

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090122\
 Data File : VU050584.D
 Acq On : 01 Sep 2022 16:34
 Operator : SY/MD
 Sample : N4363-17ME
 Misc : 5.29g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

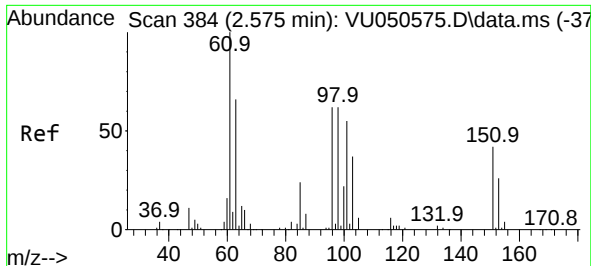
Instrument :
 MSVOA_U
 ClientSampleId :
 DBVX1ME

Quant Time: Sep 02 02:09:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM083022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 02 02:07:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	343249	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	325778	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	124495	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	52880	20.087	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	40.180%#		
7) Chloroethane-d5	1.890	69	31562	15.377	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	30.760%#		
11) 1,1-Dichloroethene-d2	2.588	63	41	0.009	ug/L	0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	0.020%#		
21) 2-Butanone-d5	4.645	46	172672	74.997	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	75.000%		
24) Chloroform-d	5.060	84	215163	42.004	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.000%		
26) 1,2-Dichloroethane-d4	5.700	65	142982	42.972	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.940%		
32) Benzene-d6	5.719	84	436075	43.188	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.380%		
36) 1,2-Dichloropropane-d6	6.690	67	146427	43.553	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.100%		
41) Toluene-d8	7.896	98	377383	42.961	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.920%		
43) trans-1,3-Dichloroprop...	8.182	79	58076	42.952	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.900%		
47) 2-Hexanone-d5	8.661	63	86852	71.348	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery =	71.350%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	210025	40.051	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	80.100%		
66) 1,2-Dichlorobenzene-d4	12.198	152	124953	46.357	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.720%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.526	101	1216	0.537	ug/L #	20
12) 1,1-Dichloroethene	2.530	96	1099	0.465	ug/L #	1
22) 2-Butanone	4.729	43	24946	9.017	ug/L #	64
35) Methylcyclohexane	6.690	83	34238	9.377	ug/L #	19
37) 1,2-Dichloropropane	6.687	63	15061	4.648	ug/L #	89
39) cis-1,3-Dichloropropene	7.562	75	3399	0.796	ug/L #	70
44) trans-1,3-Dichloropropene	8.182	75	2765	0.711	ug/L #	77
46) Tetrachloroethene	8.552	164	6045	3.182	ug/L	92
48) 2-Hexanone	8.713	43	42111	10.503	ug/L #	62
49) Dibromochloromethane	8.549	129	6197	2.269	ug/L #	10
60) 1,2,3-Trichloropropane	11.815	75	14168	3.791	ug/L #	68

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



#10

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

Concen: 0.537 ug/L

RT: 2.526 min Scan# 3

Delta R.T. -0.048 min

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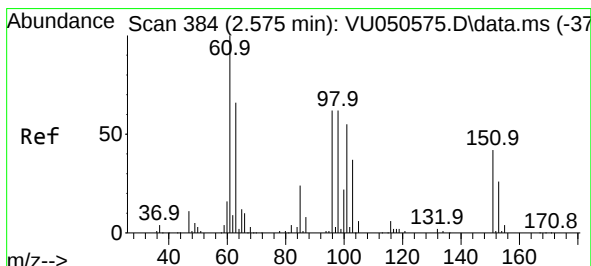
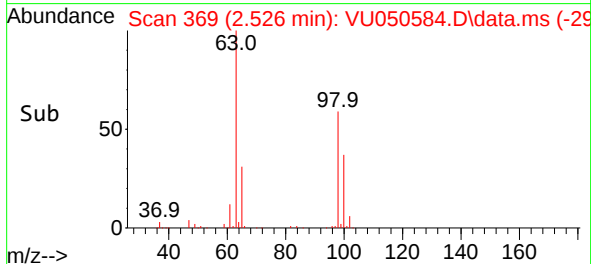
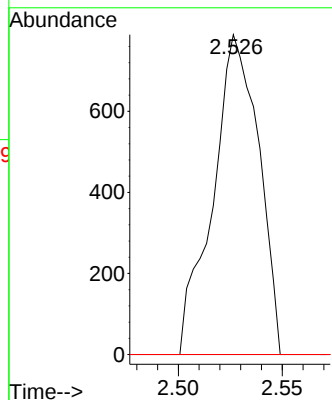
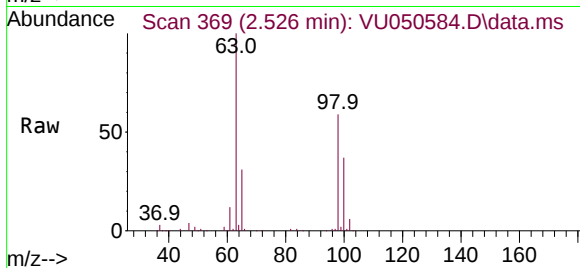
Tgt Ion:101 Resp: 1216

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 58.2 87.2#



#12

1,1-Dichloroethene

Concen: 0.465 ug/L

RT: 2.530 min Scan# 370

Delta R.T. -0.045 min

Lab File: VU050584.D

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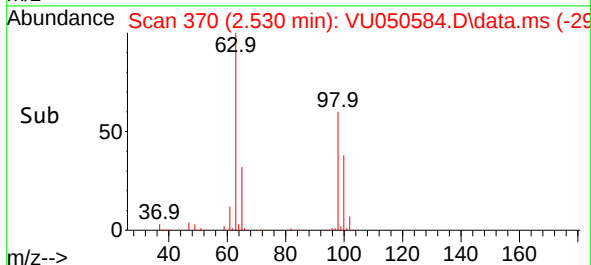
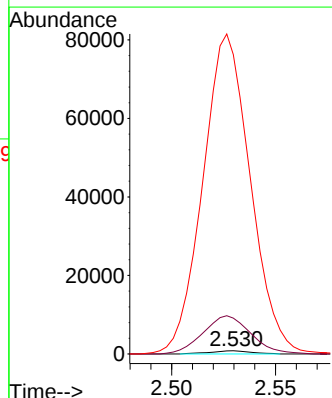
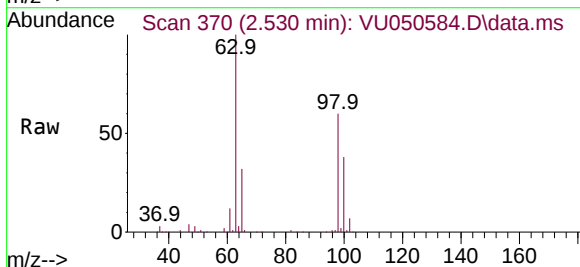
Tgt Ion: 96 Resp: 1099

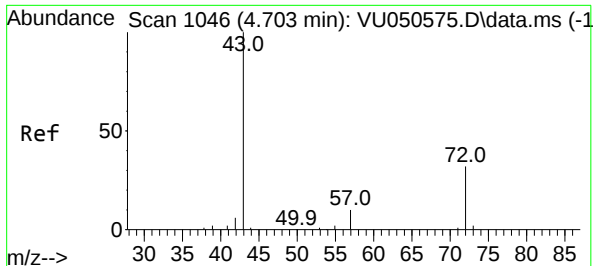
Ion Ratio Lower Upper

96 100

61 1123.8 113.5 210.9#

63 9368.1 78.0 144.9#

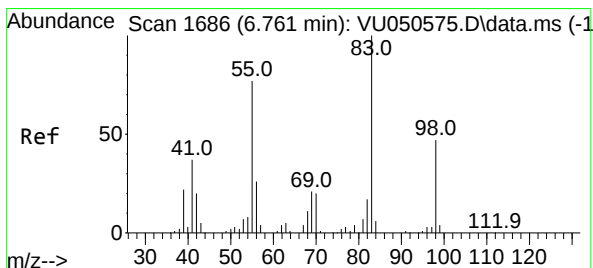
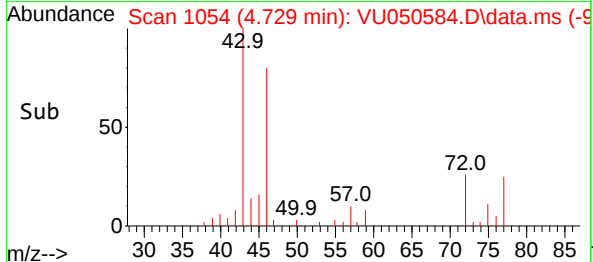
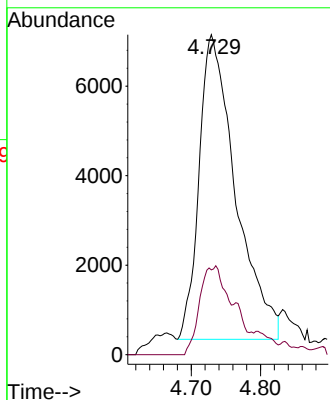
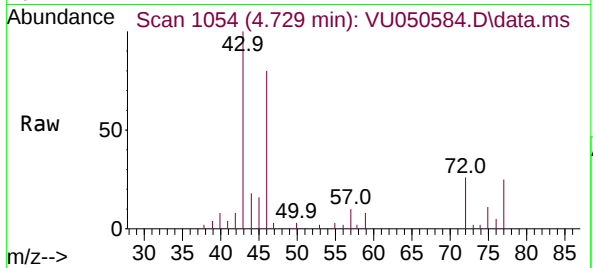




#22
2-Butanone
Concen: 9.017 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. 0.026 min
Lab File: VU050584.D
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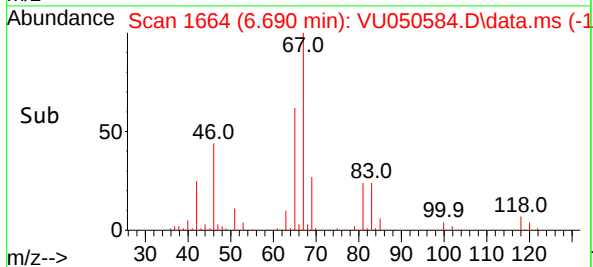
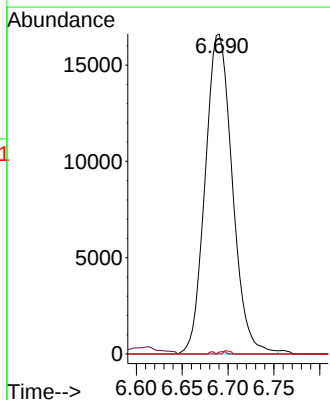
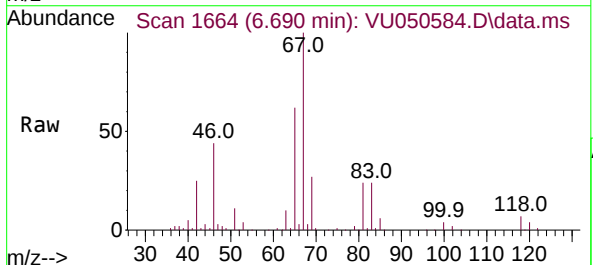
Instrument :
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DBVX1ME

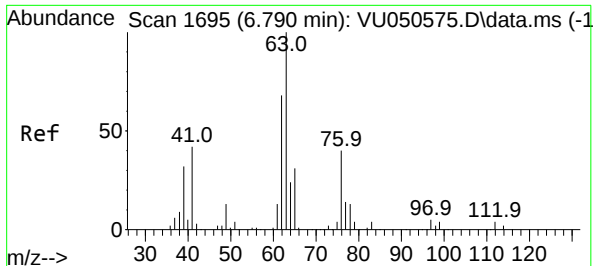
Tgt Ion: 43 Resp: 24946
Ion Ratio Lower Upper
43 100
72 10.0 14.8 44.3#



#35
Methylcyclohexane
Concen: 9.377 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU050584.D
Acq: 01 Sep 2022 16:34

Tgt Ion: 83 Resp: 34238
Ion Ratio Lower Upper
83 100
55 0.2 61.0 91.4#
98 0.2 35.7 53.5#





#37

1,2-Dichloropropane

Concen: 4.648 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU050584.D

Acq: 01 Sep 2022 16:34

Instrument :

MSVOA_U

ClientSampleId :

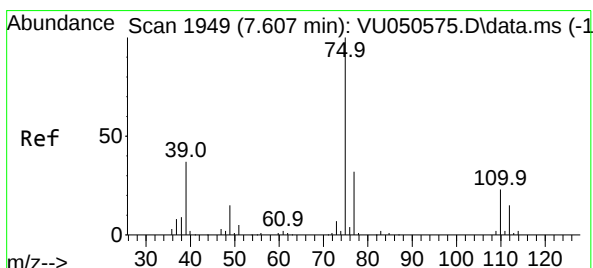
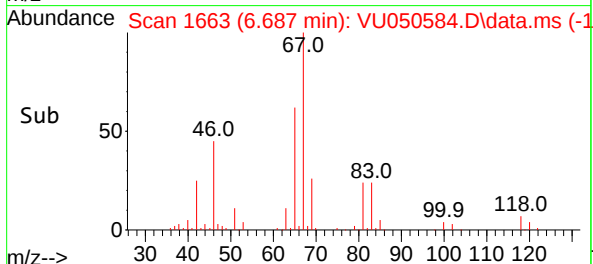
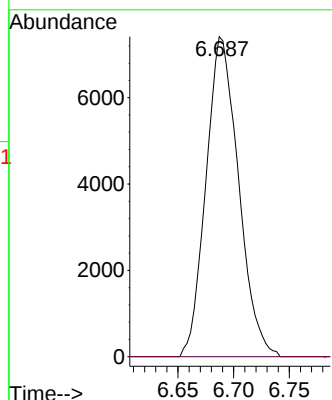
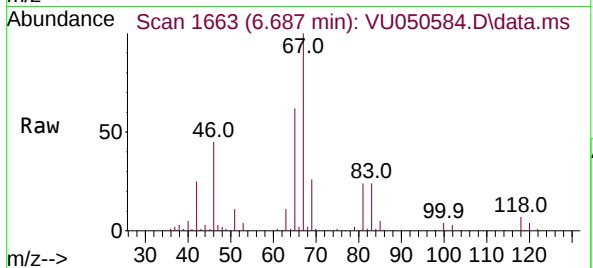
DBVX1ME

Tgt Ion: 63 Resp: 15061

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#39

cis-1,3-Dichloropropene

Concen: 0.796 ug/L

RT: 7.562 min Scan# 1935

Delta R.T. -0.045 min

Lab File: VU050584.D

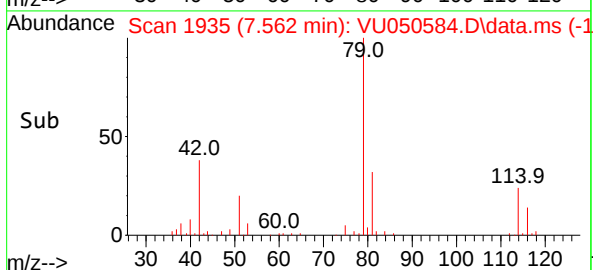
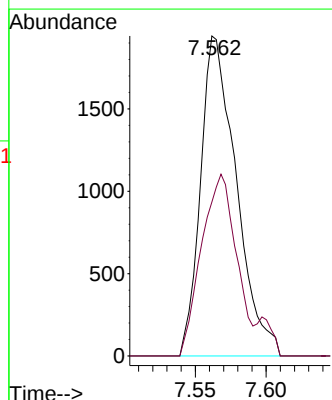
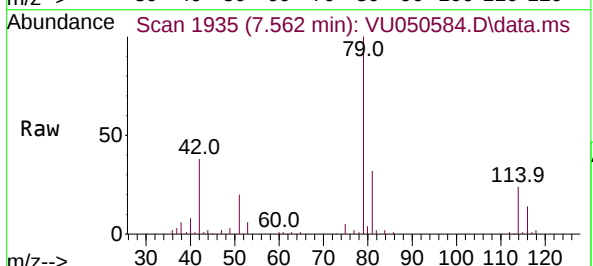
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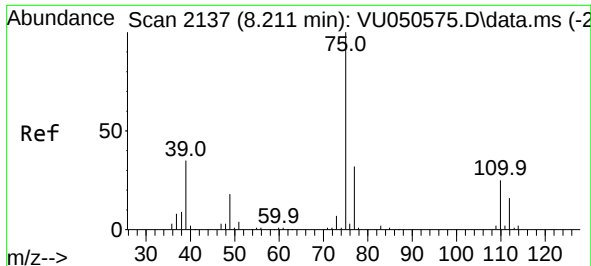
Tgt Ion: 75 Resp: 3399

Ion Ratio Lower Upper

75 100

77 48.1 22.1 41.1#

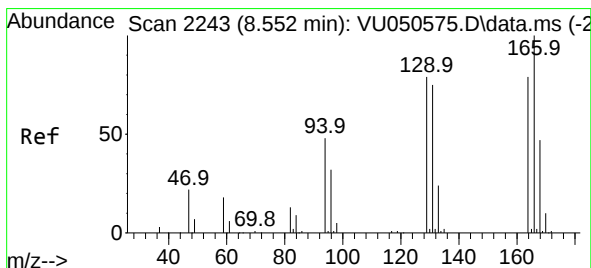
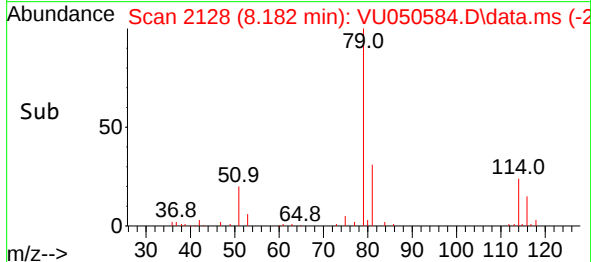
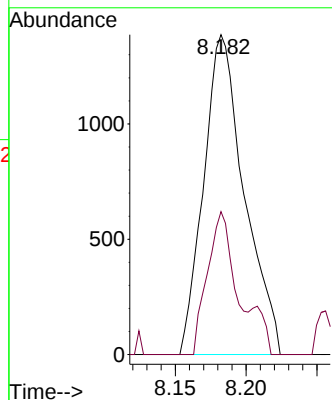
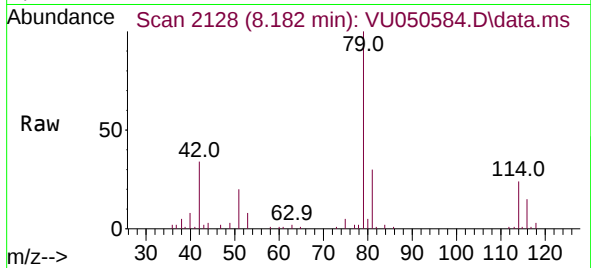




#44
trans-1,3-Dichloropropene
Concen: 0.711 ug/L
RT: 8.182 min Scan# 2137
Delta R.T. -0.029 min
Lab File: VU050584.D
Acq: 01 Sep 2022 16:34

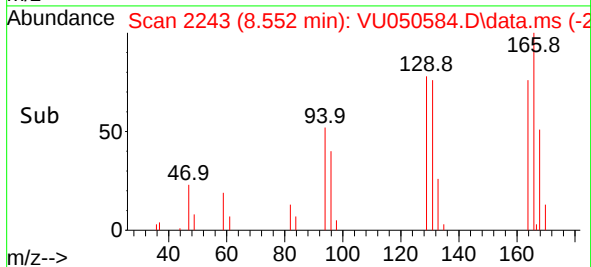
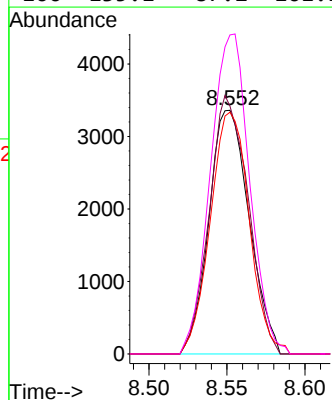
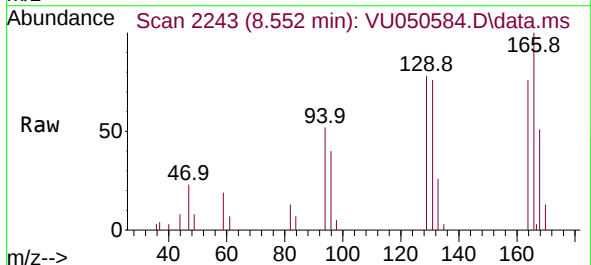
Instrument :
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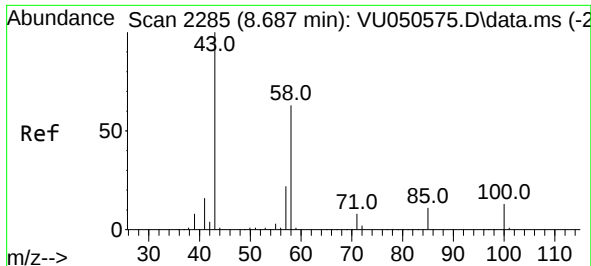
Tgt Ion: 75 Resp: 2765
Ion Ratio Lower Upper
75 100
77 44.7 22.2 41.2#



#46
Tetrachloroethene
Concen: 3.182 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU050584.D
Acq: 01 Sep 2022 16:34

Tgt Ion: 164 Resp: 6045
Ion Ratio Lower Upper
164 100
129 101.7 67.5 125.3
131 99.2 63.8 118.4
166 135.1 87.2 161.9

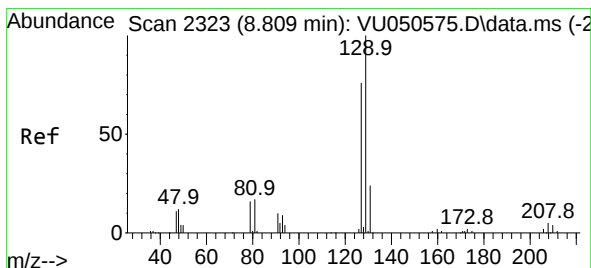
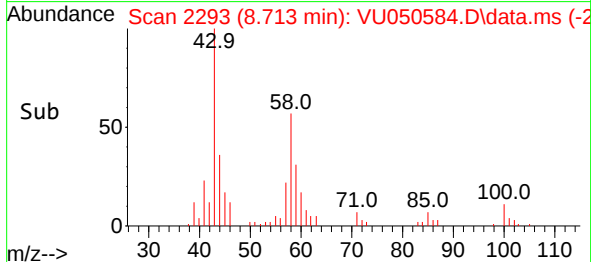
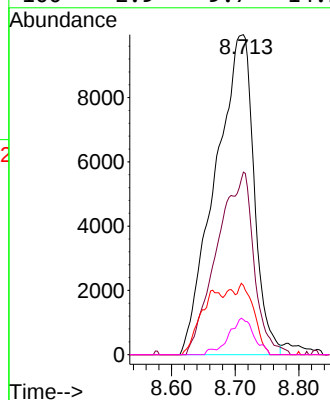
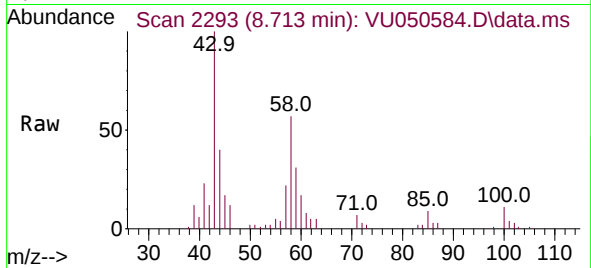




#48
2-Hexanone
Concen: 10.503 ug/L
RT: 8.713 min Scan# 2111
Delta R.T. 0.026 min
Lab File: VU050584.D
Acq: 01 Sep 2022 16:34

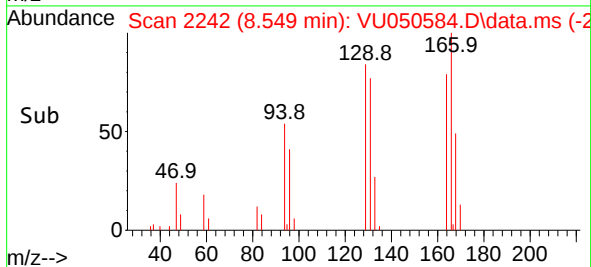
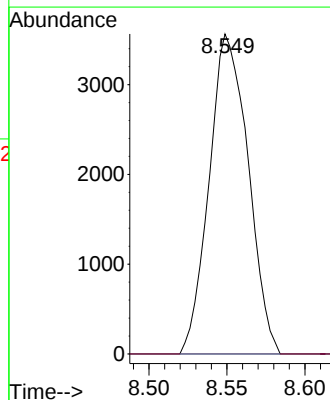
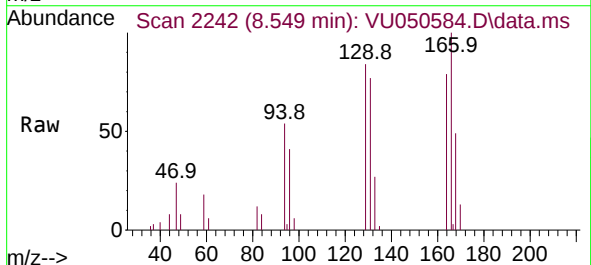
Instrument :
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ClientSampleId :
DBVX1ME

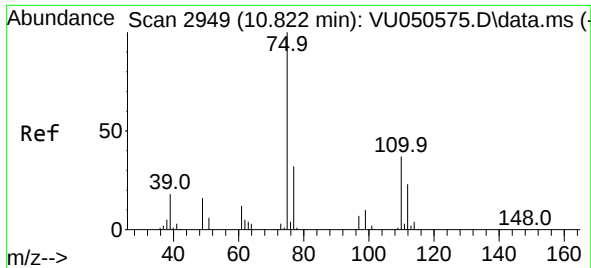
Tgt Ion:	43	Resp:	42111
Ion	Ratio	Lower	Upper
43	100		
58	29.4	46.6	69.8#
57	0.0	15.8	23.6#
100	2.9	9.7	14.5#



#49
Dibromochloromethane
Concen: 2.269 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.261 min
Lab File: VU050584.D
Acq: 01 Sep 2022 16:34

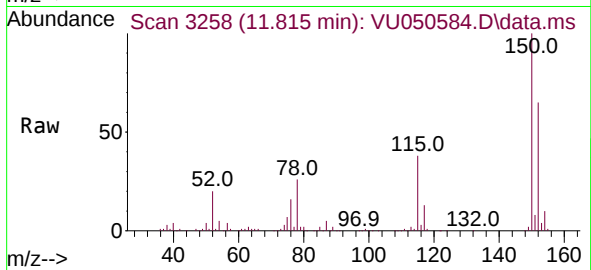
Tgt Ion:	129	Resp:	6197
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.9	101.9#





#60
 1,2,3-Trichloropropane
 Concen: 3.791 ug/L
 RT: 11.815 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU050584.D
 Acq: 01 Sep 2022 16:34

Instrument :
 MSVOA_U
 ClientSampleId :
 DBVX1ME



Tgt Ion: 75	Resp:	14168
Ion	Ratio	Lower Upper
75	100	
77	34.0	26.2 39.4
110	1.9	29.0 43.6#

