

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120922\
 Data File : VU052295.D
 Acq On : 09 Dec 2022 12:38
 Operator : JC/MD
 Sample : N5916-12DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 23:11:20 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)

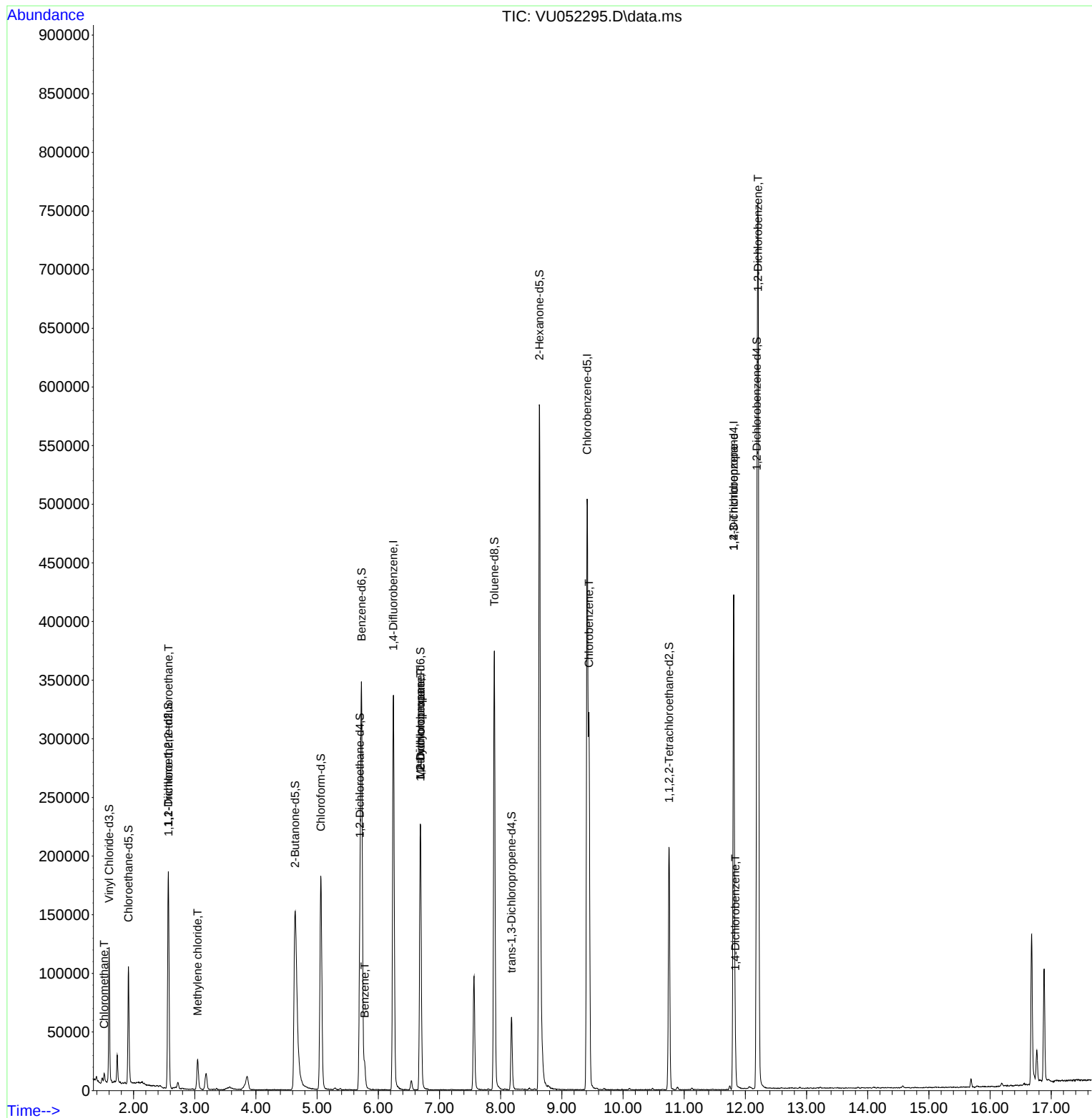
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	283400	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	283388	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	113985	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	83324	3.023	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.400%
7) Chloroethane-d5	1.916	69	76718	3.583	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.600%
11) 1,1-Dichloroethene-d2	2.568	65	35718	3.615	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.200%
20) 2-Butanone-d5	4.639	46	290931	58.224	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.440%
24) Chloroform-d	5.060	84	174541	4.309	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.700	65	91229	4.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	5.726	84	341726	4.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
36) 1,2-Dichloropropane-d6	6.687	67	118608	4.555	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.896	98	262026	3.442	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.800%#
43) trans-1,3-Dichloroprop...	8.176	79	36628	3.860	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.200%
46) 2-Hexanone-d5	8.632	63	203267	50.552	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.100%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	107602	4.767	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	12.188	152	99333	4.552	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	5615	0.175	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1146	0.055	ug/L #	24
16) Methylene chloride	3.044	84	13696	0.492	ug/L	92
33) Benzene	5.777	78	19271	0.209	ug/L	100
35) Methylcyclohexane	6.687	83	26579	0.803	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	12021	0.503	ug/L #	88
51) Chlorobenzene	9.443	112	168648	2.788	ug/L	98
61) 1,2,3-Trichloropropane	11.809	75	18397	1.410	ug/L #	63
65) 1,4-Dichlorobenzene	11.835	146	16772	0.460	ug/L	93
67) 1,2-Dichlorobenzene	12.208	146	279552	7.941	ug/L	98

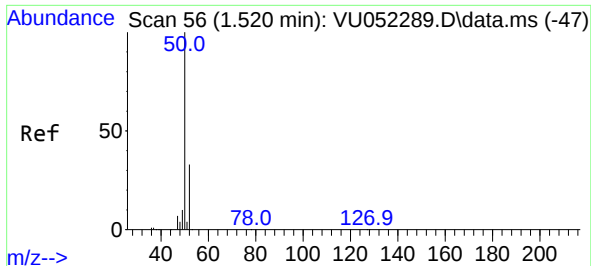
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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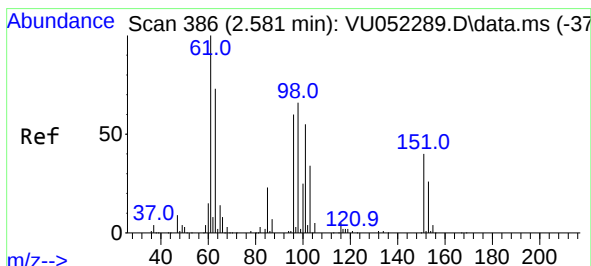
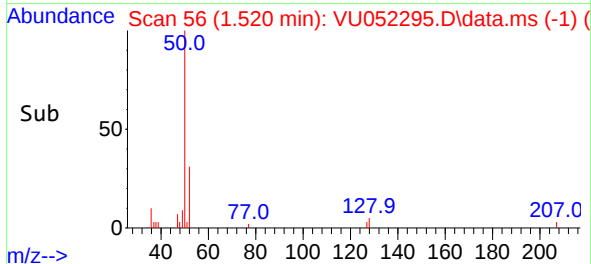
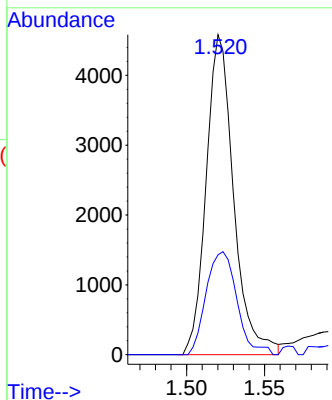
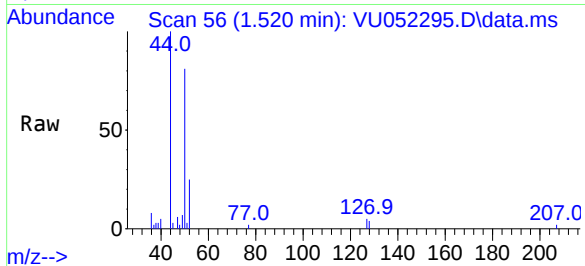




#3
Chloromethane
Concen: 0.175 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU052295.D
Acq: 09 Dec 2022 12:38

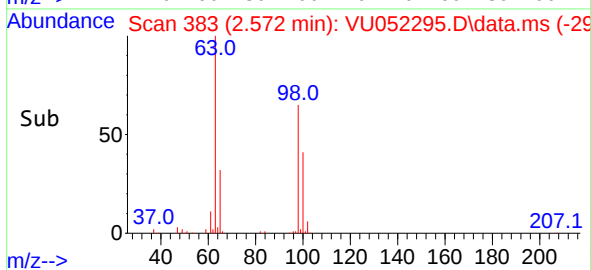
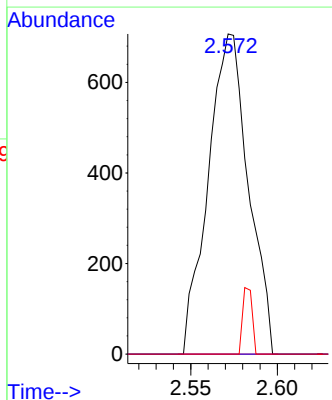
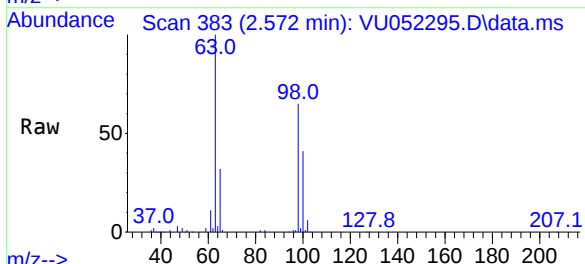
Instrument :
MSVOA_U
ClientSampleId :

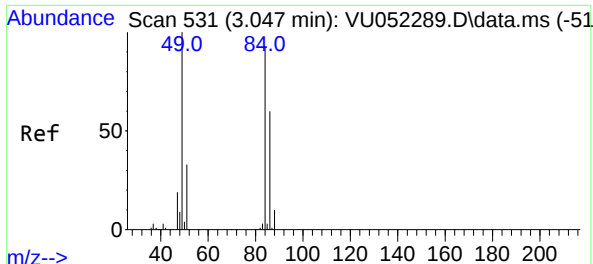
Tgt Ion: 50 Resp: 5615
Ion Ratio Lower Upper
50 100
52 31.2 23.4 43.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.055 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.010 min
Lab File: VU052295.D
Acq: 09 Dec 2022 12:38

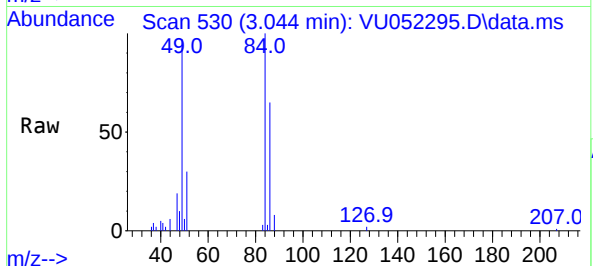
Tgt Ion: 101 Resp: 1146
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 4.9 58.6 88.0#





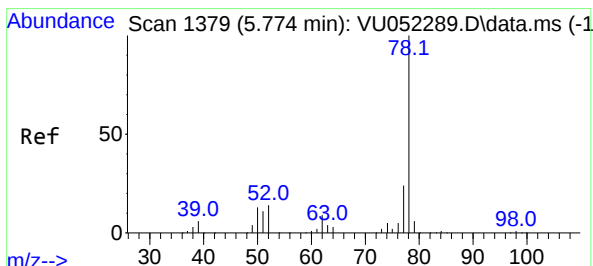
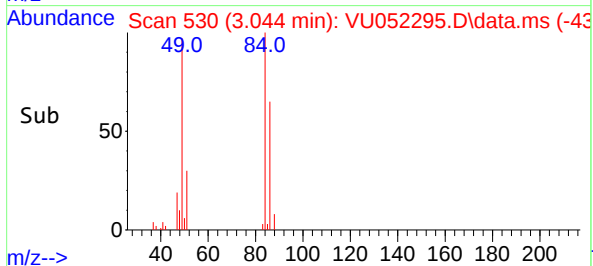
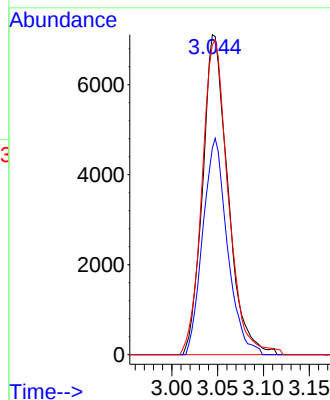
#16
Methylene chloride
Concen: 0.492 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU052295.D
Acq: 09 Dec 2022 12:38

Instrument :
MSVOA_U
ClientSampleId :



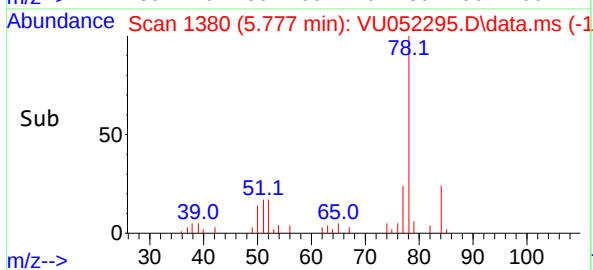
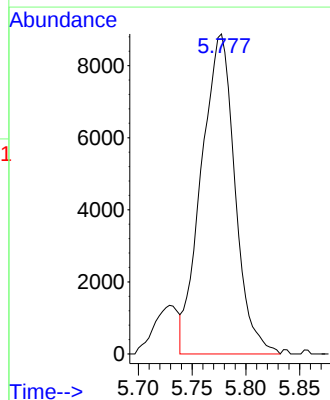
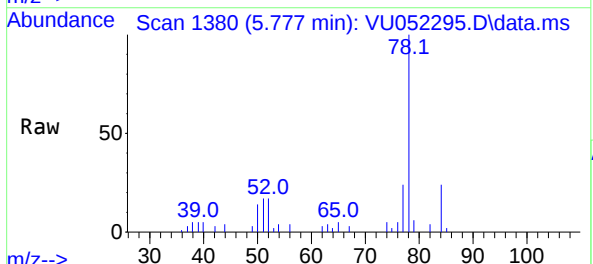
Tgt Ion: 84 Resp: 13696

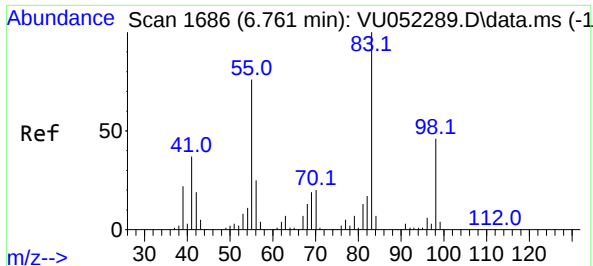
Ion	Ratio	Lower	Upper
84	100		
86	64.6	43.8	81.4
49	97.0	75.9	141.1



#33
Benzene
Concen: 0.209 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU052295.D
Acq: 09 Dec 2022 12:38

Tgt Ion: 78 Resp: 19271





#35

Methylcyclohexane

Concen: 0.803 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU052295.D

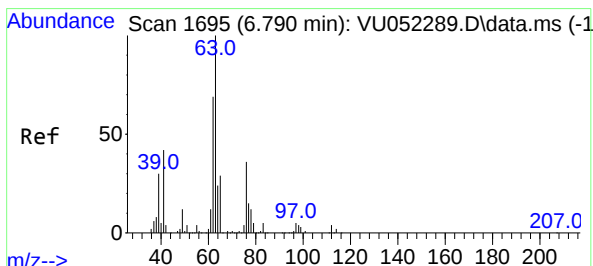
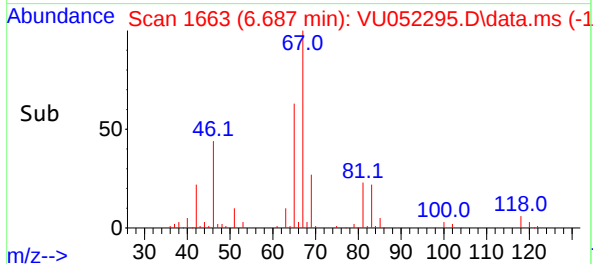
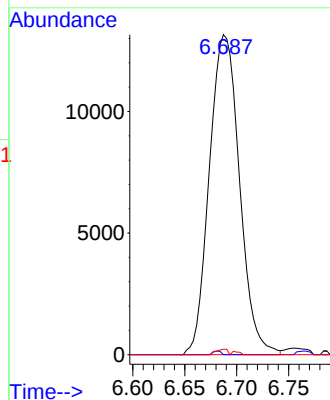
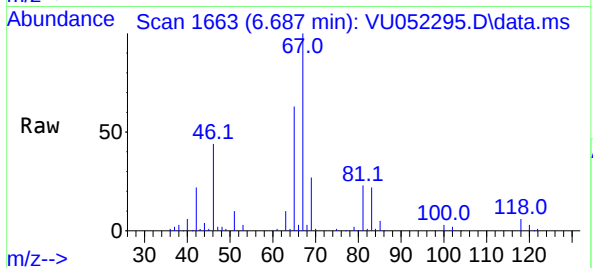
Acq: 09 Dec 2022 12:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 26579
Ion Ratio	Lower Upper
83 100	
55 0.3	60.8 91.2#
98 0.7	35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.503 ug/L

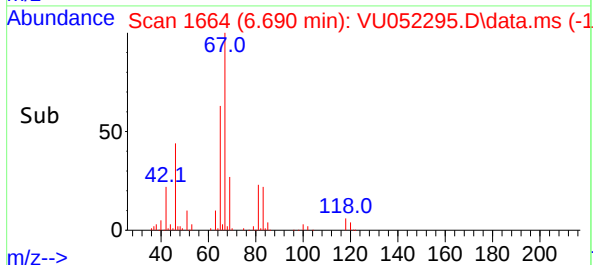
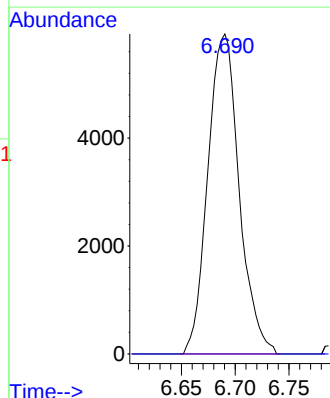
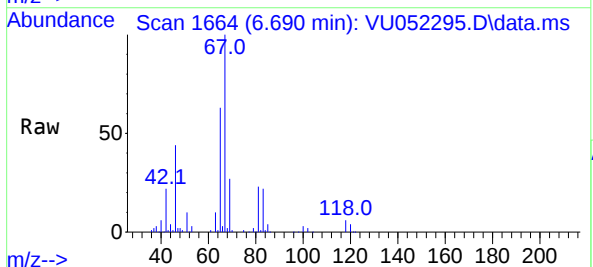
RT: 6.690 min Scan# 1664

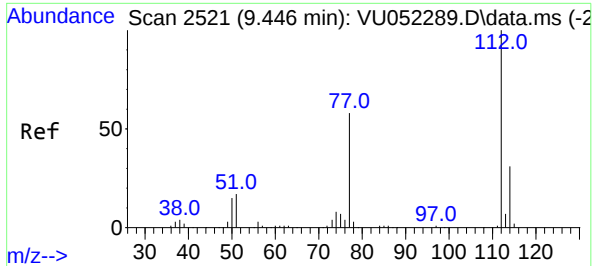
Delta R.T. -0.100 min

Lab File: VU052295.D

Acq: 09 Dec 2022 12:38

Tgt Ion: 63	Resp: 12021
Ion Ratio	Lower Upper
63 100	
112 0.2	3.3 4.9#

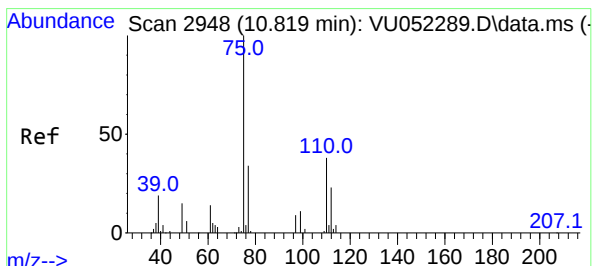
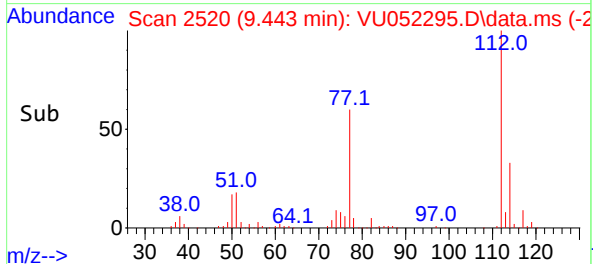
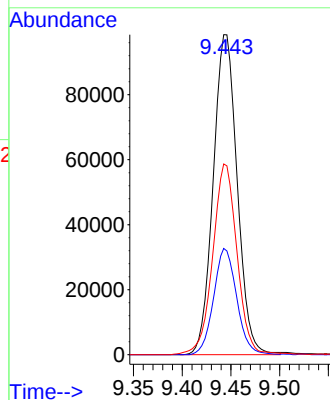
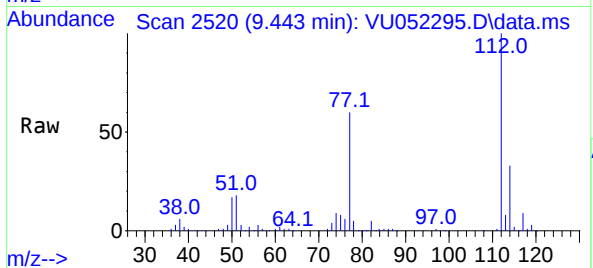




#51
Chlorobenzene
Concen: 2.788 ug/L
RT: 9.443 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052295.D
Acq: 09 Dec 2022 12:38

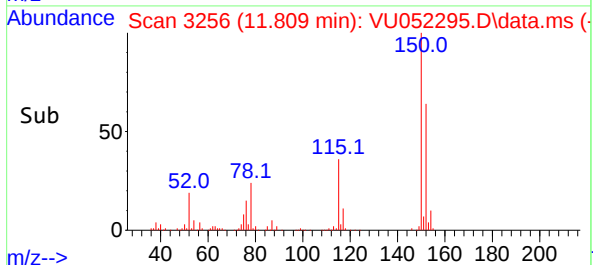
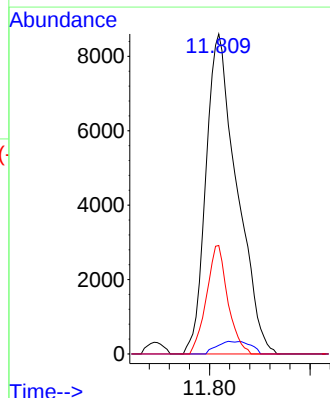
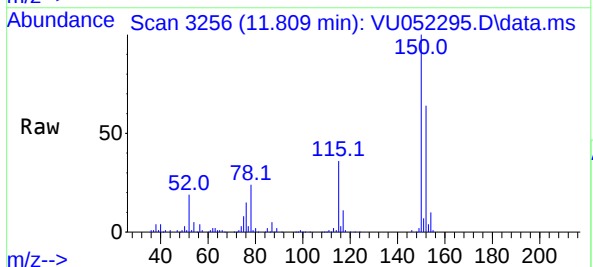
Instrument :
MSVOA_U
ClientSampleId :

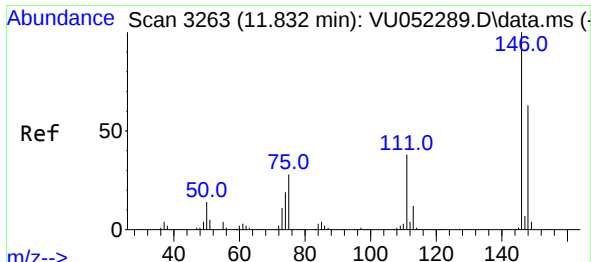
Tgt Ion:112 Resp: 168648
Ion Ratio Lower Upper
112 100
114 33.2 22.2 41.2
77 59.6 46.6 70.0



#61
1,2,3-Trichloropropane
Concen: 1.410 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU052295.D
Acq: 09 Dec 2022 12:38

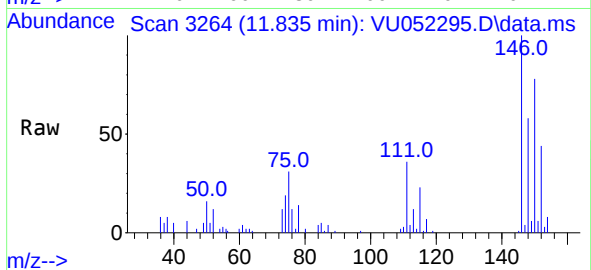
Tgt Ion: 75 Resp: 18397
Ion Ratio Lower Upper
75 100
110 2.4 28.3 42.5#
77 23.3 26.2 39.2#



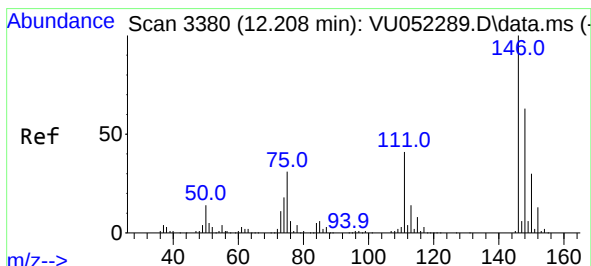
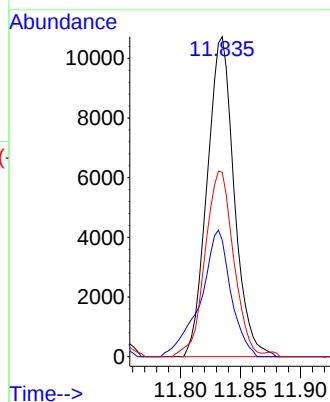
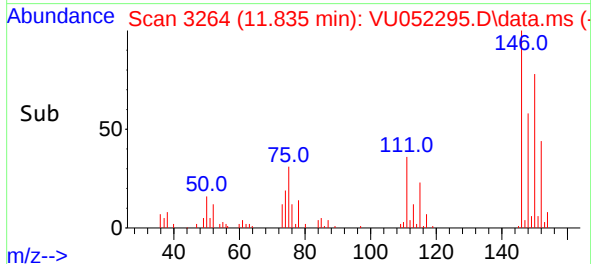


#65
1,4-Dichlorobenzene
Concen: 0.460 ug/L
RT: 11.835 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU052295.D
Acq: 09 Dec 2022 12:38

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:146 Resp: 16772
Ion Ratio Lower Upper
146 100
111 36.4 26.9 50.1
148 57.6 45.1 83.7



#67
1,2-Dichlorobenzene
Concen: 7.941 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU052295.D
Acq: 09 Dec 2022 12:38

Tgt Ion:146 Resp: 279552
Ion Ratio Lower Upper
146 100
111 42.5 32.7 49.1
148 64.6 50.6 75.8

