

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061722\
 Data File : VU049273.D
 Acq On : 18 Jun 2022 02:54
 Operator : SY/MD
 Sample : N3256-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 18 05:54:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 05:20:12 2022
 Response via : Initial Calibration

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

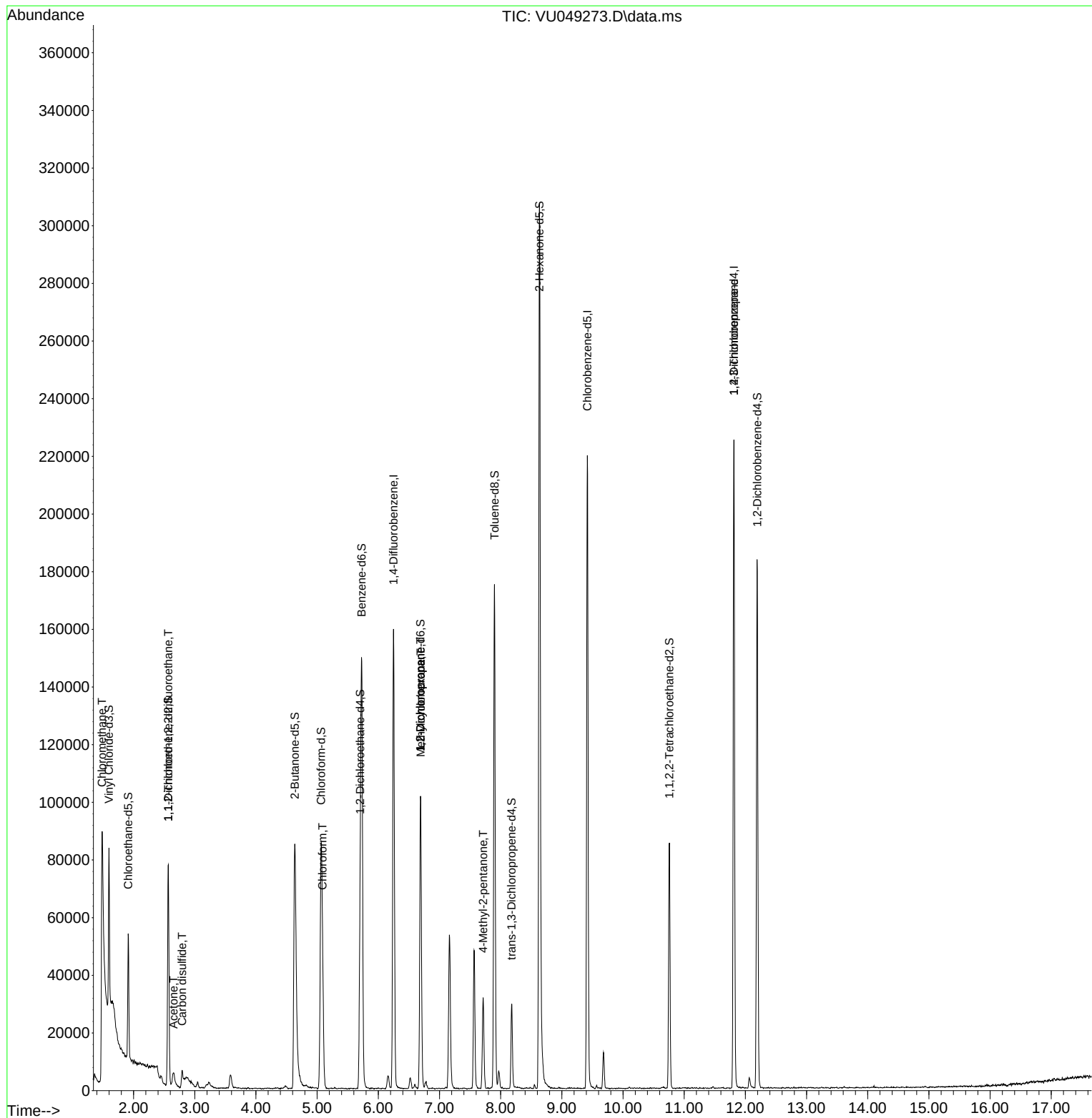
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	125287	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	115099	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	57652	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	37157	3.394	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	67.800%	
7) Chloroethane-d5	1.912	69	29583	3.992	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.800%	
11) 1,1-Dichloroethene-d2	2.565	65	15156	3.442	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.800%	
20) 2-Butanone-d5	4.636	46	152132	52.046	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.100%	
24) Chloroform-d	5.063	84	72032	4.194	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.800%	
26) 1,2-Dichloroethane-d4	5.703	65	41115	4.364	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.200%	
32) Benzene-d6	5.729	84	136041	3.923	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.400%	
36) 1,2-Dichloropropane-d6	6.690	67	49146	4.176	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.600%	
41) Toluene-d8	7.899	98	113997	3.651	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.000%	
43) trans-1,3-Dichloroprop...	8.179	79	16922	3.237	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	64.800%	
46) 2-Hexanone-d5	8.632	63	106528	50.510	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.020%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	43114	4.576	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.600%	
66) 1,2-Dichlorobenzene-d4	12.195	152	46194	4.176	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	83.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.485	50	2478	0.211	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	381	0.053	ug/L #	21
13) Acetone	2.652	43	9402	6.499	ug/L	98
14) Carbon disulfide	2.793	76	6132	0.264	ug/L	100
25) Chloroform	5.089	83	30448	1.971	ug/L	96
35) Methylcyclohexane	6.694	83	10853	0.739	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	5349	0.568	ug/L #	89
40) 4-Methyl-2-pentanone	7.713	43	15409	2.204	ug/L #	45
61) 1,2,3-Trichloropropane	11.812	75	7661	1.184	ug/L #	67

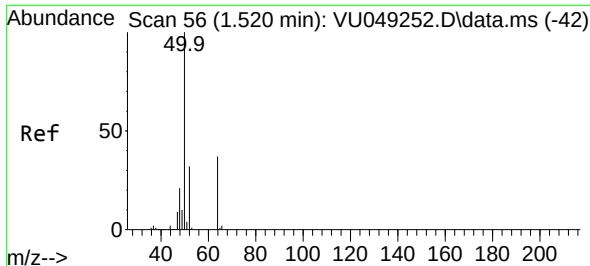
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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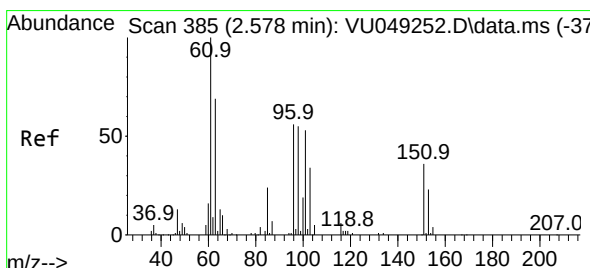
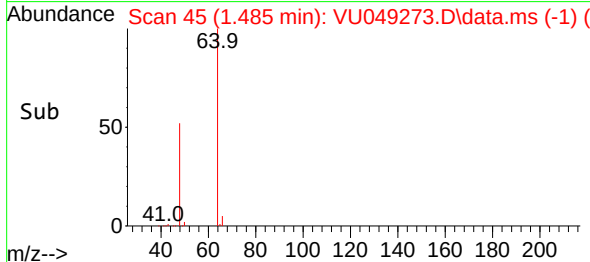
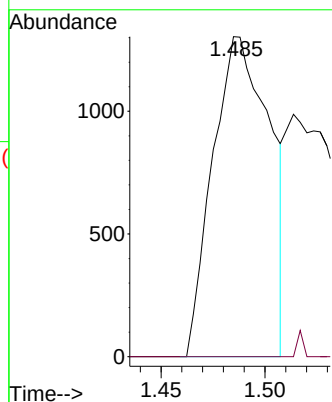
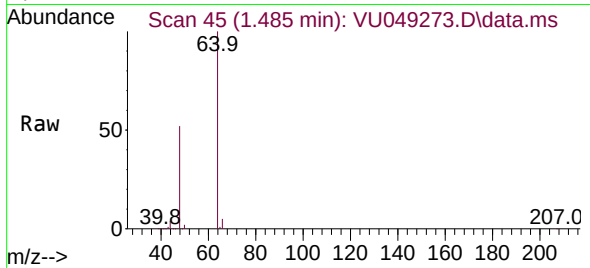




#3
Chloromethane
Concen: 0.211 ug/L
RT: 1.485 min Scan# 41
Delta R.T. -0.035 min
Lab File: VU049273.D
Acq: 18 Jun 2022 02:54

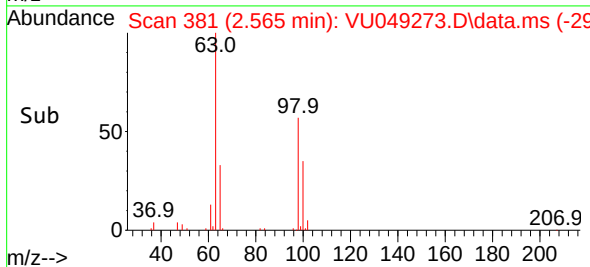
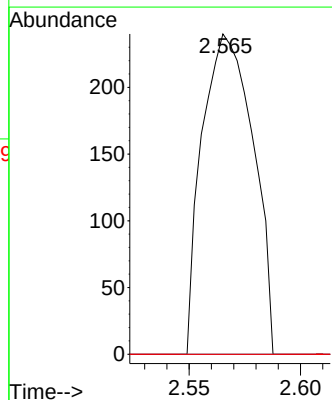
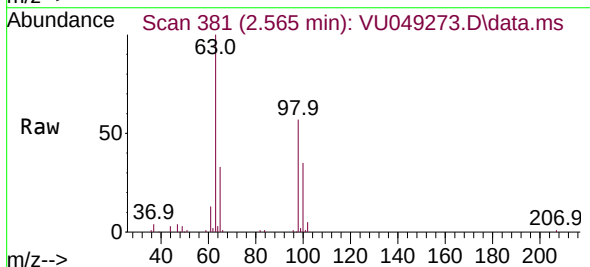
Instrument :
MSVOA_U
ClientSampleId :

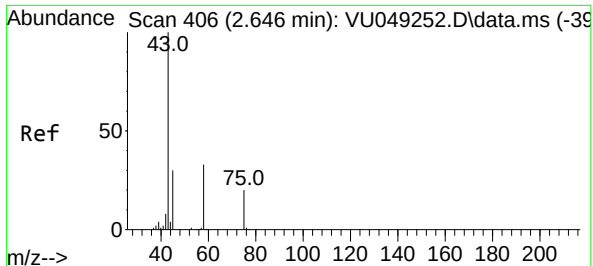
Tgt Ion: 50 Resp: 2478
Ion Ratio Lower Upper
50 100
52 0.0 22.7 42.1#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.053 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU049273.D
Acq: 18 Jun 2022 02:54

Tgt Ion: 101 Resp: 381
Ion Ratio Lower Upper
101 100
85 0.0 36.1 54.1#
151 0.0 56.8 85.2#





#13

Acetone

Concen: 6.499 ug/L

RT: 2.652 min Scan# 408

Delta R.T. 0.006 min

Lab File: VU049273.D

Acq: 18 Jun 2022 02:54

Instrument :

MSVOA_U

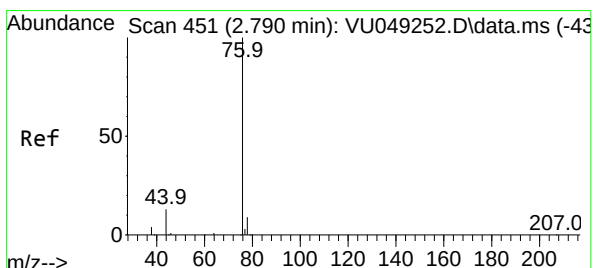
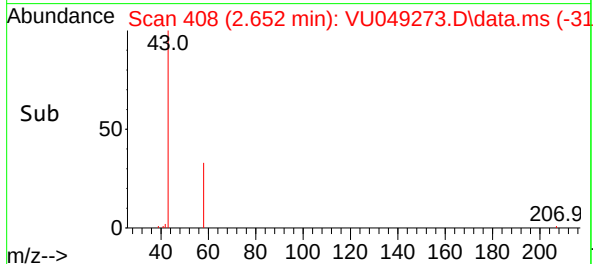
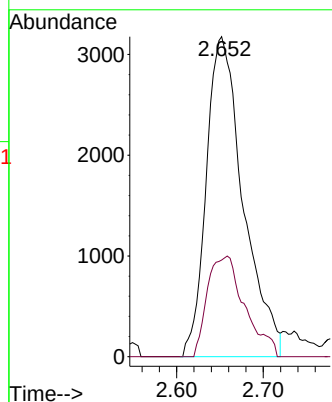
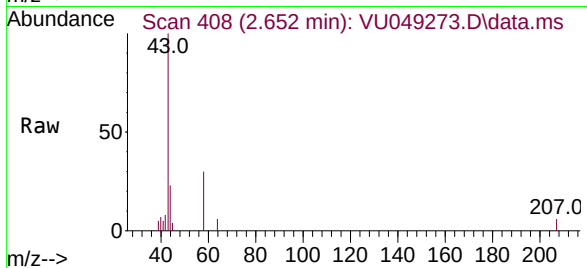
ClientSampleId :

Tgt Ion: 43 Resp: 9402

Ion Ratio Lower Upper

43 100

58 31.8 0.0 65.8



#14

Carbon disulfide

Concen: 0.264 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU049273.D

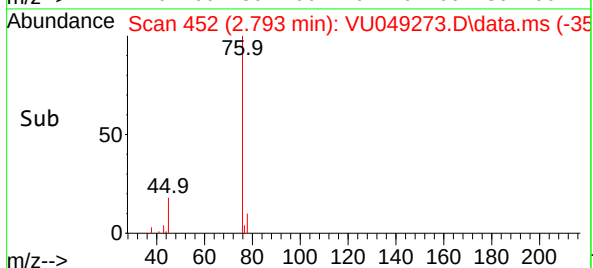
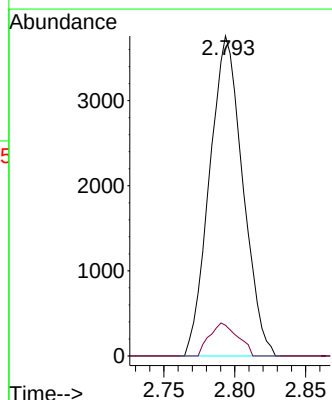
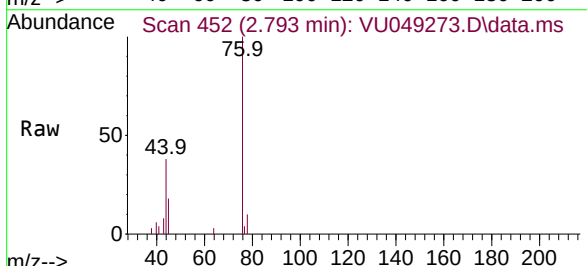
Acq: 18 Jun 2022 02:54

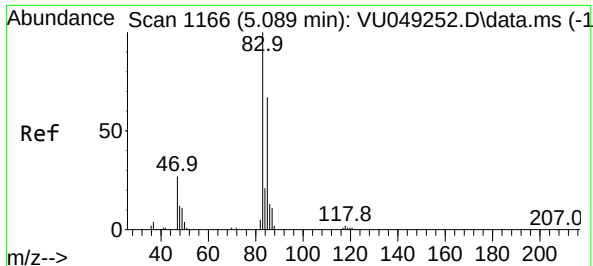
Tgt Ion: 76 Resp: 6132

Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3





#25

Chloroform

Concen: 1.971 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU049273.D

Acq: 18 Jun 2022 02:54

Instrument :

MSVOA_U

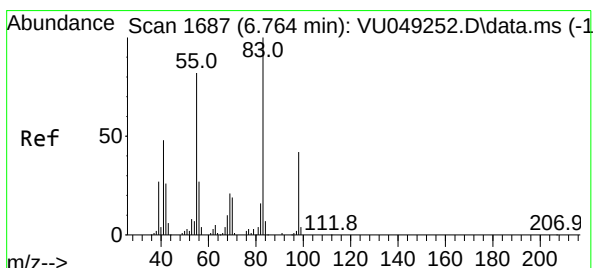
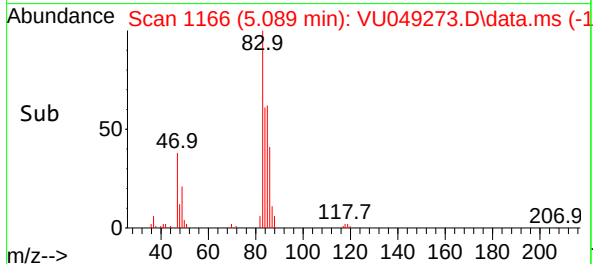
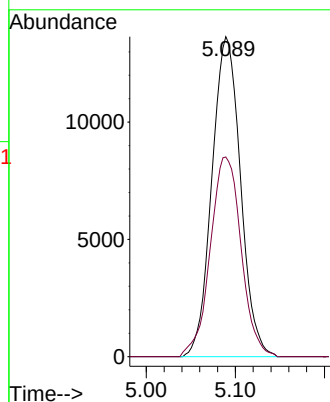
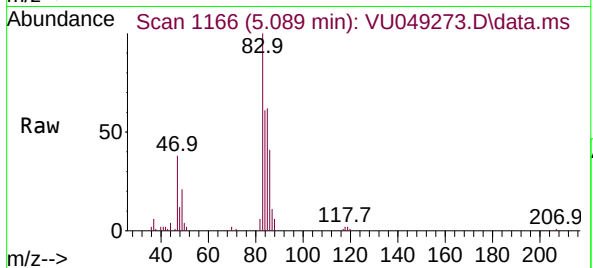
ClientSampleId :

Tgt Ion: 83 Resp: 30448

Ion Ratio Lower Upper

83 100

85 62.4 45.8 85.2



#35

Methylcyclohexane

Concen: 0.739 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU049273.D

Acq: 18 Jun 2022 02:54

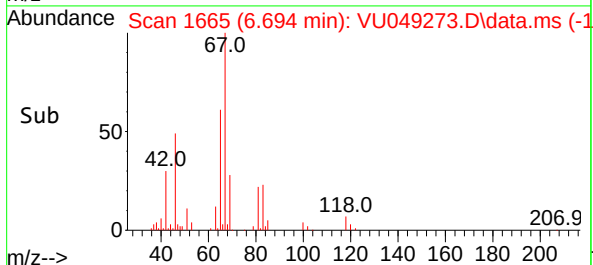
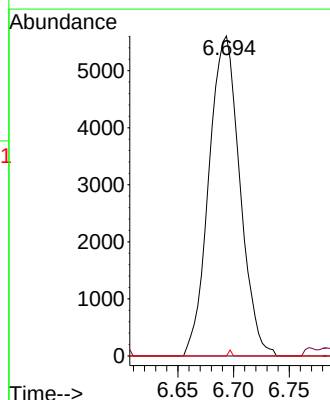
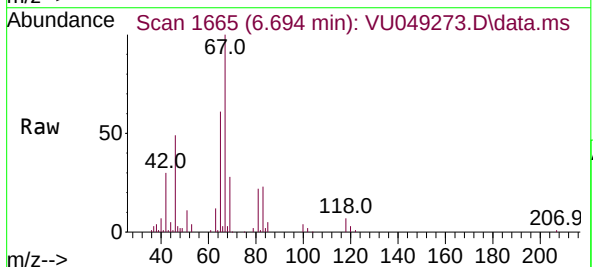
Tgt Ion: 83 Resp: 10853

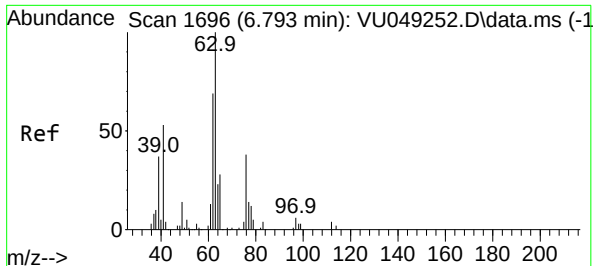
Ion Ratio Lower Upper

83 100

55 0.9 66.9 100.3#

98 0.2 35.5 53.3#





#37

1,2-Dichloropropane

Concen: 0.568 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU049273.D

Acq: 18 Jun 2022 02:54

Instrument :

MSVOA_U

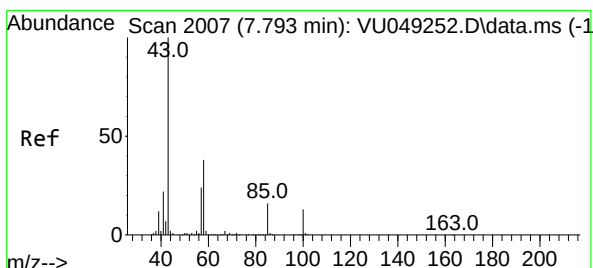
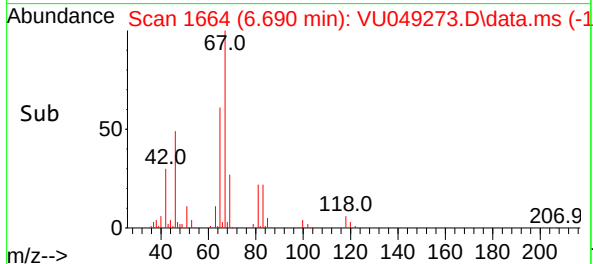
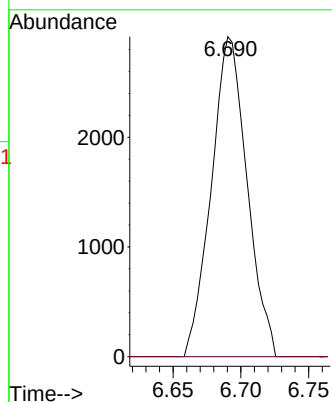
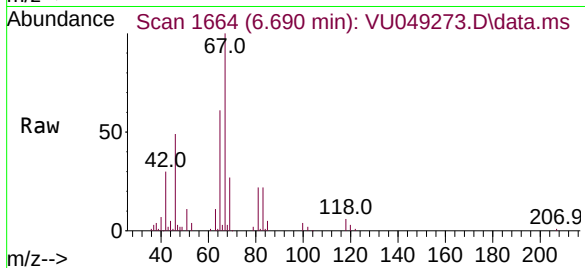
ClientSampleId :

Tgt Ion: 63 Resp: 5349

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#40

4-Methyl-2-pentanone

Concen: 2.204 ug/L

RT: 7.713 min Scan# 1982

Delta R.T. -0.080 min

Lab File: VU049273.D

Acq: 18 Jun 2022 02:54

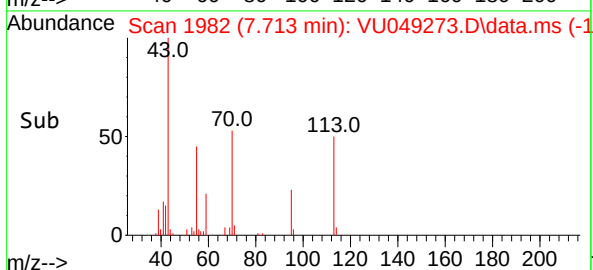
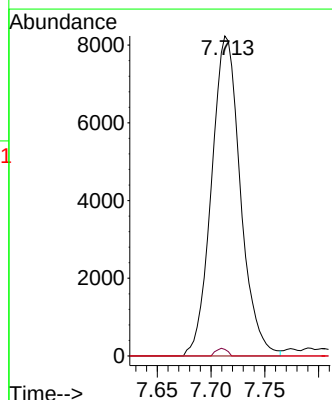
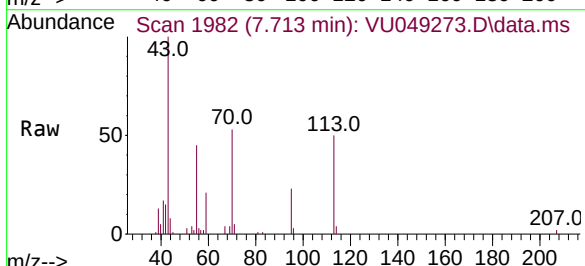
Tgt Ion: 43 Resp: 15409

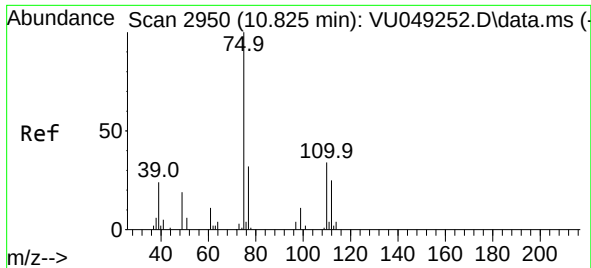
Ion Ratio Lower Upper

43 100

58 0.9 31.4 47.2#

100 0.0 10.5 15.7#





#61

1,2,3-Trichloropropane

Concen: 1.184 ug/L

RT: 11.812 min Scan# 31

Delta R.T. 0.987 min

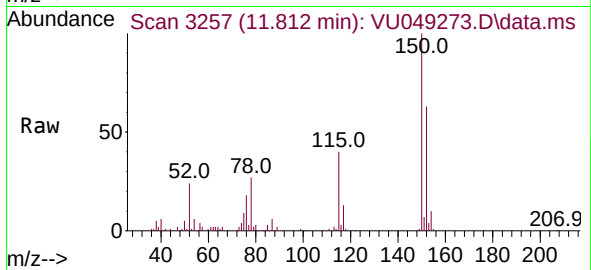
Lab File: VU049273.D

Acq: 18 Jun 2022 02:54

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 7661

Ion Ratio Lower Upper

75 100

110 1.3 29.0 43.4#

77 30.2 26.2 39.2

