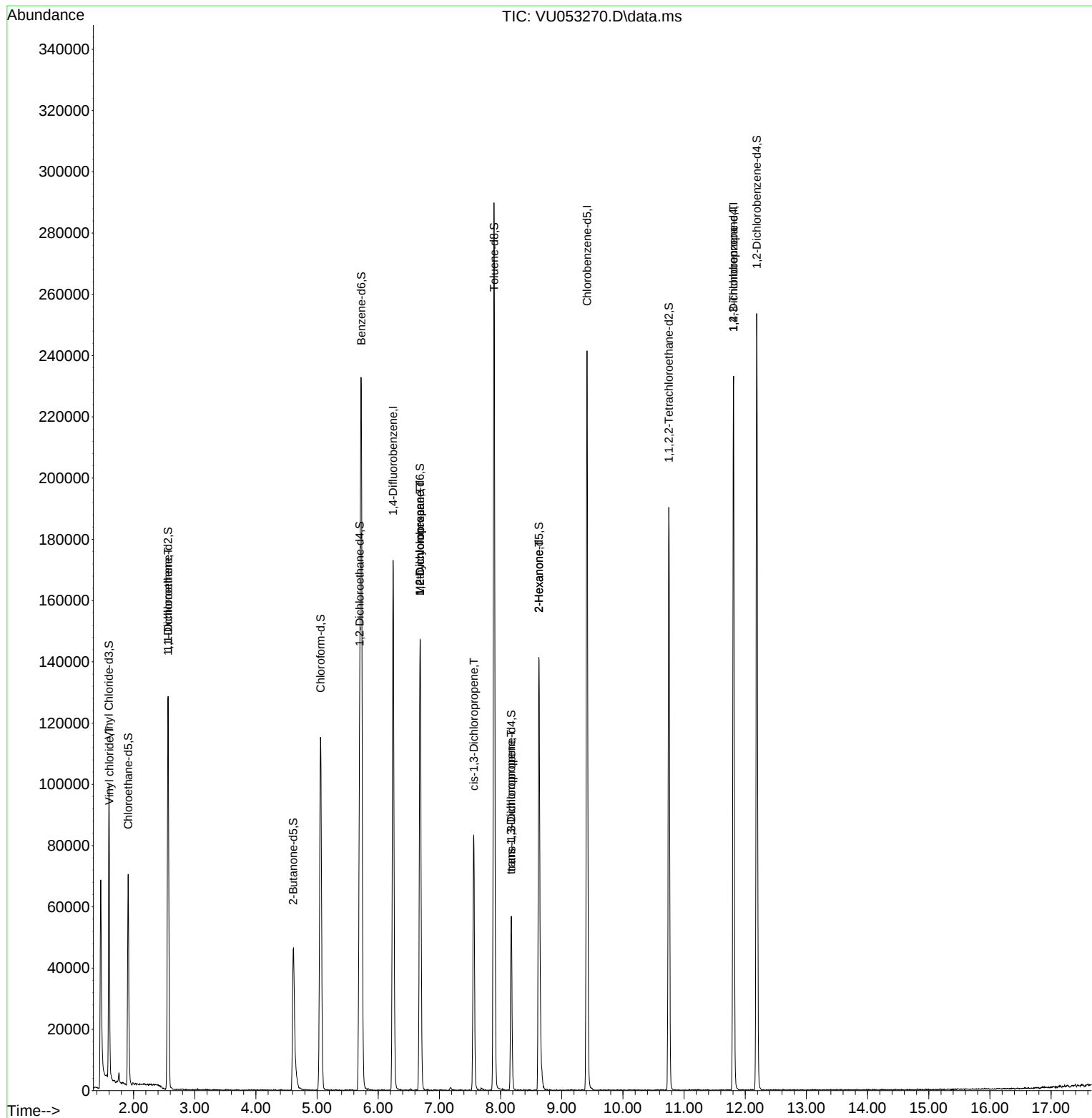
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	134480	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	123958	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	55380	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	59618	48.054	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	96.100%		
7) Chloroethane-d5	1.912	69	48841	48.669	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.340%		
11) 1,1-Dichloroethene-d2	2.565	63	75947	35.337	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.680%		
21) 2-Butanone-d5	4.610	46	69315	120.460	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	120.460%		
24) Chloroform-d	5.057	84	100945	49.400	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.800%		
26) 1,2-Dichloroethane-d4	5.697	65	68316	53.832	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.660%		
32) Benzene-d6	5.722	84	216223	53.779	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.560%		
36) 1,2-Dichloropropane-d6	6.684	67	72753	56.066	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	112.140%		
41) Toluene-d8	7.893	98	192115	51.322	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.640%		
43) trans-1,3-Dichloroprop...	8.176	79	32503	50.767	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	101.540%		
47) 2-Hexanone-d5	8.626	63	52214	128.704	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	128.700%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	94010	55.925	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	111.860%		
66) 1,2-Dichlorobenzene-d4	12.188	152	60438	56.362	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	112.720%		
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	8808	6.225	ug/L #	45
12) 1,1-Dichloroethene	2.562	96	532	0.539	ug/L #	1
35) Methylcyclohexane	6.684	83	15649	7.967	ug/L #	20
37) 1,2-Dichloropropane	6.684	63	7651	6.381	ug/L #	90
39) cis-1,3-Dichloropropene	7.562	75	2320	1.178	ug/L #	76
44) trans-1,3-Dichloropropene	8.172	75	1522	0.845	ug/L #	90
48) 2-Hexanone	8.626	43	6031	5.844	ug/L #	79
60) 1,2,3-Trichloropropane	11.809	75	8929	8.114	ug/L #	65

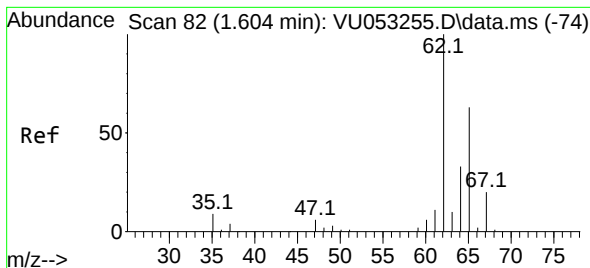
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 18 01:49:30 2023
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 6.225 ug/L

RT: 1.604 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU053270.D

Acq: 17 Mar 2023 16:25

Instrument :

MSVOA_U

ClientSampleId :

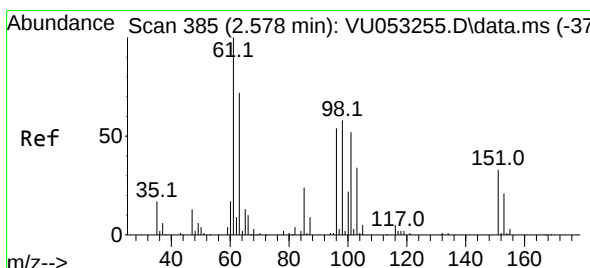
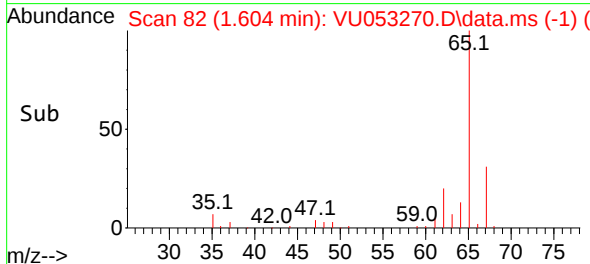
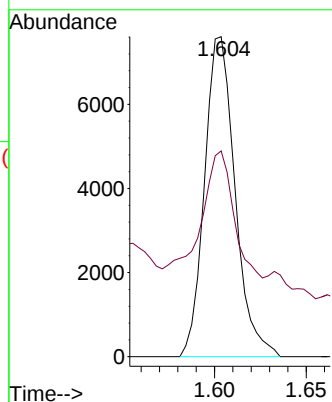
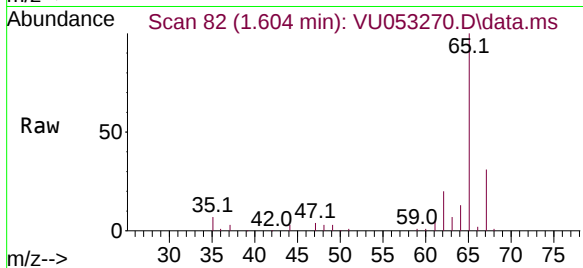
EYFB9

Tgt Ion: 62 Resp: 8808

Ion Ratio Lower Upper

62 100

64 64.3 23.2 43.0#



#12

1,1-Dichloroethene

Concen: 0.539 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.016 min

Lab File: VU053270.D

Acq: 17 Mar 2023 16:25

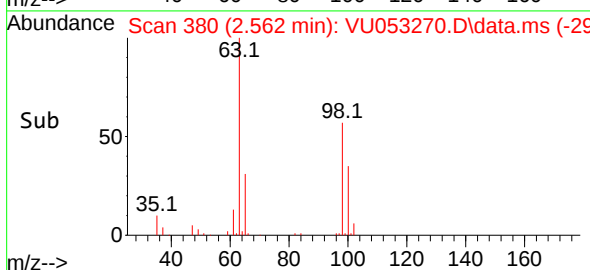
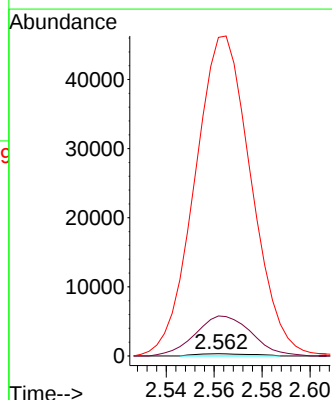
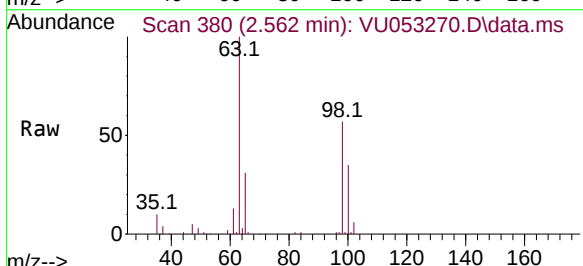
Tgt Ion: 96 Resp: 532

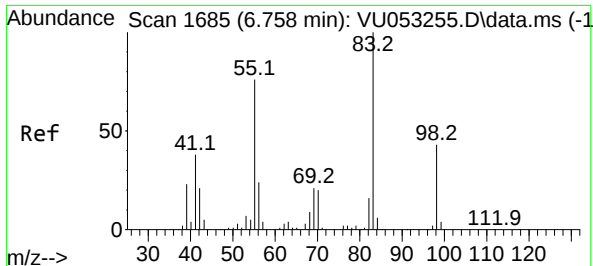
Ion Ratio Lower Upper

96 100

61 1800.9 122.2 226.9#

63 14362.6 89.9 166.9#





#35

Methylcyclohexane

Concen: 7.967 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU053270.D

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Instrument :

MSVOA_U

ClientSampleId :

EYFB9

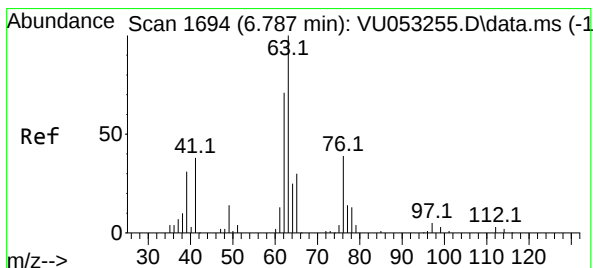
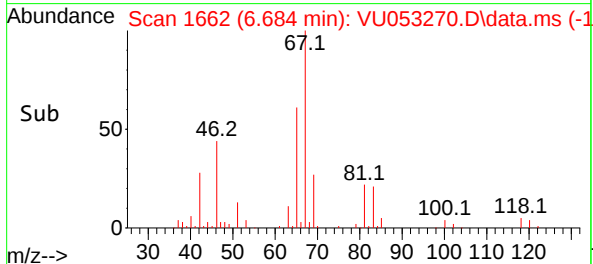
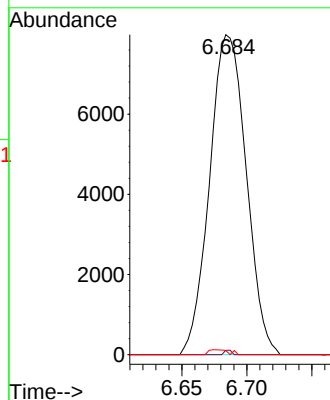
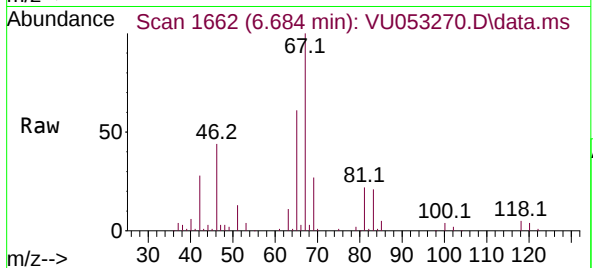
Tgt Ion: 83 Resp: 15649

Ion Ratio Lower Upper

83 100

55 0.3 58.2 87.4#

98 0.1 35.4 53.2#



#37

1,2-Dichloropropane

Concen: 6.381 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.103 min

Lab File: VU053270.D

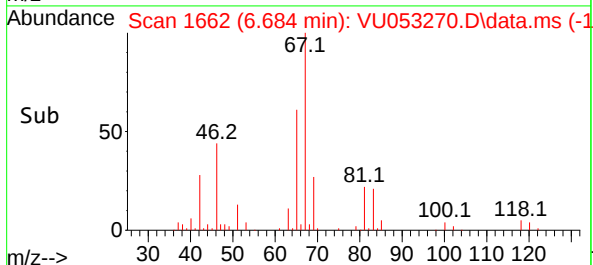
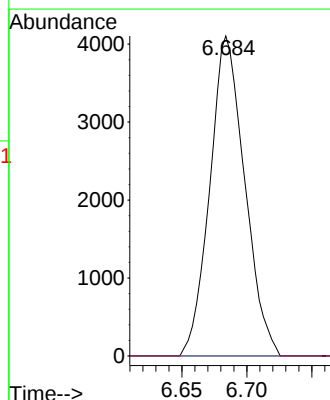
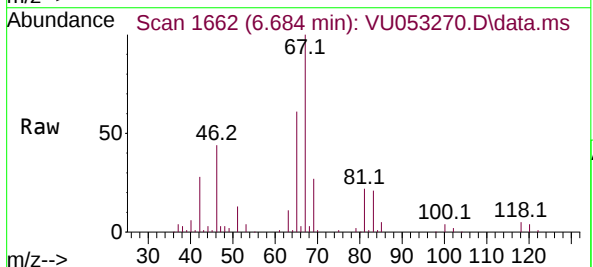
Acq: 17 Mar 2023 16:25

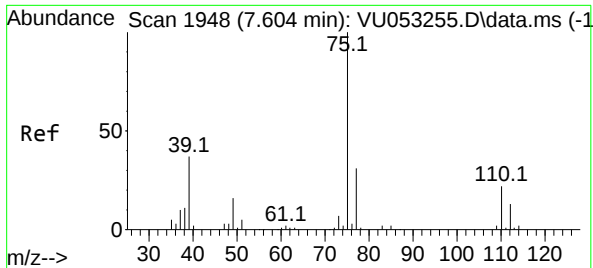
Tgt Ion: 63 Resp: 7651

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#





#39

cis-1,3-Dichloropropene

Concen: 1.178 ug/L

RT: 7.562 min Scan# 1948

Delta R.T. -0.042 min

Lab File: VU053270.D

Acq: 17 Mar 2023 16:25

Instrument :

MSVOA_U

ClientSampleId :

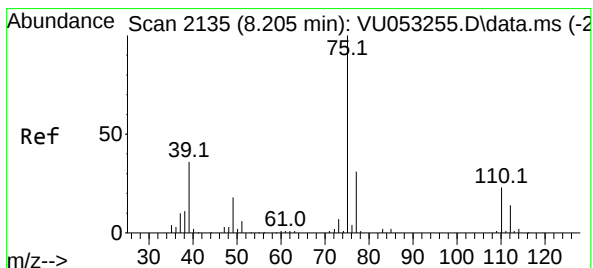
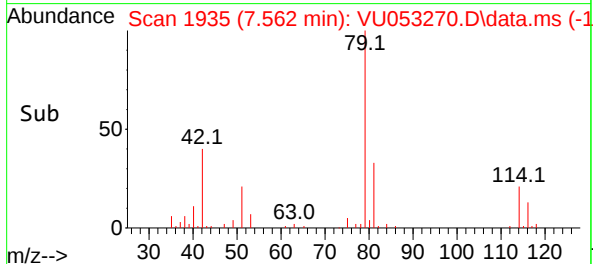
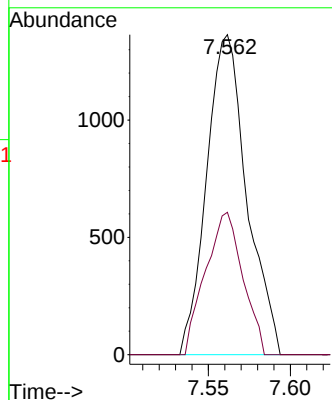
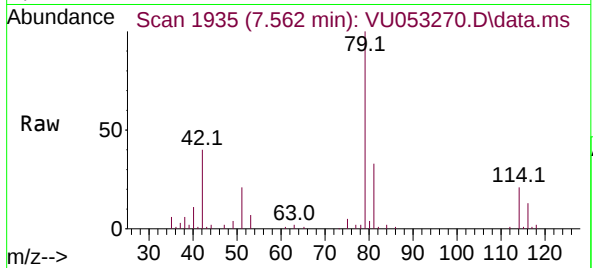
EYFB9

Tgt Ion: 75 Resp: 2320

Ion Ratio Lower Upper

75 100

77 44.5 21.9 40.7#



#44

trans-1,3-Dichloropropene

Concen: 0.845 ug/L

RT: 8.172 min Scan# 2125

Delta R.T. -0.032 min

Lab File: VU053270.D

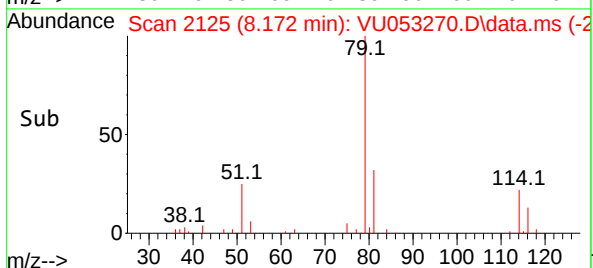
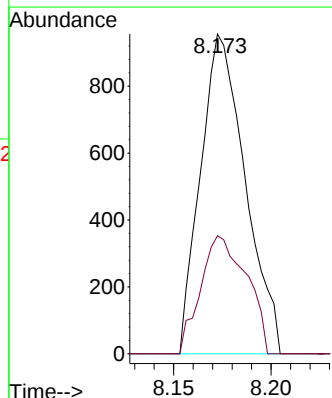
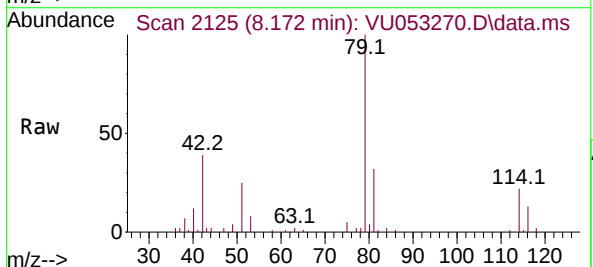
Acq: 17 Mar 2023 16:25

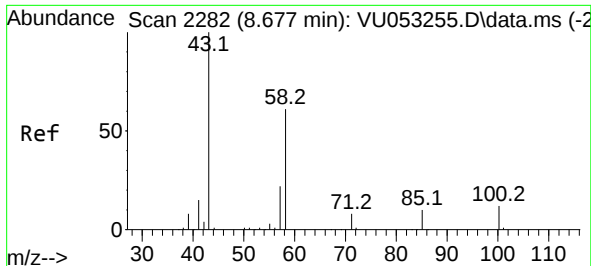
Tgt Ion: 75 Resp: 1522

Ion Ratio Lower Upper

75 100

77 36.9 22.0 40.8

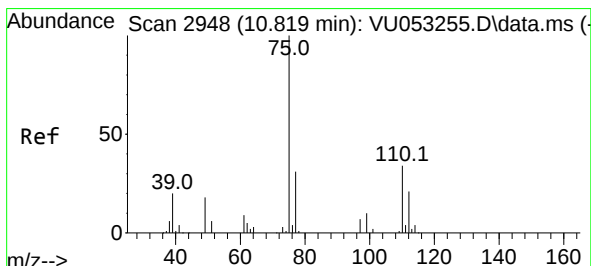
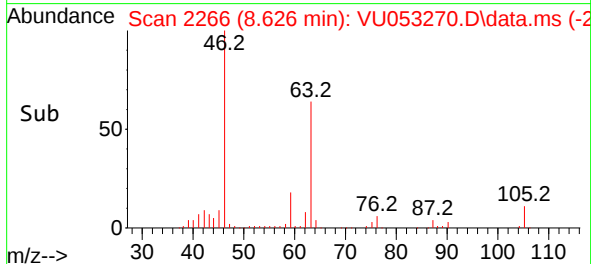
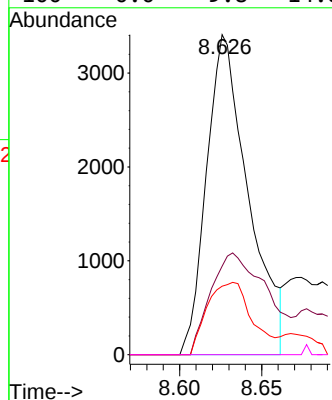
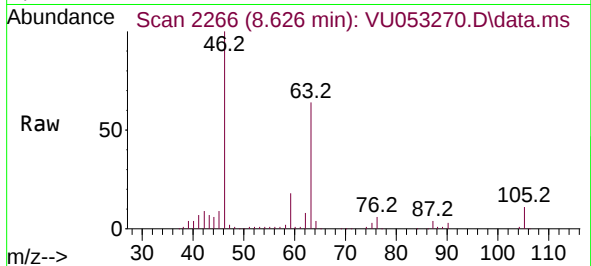




#48
2-Hexanone
Concen: 5.844 ug/L
RT: 8.626 min Scan# 21
Delta R.T. -0.052 min
Lab File: VU053270.D
Acq: 17 Mar 2023 16:25

Instrument :
MSVOA_U
ClientSampleId :
EYFB9

Tgt Ion:	43	Resp:	6031
Ion	Ratio	Lower	Upper
43	100		
58	43.1	49.4	74.0#
57	24.3	16.9	25.3
100	0.0	9.8	14.8#



#60
1,2,3-Trichloropropane
Concen: 8.114 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU053270.D
Acq: 17 Mar 2023 16:25

Tgt Ion:	75	Resp:	8929
Ion	Ratio	Lower	Upper
75	100		
77	28.5	26.6	40.0
110	1.0	28.6	42.8#

