

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
 Data File : VU048318.D
 Acq On : 27 Apr 2022 16:36
 Operator : SY/MD
 Sample : N2587-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXET2

Quant Time: Apr 28 04:38:58 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)

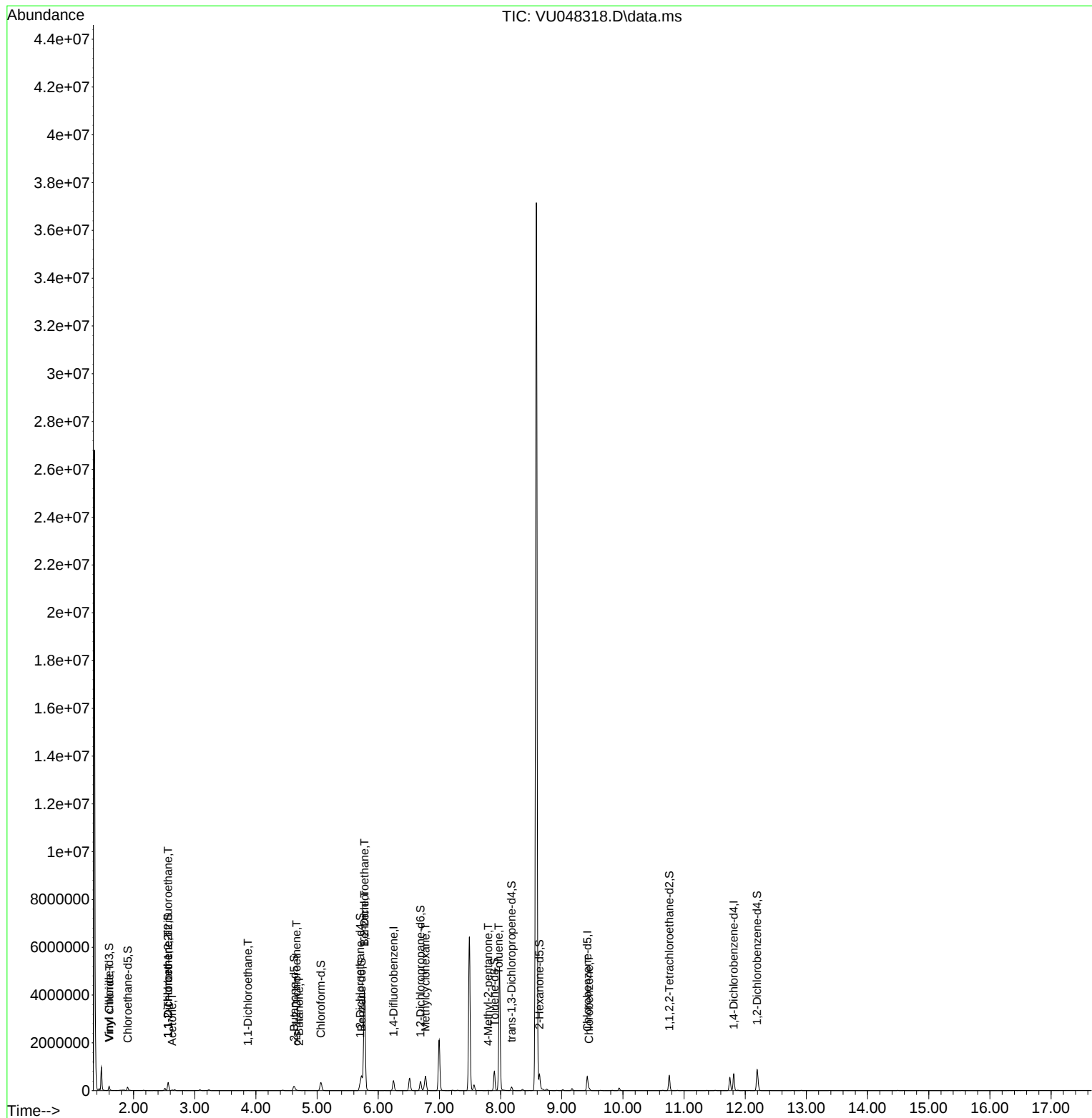
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	354986	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	351124	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	195806	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	146299	44.817	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.640%
7) Chloroethane-d5	1.903	69	123135	53.739	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.480%
11) 1,1-Dichloroethene-d2	2.565	63	193957	37.082	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.160%
21) 2-Butanone-d5	4.623	46	270552	97.174	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.170%
24) Chloroform-d	5.063	84	281392	47.525	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.040%
26) 1,2-Dichloroethane-d4	5.703	65	179317	51.042	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.080%
32) Benzene-d6	5.729	84	589446	53.228	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.460%
36) 1,2-Dichloropropane-d6	6.690	67	191427	52.287	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.580%
41) Toluene-d8	7.899	98	544111	54.206	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.420%
43) trans-1,3-Dichloroprop...	8.179	79	86557	53.580	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.160%
47) 2-Hexanone-d5	8.636	63	219089	110.918	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.920%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	315379	49.118	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.240%
66) 1,2-Dichlorobenzene-d4	12.195	152	219419	49.814	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.620%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	1650	0.533	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	2075	0.776	ug/L #	18
12) 1,1-Dichloroethene	2.565	96	1768	0.757	ug/L #	1
13) Acetone	2.629	43	27498	15.384	ug/L	97
19) 1,1-Dichloroethane	3.867	63	6345	1.251	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	2159	0.739	ug/L	91
22) 2-Butanone	4.706	43	2678	1.013	ug/L	84
27) 1,2-Dichloroethane	5.774	62	33094	8.762	ug/L #	72
33) Benzene	5.774	78	4041877	388.797	ug/L	100
35) Methylcyclohexane	6.771	83	7397	2.068	ug/L #	1
40) 4-Methyl-2-pentanone	7.796	43	7980	1.789	ug/L	98
42) Toluene	7.970	91	26387	2.418	ug/L	99
51) Chlorobenzene	9.446	112	39280	4.993	ug/L	97

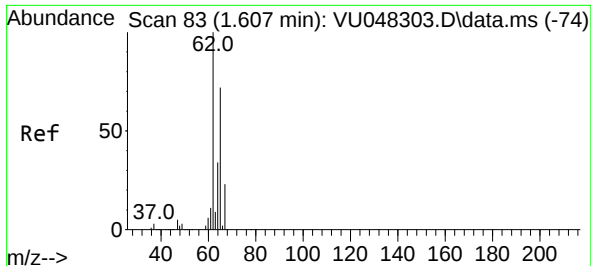
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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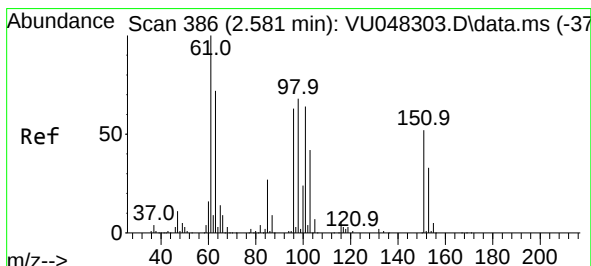
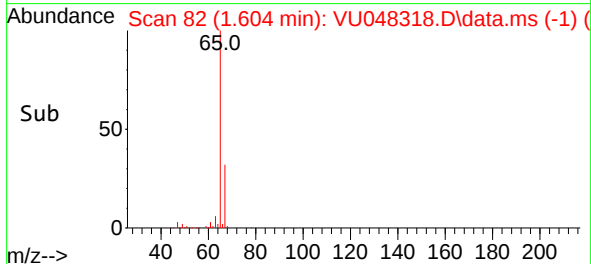
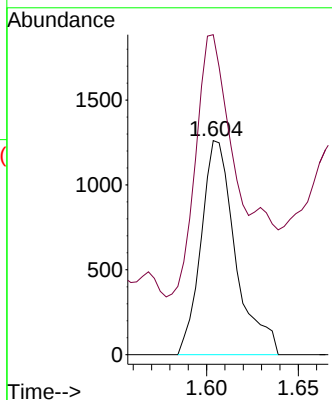
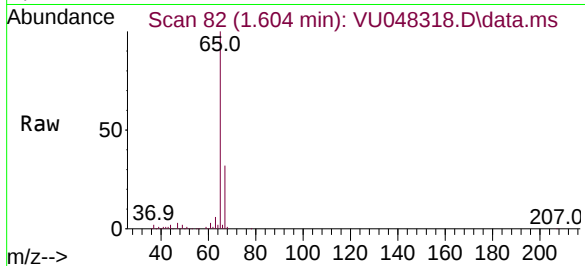




#5
 Vinyl chloride
 Concen: 0.533 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU048318.D
 Acq: 27 Apr 2022 16:36

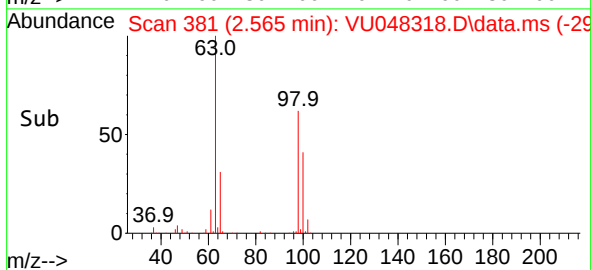
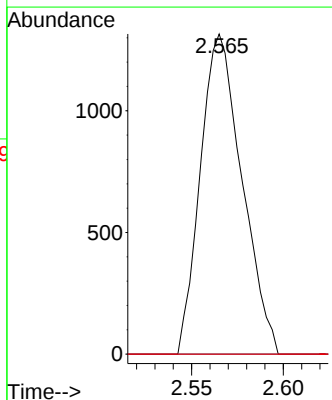
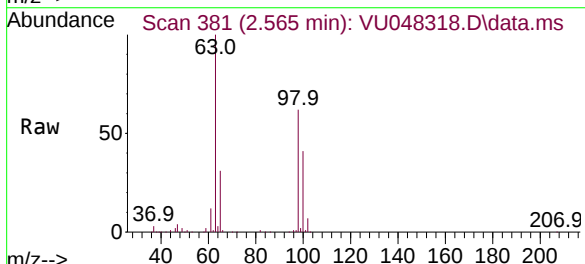
Instrument :
 MSVOA_U
 ClientSampleId :
 EXET2

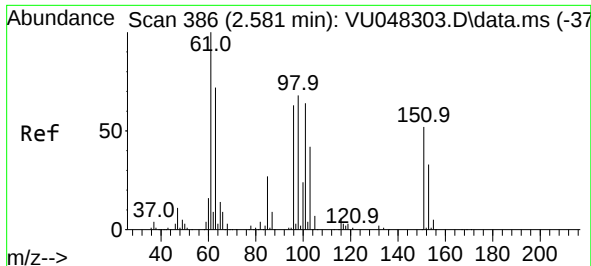
Tgt Ion: 62 Resp: 1650
 Ion Ratio Lower Upper
 62 100
 64 149.4 22.5 41.7#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.776 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.016 min
 Lab File: VU048318.D
 Acq: 27 Apr 2022 16:36

Tgt Ion: 101 Resp: 2075
 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: 0.757 ug/L

RT: 2.565 min Scan# 386

Delta R.T. -0.016 min

Lab File: VU048318.D

Acq: 27 Apr 2022 16:36

Instrument :

MSVOA_U

ClientSampleId :

EXET2

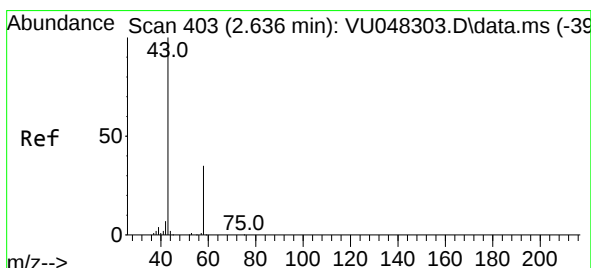
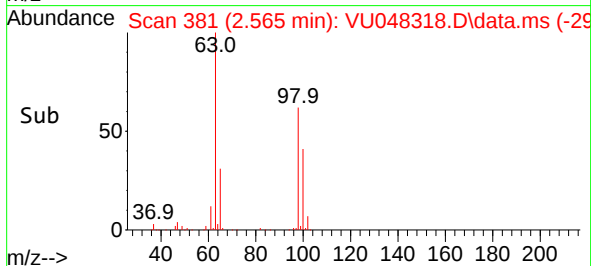
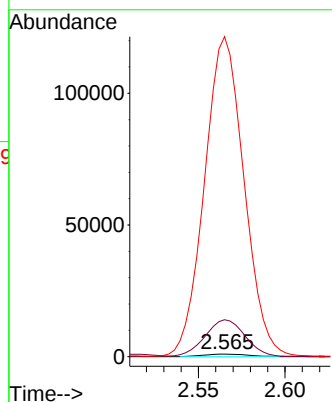
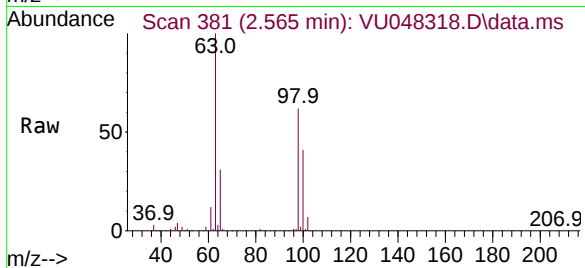
Tgt Ion: 96 Resp: 1768

Ion Ratio Lower Upper

96 100

61 1434.9 107.9 200.3#

63 12423.7 80.3 149.1#



#13

Acetone

Concen: 15.384 ug/L

RT: 2.629 min Scan# 401

Delta R.T. -0.006 min

Lab File: VU048318.D

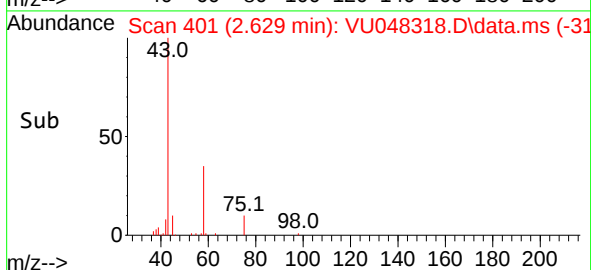
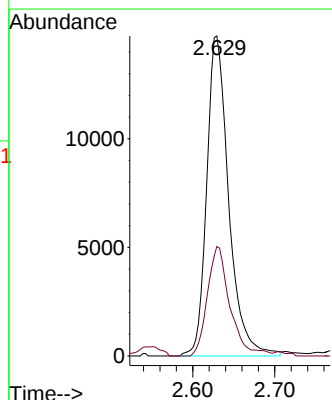
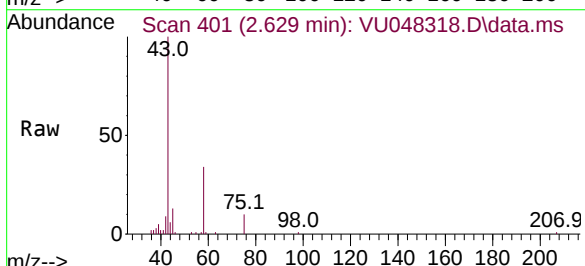
Acq: 27 Apr 2022 16:36

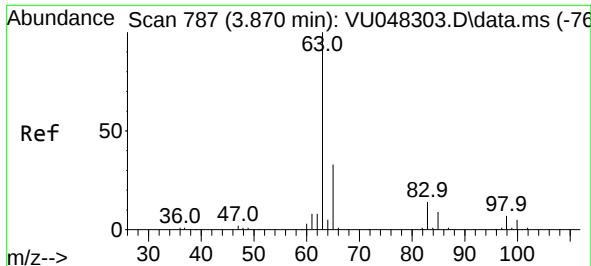
Tgt Ion: 43 Resp: 27498

Ion Ratio Lower Upper

43 100

58 34.0 0.0 71.2





#19

1,1-Dichloroethane

Concen: 1.251 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.003 min

Lab File: VU048318.D

Acq: 27 Apr 2022 16:36

Instrument :

MSVOA_U

ClientSampleId :

EXET2

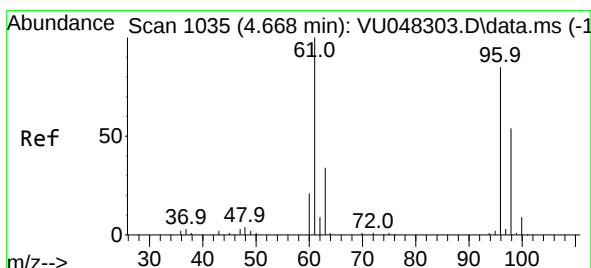
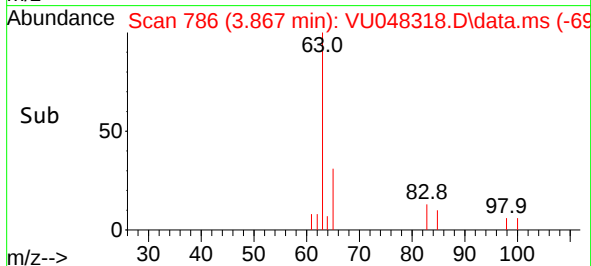
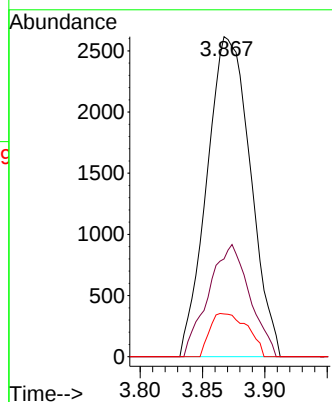
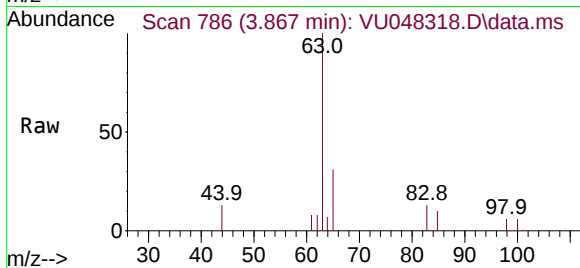
Tgt Ion: 63 Resp: 6345

Ion Ratio Lower Upper

63 100

65 30.5 22.0 40.8

83 13.4 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 0.739 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU048318.D

Acq: 27 Apr 2022 16:36

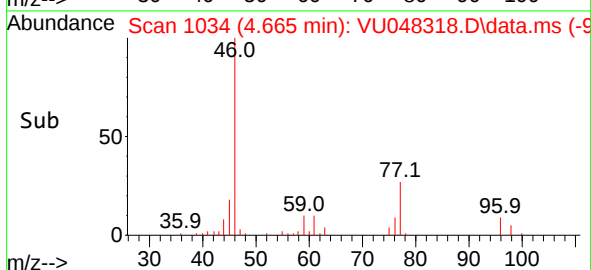
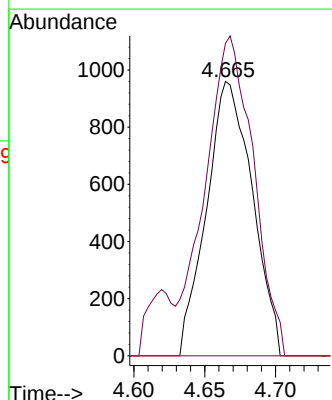
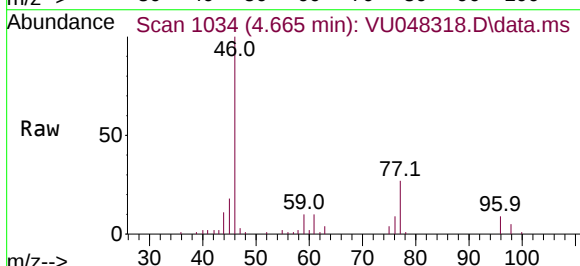
Tgt Ion: 96 Resp: 2159

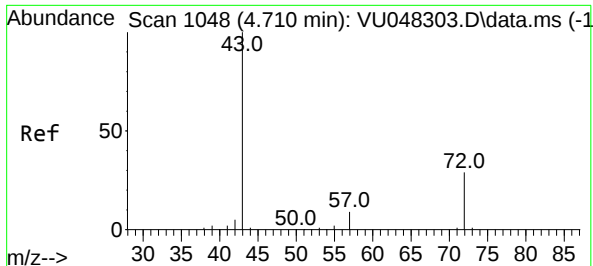
Ion Ratio Lower Upper

96 100

61 113.9 87.0 161.6

68 0.0 0.0 0.0

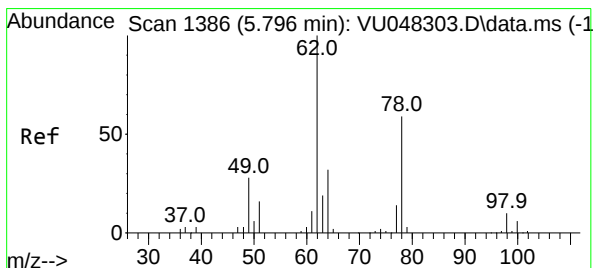
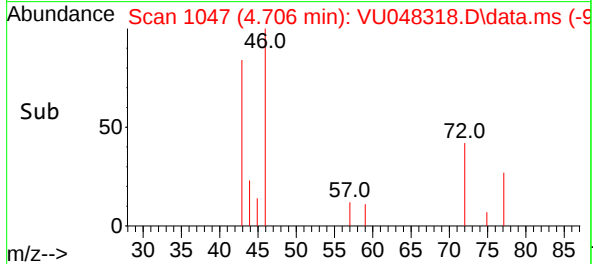
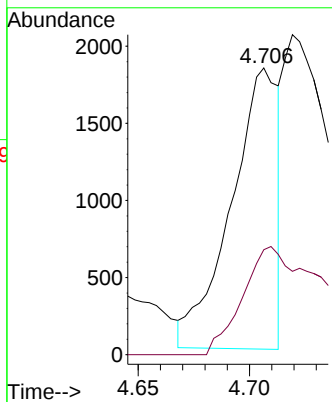
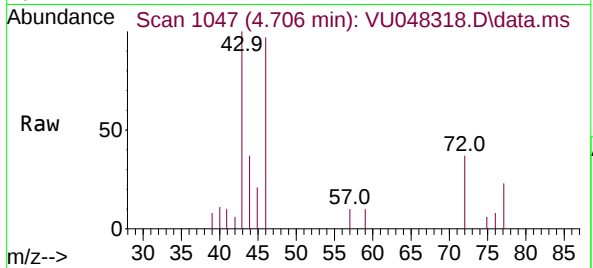




#22
2-Butanone
Concen: 1.013 ug/L
RT: 4.706 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU048318.D
Acq: 27 Apr 2022 16:36

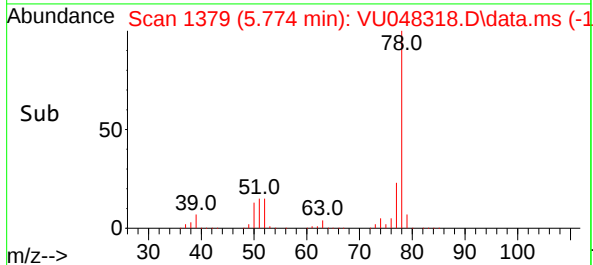
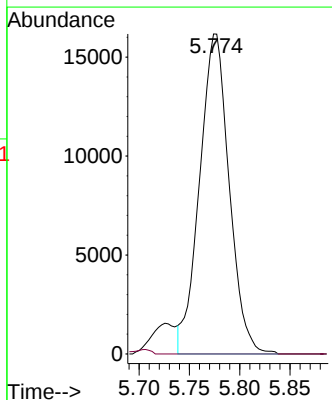
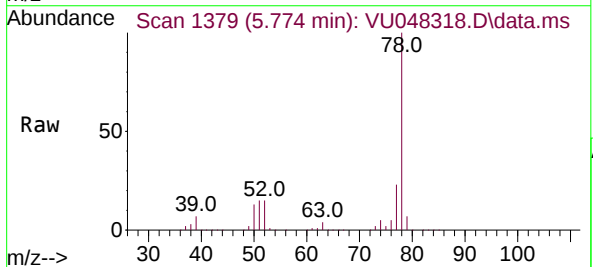
Instrument :
MSVOA_U
ClientSampleId :
EXET2

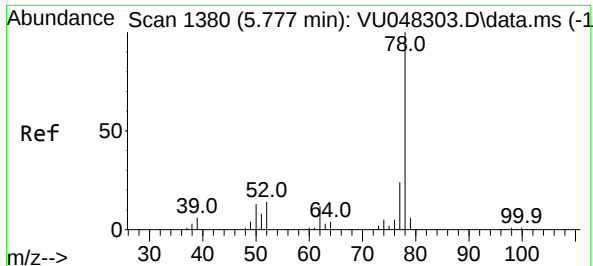
Tgt Ion: 43 Resp: 2678
Ion Ratio Lower Upper
43 100
72 38.0 14.6 43.8



#27
1,2-Dichloroethane
Concen: 8.762 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.022 min
Lab File: VU048318.D
Acq: 27 Apr 2022 16:36

Tgt Ion: 62 Resp: 33094
Ion Ratio Lower Upper
62 100
98 0.0 8.5 12.7#

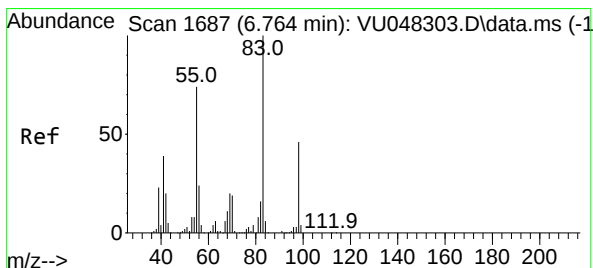
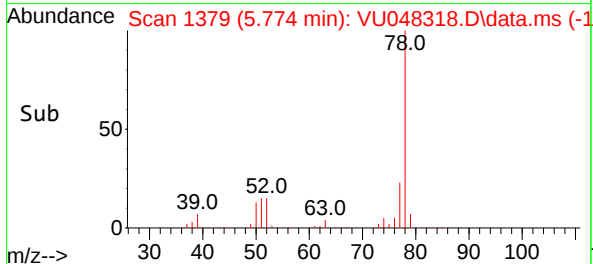
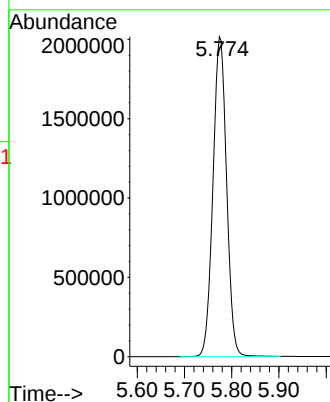
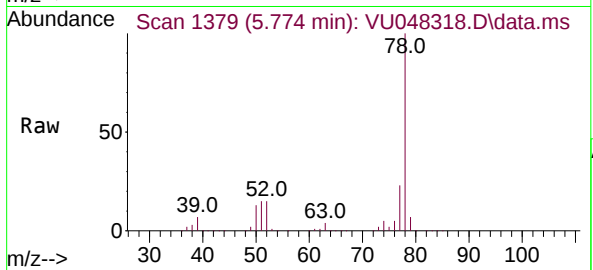




#33
Benzene
Concen: 388.797 ug/L
RT: 5.774 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048318.D
Acq: 27 Apr 2022 16:36

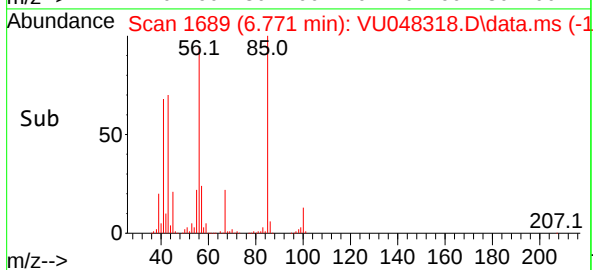
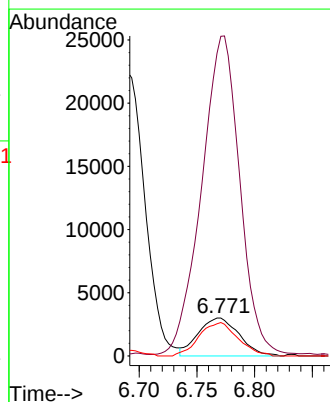
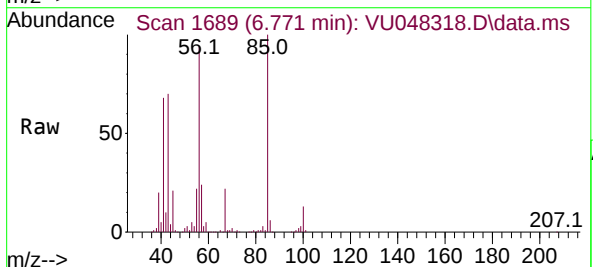
Instrument :
MSVOA_U
ClientSampleId :
EXET2

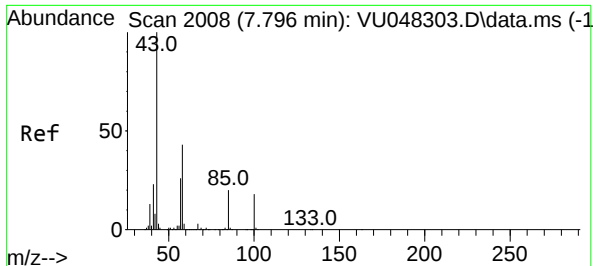
Tgt Ion: 78 Resp: 4041877



#35
Methylcyclohexane
Concen: 2.068 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VU048318.D
Acq: 27 Apr 2022 16:36

Tgt Ion: 83 Resp: 7397
Ion Ratio Lower Upper
83 100
55 795.0 59.4 89.2#
98 83.4 37.3 55.9#





#40

4-Methyl-2-pentanone

Concen: 1.789 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU048318.D

Acq: 27 Apr 2022 16:36

Instrument :

MSVOA_U

ClientSampleId :

EXET2

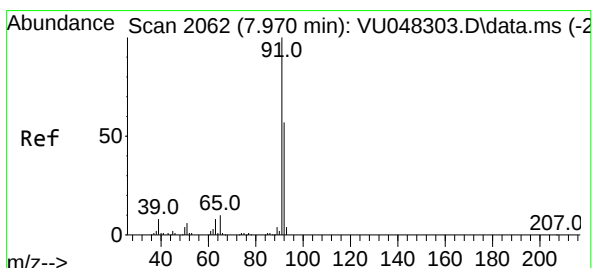
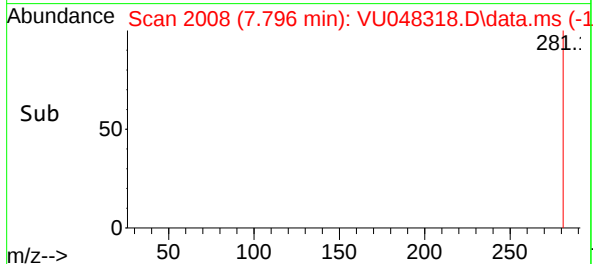
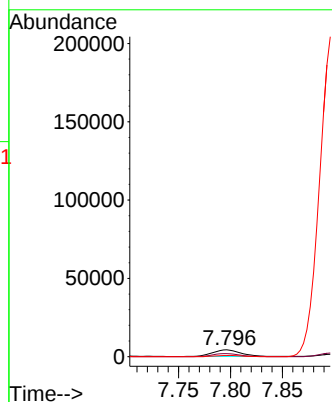
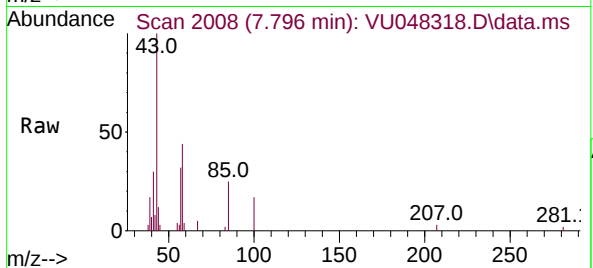
Tgt Ion: 43 Resp: 7980

Ion Ratio Lower Upper

43 100

58 44.6 34.4 51.6

100 17.2 13.6 20.4



#42

Toluene

Concen: 2.418 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU048318.D

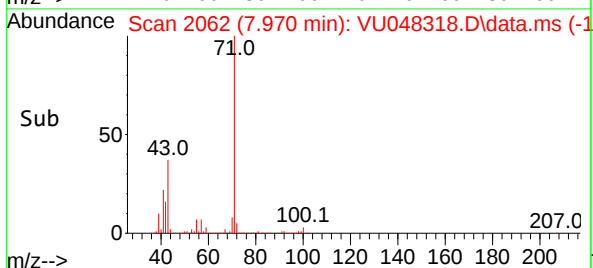
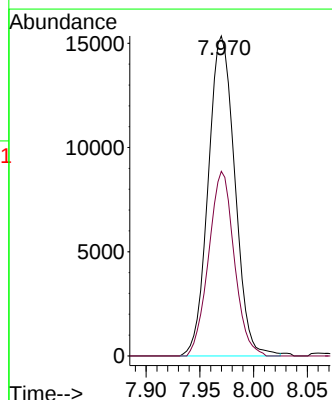
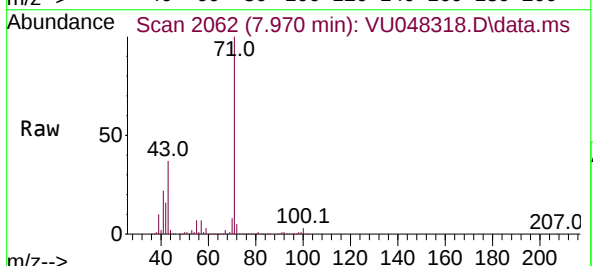
Acq: 27 Apr 2022 16:36

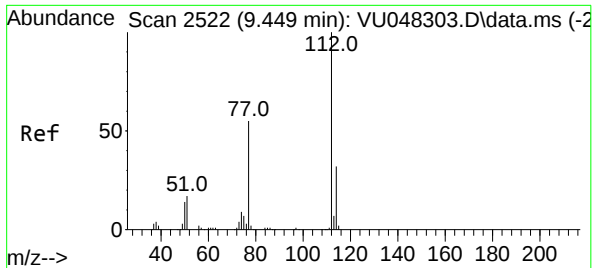
Tgt Ion: 91 Resp: 26387

Ion Ratio Lower Upper

91 100

92 57.7 40.9 76.0





#51
 Chlorobenzene
 Concen: 4.993 ug/L
 RT: 9.446 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU048318.D
 Acq: 27 Apr 2022 16:36

Instrument :
 MSVOA_U
 ClientSampleId :
 EXET2

Tgt Ion:	112	Resp:	39280
Ion	Ratio	Lower	Upper
112	100		
114	30.8	22.7	42.1
77	58.2	44.3	66.5

