

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020524\
 Data File : VU057804.D
 Acq On : 05 Feb 2024 12:53
 Operator : MD/SY
 Sample : VSTDICC002
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/14/2024
 Supervised By : Mahesh Dadoda 02/14/2024

Quant Time: Feb 06 01:02:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U020524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 06 00:58:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.107	96	43934	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	15202	0.932	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	14090	0.964	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	28805	1.971	ug/l	99
3) Chloromethane	1.518	50	27793	1.972	ug/l	99
4) Vinyl Chloride	1.602	62	28663	2.000	ug/l	98
5) Bromomethane	1.853	94	17159	2.046	ug/l	98
6) Chloroethane	1.927	64	18772	2.081	ug/l	94
7) Trichlorofluoromethane	2.126	101	43203	2.057	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	22161	1.973	ug/l	97
9) 1,1-Dichloroethene	2.570	96	21552	1.991	ug/l	98
10) Iodomethane	2.711	142	33932	2.577	ug/l	94
11) Allyl Chloride	2.914	41	31704	2.118	ug/l	91
12) Acrylonitrile	3.313	53	9533	4.979	ug/l	# 88
13) Acetone	2.631	43	41113	12.344	ug/l	90
14) Carbon Disulfide	2.782	76	68229	1.965	ug/l	98
15) Methylene Chloride	3.036	84	27205	2.092	ug/l	98
16) trans-1,2-Dichloroethene	3.341	96	23535	1.992	ug/l	98
17) 1,1-Dichloroethane	3.859	63	47120	2.088	ug/l	98
18) 2-Butanone	4.714	43	44699	12.267	ug/l	99
19) Cyclohexane	5.370	56	36305	2.045	ug/l	93
20) Methylcyclohexane	6.753	83	42574	2.007	ug/l	96
21) 2,2-Dichloropropane	4.650	77	41205	2.071	ug/l	94
22) cis-1,2-Dichloroethene	4.657	96	24913	1.932	ug/l	88
23) Diethyl Ether	2.367	59	16918	2.138	ug/l	98
24) tert-Butyl Alcohol	3.213	59	10881	13.431	ug/l	# 1
25) Methyl tert-Butyl Ether	3.358	73	53601	2.084	ug/l	# 92
26) Bromochloromethane	4.962	128	9965	1.924	ug/l	91
27) Chloroform	5.078	83	46896	2.015	ug/l	97
28) 1,1,1-Trichloroethane	5.306	97	42160	2.014	ug/l	99
29) 1,1-Dichloropropene	5.515	75	34803	2.046	ug/l	94
30) Carbon Tetrachloride	5.512	117	35768	1.978	ug/l	98
31) Isopropyl Ether	3.988	45	71100	2.133	ug/l	95
32) Ethyl-t-butyl ether	4.502	59	69392	2.242	ug/l	97
33) Tert-Amyl methyl ether	5.943	73	58506	2.242	ug/l	99
34) Propionitrile	4.785	54	9077	12.059	ug/l	# 1
35) Benzene	5.766	78	97808	1.993	ug/l	99
36) 1,2-Dichloroethane	5.788	62	28822	2.012	ug/l	98
37) Trichloroethene	6.534	130	24899	1.921	ug/l	95
38) 1,2-Dichloropropane	6.785	63	25859	2.021	ug/l	96
39) Methacrylonitrile	4.978	41	6977	2.265	ug/l	89
40) Methyl acrylate	4.849	55	11129	2.416	ug/l	98
41) Tetrahydrofuran	5.062	42	7186	4.437	ug/l	99
42) 1-Chlorobutane	5.448	56	44481	1.979	ug/l	94
43) Dibromomethane	6.914	93	12035	2.055	ug/l	96
44) Bromodichloromethane	7.103	83	32058	1.957	ug/l	96

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 Sample : VSTDICC002
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	65874	10.968	ug/l	99
46) t-1,4-Dichloro-2-butene	10.840	75	6783m	4.008	ug/l	
47) Methyl methacrylate	6.965	69	21926	4.210	ug/l	96
48) Ethyl methacrylate	8.335	69	21155	2.042	ug/l	97
49) Toluene	7.965	92	59047	1.972	ug/l	99
50) t-1,3-Dichloropropene	8.209	75	29134	2.048	ug/l	100
51) cis-1,3-Dichloropropene	7.605	75	36051	2.010	ug/l	95
52) 1,1,2-Trichloroethane	8.399	97	16314	2.015	ug/l	96
53) 1,3-Dichloropropane	8.573	76	30006	2.056	ug/l	100
54) 2-Hexanone	8.689	43	64086	11.280	ug/l	96
55) Dibromochloromethane	8.807	129	18977	1.904	ug/l	99
56) 1,2-Dibromoethane	8.920	107	15497	2.085	ug/l	100
58) Tetrachloroethene	8.547	164	22175	1.939	ug/l	98
59) Chlorobenzene	9.441	112	64926	1.971	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.531	131	22625	2.017	ug/l	96
61) Pentachloroethane	11.422	117	16815	2.086	ug/l	95
62) Hexachloroethane	12.470	117	18665	2.096	ug/l	96
63) Ethyl Benzene	9.566	91	115472	1.970	ug/l	99
64) m/p-Xylenes	9.688	106	85662	4.027	ug/l	99
65) o-Xylene	10.097	106	42994	2.043	ug/l	97
66) Styrene	10.113	104	63155	2.007	ug/l	94
67) Bromoform	10.287	173	9561	1.885	ug/l	99
69) Isopropylbenzene	10.479	105	110439	2.003	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.778	83	19465	1.942	ug/l	98
71) 1,2,3-Trichloropropane	10.823	75	18397m	2.240	ug/l	
72) Bromobenzene	10.778	156	24384	2.023	ug/l	98
73) n-propylbenzene	10.901	120	28954	2.080	ug/l	98
74) 2-Chlorotoluene	10.981	126	25550	1.998	ug/l	99
75) 1,3,5-Trimethylbenzene	11.084	105	94515	1.992	ug/l	98
76) 4-Chlorotoluene	11.094	126	26285	2.039	ug/l	100
77) tert-Butylbenzene	11.415	119	89916	2.016	ug/l	97
78) 1,2,4-Trimethylbenzene	11.463	105	91221	1.896	ug/l	98
79) sec-Butylbenzene	11.637	105	118880	2.068	ug/l	99
80) Nitrobenzene	13.209	77	2326	11.157	ug/l #	89
81) p-Isopropyltoluene	11.788	119	96475	2.008	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	47358	1.940	ug/l	97
83) 1,4-Dichlorobenzene	11.833	146	45725	1.911	ug/l	95
84) n-Butylbenzene	12.203	91	91242	1.999	ug/l	98
85) 1,2-Dichlorobenzene	12.209	146	44530	1.997	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.991	75	3250	2.324	ug/l	95
87) 1,2,4-Trichlorobenzene	13.836	180	25583	1.931	ug/l	96
88) Hexachlorobutadiene	14.016	225	16978	1.993	ug/l	97
89) Naphthalene	14.084	128	43279	2.113	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	22318	2.004	ug/l	100

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

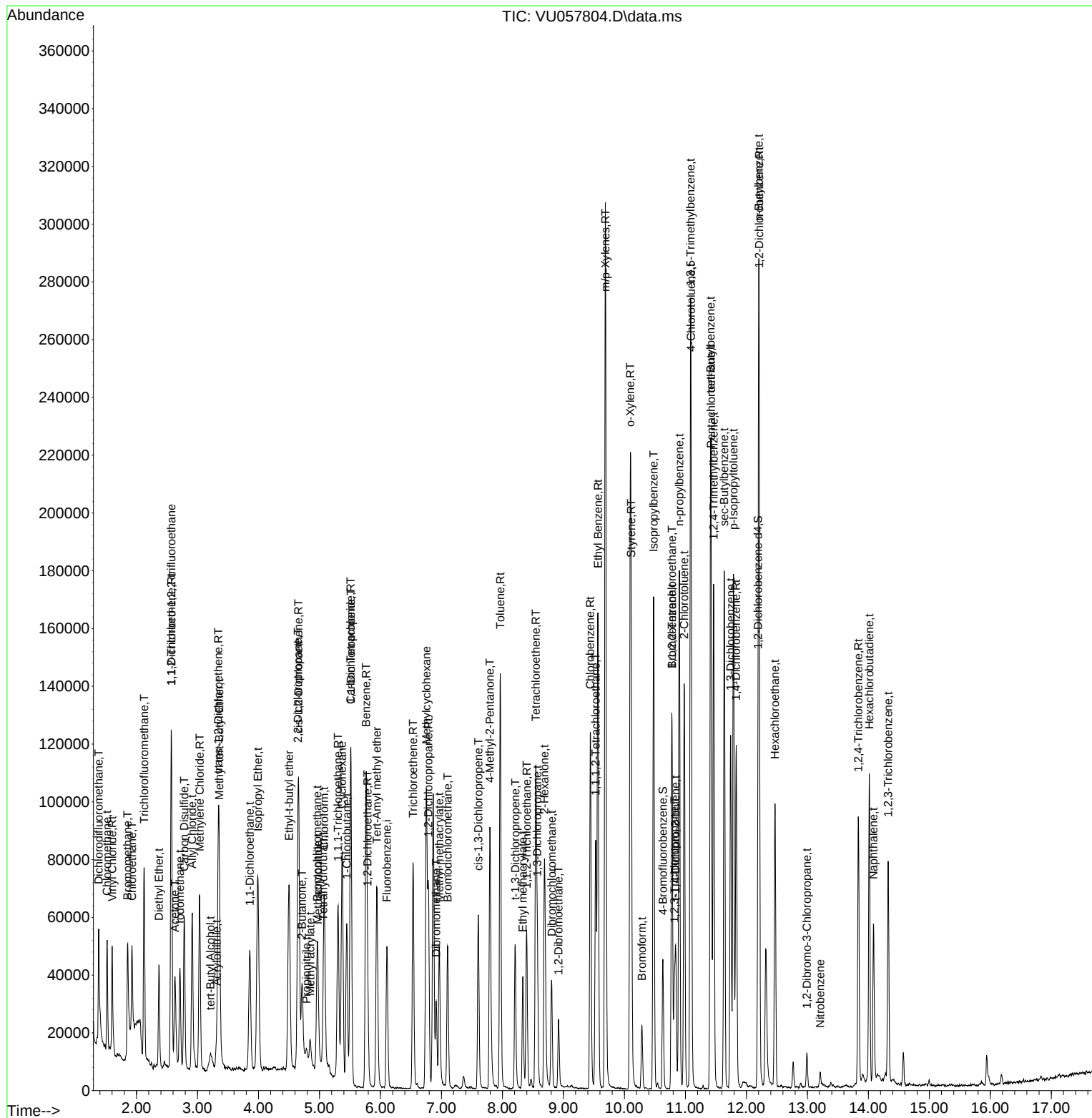
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020524\
Data File : VU057804.D
Acq On : 05 Feb 2024 12:53
Operator : MD/SY
Sample : VSTDIC002
Misc : 25.0mL/MSVOA_U/WATER
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Instrument :
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ClientSampleId :
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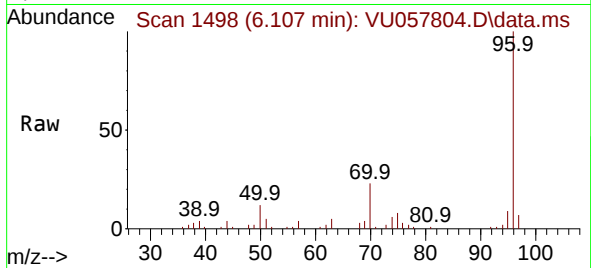
Quant Time: Feb 06 01:02:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U020524DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Feb 06 00:58:29 2024
Response via : Initial Calibration





#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 14
Delta R.T. 0.004 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

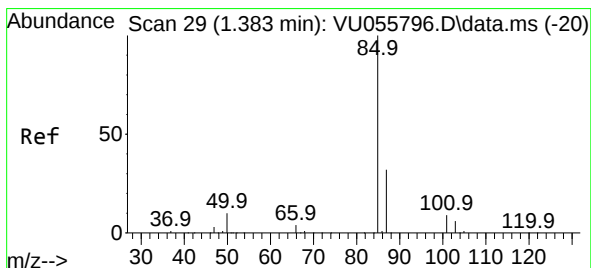
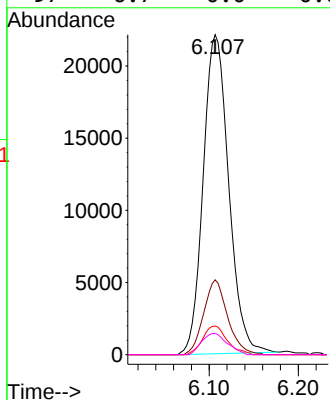
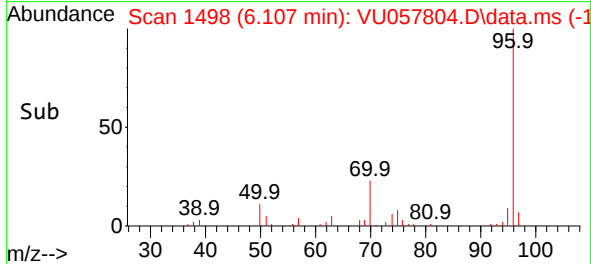
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 96 Resp: 43934
Ion Ratio Lower Upper
96 100
70 22.1 16.5 24.7
95 8.6 7.4 11.0
97 6.7 0.0 0.0#

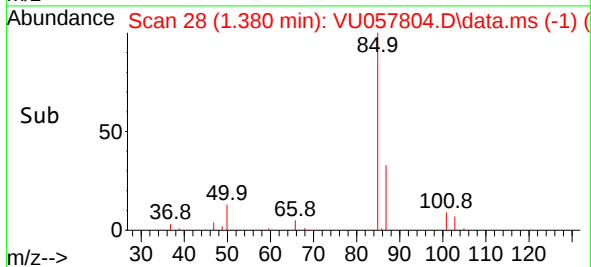
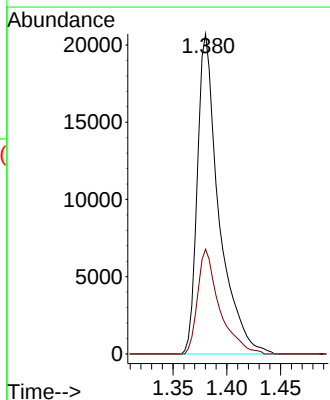
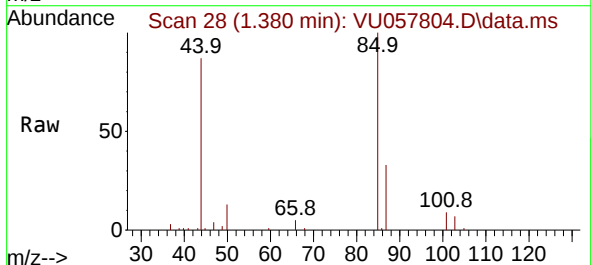
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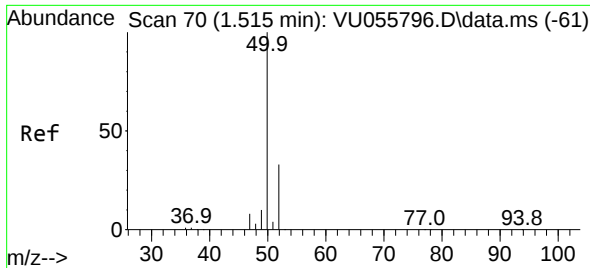
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#2
Dichlorodifluoromethane
Concen: 1.971 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

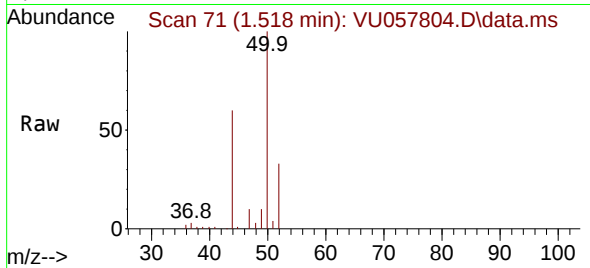
Tgt Ion: 85 Resp: 28805
Ion Ratio Lower Upper
85 100
87 32.7 16.2 48.6





#3
Chloromethane
Concen: 1.972 ug/l
RT: 1.518 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

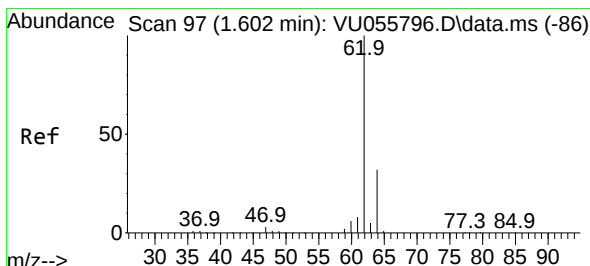
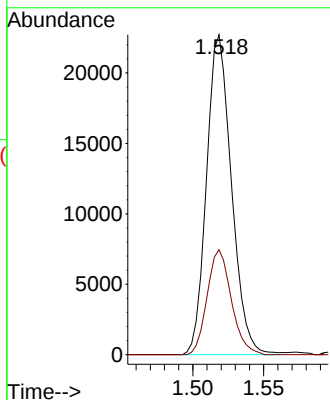
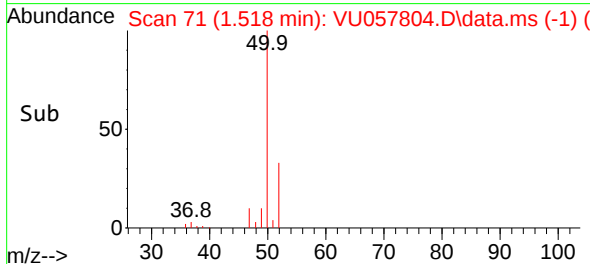
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 50 Resp: 2779
Ion Ratio Lower Upper
50 100
52 32.8 26.6 40.0

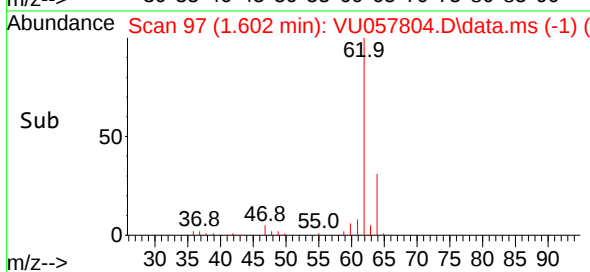
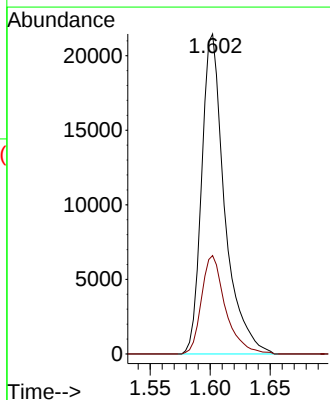
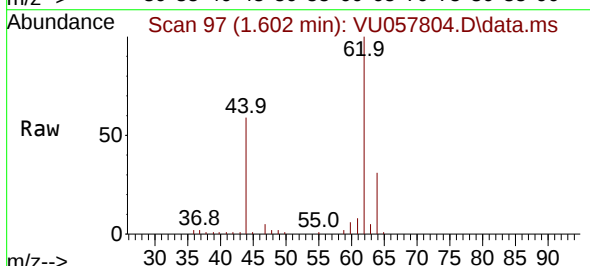
Manual Integrations
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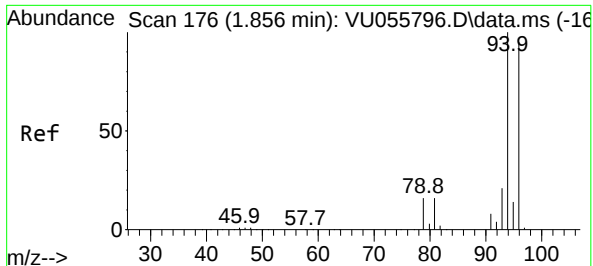
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#4
Vinyl Chloride
Concen: 2.000 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

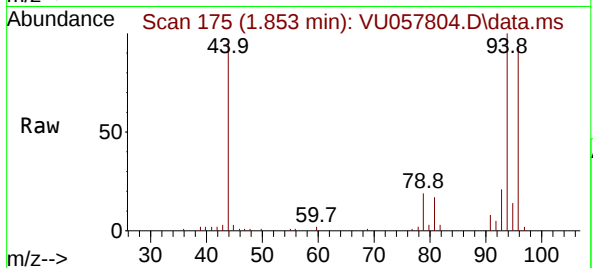
Tgt Ion: 62 Resp: 28663
Ion Ratio Lower Upper
62 100
64 30.8 25.4 38.2





#5
Bromomethane
Concen: 2.046 ug/l
RT: 1.853 min Scan# 175
Delta R.T. -0.003 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

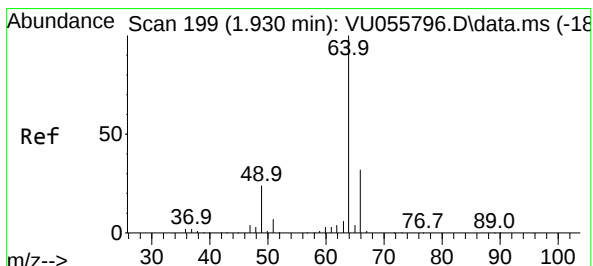
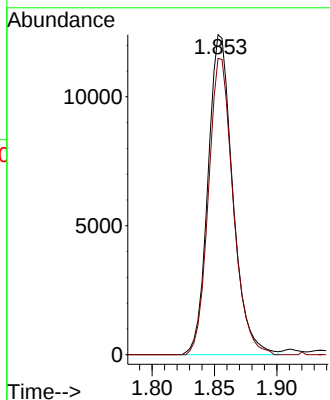
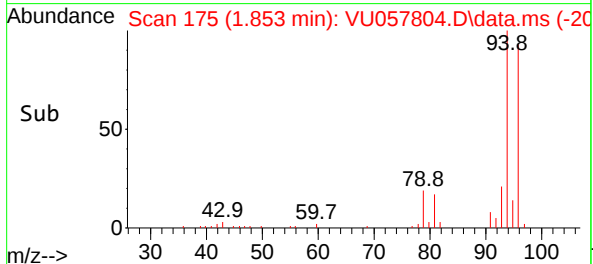
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 94 Resp: 17159
Ion Ratio Lower Upper
94 100
96 92.6 75.4 113.2

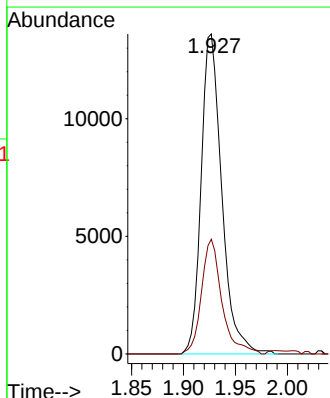
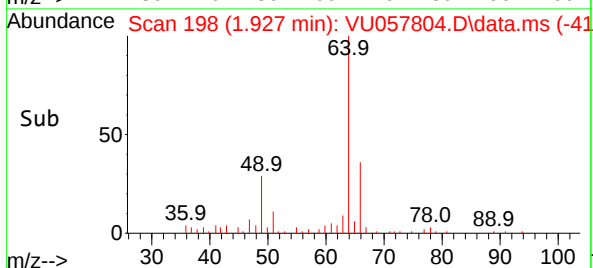
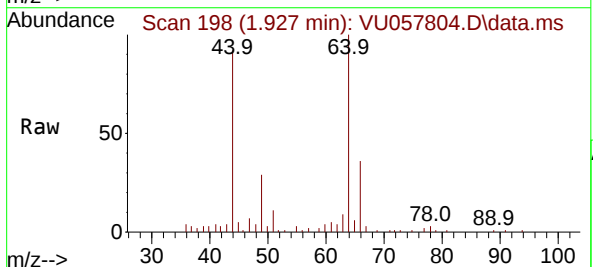
Manual Integrations
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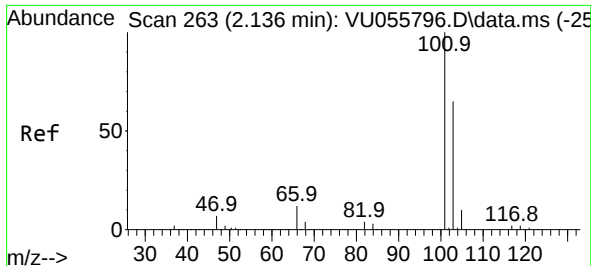
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#6
Chloroethane
Concen: 2.081 ug/l
RT: 1.927 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

Tgt Ion: 64 Resp: 18772
Ion Ratio Lower Upper
64 100
66 35.8 26.0 39.0





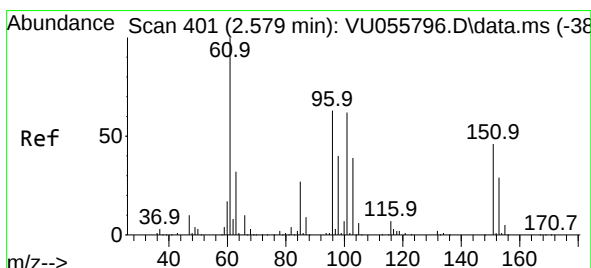
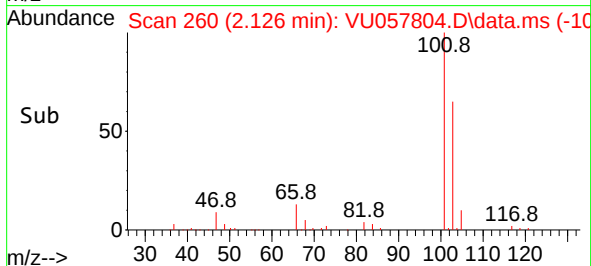
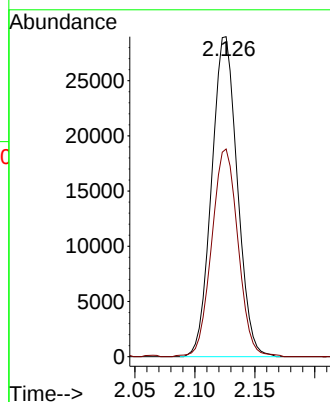
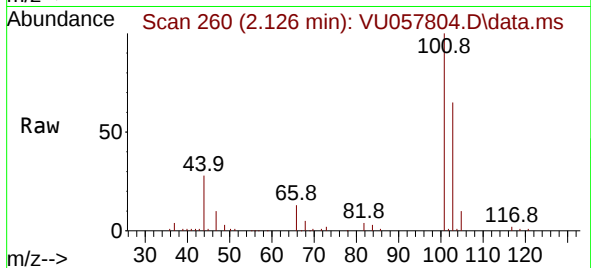
#7
Trichlorofluoromethane
Concen: 2.057 ug/l
RT: 2.126 min Scan# 210
Delta R.T. 0.010 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:101 Resp: 4320
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.0

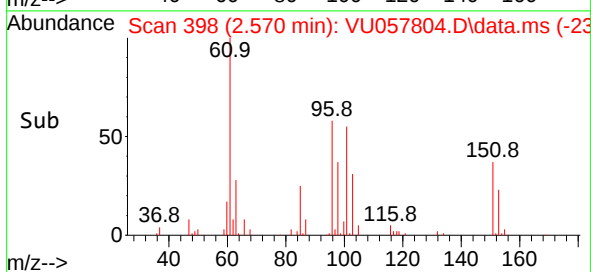
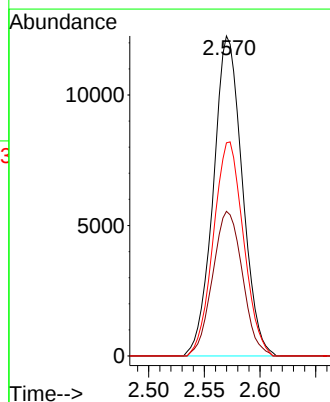
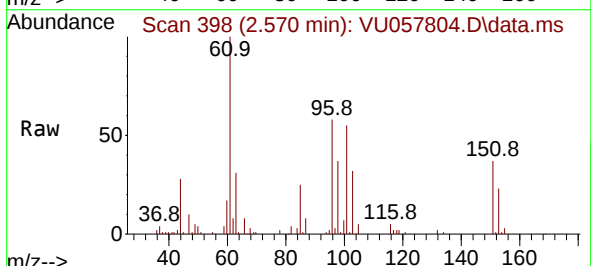
Manual Integrations
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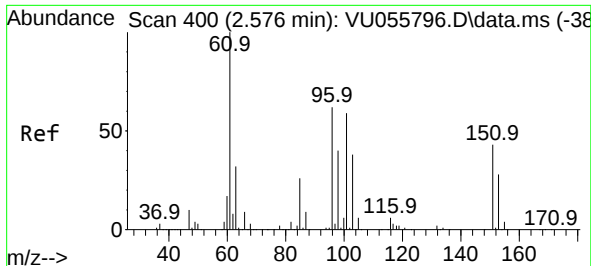
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.973 ug/l
RT: 2.570 min Scan# 398
Delta R.T. 0.010 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

Tgt Ion:101 Resp: 22161
Ion Ratio Lower Upper
101 100
85 46.6 35.4 53.0
151 69.7 54.0 81.0





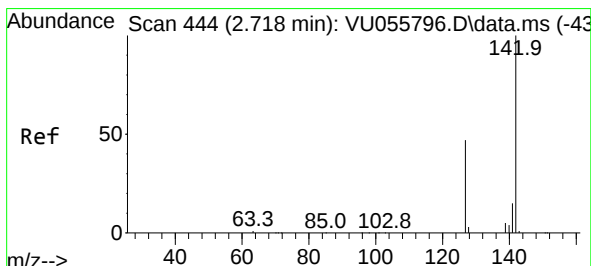
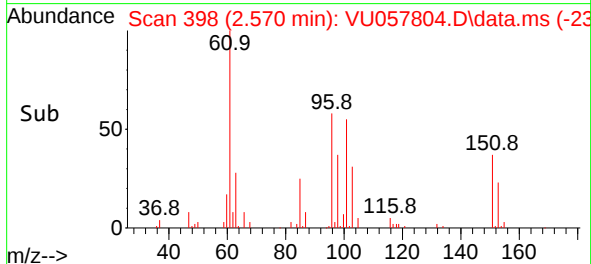
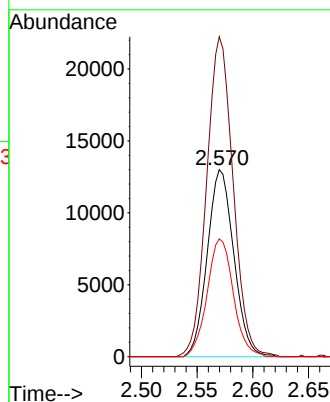
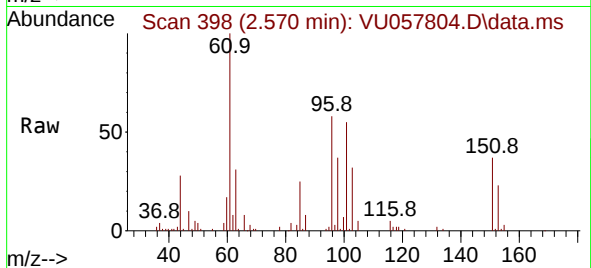
#9
1,1-Dichloroethene
Concen: 1.991 ug/l
RT: 2.570 min Scan# 398
Delta R.T. 0.010 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 96 Resp: 21552
Ion Ratio Lower Upper
96 100
61 171.1 0.0 521.4
98 65.2 0.0 125.8

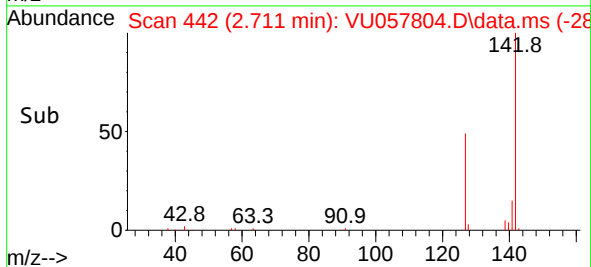
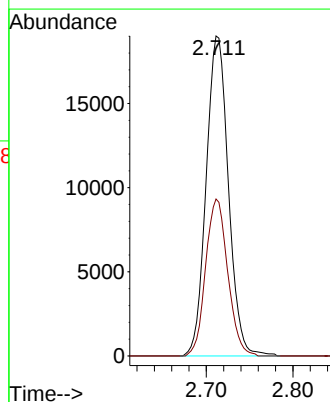
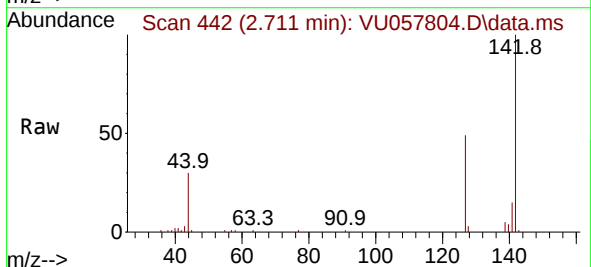
Manual Integrations
APPROVED

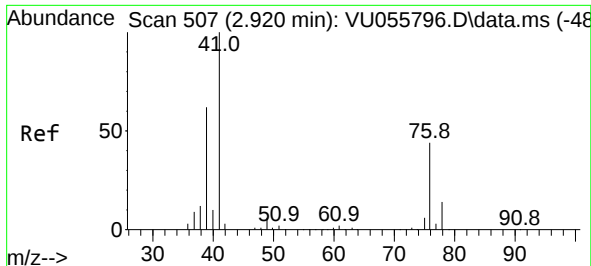
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#10
Iodomethane
Concen: 2.577 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.010 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

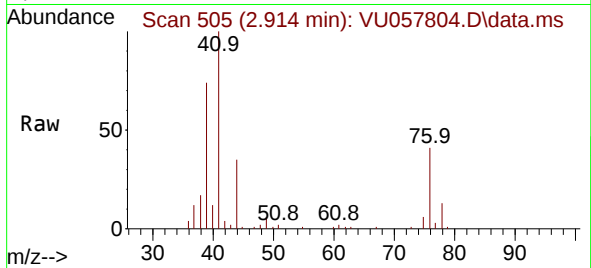
Tgt Ion:142 Resp: 33932
Ion Ratio Lower Upper
142 100
127 48.7 35.9 53.9





#11
 Allyl Chloride
 Concen: 2.118 ug/l
 RT: 2.914 min Scan# 507
 Delta R.T. 0.010 min
 Lab File: VU057804.D
 Acq: 05 Feb 2024 12:53

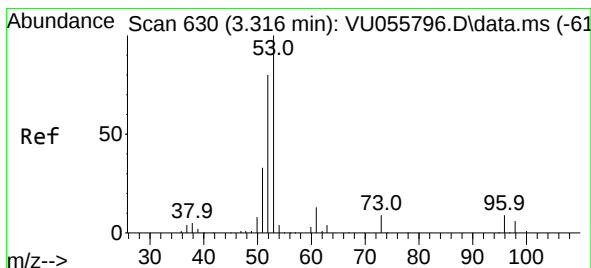
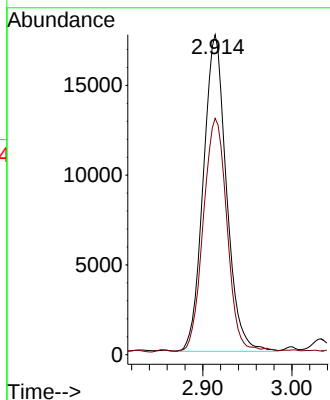
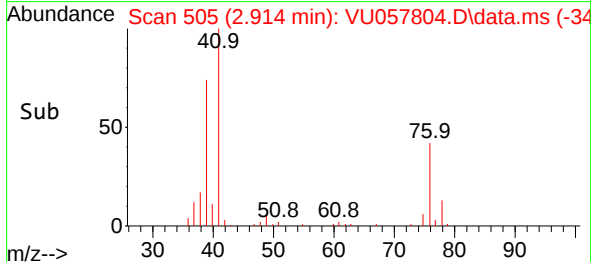
Instrument :
 MSVOA_U
 Client Sample Id :
 VSTDIC002



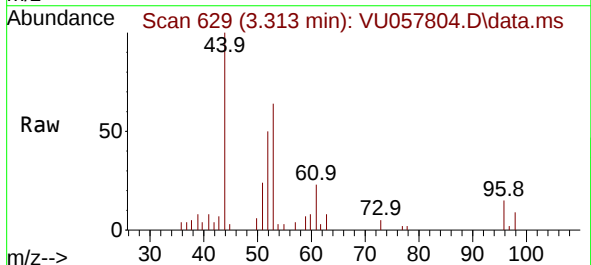
Tgt Ion: 41 Resp: 31704
 Ion Ratio Lower Upper
 41 100
 39 74.7 54.2 81.2

Manual Integrations
 APPROVED

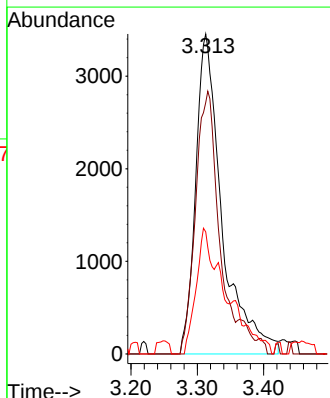
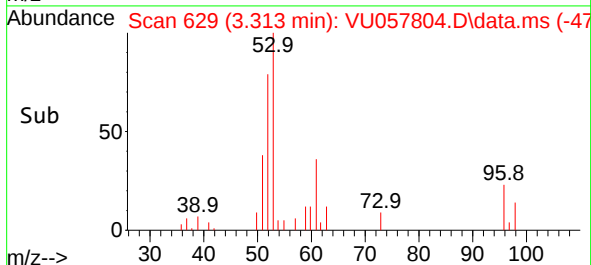
Reviewed By : John Carlone 02/14/2024
 Supervised By : Mahesh Dadoda 02/14/2024

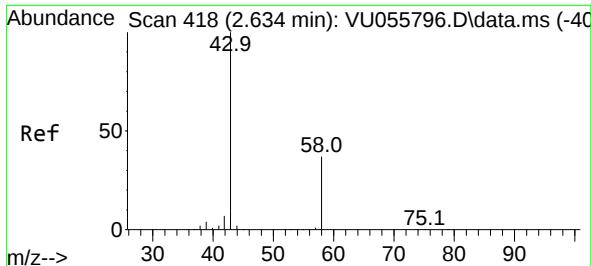


#12
 Acrylonitrile
 Concen: 4.979 ug/l
 RT: 3.313 min Scan# 629
 Delta R.T. 0.003 min
 Lab File: VU057804.D
 Acq: 05 Feb 2024 12:53



Tgt Ion: 53 Resp: 9533
 Ion Ratio Lower Upper
 53 100
 52 71.0 62.9 94.3
 51 23.3 27.8 41.6





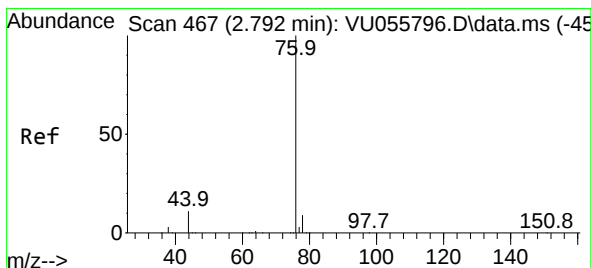
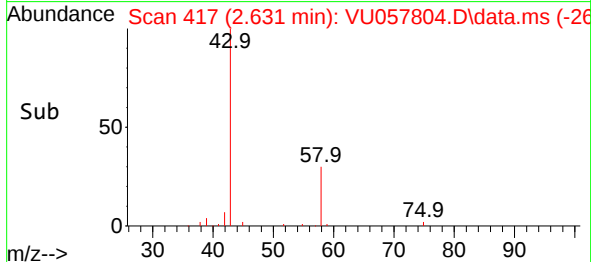
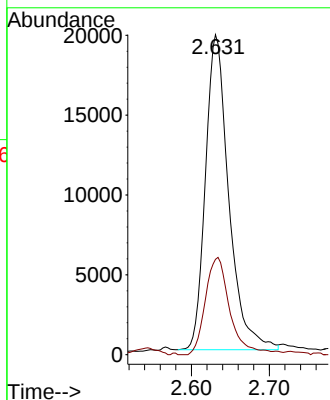
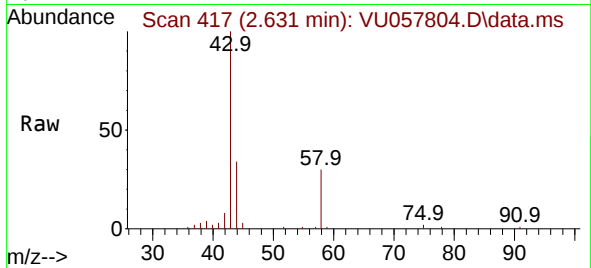
#13
Acetone
Concen: 12.344 ug/l
RT: 2.631 min Scan# 411
Delta R.T. 0.000 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 43 Resp: 4111
Ion Ratio Lower Upper
43 100
58 30.3 29.0 43.4

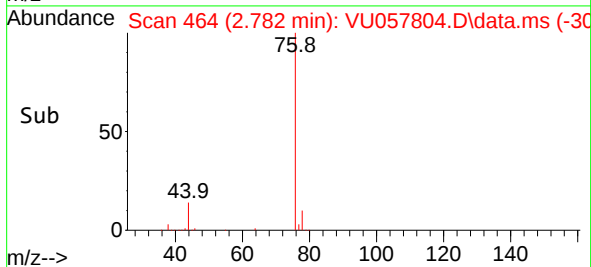
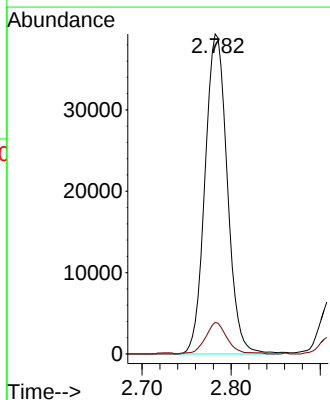
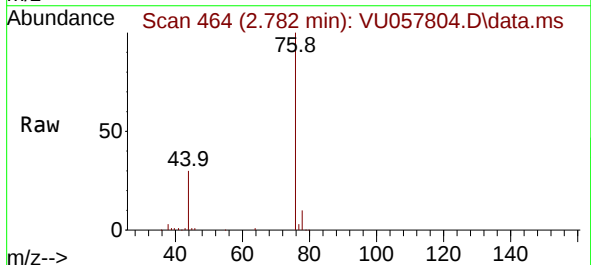
Manual Integrations
APPROVED

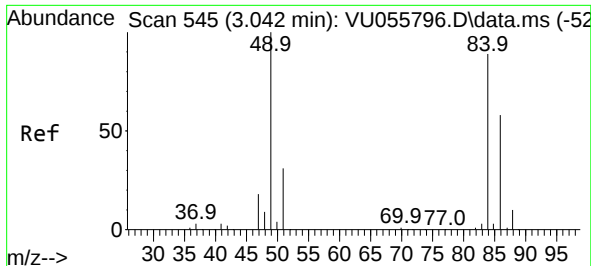
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#14
Carbon Disulfide
Concen: 1.965 ug/l
RT: 2.782 min Scan# 464
Delta R.T. 0.010 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

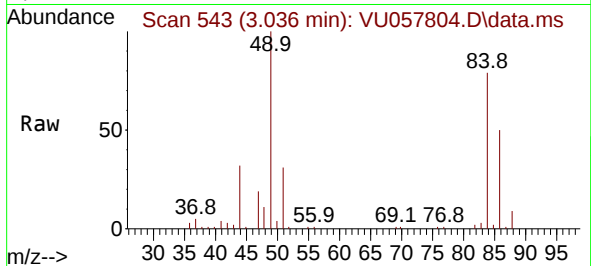
Tgt Ion: 76 Resp: 68229
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0





#15
Methylene Chloride
Concen: 2.092 ug/l
RT: 3.036 min Scan# 545
Delta R.T. 0.010 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

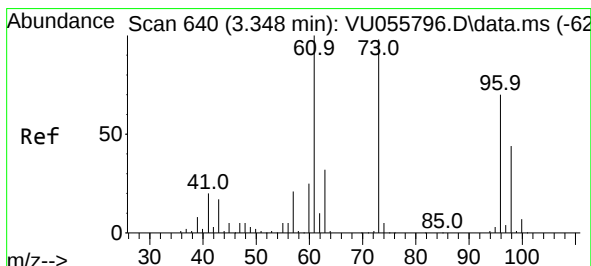
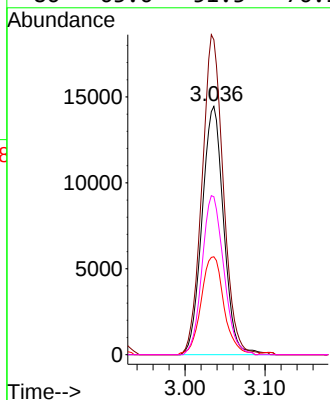
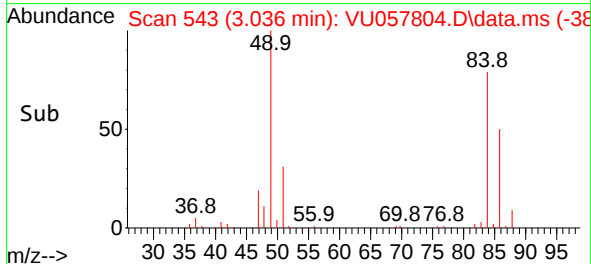


Tgt Ion: 84 Resp: 2720

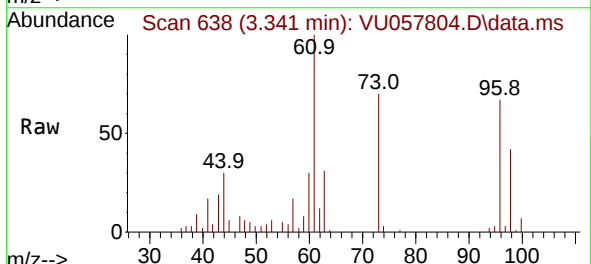
Ion	Ratio	Lower	Upper
84	100		
49	126.8	98.9	148.3
51	39.4	0.0	75.4
86	63.6	51.3	76.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

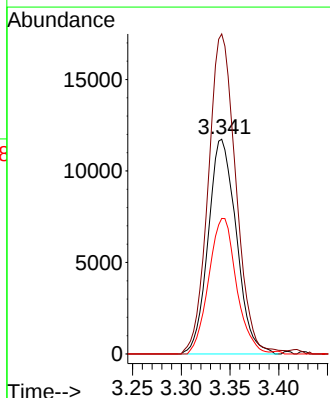
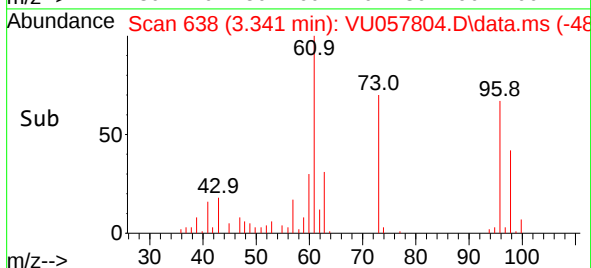


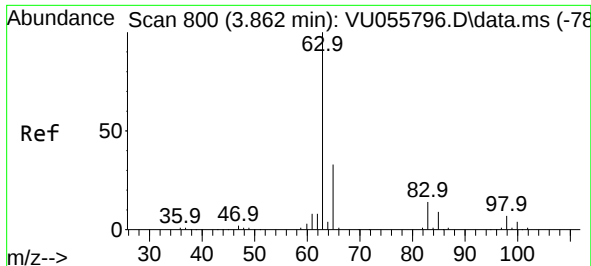
#16
trans-1,2-Dichloroethene
Concen: 1.992 ug/l
RT: 3.341 min Scan# 638
Delta R.T. 0.007 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53



Tgt Ion: 96 Resp: 23535

Ion	Ratio	Lower	Upper
96	100		
61	149.0	117.5	176.3
98	63.1	48.3	72.5





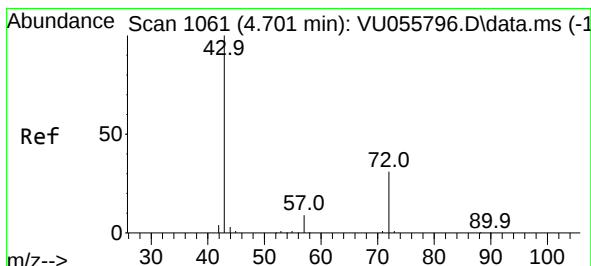
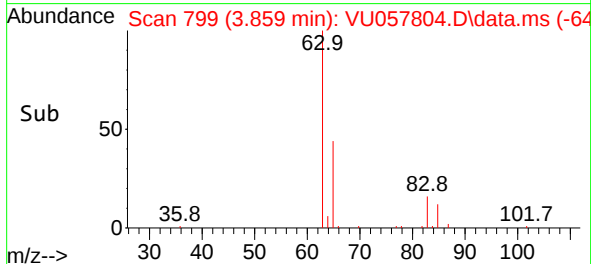
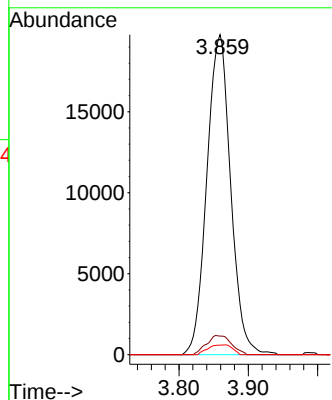
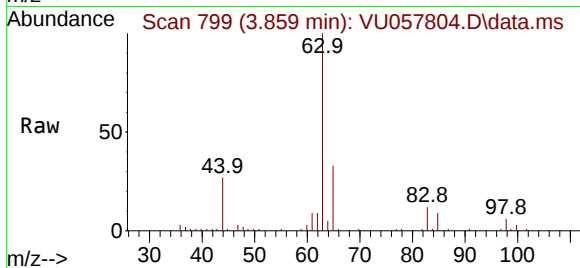
#17
1,1-Dichloroethane
Concen: 2.088 ug/l
RT: 3.859 min Scan# 799
Delta R.T. 0.010 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 63 Resp: 47120
Ion Ratio Lower Upper
63 100
98 6.3 3.4 10.1
100 3.0 2.2 6.6

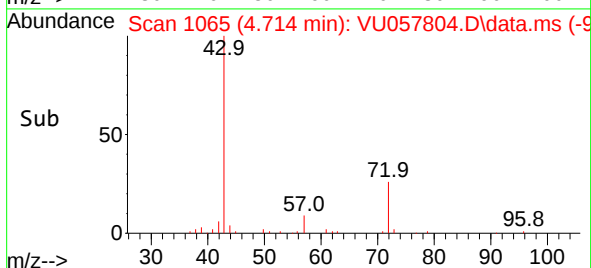
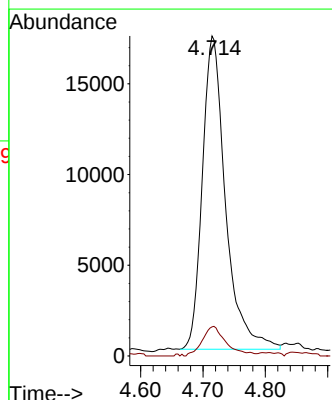
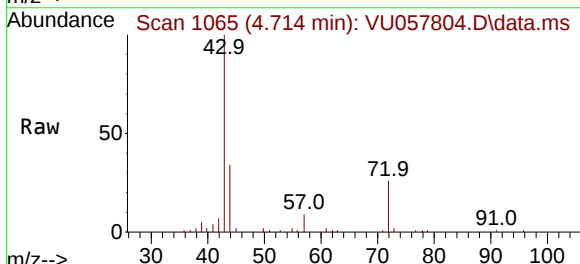
Manual Integrations
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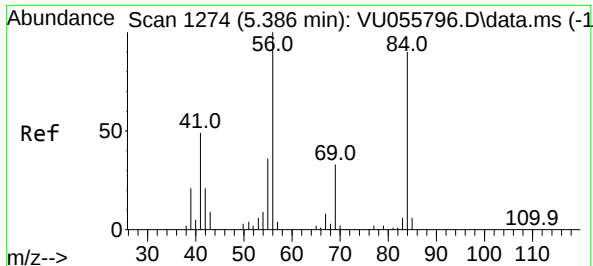
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#18
2-Butanone
Concen: 12.267 ug/l
RT: 4.714 min Scan# 1065
Delta R.T. 0.003 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

Tgt Ion: 43 Resp: 44699
Ion Ratio Lower Upper
43 100
57 9.3 0.0 19.6





#19

Cyclohexane

Concen: 2.045 ug/l

RT: 5.370 min Scan# 1699

Delta R.T. 0.003 min

Lab File: VU057804.D

Acq: 05 Feb 2024 12:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 56 Resp: 3630

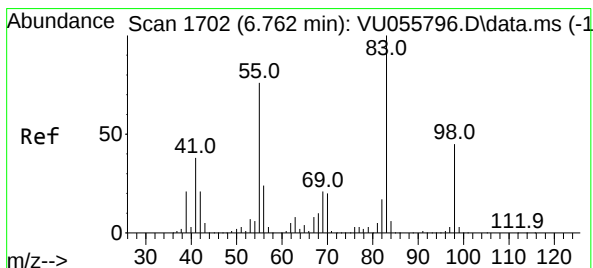
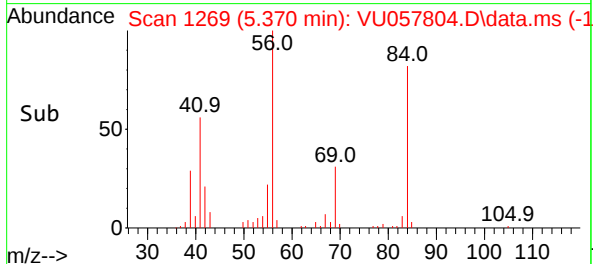
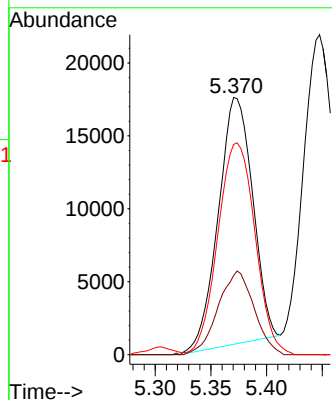
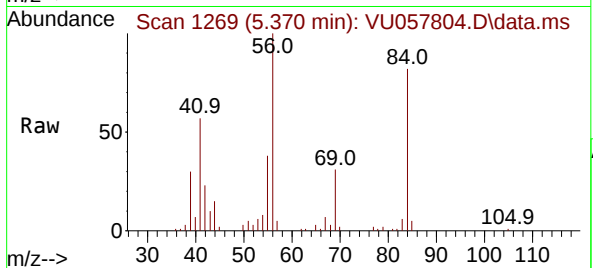
Ion	Ratio	Lower	Upper
56	100		
69	35.4	24.6	37.0
84	91.9	68.4	102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#20

Methylcyclohexane

Concen: 2.007 ug/l

RT: 6.753 min Scan# 1699

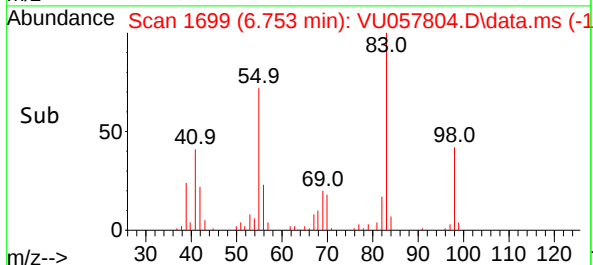
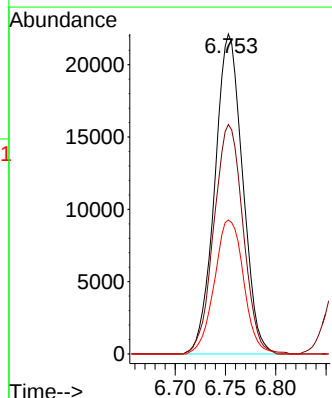
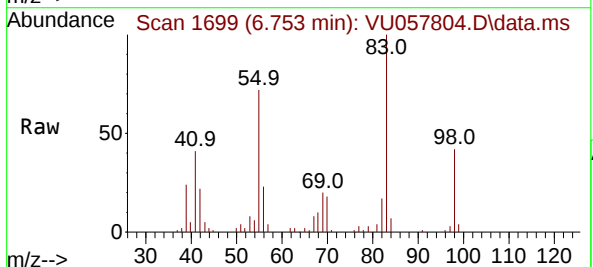
Delta R.T. 0.003 min

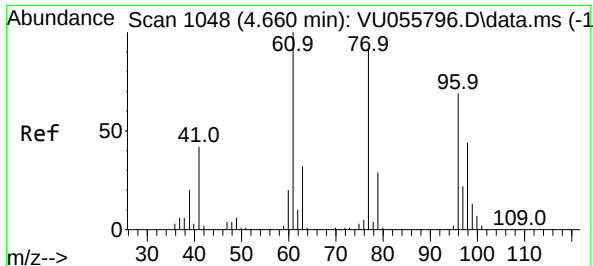
Lab File: VU057804.D

Acq: 05 Feb 2024 12:53

Tgt Ion: 83 Resp: 42574

Ion	Ratio	Lower	Upper
83	100		
55	75.3	63.5	95.3
98	43.8	36.0	54.0





#21

2,2-Dichloropropane

Concen: 2.071 ug/l

RT: 4.650 min Scan# 1045

Delta R.T. 0.003 min

Lab File: VU057804.D

Acq: 05 Feb 2024 12:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 77 Resp: 4120

Ion Ratio Lower Upper

77 100

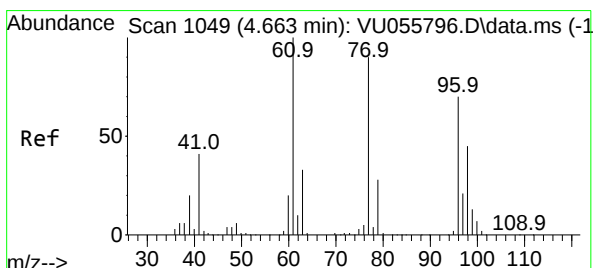
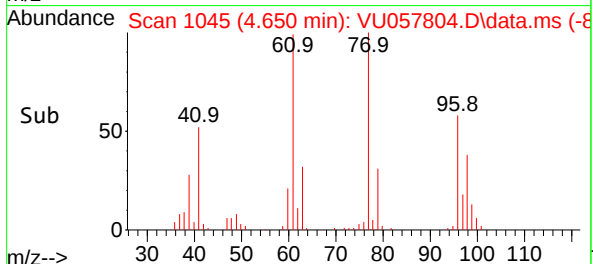
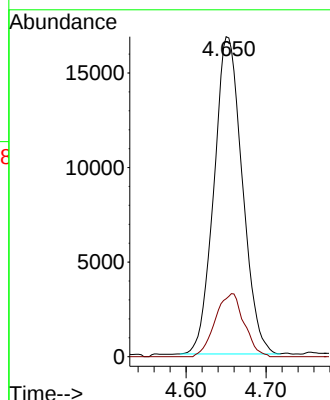
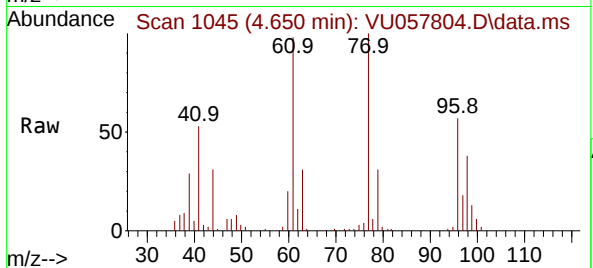
97 20.3 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#22

cis-1,2-Dichloroethene

Concen: 1.932 ug/l

RT: 4.657 min Scan# 1047

Delta R.T. 0.007 min

Lab File: VU057804.D

Acq: 05 Feb 2024 12:53

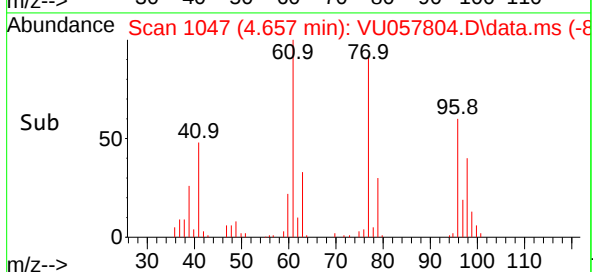
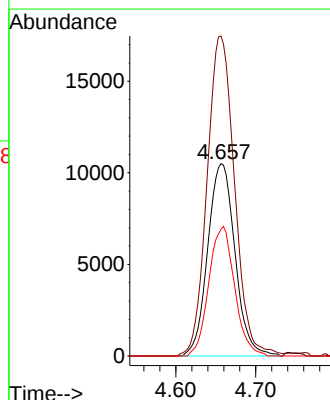
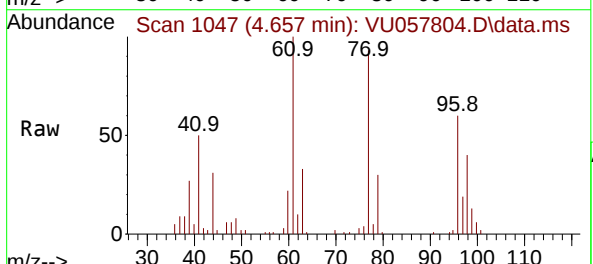
Tgt Ion: 96 Resp: 24913

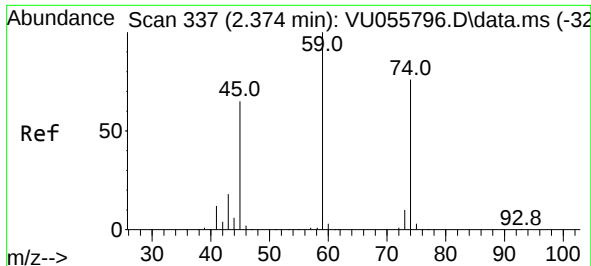
Ion Ratio Lower Upper

96 100

61 167.5 0.0 365.8

98 63.6 32.0 96.0





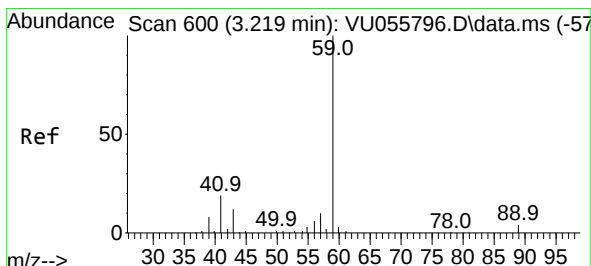
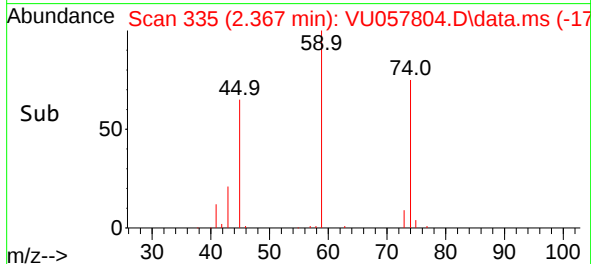
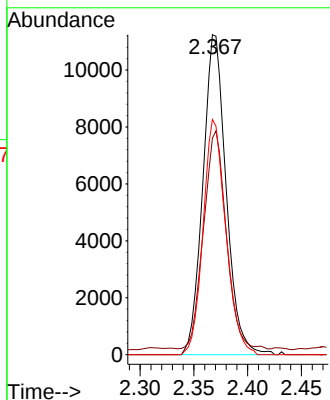
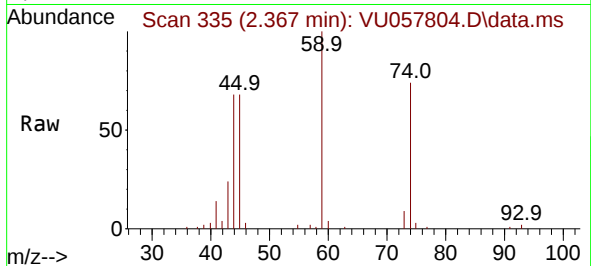
#23
Diethyl Ether
Concen: 2.138 ug/l
RT: 2.367 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 59 Resp: 16918
Ion Ratio Lower Upper
59 100
45 66.2 56.1 84.1
74 71.6 57.4 86.2

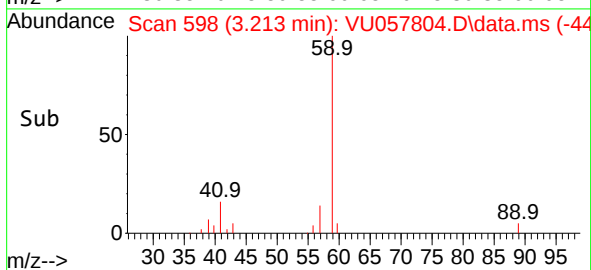
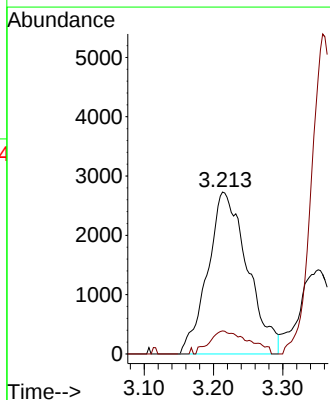
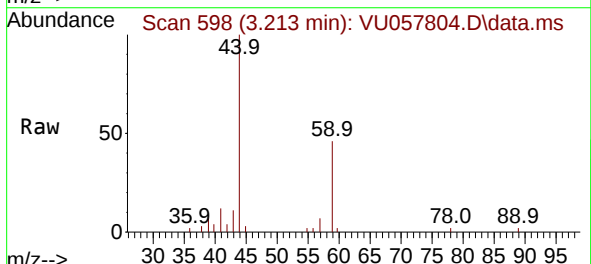
Manual Integrations
APPROVED

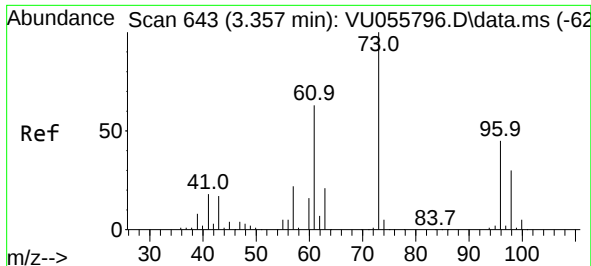
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#24
tert-Butyl Alcohol
Concen: 13.431 ug/l
RT: 3.213 min Scan# 598
Delta R.T. -0.019 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

Tgt Ion: 59 Resp: 10881
Ion Ratio Lower Upper
59 100
57 13.9 105.6 158.4#





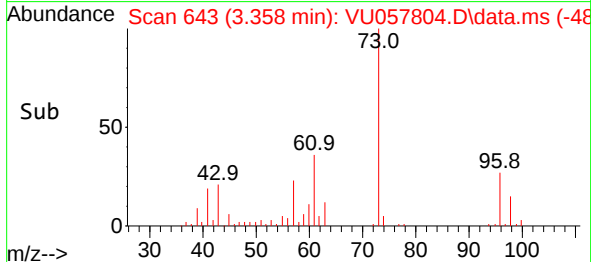
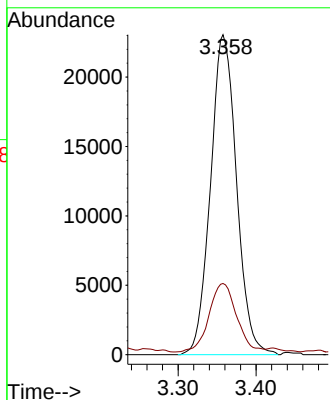
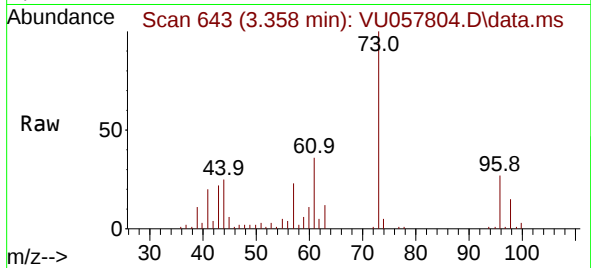
#25
Methyl tert-Butyl Ether
Concen: 2.084 ug/l
RT: 3.358 min Scan# 64
Delta R.T. 0.000 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 73 Resp: 5360
Ion Ratio Lower Upper
73 100
43 22.6 15.0 22.6

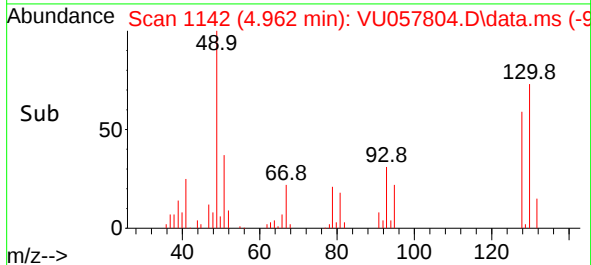
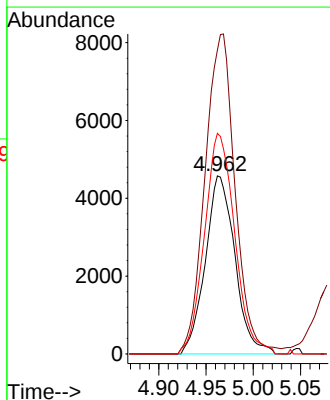
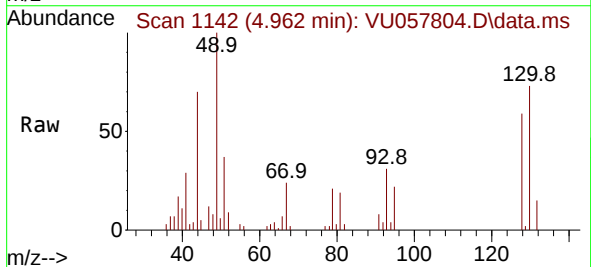
Manual Integrations
APPROVED

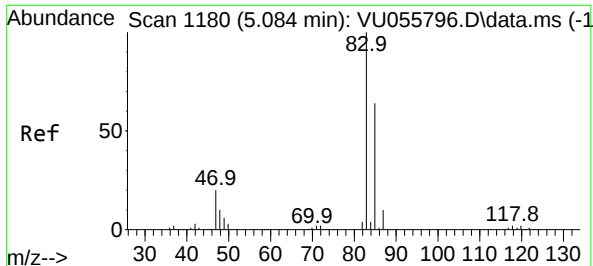
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#26
Bromochloromethane
Concen: 1.924 ug/l
RT: 4.962 min Scan# 1142
Delta R.T. 0.003 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

Tgt Ion:128 Resp: 9965
Ion Ratio Lower Upper
128 100
49 182.3 0.0 324.6
130 126.9 103.0 154.4





#27

Chloroform

Concen: 2.015 ug/l

RT: 5.078 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU057804.D

Acq: 05 Feb 2024 12:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 83 Resp: 46890

Ion Ratio Lower Upper

83 100

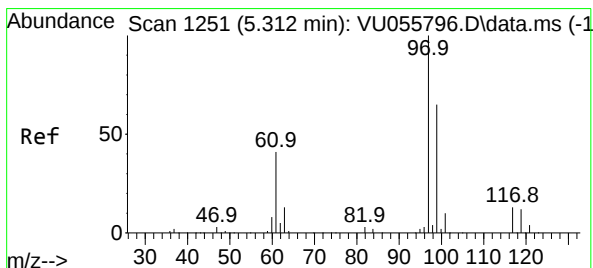
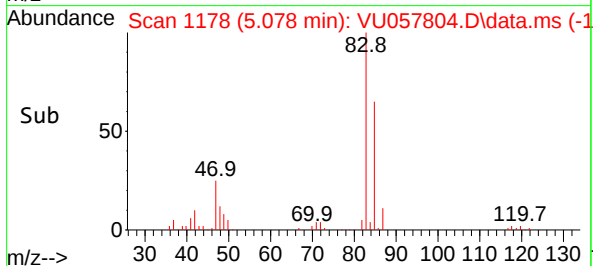
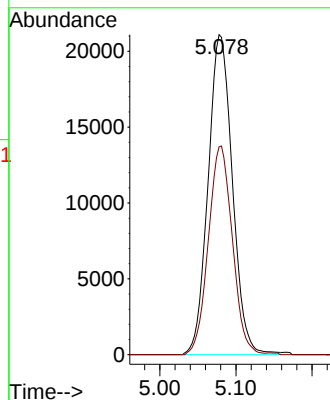
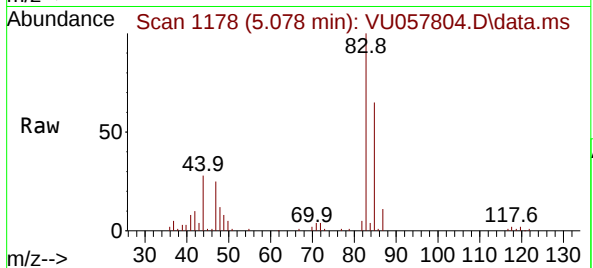
85 65.9 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#28

1,1,1-Trichloroethane

Concen: 2.014 ug/l

RT: 5.306 min Scan# 1249

Delta R.T. 0.007 min

Lab File: VU057804.D

Acq: 05 Feb 2024 12:53

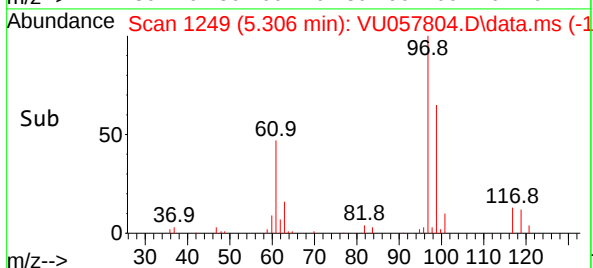
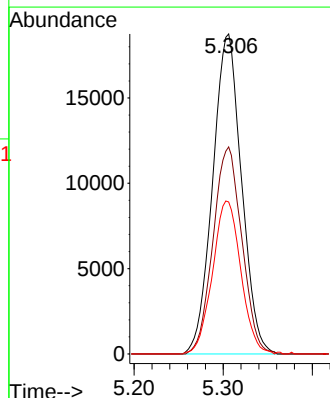
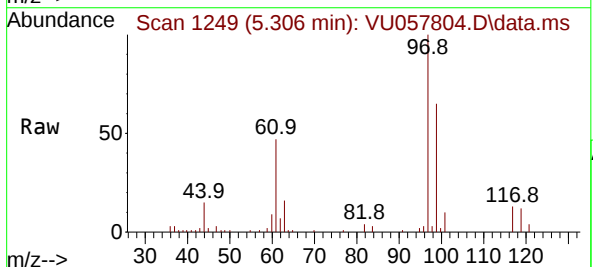
Tgt Ion: 97 Resp: 42160

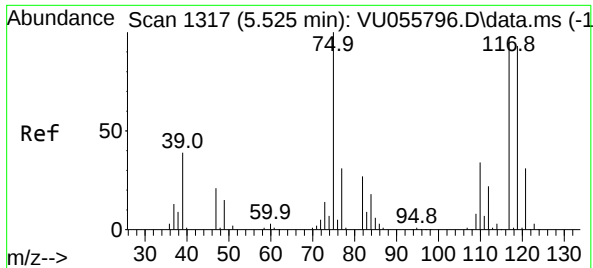
Ion Ratio Lower Upper

97 100

99 64.6 32.0 96.2

61 47.0 22.9 68.5





#29

1,1-Dichloropropene

Concen: 2.046 ug/l

RT: 5.515 min Scan# 1314

Delta R.T. 0.003 min

Lab File: VU057804.D

Acq: 05 Feb 2024 12:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 75 Resp: 3480

Ion Ratio Lower Upper

75 100

110 31.3 18.0 54.0

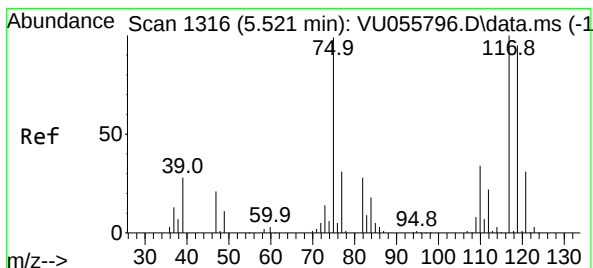
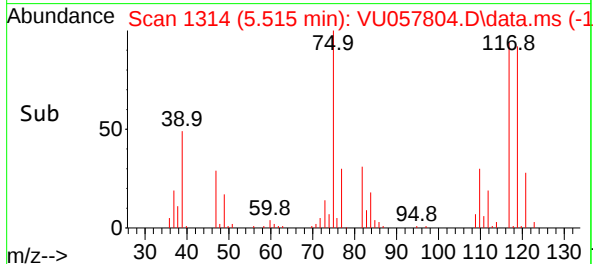
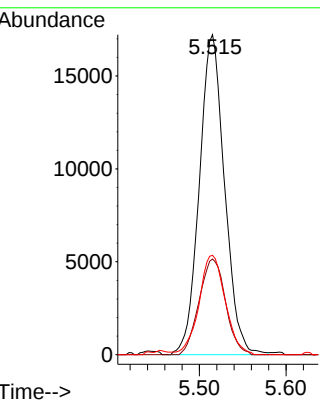
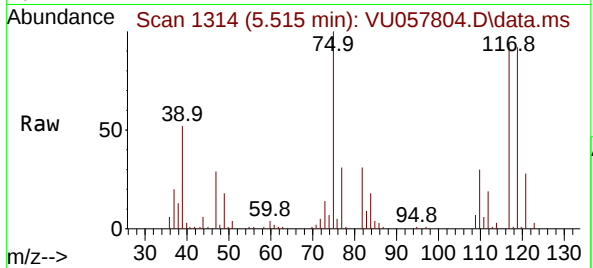
77 32.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#30

Carbon Tetrachloride

Concen: 1.978 ug/l

RT: 5.512 min Scan# 1313

Delta R.T. 0.003 min

Lab File: VU057804.D

Acq: 05 Feb 2024 12:53

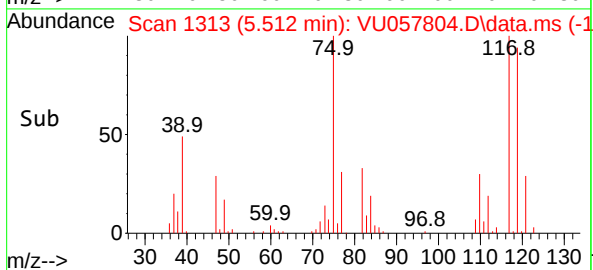
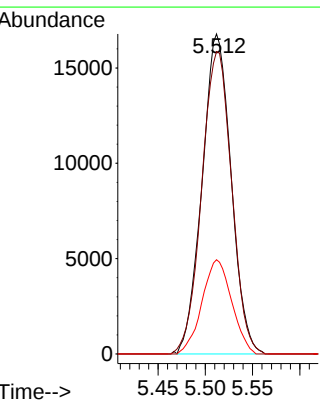
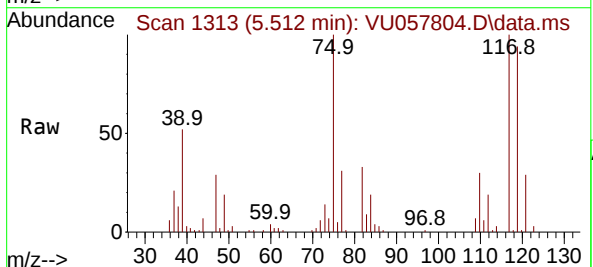
Tgt Ion:117 Resp: 35768

Ion Ratio Lower Upper

117 100

119 94.5 77.4 116.0

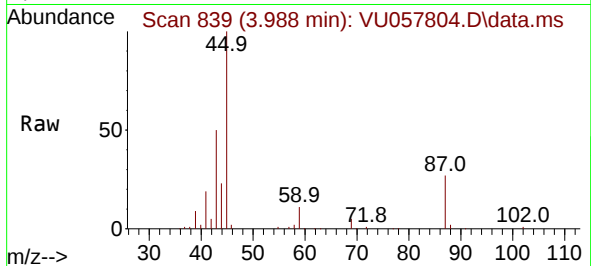
121 29.4 24.0 36.0





#31
Isopropyl Ether
Concen: 2.133 ug/l
RT: 3.988 min Scan# 839
Delta R.T. 0.000 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

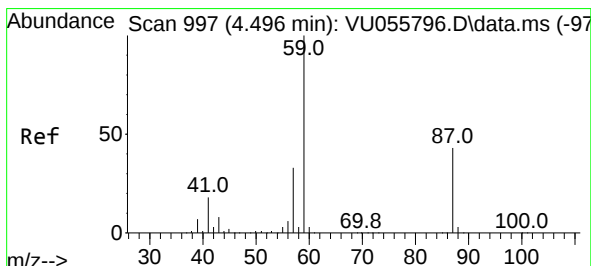
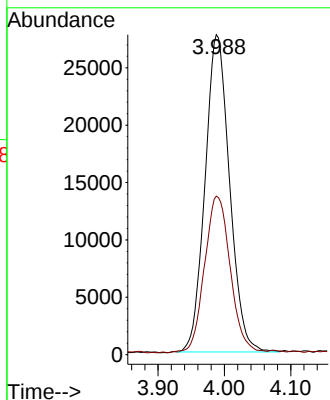
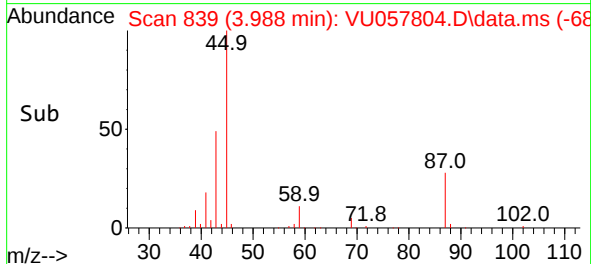
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



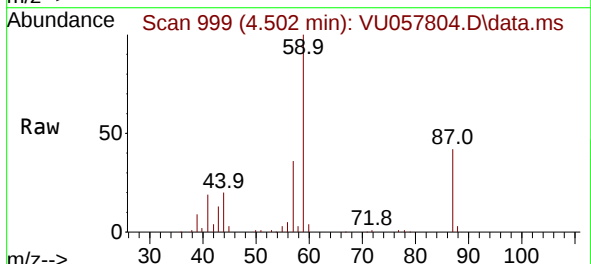
Tgt Ion: 45 Resp: 71100
Ion Ratio Lower Upper
45 100
43 51.7 27.5 82.5

Manual Integrations
APPROVED

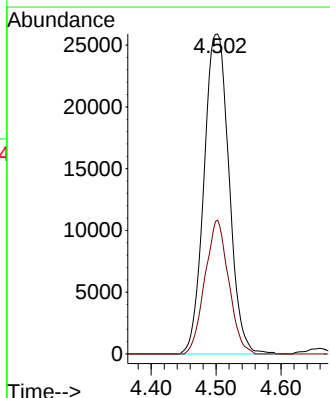
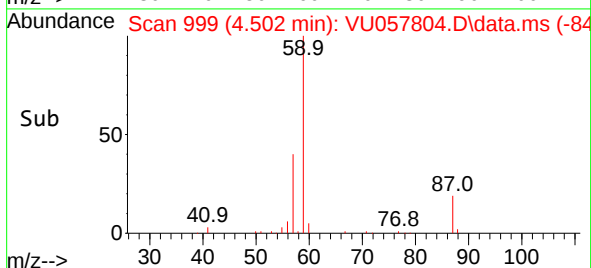
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

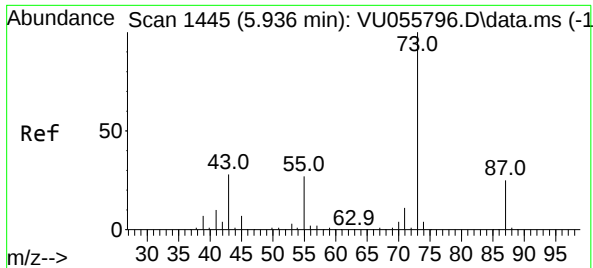


#32
Ethyl-t-butyl ether
Concen: 2.242 ug/l
RT: 4.502 min Scan# 999
Delta R.T. 0.003 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53



Tgt Ion: 59 Resp: 69392
Ion Ratio Lower Upper
59 100
87 39.7 33.5 50.3





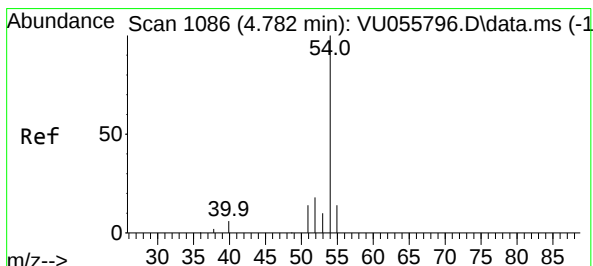
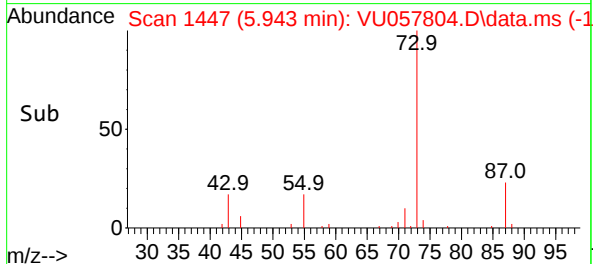
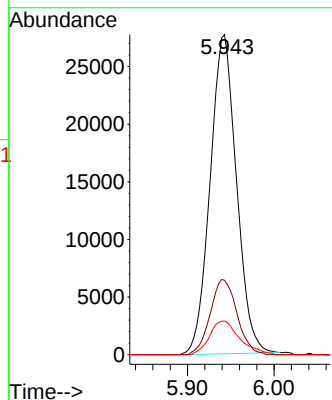
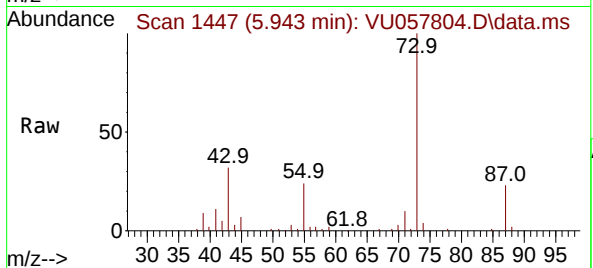
#33
Tert-Amyl methyl ether
Concen: 2.242 ug/l
RT: 5.943 min Scan# 1445
Delta R.T. 0.003 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 73 Resp: 58500
Ion Ratio Lower Upper
73 100
87 23.9 18.6 28.0
71 12.1 9.9 14.9

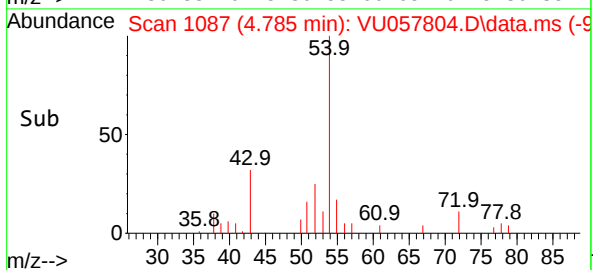
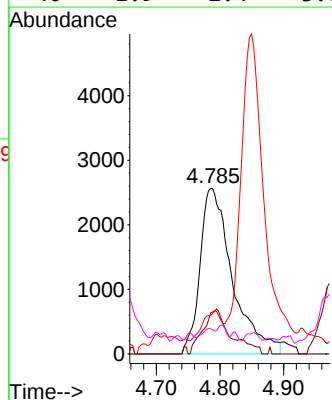
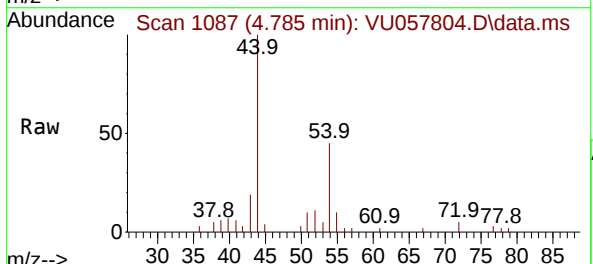
Manual Integrations
APPROVED

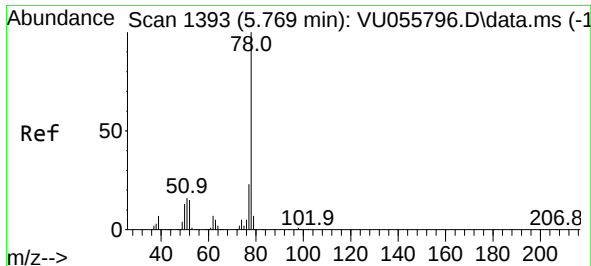
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#34
Propionitrile
Concen: 12.059 ug/l
RT: 4.785 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

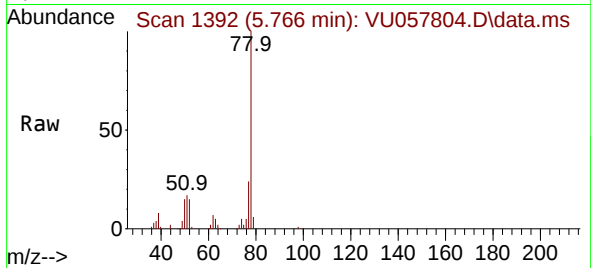
Tgt Ion: 54 Resp: 9077
Ion Ratio Lower Upper
54 100
52 0.0 17.4 26.0#
55 0.0 104.1 156.1#
40 1.9 2.4 3.6#





#35
Benzene
Concen: 1.993 ug/l
RT: 5.766 min Scan# 1392
Delta R.T. 0.007 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

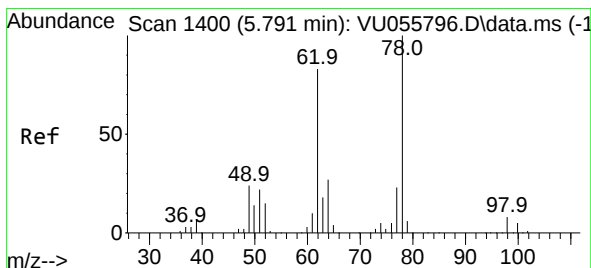
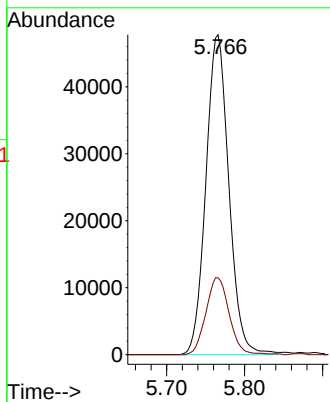
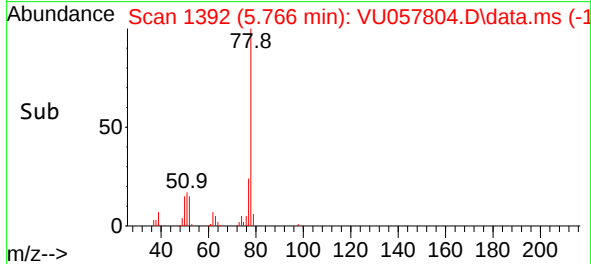
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



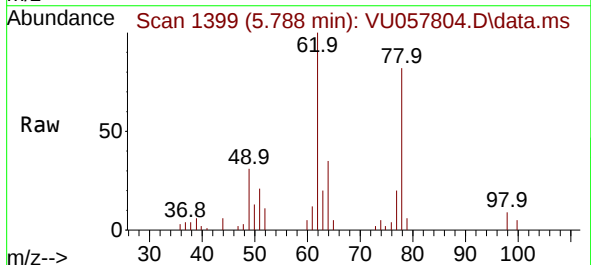
Tgt Ion: 78 Resp: 97808
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3

Manual Integrations
APPROVED

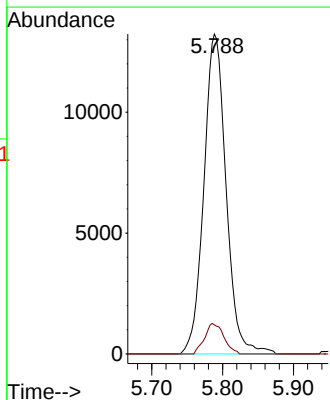
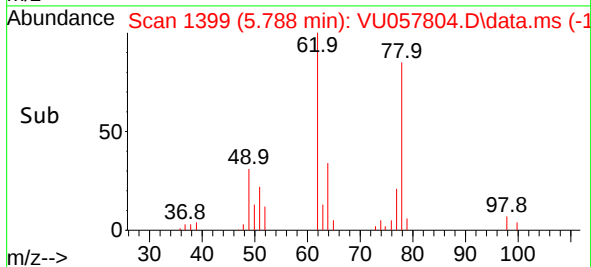
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

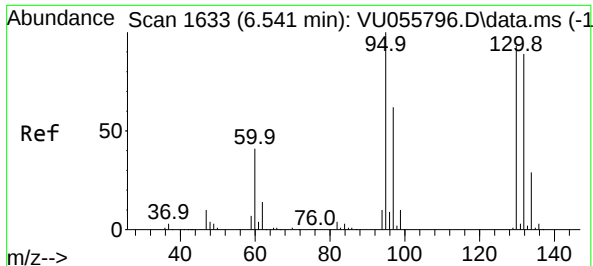


#36
1,2-Dichloroethane
Concen: 2.012 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. 0.003 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53



Tgt Ion: 62 Resp: 28822
Ion Ratio Lower Upper
62 100
98 8.2 7.3 10.9





#37

Trichloroethene

Concen: 1.921 ug/l

RT: 6.534 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU057804.D

Acq: 05 Feb 2024 12:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion:130 Resp: 2489

Ion Ratio Lower Upper

130 100

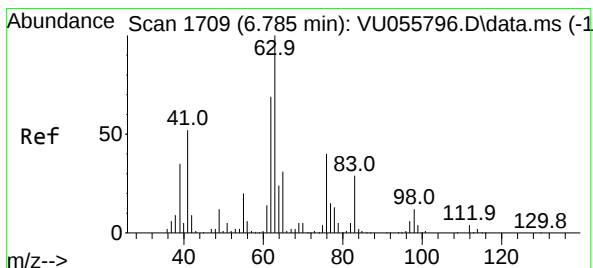
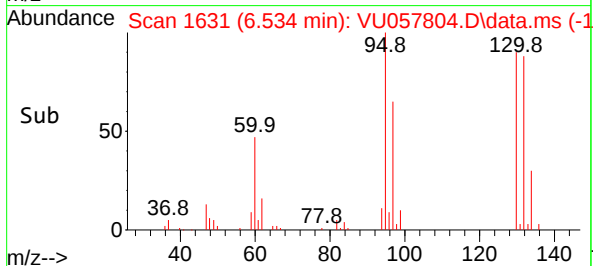
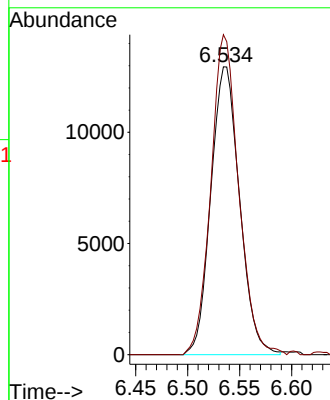
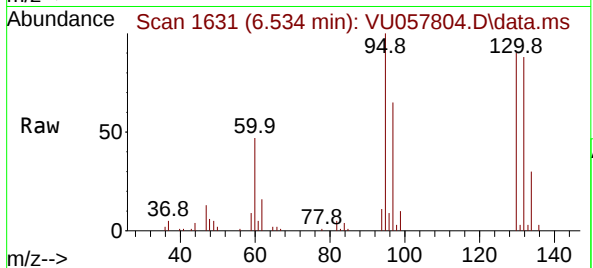
95 111.2 85.0 127.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#38

1,2-Dichloropropane

Concen: 2.021 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.000 min

Lab File: VU057804.D

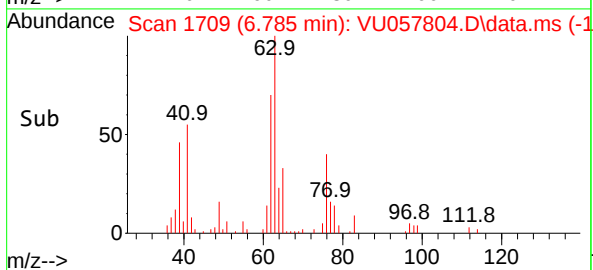
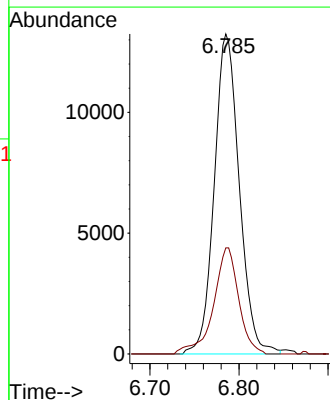
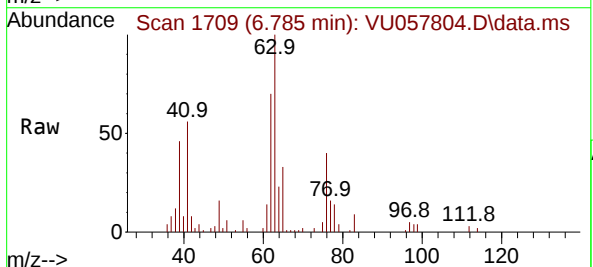
Acq: 05 Feb 2024 12:53

Tgt Ion: 63 Resp: 25859

Ion Ratio Lower Upper

63 100

65 33.1 24.9 37.3





#39

Methacrylonitrile

Concen: 2.265 ug/l

RT: 4.978 min Scan# 1144

Delta R.T. 0.007 min

Lab File: VU057804.D

Acq: 05 Feb 2024 12:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 41 Resp: 697

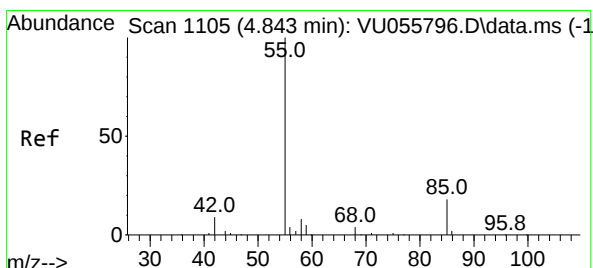
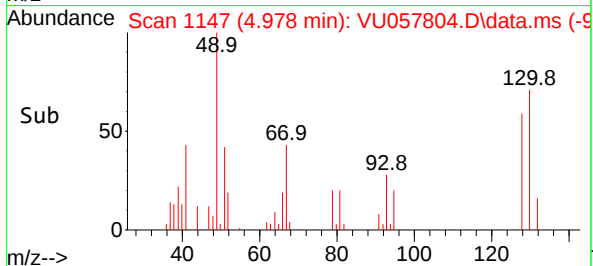
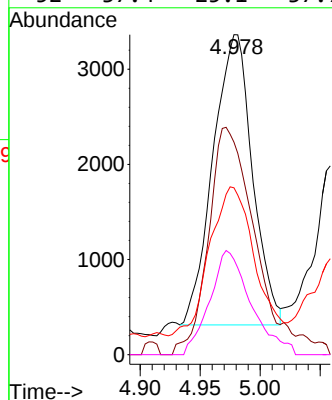
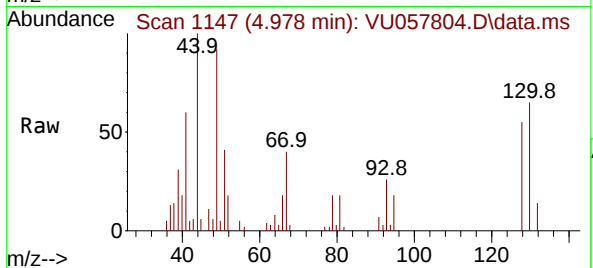
Ion	Ratio	Lower	Upper
41	100		
67	94.0	66.8	100.2
39	57.6	41.2	61.8
52	37.4	25.1	37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#40

Methyl acrylate

Concen: 2.416 ug/l

RT: 4.849 min Scan# 1107

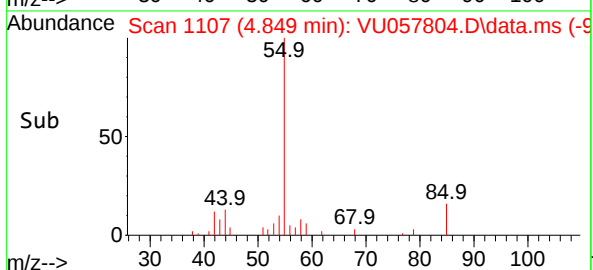
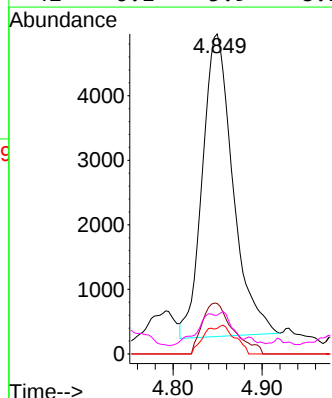
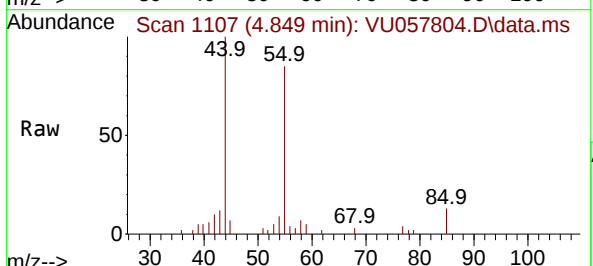
Delta R.T. 0.007 min

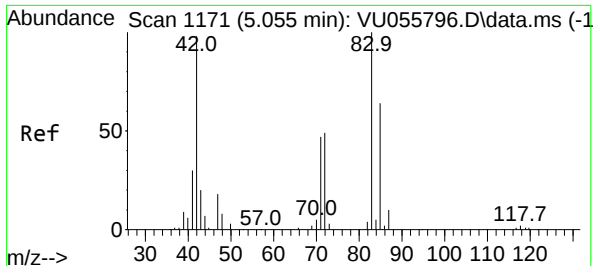
Lab File: VU057804.D

Acq: 05 Feb 2024 12:53

Tgt Ion: 55 Resp: 11129

Ion	Ratio	Lower	Upper
55	100		
85	17.0	13.3	19.9
58	9.4	6.5	9.7
42	6.1	5.9	8.9





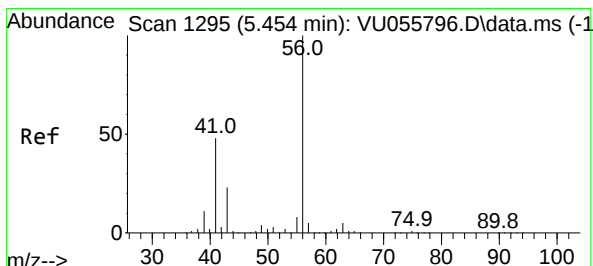
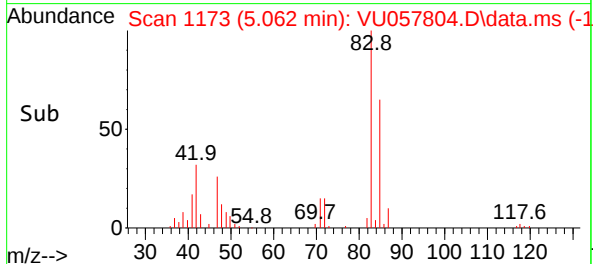
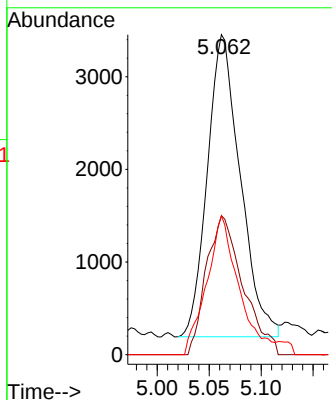
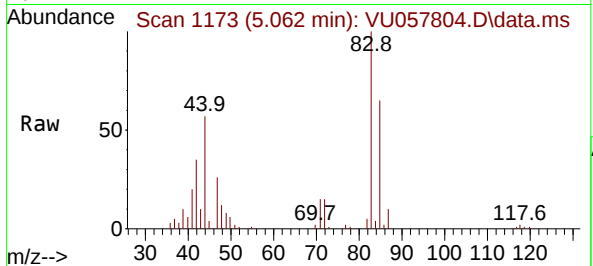
#41
Tetrahydrofuran
Concen: 4.437 ug/l
RT: 5.062 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 42 Resp: 7180
Ion Ratio Lower Upper
42 100
72 51.0 40.9 61.3
71 44.9 36.9 55.3

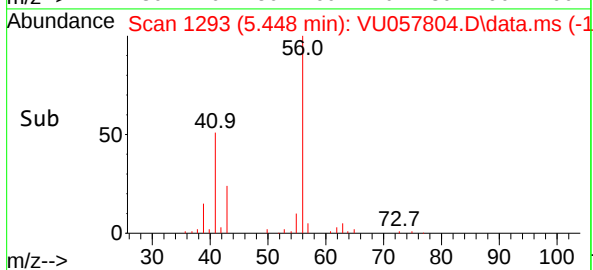
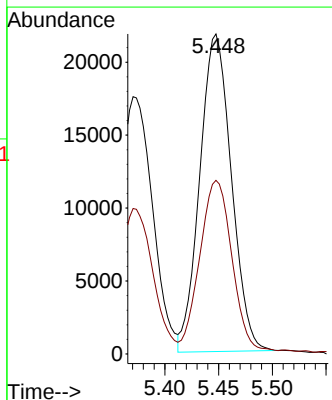
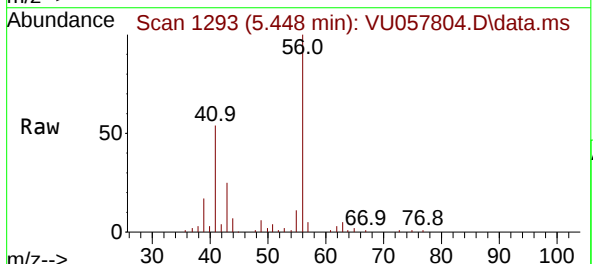
Manual Integrations
APPROVED

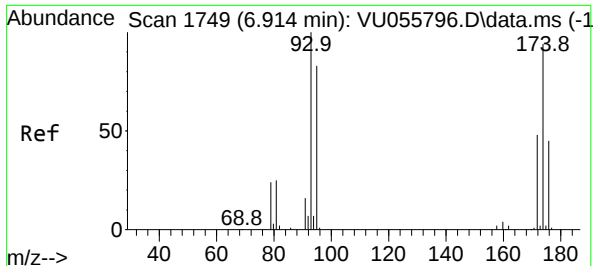
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#42
1-Chlorobutane
Concen: 1.979 ug/l
RT: 5.448 min Scan# 1293
Delta R.T. 0.003 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

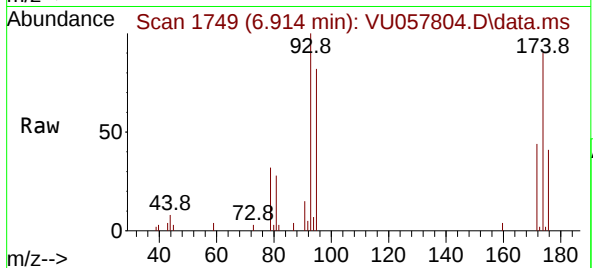
Tgt Ion: 56 Resp: 44481
Ion Ratio Lower Upper
56 100
41 54.2 25.2 75.6





#43
Dibromomethane
Concen: 2.055 ug/l
RT: 6.914 min Scan# 1749
Delta R.T. 0.003 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

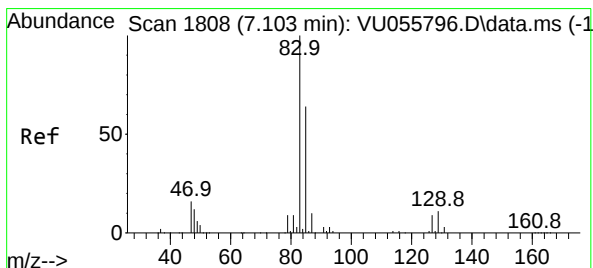
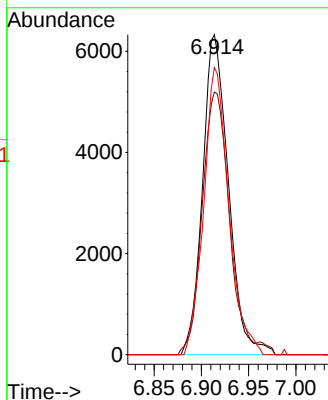
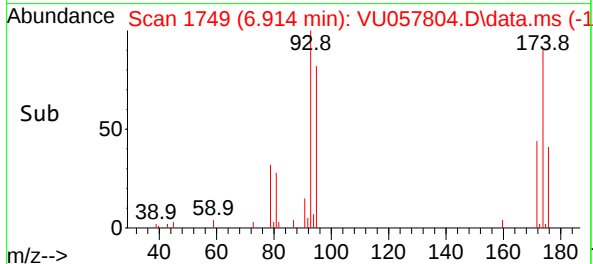
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



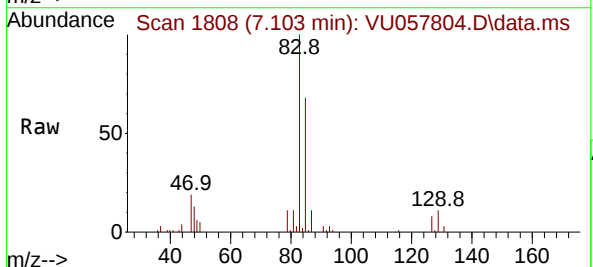
Tgt Ion: 93 Resp: 12035
Ion Ratio Lower Upper
93 100
95 85.5 67.0 100.6
174 87.3 73.8 110.6

Manual Integrations
APPROVED

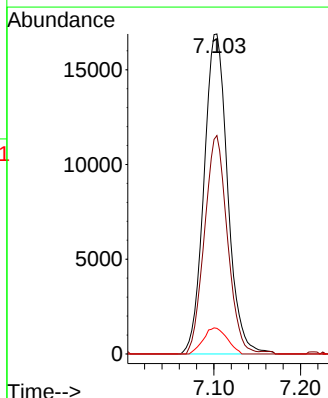
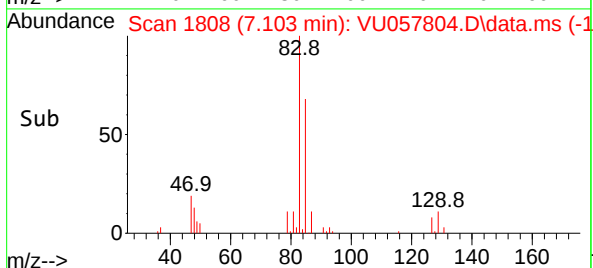
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

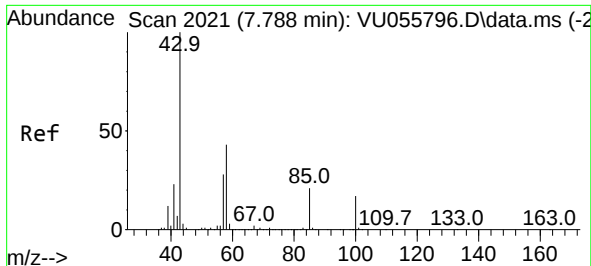


#44
Bromodichloromethane
Concen: 1.957 ug/l
RT: 7.103 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53



Tgt Ion: 83 Resp: 32058
Ion Ratio Lower Upper
83 100
85 68.3 51.9 77.9
127 9.1 6.7 10.1





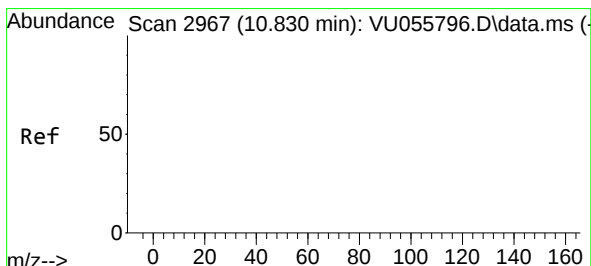
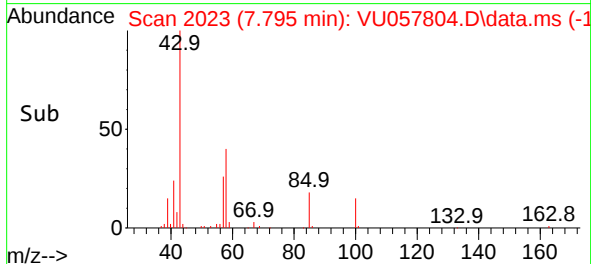
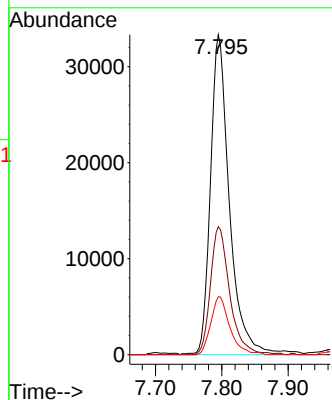
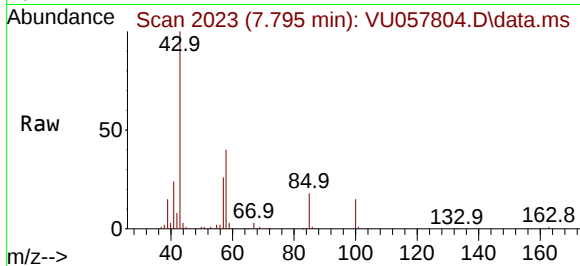
#45
4-Methyl-2-Pentanone
Concen: 10.968 ug/l
RT: 7.795 min Scan# 2021
Delta R.T. 0.000 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 65874
Ion Ratio Lower Upper
43 100
58 40.7 20.9 62.8
85 18.3 14.6 21.8

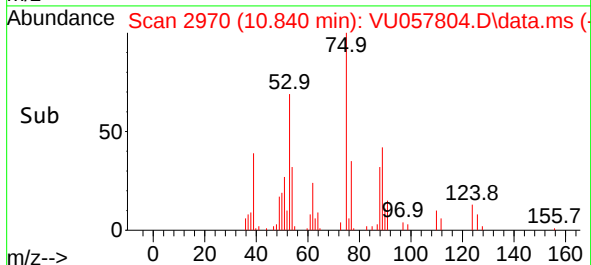
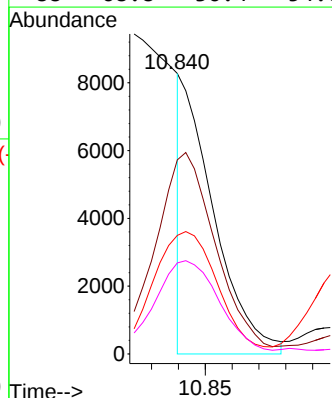
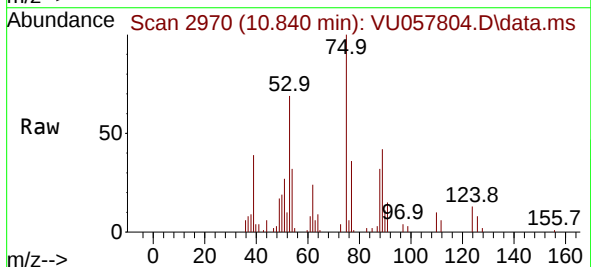
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#46
t-1,4-Dichloro-2-butene
Concen: 4.008 ug/l m
RT: 10.840 min Scan# 2970
Delta R.T. 0.003 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

Tgt Ion: 75 Resp: 6783
Ion Ratio Lower Upper
75 100
53 139.6 73.3 109.9#
89 90.3 48.2 72.4#
88 68.8 36.4 54.6#





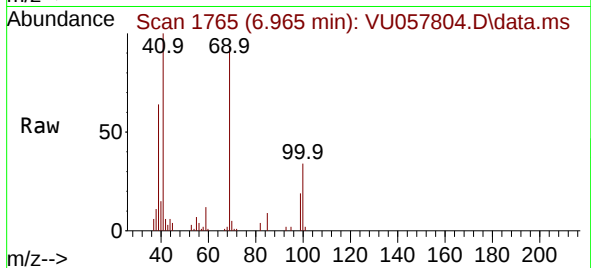
#47
Methyl methacrylate
Concen: 4.210 ug/l
RT: 6.965 min Scan# 1765
Delta R.T. 0.003 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002



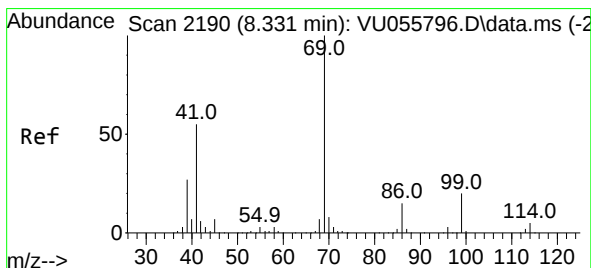
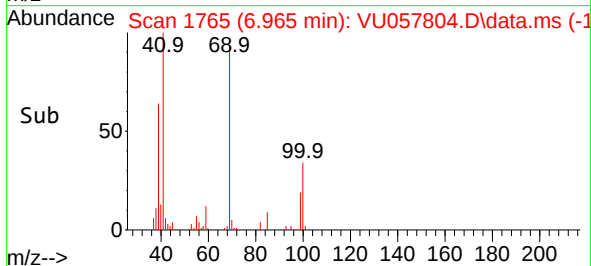
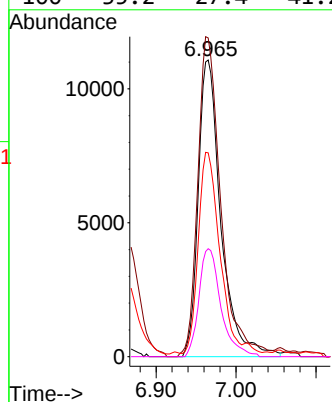
Tgt Ion: 69 Resp: 21920
Ion Ratio Lower Upper
69 100
41 109.2 0.0 209.2
39 62.9 46.7 70.1
100 35.2 27.4 41.2

Manual Integrations

APPROVED

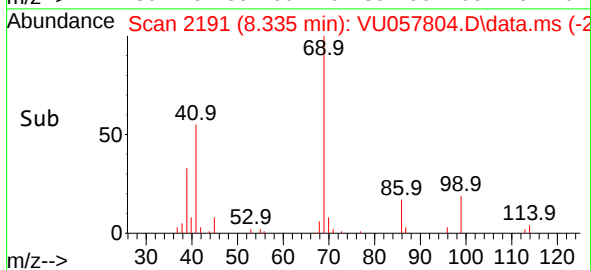
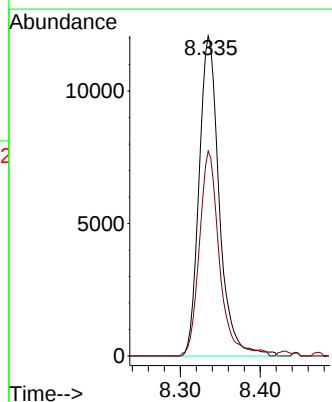
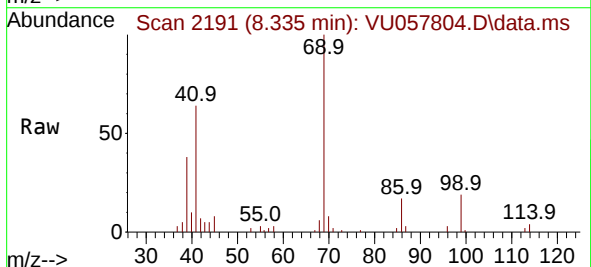
Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#48
Ethyl methacrylate
Concen: 2.042 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. 0.003 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

Tgt Ion: 69 Resp: 21155
Ion Ratio Lower Upper
69 100
41 63.0 30.3 90.8





#49

Toluene

Concen: 1.972 ug/l

RT: 7.965 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU057804.D

Acq: 05 Feb 2024 12:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 92 Resp: 5904

Ion Ratio Lower Upper

92 100

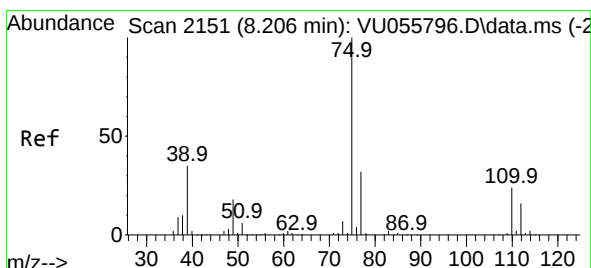
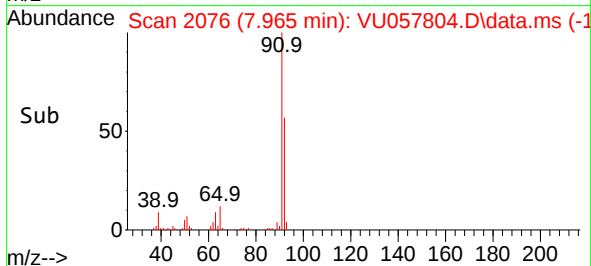
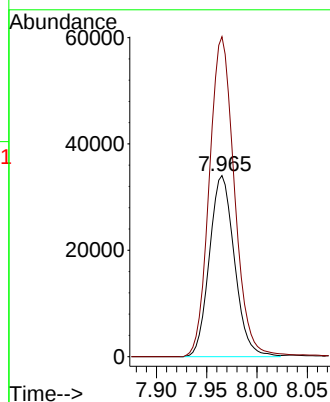
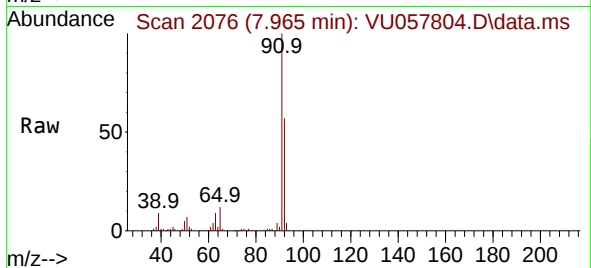
91 177.5 143.0 214.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#50

t-1,3-Dichloropropene

Concen: 2.048 ug/l

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU057804.D

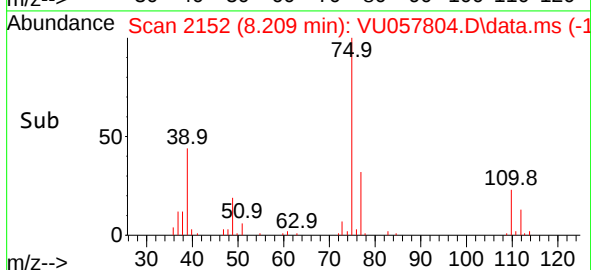
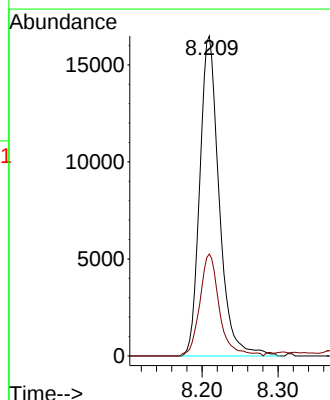
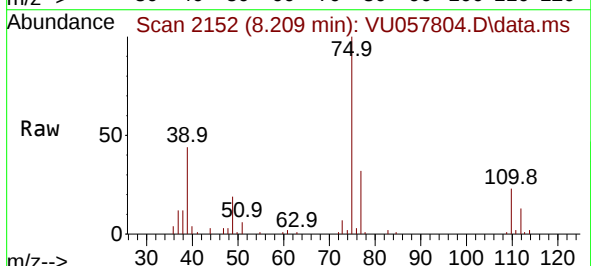
Acq: 05 Feb 2024 12:53

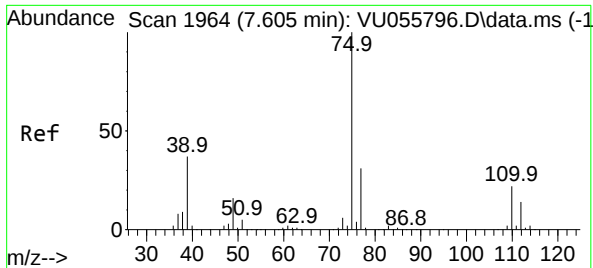
Tgt Ion: 75 Resp: 29134

Ion Ratio Lower Upper

75 100

77 31.9 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 2.010 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.003 min
 Lab File: VU057804.D
 Acq: 05 Feb 2024 12:53

Instrument :

MSVOA_U

ClientSampleId :

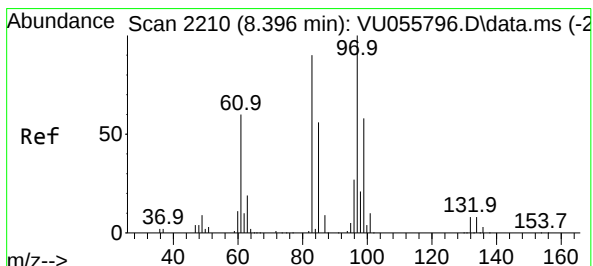
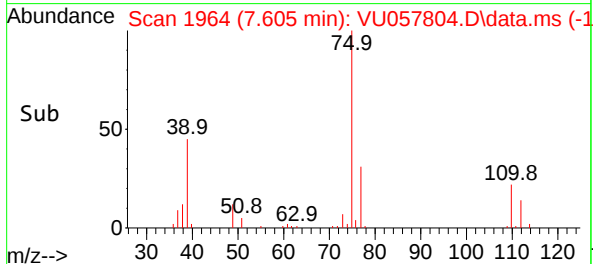
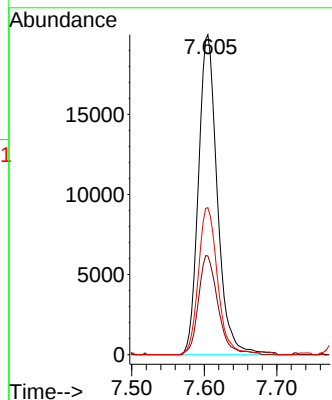
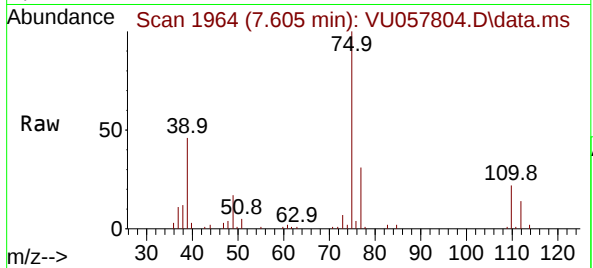
VSTDIC002

Tgt Ion: 75 Resp: 3605
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.7 38.5
 39 46.0 32.8 49.2

Manual Integrations

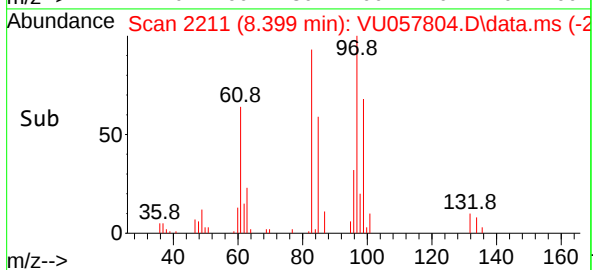
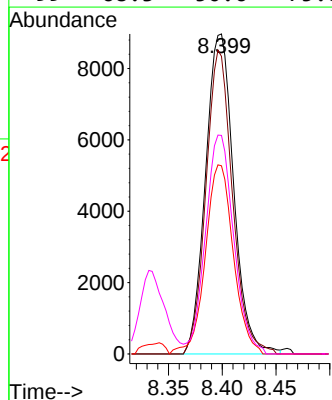
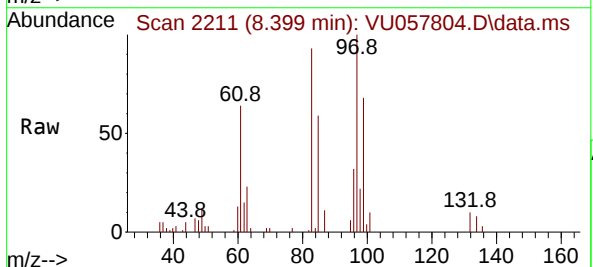
APPROVED

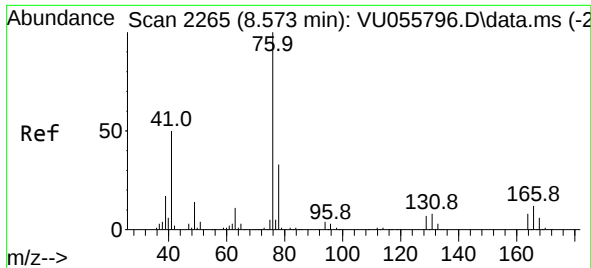
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024



#52
 1,1,2-Trichloroethane
 Concen: 2.015 ug/l
 RT: 8.399 min Scan# 2211
 Delta R.T. 0.003 min
 Lab File: VU057804.D
 Acq: 05 Feb 2024 12:53

Tgt Ion: 97 Resp: 16314
 Ion Ratio Lower Upper
 97 100
 83 93.0 71.8 107.8
 85 58.8 45.2 67.8
 99 68.3 50.6 75.8





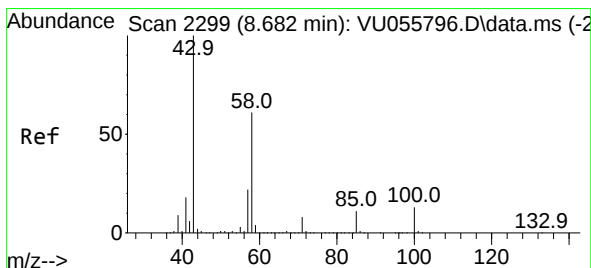
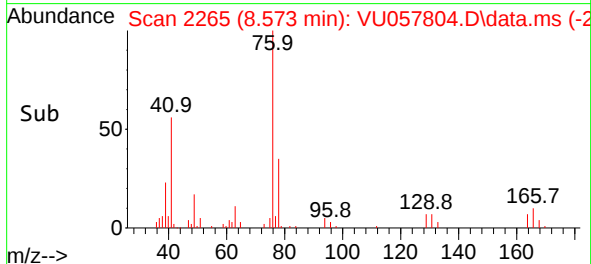
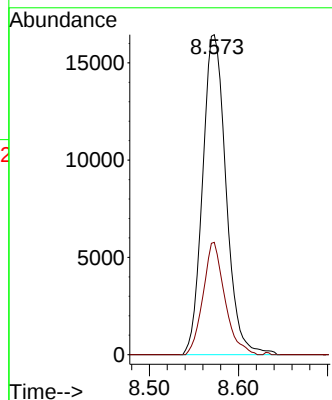
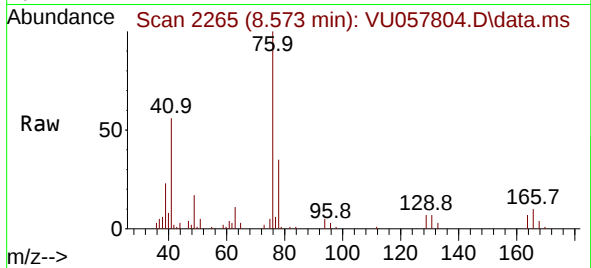
#53
1,3-Dichloropropane
Concen: 2.056 ug/l
RT: 8.573 min Scan# 2100
Delta R.T. 0.003 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 76 Resp: 3000
Ion Ratio Lower Upper
76 100
78 32.6 25.9 38.9

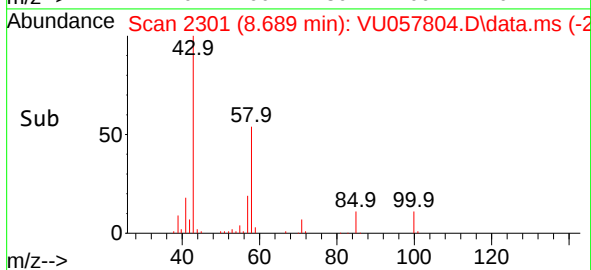
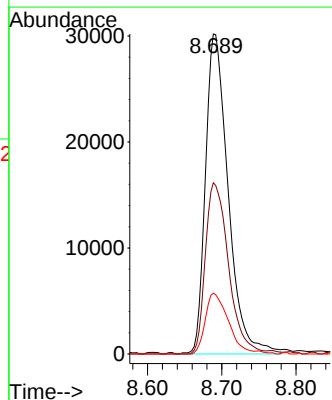
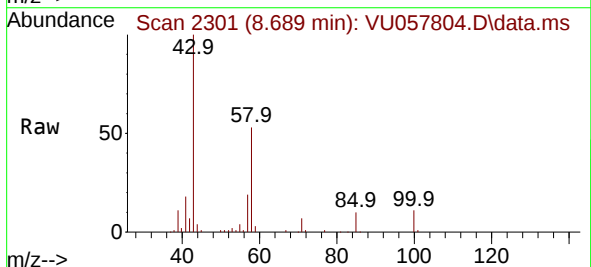
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#54
2-Hexanone
Concen: 11.280 ug/l
RT: 8.689 min Scan# 2301
Delta R.T. 0.003 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

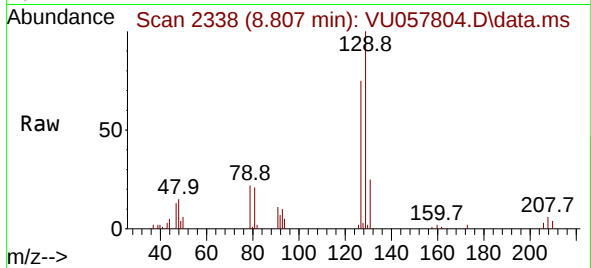
Tgt Ion: 43 Resp: 64086
Ion Ratio Lower Upper
43 100
58 54.5 38.2 78.2
57 19.5 0.0 39.1





#55
Dibromochloromethane
Concen: 1.904 ug/l
RT: 8.807 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

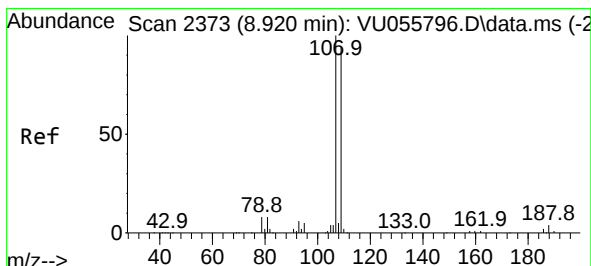
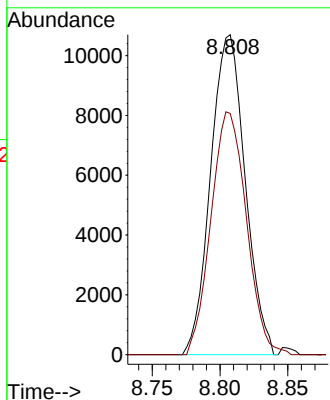
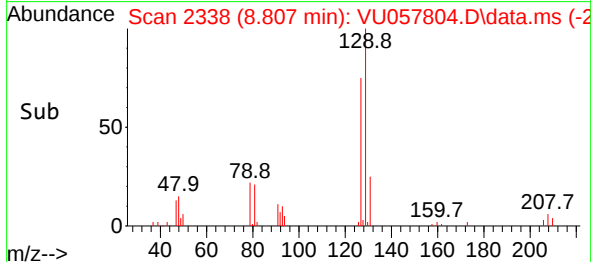
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



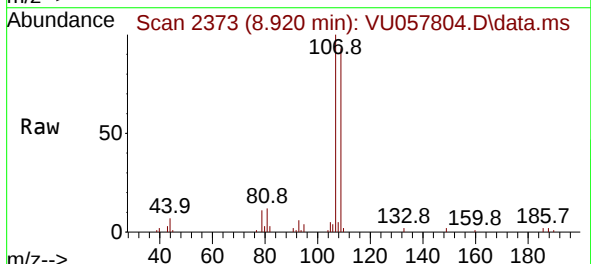
Tgt Ion:129 Resp: 1897
Ion Ratio Lower Upper
129 100
127 77.7 61.4 92.0

Manual Integrations
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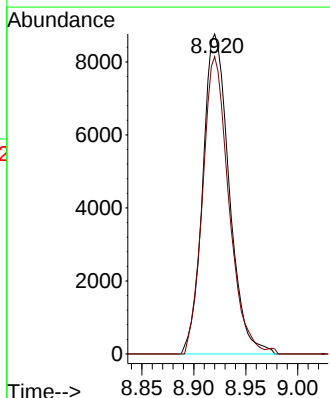
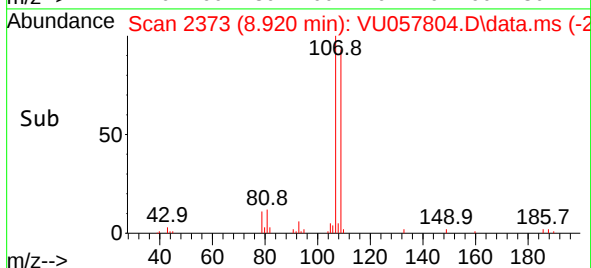
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

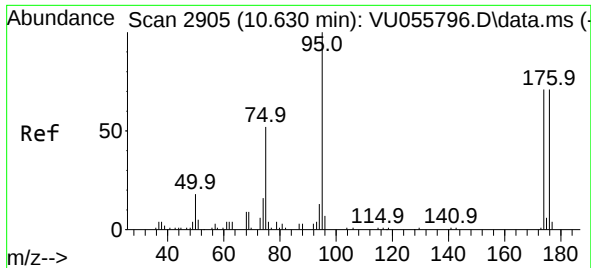


#56
1,2-Dibromoethane
Concen: 2.085 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53



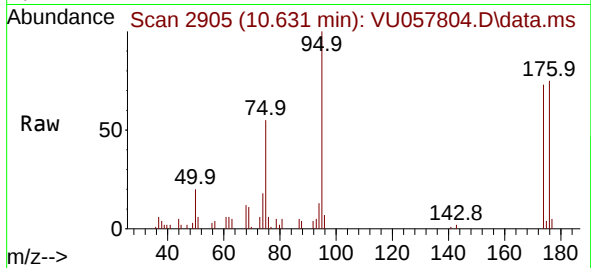
Tgt Ion:107 Resp: 15497
Ion Ratio Lower Upper
107 100
109 91.7 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 0.932 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

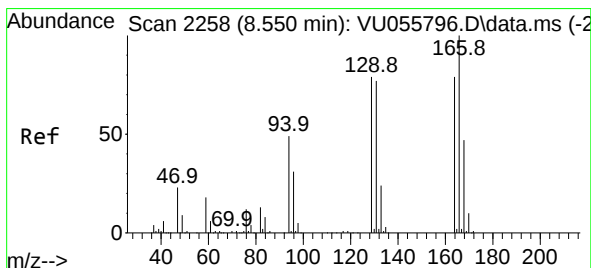
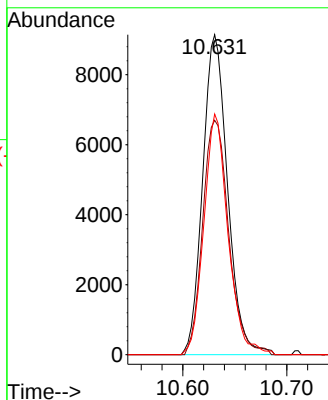
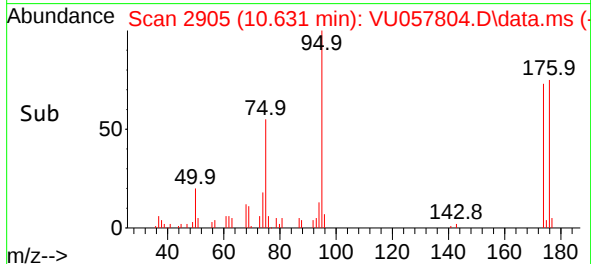
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



Tgt Ion: 95 Resp: 1520
Ion Ratio Lower Upper
95 100
174 76.7 63.3 94.9
176 73.1 59.3 88.9

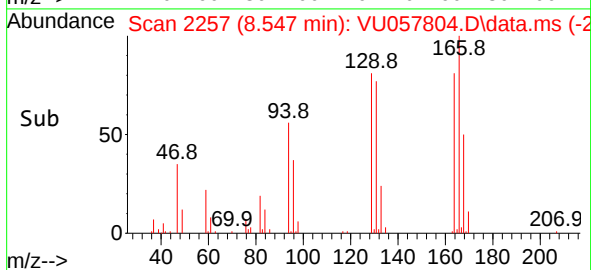
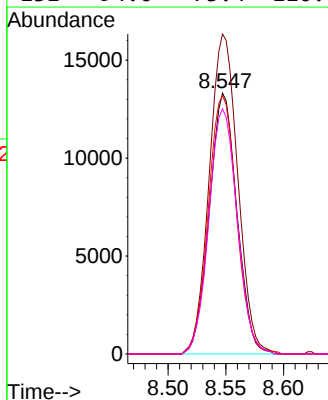
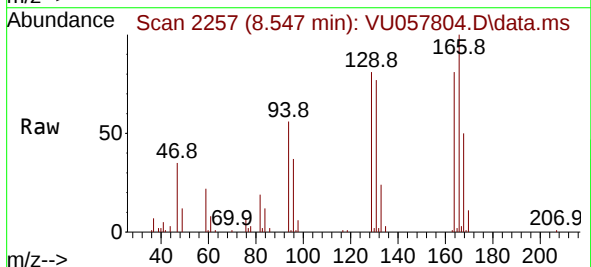
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#58
Tetrachloroethene
Concen: 1.939 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

Tgt Ion:164 Resp: 22175
Ion Ratio Lower Upper
164 100
166 122.7 99.6 149.4
129 99.1 78.6 117.8
131 94.0 73.4 110.0





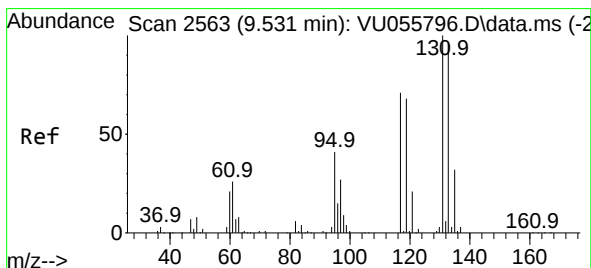
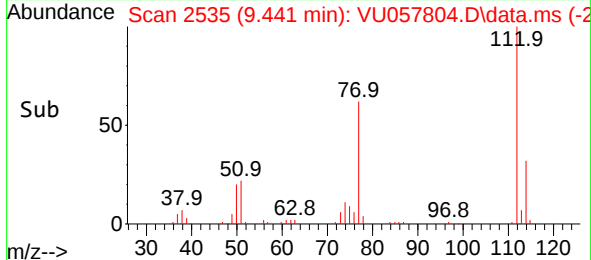
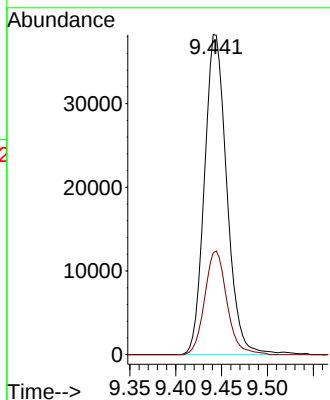
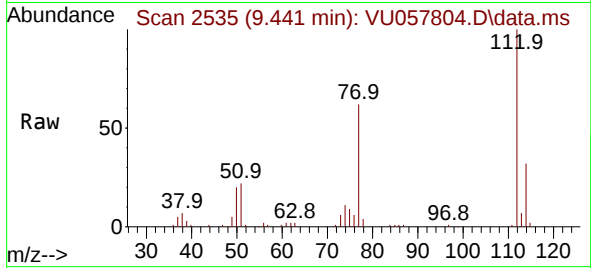
#59
Chlorobenzene
Concen: 1.971 ug/l
RT: 9.441 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:112 Resp: 64920
Ion Ratio Lower Upper
112 100
114 31.9 25.6 38.4

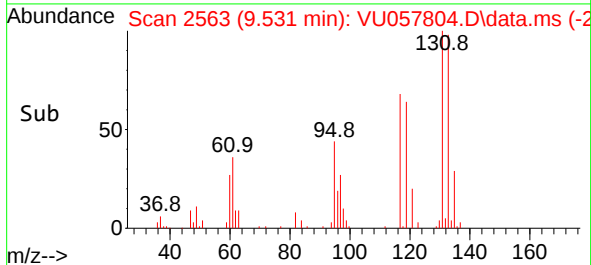
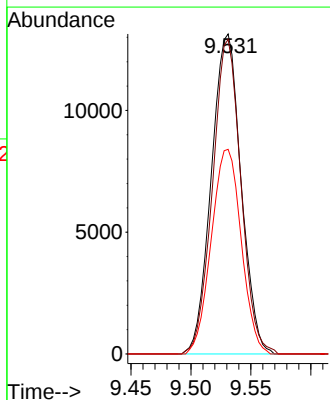
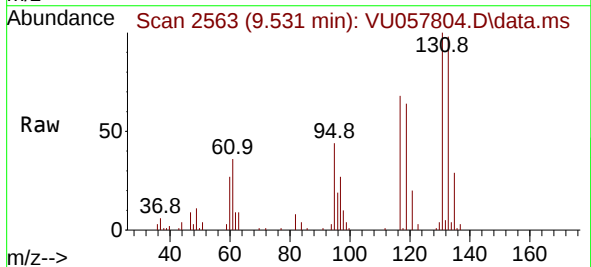
Manual Integrations
APPROVED

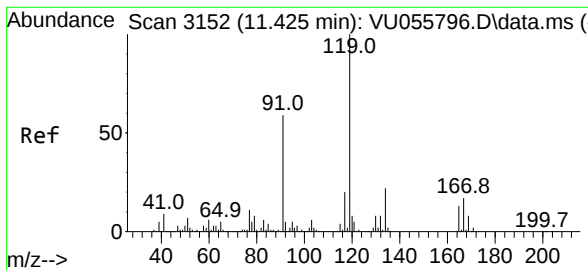
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#60
1,1,1,2-Tetrachloroethane
Concen: 2.017 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. 0.003 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

Tgt Ion:131 Resp: 22625
Ion Ratio Lower Upper
131 100
133 93.8 77.8 116.6
119 64.4 55.2 82.8





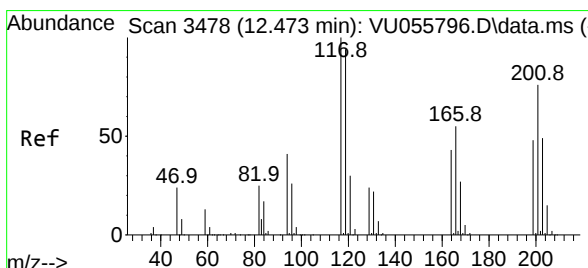
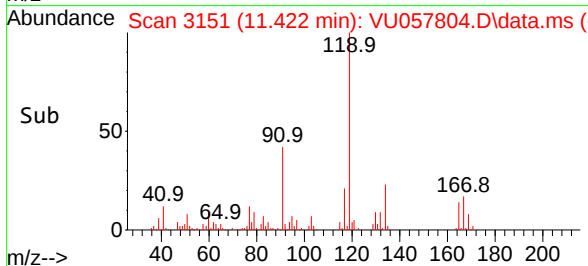
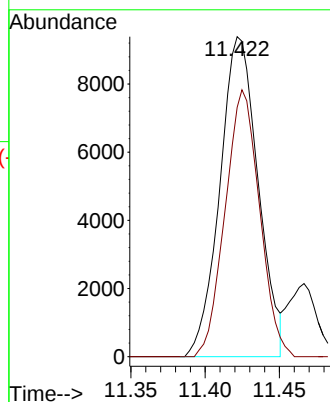
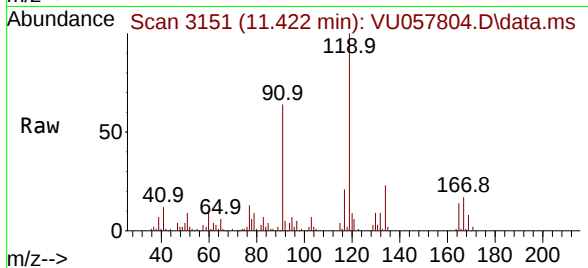
#61
 Pentachloroethane
 Concen: 2.086 ug/l
 RT: 11.422 min Scan# 3152
 Delta R.T. -0.003 min
 Lab File: VU057804.D
 Acq: 05 Feb 2024 12:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC002

Tgt Ion:117 Resp: 16815
 Ion Ratio Lower Upper
 117 100
 167 75.0 56.7 85.1

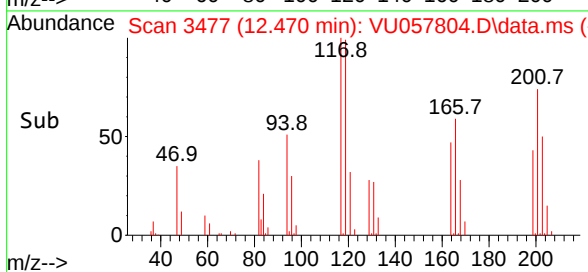
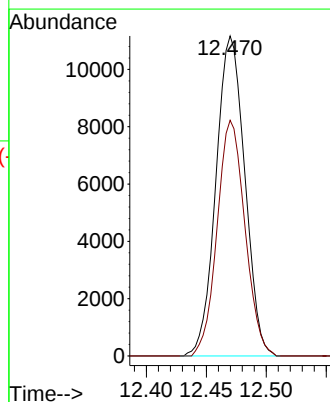
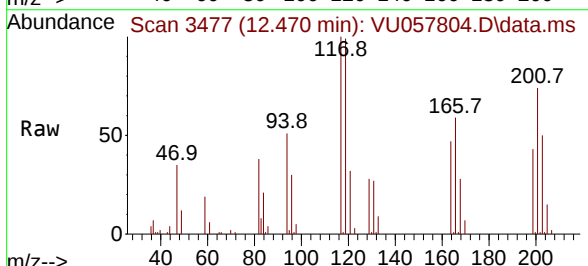
Manual Integrations
 APPROVED

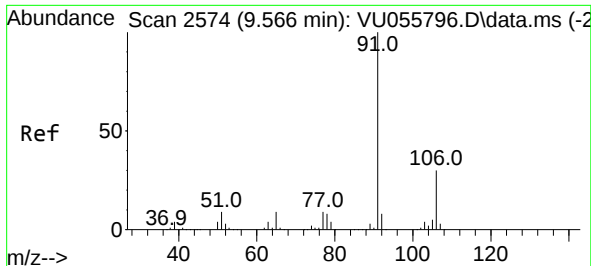
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024



#62
 Hexachloroethane
 Concen: 2.096 ug/l
 RT: 12.470 min Scan# 3477
 Delta R.T. -0.003 min
 Lab File: VU057804.D
 Acq: 05 Feb 2024 12:53

Tgt Ion:117 Resp: 18665
 Ion Ratio Lower Upper
 117 100
 201 71.1 59.6 89.4





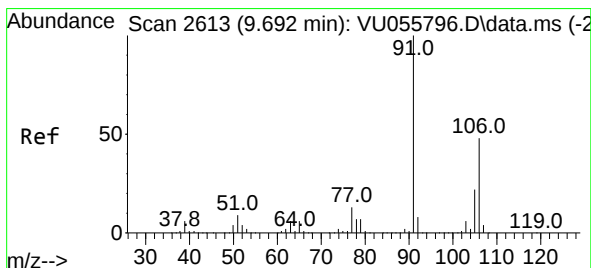
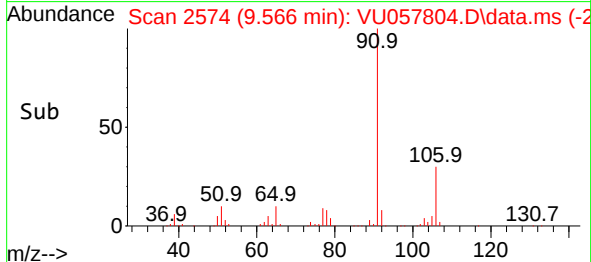
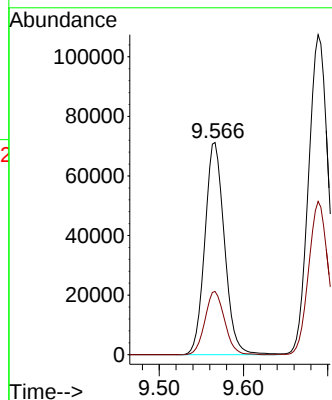
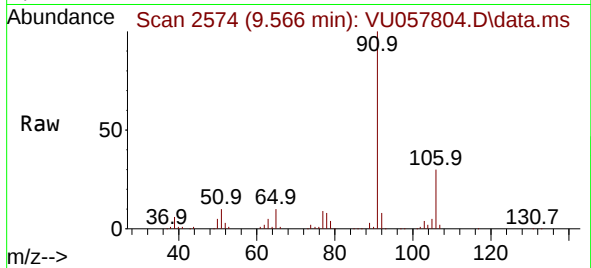
#63
Ethyl Benzene
Concen: 1.970 ug/l
RT: 9.566 min Scan# 21547
Delta R.T. 0.003 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 11547
Ion Ratio Lower Upper
91 100
106 29.8 24.2 36.2

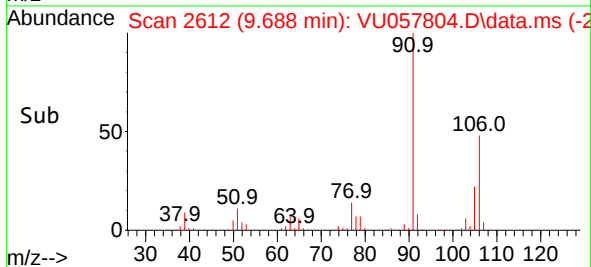
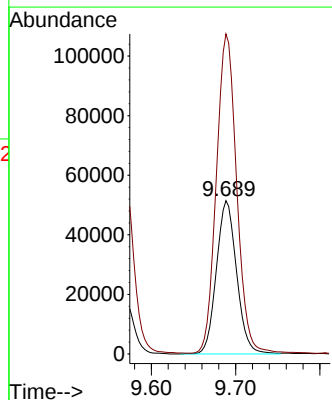
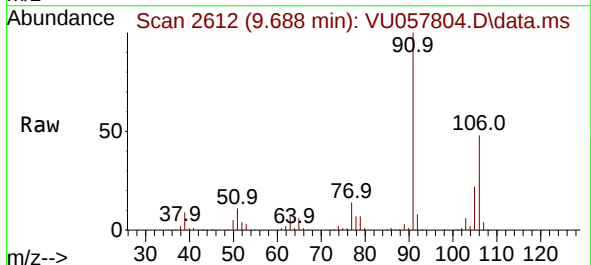
Manual Integrations
APPROVED

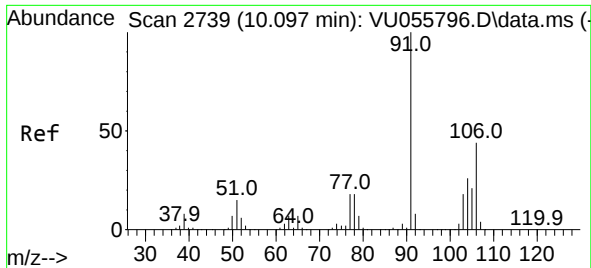
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#64
m/p-Xylenes
Concen: 4.027 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

Tgt Ion:106 Resp: 85662
Ion Ratio Lower Upper
106 100
91 210.1 167.3 250.9





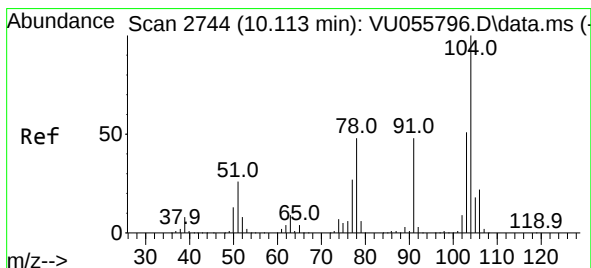
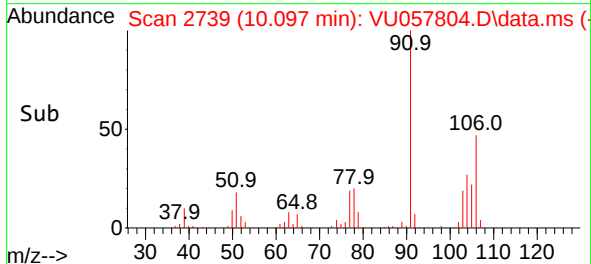
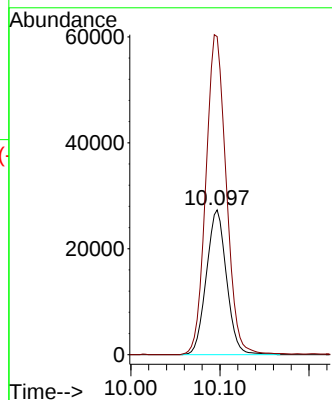
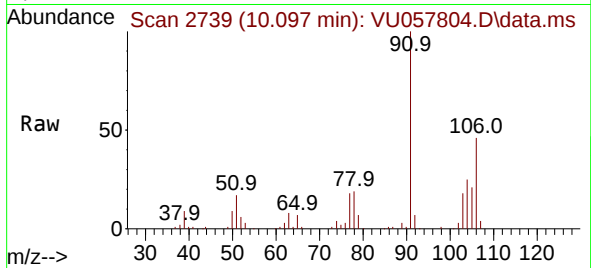
#65
o-Xylene
Concen: 2.043 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.003 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:106 Resp: 42994
Ion Ratio Lower Upper
106 100
91 223.7 109.3 327.9

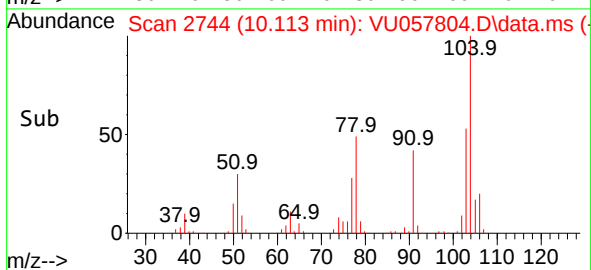
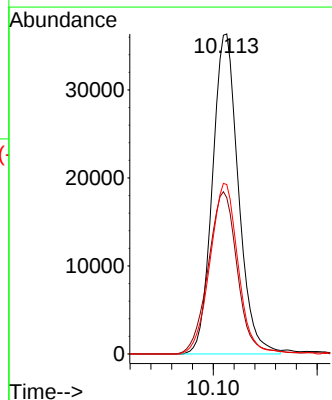
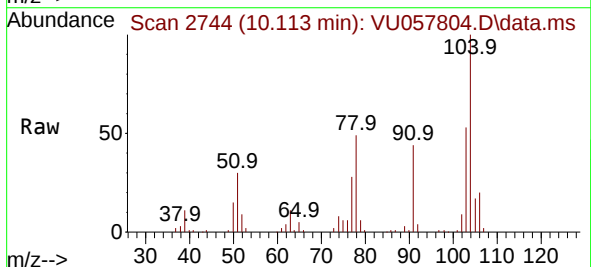
Manual Integrations
APPROVED

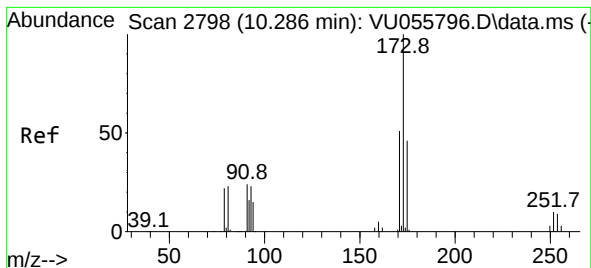
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#66
Styrene
Concen: 2.007 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

Tgt Ion:104 Resp: 63155
Ion Ratio Lower Upper
104 100
78 56.8 39.7 59.5
103 58.1 44.8 67.2





#67

Bromoform

Concen: 1.885 ug/l

RT: 10.287 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU057804.D

Acq: 05 Feb 2024 12:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

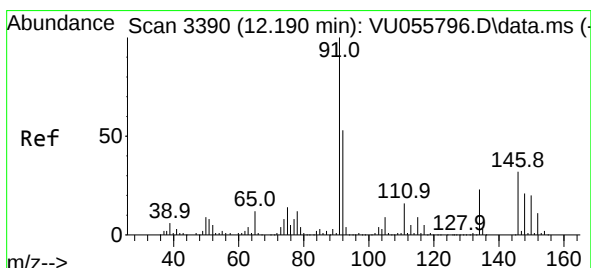
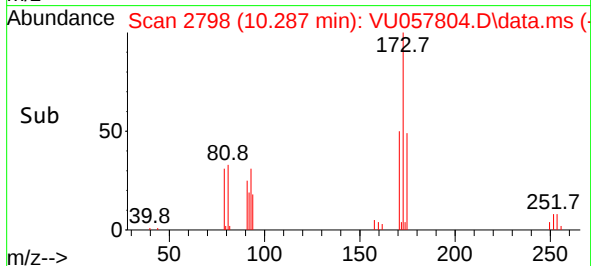
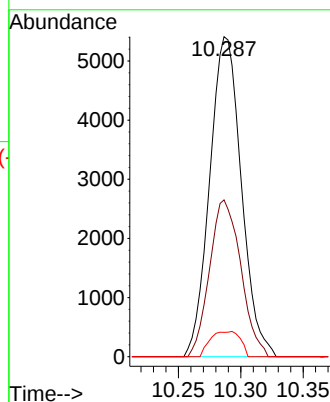
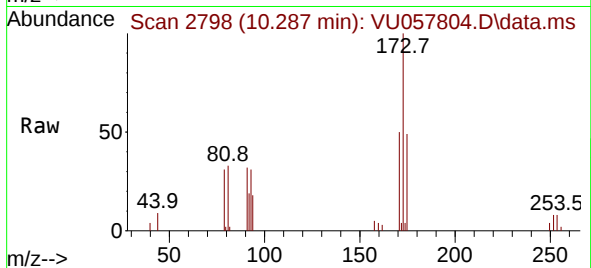
Tgt Ion:	173	Resp:	956
Ion Ratio	Lower	Upper	
173	100		
175	48.3	39.0	58.6
254	7.5	7.4	11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#68

1,2-Dichlorobenzene-d4

Concen: 0.964 ug/l

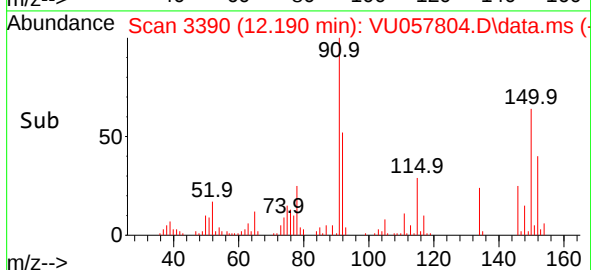
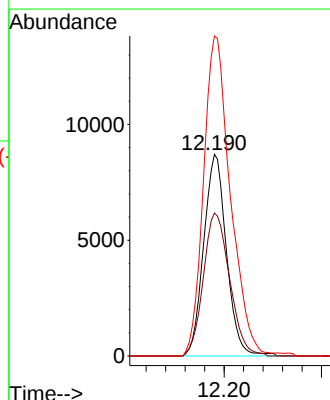
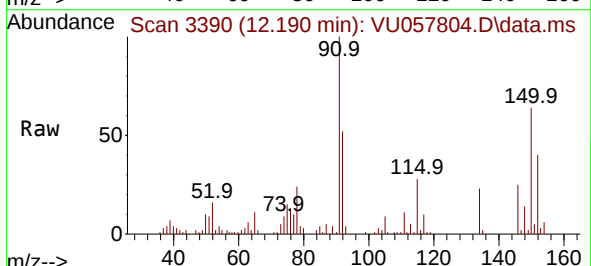
RT: 12.190 min Scan# 3390

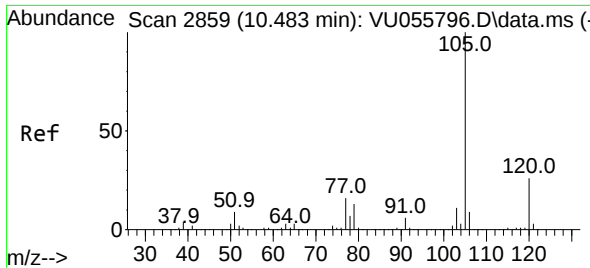
Delta R.T. -0.003 min

Lab File: VU057804.D

Acq: 05 Feb 2024 12:53

Tgt Ion:	152	Resp:	14090
Ion Ratio	Lower	Upper	
152	100		
115	81.8	0.0	308.8
150	188.5	0.0	635.0





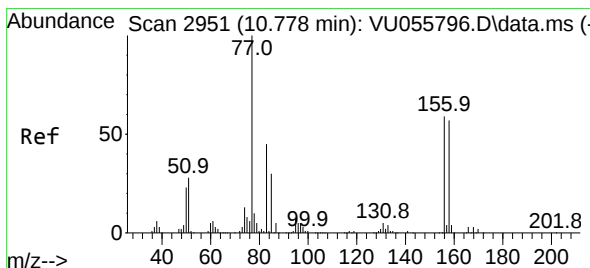
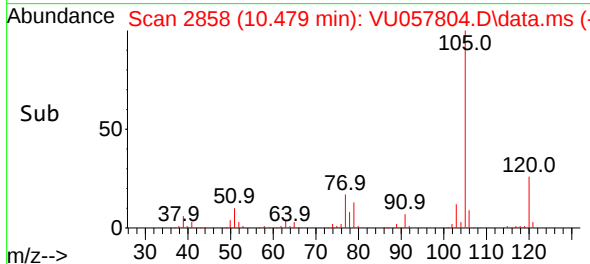
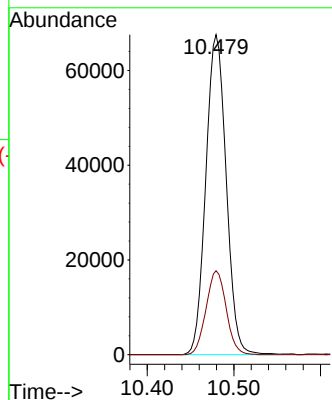
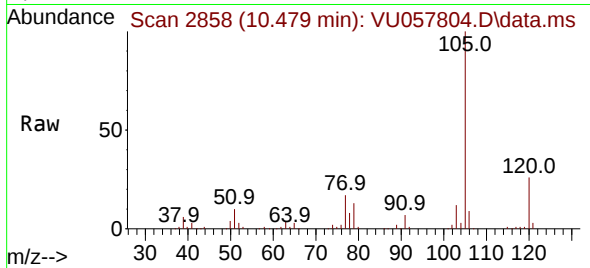
#69
Isopropylbenzene
Concen: 2.003 ug/l
RT: 10.479 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:105 Resp: 110439
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.4

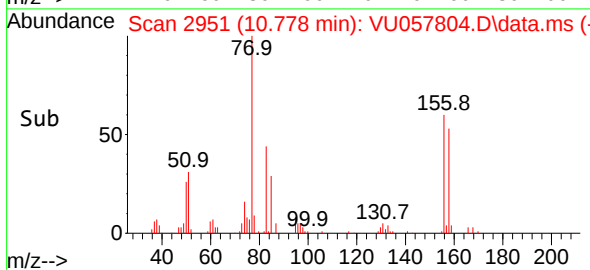
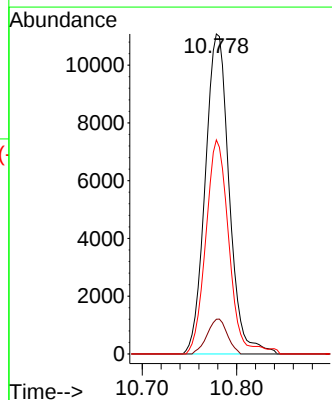
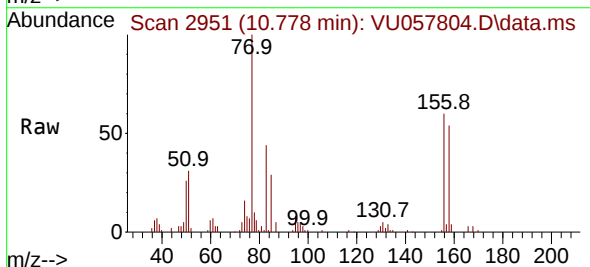
Manual Integrations
APPROVED

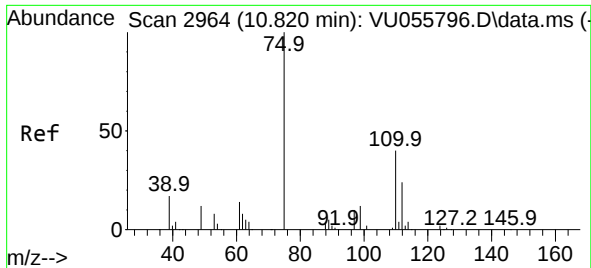
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#70
1,1,2,2-Tetrachloroethane
Concen: 1.942 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

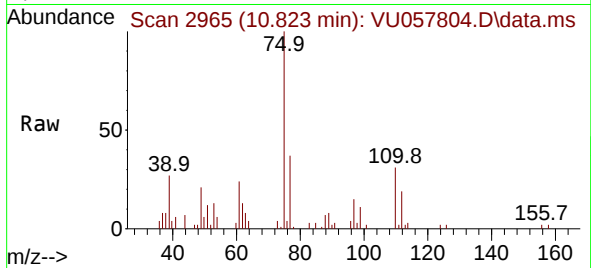
Tgt Ion: 83 Resp: 19465
Ion Ratio Lower Upper
83 100
131 9.2 7.2 10.8
85 64.8 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 2.240 ug/l m
RT: 10.823 min Scan# 2965
Delta R.T. -0.009 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

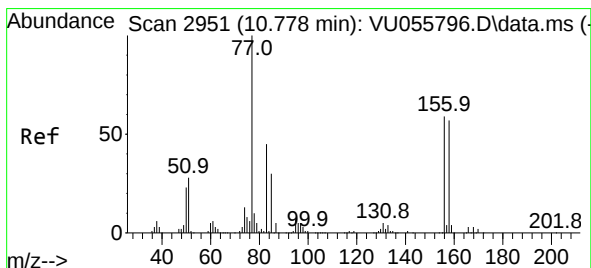
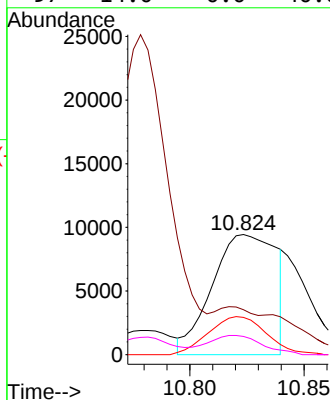
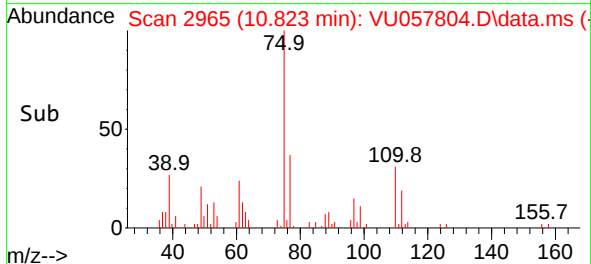
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



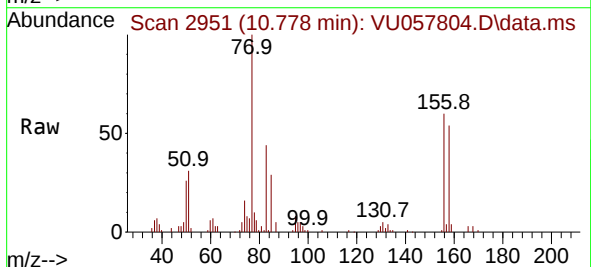
Tgt Ion:	75	Resp:	1839
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	116.4
110	28.8	0.0	74.6
97	14.0	0.0	40.0

Manual Integrations
APPROVED

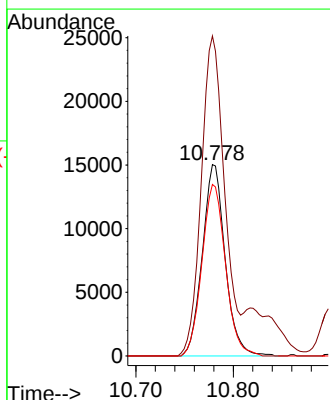
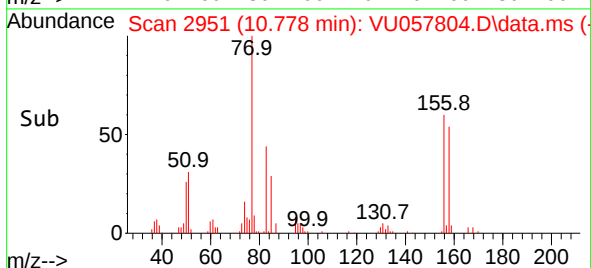
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

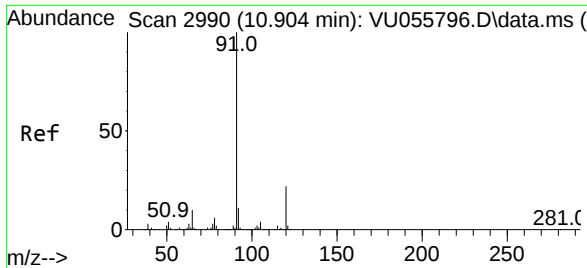


#72
Bromobenzene
Concen: 2.023 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53



Tgt Ion:	156	Resp:	24384
Ion Ratio	Lower	Upper	
156	100		
77	170.5	0.0	343.0
158	92.7	0.0	194.8





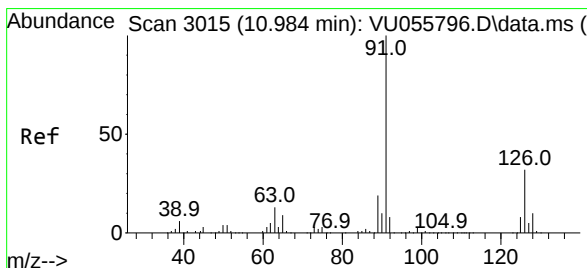
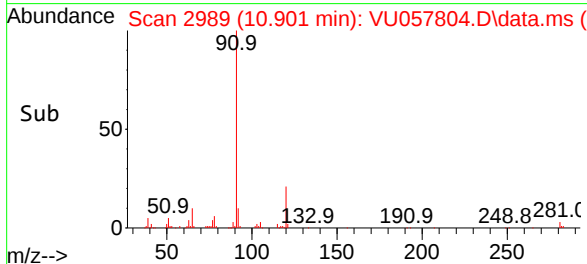
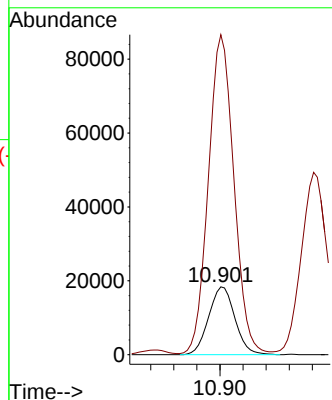
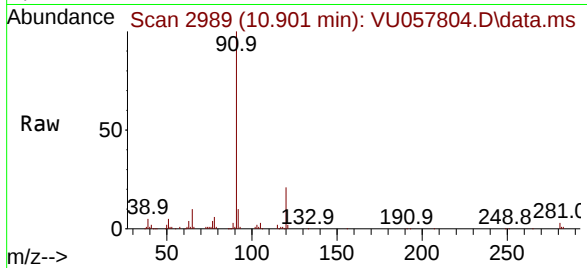
#73
n-propylbenzene
Concen: 2.080 ug/l
RT: 10.901 min Scan# 2990
Delta R.T. 0.000 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:120 Resp: 28954
Ion Ratio Lower Upper
120 100
91 456.2 369.8 554.6

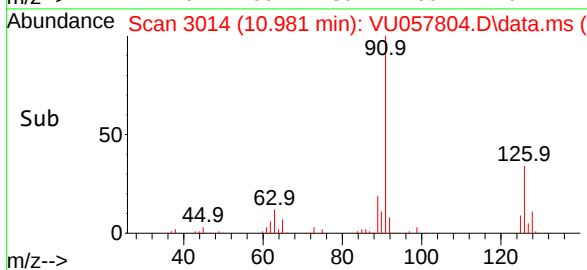
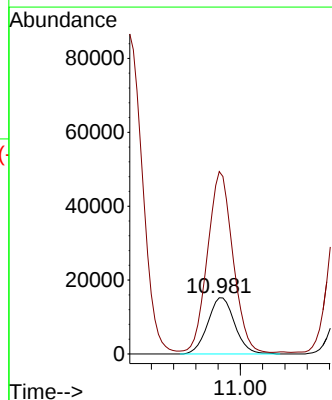
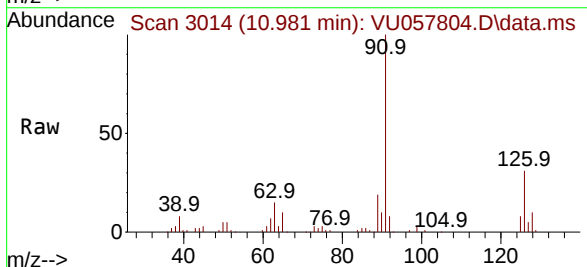
Manual Integrations
APPROVED

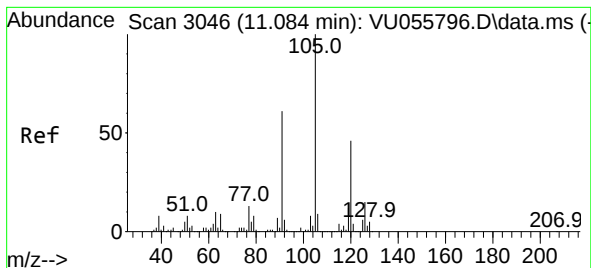
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#74
2-Chlorotoluene
Concen: 1.998 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.000 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

Tgt Ion:126 Resp: 25550
Ion Ratio Lower Upper
126 100
91 302.7 0.0 610.0





#75

1,3,5-Trimethylbenzene

Concen: 1.992 ug/l

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU057804.D

Acq: 05 Feb 2024 12:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion:105 Resp: 9451

Ion Ratio Lower Upper

105 100

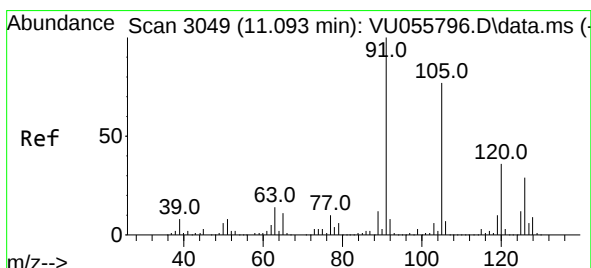
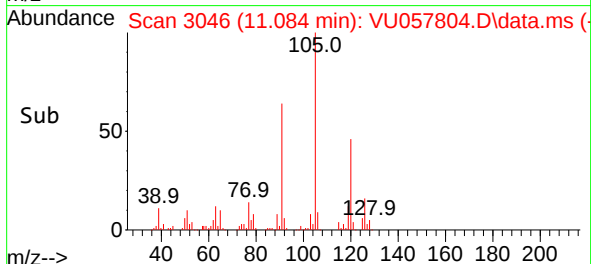
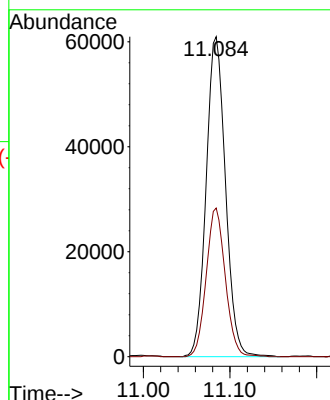
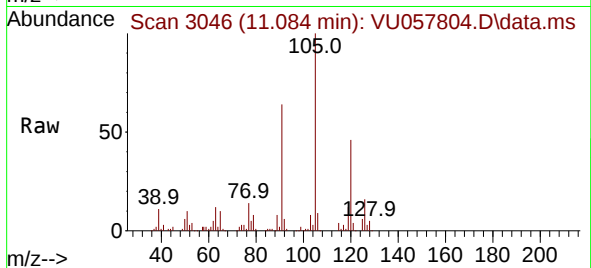
120 45.8 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#76

4-Chlorotoluene

Concen: 2.039 ug/l

RT: 11.094 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VU057804.D

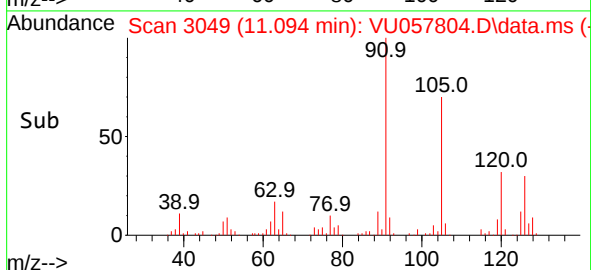
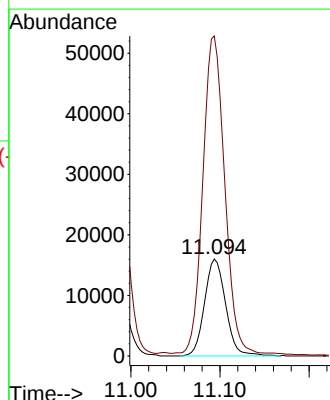
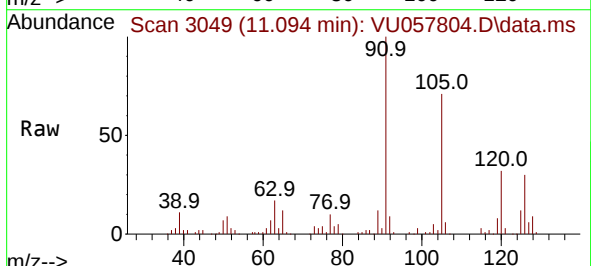
Acq: 05 Feb 2024 12:53

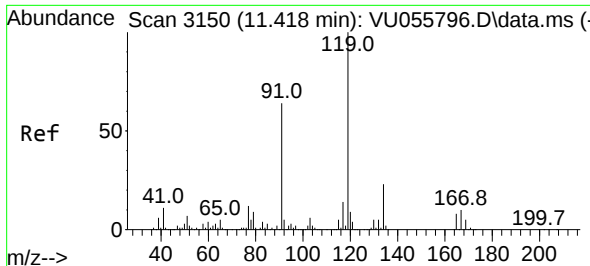
Tgt Ion:126 Resp: 26285

Ion Ratio Lower Upper

126 100

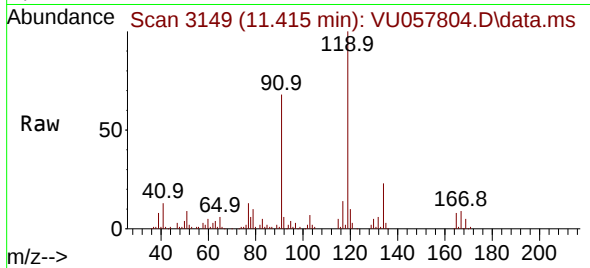
91 343.9 0.0 686.2





#77
tert-Butylbenzene
Concen: 2.016 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

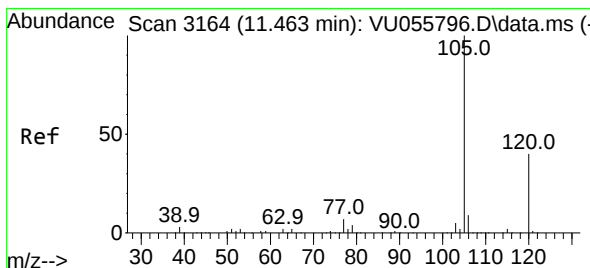
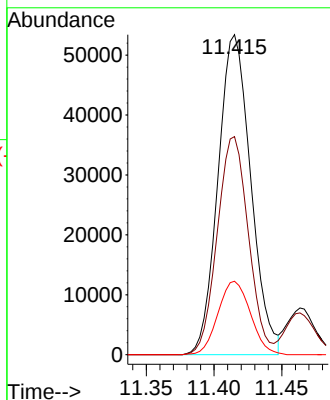
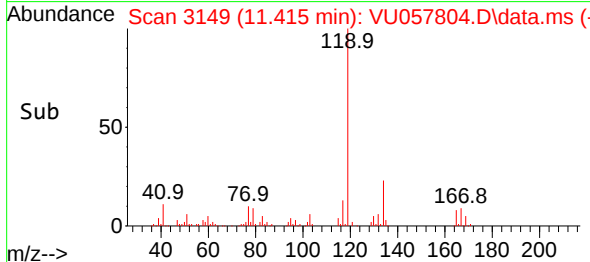
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



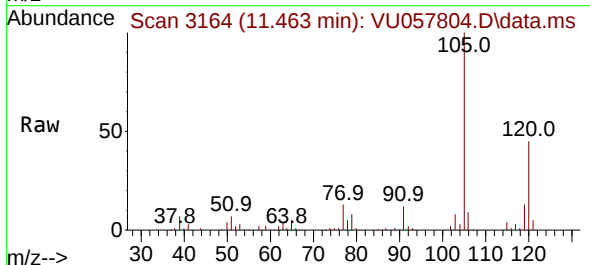
Tgt Ion:119 Resp: 89910
Ion Ratio Lower Upper
119 100
91 64.7 30.8 92.4
134 22.6 18.0 27.0

Manual Integrations
APPROVED

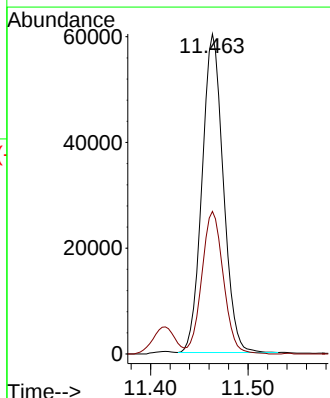
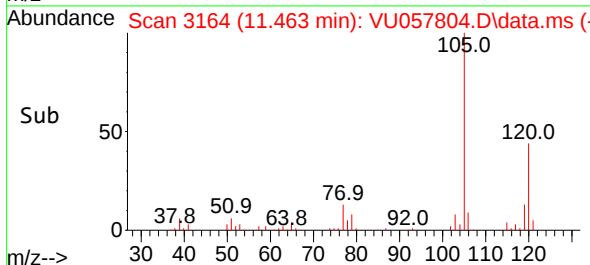
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

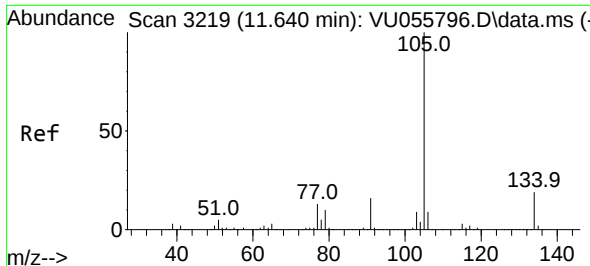


#78
1,2,4-Trimethylbenzene
Concen: 1.896 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53



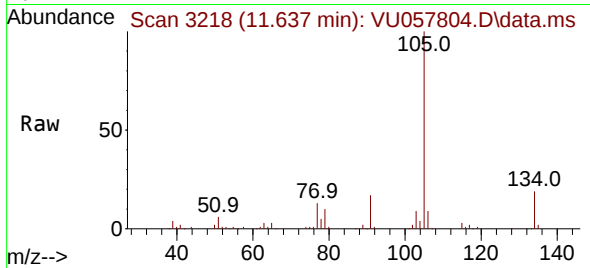
Tgt Ion:105 Resp: 91221
Ion Ratio Lower Upper
105 100
120 45.5 21.9 65.8





#79
sec-Butylbenzene
Concen: 2.068 ug/l
RT: 11.637 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

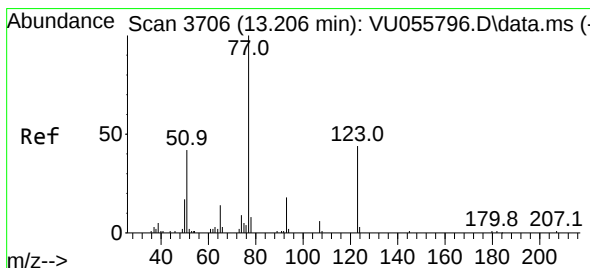
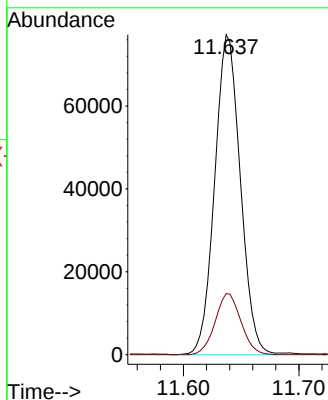
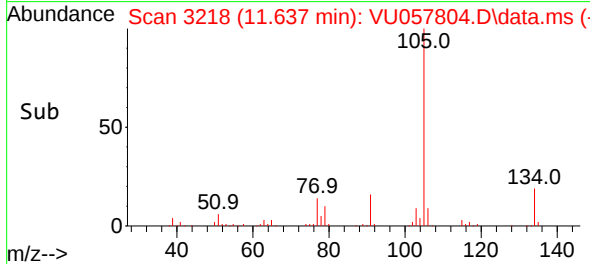
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



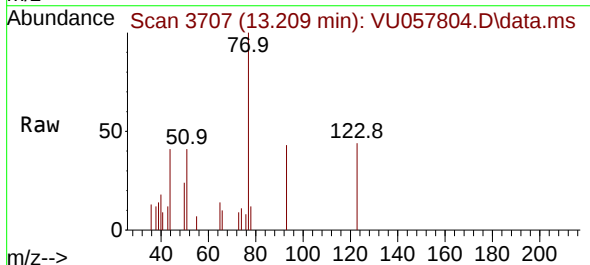
Tgt Ion:105 Resp: 118880
Ion Ratio Lower Upper
105 100
134 19.2 14.9 22.3

Manual Integrations
APPROVED

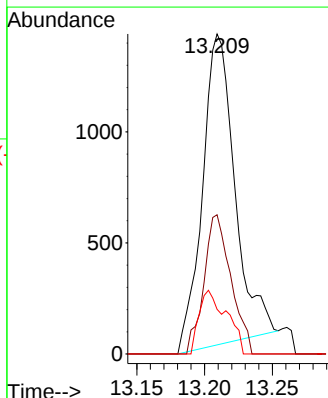
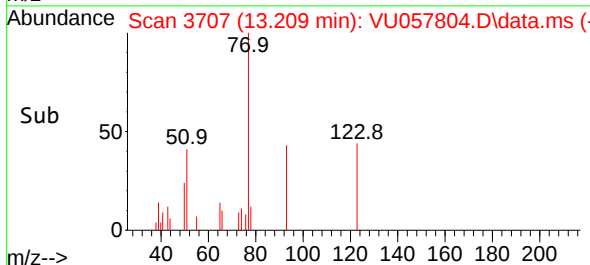
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

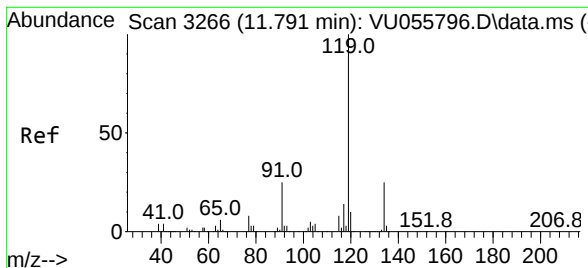


#80
Nitrobenzene
Concen: 11.157 ug/l
RT: 13.209 min Scan# 3707
Delta R.T. 0.003 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53



Tgt Ion: 77 Resp: 2326
Ion Ratio Lower Upper
77 100
123 37.4 19.7 69.7
65 17.4 11.5 14.7#





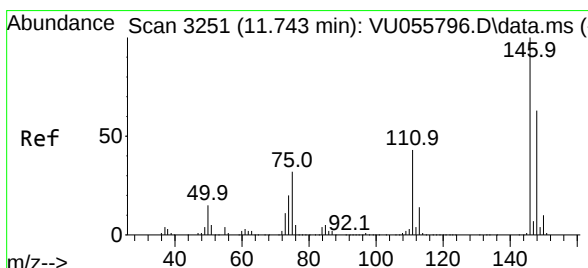
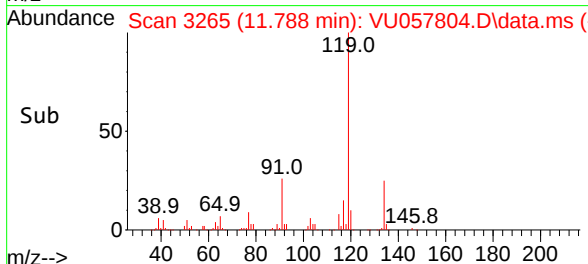
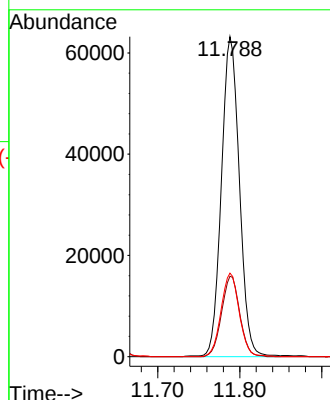
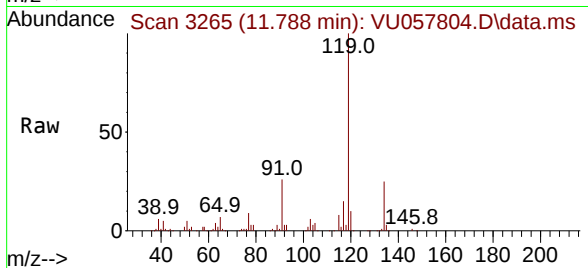
#81
p-Isopropyltoluene
Concen: 2.008 ug/l
RT: 11.788 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:119 Resp: 96475
Ion Ratio Lower Upper
119 100
134 25.3 20.2 30.4
91 26.4 19.3 28.9

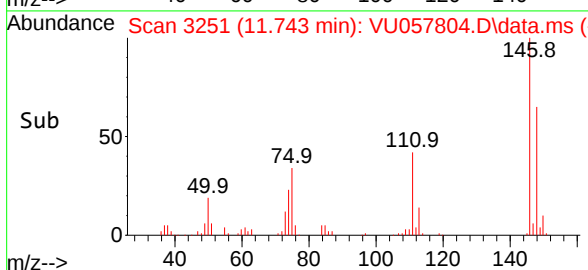
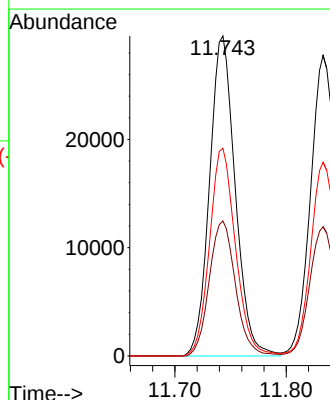
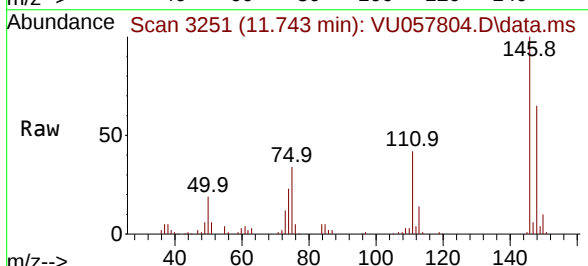
Manual Integrations
APPROVED

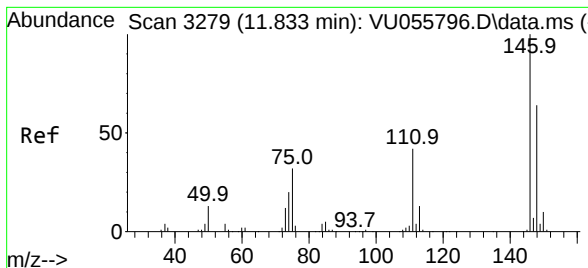
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#82
1,3-Dichlorobenzene
Concen: 1.940 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

Tgt Ion:146 Resp: 47358
Ion Ratio Lower Upper
146 100
111 43.1 32.6 49.0
148 65.9 51.0 76.4





#83

1,4-Dichlorobenzene

Concen: 1.911 ug/l

RT: 11.833 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU057804.D

Acq: 05 Feb 2024 12:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion:146 Resp: 45729

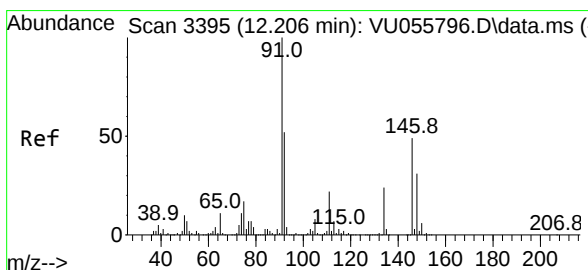
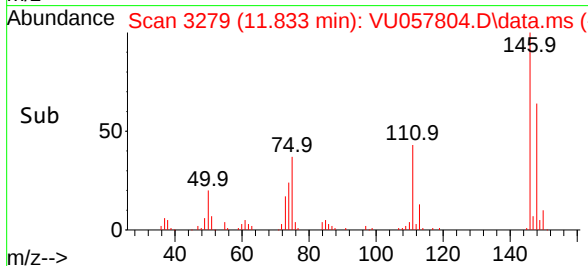
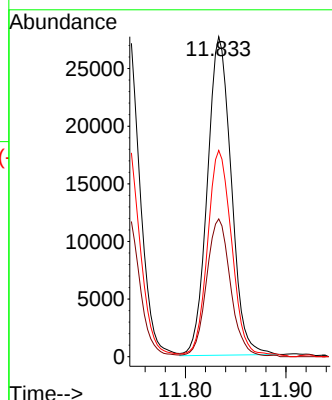
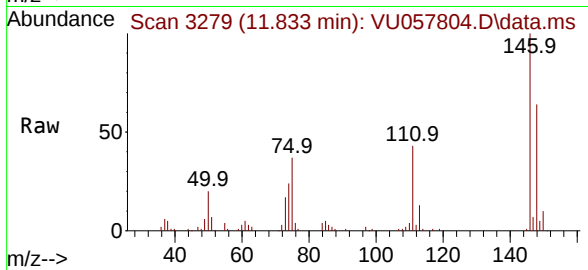
Ion	Ratio	Lower	Upper
146	100		
111	42.6	31.6	47.4
148	66.2	50.3	75.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#84

n-Butylbenzene

Concen: 1.999 ug/l

RT: 12.203 min Scan# 3394

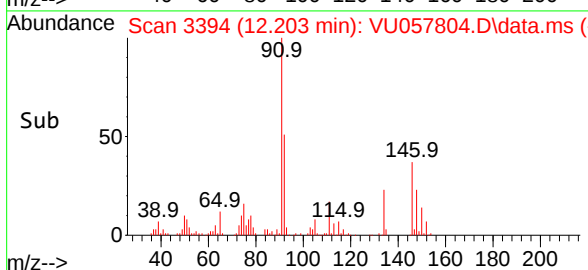
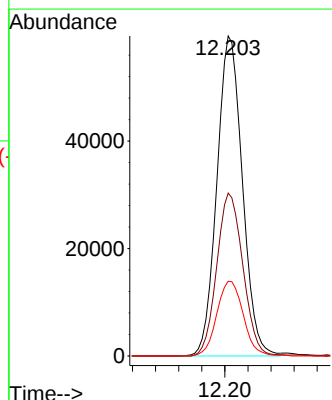
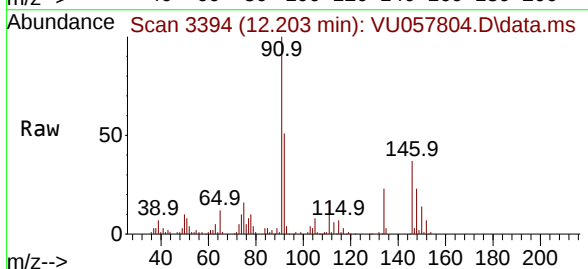
Delta R.T. -0.003 min

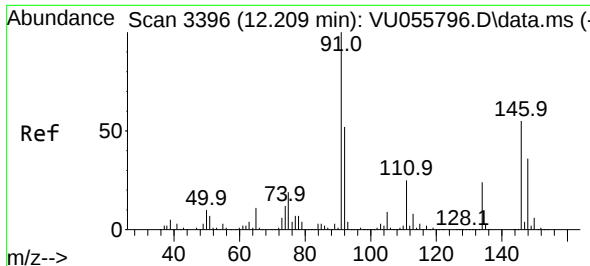
Lab File: VU057804.D

Acq: 05 Feb 2024 12:53

Tgt Ion: 91 Resp: 91242

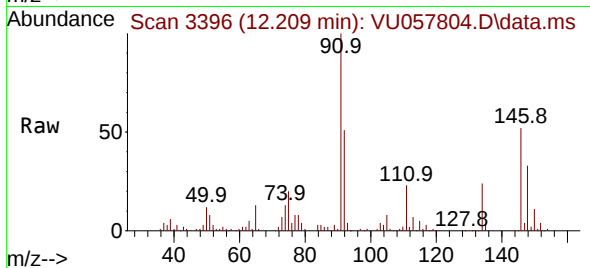
Ion	Ratio	Lower	Upper
91	100		
92	52.2	40.8	61.2
134	24.2	18.4	27.6





#85
1,2-Dichlorobenzene
Concen: 1.997 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. -0.003 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

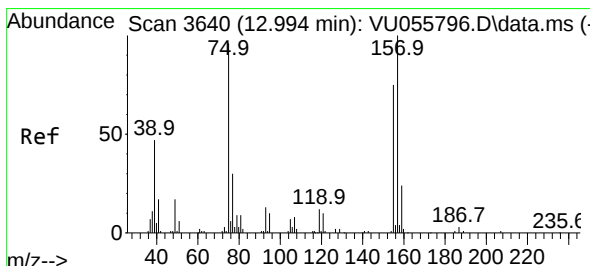
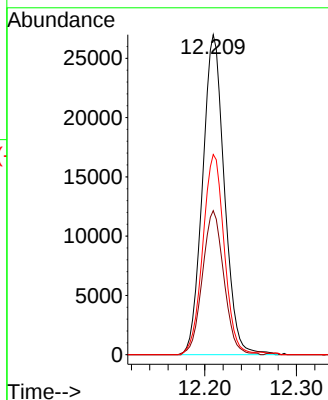
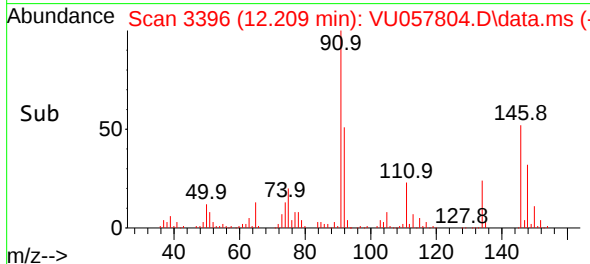
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



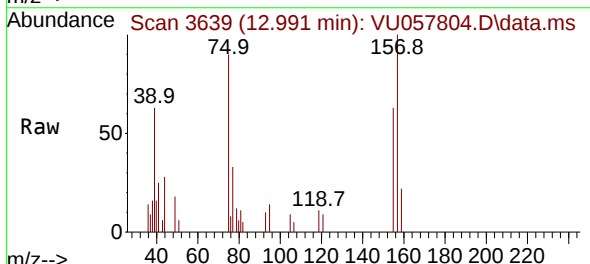
Tgt Ion:146 Resp: 44530
Ion Ratio Lower Upper
146 100
111 44.3 21.6 64.6
148 61.6 32.1 96.5

Manual Integrations
APPROVED

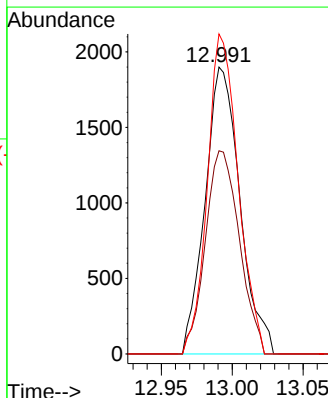
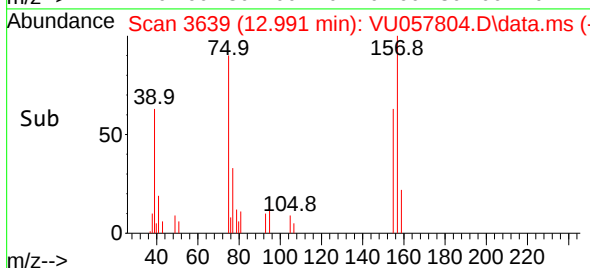
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

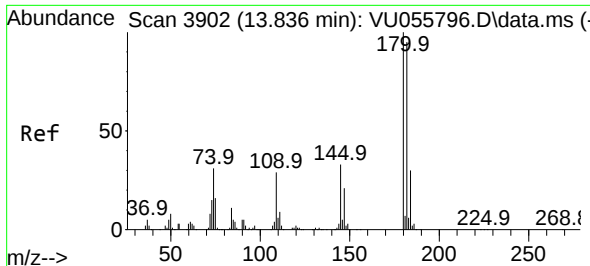


#86
1,2-Dibromo-3-Chloropropane
Concen: 2.324 ug/l
RT: 12.991 min Scan# 3639
Delta R.T. -0.003 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53



Tgt Ion: 75 Resp: 3250
Ion Ratio Lower Upper
75 100
155 69.2 61.8 92.8
157 98.4 80.2 120.4





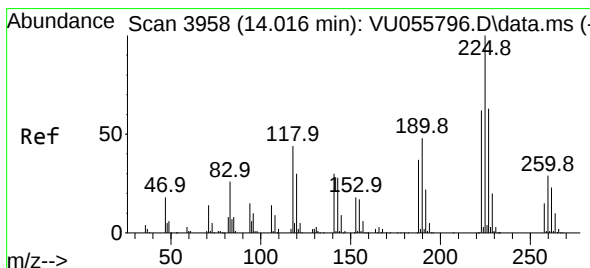
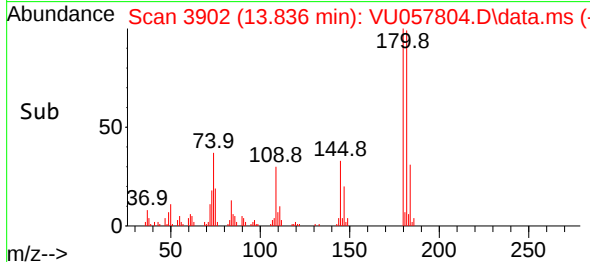
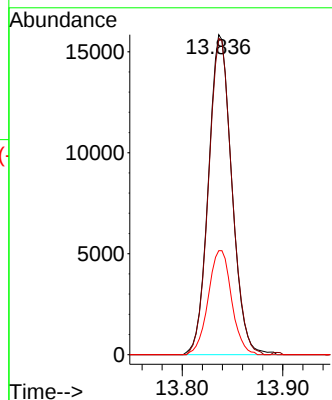
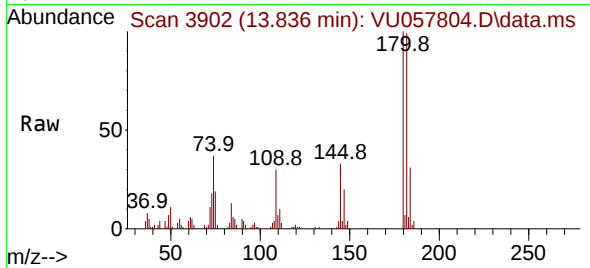
#87
1,2,4-Trichlorobenzene
Concen: 1.931 ug/l
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:180 Resp: 2558
Ion Ratio Lower Upper
180 100
182 98.4 75.8 113.6
145 32.5 23.9 35.9

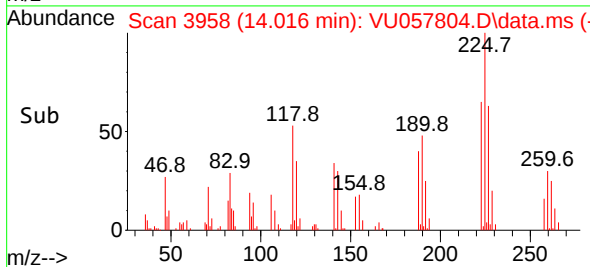
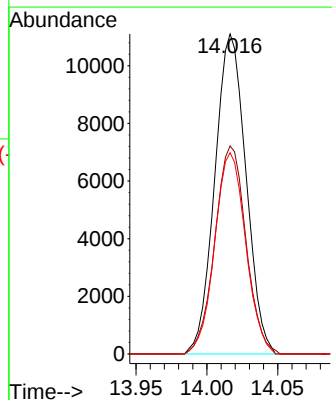
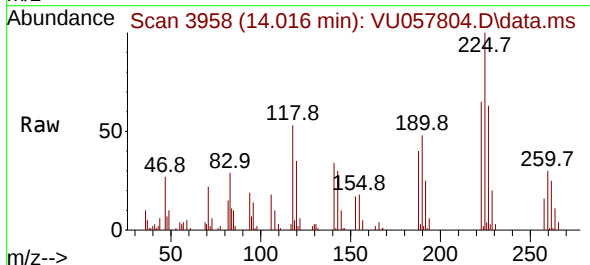
Manual Integrations
APPROVED

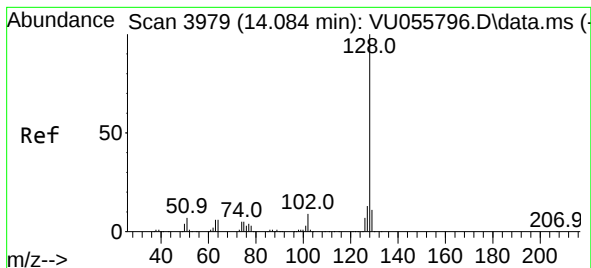
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#88
Hexachlorobutadiene
Concen: 1.993 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU057804.D
Acq: 05 Feb 2024 12:53

Tgt Ion:225 Resp: 16978
Ion Ratio Lower Upper
225 100
223 65.1 50.2 75.4
227 62.4 51.5 77.3





#89

Naphthalene

Concen: 2.113 ug/l

RT: 14.084 min Scan# 3979

Delta R.T. 0.000 min

Lab File: VU057804.D

Acq: 05 Feb 2024 12:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

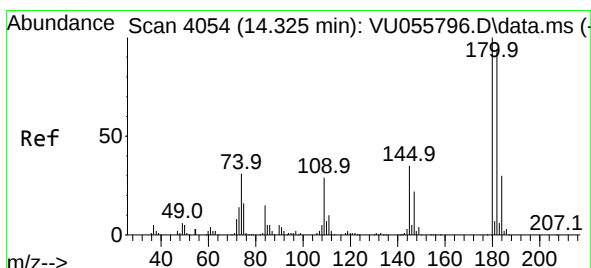
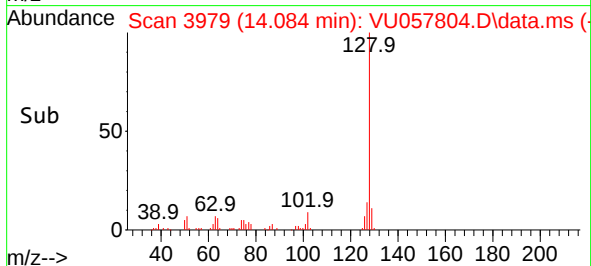
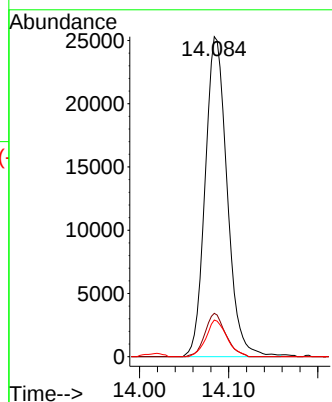
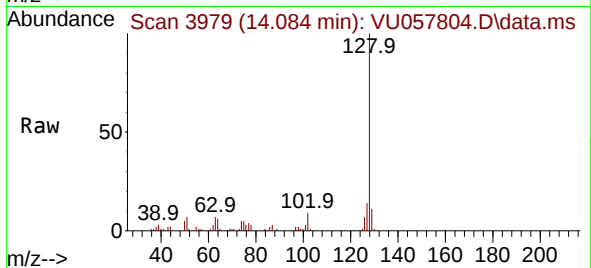
Tgt Ion:128	Resp:	43279
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.9 16.3
129	10.9	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#90

1,2,3-Trichlorobenzene

Concen: 2.004 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU057804.D

Acq: 05 Feb 2024 12:53

Tgt Ion:180	Resp:	22318
Ion Ratio	Lower	Upper
180	100	
182	94.7	75.7 113.5
145	32.5	26.1 39.1

