

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
 Data File : VU060797.D
 Acq On : 16 Sep 2024 22:15
 Operator : MD/SY
 Sample : P3967-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

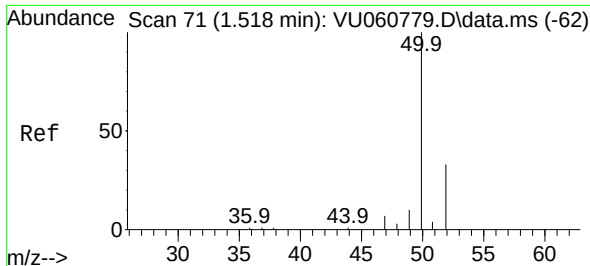
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 17 01:58:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 17 01:47:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	137887	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	145990	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	59969	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	58487	4.716	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.911	69	45982	5.207	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.200%
11) 1,1-Dichloroethene-d2	2.563	65	22094	5.026	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.600%
20) 2-Butanone-d5	4.634	46	98739	49.593	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.180%
24) Chloroform-d	5.055	84	95656	5.045	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.695	65	48164	5.315	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	5.721	84	193162	4.937	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.682	67	61941	5.116	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.891	98	161136	4.517	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	8.174	79	21685	4.976	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.600%
46) 2-Hexanone-d5	8.627	63	81093	47.173	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.340%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	49059	5.172	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	54948	5.453	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	5154	0.469	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	4119	0.434	ug/L	92
12) 1,1-Dichloroethene	2.576	96	8252	0.951	ug/L #	1
22) cis-1,2-Dichloroethene	4.666	96	2898	0.291	ug/L	88
34) Trichloroethene	6.541	95	8576	0.815	ug/L	93
35) Methylcyclohexane	6.685	83	13927	0.965	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	6456	0.584	ug/L #	93
47) Tetrachloroethene	8.550	164	6757	0.808	ug/L	91
49) Dibromochloromethane	8.547	129	6190	0.681	ug/L #	9
61) 1,2,3-Trichloropropane	11.804	75	6479	1.158	ug/L #	69
71) Naphthalene	13.460	128	3282	0.264	ug/L #	2

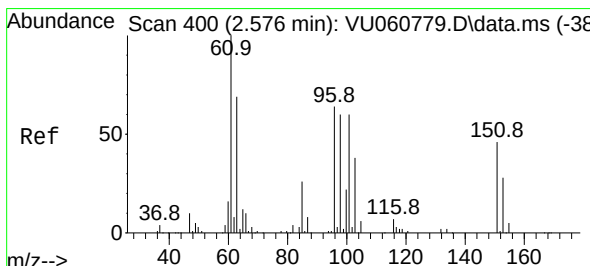
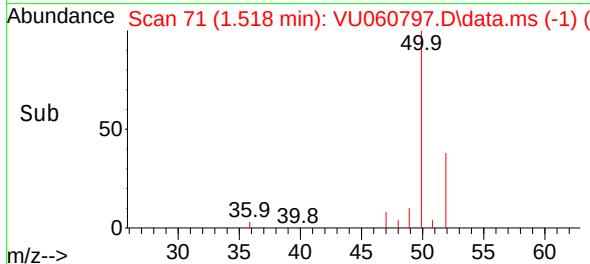
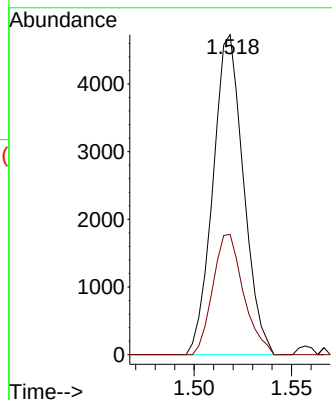
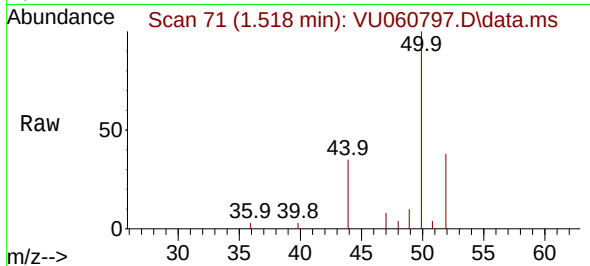
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.469 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU060797.D
Acq: 16 Sep 2024 22:15

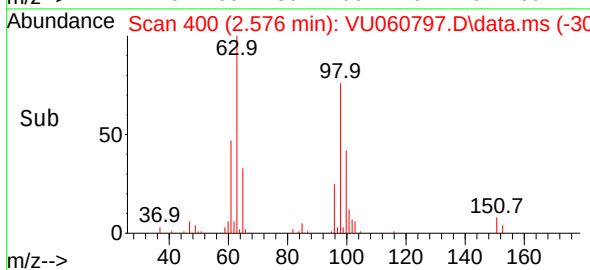
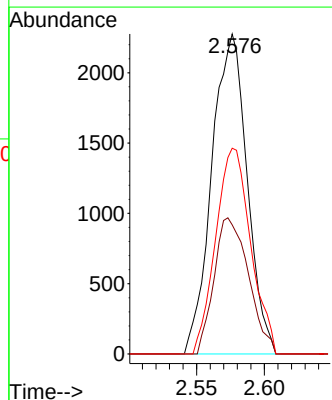
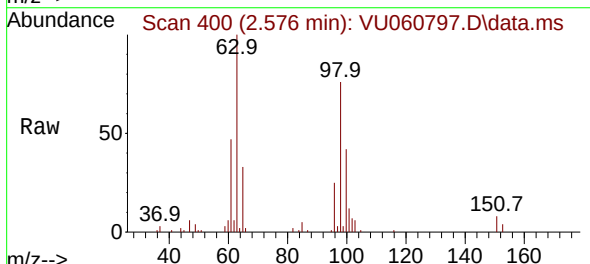
Instrument :
MSVOA_U
ClientSampleId :

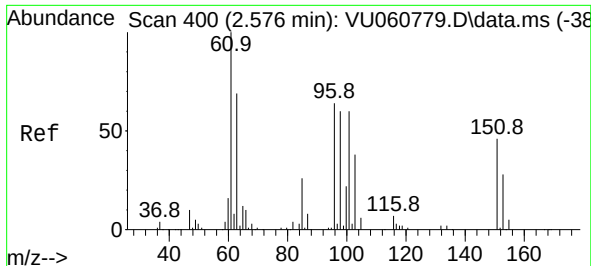
Tgt Ion: 50 Resp: 5154
Ion Ratio Lower Upper
50 100
52 37.6 24.4 45.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.434 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU060797.D
Acq: 16 Sep 2024 22:15

Tgt Ion:101 Resp: 4119
Ion Ratio Lower Upper
101 100
85 41.5 34.2 51.4
151 63.8 58.6 88.0

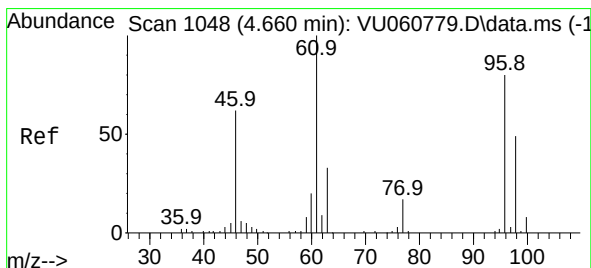
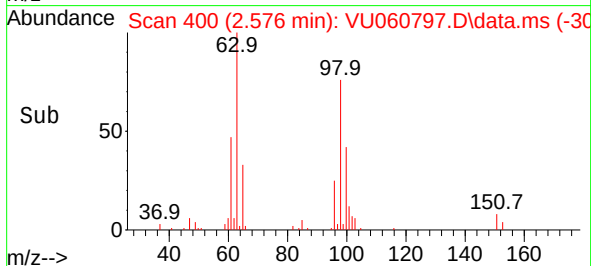
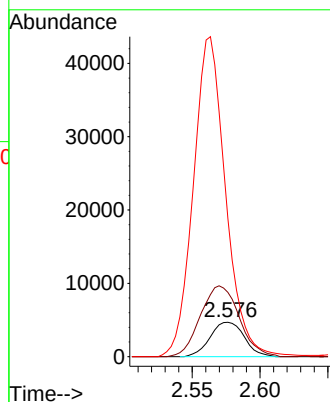
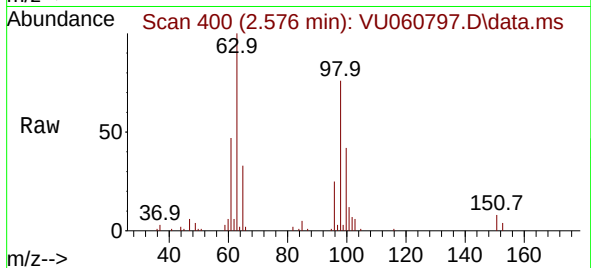




#12
1,1-Dichloroethene
Concen: 0.951 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU060797.D
Acq: 16 Sep 2024 22:15

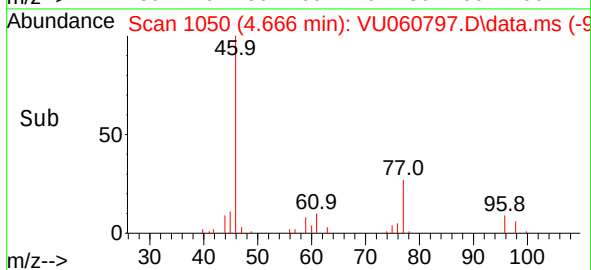
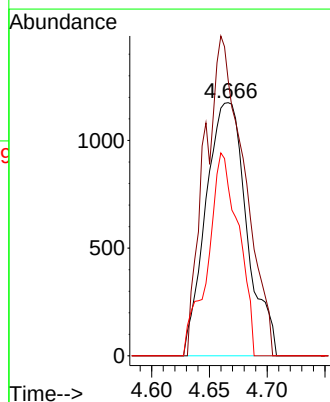
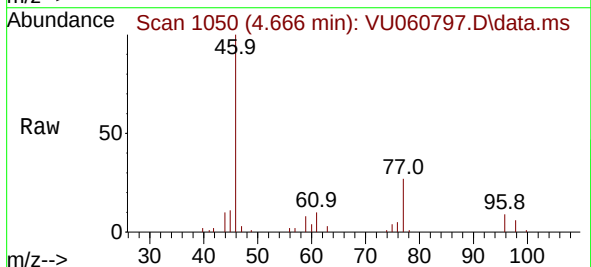
Instrument :
MSVOA_U
ClientSampleId :

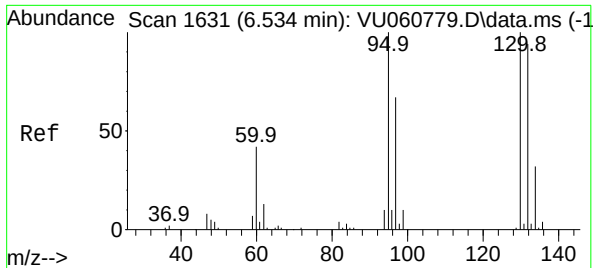
Tgt Ion: 96 Resp: 8252
Ion Ratio Lower Upper
96 100
61 187.2 120.7 224.1
63 402.0 90.0 167.2#



#22
cis-1,2-Dichloroethene
Concen: 0.291 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.007 min
Lab File: VU060797.D
Acq: 16 Sep 2024 22:15

Tgt Ion: 96 Resp: 2898
Ion Ratio Lower Upper
96 100
61 108.9 89.7 166.5
98 66.9 45.1 83.9



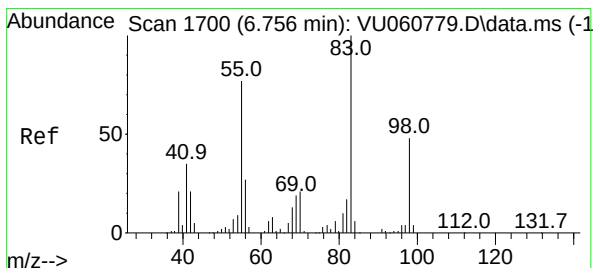
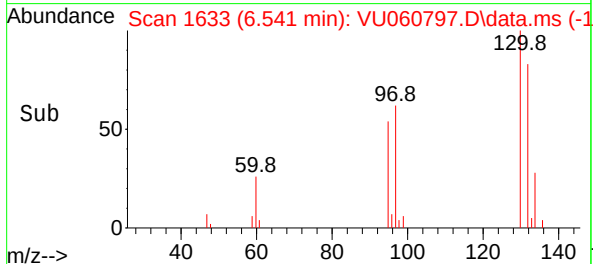
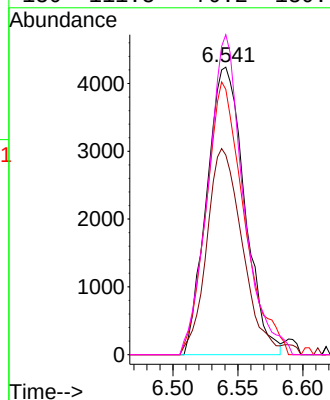
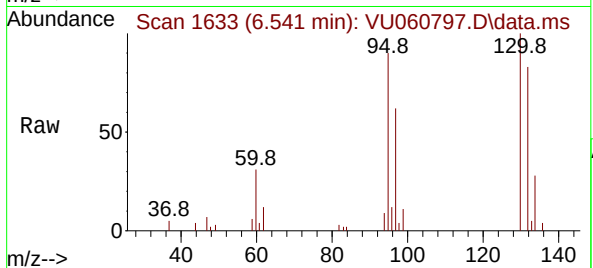


#34
Trichloroethene
Concen: 0.815 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.007 min
Lab File: VU060797.D
Acq: 16 Sep 2024 22:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 8576

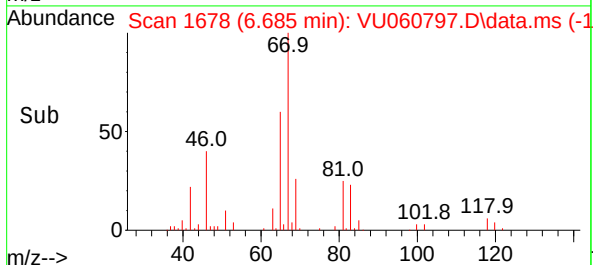
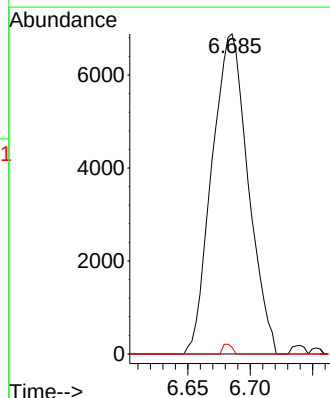
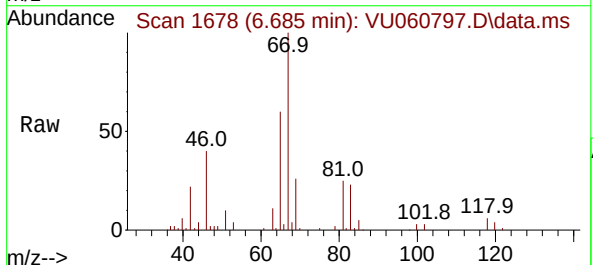
Ion	Ratio	Lower	Upper
95	100		
97	69.5	44.9	83.5
132	92.3	63.5	117.9
130	111.3	70.2	130.4

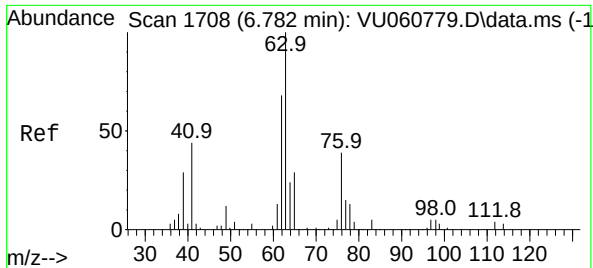


#35
Methylcyclohexane
Concen: 0.965 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU060797.D
Acq: 16 Sep 2024 22:15

Tgt Ion: 83 Resp: 13927

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	0.8	37.6	56.4#

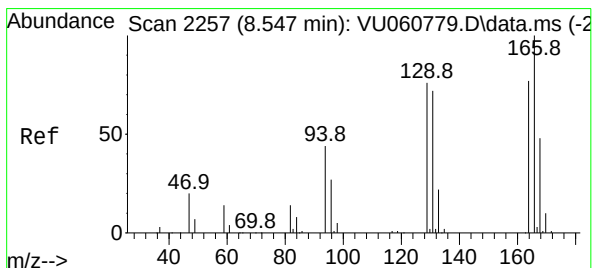
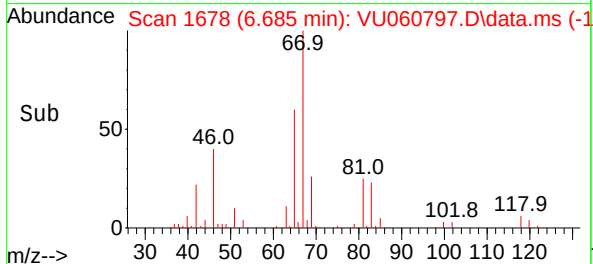
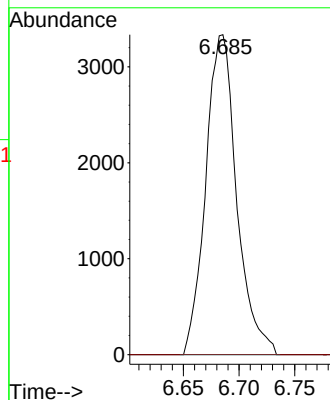
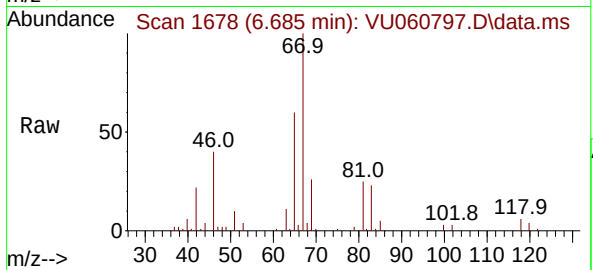




#37
1,2-Dichloropropane
Concen: 0.584 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU060797.D
Acq: 16 Sep 2024 22:15

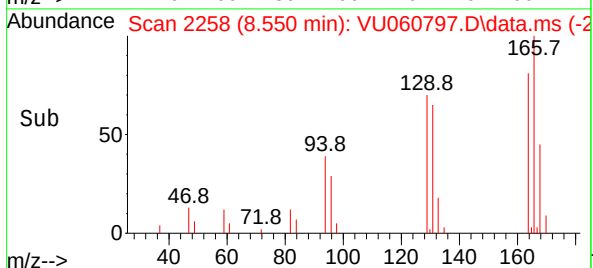
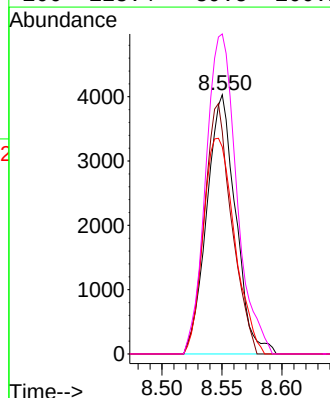
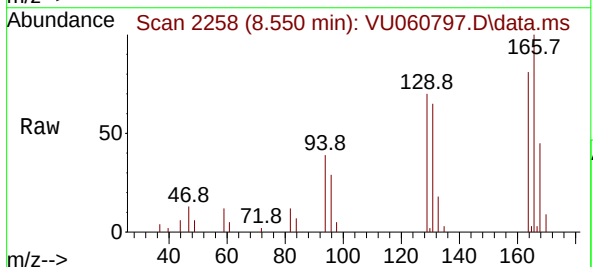
Instrument :
MSVOA_U
ClientSampleId :

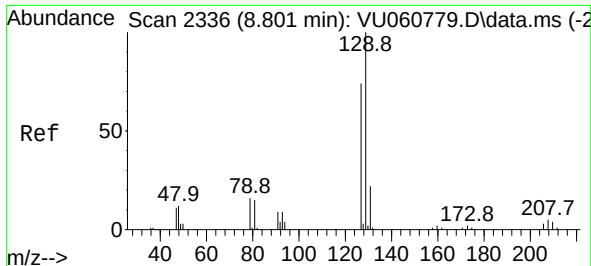
Tgt Ion: 63 Resp: 6456
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#



#47
Tetrachloroethene
Concen: 0.808 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU060797.D
Acq: 16 Sep 2024 22:15

Tgt Ion:164 Resp: 6757
Ion Ratio Lower Upper
164 100
129 85.8 67.3 124.9
131 79.9 65.4 121.4
166 123.4 89.5 166.1





#49

Dibromochloromethane

Concen: 0.681 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU060797.D

Acq: 16 Sep 2024 22:15

Instrument :

MSVOA_U

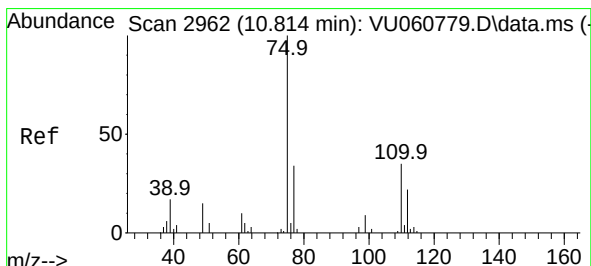
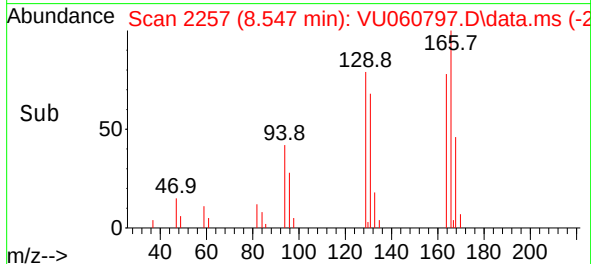
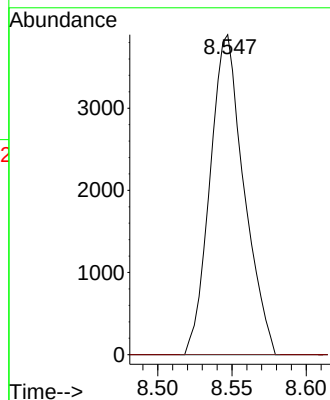
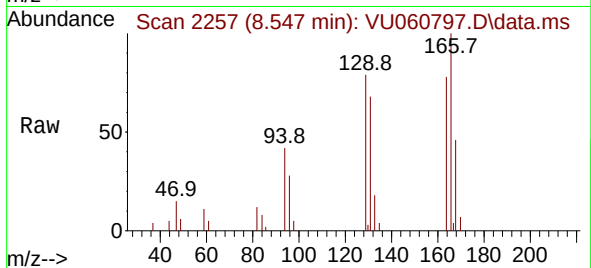
ClientSampleId :

Tgt Ion:129 Resp: 6190

Ion Ratio Lower Upper

129 100

127 0.0 56.1 104.1#



#61

1,2,3-Trichloropropane

Concen: 1.158 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.991 min

Lab File: VU060797.D

Acq: 16 Sep 2024 22:15

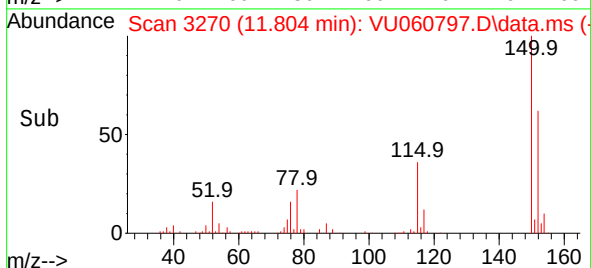
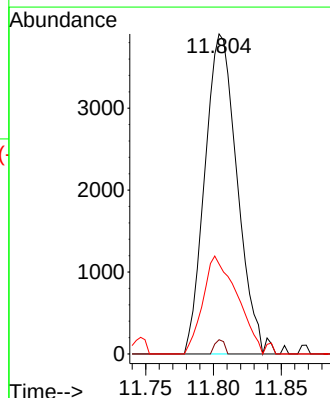
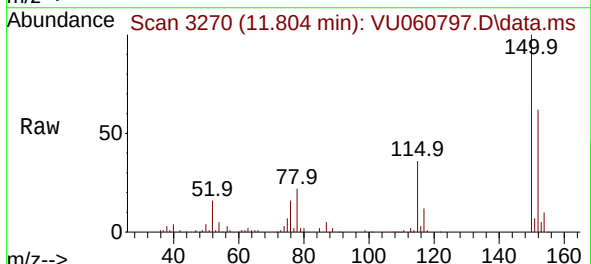
Tgt Ion: 75 Resp: 6479

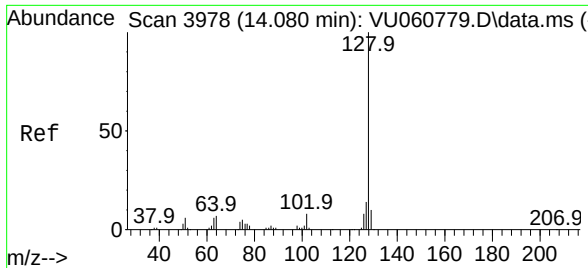
Ion Ratio Lower Upper

75 100

110 1.3 28.6 43.0#

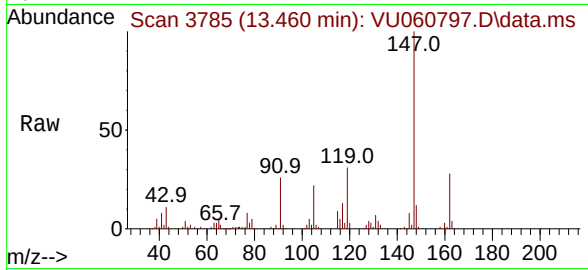
77 32.5 26.3 39.5





#71
Naphthalene
Concen: 0.264 ug/L
RT: 13.460 min Scan# 31
Delta R.T. -0.620 min
Lab File: VU060797.D
Acq: 16 Sep 2024 22:15

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	3282
Ion	Ratio	Lower	Upper
128	100		
129	62.2	8.3	12.5#
127	40.4	10.7	16.1#

