

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120822\
 Data File : VU052285.D
 Acq On : 09 Dec 2022 06:16
 Operator : JC/MD
 Sample : N5960-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

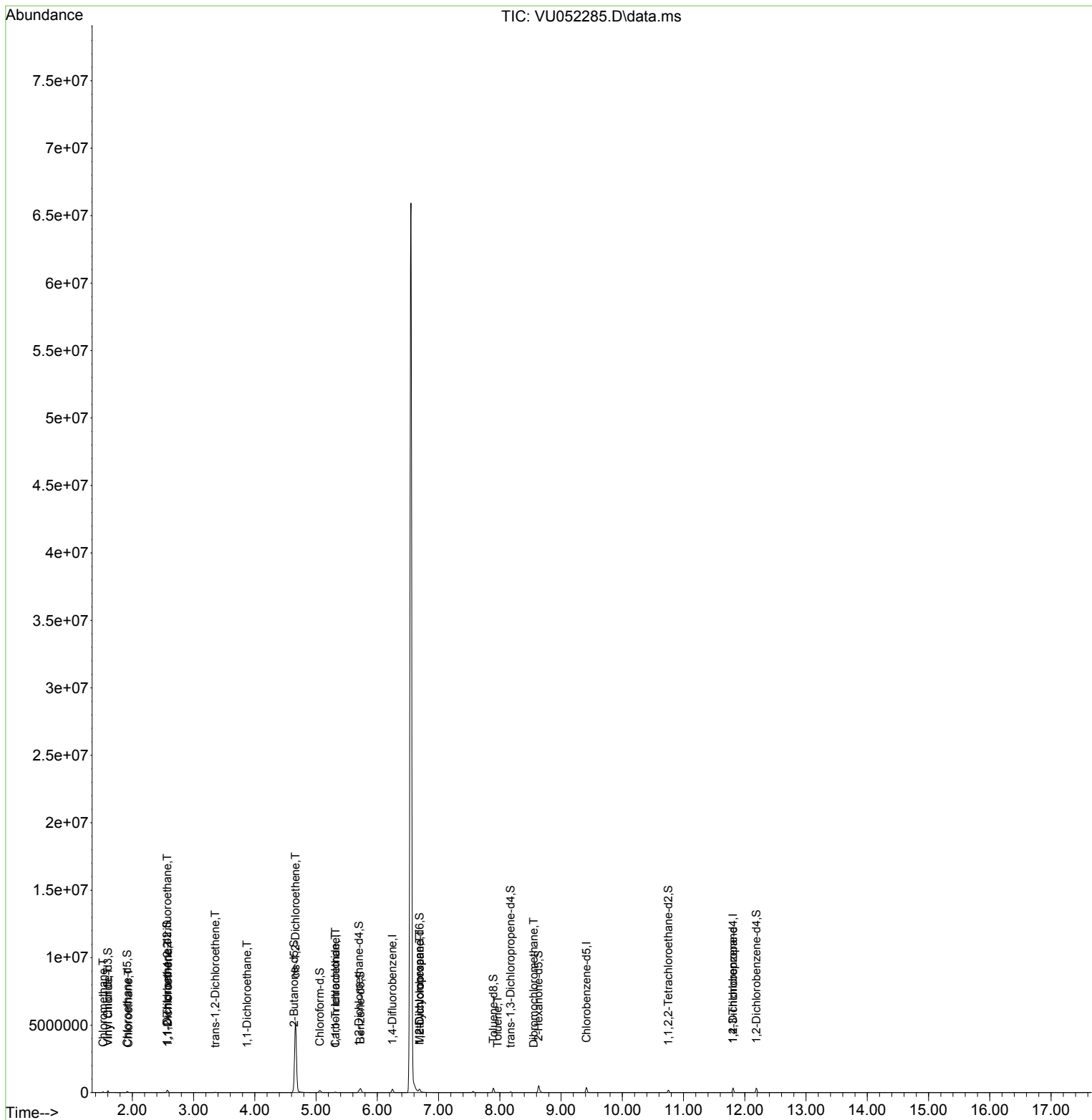
Quant Time: Dec 09 07:04:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

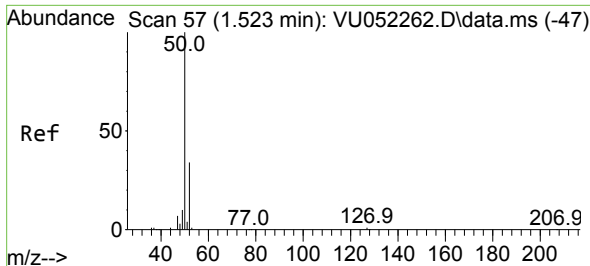
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	212083	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	214673	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	92723	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	69168	3.353	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.000%
7) Chloroethane-d5	1.916	69	65761	4.104	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.000%
11) 1,1-Dichloroethene-d2	2.568	65	28952	3.915	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.400%
20) 2-Butanone-d5	4.642	46	268224	71.730	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	143.460%#
24) Chloroform-d	5.060	84	146954	4.848	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.700	65	79075	5.165	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.726	84	290748	4.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.690	67	102008	5.172	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.896	98	225498	3.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	8.176	79	30583	4.255	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.632	63	177790	58.369	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.740%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	96374	5.636	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.800%
66) 1,2-Dichlorobenzene-d4	12.189	152	89194	5.024	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	37180	1.549	ug/L	99
5) Vinyl chloride	1.607	62	29012	1.258	ug/L	99
8) Chloroethane	1.938	64	8316	0.580	ug/L	87
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1111	0.072	ug/L #	29
12) 1,1-Dichloroethene	2.584	96	16684	1.084	ug/L #	42
18) trans-1,2-Dichloroethene	3.356	96	11444	0.694	ug/L	94
19) 1,1-Dichloroethane	3.874	63	5542	0.186	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	2775597	160.362	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	27430	1.152	ug/L	97
31) Carbon tetrachloride	5.314	117	3800	0.188	ug/L	94
35) Methylcyclohexane	6.690	83	21960	0.876	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	10430	0.577	ug/L #	88
42) Toluene	7.967	91	20217	0.281	ug/L	96
49) Dibromochloromethane	8.552	129	1917	0.126	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	10775	1.015	ug/L #	68

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

Quant Time: Dec 09 07:04:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
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QLast Update : Thu Dec 08 04:19:43 2022
Response via : Initial Calibration

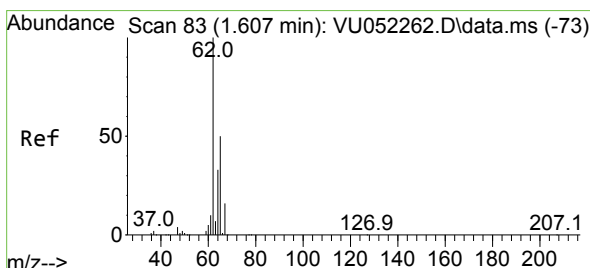
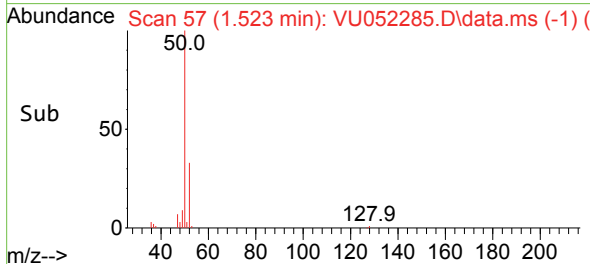
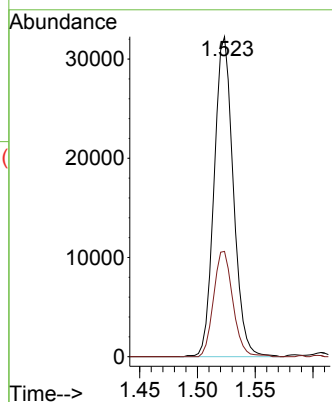
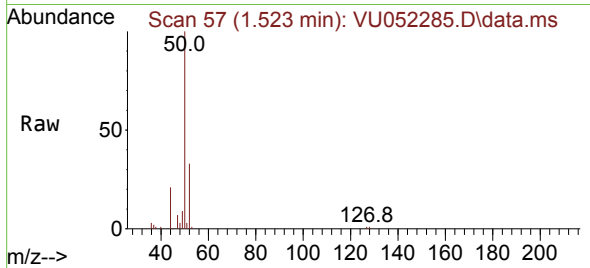




#3
Chloromethane
Concen: 1.549 ug/L
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU052285.D
Acq: 09 Dec 2022 06:16

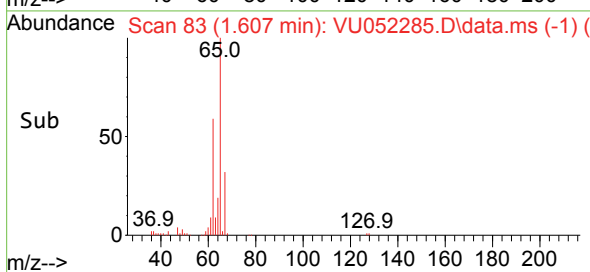
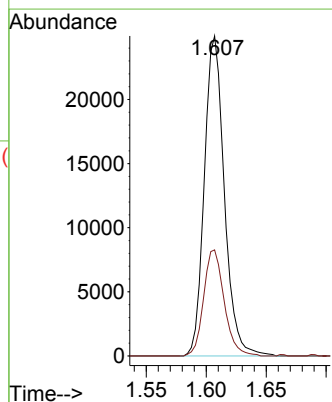
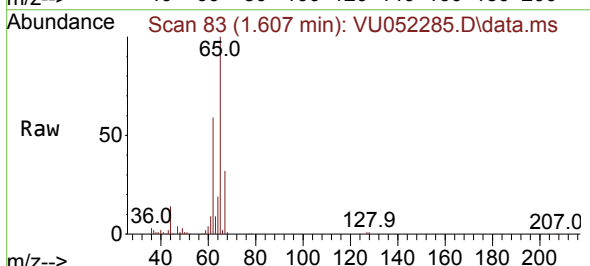
Instrument :
MSVOA_U
ClientSampleId :

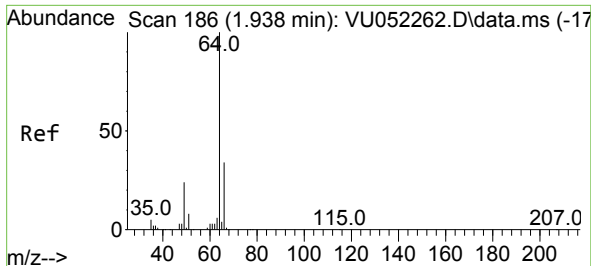
Tgt Ion: 50 Resp: 37180
Ion Ratio Lower Upper
50 100
52 32.9 23.4 43.4



#5
Vinyl chloride
Concen: 1.258 ug/L
RT: 1.607 min Scan# 83
Delta R.T. 0.003 min
Lab File: VU052285.D
Acq: 09 Dec 2022 06:16

Tgt Ion: 62 Resp: 29012
Ion Ratio Lower Upper
62 100
64 33.2 23.5 43.7

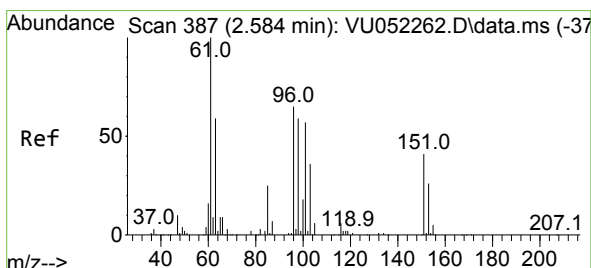
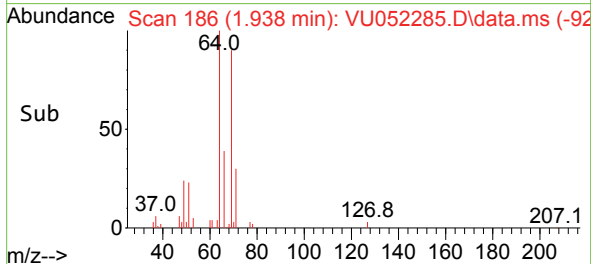
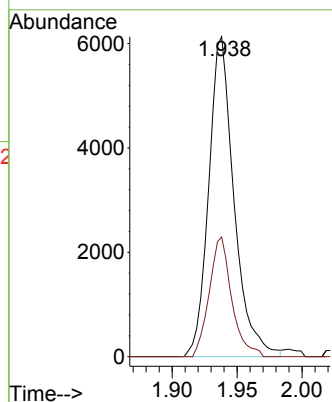
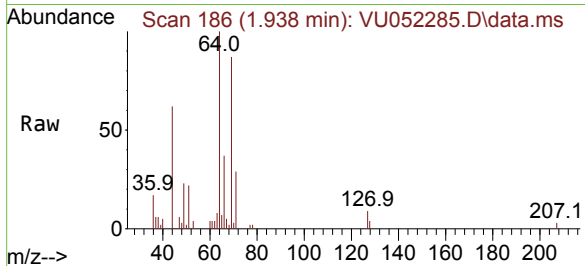




#8
Chloroethane
Concen: 0.580 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU052285.D
Acq: 09 Dec 2022 06:16

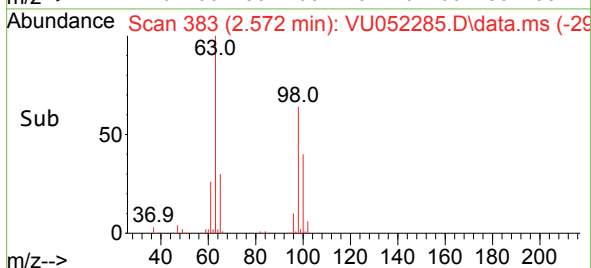
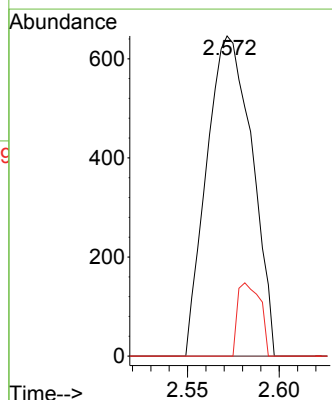
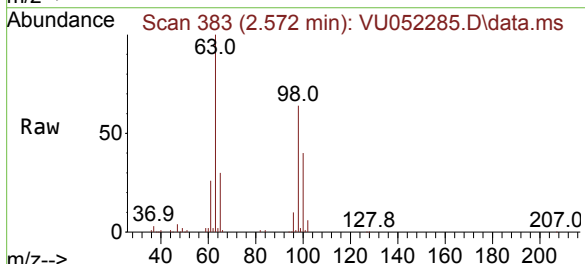
Instrument :
MSVOA_U
ClientSampleId :

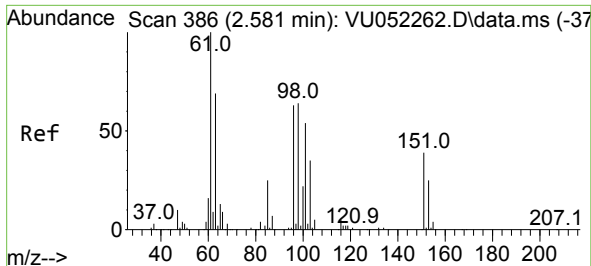
Tgt Ion: 64 Resp: 8316
Ion Ratio Lower Upper
64 100
66 37.4 21.1 39.1



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.072 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.010 min
Lab File: VU052285.D
Acq: 09 Dec 2022 06:16

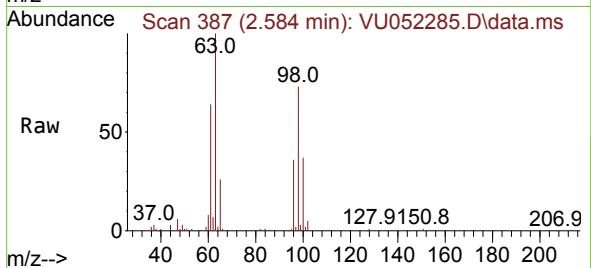
Tgt Ion: 101 Resp: 1111
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 11.3 58.6 88.0#



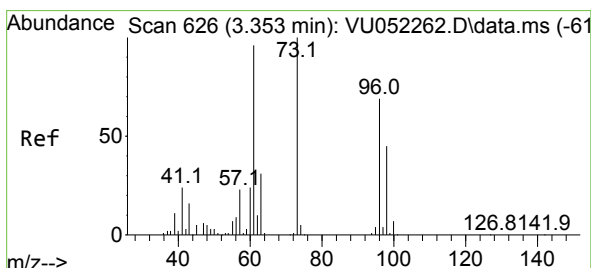
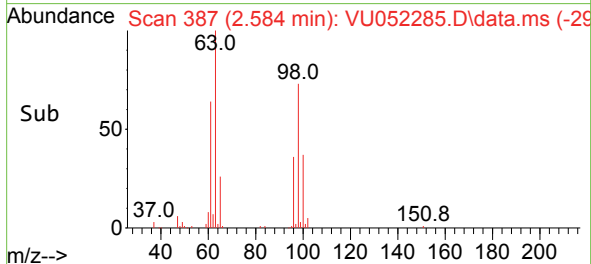
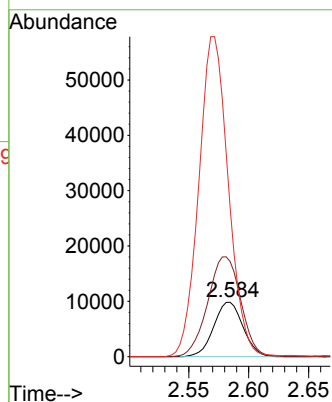


#12
1,1-Dichloroethene
Concen: 1.084 ug/L
RT: 2.584 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU052285.D
Acq: 09 Dec 2022 06:16

Instrument :
MSVOA_U
ClientSampleId :

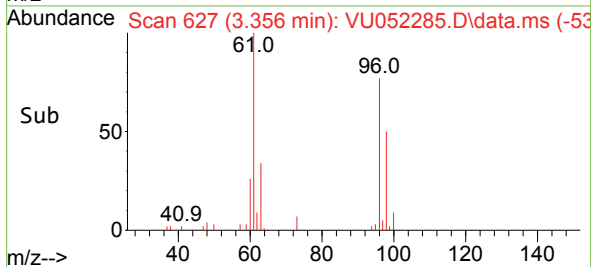
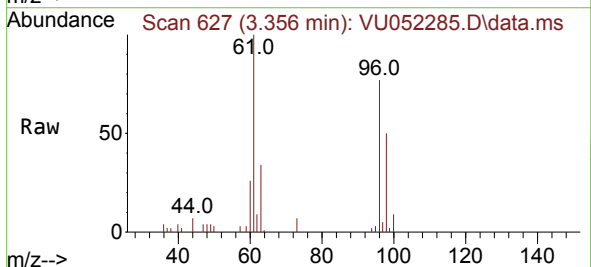
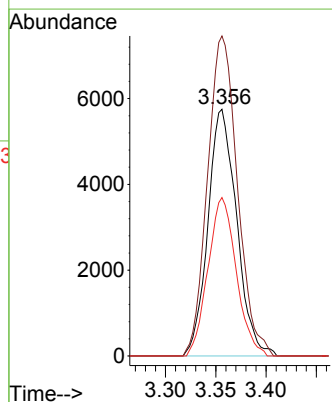


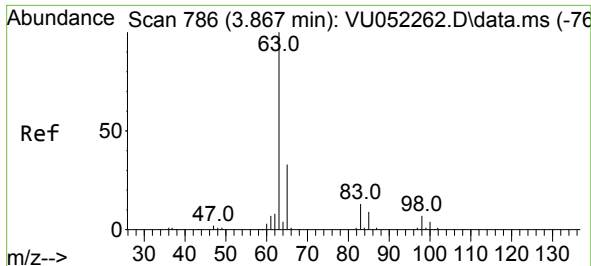
Tgt Ion: 96 Resp: 16684
Ion Ratio Lower Upper
96 100
61 175.0 114.8 213.2
63 274.3 93.7 174.1#



#18
trans-1,2-Dichloroethene
Concen: 0.694 ug/L
RT: 3.356 min Scan# 627
Delta R.T. 0.003 min
Lab File: VU052285.D
Acq: 09 Dec 2022 06:16

Tgt Ion: 96 Resp: 11444
Ion Ratio Lower Upper
96 100
61 129.7 97.9 181.7
98 64.2 43.8 81.3





#19

1,1-Dichloroethane

Concen: 0.186 ug/L

RT: 3.874 min Scan# 71

Delta R.T. 0.006 min

Lab File: VU052285.D

Acq: 09 Dec 2022 06:16

Instrument :

MSVOA_U

ClientSampleId :

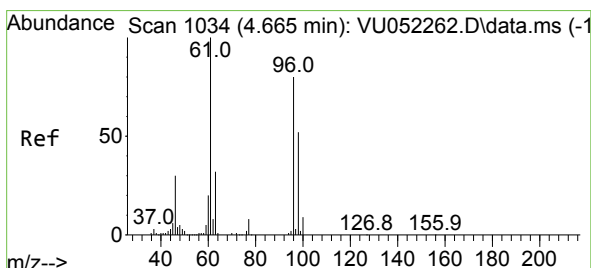
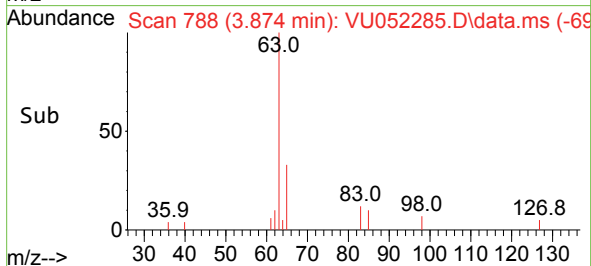
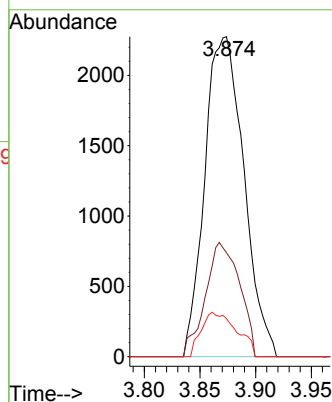
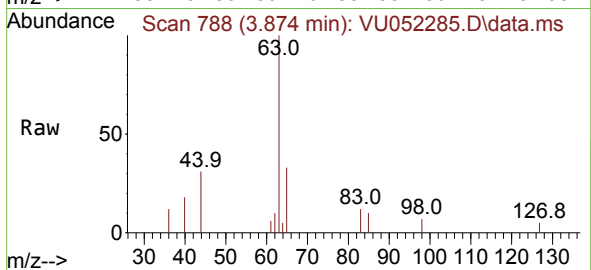
Tgt Ion: 63 Resp: 5542

Ion Ratio Lower Upper

63 100

65 32.5 22.2 41.2

83 11.9 9.2 17.0



#22

cis-1,2-Dichloroethene

Concen: 160.362 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU052285.D

Acq: 09 Dec 2022 06:16

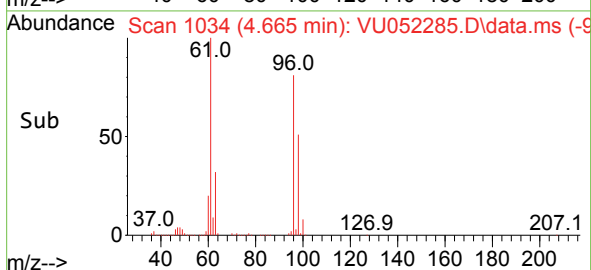
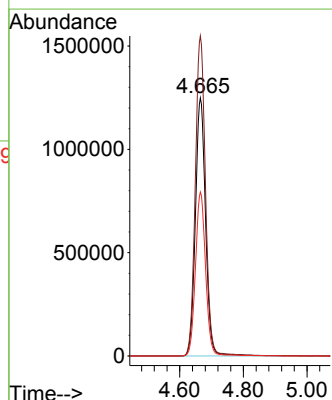
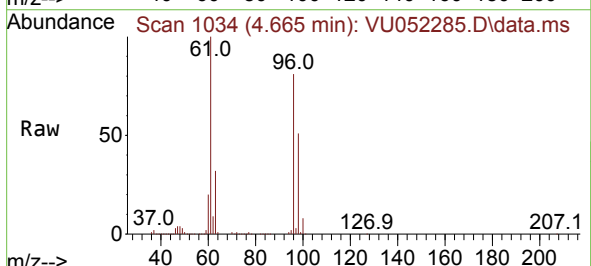
Tgt Ion: 96 Resp: 2775597

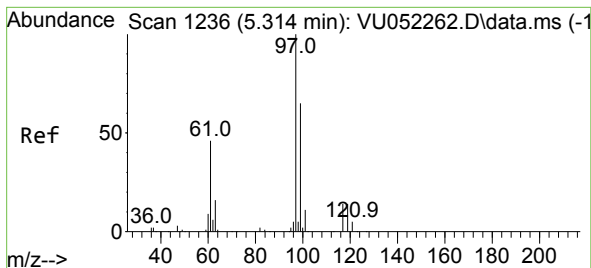
Ion Ratio Lower Upper

96 100

61 124.0 85.1 158.1

98 63.5 42.8 79.6





#29

1,1,1-Trichloroethane

Concen: 1.152 ug/L

RT: 5.317 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU052285.D

Acq: 09 Dec 2022 06:16

Instrument :

MSVOA_U

ClientSampleId :

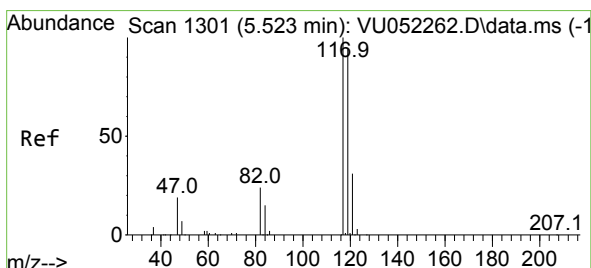
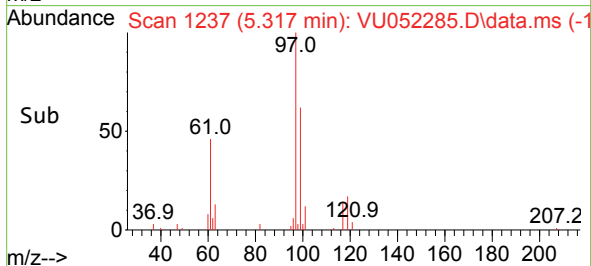
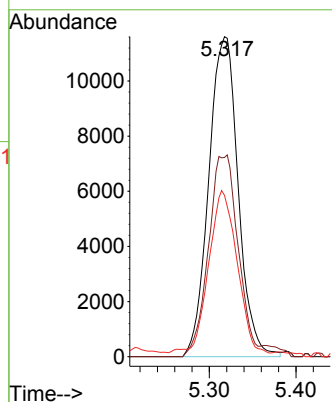
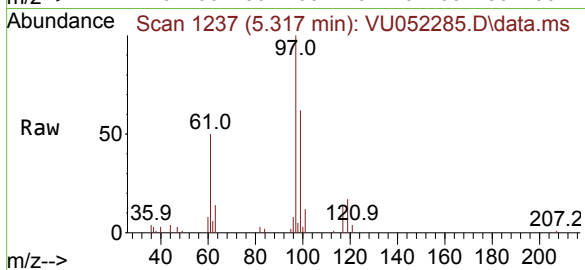
Tgt Ion: 97 Resp: 27430

Ion Ratio Lower Upper

97 100

99 63.3 51.0 76.6

61 50.2 36.9 55.3



#31

Carbon tetrachloride

Concen: 0.188 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.209 min

Lab File: VU052285.D

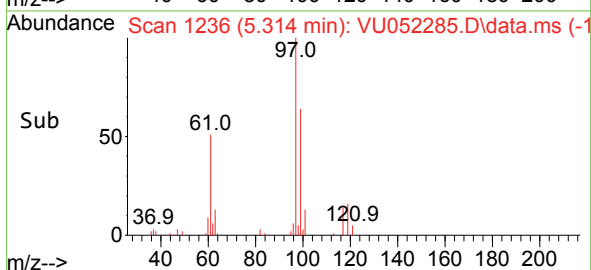
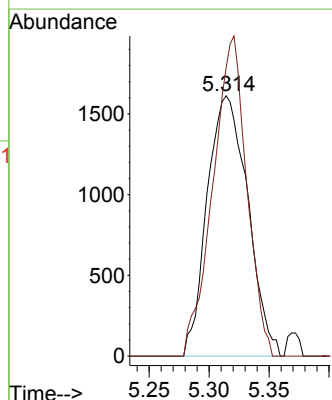
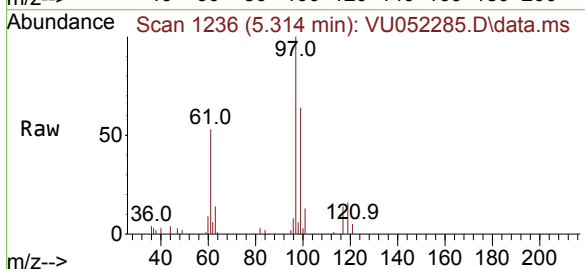
Acq: 09 Dec 2022 06:16

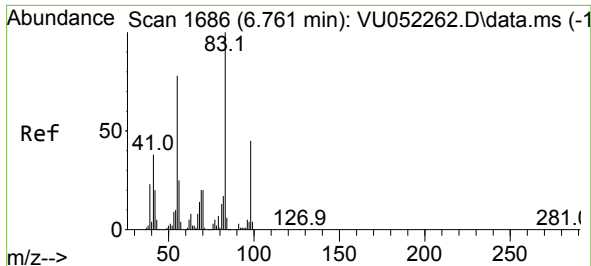
Tgt Ion: 117 Resp: 3800

Ion Ratio Lower Upper

117 100

119 102.1 77.2 115.8

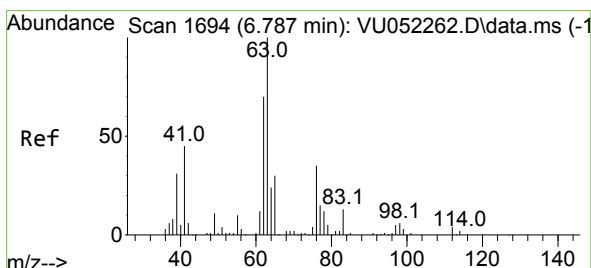
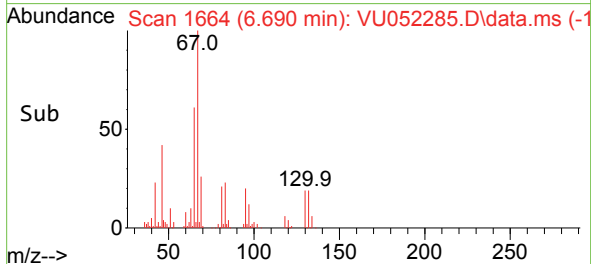
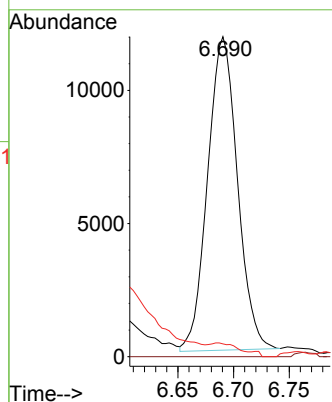
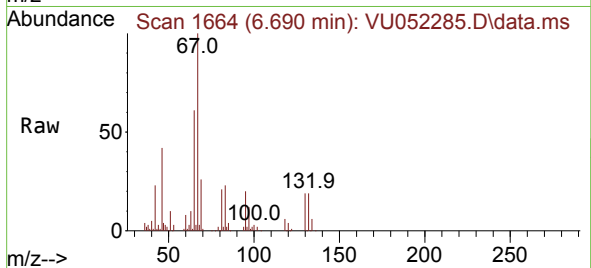




#35
Methylcyclohexane
Concen: 0.876 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU052285.D
Acq: 09 Dec 2022 06:16

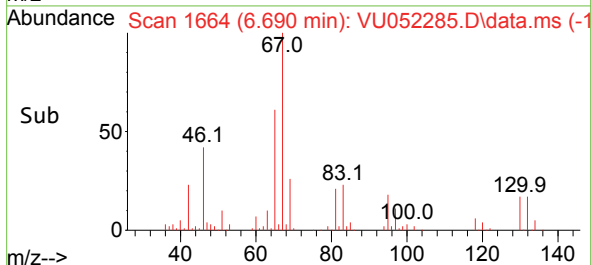
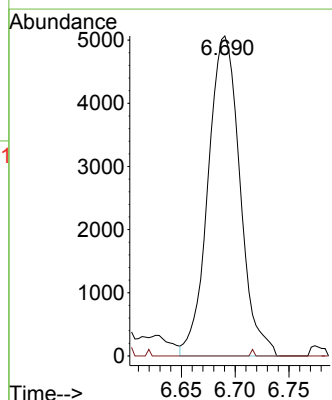
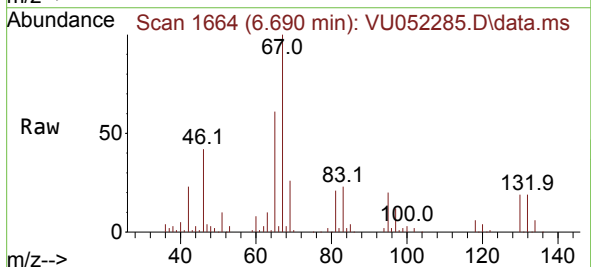
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MSVOA_U
ClientSampleId :

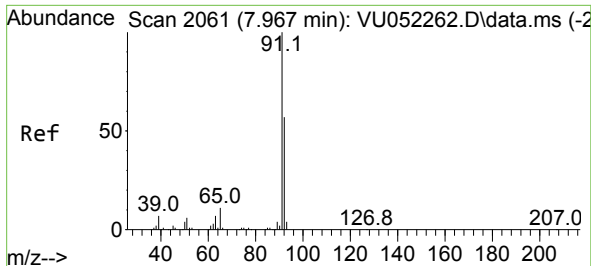
Tgt Ion: 83 Resp: 21960
Ion Ratio Lower Upper
83 100
55 0.8 60.8 91.2#
98 0.0 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.577 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU052285.D
Acq: 09 Dec 2022 06:16

Tgt Ion: 63 Resp: 10430
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#





#42

Toluene

Concen: 0.281 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU052285.D

Acq: 09 Dec 2022 06:16

Instrument :

MSVOA_U

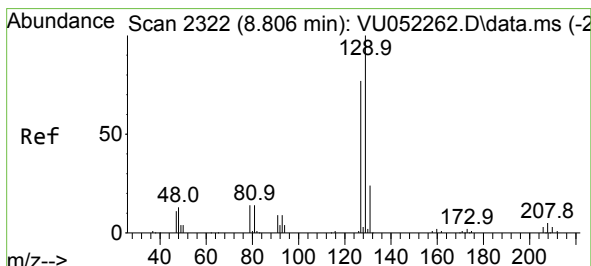
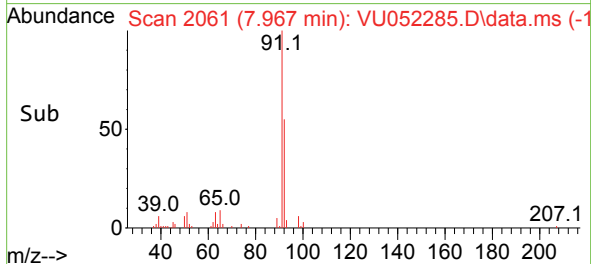
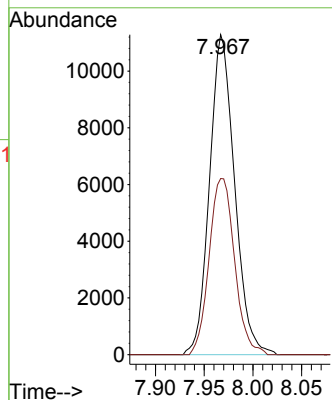
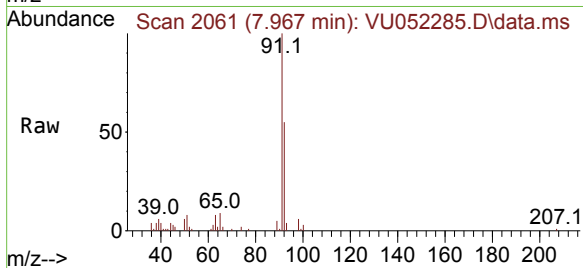
ClientSampleId :

Tgt Ion: 91 Resp: 20217

Ion Ratio Lower Upper

91 100

92 55.0 40.7 75.5



#49

Dibromochloromethane

Concen: 0.126 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.254 min

Lab File: VU052285.D

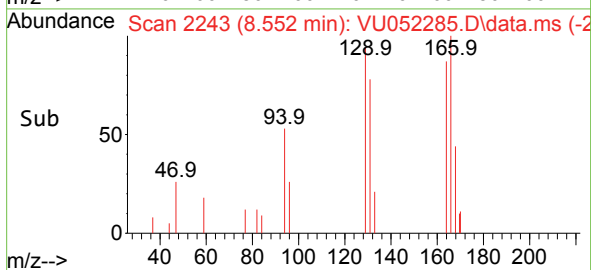
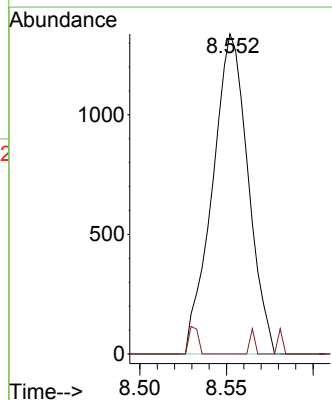
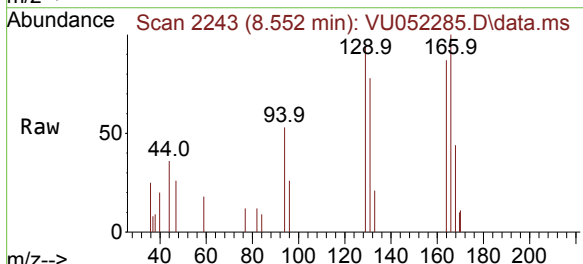
Acq: 09 Dec 2022 06:16

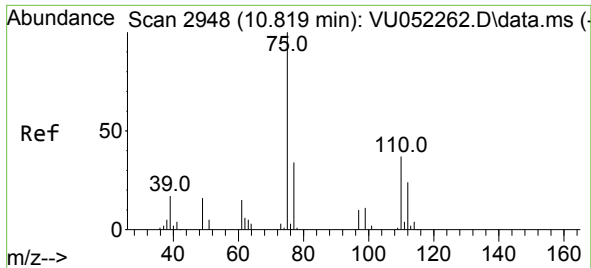
Tgt Ion: 129 Resp: 1917

Ion Ratio Lower Upper

129 100

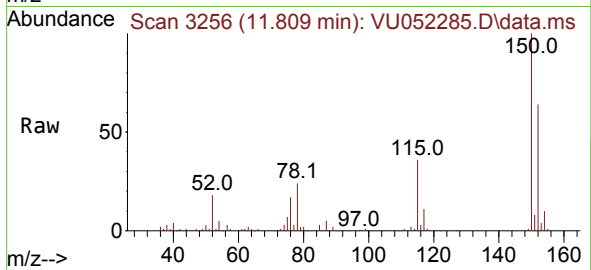
127 0.0 52.8 98.2#





#61
1,2,3-Trichloropropane
Concen: 1.015 ug/L
RT: 11.809 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU052285.D
Acq: 09 Dec 2022 06:16

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	1.5	28.3	42.5#
77	35.0	26.2	39.2

