

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120922\
 Data File : VU052293.D
 Acq On : 09 Dec 2022 11:50
 Operator : JC/MD
 Sample : N5916-11DL2 500X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 23:11:03 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)

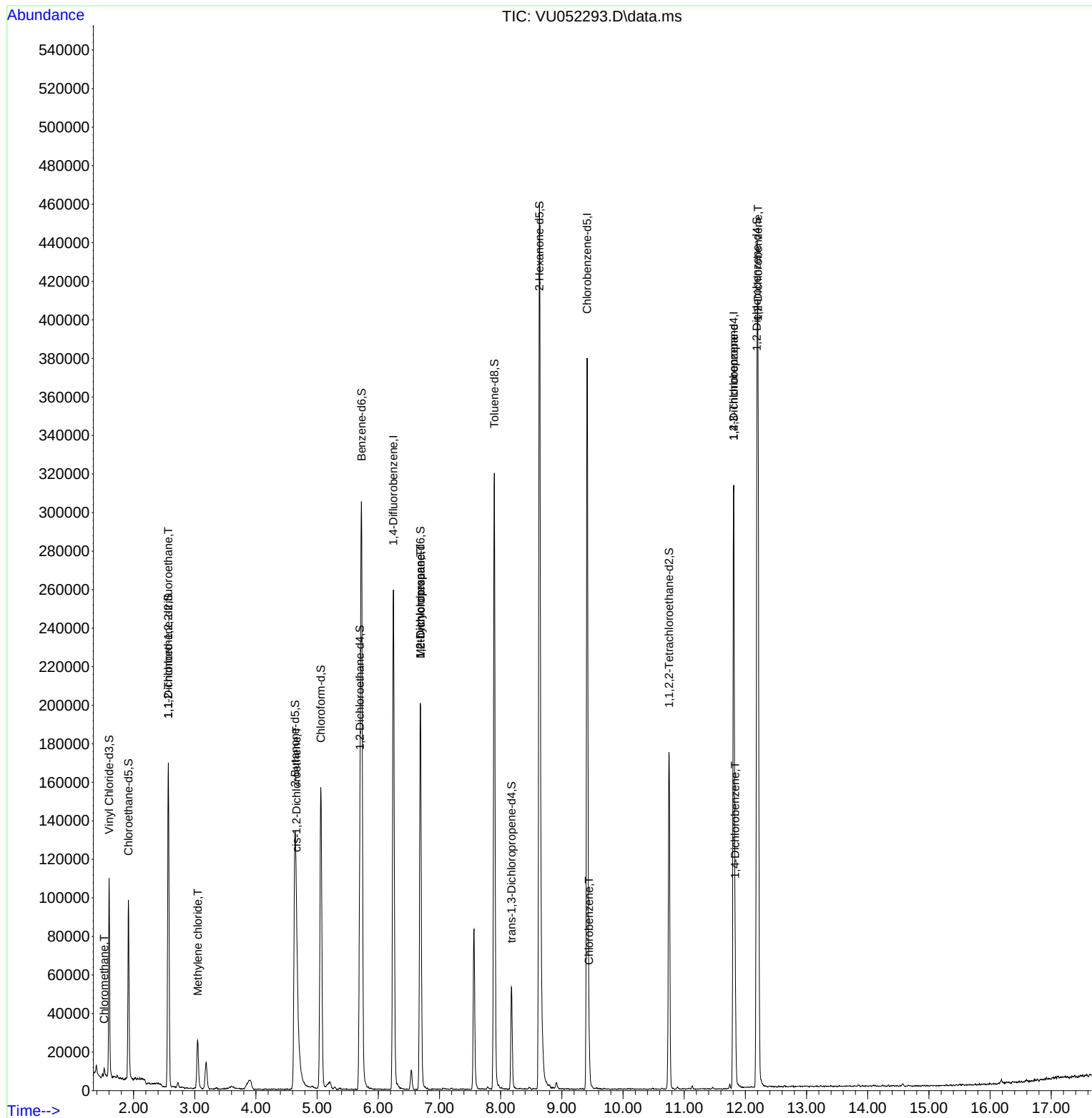
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	217028	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	220503	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	86613	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	77027	3.649	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.000%
7) Chloroethane-d5	1.916	69	71805	4.379	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.568	65	32145	4.248	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	4.639	46	245722	64.215	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.440%
24) Chloroform-d	5.060	84	154550	4.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.700	65	80343	5.128	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.726	84	301203	4.601	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.687	67	102565	5.063	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.896	98	222842	3.762	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.200%
43) trans-1,3-Dichloroprop...	8.176	79	31132	4.217	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.633	63	159018	50.826	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.660%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	92650	5.275	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	85616	5.163	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	3121	0.127	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1070	0.067	ug/L #	23
16) Methylene chloride	3.048	84	13928	0.654	ug/L	96
22) cis-1,2-Dichloroethene	4.662	96	1663	0.094	ug/L #	66
35) Methylcyclohexane	6.687	83	22055	0.857	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	10768	0.580	ug/L #	88
51) Chlorobenzene	9.443	112	11327	0.241	ug/L	99
61) 1,2,3-Trichloropropane	11.809	75	17568	1.772	ug/L #	60
65) 1,4-Dichlorobenzene	11.832	146	23318	0.842	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	128635	4.809	ug/L	99

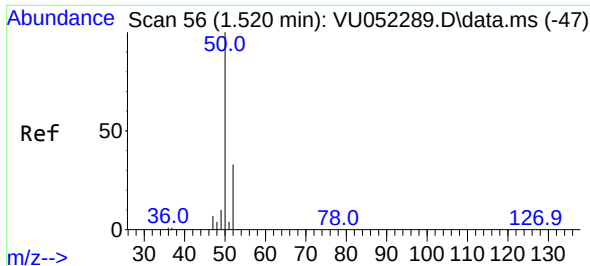
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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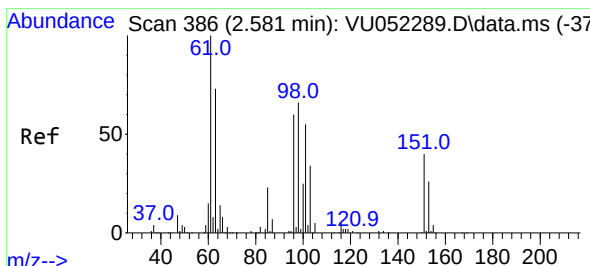
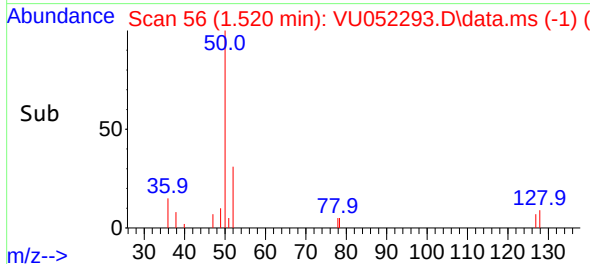
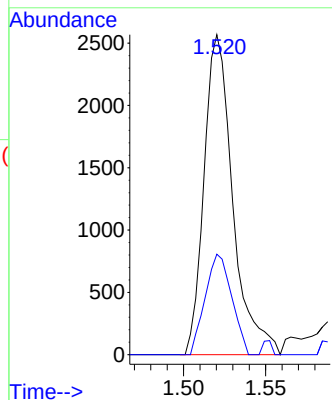
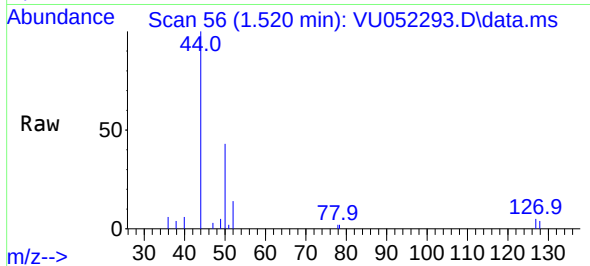




#3
Chloromethane
Concen: 0.127 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU052293.D
Acq: 09 Dec 2022 11:50

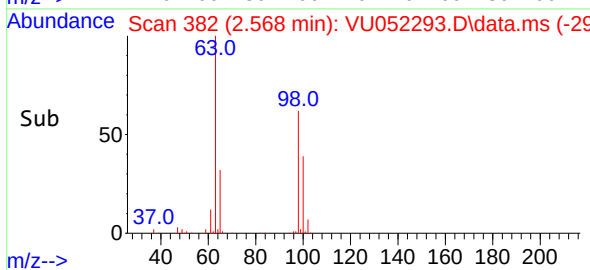
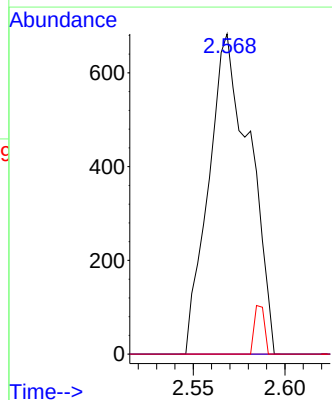
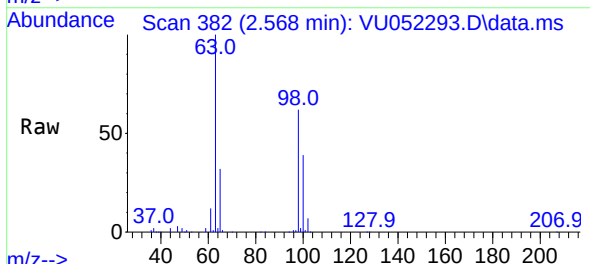
Instrument :
MSVOA_U
ClientSampleId :

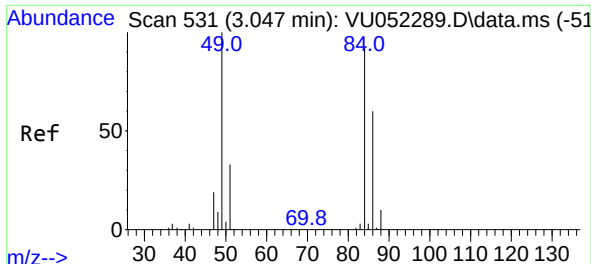
Tgt Ion: 50 Resp: 3121
Ion Ratio Lower Upper
50 100
52 31.4 23.4 43.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.067 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU052293.D
Acq: 09 Dec 2022 11:50

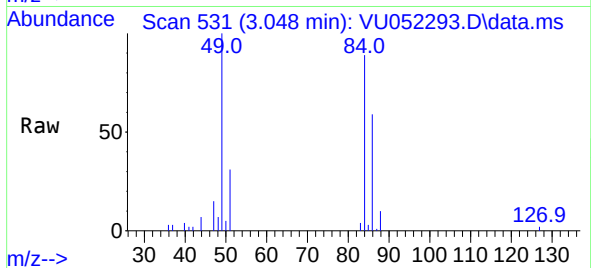
Tgt Ion: 101 Resp: 1070
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 3.6 58.6 88.0#



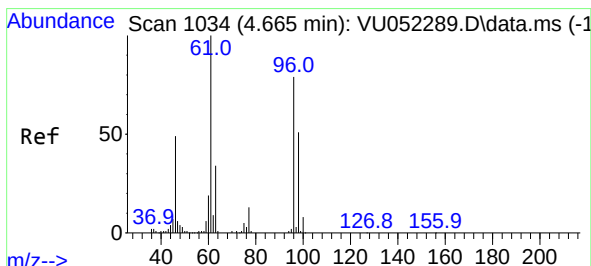
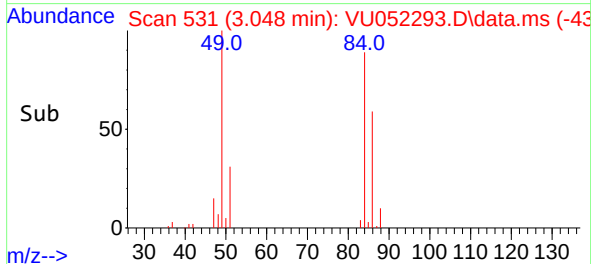
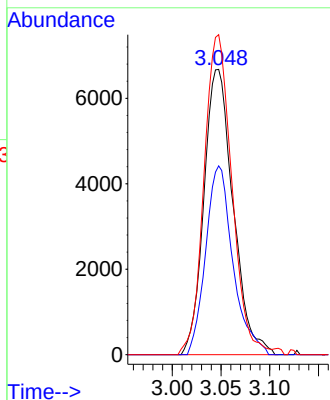


#16
Methylene chloride
Concen: 0.654 ug/L
RT: 3.048 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU052293.D
Acq: 09 Dec 2022 11:50

Instrument :
MSVOA_U
ClientSampleId :

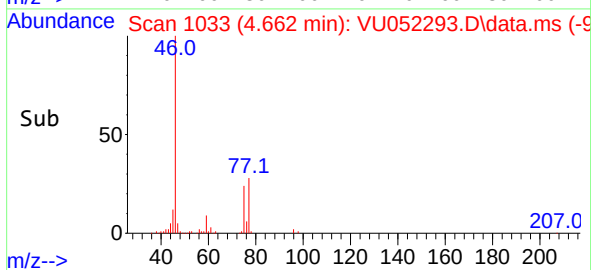
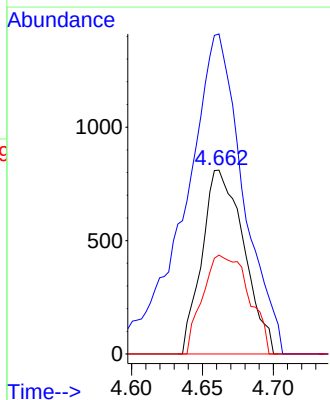
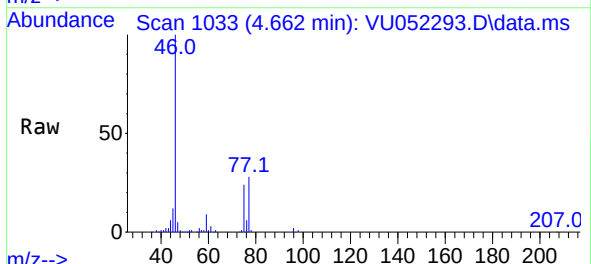


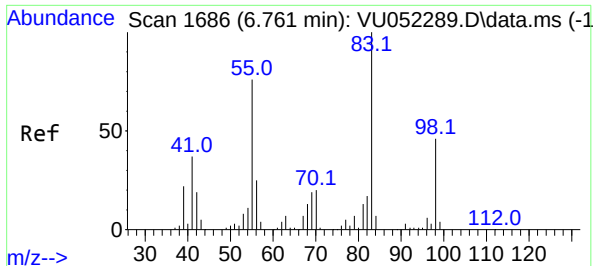
Tgt Ion: 84 Resp: 13928
Ion Ratio Lower Upper
84 100
86 66.2 43.8 81.4
49 112.2 75.9 141.1



#22
cis-1,2-Dichloroethene
Concen: 0.094 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. -0.003 min
Lab File: VU052293.D
Acq: 09 Dec 2022 11:50

Tgt Ion: 96 Resp: 1663
Ion Ratio Lower Upper
96 100
61 174.0 85.1 158.1#
98 53.8 42.8 79.6

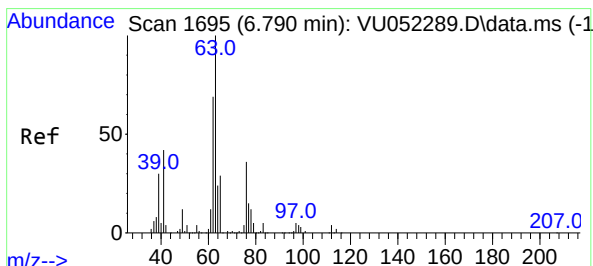
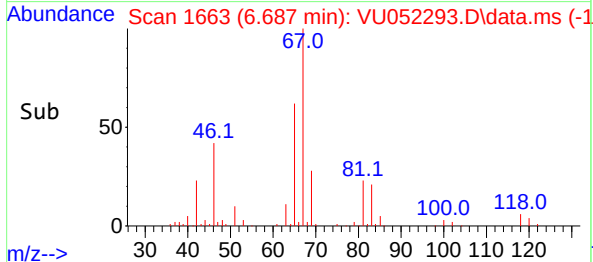
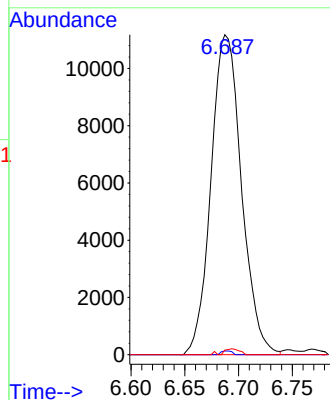
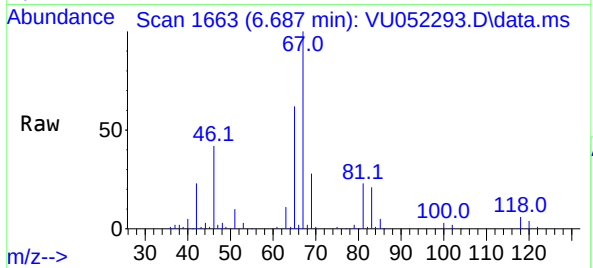




#35
Methylcyclohexane
Concen: 0.857 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052293.D
Acq: 09 Dec 2022 11:50

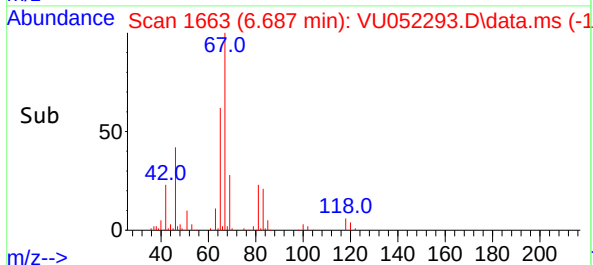
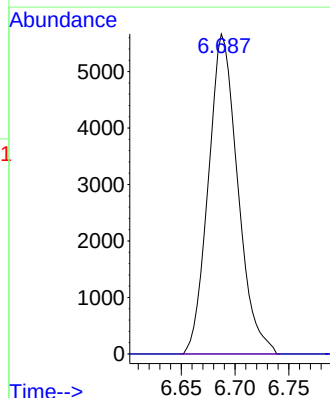
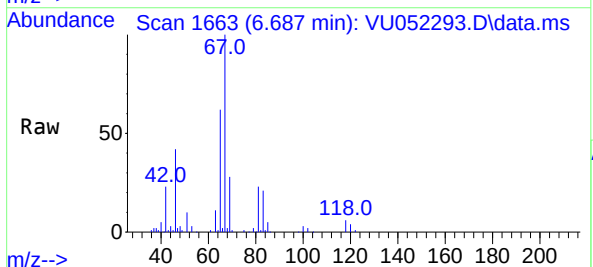
Instrument :
MSVOA_U
ClientSampleId :

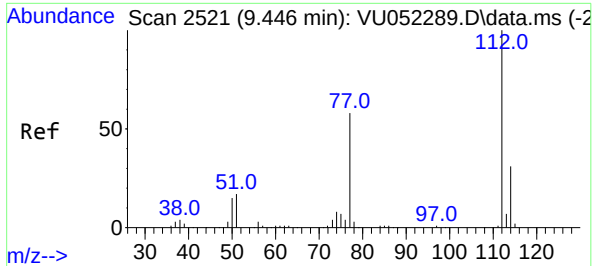
Tgt Ion: 83 Resp: 22055
Ion Ratio Lower Upper
83 100
55 0.4 60.8 91.2#
98 0.9 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.580 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU052293.D
Acq: 09 Dec 2022 11:50

Tgt Ion: 63 Resp: 10768
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

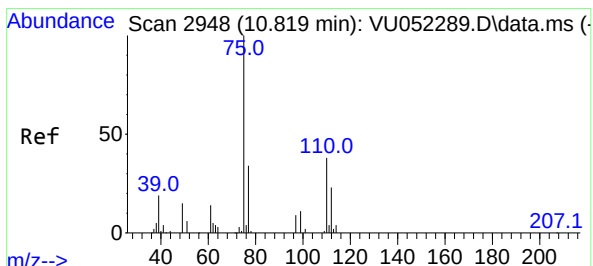
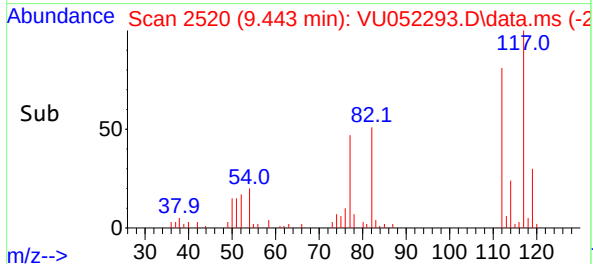
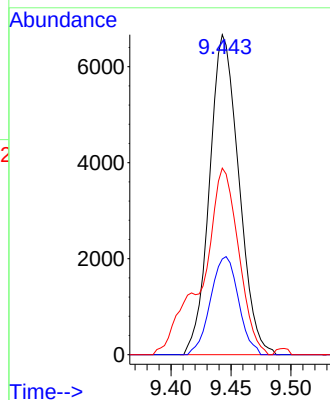
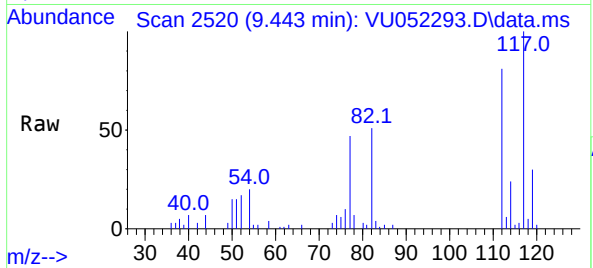




#51
Chlorobenzene
Concen: 0.241 ug/L
RT: 9.443 min Scan# 211
Delta R.T. -0.003 min
Lab File: VU052293.D
Acq: 09 Dec 2022 11:50

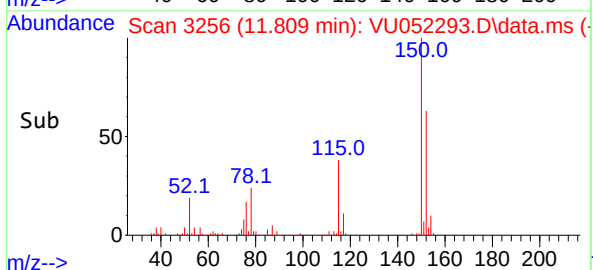
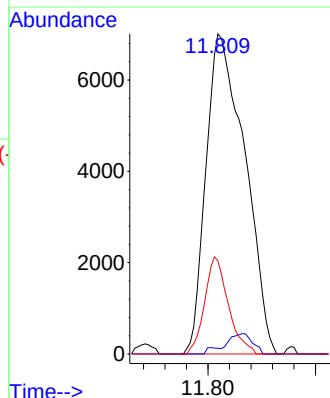
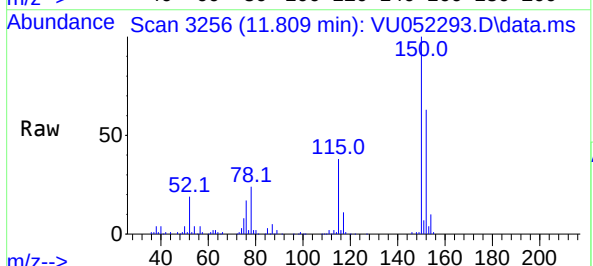
Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:112 Resp: 11327
Ion Ratio Lower Upper
112 100
114 29.9 22.2 41.2
77 58.3 46.6 70.0



#61
1,2,3-Trichloropropane
Concen: 1.772 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU052293.D
Acq: 09 Dec 2022 11:50

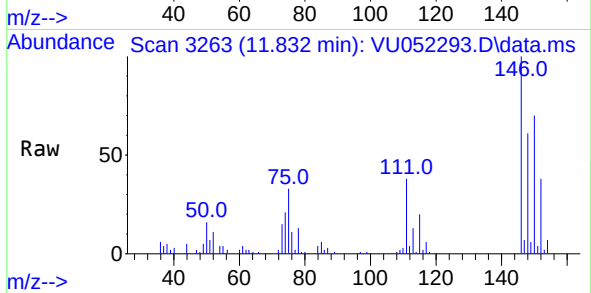
Tgt Ion: 75 Resp: 17568
Ion Ratio Lower Upper
75 100
110 3.8 28.3 42.5#
77 18.5 26.2 39.2#



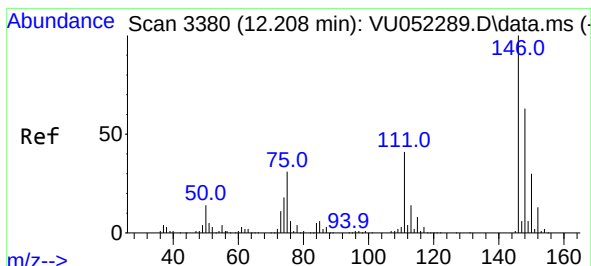
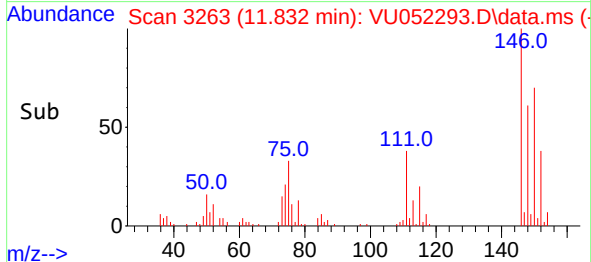
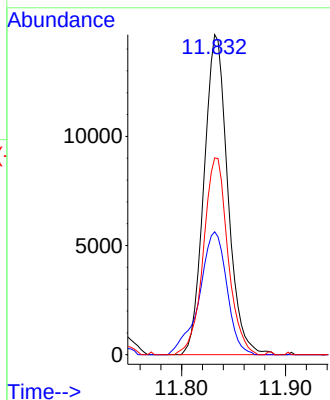


#65
1,4-Dichlorobenzene
Concen: 0.842 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU052293.D
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Instrument :
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ClientSampleId :



Tgt Ion:146 Resp: 23318
Ion Ratio Lower Upper
146 100
111 38.4 26.9 50.1
148 61.5 45.1 83.7



#67
1,2-Dichlorobenzene
Concen: 4.809 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. 0.000 min
Lab File: VU052293.D
Acq: 09 Dec 2022 11:50

Tgt Ion:146 Resp: 128635
Ion Ratio Lower Upper
146 100
111 41.9 32.7 49.1
148 63.7 50.6 75.8

