

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
 Data File : VU048319.D
 Acq On : 27 Apr 2022 16:58
 Operator : SY/MD
 Sample : N2587-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXET3

Quant Time: Apr 28 04:39:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 28 04:33:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	359189	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	358734	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	191962	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	152300	46.110	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.220%
7) Chloroethane-d5	1.913	69	131635	56.776	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.560%
11) 1,1-Dichloroethene-d2	2.568	63	198582	37.522	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.040%
21) 2-Butanone-d5	4.626	46	273284	97.007	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.010%
24) Chloroform-d	5.064	84	290391	48.470	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.940%
26) 1,2-Dichloroethane-d4	5.703	65	182746	51.410	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.820%
32) Benzene-d6	5.729	84	603657	53.355	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.700%
36) 1,2-Dichloropropane-d6	6.690	67	195861	52.363	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.720%
41) Toluene-d8	7.899	98	562351	54.834	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.660%
43) trans-1,3-Dichloroprop...	8.179	79	90383	54.761	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.520%
47) 2-Hexanone-d5	8.633	63	206844	102.497	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.500%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	300282	45.774	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.540%
66) 1,2-Dichlorobenzene-d4	12.195	152	219184	50.758	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.520%

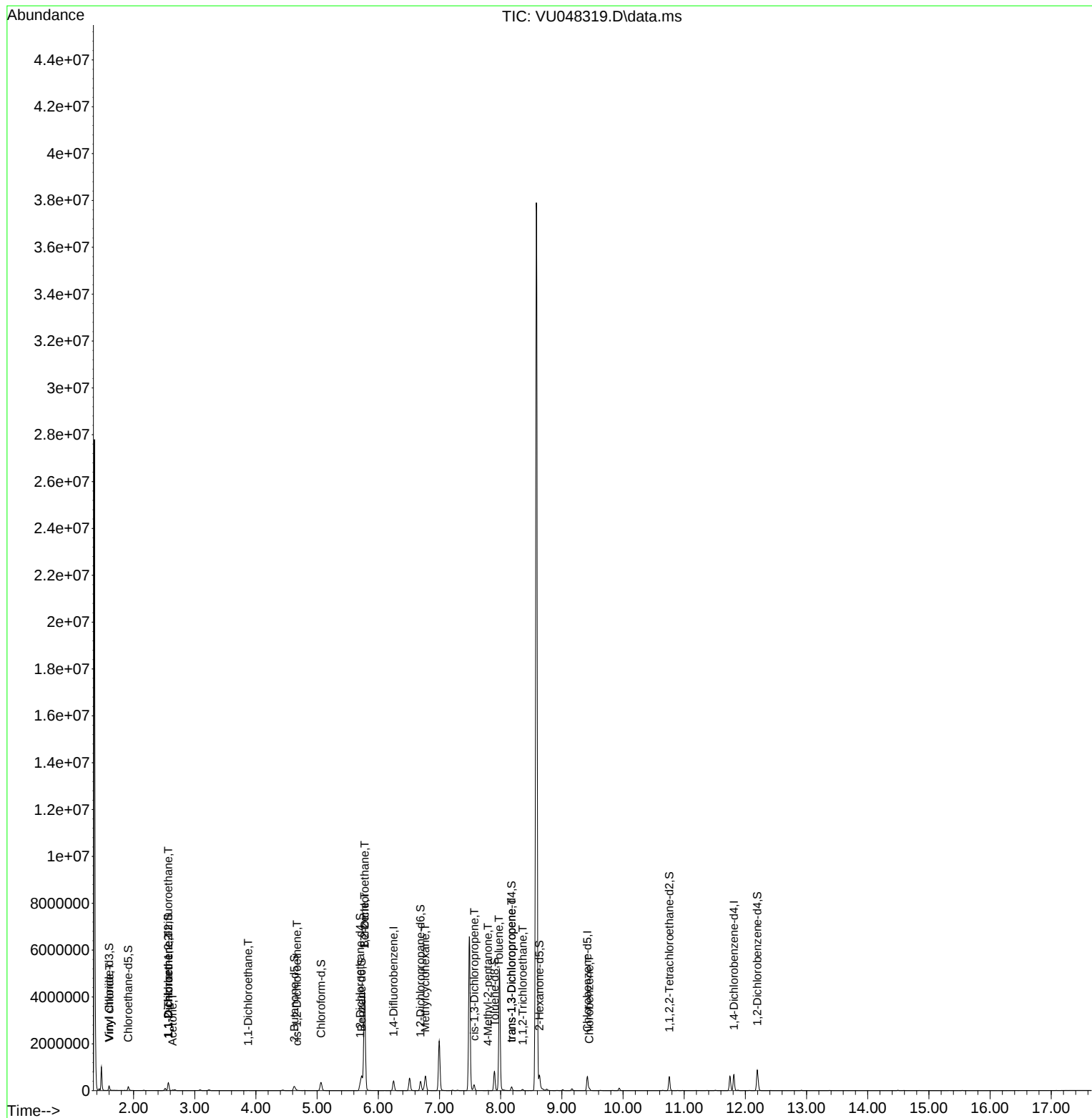
Target Compounds					Qvalue
5) Vinyl chloride	1.604	62	1760	0.562 ug/L	# 1
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1943	0.718 ug/L	# 18
12) 1,1-Dichloroethene	2.572	96	1757	0.744 ug/L	# 1
13) Acetone	2.639	43	28766	15.905 ug/L	97
19) 1,1-Dichloroethane	3.874	63	6570	1.280 ug/L	90
20) cis-1,2-Dichloroethene	4.671	96	1938	0.655 ug/L	90
27) 1,2-Dichloroethane	5.777	62	32360	8.468 ug/L	# 72
33) Benzene	5.774	78	4078915	384.037 ug/L	100
35) Methylcyclohexane	6.768	83	7137	1.953 ug/L	# 1
39) cis-1,3-Dichloropropene	7.568	75	5215	1.227 ug/L	# 57
40) 4-Methyl-2-pentanone	7.793	43	8306	1.822 ug/L	98
42) Toluene	7.970	91	26444	2.371 ug/L	99
44) trans-1,3-Dichloropropene	8.179	75	3629	0.874 ug/L	87
45) 1,1,2-Trichloroethane	8.359	97	2510	0.792 ug/L	# 1
51) Chlorobenzene	9.446	112	39325	4.893 ug/L	98

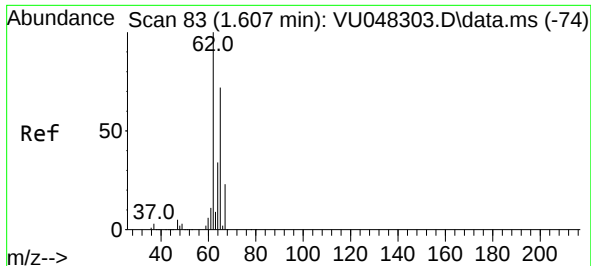
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 28 04:33:44 2022
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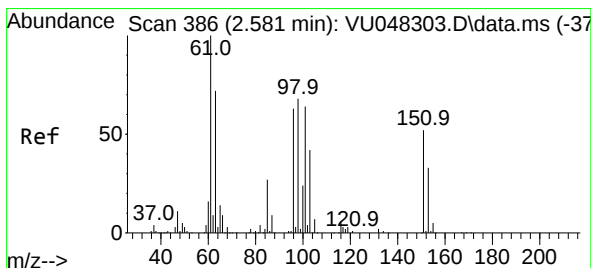
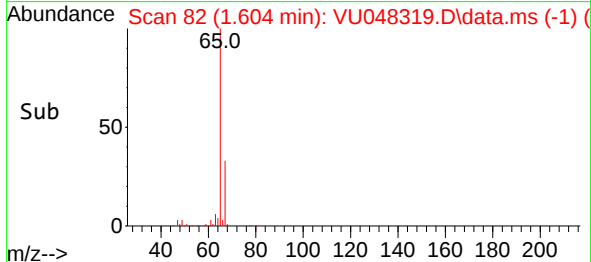
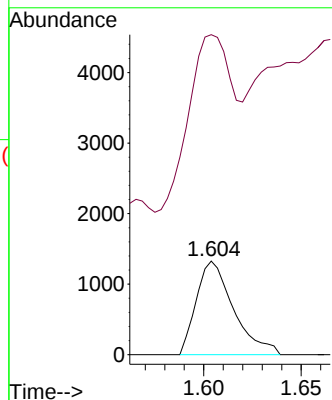
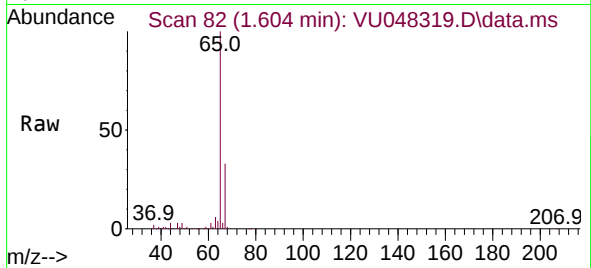




#5
 Vinyl chloride
 Concen: 0.562 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU048319.D
 Acq: 27 Apr 2022 16:58

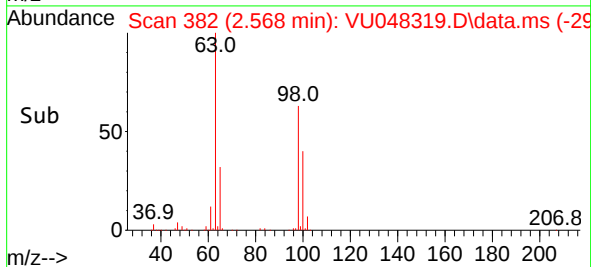
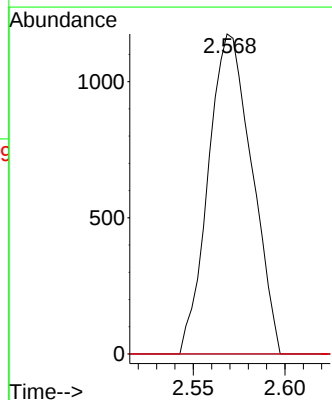
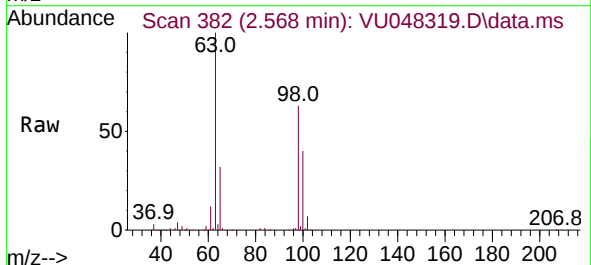
Instrument :
 MSVOA_U
 ClientSampleId :
 EXET3

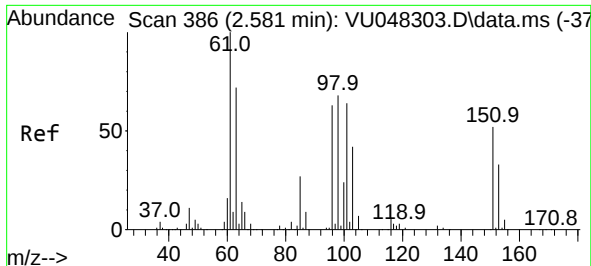
Tgt Ion: 62 Resp: 1760
 Ion Ratio Lower Upper
 62 100
 64 341.6 22.5 41.7#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.718 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU048319.D
 Acq: 27 Apr 2022 16:58

Tgt Ion: 101 Resp: 1943
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.6 48.8#
 151 0.0 64.1 96.1#





#12

1,1-Dichloroethene

Concen: 0.744 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.009 min

Lab File: VU048319.D

Acq: 27 Apr 2022 16:58

Instrument :

MSVOA_U

ClientSampleId :

EXET3

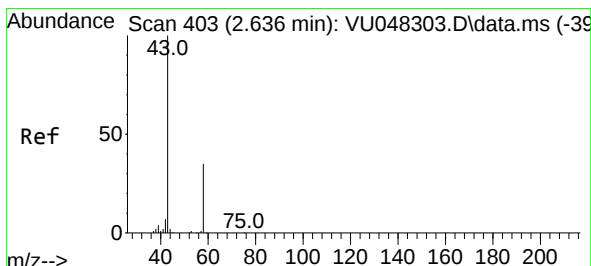
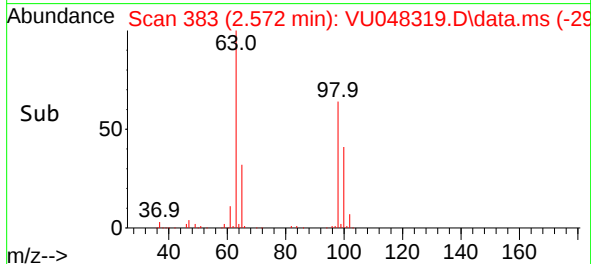
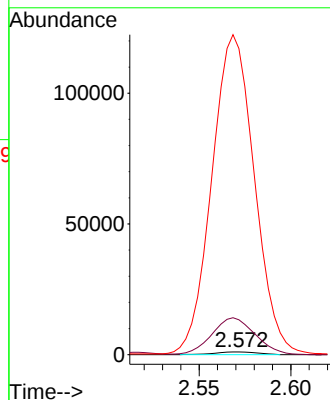
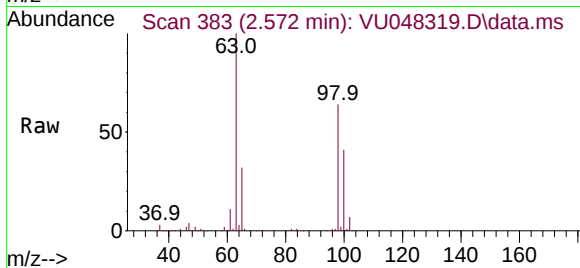
Tgt Ion: 96 Resp: 1757

Ion Ratio Lower Upper

96 100

61 1290.3 107.9 200.3#

63 11312.1 80.3 149.1#



#13

Acetone

Concen: 15.905 ug/L

RT: 2.639 min Scan# 404

Delta R.T. 0.003 min

Lab File: VU048319.D

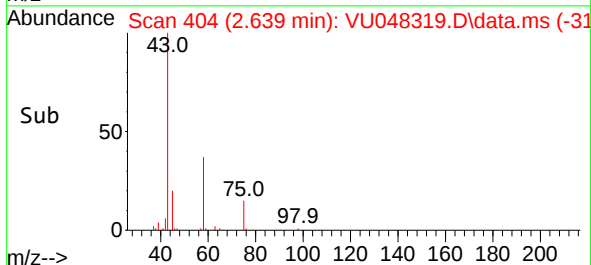
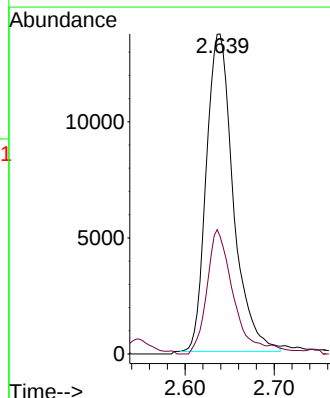
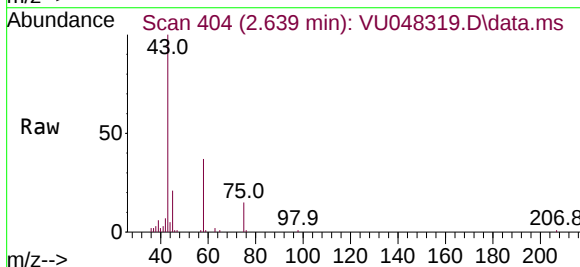
Acq: 27 Apr 2022 16:58

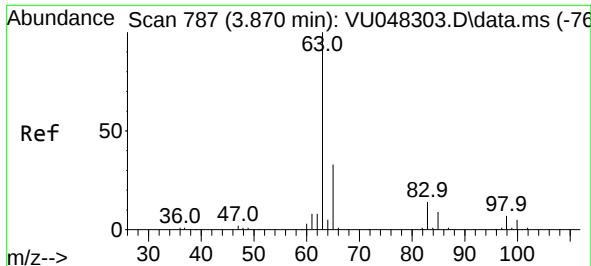
Tgt Ion: 43 Resp: 28766

Ion Ratio Lower Upper

43 100

58 37.4 0.0 71.2





#19

1,1-Dichloroethane

Concen: 1.280 ug/L

RT: 3.874 min Scan# 787

Delta R.T. 0.003 min

Lab File: VU048319.D

Acq: 27 Apr 2022 16:58

Instrument :

MSVOA_U

ClientSampleId :

EXET3

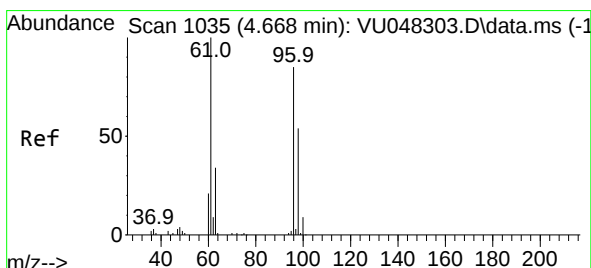
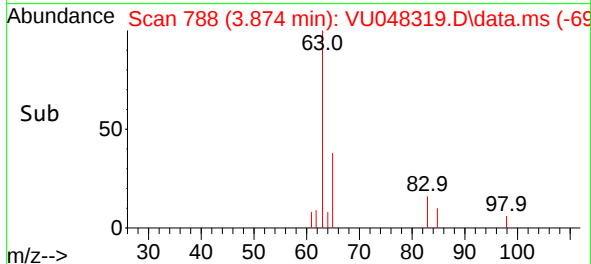
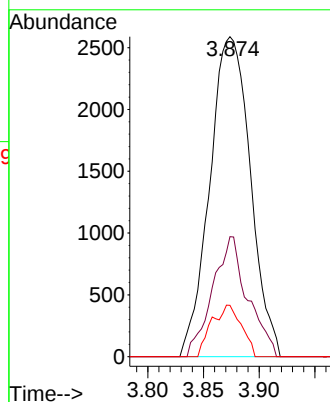
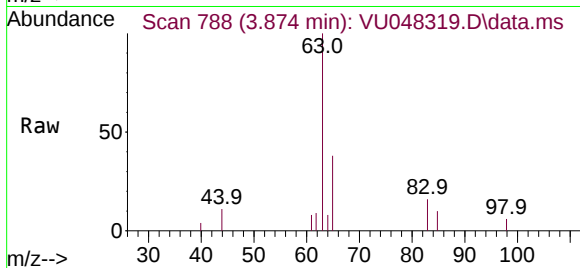
Tgt Ion: 63 Resp: 6570

Ion Ratio Lower Upper

63 100

65 37.5 22.0 40.8

83 16.0 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 0.655 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU048319.D

Acq: 27 Apr 2022 16:58

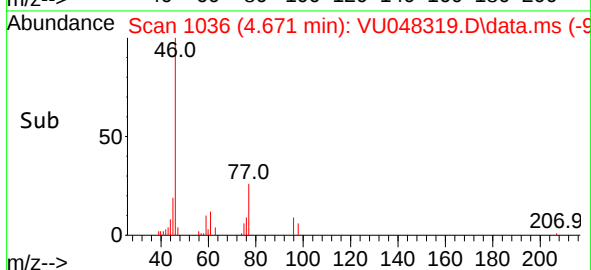
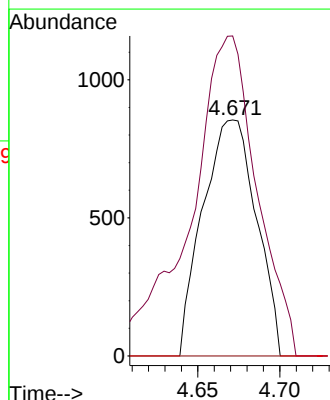
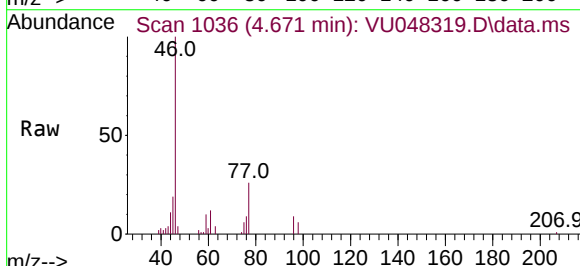
Tgt Ion: 96 Resp: 1938

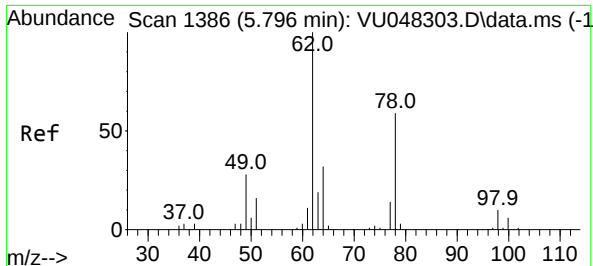
Ion Ratio Lower Upper

96 100

61 135.6 87.0 161.6

68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 8.468 ug/L

RT: 5.777 min Scan# 1

Delta R.T. -0.019 min

Lab File: VU048319.D

Acq: 27 Apr 2022 16:58

Instrument :

MSVOA_U

ClientSampleId :

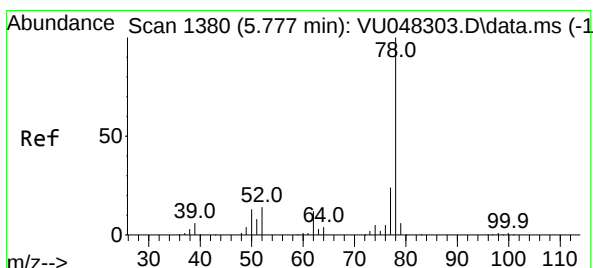
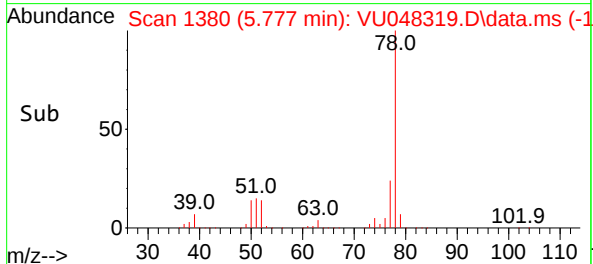
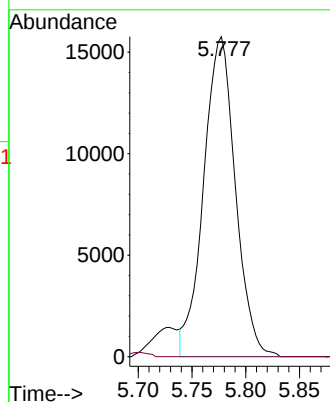
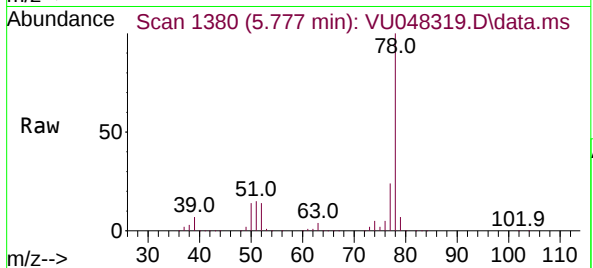
EXET3

Tgt Ion: 62 Resp: 32360

Ion Ratio Lower Upper

62 100

98 0.0 8.5 12.7#



#33

Benzene

Concen: 384.037 ug/L

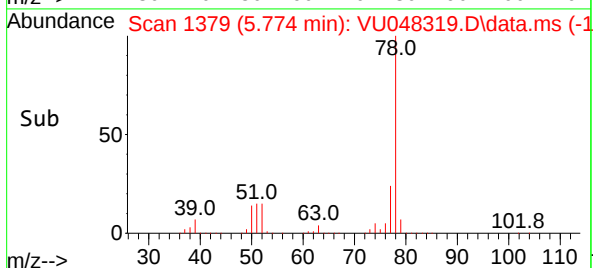
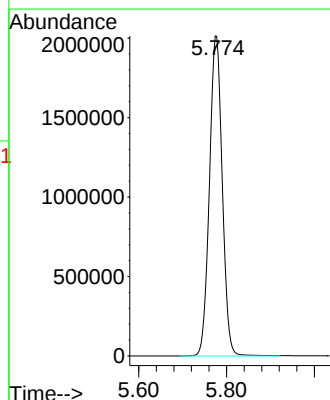
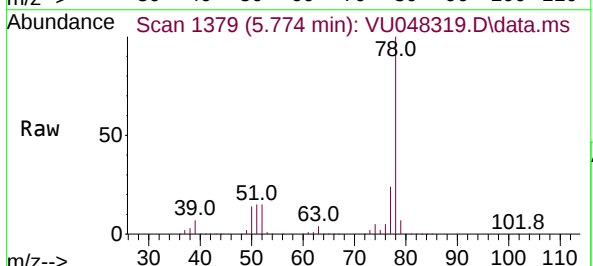
RT: 5.774 min Scan# 1379

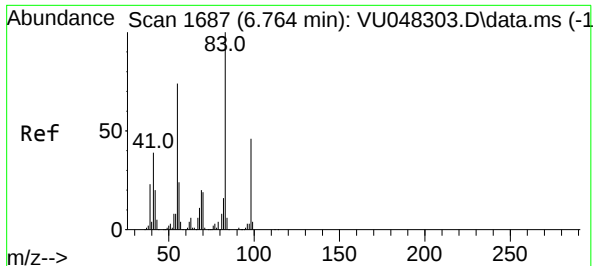
Delta R.T. -0.003 min

Lab File: VU048319.D

Acq: 27 Apr 2022 16:58

Tgt Ion: 78 Resp: 4078915

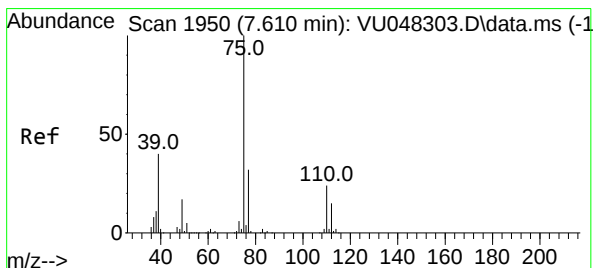
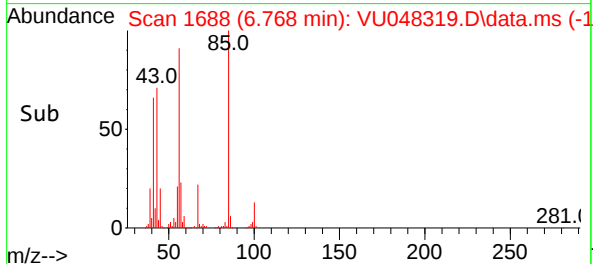
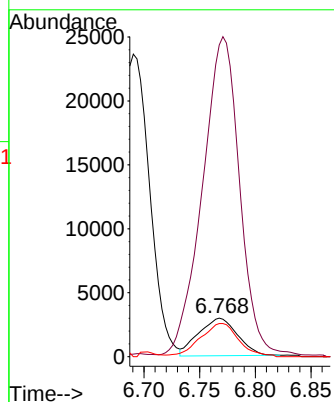
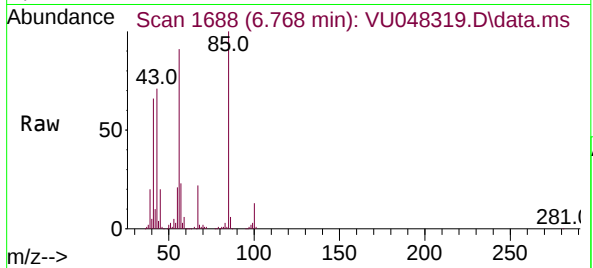




#35
Methylcyclohexane
Concen: 1.953 ug/L
RT: 6.768 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU048319.D
Acq: 27 Apr 2022 16:58

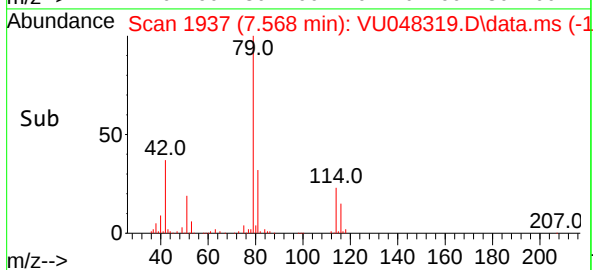
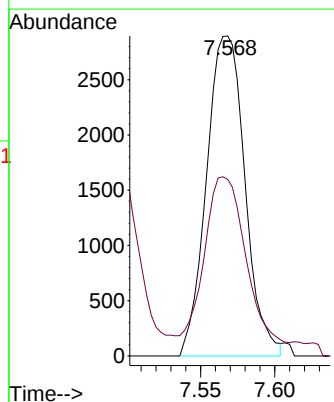
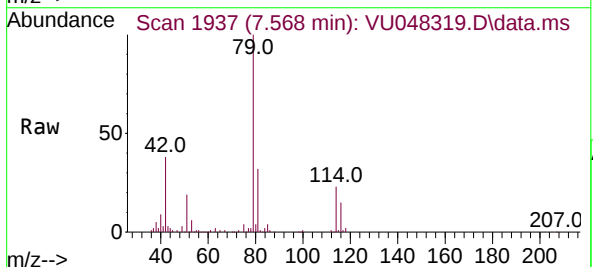
Instrument :
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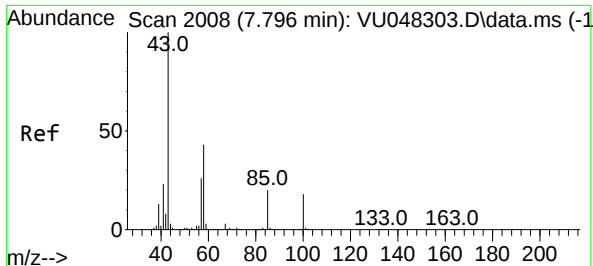
Tgt Ion: 83 Resp: 7137
Ion Ratio Lower Upper
83 100
55 808.9 59.4 89.2#
98 87.4 37.3 55.9#



#39
cis-1,3-Dichloropropene
Concen: 1.227 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU048319.D
Acq: 27 Apr 2022 16:58

Tgt Ion: 75 Resp: 5215
Ion Ratio Lower Upper
75 100
77 55.1 22.0 41.0#





#40

4-Methyl-2-pentanone

Concen: 1.822 ug/L

RT: 7.793 min Scan# 2008

Delta R.T. -0.003 min

Lab File: VU048319.D

Acq: 27 Apr 2022 16:58

Instrument :

MSVOA_U

ClientSampleId :

EXET3

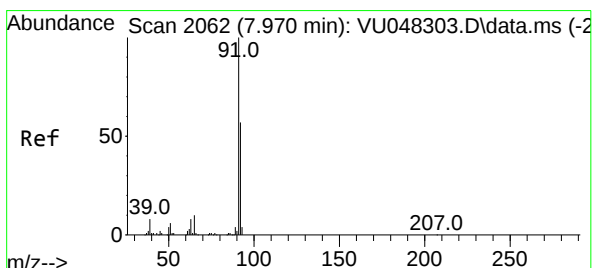
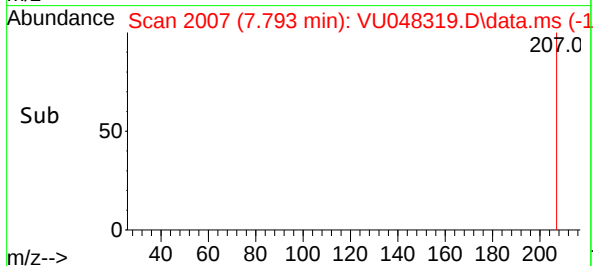
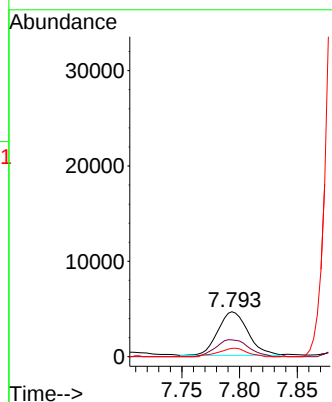
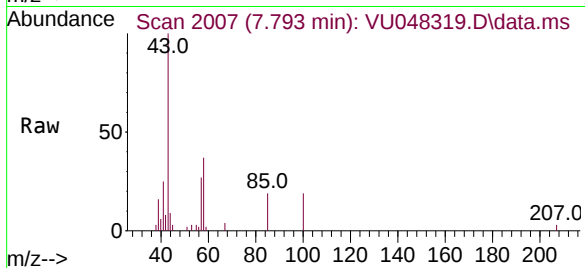
Tgt Ion: 43 Resp: 8306

Ion Ratio Lower Upper

43 100

58 42.2 34.4 51.6

100 18.3 13.6 20.4



#42

Toluene

Concen: 2.371 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU048319.D

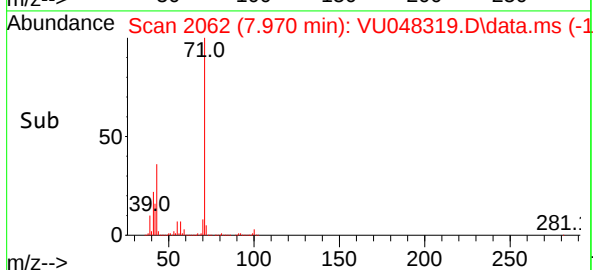
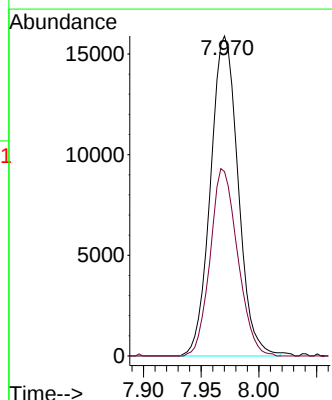
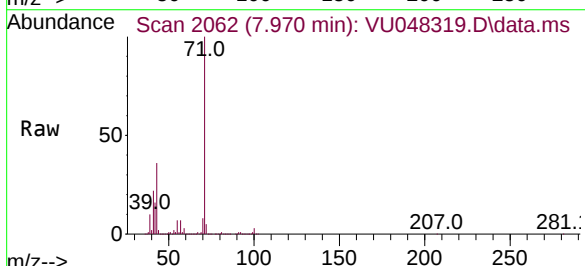
Acq: 27 Apr 2022 16:58

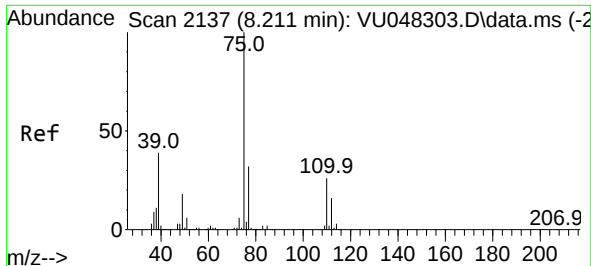
Tgt Ion: 91 Resp: 26444

Ion Ratio Lower Upper

91 100

92 57.6 40.9 76.0

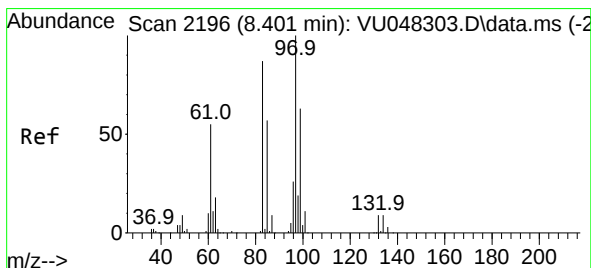
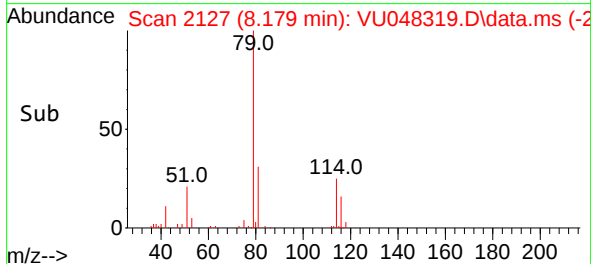
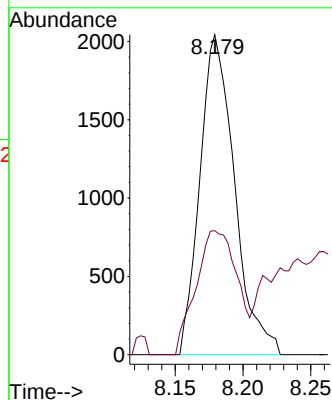
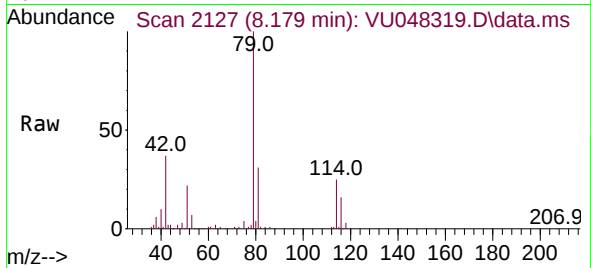




#44
trans-1,3-Dichloropropene
Concen: 0.874 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU048319.D
Acq: 27 Apr 2022 16:58

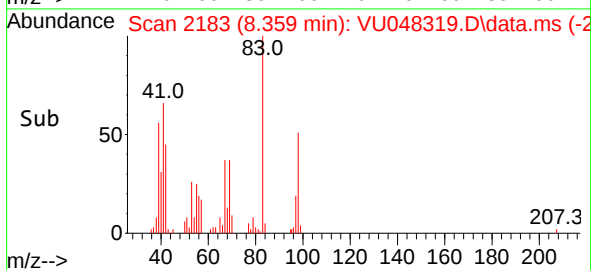
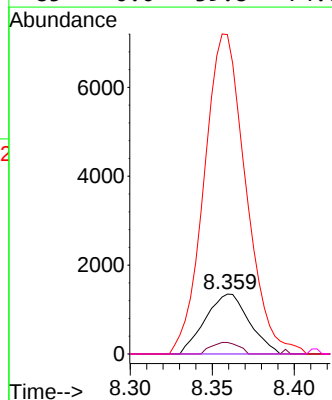
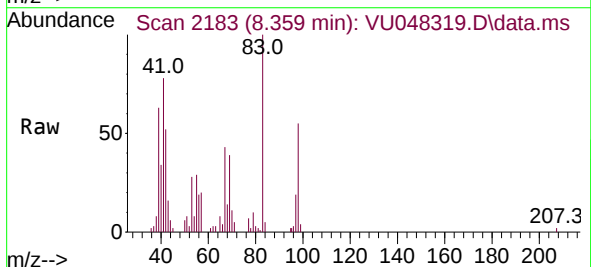
Instrument :
MSVOA_U
ClientSampleId :
EXET3

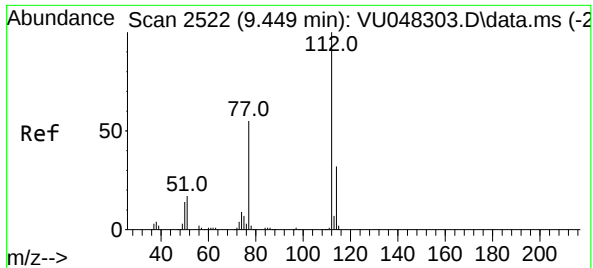
Tgt Ion: 75 Resp: 3629
Ion Ratio Lower Upper
75 100
77 38.8 22.1 41.1



#45
1,1,2-Trichloroethane
Concen: 0.792 ug/L
RT: 8.359 min Scan# 2183
Delta R.T. -0.042 min
Lab File: VU048319.D
Acq: 27 Apr 2022 16:58

Tgt Ion: 97 Resp: 2510
Ion Ratio Lower Upper
97 100
99 19.1 43.7 81.1#
83 533.2 62.6 116.2#
85 0.0 39.8 74.0#





#51
Chlorobenzene
Concen: 4.893 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048319.D
Acq: 27 Apr 2022 16:58

Instrument :
MSVOA_U
ClientSampleId :
EXET3

Tgt Ion:	112	Resp:	39325
Ion	Ratio	Lower	Upper
112	100		
114	33.4	22.7	42.1
77	53.3	44.3	66.5

