

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120822\
 Data File : VU052250.D
 Acq On : 08 Dec 2022 15:46
 Operator : JC/MD
 Sample : N5916-11DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5N29DL

Quant Time: Dec 08 22:32:31 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)

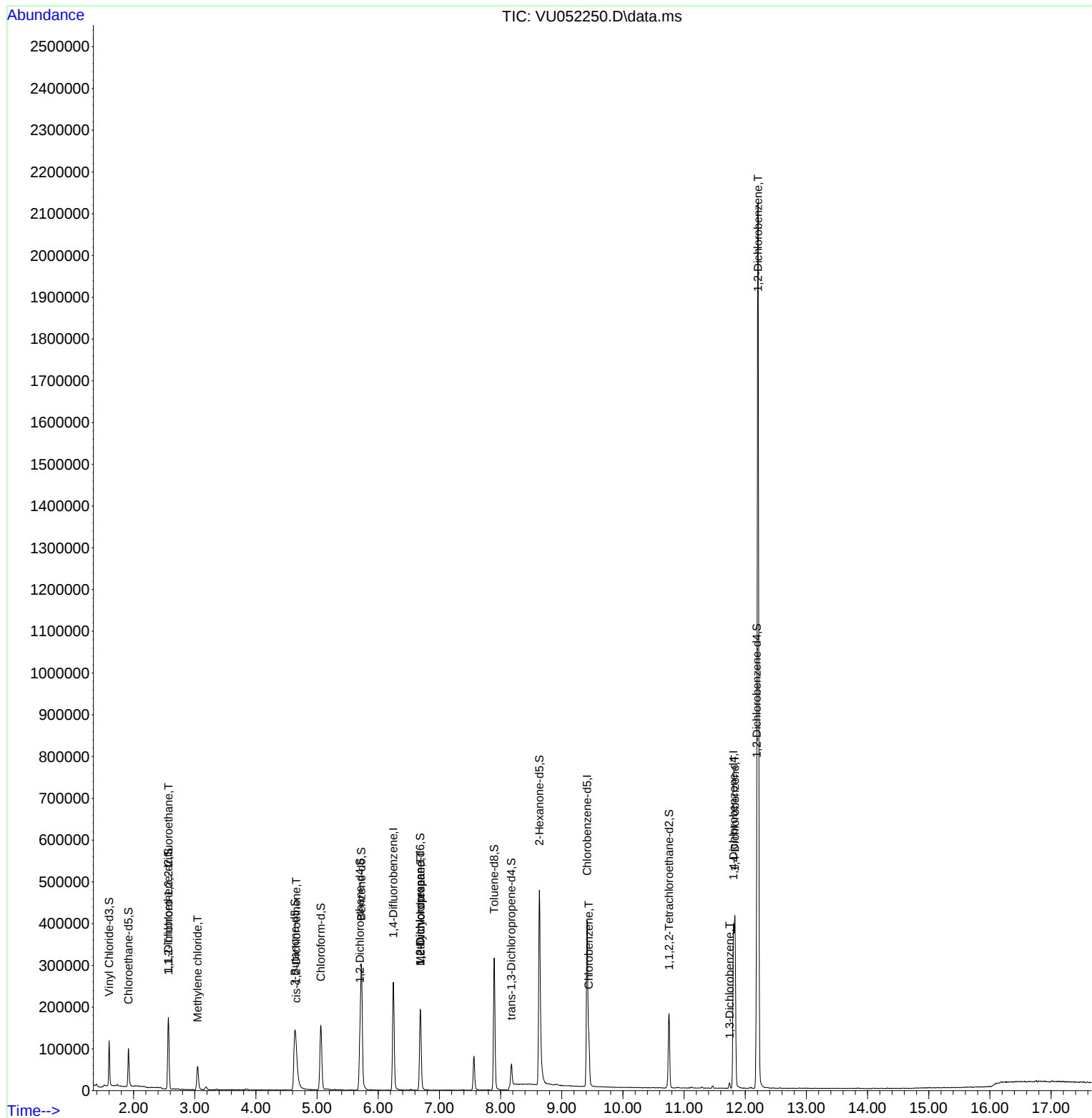
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	217141	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	227859	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	102384	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	77945	3.690	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.800%
7) Chloroethane-d5	1.916	69	71080	4.333	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.568	65	31882	4.211	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	4.636	46	225115	58.799	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.600%
24) Chloroform-d	5.060	84	150217	4.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.700	65	76931	4.908	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.726	84	297180	4.393	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.687	67	99788	4.767	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.896	98	221154	3.613	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.200%
43) trans-1,3-Dichloroprop...	8.176	79	29741	3.898	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.000%
46) 2-Hexanone-d5	8.635	63	157807	48.810	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.620%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	90922	5.009	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	96280	4.912	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1073	0.068	ug/L #	20
16) Methylene chloride	3.047	84	30055	1.410	ug/L	96
22) cis-1,2-Dichloroethene	4.661	96	6767	0.382	ug/L	96
35) Methylcyclohexane	6.690	83	22393	0.842	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	10710	0.558	ug/L #	89
51) Chlorobenzene	9.443	112	60073	1.235	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	6239	0.190	ug/L	86
65) 1,4-Dichlorobenzene	11.832	146	158004	4.825	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	861401	27.240	ug/L	99

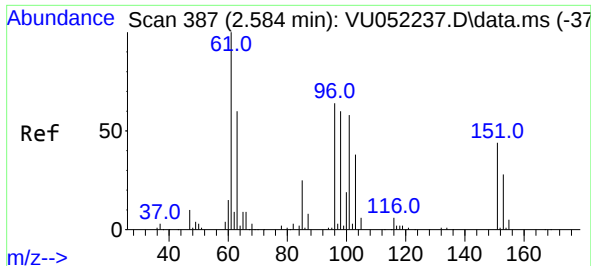
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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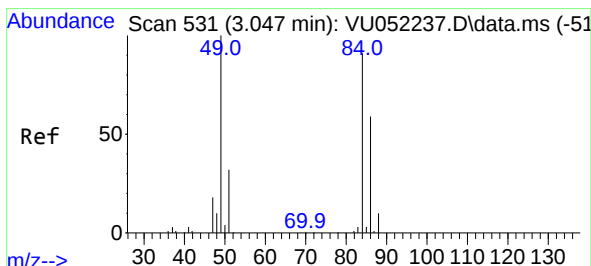
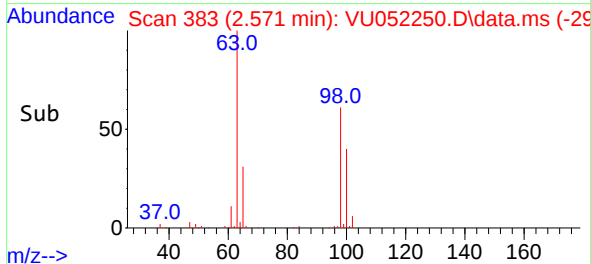
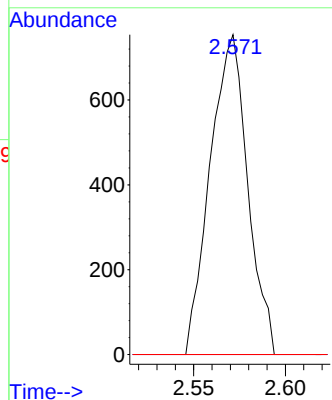
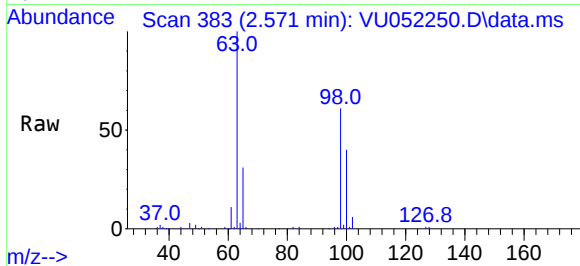




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.068 ug/L
RT: 2.571 min Scan# 387
Delta R.T. -0.010 min
Lab File: VU052250.D
Acq: 08 Dec 2022 15:46

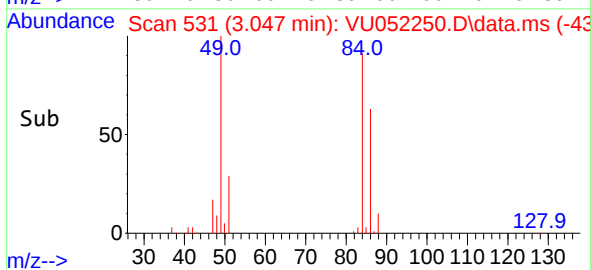
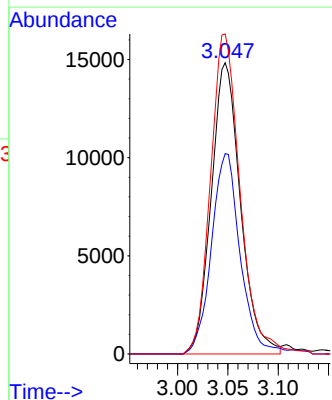
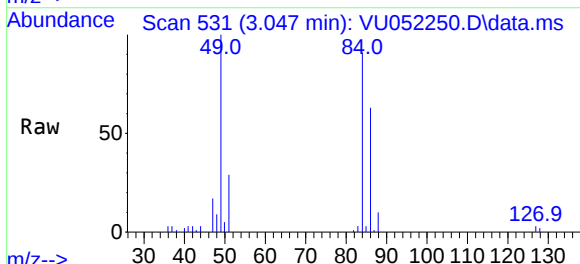
Instrument :
MSVOA_U
ClientSampleId :
F5N29DL

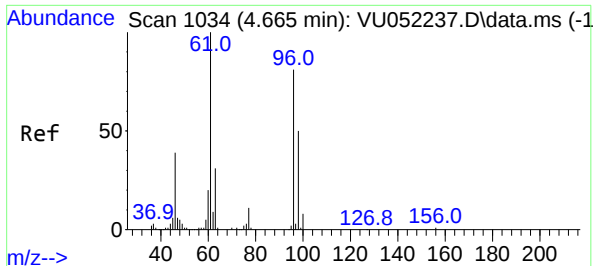
Tgt Ion:101 Resp: 1073
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#



#16
Methylene chloride
Concen: 1.410 ug/L
RT: 3.047 min Scan# 531
Delta R.T. -0.000 min
Lab File: VU052250.D
Acq: 08 Dec 2022 15:46

Tgt Ion: 84 Resp: 30055
Ion Ratio Lower Upper
84 100
86 68.8 43.8 81.4
49 109.9 75.9 141.1



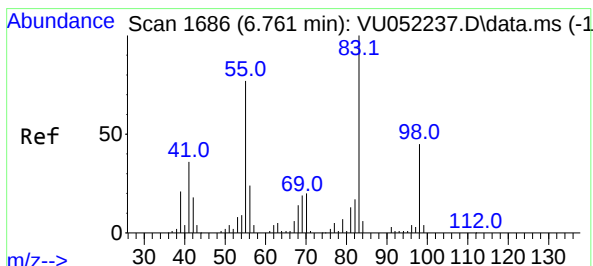
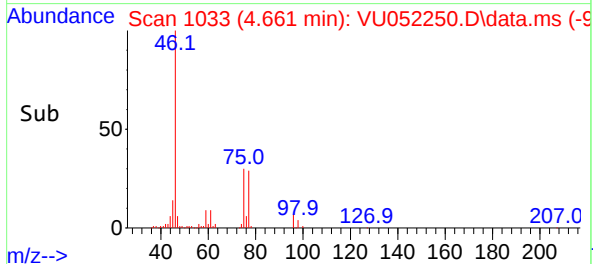
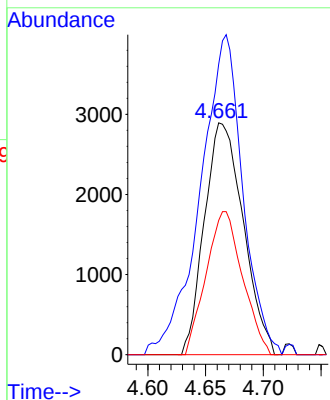
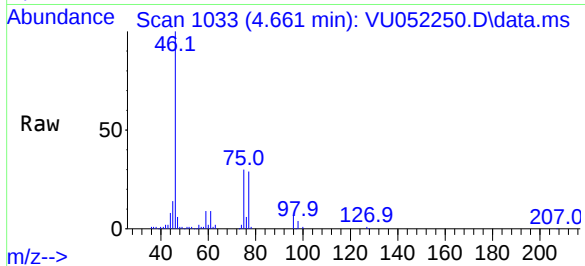


#22
 cis-1,2-Dichloroethene
 Concen: 0.382 ug/L
 RT: 4.661 min Scan# 1033
 Delta R.T. -0.003 min
 Lab File: VU052250.D
 Acq: 08 Dec 2022 15:46

Instrument :
 MSVOA_U
 ClientSampleId :
 F5N29DL

Tgt Ion: 96 Resp: 6767

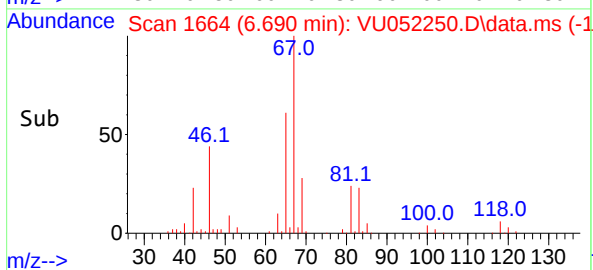
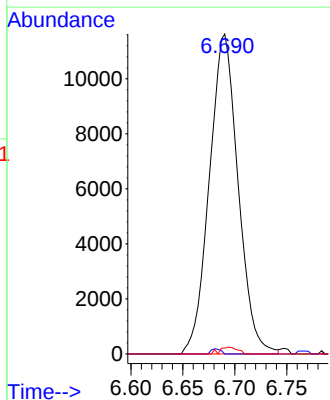
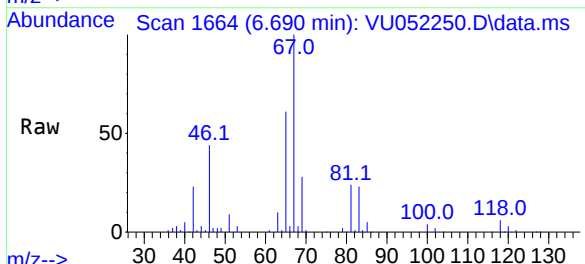
Ion	Ratio	Lower	Upper
96	100		
61	125.3	85.1	158.1
98	57.9	42.8	79.6

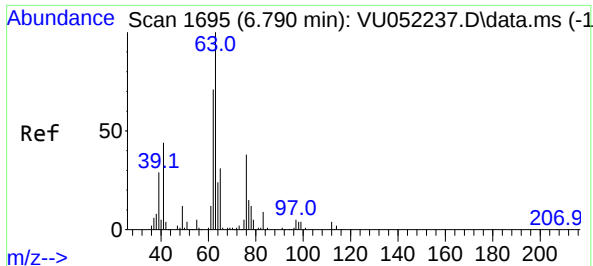


#35
 Methylcyclohexane
 Concen: 0.842 ug/L
 RT: 6.690 min Scan# 1664
 Delta R.T. -0.071 min
 Lab File: VU052250.D
 Acq: 08 Dec 2022 15:46

Tgt Ion: 83 Resp: 22393

Ion	Ratio	Lower	Upper
83	100		
55	0.5	60.8	91.2#
98	1.3	35.1	52.7#

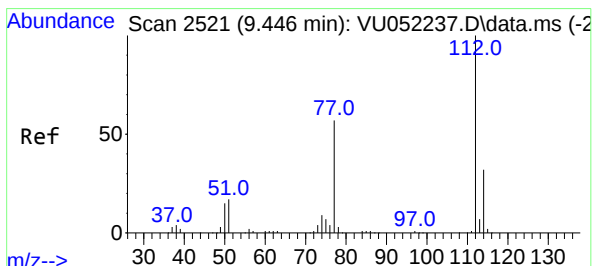
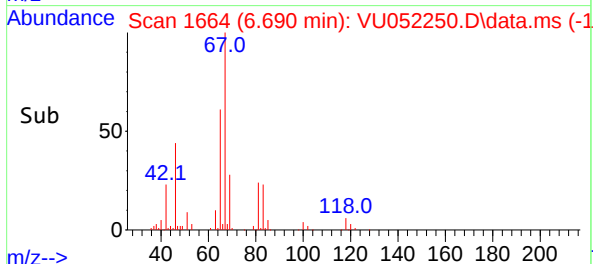
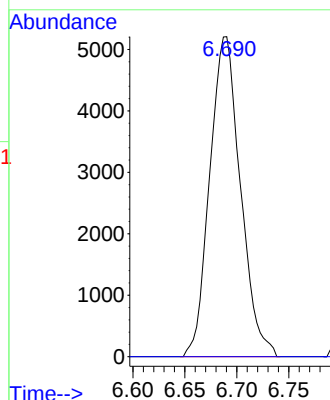
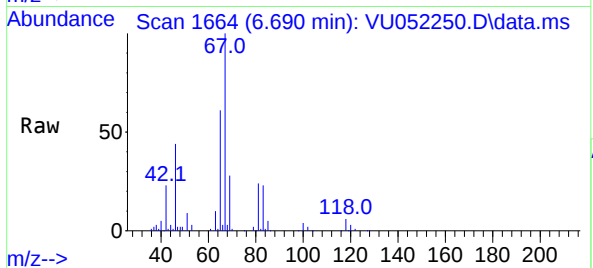




#37
1,2-Dichloropropane
Concen: 0.558 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU052250.D
Acq: 08 Dec 2022 15:46

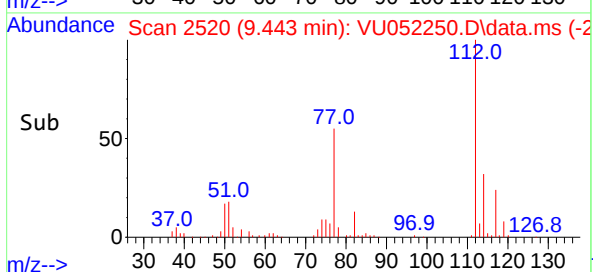
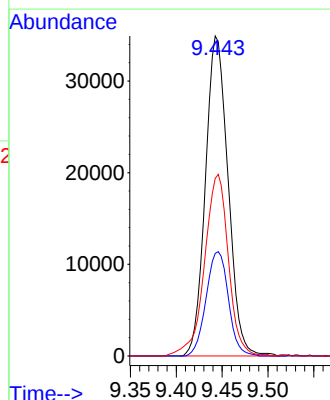
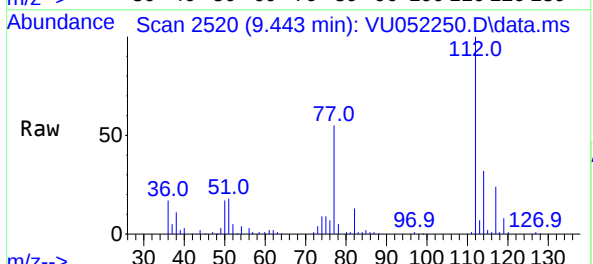
Instrument :
MSVOA_U
ClientSampleId :
F5N29DL

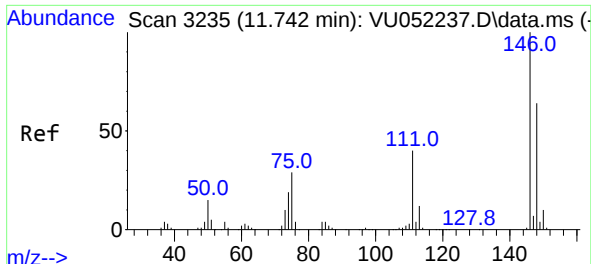
Tgt Ion: 63 Resp: 10710
Ion Ratio Lower Upper
63 100
112 0.5 3.3 4.9#



#51
Chlorobenzene
Concen: 1.235 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.003 min
Lab File: VU052250.D
Acq: 08 Dec 2022 15:46

Tgt Ion: 112 Resp: 60073
Ion Ratio Lower Upper
112 100
114 32.1 22.2 41.2
77 55.5 46.6 70.0

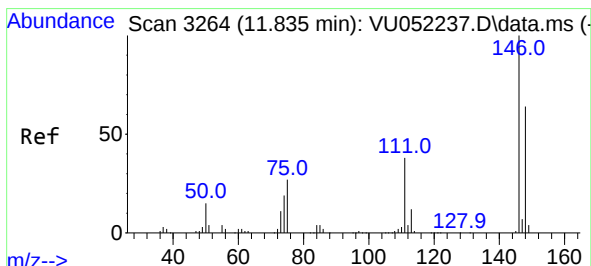
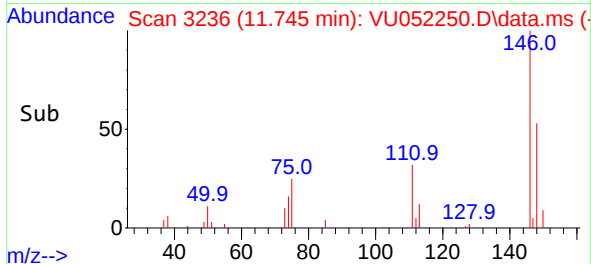
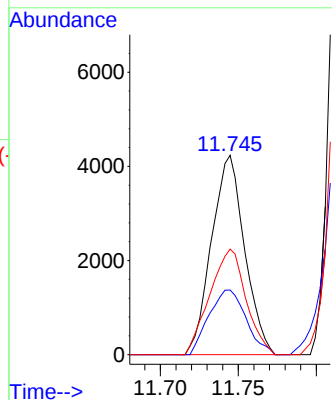
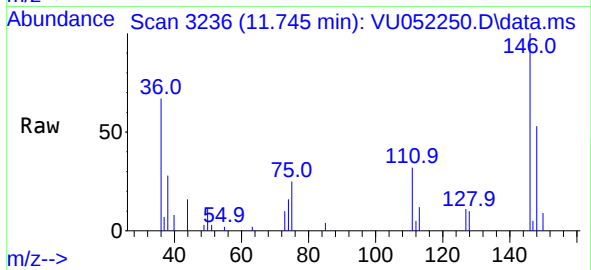




#64
 1,3-Dichlorobenzene
 Concen: 0.190 ug/L
 RT: 11.745 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU052250.D
 Acq: 08 Dec 2022 15:46

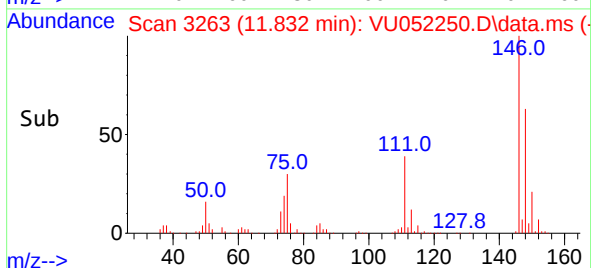
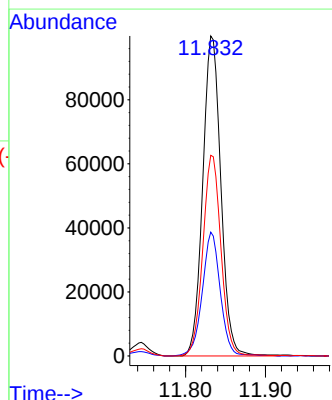
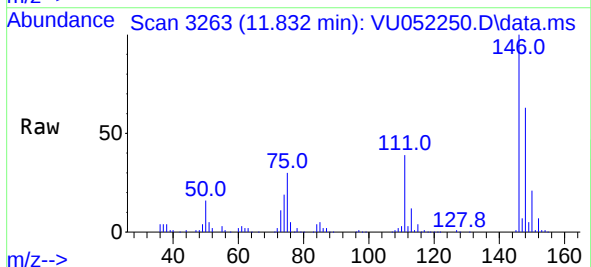
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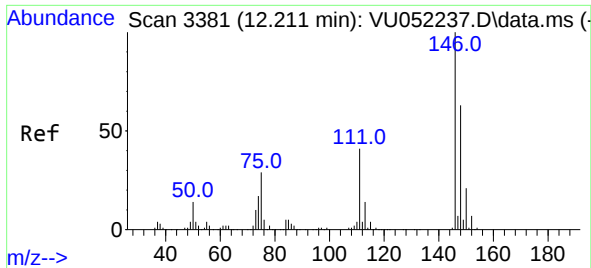
Tgt Ion:146 Resp: 6239
 Ion Ratio Lower Upper
 146 100
 111 32.5 28.6 53.2
 148 53.0 45.4 84.2



#65
 1,4-Dichlorobenzene
 Concen: 4.825 ug/L
 RT: 11.832 min Scan# 3263
 Delta R.T. -0.000 min
 Lab File: VU052250.D
 Acq: 08 Dec 2022 15:46

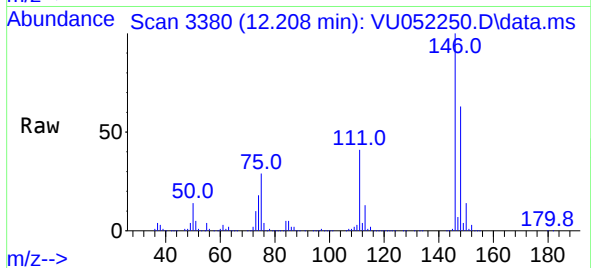
Tgt Ion:146 Resp: 158004
 Ion Ratio Lower Upper
 146 100
 111 38.7 26.9 50.1
 148 62.7 45.1 83.7





#67
 1,2-Dichlorobenzene
 Concen: 27.240 ug/L
 RT: 12.208 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU052250.D
 Acq: 08 Dec 2022 15:46

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:146 Resp: 861401

Ion	Ratio	Lower	Upper
146	100		
111	41.5	32.7	49.1
148	63.5	50.6	75.8

