

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072922\
 Data File : VU050040.D
 Acq On : 29 Jul 2022 16:44
 Operator : SY/MD
 Sample : N3825-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ25

Quant Time: Jul 30 01:43:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 30 01:40:38 2022
 Response via : Initial Calibration

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

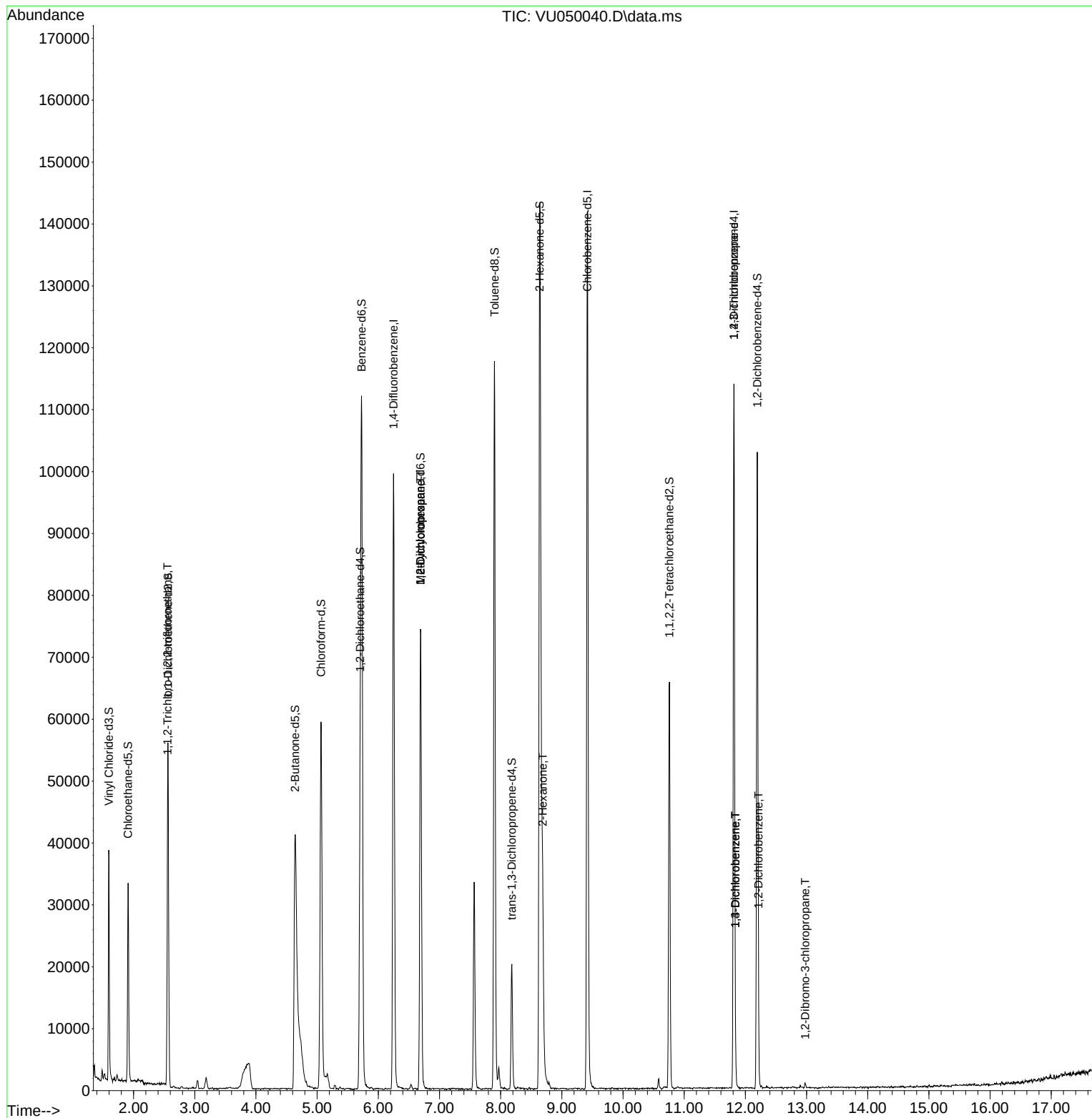
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	82883	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	83205	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	31488	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	26904	3.781	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.600%
7) Chloroethane-d5	1.909	69	23956	4.687	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.562	65	10507	4.284	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.600%
20) 2-Butanone-d5	4.639	46	79572	50.231	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.460%
24) Chloroform-d	5.063	84	56974	4.838	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.703	65	30843	5.198	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	5.729	84	107011	4.352	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.690	67	38835	4.821	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.899	98	83188	3.807	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
43) trans-1,3-Dichloroprop...	8.182	79	12580	4.456	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.639	63	47822	45.252	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.500%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	34974	5.168	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	28611	4.899	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.556	101	250	0.051	ug/L #	21
35) Methylcyclohexane	6.690	83	8622	1.107	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	3628	0.542	ug/L #	88
48) 2-Hexanone	8.687	43	15989	5.424	ug/L #	95
61) 1,2,3-Trichloropropane	11.812	75	4256	1.164	ug/L #	64
64) 1,3-Dichlorobenzene	11.835	146	1571	0.176	ug/L	88
65) 1,4-Dichlorobenzene	11.835	146	1571	0.178	ug/L	89
67) 1,2-Dichlorobenzene	12.214	146	1177	0.133	ug/L #	82
68) 1,2-Dibromo-3-chloropr...	12.980	75	155	0.215	ug/L #	7

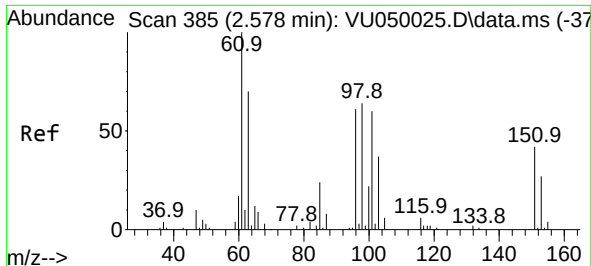
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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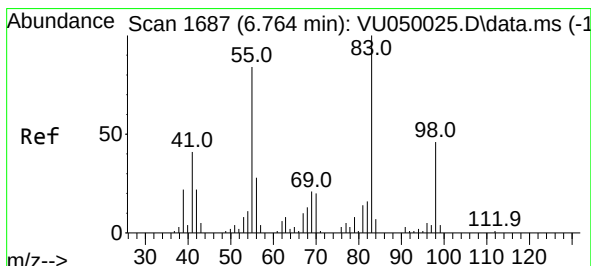
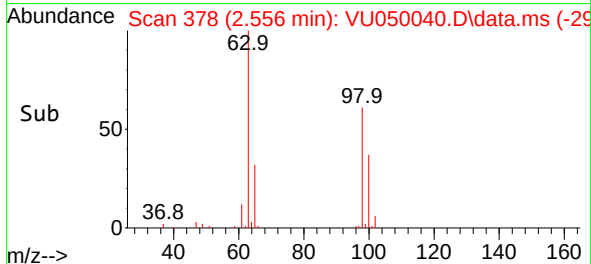
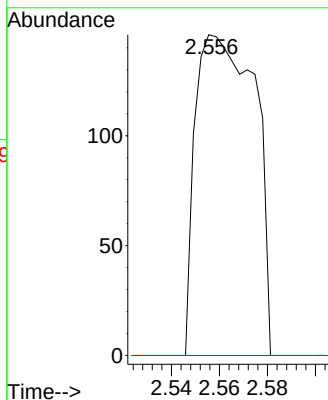
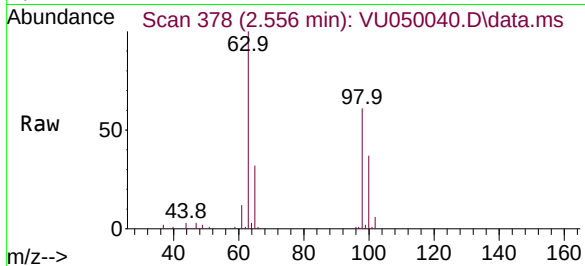




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.051 ug/L
RT: 2.556 min Scan# 31
Delta R.T. -0.023 min
Lab File: VU050040.D
Acq: 29 Jul 2022 16:44

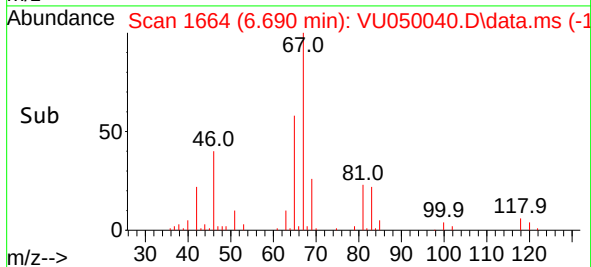
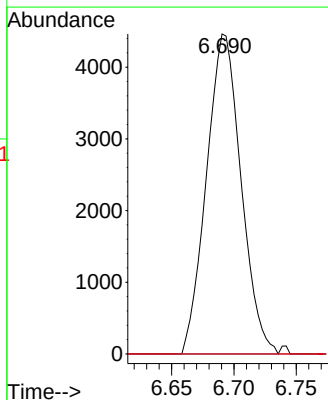
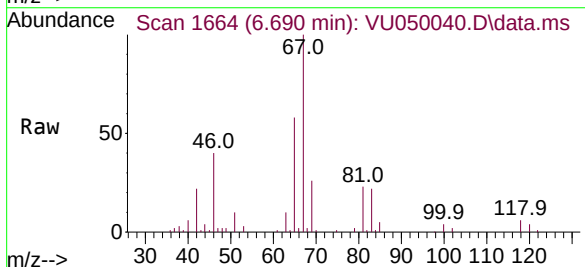
Instrument :
MSVOA_U
ClientSampleId :
GBJ25

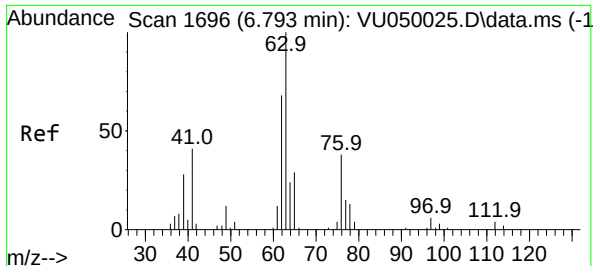
Tgt Ion:101 Resp: 250
Ion Ratio Lower Upper
101 100
85 0.0 34.1 51.1#
151 0.0 56.6 85.0#



#35
Methylcyclohexane
Concen: 1.107 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU050040.D
Acq: 29 Jul 2022 16:44

Tgt Ion: 83 Resp: 8622
Ion Ratio Lower Upper
83 100
55 0.0 61.6 92.4#
98 0.0 34.8 52.2#





#37

1,2-Dichloropropane

Concen: 0.542 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU050040.D

Acq: 29 Jul 2022 16:44

Instrument :

MSVOA_U

ClientSampleId :

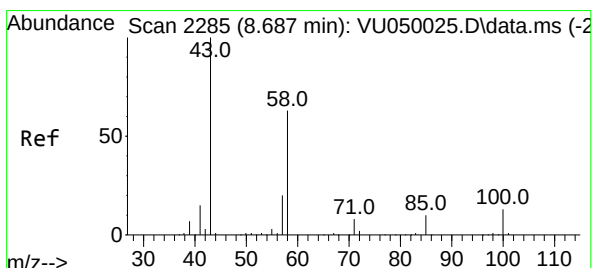
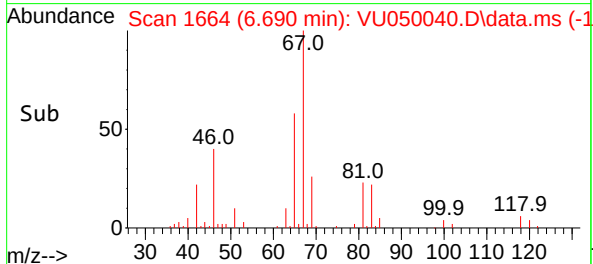
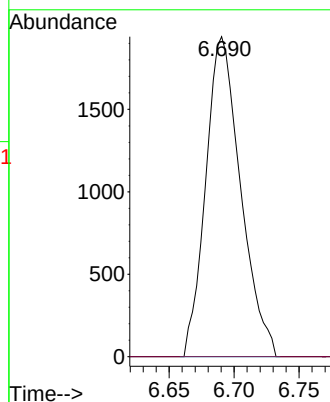
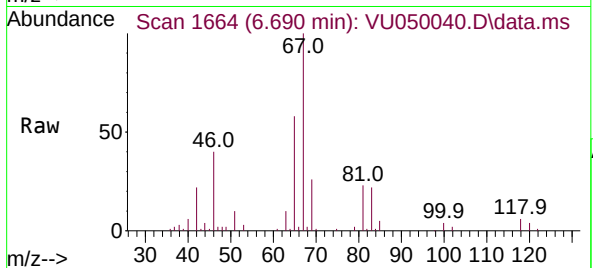
GBJ25

Tgt Ion: 63 Resp: 3628

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#48

2-Hexanone

Concen: 5.424 ug/L

RT: 8.687 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VU050040.D

Acq: 29 Jul 2022 16:44

Tgt Ion: 43 Resp: 15989

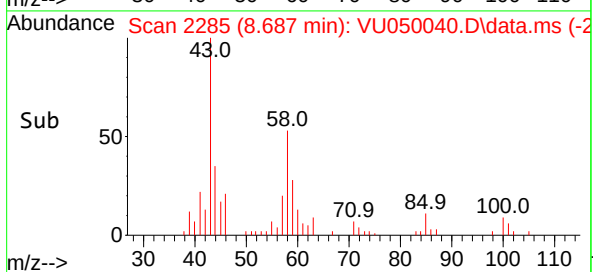
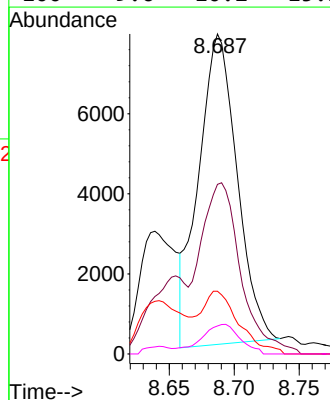
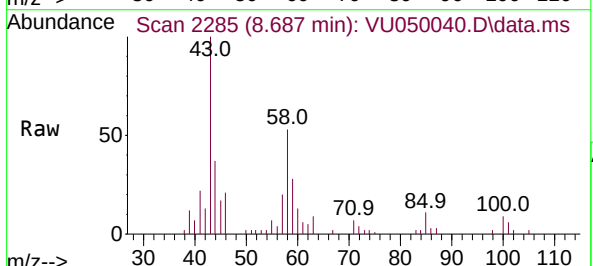
Ion Ratio Lower Upper

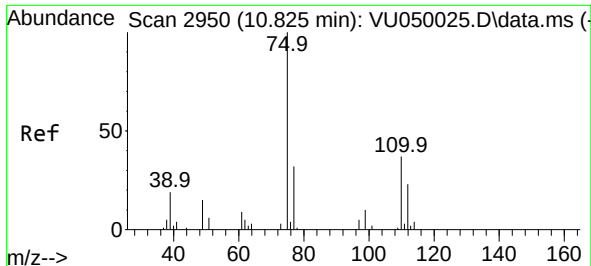
43 100

58 57.2 49.4 74.0

57 19.8 17.0 25.4

100 9.6 10.2 15.2#

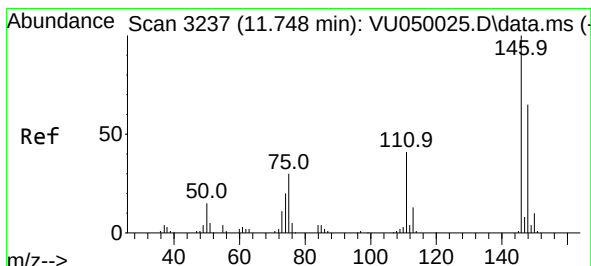
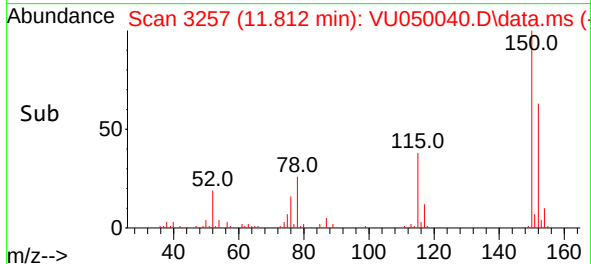
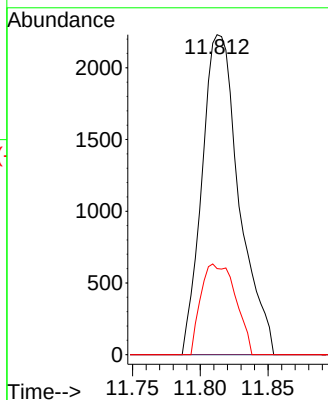
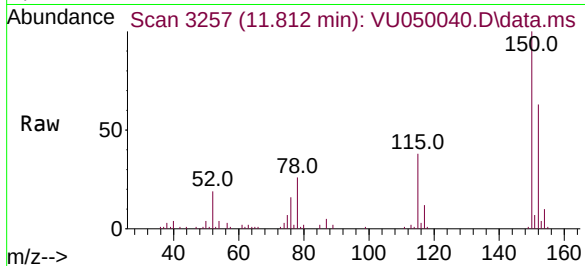




#61
1,2,3-Trichloropropane
Concen: 1.164 ug/L
RT: 11.812 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU050040.D
Acq: 29 Jul 2022 16:44

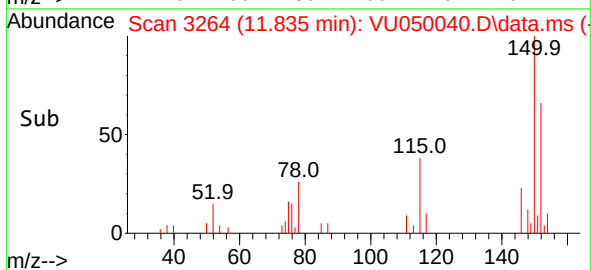
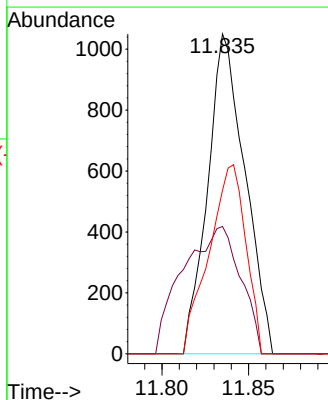
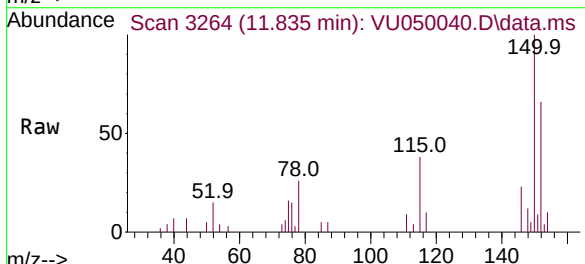
Instrument :
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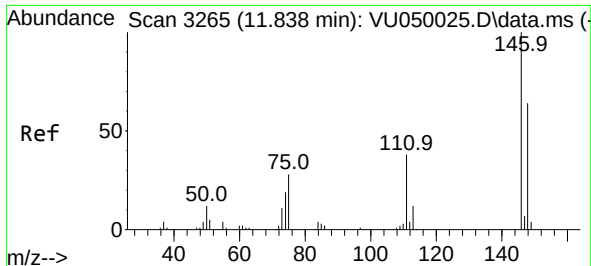
Tgt Ion: 75 Resp: 4256
Ion Ratio Lower Upper
75 100
110 0.0 28.1 42.1#
77 26.4 24.7 37.1



#64
1,3-Dichlorobenzene
Concen: 0.176 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.087 min
Lab File: VU050040.D
Acq: 29 Jul 2022 16:44

Tgt Ion:146 Resp: 1571
Ion Ratio Lower Upper
146 100
111 39.8 28.9 53.7
148 51.1 45.9 85.3

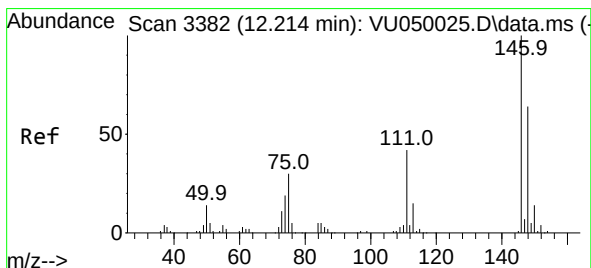
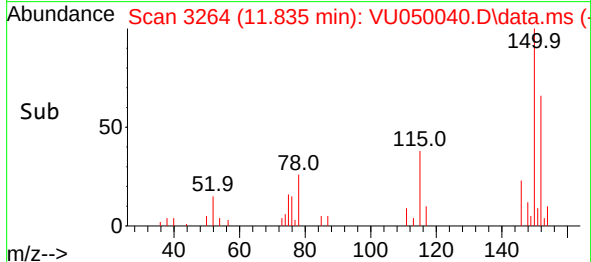
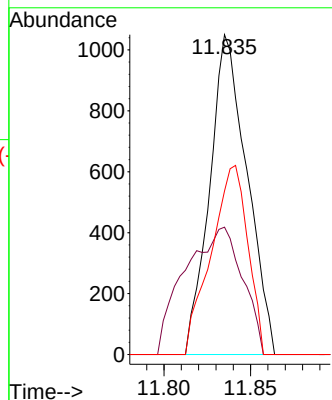
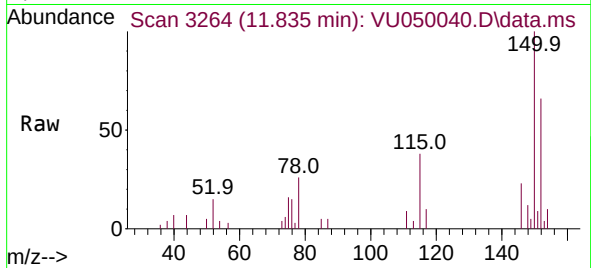




#65
1,4-Dichlorobenzene
Concen: 0.178 ug/L
RT: 11.835 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU050040.D
Acq: 29 Jul 2022 16:44

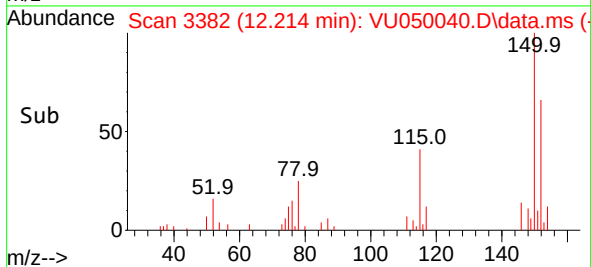
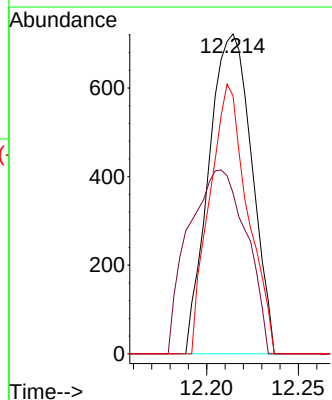
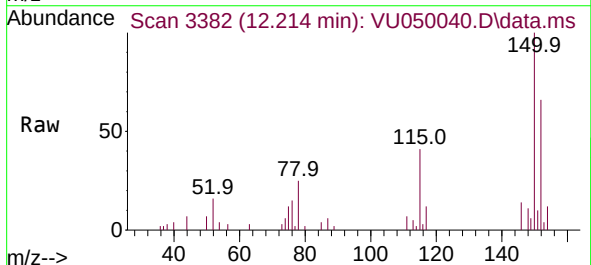
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ClientSampleId :
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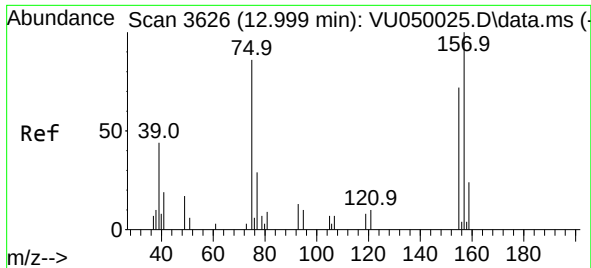
Tgt Ion:146 Resp: 1571
Ion Ratio Lower Upper
146 100
111 39.8 26.4 49.0
148 51.1 44.3 82.3



#67
1,2-Dichlorobenzene
Concen: 0.133 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU050040.D
Acq: 29 Jul 2022 16:44

Tgt Ion:146 Resp: 1177
Ion Ratio Lower Upper
146 100
111 50.3 33.4 50.2#
148 80.7 51.3 76.9#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.215 ug/L

RT: 12.980 min Scan# 30

Delta R.T. -0.019 min

Lab File: VU050040.D

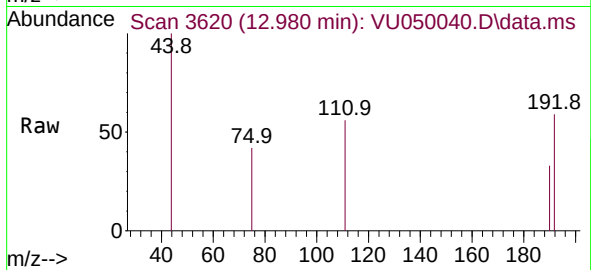
Acq: 29 Jul 2022 16:44

Instrument :

MSVOA_U

ClientSampleId :

GBJ25



Tgt Ion: 75 Resp: 155

Ion Ratio Lower Upper

75 100

155 0.0 59.4 89.0#

157 0.0 73.8 110.6#

