

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020524\
 Data File : VU057809.D
 Acq On : 05 Feb 2024 16:43
 Operator : MD/SY
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

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

Quant Time: Feb 06 01:03:45 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	43436	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	16405	1.018	ug/l	0.00
Spiked Amount	1.000		Recovery	= 102.000%		
68) 1,2-Dichlorobenzene-d4	12.190	152	14551	1.007	ug/l	0.00
Spiked Amount	1.000		Recovery	= 101.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	150355	10.406	ug/l	100
3) Chloromethane	1.518	50	140902	10.110	ug/l	99
4) Vinyl Chloride	1.599	62	148924	10.512	ug/l	100
5) Bromomethane	1.853	94	88953	10.726	ug/l	100
6) Chloroethane	1.927	64	98384	11.034	ug/l	100
7) Trichlorofluoromethane	2.126	101	233900	11.266	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	113458	10.219	ug/l	97
9) 1,1-Dichloroethene	2.570	96	109133	10.199	ug/l	96
10) Iodomethane	2.711	142	171656	13.184	ug/l	92
11) Allyl Chloride	2.910	41	170212	11.503	ug/l	90
12) Acrylonitrile	3.312	53	49112	25.946	ug/l	97
13) Acetone	2.637	43	215925	65.575	ug/l	93
14) Carbon Disulfide	2.782	76	347932	10.134	ug/l	99
15) Methylene Chloride	3.033	84	125273	9.744	ug/l	97
16) trans-1,2-Dichloroethene	3.341	96	119673	10.246	ug/l	95
17) 1,1-Dichloroethane	3.856	63	244285	10.950	ug/l	98
18) 2-Butanone	4.718	43	244822	67.956	ug/l	97
19) Cyclohexane	5.370	56	195180	11.123	ug/l	97
20) Methylcyclohexane	6.753	83	223176	10.644	ug/l	96
21) 2,2-Dichloropropane	4.650	77	220082	11.190	ug/l	96
22) cis-1,2-Dichloroethene	4.656	96	132694	10.407	ug/l	91
23) Diethyl Ether	2.367	59	85451	10.922	ug/l	99
24) tert-Butyl Alcohol	3.238	59	49139m	61.349	ug/l	
25) Methyl tert-Butyl Ether	3.357	73	283098	11.135	ug/l	95
26) Bromochloromethane	4.962	128	51359	10.028	ug/l	89
27) Chloroform	5.078	83	243852	10.599	ug/l	99
28) 1,1,1-Trichloroethane	5.303	97	215528	10.415	ug/l	98
29) 1,1-Dichloropropene	5.512	75	180015	10.704	ug/l	97
30) Carbon Tetrachloride	5.508	117	188757	10.558	ug/l	99
31) Isopropyl Ether	3.988	45	382569	11.606	ug/l	94
32) Ethyl-t-butyl ether	4.502	59	369850	12.086	ug/l	97
33) Tert-Amyl methyl ether	5.943	73	307894	11.935	ug/l	98
34) Propionitrile	4.795	54	44524	59.832	ug/l	# 12
35) Benzene	5.762	78	512384	10.562	ug/l	100
36) 1,2-Dichloroethane	5.788	62	152523	10.768	ug/l	97
37) Trichloroethene	6.534	130	132831	10.364	ug/l	98
38) 1,2-Dichloropropane	6.785	63	137473	10.868	ug/l	100
39) Methacrylonitrile	4.972	41	40134	13.176	ug/l	93
40) Methyl acrylate	4.846	55	68083	14.950	ug/l	# 98
41) Tetrahydrofuran	5.065	42	38437	24.004	ug/l	97
42) 1-Chlorobutane	5.444	56	241075	10.851	ug/l	97
43) Dibromomethane	6.914	93	64490	11.139	ug/l	94
44) Bromodichloromethane	7.100	83	173633	10.719	ug/l	99

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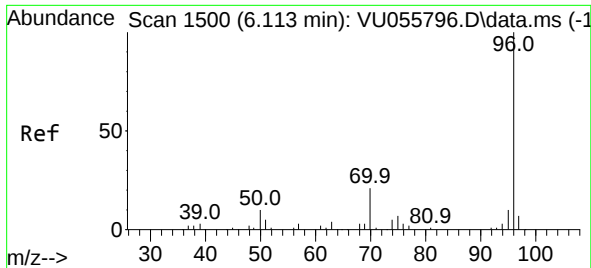
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	364099	61.315	ug/l	98
46) t-1,4-Dichloro-2-butene	10.839	75	34346m	20.527	ug/l	
47) Methyl methacrylate	6.962	69	118897	23.092	ug/l	92
48) Ethyl methacrylate	8.332	69	118406	11.561	ug/l	96
49) Toluene	7.962	92	316090	10.675	ug/l	97
50) t-1,3-Dichloropropene	8.206	75	161088	11.455	ug/l	99
51) cis-1,3-Dichloropropene	7.602	75	196750	11.098	ug/l	95
52) 1,1,2-Trichloroethane	8.396	97	87479	10.926	ug/l	99
53) 1,3-Dichloropropane	8.569	76	156120	10.818	ug/l	99
54) 2-Hexanone	8.688	43	357486	63.641	ug/l	98
55) Dibromochloromethane	8.804	129	106059	10.761	ug/l	99
56) 1,2-Dibromoethane	8.920	107	82570	11.237	ug/l	98
58) Tetrachloroethene	8.547	164	113335	10.026	ug/l	95
59) Chlorobenzene	9.441	112	348276	10.696	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.531	131	121909	10.992	ug/l	97
61) Pentachloroethane	11.421	117	92470	11.601	ug/l	92
62) Hexachloroethane	12.470	117	106876	12.137	ug/l	96
63) Ethyl Benzene	9.563	91	628633	10.847	ug/l	98
64) m/p-Xylenes	9.688	106	463596	22.045	ug/l	97
65) o-Xylene	10.094	106	227366	10.927	ug/l	95
66) Styrene	10.110	104	361377	11.616	ug/l	96
67) Bromoform	10.286	173	55332	11.032	ug/l	100
69) Isopropylbenzene	10.479	105	611546	11.220	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.778	83	107457	10.846	ug/l	100
71) 1,2,3-Trichloropropane	10.833	75	89927m	11.075	ug/l	
72) Bromobenzene	10.778	156	128200	10.760	ug/l	96
73) n-propylbenzene	10.901	120	163901	11.912	ug/l	97
74) 2-Chlorotoluene	10.981	126	138781	10.975	ug/l	97
75) 1,3,5-Trimethylbenzene	11.084	105	525086	11.191	ug/l	98
76) 4-Chlorotoluene	11.093	126	142343	11.169	ug/l	95
77) tert-Butylbenzene	11.415	119	505518	11.465	ug/l	98
78) 1,2,4-Trimethylbenzene	11.463	105	529857	11.140	ug/l	99
79) sec-Butylbenzene	11.637	105	669265	11.773	ug/l	99
80) Nitrobenzene	13.203	77	16158	78.396	ug/l	95
81) p-Isopropyltoluene	11.788	119	555917	11.702	ug/l	98
82) 1,3-Dichlorobenzene	11.740	146	259784	10.762	ug/l	97
83) 1,4-Dichlorobenzene	11.833	146	257804	10.901	ug/l	98
84) n-Butylbenzene	12.203	91	540409	11.976	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	240852	10.924	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.990	75	18084	13.079	ug/l	97
87) 1,2,4-Trichlorobenzene	13.836	180	156131	11.920	ug/l	97
88) Hexachlorobutadiene	14.016	225	95186	11.300	ug/l	100
89) Naphthalene	14.084	128	266945	13.180	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	132668	12.051	ug/l	99

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



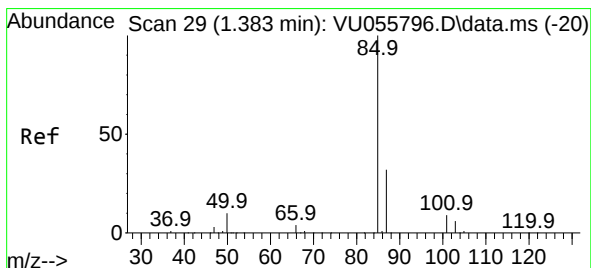
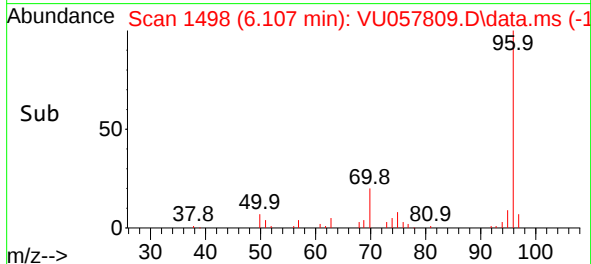
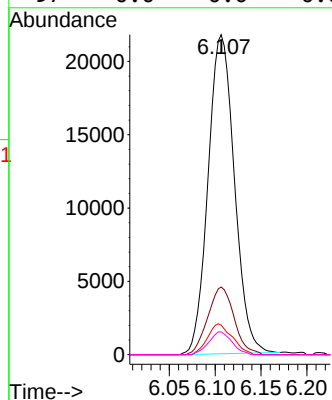
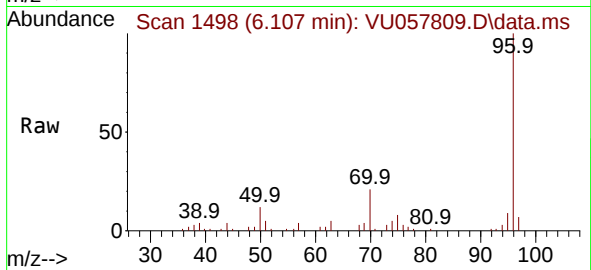
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 14
Delta R.T. 0.004 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 96	Resp: 43430
Ion Ratio	Lower Upper
96 100	
70 21.1	16.5 24.7
95 9.1	7.4 11.0
97 0.0	0.0 0.0

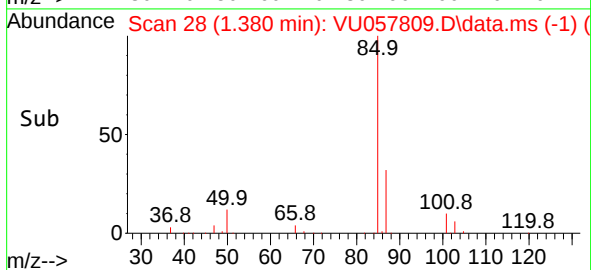
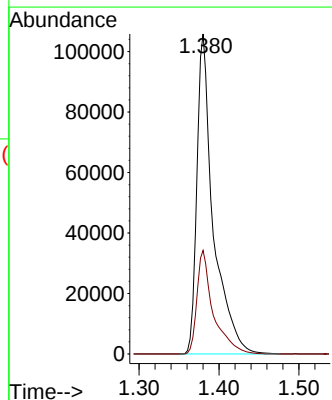
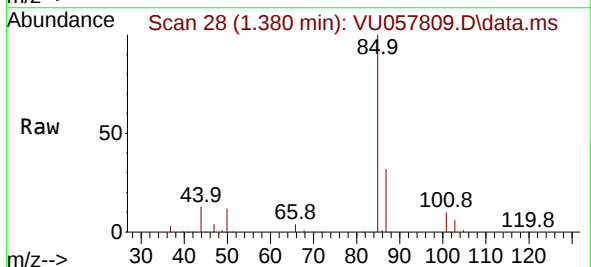
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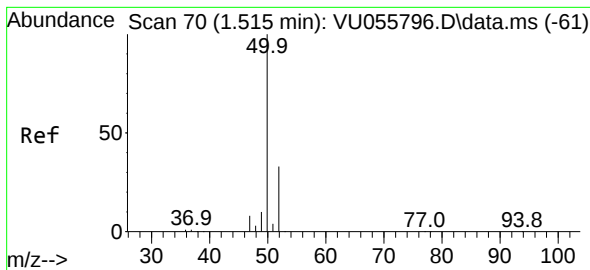
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#2
Dichlorodifluoromethane
Concen: 10.406 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

Tgt Ion: 85	Resp: 150355
Ion Ratio	Lower Upper
85 100	
87 32.3	16.2 48.6





#3

Chloromethane

Concen: 10.110 ug/l

RT: 1.518 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU057809.D

Acq: 05 Feb 2024 16:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 50 Resp: 140902

Ion Ratio Lower Upper

50 100

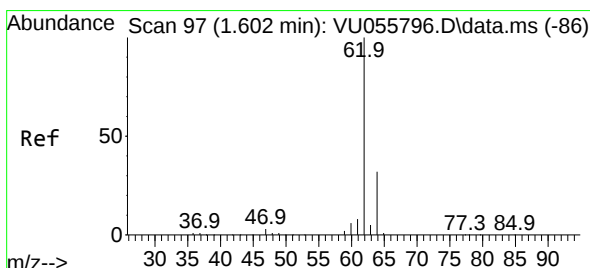
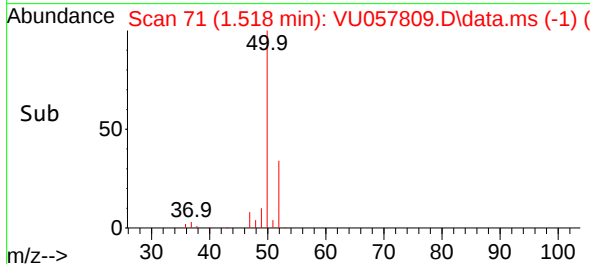
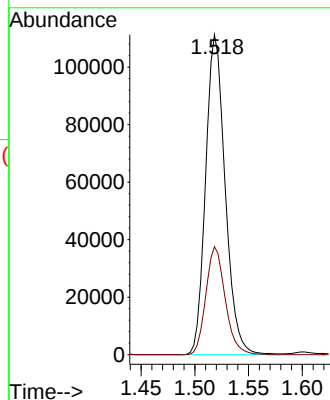
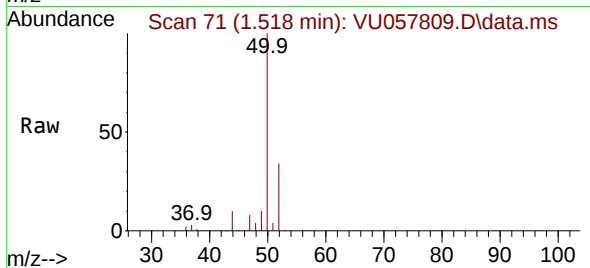
52 33.7 26.6 40.0

Manual Integrations

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Supervised By :Mahesh Dadoda 02/14/2024



#4

Vinyl Chloride

Concen: 10.512 ug/l

RT: 1.599 min Scan# 96

Delta R.T. -0.003 min

Lab File: VU057809.D

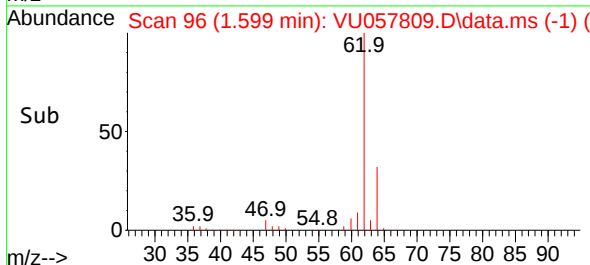
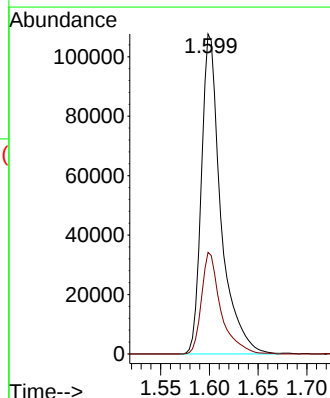
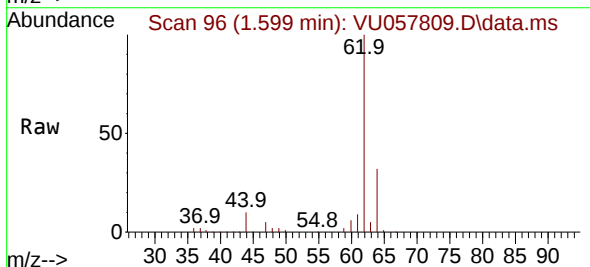
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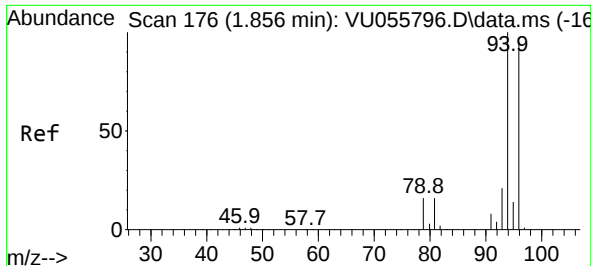
Tgt Ion: 62 Resp: 148924

Ion Ratio Lower Upper

62 100

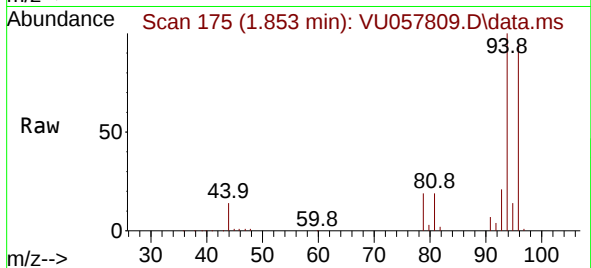
64 31.7 25.4 38.2





#5
Bromomethane
Concen: 10.726 ug/l
RT: 1.853 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

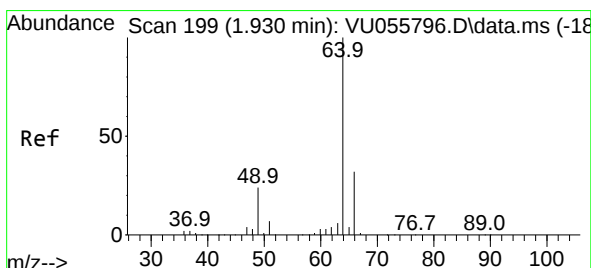
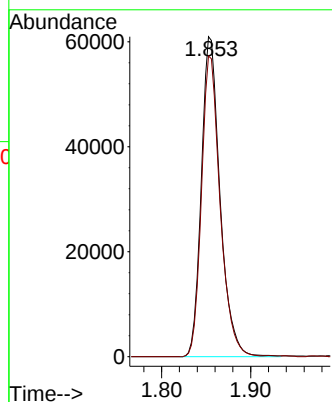
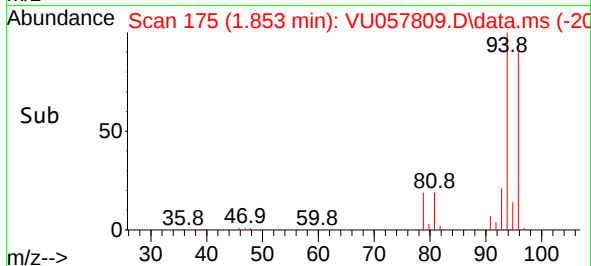
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 94 Resp: 8895
Ion Ratio Lower Upper
94 100
96 94.0 75.4 113.2

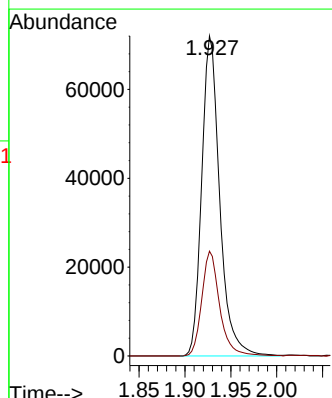
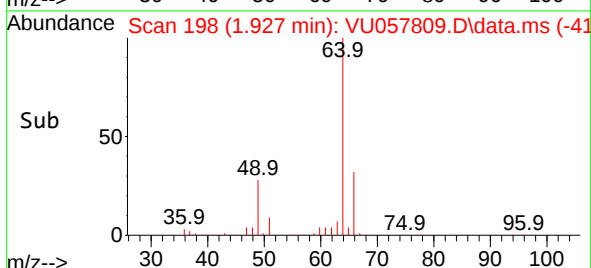
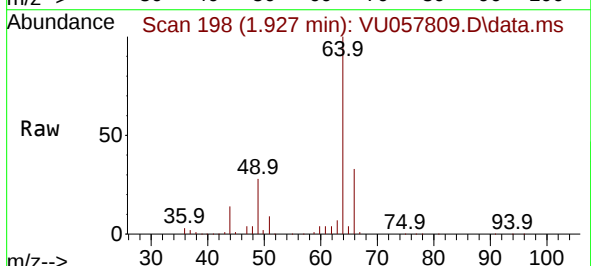
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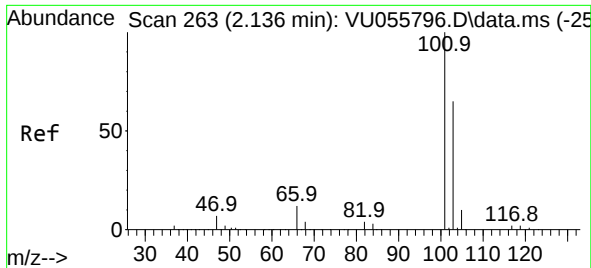
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#6
Chloroethane
Concen: 11.034 ug/l
RT: 1.927 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

Tgt Ion: 64 Resp: 98384
Ion Ratio Lower Upper
64 100
66 32.7 26.0 39.0





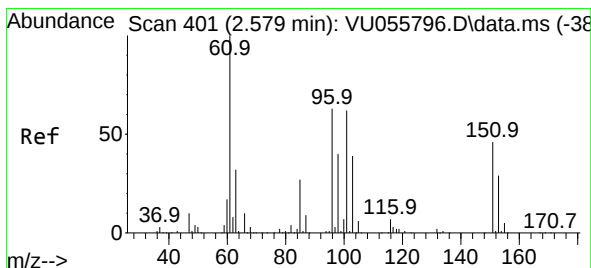
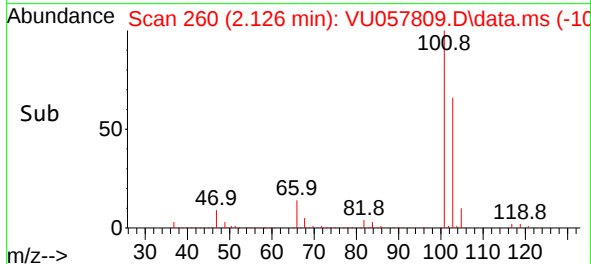
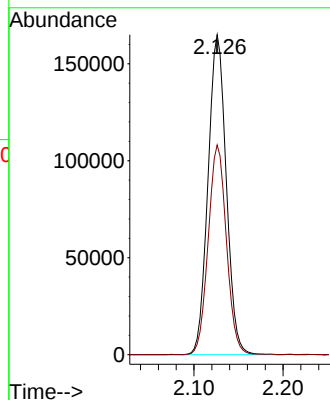
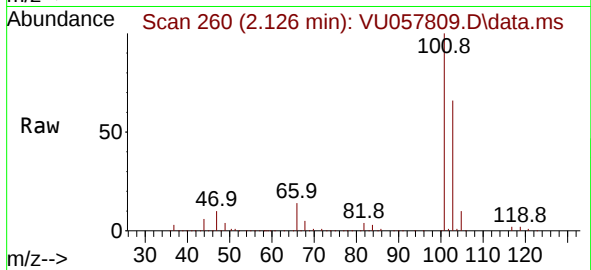
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Trichlorofluoromethane
Concen: 11.266 ug/l
RT: 2.126 min Scan# 20
Delta R.T. 0.010 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:101 Resp: 233900
Ion Ratio Lower Upper
101 100
103 65.5 51.4 77.0

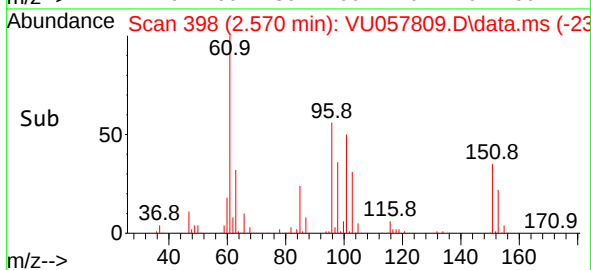
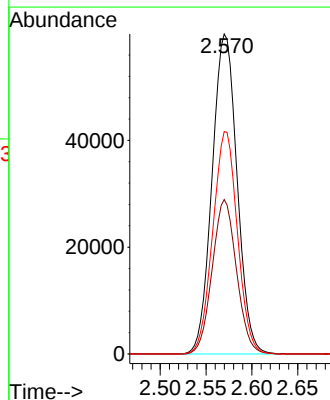
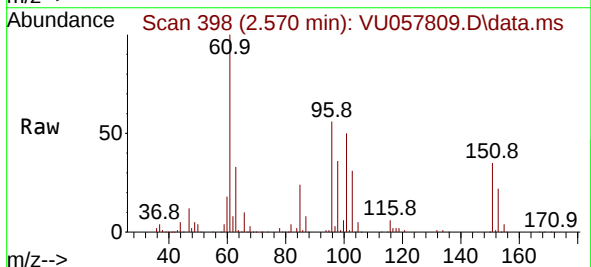
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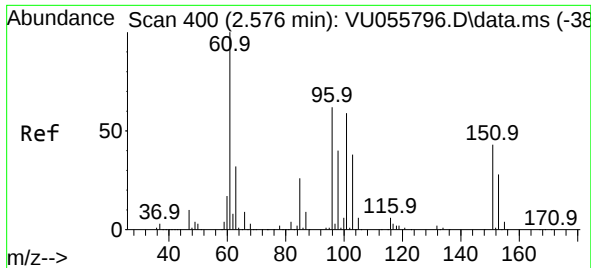
Reviewed By :John Carlone 02/14/2024
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#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.219 ug/l
RT: 2.570 min Scan# 398
Delta R.T. 0.010 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

Tgt Ion:101 Resp: 113458
Ion Ratio Lower Upper
101 100
85 46.9 35.4 53.0
151 68.7 54.0 81.0





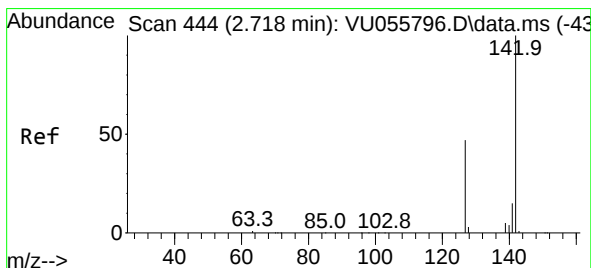
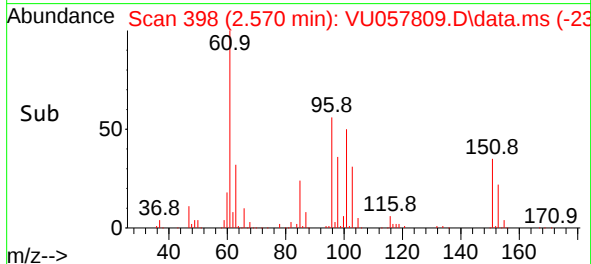
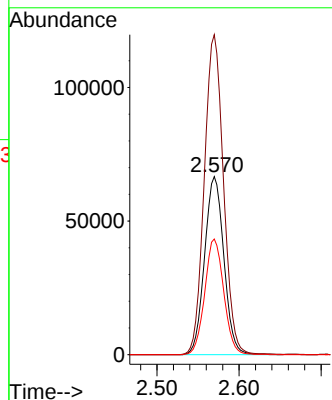
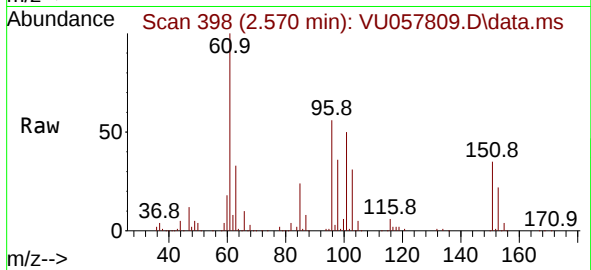
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1,1-Dichloroethene
Concen: 10.199 ug/l
RT: 2.570 min Scan# 398
Delta R.T. 0.010 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 96 Resp: 10913
Ion Ratio Lower Upper
96 100
61 179.7 0.0 521.4
98 65.0 0.0 125.8

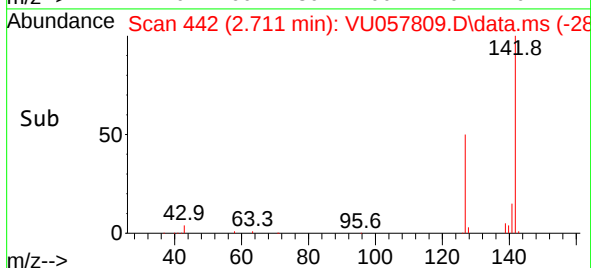
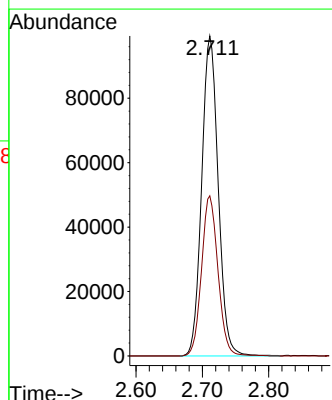
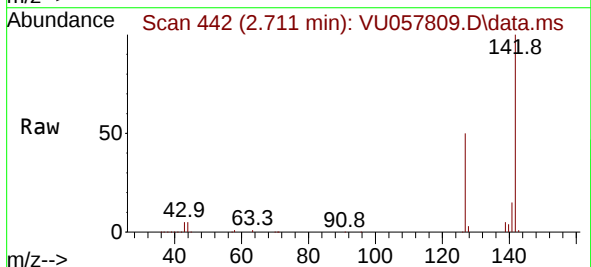
Manual Integrations
APPROVED

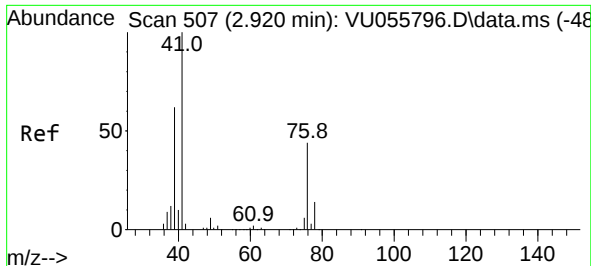
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#10
Iodomethane
Concen: 13.184 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.010 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

Tgt Ion:142 Resp: 171656
Ion Ratio Lower Upper
142 100
127 49.8 35.9 53.9





#11

Allyl Chloride

Concen: 11.503 ug/l

RT: 2.910 min Scan# 507

Delta R.T. 0.006 min

Lab File: VU057809.D

Acq: 05 Feb 2024 16:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 41 Resp: 17021

Ion Ratio Lower Upper

41 100

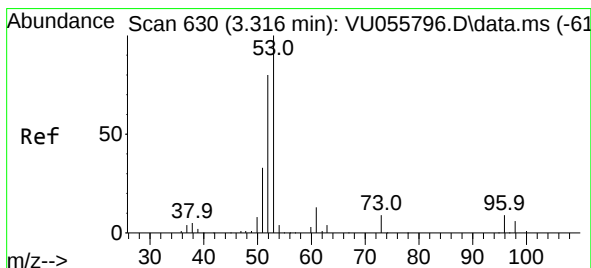
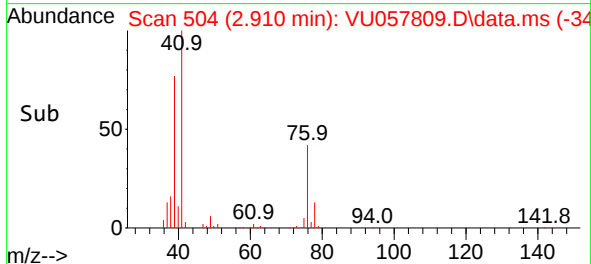
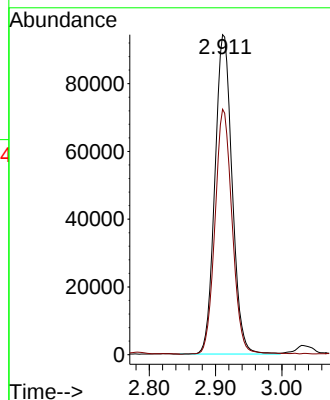
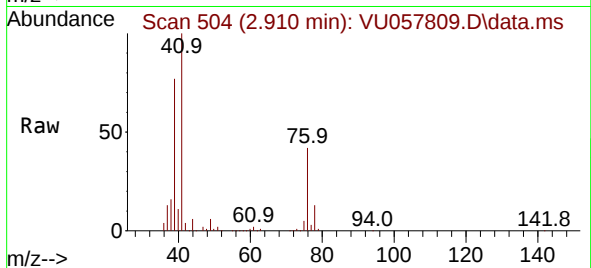
39 76.1 54.2 81.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#12

Acrylonitrile

Concen: 25.946 ug/l

RT: 3.312 min Scan# 629

Delta R.T. 0.003 min

Lab File: VU057809.D

Acq: 05 Feb 2024 16:43

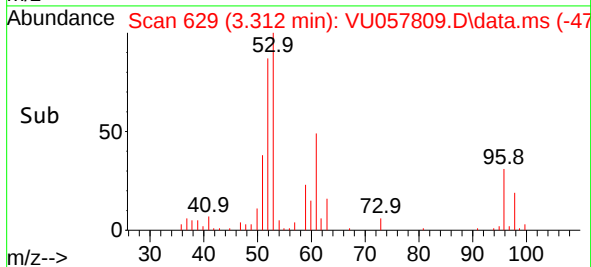
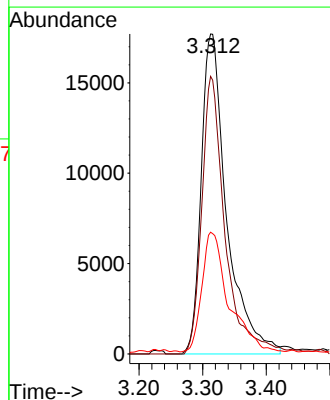
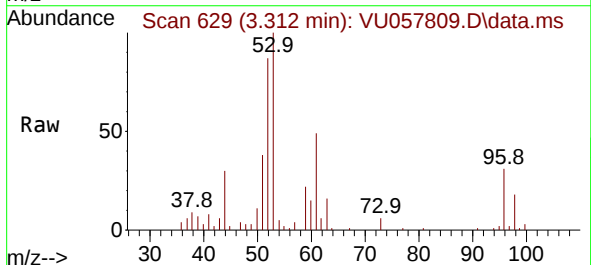
Tgt Ion: 53 Resp: 49112

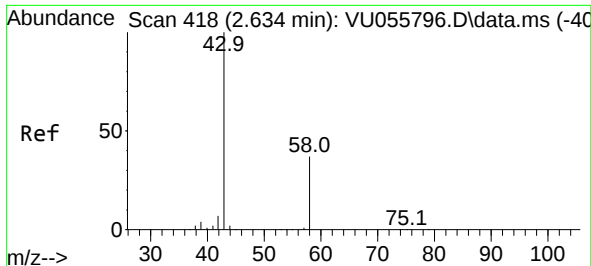
Ion Ratio Lower Upper

53 100

52 79.2 62.9 94.3

51 39.4 27.8 41.6





#13

Acetone

Concen: 65.575 ug/l

RT: 2.637 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU057809.D

Acq: 05 Feb 2024 16:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 43 Resp: 21592

Ion Ratio Lower Upper

43 100

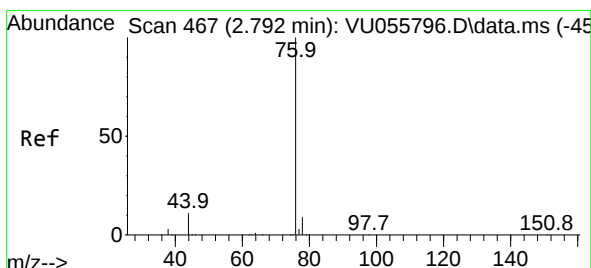
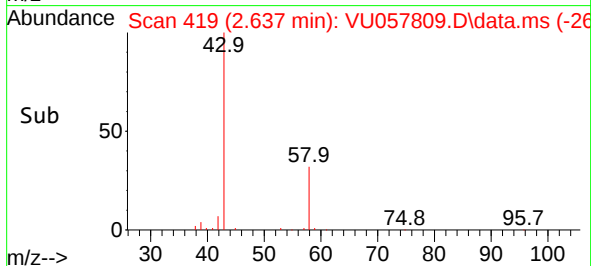
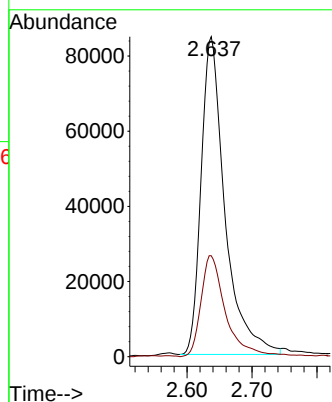
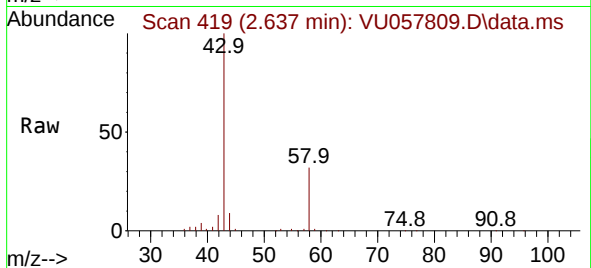
58 31.8 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#14

Carbon Disulfide

Concen: 10.134 ug/l

RT: 2.782 min Scan# 464

Delta R.T. 0.010 min

Lab File: VU057809.D

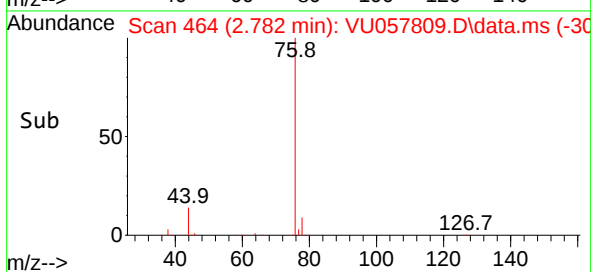
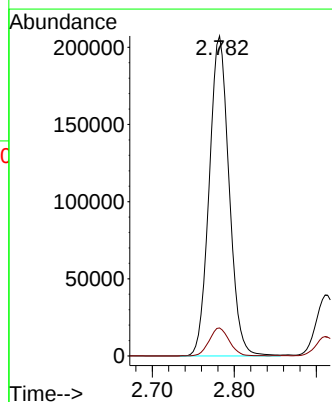
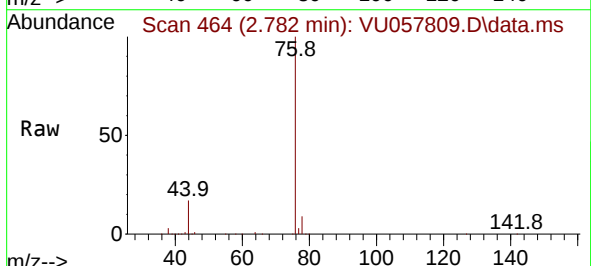
Acq: 05 Feb 2024 16:43

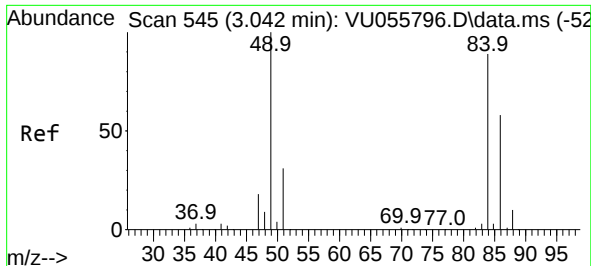
Tgt Ion: 76 Resp: 347932

Ion Ratio Lower Upper

76 100

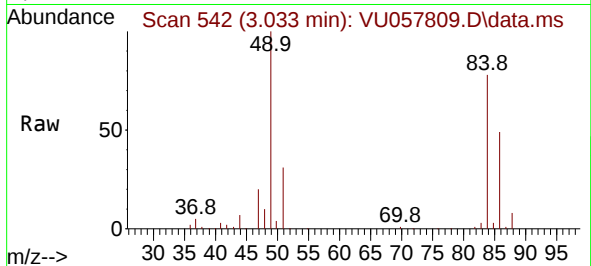
78 8.7 7.4 11.0





#15
Methylene Chloride
Concen: 9.744 ug/l
RT: 3.033 min Scan# 545
Delta R.T. 0.006 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

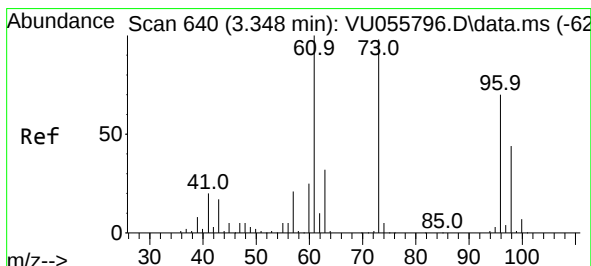
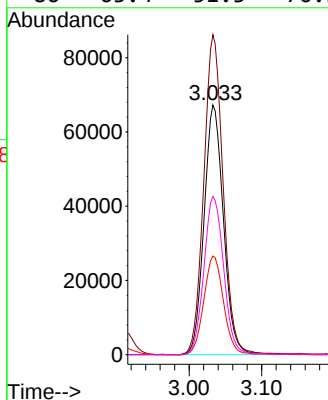
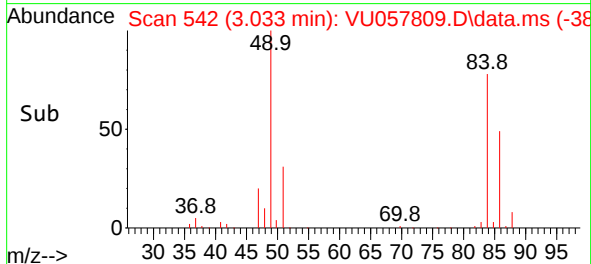
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



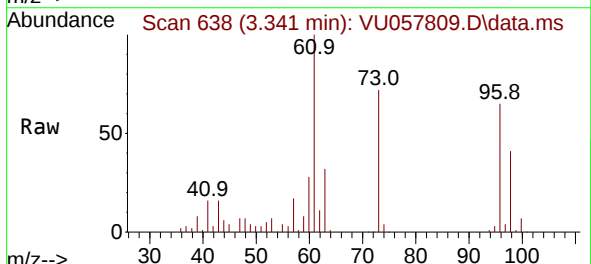
Tgt Ion: 84 Resp: 125273
Ion Ratio Lower Upper
84 100
49 128.2 98.9 148.3
51 39.5 0.0 75.4
86 63.4 51.3 76.9

Manual Integrations
APPROVED

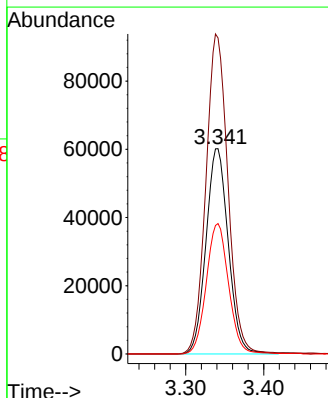
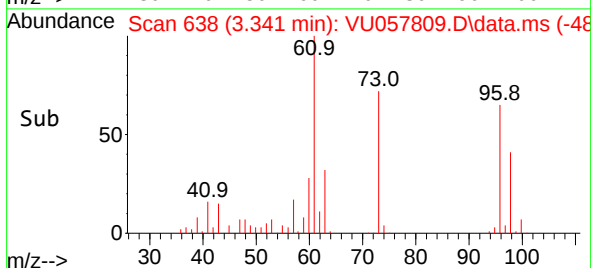
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

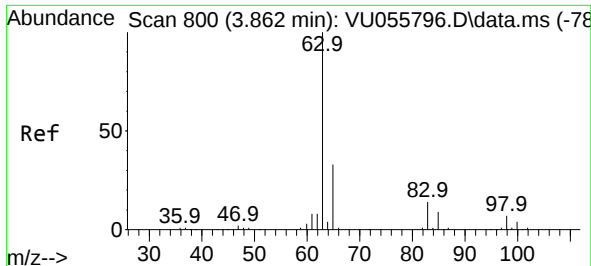


#16
trans-1,2-Dichloroethene
Concen: 10.246 ug/l
RT: 3.341 min Scan# 638
Delta R.T. 0.006 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43



Tgt Ion: 96 Resp: 119673
Ion Ratio Lower Upper
96 100
61 153.9 117.5 176.3
98 63.5 48.3 72.5





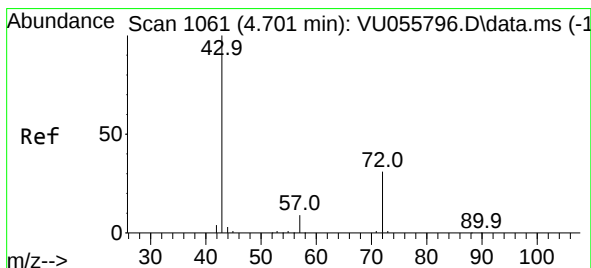
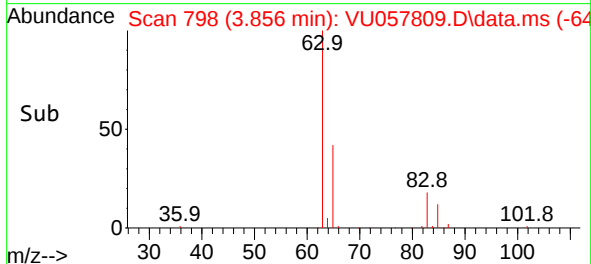
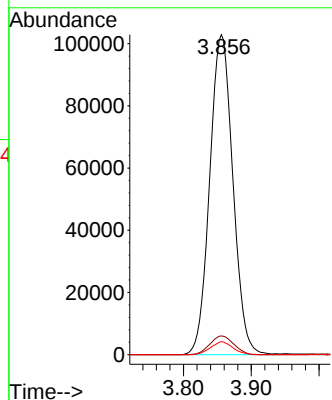
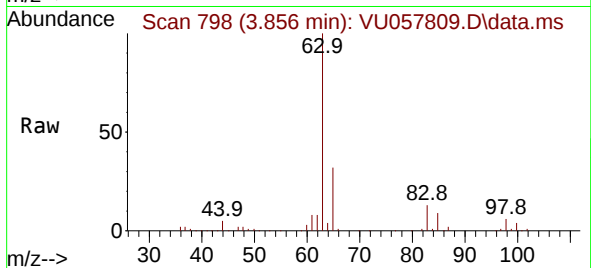
#17
1,1-Dichloroethane
Concen: 10.950 ug/l
RT: 3.856 min Scan# 79
Delta R.T. 0.006 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 63 Resp: 244285
Ion Ratio Lower Upper
63 100
98 5.9 3.4 10.1
100 4.2 2.2 6.6

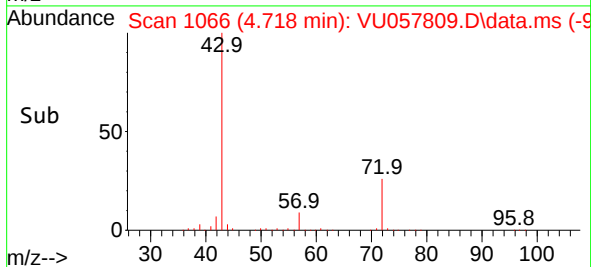
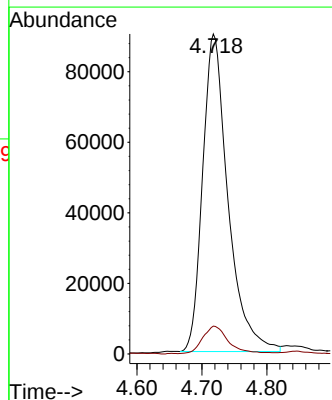
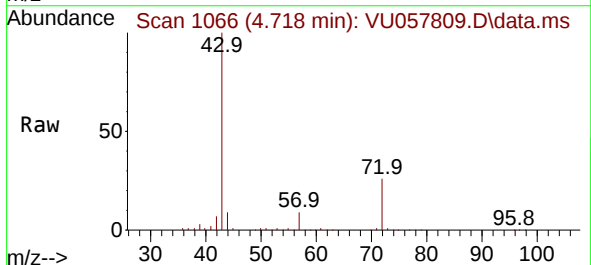
Manual Integrations
APPROVED

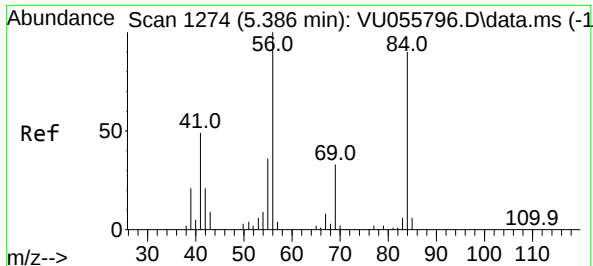
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#18
2-Butanone
Concen: 67.956 ug/l
RT: 4.718 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

Tgt Ion: 43 Resp: 244822
Ion Ratio Lower Upper
43 100
57 8.6 0.0 19.6





#19

Cyclohexane

Concen: 11.123 ug/l

RT: 5.370 min Scan# 1699

Delta R.T. 0.003 min

Lab File: VU057809.D

Acq: 05 Feb 2024 16:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 56 Resp: 195180

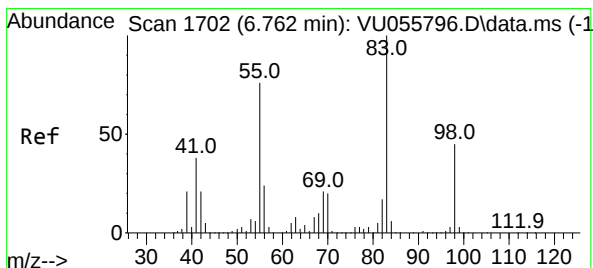
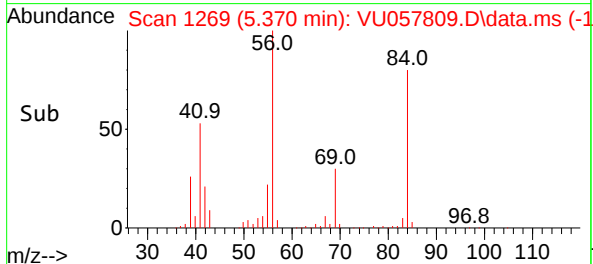
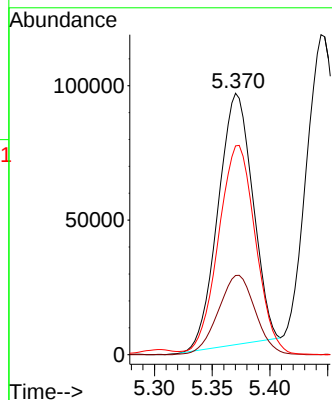
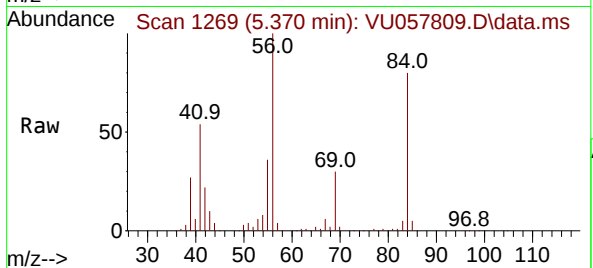
Ion	Ratio	Lower	Upper
56	100		
69	33.8	24.6	37.0
84	87.3	68.4	102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#20

Methylcyclohexane

Concen: 10.644 ug/l

RT: 6.753 min Scan# 1699

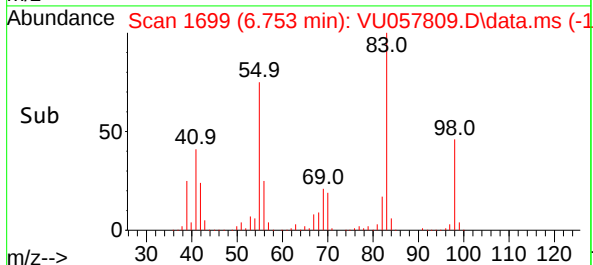
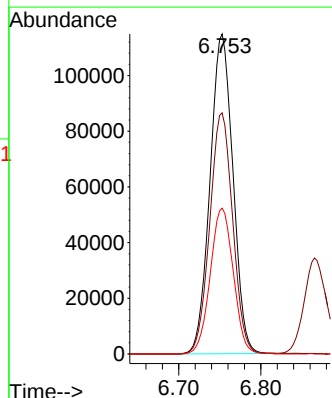
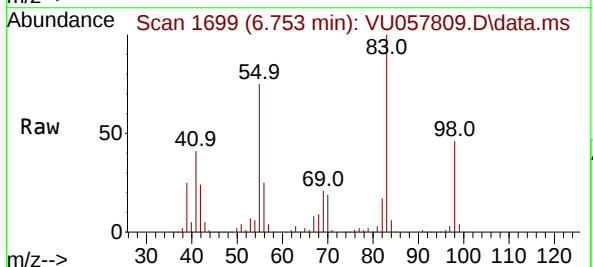
Delta R.T. 0.003 min

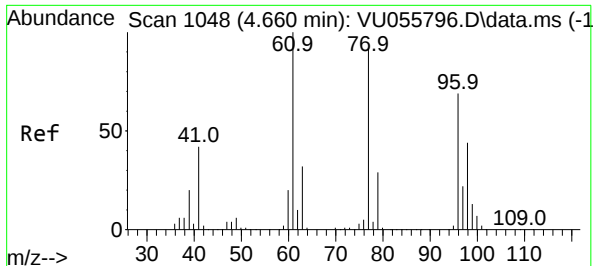
Lab File: VU057809.D

Acq: 05 Feb 2024 16:43

Tgt Ion: 83 Resp: 223176

Ion	Ratio	Lower	Upper
83	100		
55	75.2	63.5	95.3
98	45.8	36.0	54.0





#21

2,2-Dichloropropane

Concen: 11.190 ug/l

RT: 4.650 min Scan# 1045

Delta R.T. 0.003 min

Lab File: VU057809.D

Acq: 05 Feb 2024 16:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 77 Resp: 22082

Ion Ratio Lower Upper

77 100

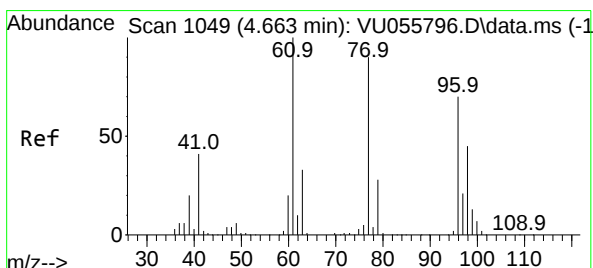
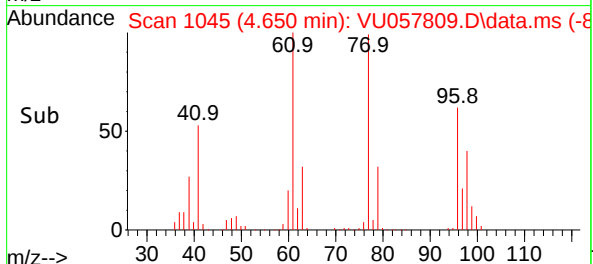
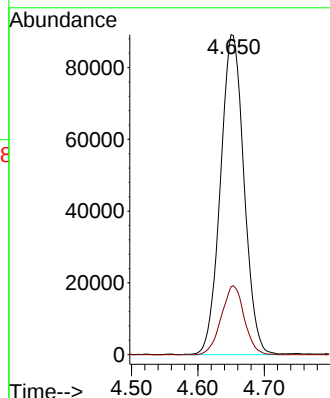
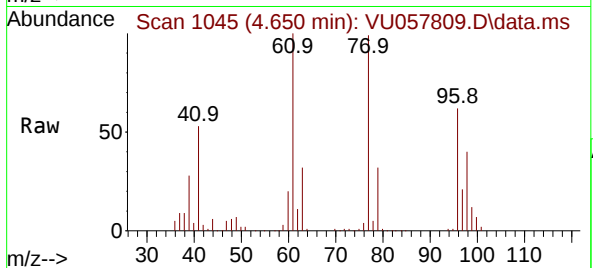
97 21.0 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#22

cis-1,2-Dichloroethene

Concen: 10.407 ug/l

RT: 4.656 min Scan# 1047

Delta R.T. 0.006 min

Lab File: VU057809.D

Acq: 05 Feb 2024 16:43

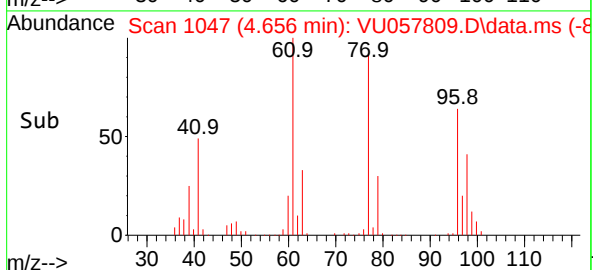
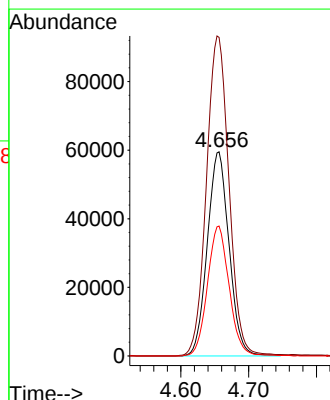
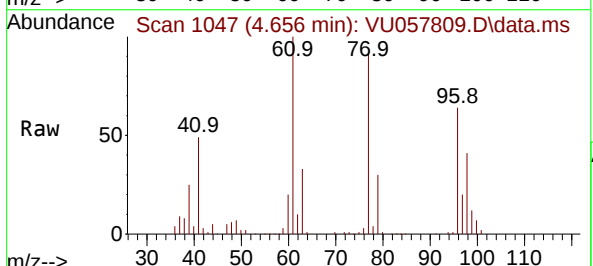
Tgt Ion: 96 Resp: 132694

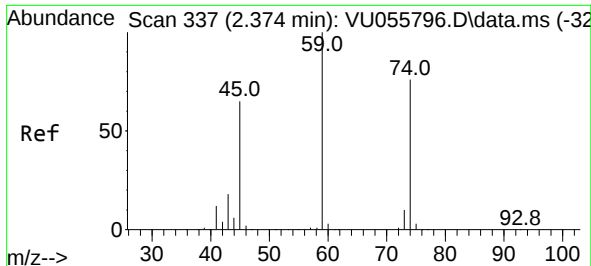
Ion Ratio Lower Upper

96 100

61 162.1 0.0 365.8

98 63.5 32.0 96.0





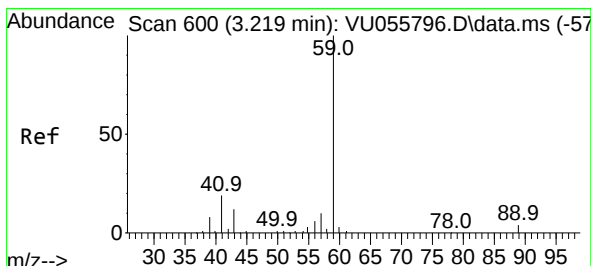
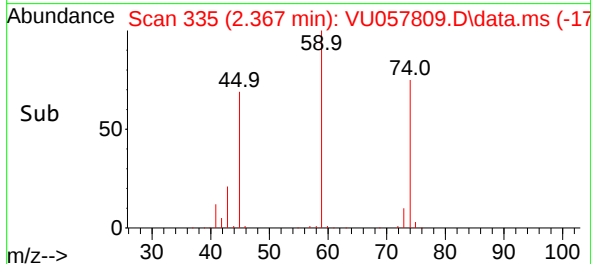
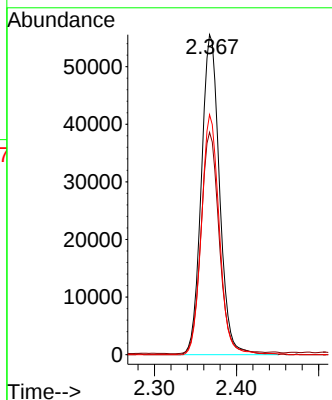
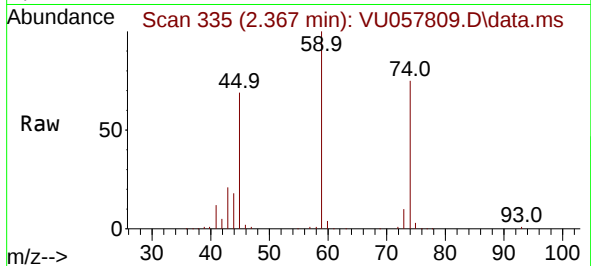
#23
Diethyl Ether
Concen: 10.922 ug/l
RT: 2.367 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 59 Resp: 8545
Ion Ratio Lower Upper
59 100
45 69.5 56.1 84.1
74 73.5 57.4 86.2

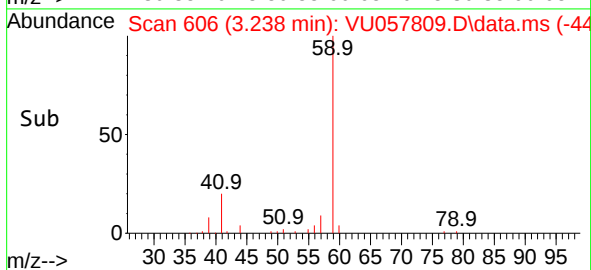
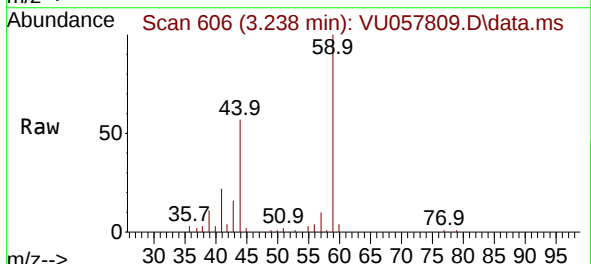
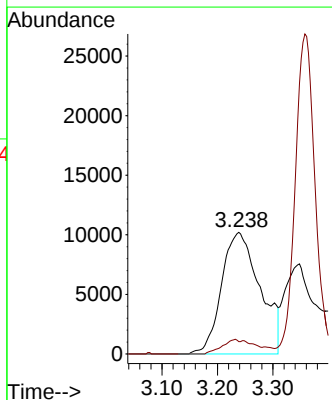
Manual Integrations
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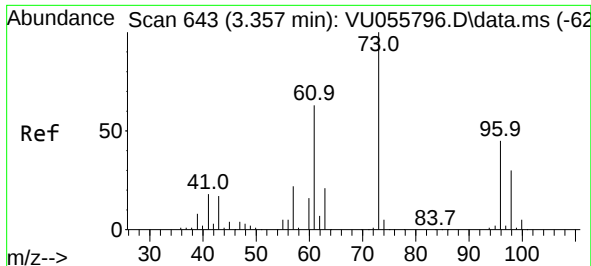
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#24
tert-Butyl Alcohol
Concen: 61.349 ug/l m
RT: 3.238 min Scan# 606
Delta R.T. 0.006 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

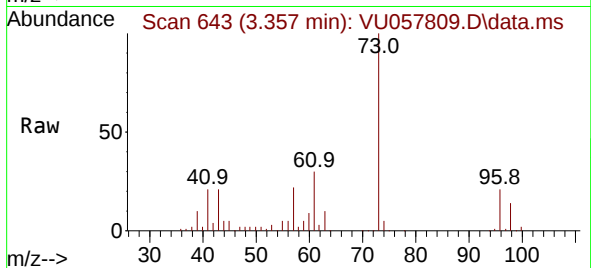
Tgt Ion: 59 Resp: 49139
Ion Ratio Lower Upper
59 100
57 5.5 105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 11.135 ug/l
RT: 3.357 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

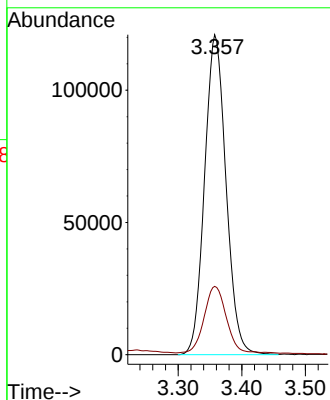
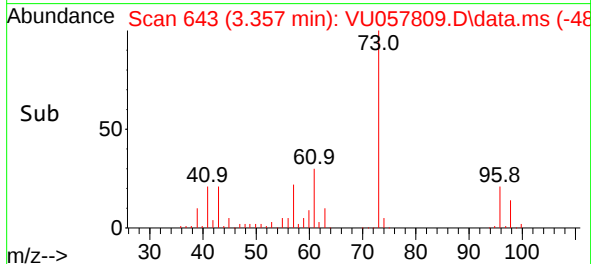
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



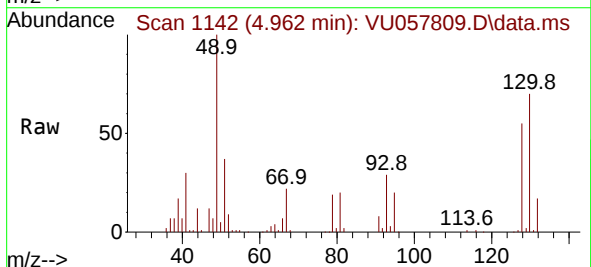
Tgt Ion: 73 Resp: 283098
Ion Ratio Lower Upper
73 100
43 21.2 15.0 22.6

Manual Integrations
APPROVED

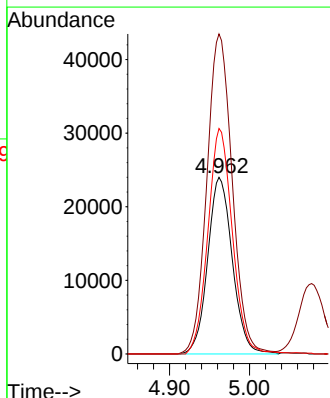
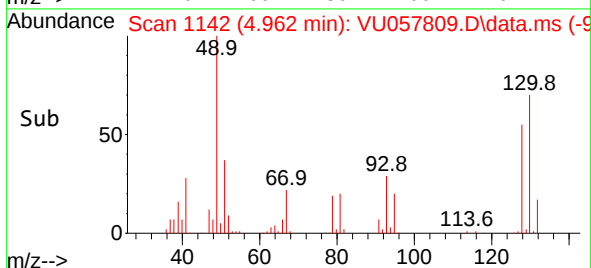
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

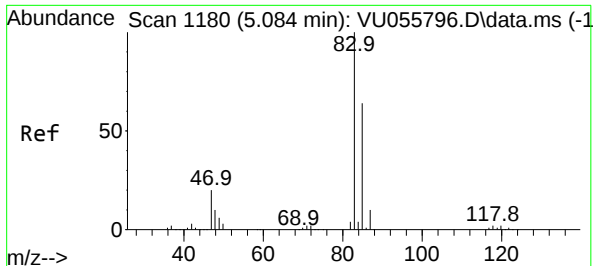


#26
Bromochloromethane
Concen: 10.028 ug/l
RT: 4.962 min Scan# 1142
Delta R.T. 0.003 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43



Tgt Ion:128 Resp: 51359
Ion Ratio Lower Upper
128 100
49 186.6 0.0 324.6
130 127.0 103.0 154.4





#27

Chloroform

Concen: 10.599 ug/l

RT: 5.078 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU057809.D

Acq: 05 Feb 2024 16:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 83 Resp: 24385

Ion Ratio Lower Upper

83 100

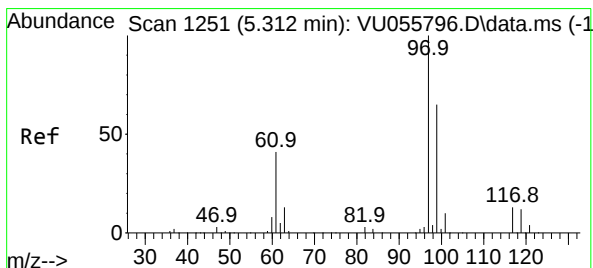
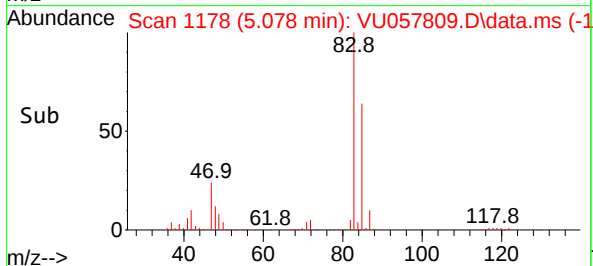
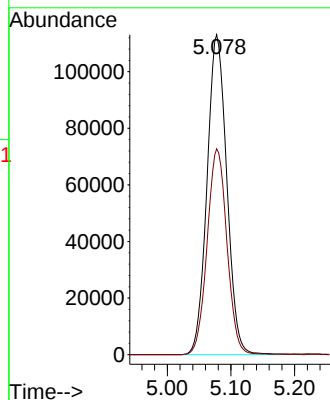
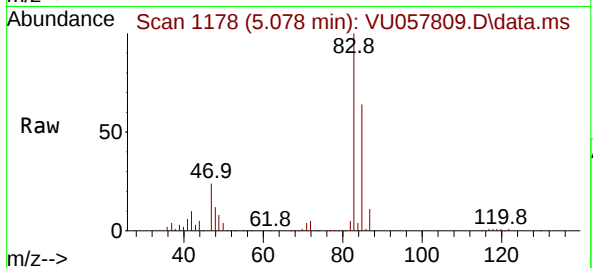
85 64.4 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#28

1,1,1-Trichloroethane

Concen: 10.415 ug/l

RT: 5.303 min Scan# 1248

Delta R.T. 0.003 min

Lab File: VU057809.D

Acq: 05 Feb 2024 16:43

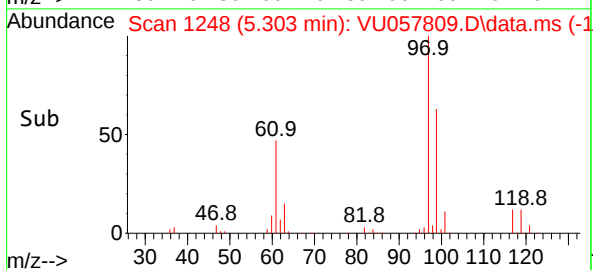
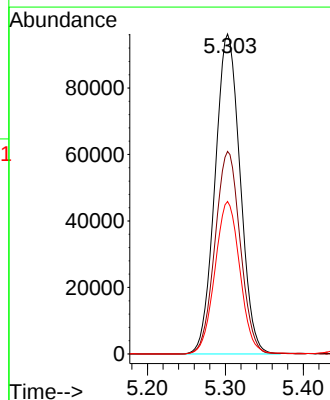
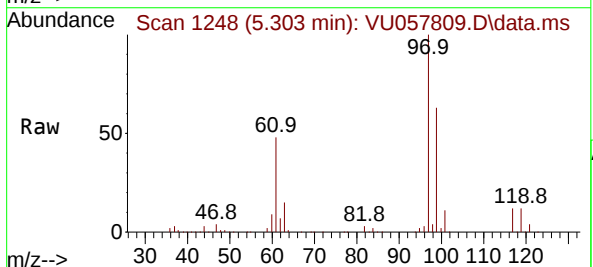
Tgt Ion: 97 Resp: 215528

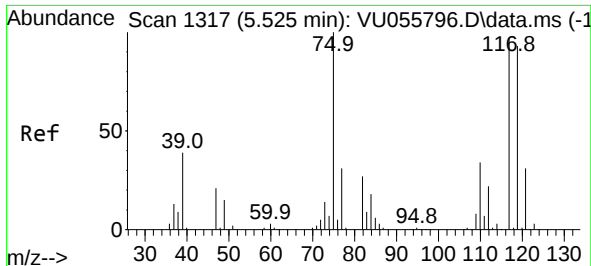
Ion Ratio Lower Upper

97 100

99 63.6 32.0 96.2

61 47.6 22.9 68.5





#29

1,1-Dichloropropene

Concen: 10.704 ug/l

RT: 5.512 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU057809.D

Acq: 05 Feb 2024 16:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 75 Resp: 18001

Ion Ratio Lower Upper

75 100

110 33.1 18.0 54.0

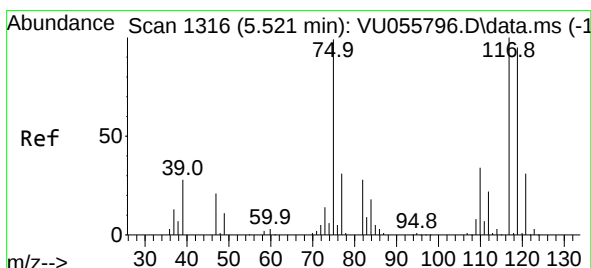
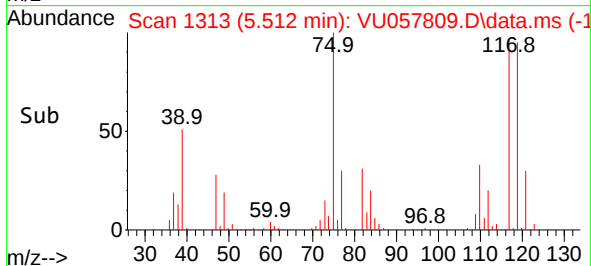
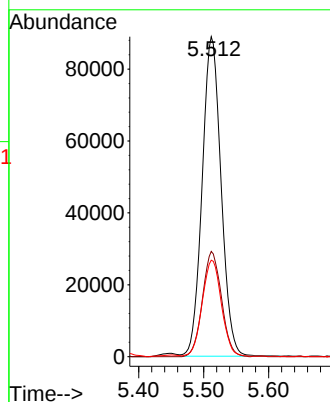
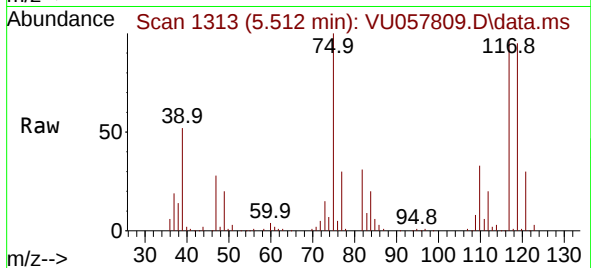
77 30.5 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#30

Carbon Tetrachloride

Concen: 10.558 ug/l

RT: 5.508 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VU057809.D

Acq: 05 Feb 2024 16:43

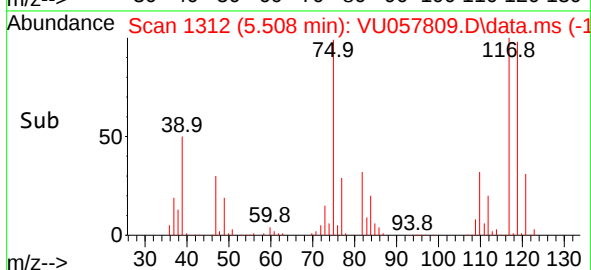
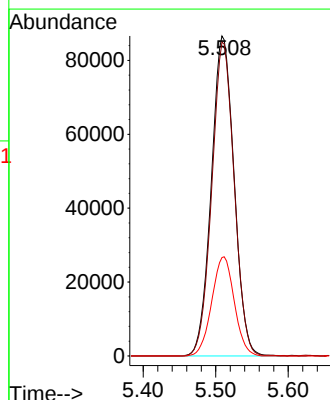
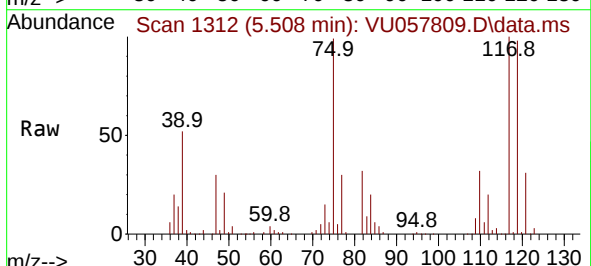
Tgt Ion:117 Resp: 188757

Ion Ratio Lower Upper

117 100

119 98.1 77.4 116.0

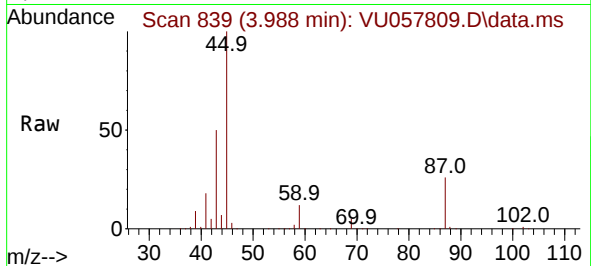
121 30.8 24.0 36.0





#31
Isopropyl Ether
Concen: 11.606 ug/l
RT: 3.988 min Scan# 839
Delta R.T. 0.000 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

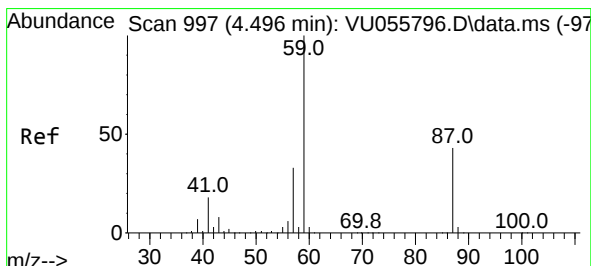
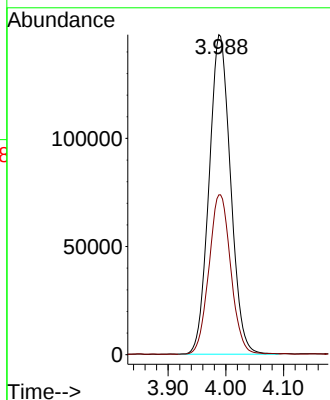
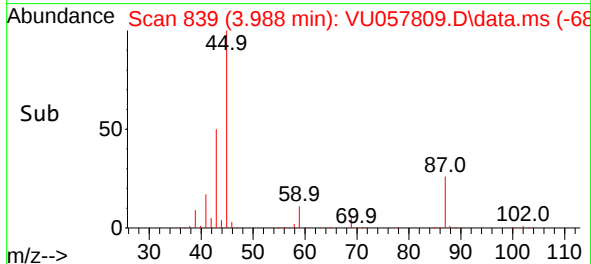
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



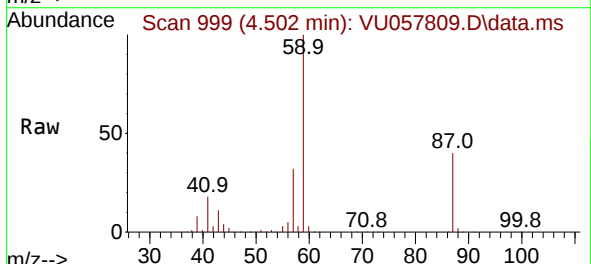
Tgt Ion: 45 Resp: 382569
Ion Ratio Lower Upper
45 100
43 50.5 27.5 82.5

Manual Integrations
APPROVED

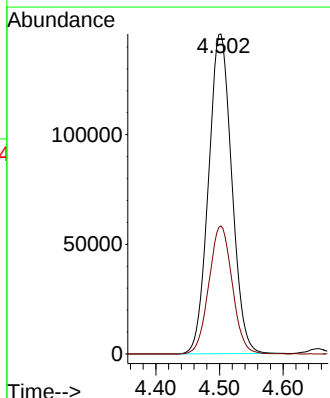
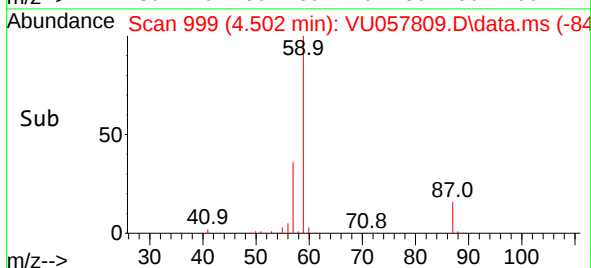
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

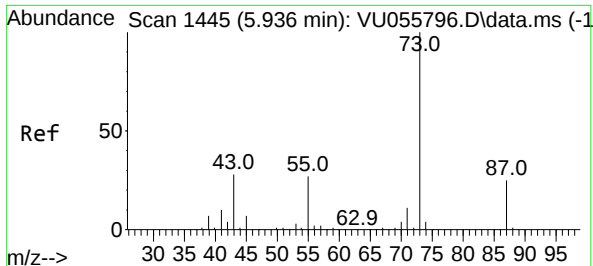


#32
Ethyl-t-butyl ether
Concen: 12.086 ug/l
RT: 4.502 min Scan# 999
Delta R.T. 0.003 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43



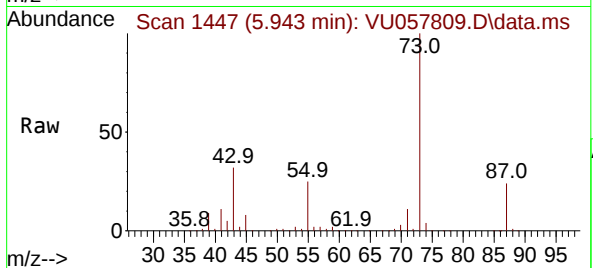
Tgt Ion: 59 Resp: 369850
Ion Ratio Lower Upper
59 100
87 40.3 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 11.935 ug/l
RT: 5.943 min Scan# 1445
Delta R.T. 0.003 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

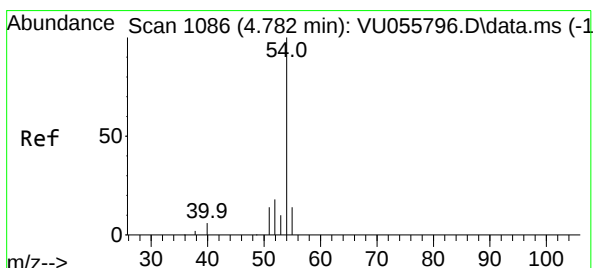
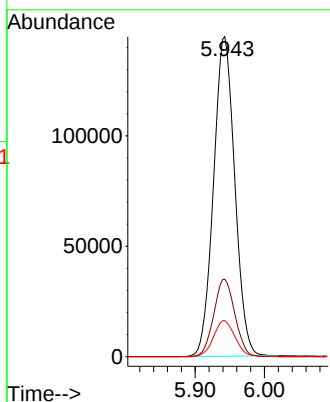
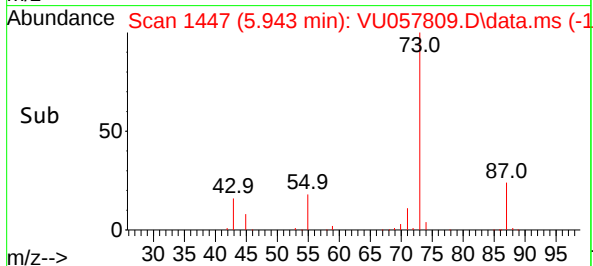
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 73 Resp: 307894
Ion Ratio Lower Upper
73 100
87 24.0 18.6 28.0
71 11.5 9.9 14.9

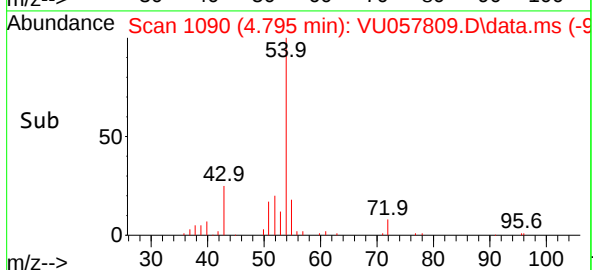
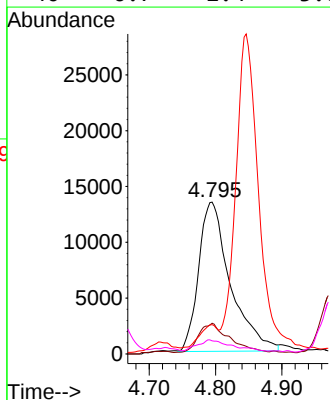
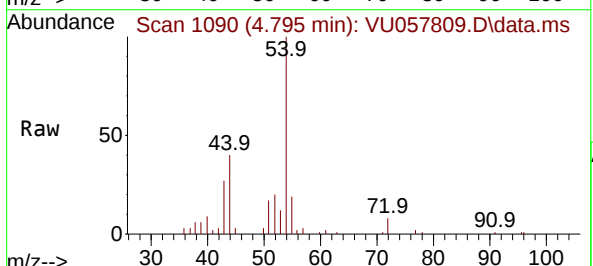
Manual Integrations
APPROVED

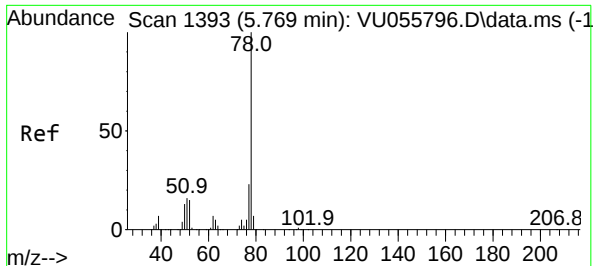
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#34
Propionitrile
Concen: 59.832 ug/l
RT: 4.795 min Scan# 1090
Delta R.T. 0.010 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

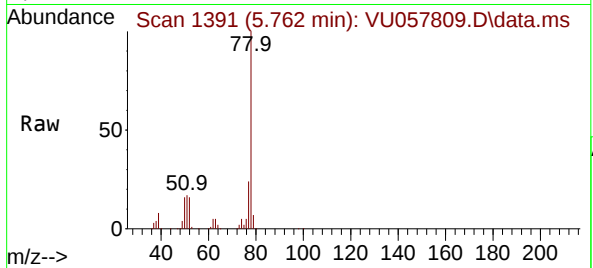
Tgt Ion: 54 Resp: 44524
Ion Ratio Lower Upper
54 100
52 18.5 17.4 26.0
55 10.2 104.1 156.1#
40 6.7 2.4 3.6#





#35
Benzene
Concen: 10.562 ug/l
RT: 5.762 min Scan# 1391
Delta R.T. 0.003 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

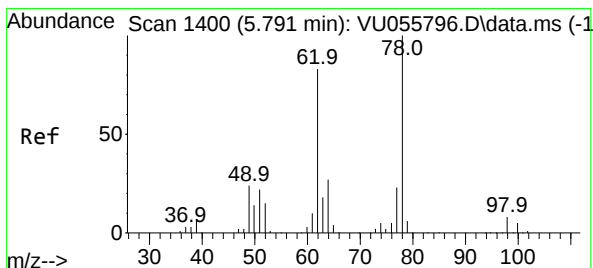
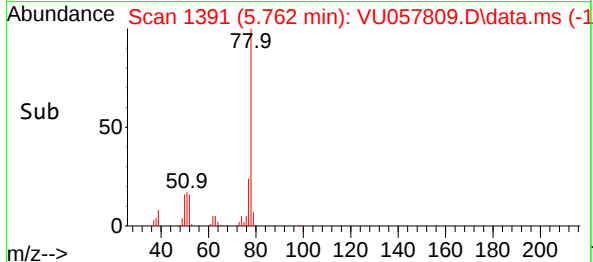
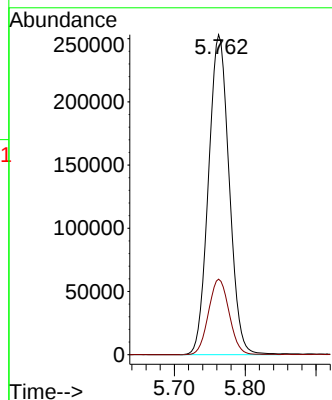
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 78 Resp: 512384
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3

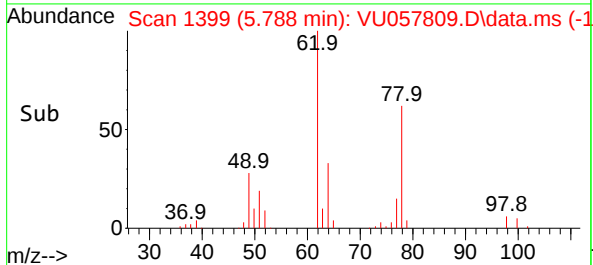
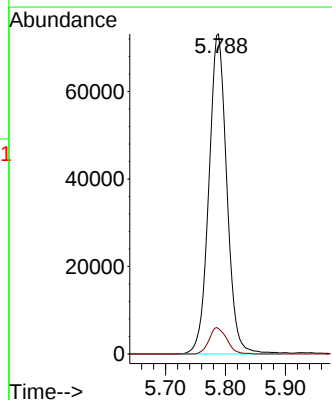
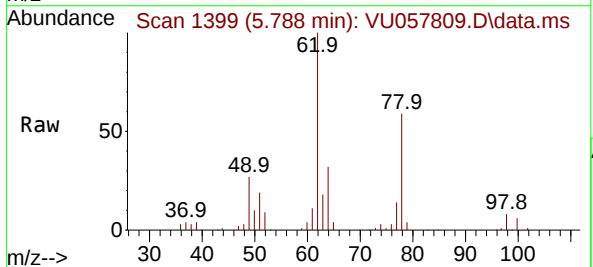
Manual Integrations
APPROVED

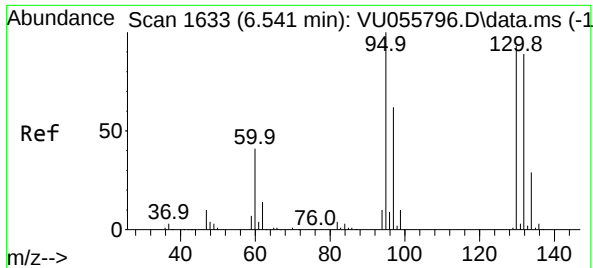
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#36
1,2-Dichloroethane
Concen: 10.768 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. 0.003 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

Tgt Ion: 62 Resp: 152523
Ion Ratio Lower Upper
62 100
98 8.1 7.3 10.9





#37

Trichloroethene

Concen: 10.364 ug/l

RT: 6.534 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU057809.D

Acq: 05 Feb 2024 16:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion:130 Resp: 13283

Ion Ratio Lower Upper

130 100

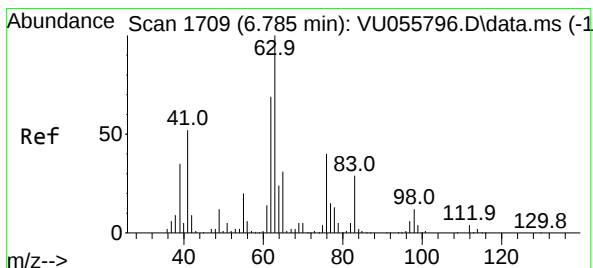
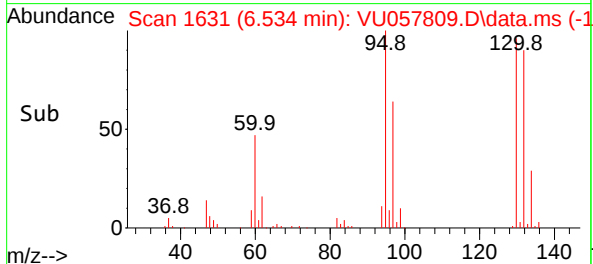
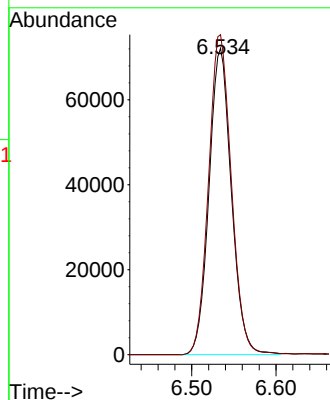
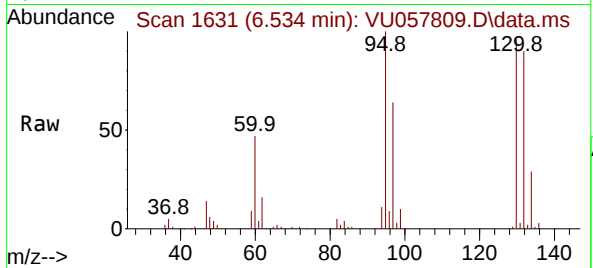
95 104.5 85.0 127.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#38

1,2-Dichloropropane

Concen: 10.868 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.000 min

Lab File: VU057809.D

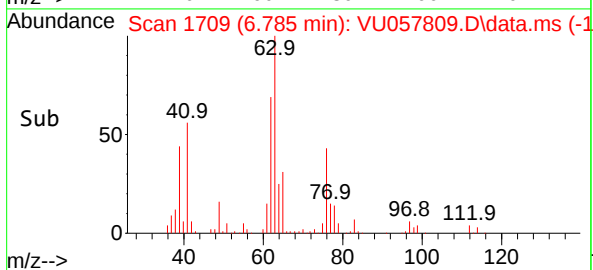
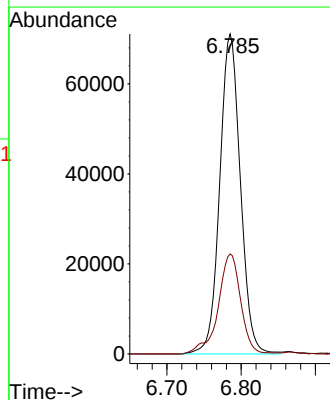
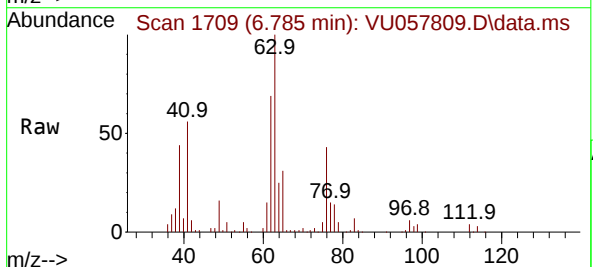
Acq: 05 Feb 2024 16:43

Tgt Ion: 63 Resp: 137473

Ion Ratio Lower Upper

63 100

65 31.3 24.9 37.3





#39

Methacrylonitrile

Concen: 13.176 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VU057809.D

Acq: 05 Feb 2024 16:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 41 Resp: 40134

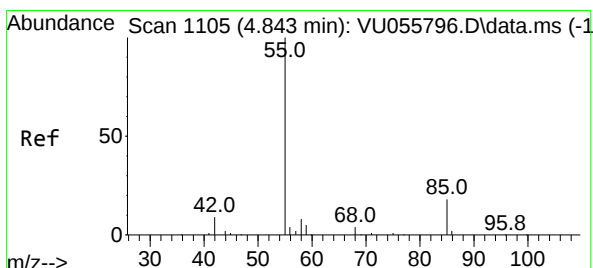
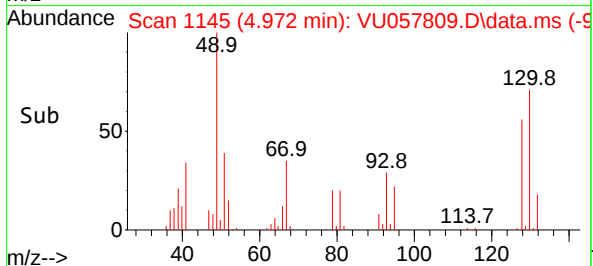
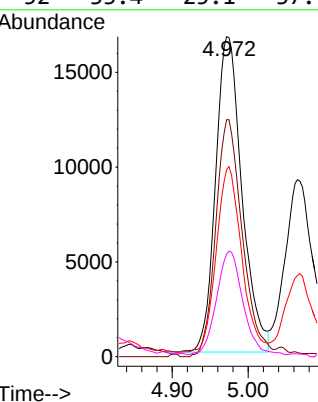
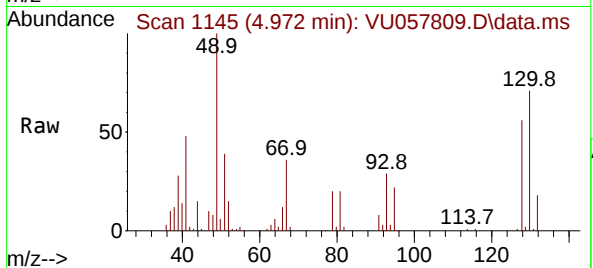
Ion	Ratio	Lower	Upper
41	100		
67	75.6	66.8	100.2
39	56.4	41.2	61.8
52	33.4	25.1	37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#40

Methyl acrylate

Concen: 14.950 ug/l

RT: 4.846 min Scan# 1106

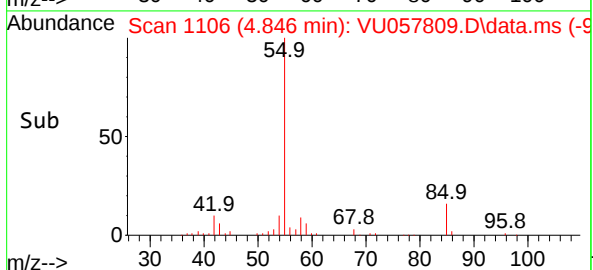
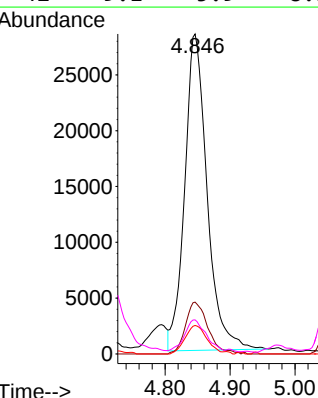
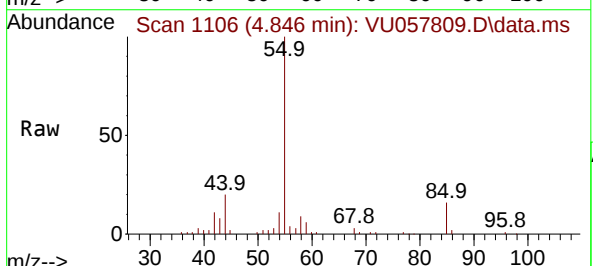
Delta R.T. 0.003 min

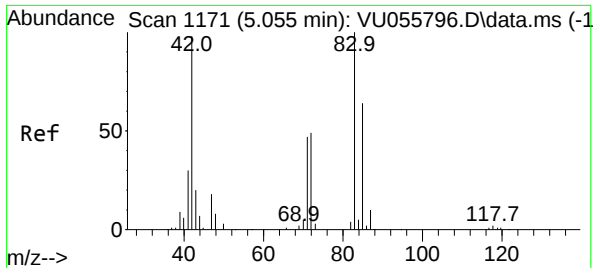
Lab File: VU057809.D

Acq: 05 Feb 2024 16:43

Tgt Ion: 55 Resp: 68083

Ion	Ratio	Lower	Upper
55	100		
85	16.4	13.3	19.9
58	8.7	6.5	9.7
42	9.1	5.9	8.9





#41

Tetrahydrofuran

Concen: 24.004 ug/l

RT: 5.065 min Scan# 1171

Delta R.T. 0.003 min

Lab File: VU057809.D

Acq: 05 Feb 2024 16:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

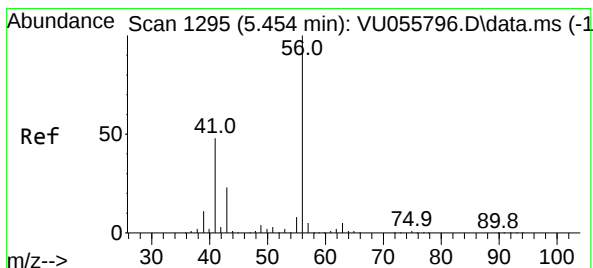
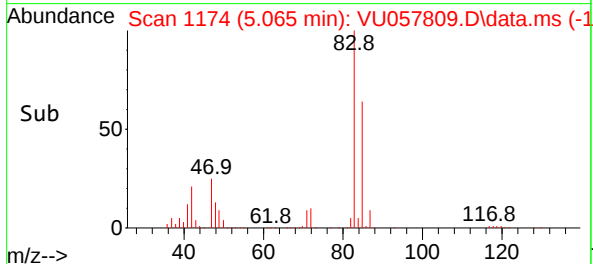
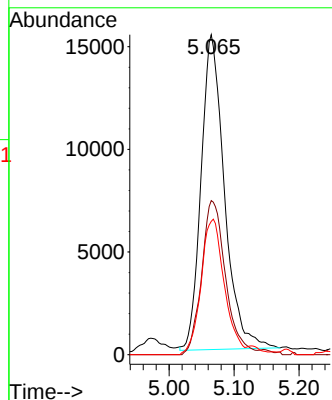
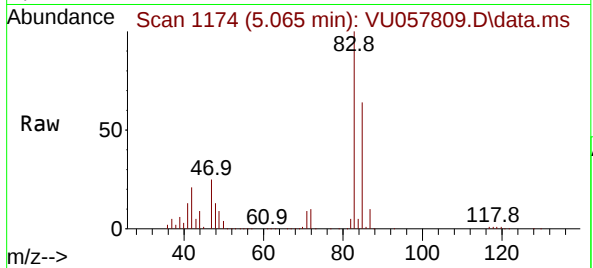
Tgt Ion:	42	Resp:	3843
Ion Ratio	Lower	Upper	
42	100		
72	49.9	40.9	61.3
71	42.8	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#42

1-Chlorobutane

Concen: 10.851 ug/l

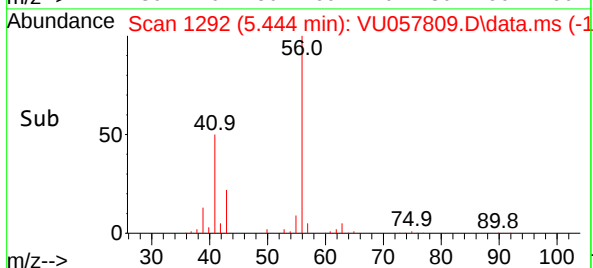
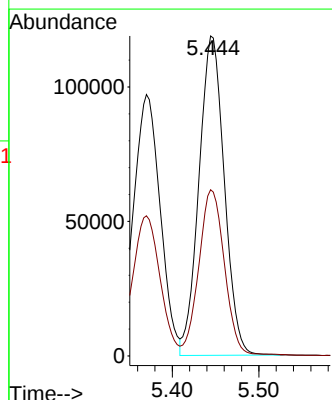
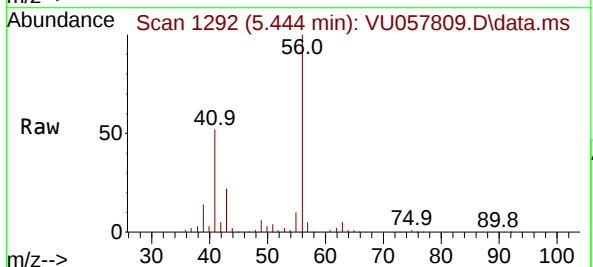
RT: 5.444 min Scan# 1292

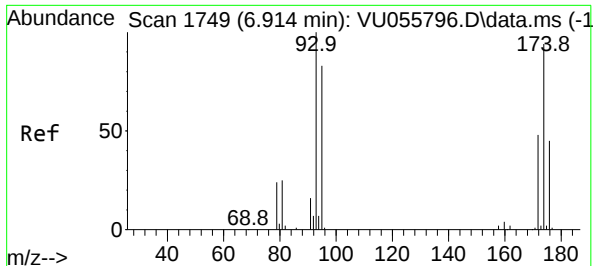
Delta R.T. 0.000 min

Lab File: VU057809.D

Acq: 05 Feb 2024 16:43

Tgt Ion:	56	Resp:	241075
Ion Ratio	Lower	Upper	
56	100		
41	52.7	25.2	75.6





#43

Dibromomethane

Concen: 11.139 ug/l

RT: 6.914 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU057809.D

Acq: 05 Feb 2024 16:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 93 Resp: 64490

Ion Ratio Lower Upper

93 100

95 81.6 67.0 100.6

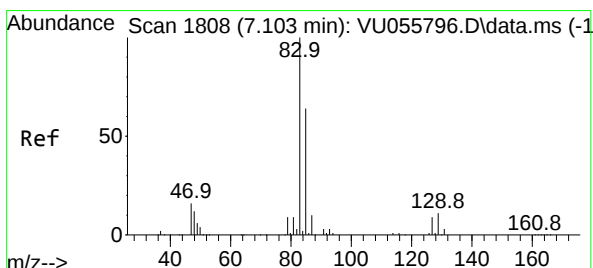
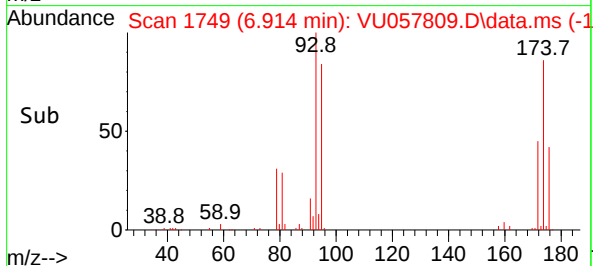
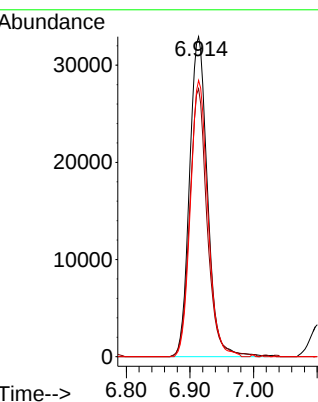
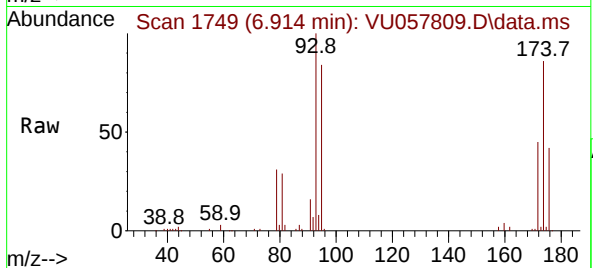
174 84.1 73.8 110.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#44

Bromodichloromethane

Concen: 10.719 ug/l

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU057809.D

Acq: 05 Feb 2024 16:43

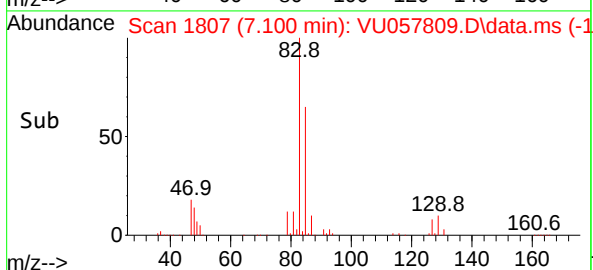
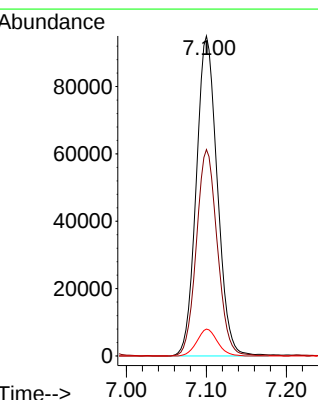
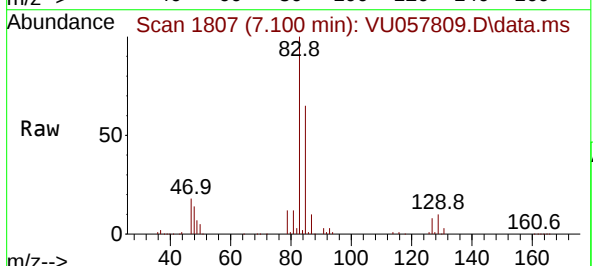
Tgt Ion: 83 Resp: 173633

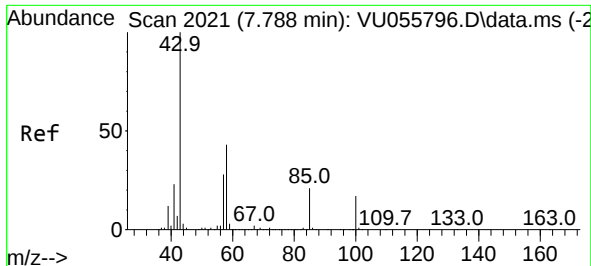
Ion Ratio Lower Upper

83 100

85 64.5 51.9 77.9

127 9.2 6.7 10.1





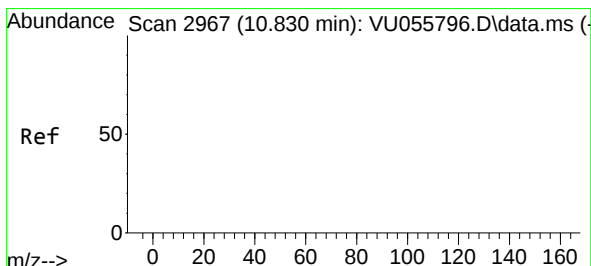
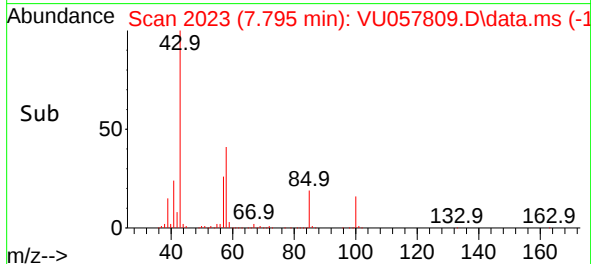
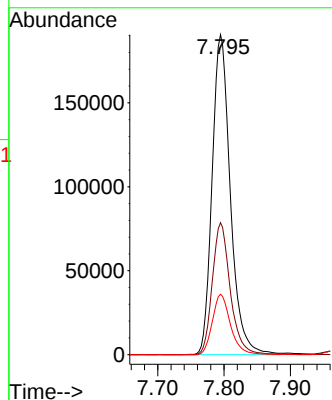
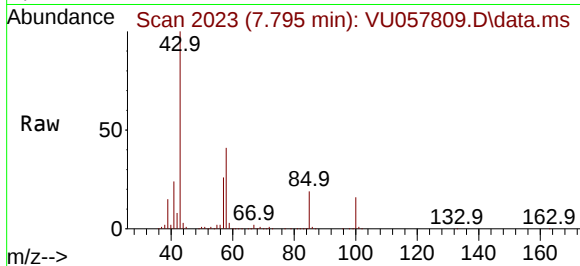
#45
4-Methyl-2-Pentanone
Concen: 61.315 ug/l
RT: 7.795 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 364099
Ion Ratio Lower Upper
43 100
58 40.5 20.9 62.8
85 18.8 14.6 21.8

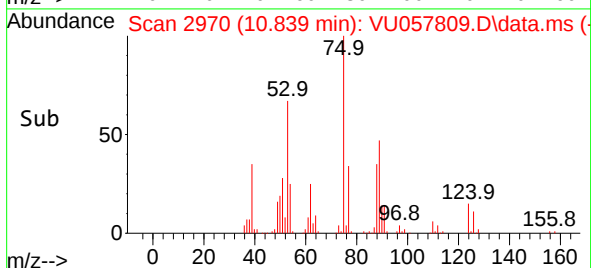
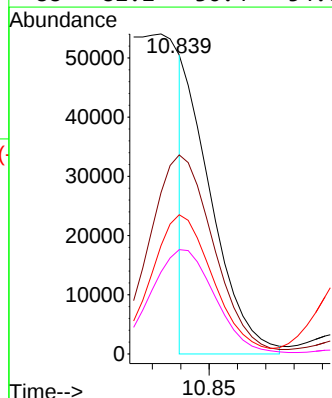
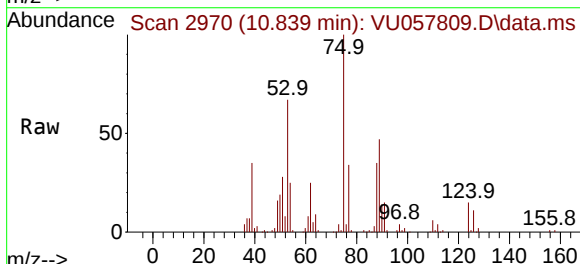
Manual Integrations
APPROVED

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



#46
t-1,4-Dichloro-2-butene
Concen: 20.527 ug/l m
RT: 10.839 min Scan# 2970
Delta R.T. 0.003 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

Tgt Ion: 75 Resp: 34346
Ion Ratio Lower Upper
75 100
53 156.8 73.3 109.9#
89 105.7 48.2 72.4#
88 82.2 36.4 54.6#





#47

Methyl methacrylate

Concen: 23.092 ug/l

RT: 6.962 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU057809.D

Acq: 05 Feb 2024 16:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 69 Resp: 11889

Ion Ratio Lower Upper

69 100

41 112.4 0.0 209.2

39 66.7 46.7 70.1

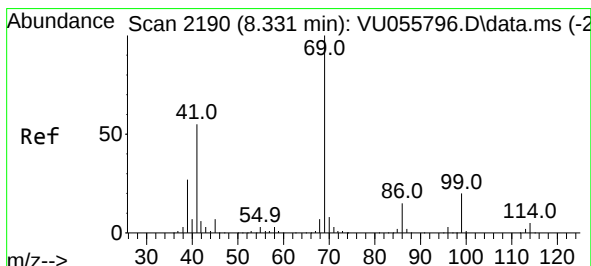
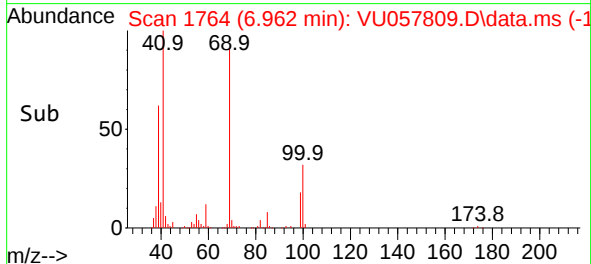
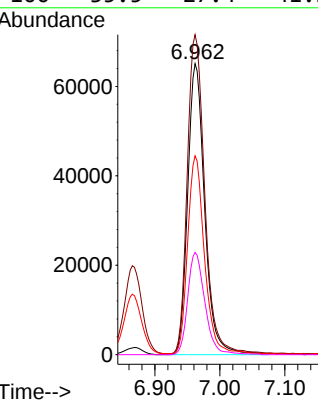
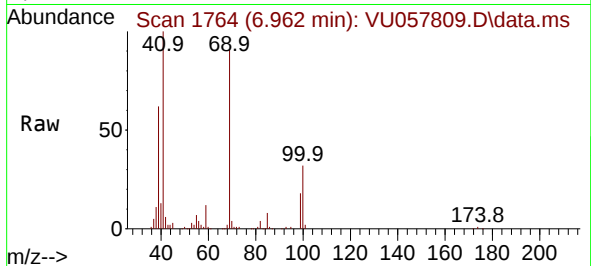
100 35.5 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#48

Ethyl methacrylate

Concen: 11.561 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. 0.000 min

Lab File: VU057809.D

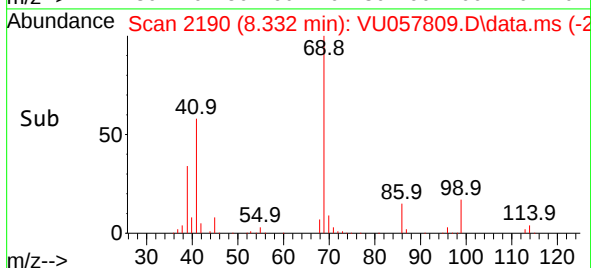
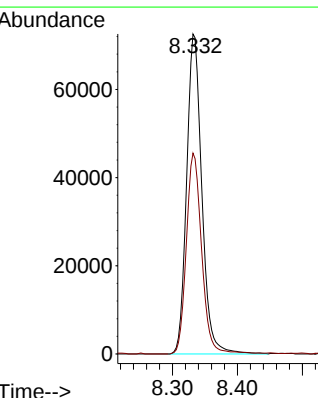
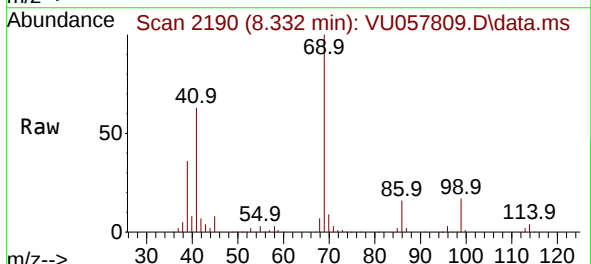
Acq: 05 Feb 2024 16:43

Tgt Ion: 69 Resp: 118406

Ion Ratio Lower Upper

69 100

41 63.4 30.3 90.8





#49

Toluene

Concen: 10.675 ug/l

RT: 7.962 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU057809.D

Acq: 05 Feb 2024 16:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 92 Resp: 316090

Ion Ratio Lower Upper

92 100

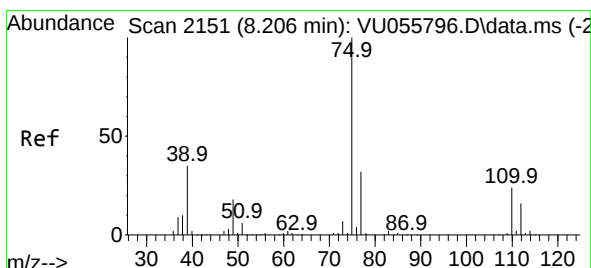
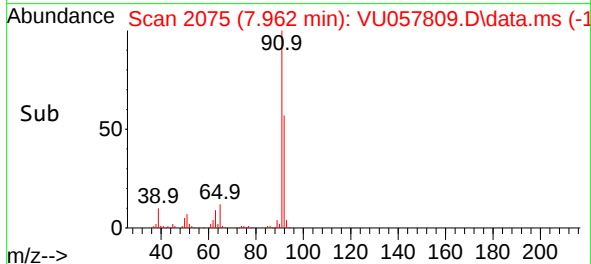
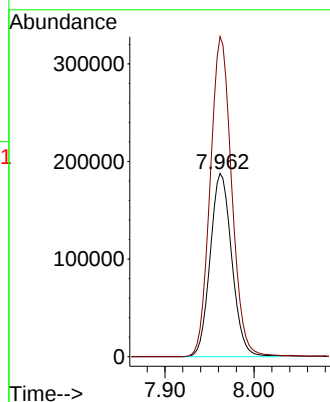
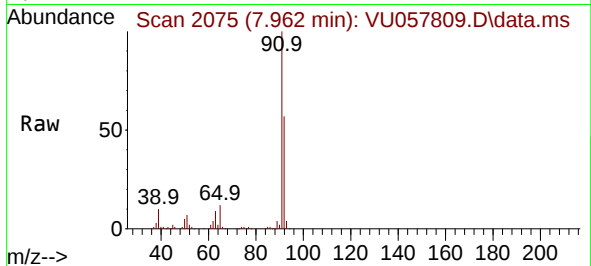
91 173.9 143.0 214.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#50

t-1,3-Dichloropropene

Concen: 11.455 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU057809.D

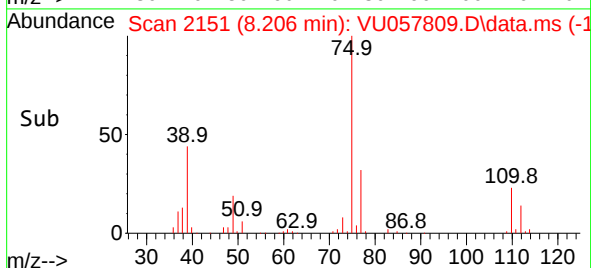
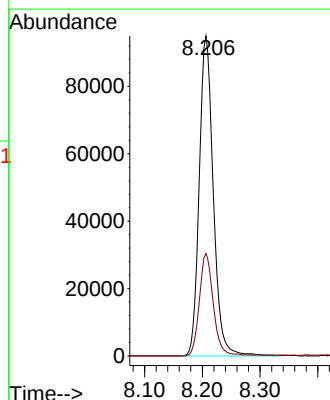
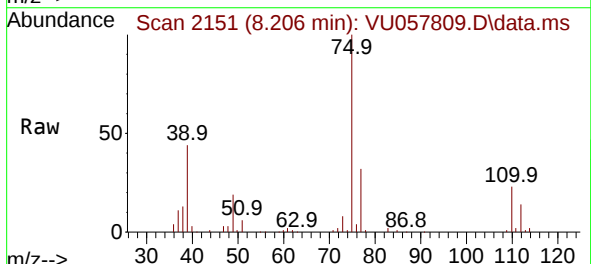
Acq: 05 Feb 2024 16:43

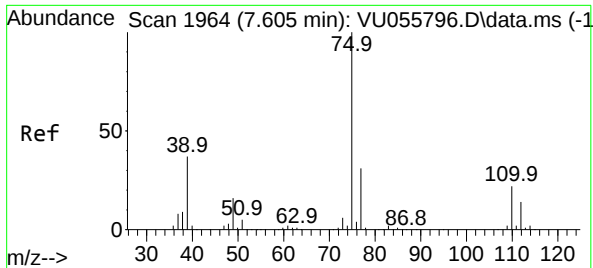
Tgt Ion: 75 Resp: 161088

Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9





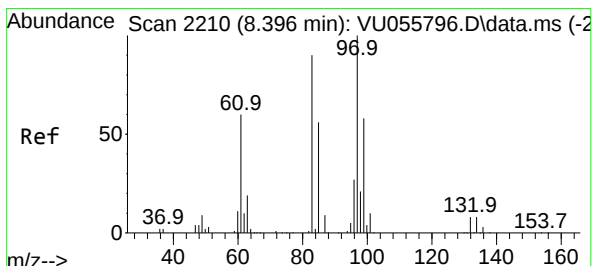
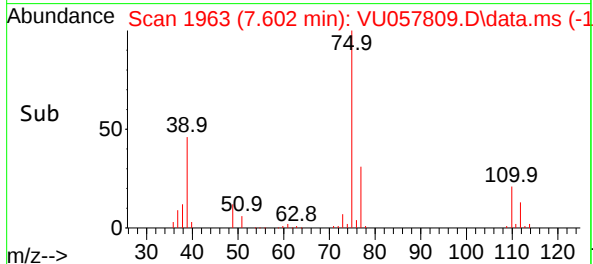
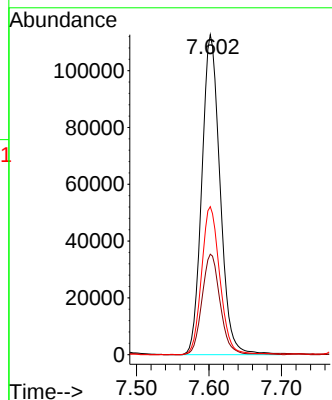
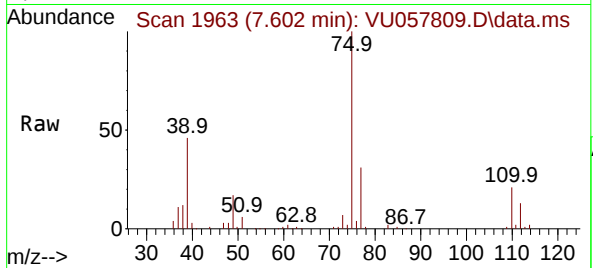
#51
 cis-1,3-Dichloropropene
 Concen: 11.098 ug/l
 RT: 7.602 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VU057809.D
 Acq: 05 Feb 2024 16:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 75 Resp: 196750
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.7 38.5
 39 46.3 32.8 49.2

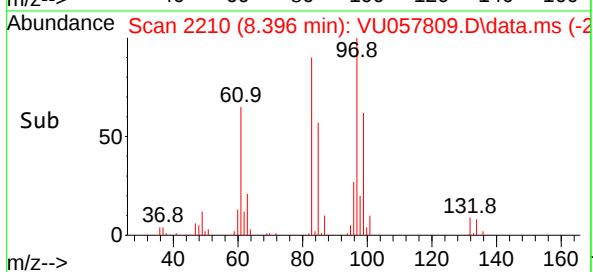
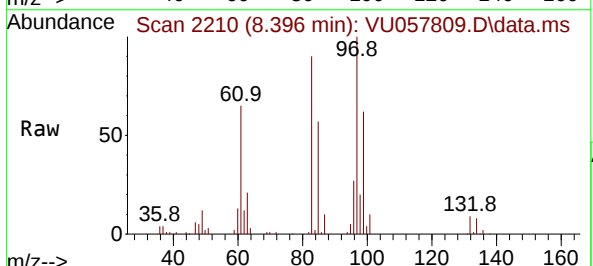
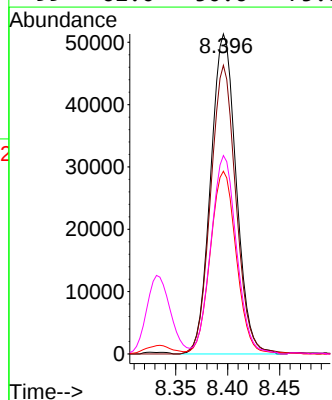
Manual Integrations
 APPROVED

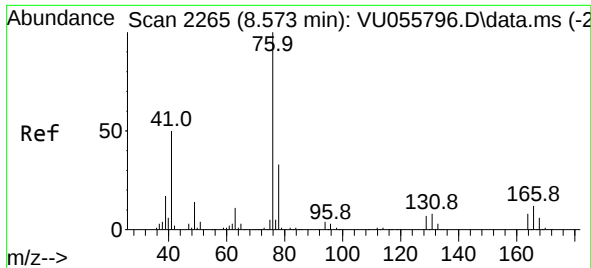
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024



#52
 1,1,2-Trichloroethane
 Concen: 10.926 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VU057809.D
 Acq: 05 Feb 2024 16:43

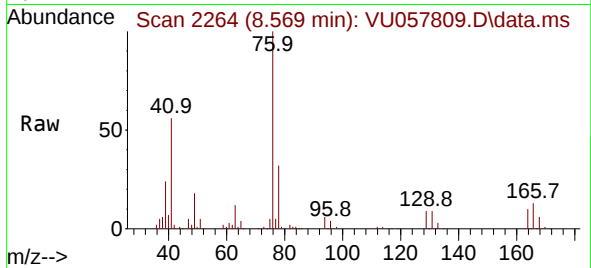
Tgt Ion: 97 Resp: 87479
 Ion Ratio Lower Upper
 97 100
 83 90.2 71.8 107.8
 85 56.6 45.2 67.8
 99 62.0 50.6 75.8





#53
1,3-Dichloropropane
Concen: 10.818 ug/l
RT: 8.569 min Scan# 210
Delta R.T. 0.000 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

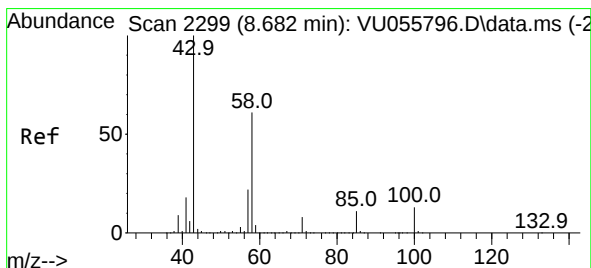
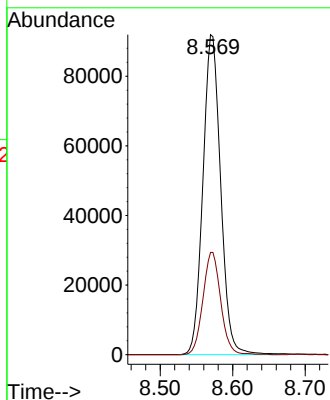
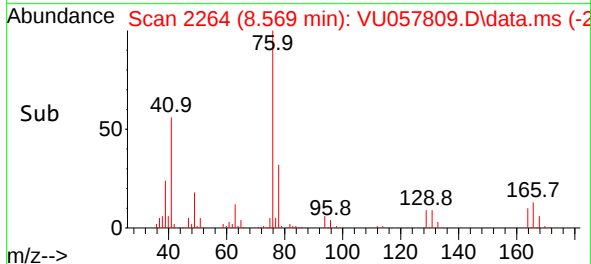
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



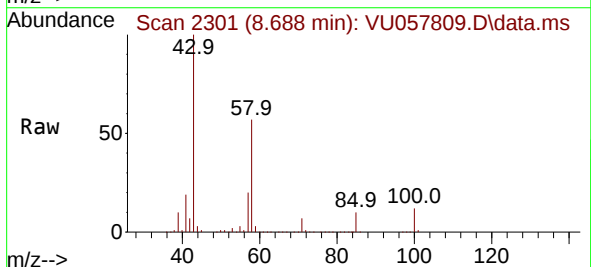
Tgt Ion: 76 Resp: 156120
Ion Ratio Lower Upper
76 100
78 32.0 25.9 38.9

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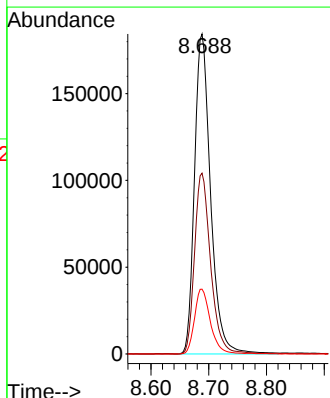
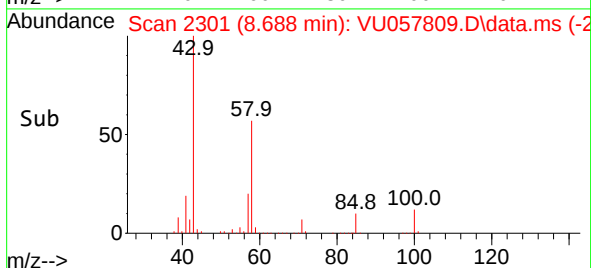
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#54
2-Hexanone
Concen: 63.641 ug/l
RT: 8.688 min Scan# 2301
Delta R.T. 0.003 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43



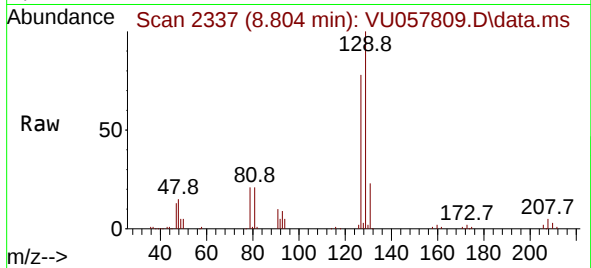
Tgt Ion: 43 Resp: 357486
Ion Ratio Lower Upper
43 100
58 56.4 38.2 78.2
57 19.9 0.0 39.1





#55
Dibromochloromethane
Concen: 10.761 ug/l
RT: 8.804 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

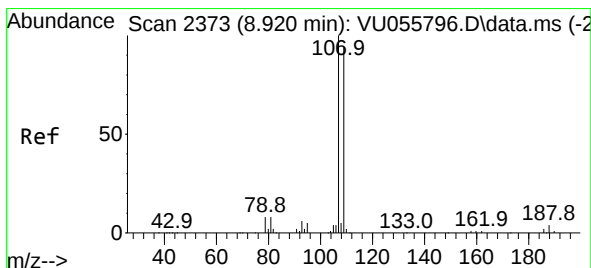
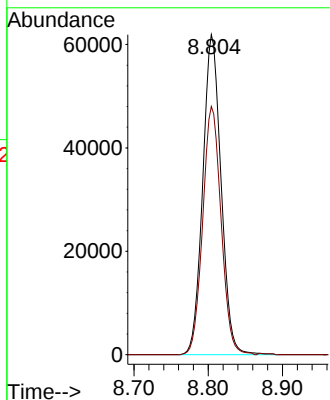
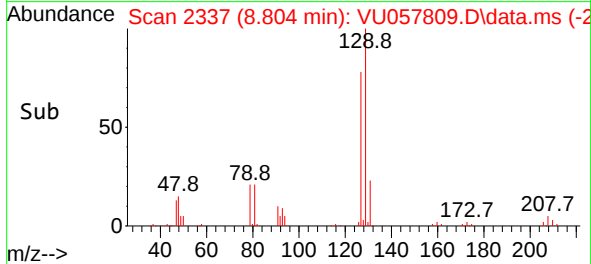
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion:129 Resp: 106059
Ion Ratio Lower Upper
129 100
127 77.7 61.4 92.0

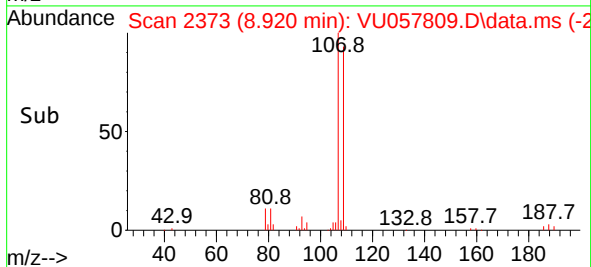
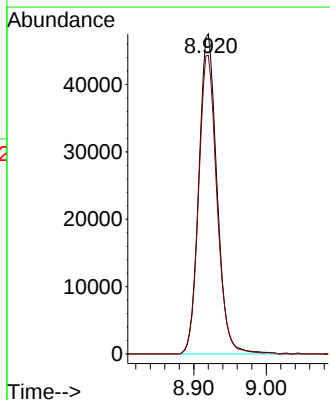
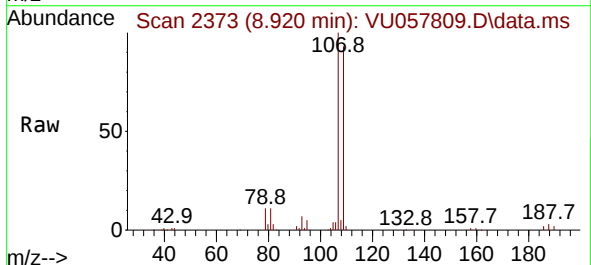
Manual Integrations
APPROVED

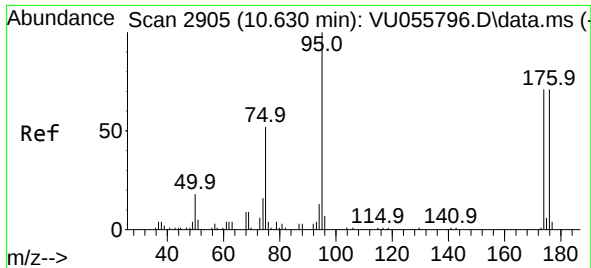
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#56
1,2-Dibromoethane
Concen: 11.237 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

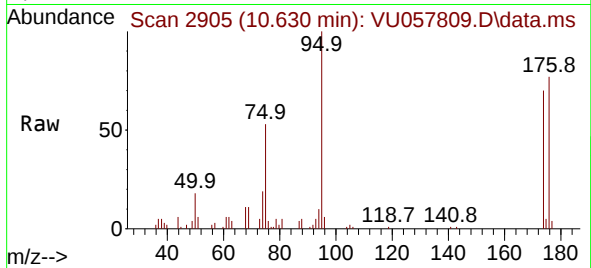
Tgt Ion:107 Resp: 82570
Ion Ratio Lower Upper
107 100
109 94.0 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 1.018 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

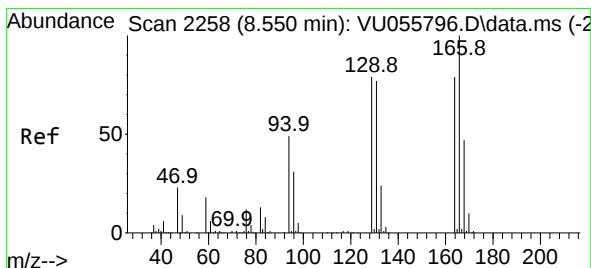
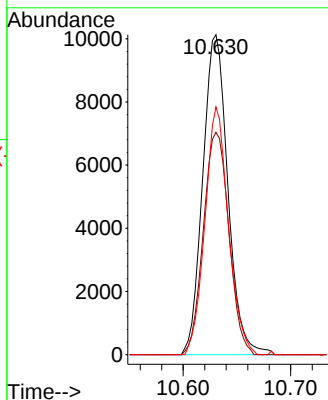
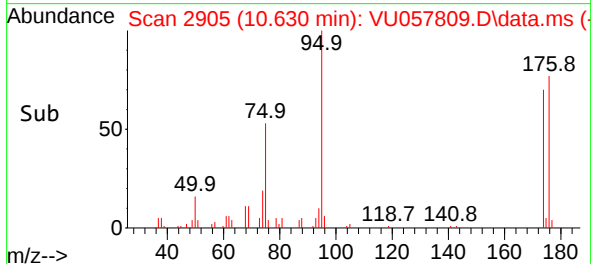
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 95 Resp: 16409
Ion Ratio Lower Upper
95 100
174 70.6 63.3 94.9
176 72.3 59.3 88.9

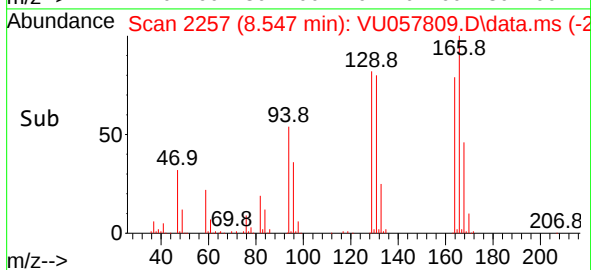
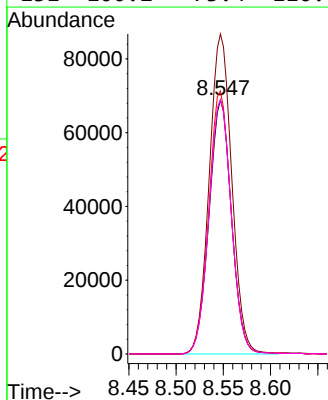
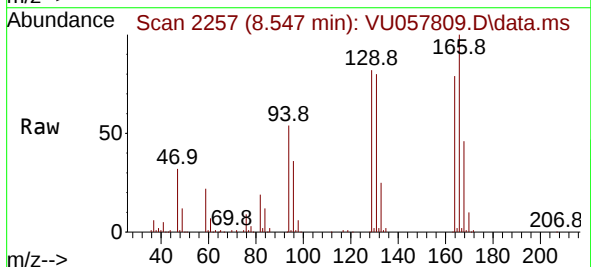
Manual Integrations
APPROVED

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



#58
Tetrachloroethene
Concen: 10.026 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

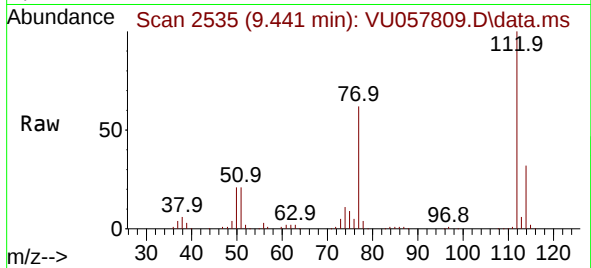
Tgt Ion:164 Resp: 113335
Ion Ratio Lower Upper
164 100
166 126.0 99.6 149.4
129 103.5 78.6 117.8
131 100.2 73.4 110.0





#59
Chlorobenzene
Concen: 10.696 ug/l
RT: 9.441 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

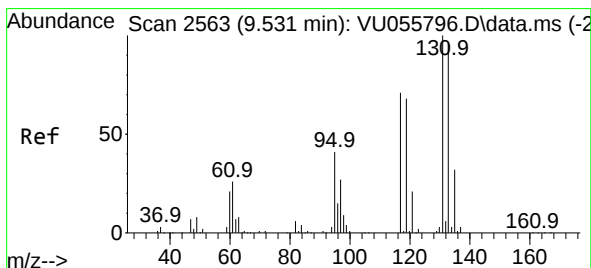
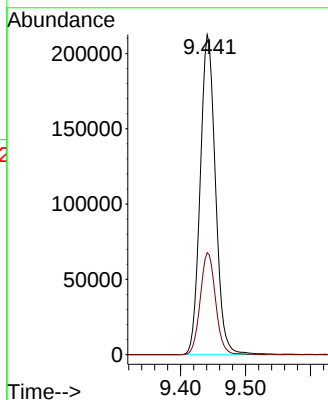
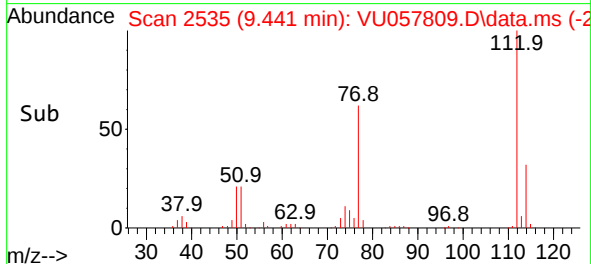
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



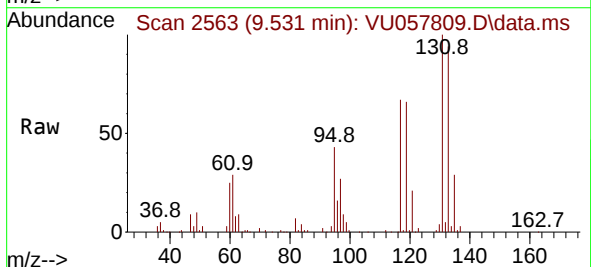
Tgt Ion:112 Resp: 348270
Ion Ratio Lower Upper
112 100
114 31.8 25.6 38.4

Manual Integrations
APPROVED

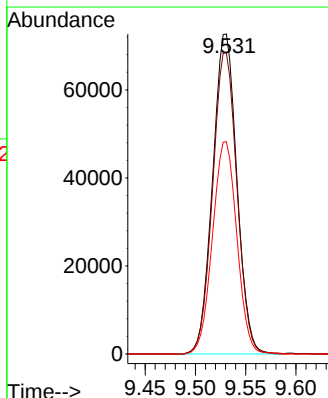
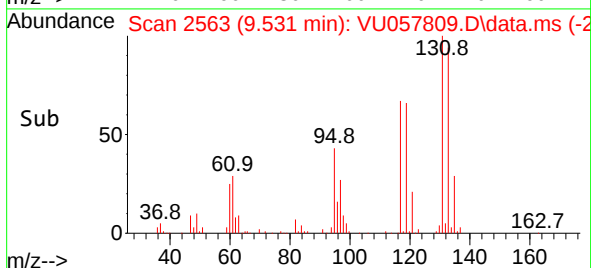
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

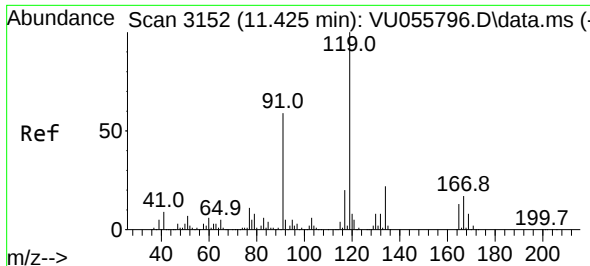


#60
1,1,1,2-Tetrachloroethane
Concen: 10.992 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. 0.003 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43



Tgt Ion:131 Resp: 121909
Ion Ratio Lower Upper
131 100
133 94.5 77.8 116.6
119 66.7 55.2 82.8





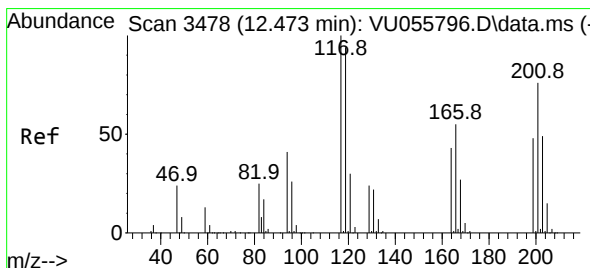
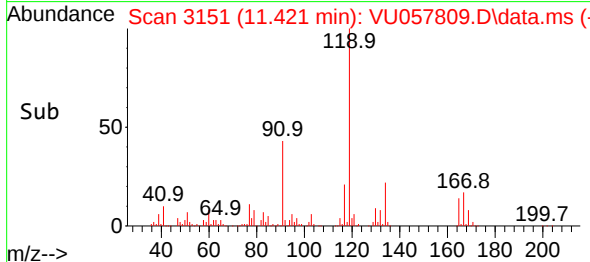
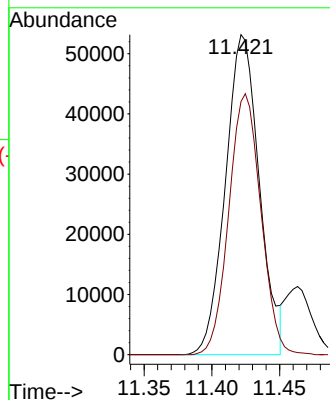
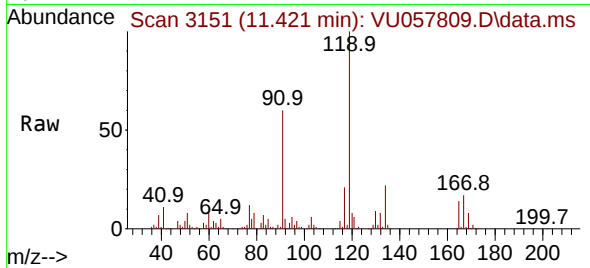
#61
Pentachloroethane
Concen: 11.601 ug/l
RT: 11.421 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 92470
Ion Ratio Lower Upper
117 100
167 77.2 56.7 85.1

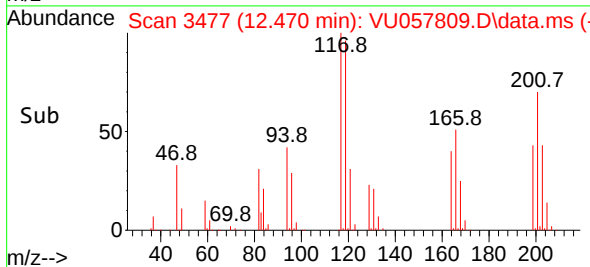
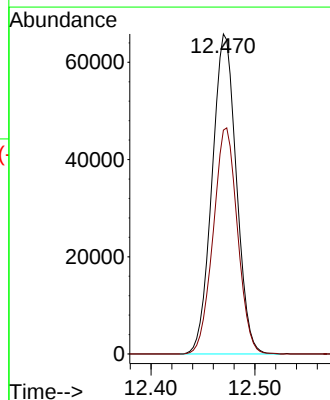
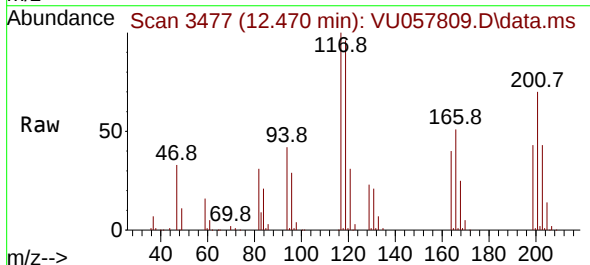
Manual Integrations
APPROVED

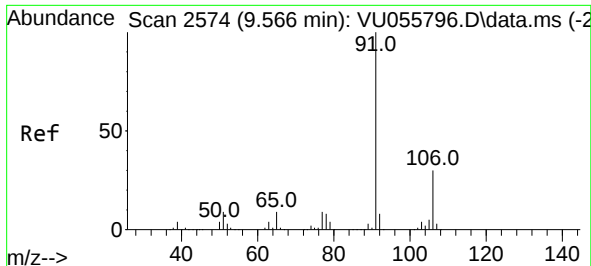
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#62
Hexachloroethane
Concen: 12.137 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. -0.003 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

Tgt Ion:117 Resp: 106876
Ion Ratio Lower Upper
117 100
201 70.7 59.6 89.4





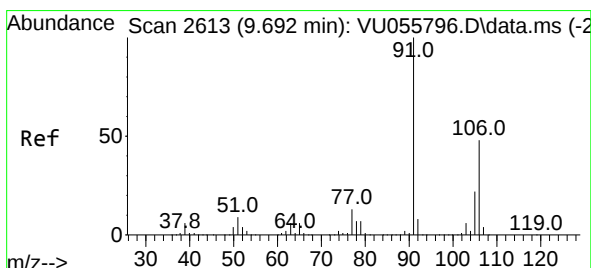
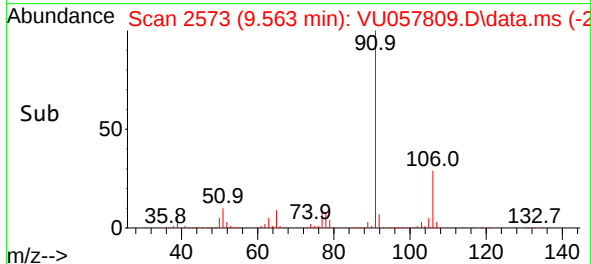
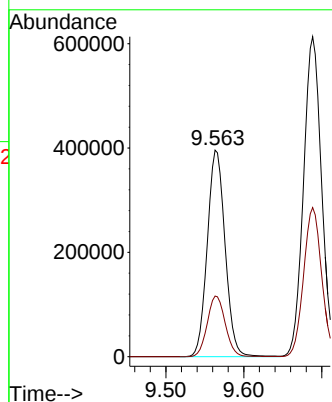
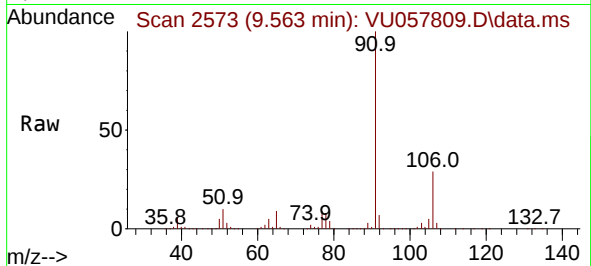
#63
Ethyl Benzene
Concen: 10.847 ug/l
RT: 9.563 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 62863
Ion Ratio Lower Upper
91 100
106 29.4 24.2 36.2

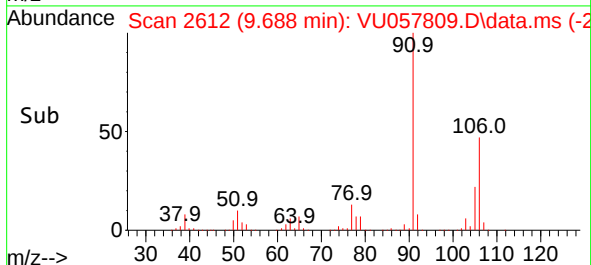
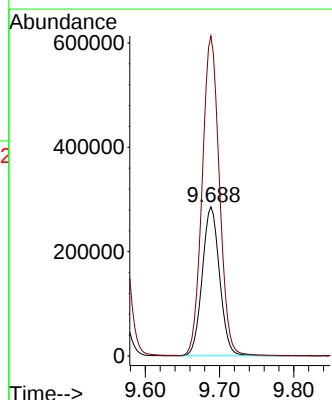
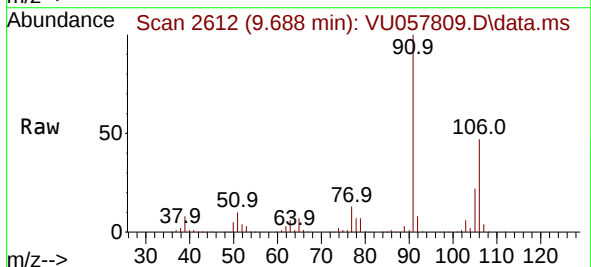
Manual Integrations
APPROVED

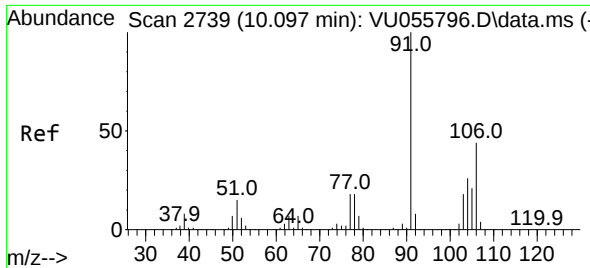
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#64
m/p-Xylenes
Concen: 22.045 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

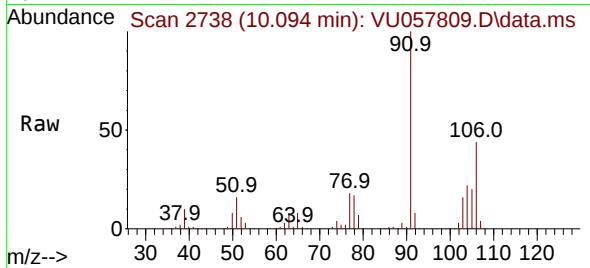
Tgt Ion:106 Resp: 463596
Ion Ratio Lower Upper
106 100
91 213.7 167.3 250.9





#65
o-Xylene
Concen: 10.927 ug/l
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

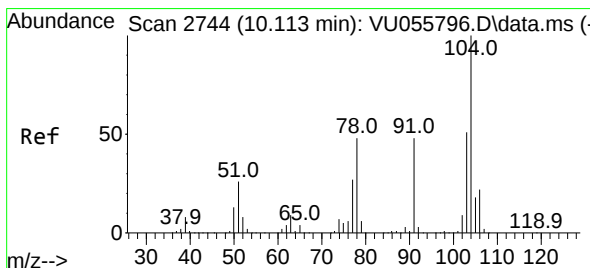
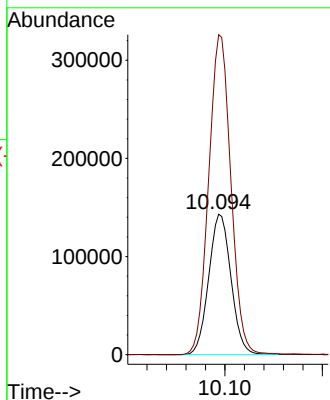
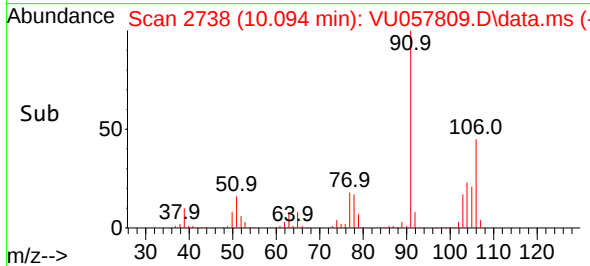
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion:106 Resp: 227360
Ion Ratio Lower Upper
106 100
91 227.2 109.3 327.9

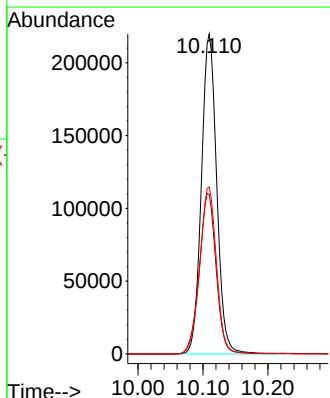
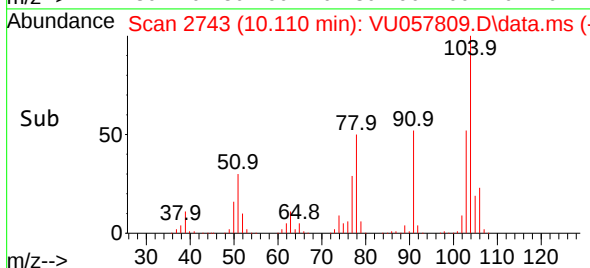
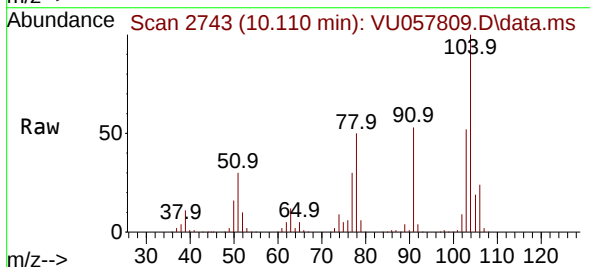
Manual Integrations
APPROVED

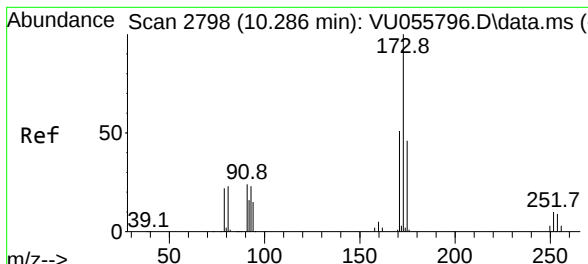
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#66
Styrene
Concen: 11.616 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

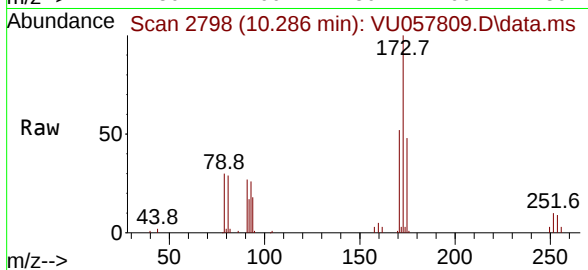
Tgt Ion:104 Resp: 361377
Ion Ratio Lower Upper
104 100
78 55.1 39.7 59.5
103 56.9 44.8 67.2





#67
Bromoform
Concen: 11.032 ug/l
RT: 10.286 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

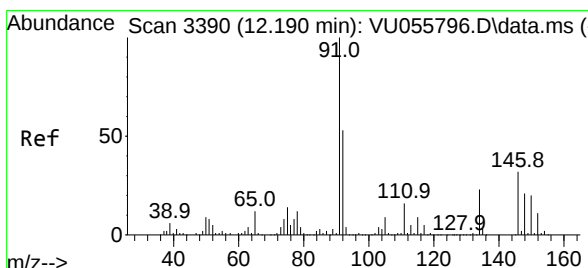
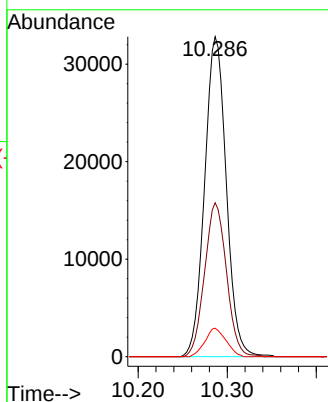
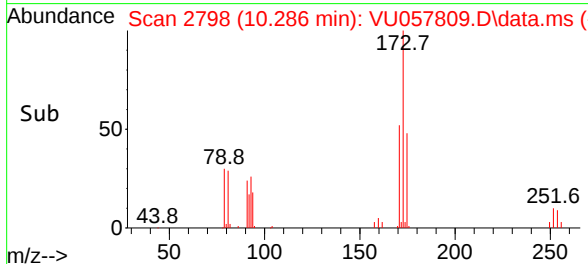
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



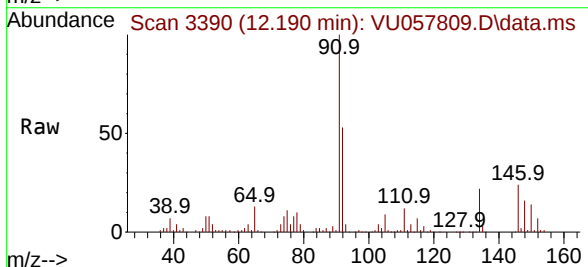
Tgt Ion:173 Resp: 5533
Ion Ratio Lower Upper
173 100
175 48.6 39.0 58.6
254 8.7 7.4 11.0

Manual Integrations
APPROVED

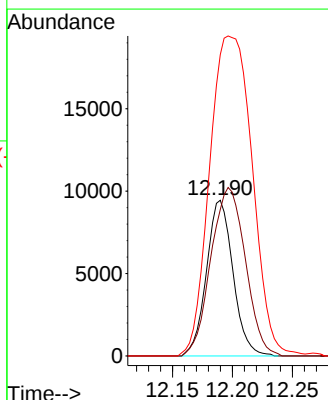
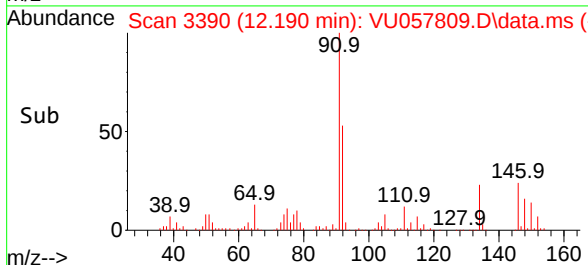
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

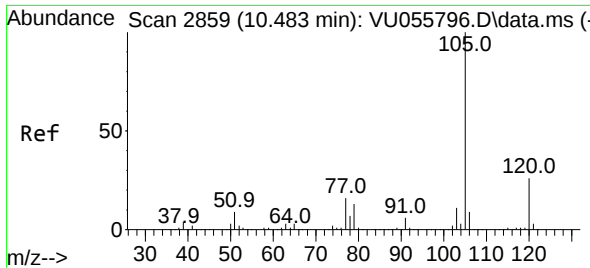


#68
1,2-Dichlorobenzene-d4
Concen: 1.007 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. -0.003 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43



Tgt Ion:152 Resp: 14551
Ion Ratio Lower Upper
152 100
115 140.6 0.0 308.8
150 329.5 0.0 635.0





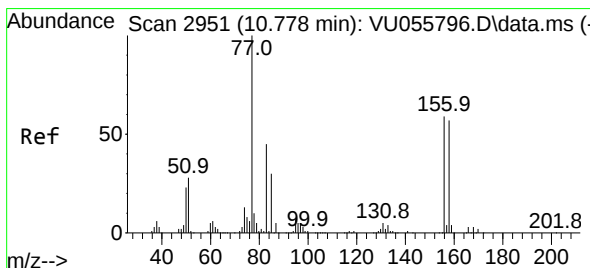
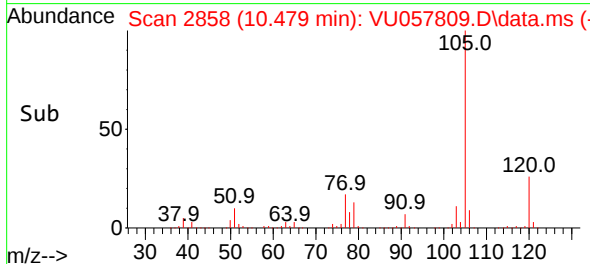
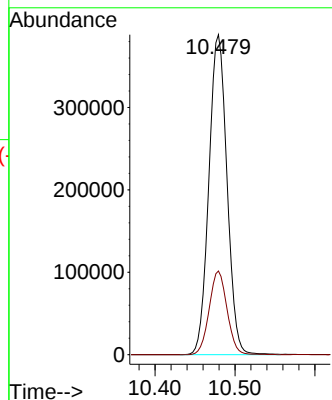
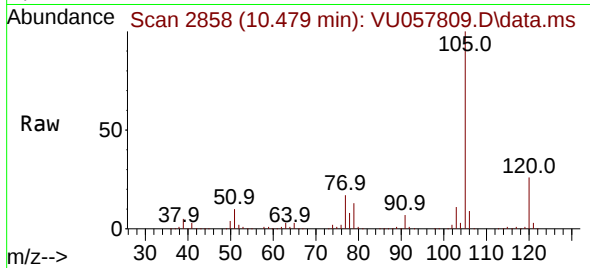
#69
Isopropylbenzene
Concen: 11.220 ug/l
RT: 10.479 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:105 Resp: 611540
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.4

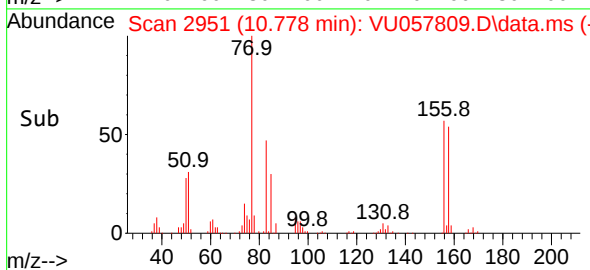
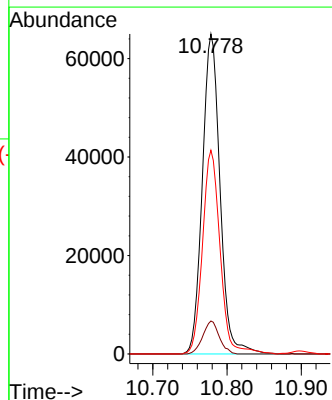
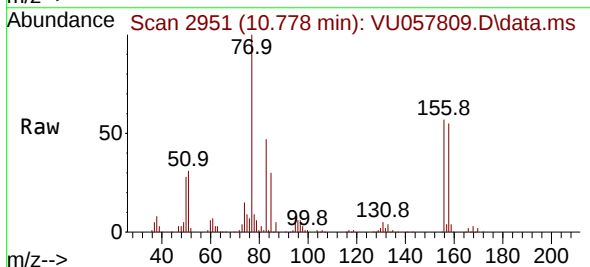
Manual Integrations
APPROVED

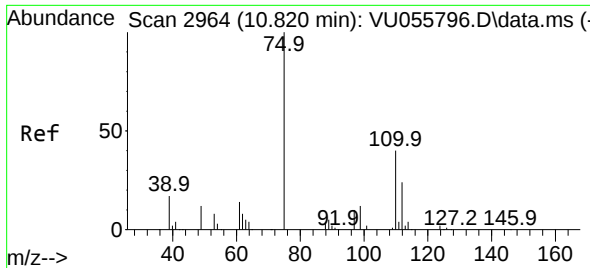
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#70
1,1,2,2-Tetrachloroethane
Concen: 10.846 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

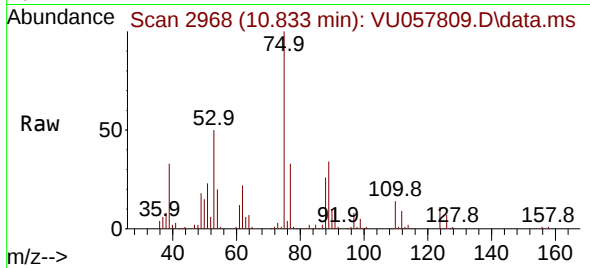
Tgt Ion: 83 Resp: 107457
Ion Ratio Lower Upper
83 100
131 9.6 7.2 10.8
85 63.3 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 11.075 ug/l m
RT: 10.833 min Scan# 2968
Delta R.T. 0.000 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

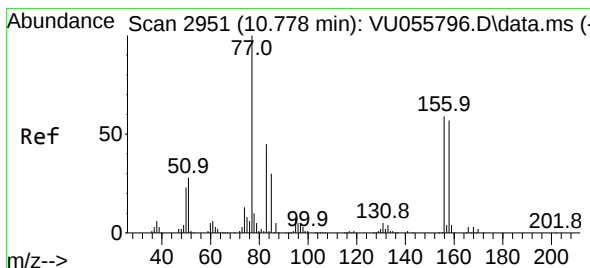
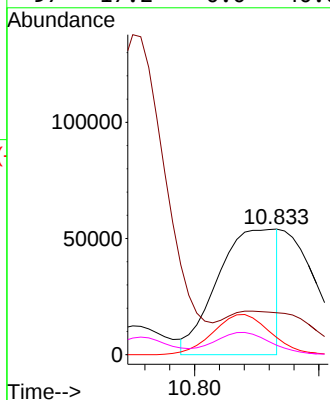
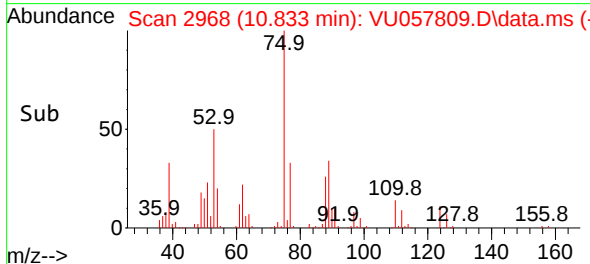
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



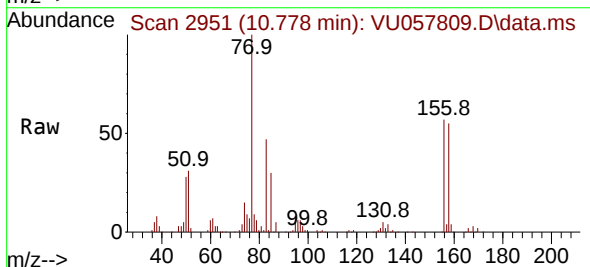
Tgt Ion:	75	Resp:	8992
Ion Ratio	Lower	Upper	
75	100		
77	47.8	0.0	116.4
110	31.3	0.0	74.6
97	17.2	0.0	40.0

Manual Integrations
APPROVED

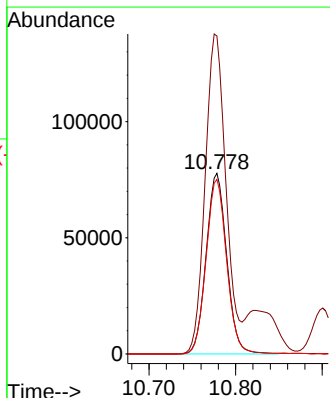
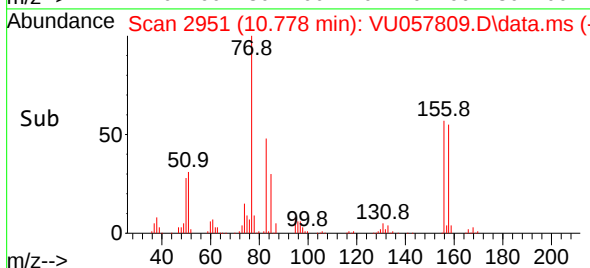
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

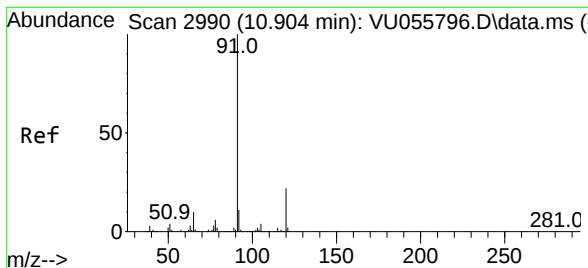


#72
Bromobenzene
Concen: 10.760 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43



Tgt Ion:	156	Resp:	128200
Ion Ratio	Lower	Upper	
156	100		
77	179.0	0.0	343.0
158	96.7	0.0	194.8





#73

n-propylbenzene

Concen: 11.912 ug/l

RT: 10.901 min Scan# 2990

Delta R.T. 0.000 min

Lab File: VU057809.D

Acq: 05 Feb 2024 16:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion:120 Resp: 16390

Ion Ratio Lower Upper

120 100

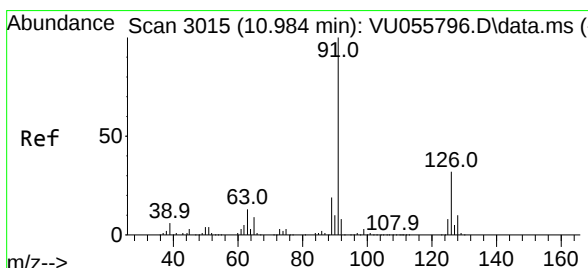
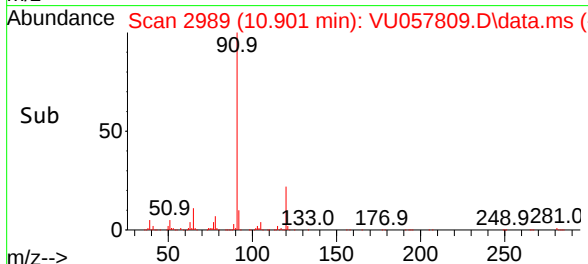
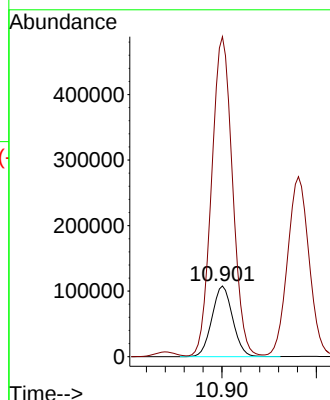
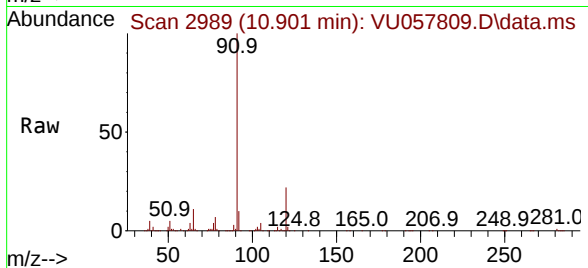
91 454.9 369.8 554.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#74

2-Chlorotoluene

Concen: 10.975 ug/l

RT: 10.981 min Scan# 3014

Delta R.T. 0.000 min

Lab File: VU057809.D

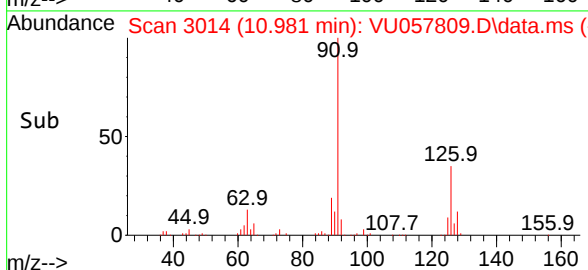
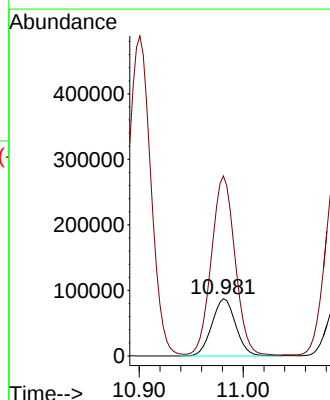
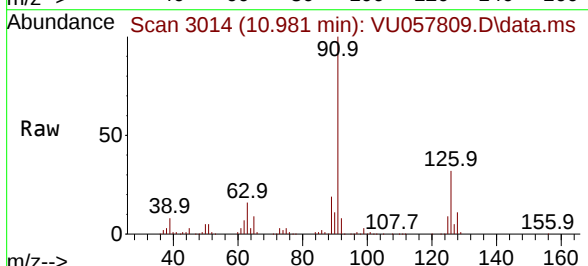
Acq: 05 Feb 2024 16:43

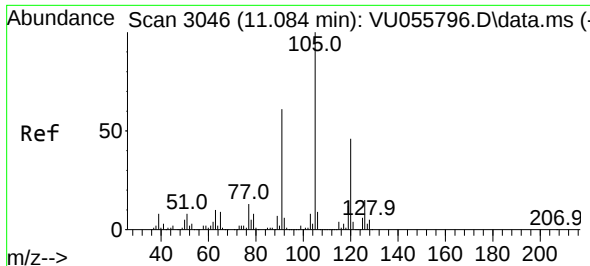
Tgt Ion:126 Resp: 138781

Ion Ratio Lower Upper

126 100

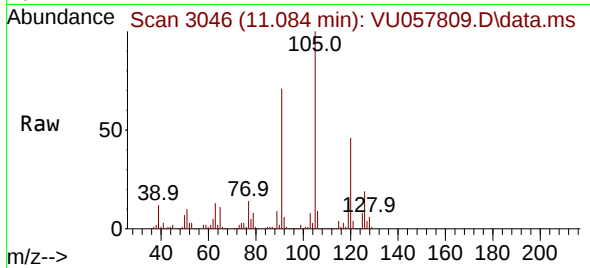
91 311.4 0.0 610.0





#75
1,3,5-Trimethylbenzene
Concen: 11.191 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

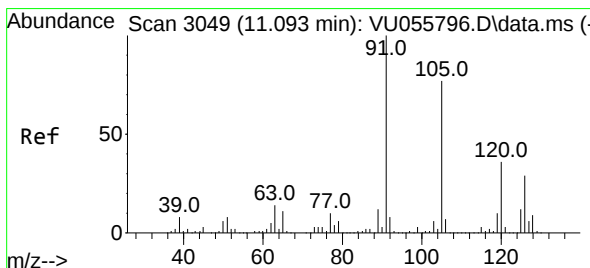
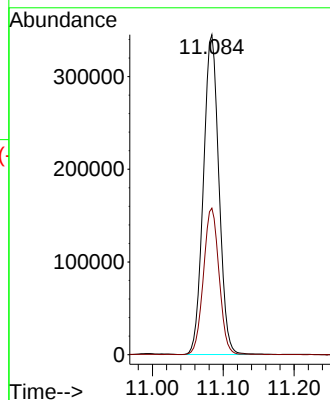
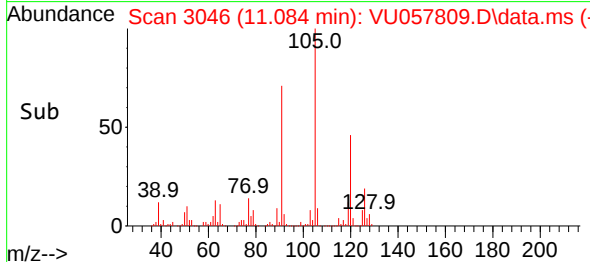
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion:105 Resp: 525080
Ion Ratio Lower Upper
105 100
120 46.0 37.8 56.8

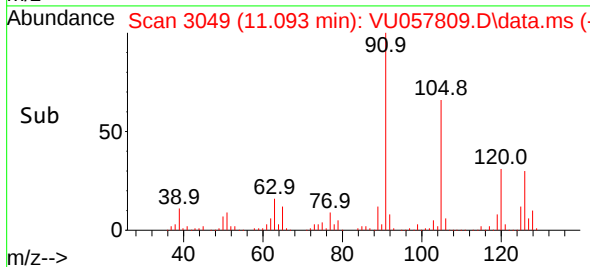
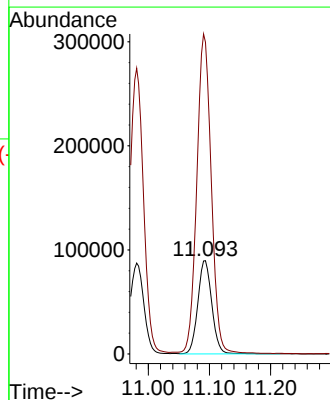
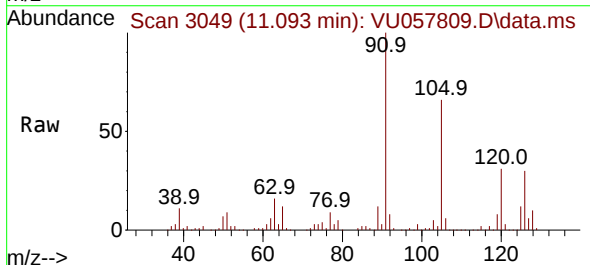
Manual Integrations
APPROVED

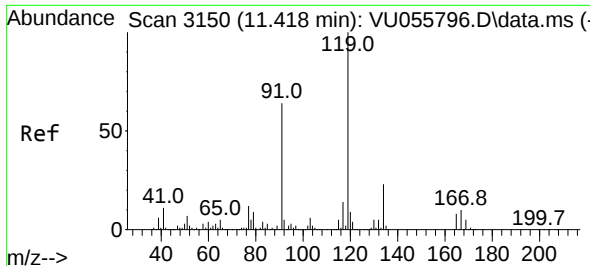
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#76
4-Chlorotoluene
Concen: 11.169 ug/l
RT: 11.093 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

Tgt Ion:126 Resp: 142343
Ion Ratio Lower Upper
126 100
91 353.3 0.0 686.2





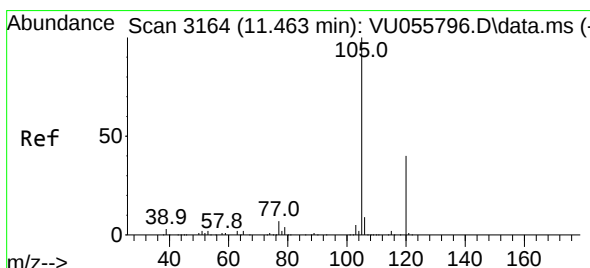
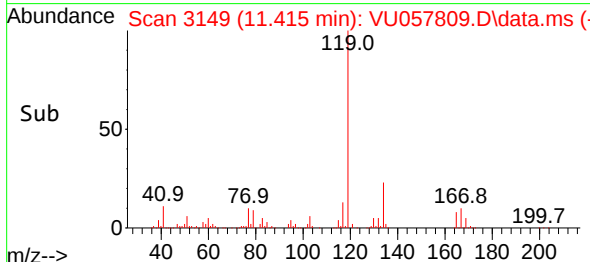
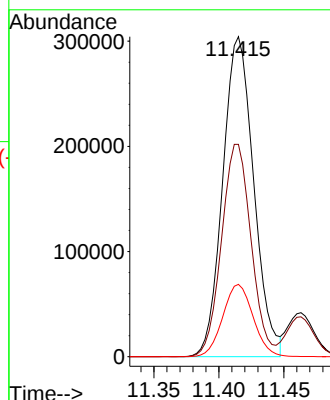
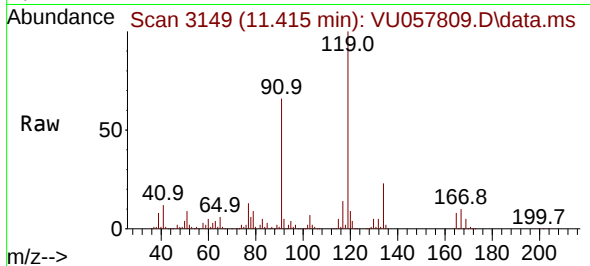
#77
tert-Butylbenzene
Concen: 11.465 ug/l
RT: 11.415 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:119 Resp: 505518
Ion Ratio Lower Upper
119 100
91 63.3 30.8 92.4
134 22.1 18.0 27.0

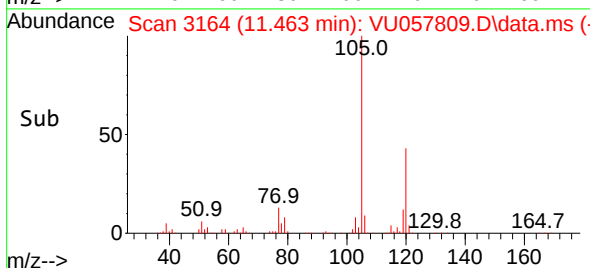
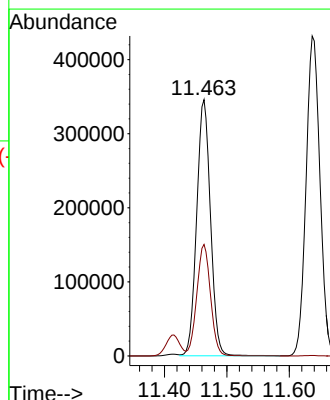
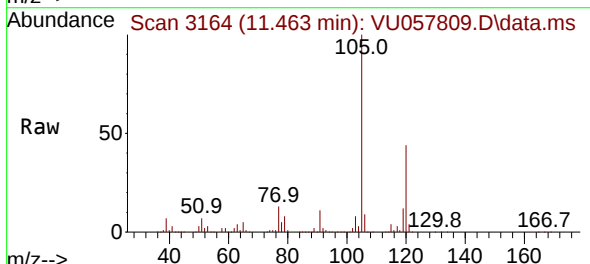
Manual Integrations
APPROVED

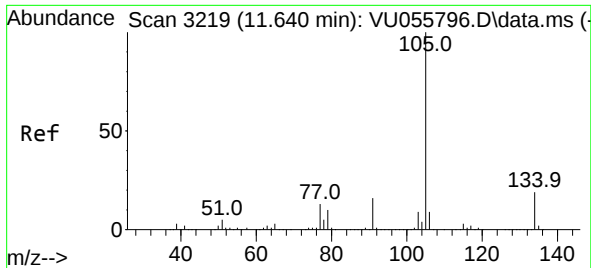
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#78
1,2,4-Trimethylbenzene
Concen: 11.140 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

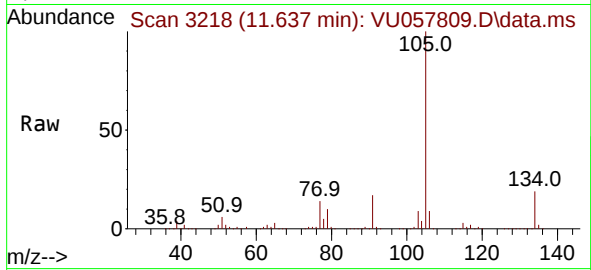
Tgt Ion:105 Resp: 529857
Ion Ratio Lower Upper
105 100
120 43.3 21.9 65.8





#79
 sec-Butylbenzene
 Concen: 11.773 ug/l
 RT: 11.637 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU057809.D
 Acq: 05 Feb 2024 16:43

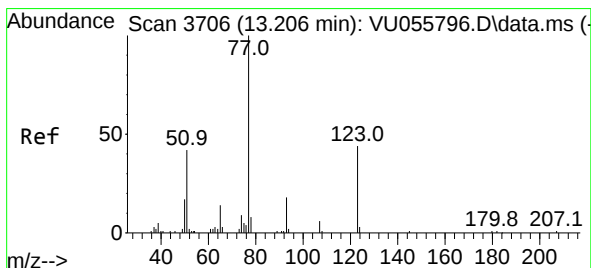
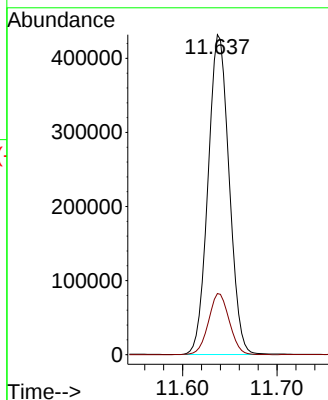
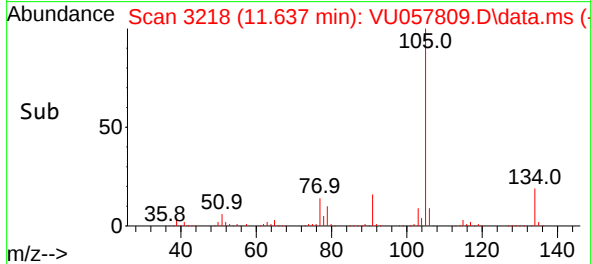
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010



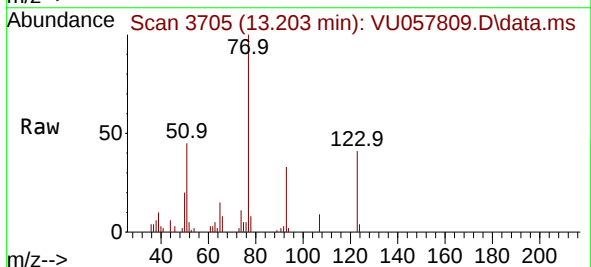
Tgt Ion:105 Resp: 66926
 Ion Ratio Lower Upper
 105 100
 134 18.9 14.9 22.3

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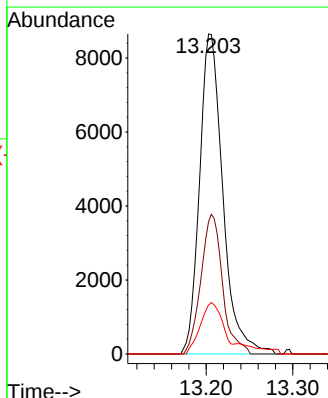
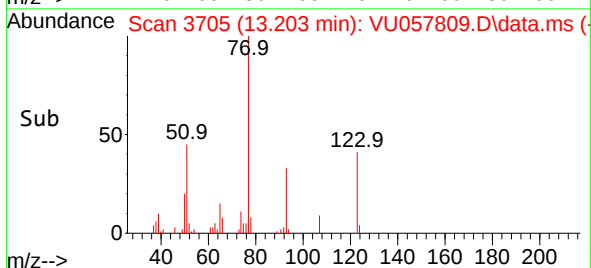
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024

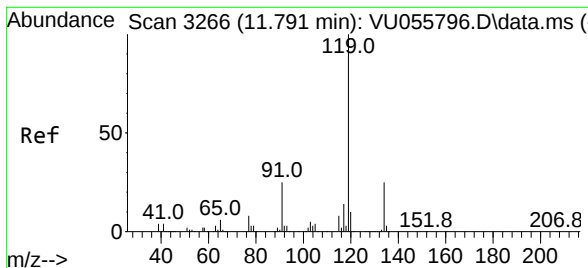


#80
 Nitrobenzene
 Concen: 78.396 ug/l
 RT: 13.203 min Scan# 3705
 Delta R.T. -0.003 min
 Lab File: VU057809.D
 Acq: 05 Feb 2024 16:43



Tgt Ion: 77 Resp: 16158
 Ion Ratio Lower Upper
 77 100
 123 40.4 19.7 69.7
 65 12.9 11.5 14.7





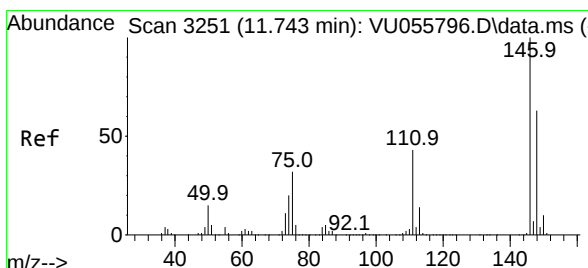
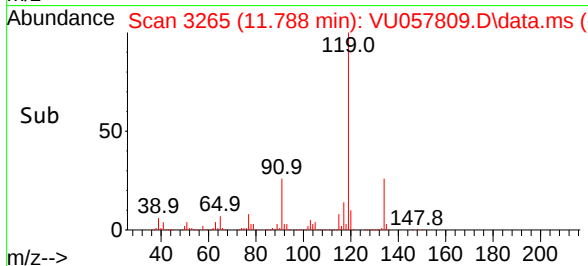
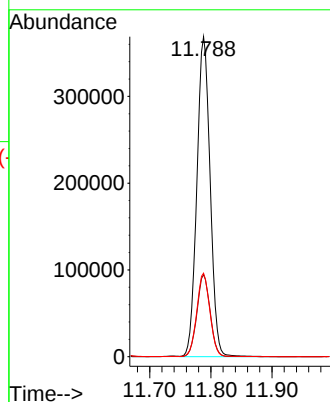
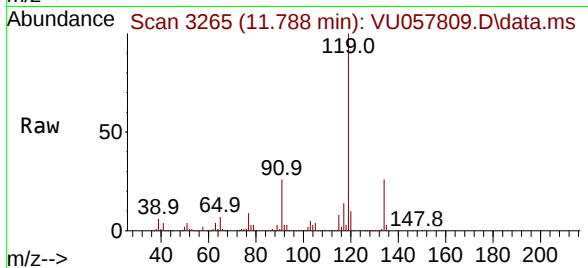
#81
p-Isopropyltoluene
Concen: 11.702 ug/l
RT: 11.788 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:119 Resp: 55591
Ion Ratio Lower Upper
119 100
134 25.3 20.2 30.4
91 25.6 19.3 28.9

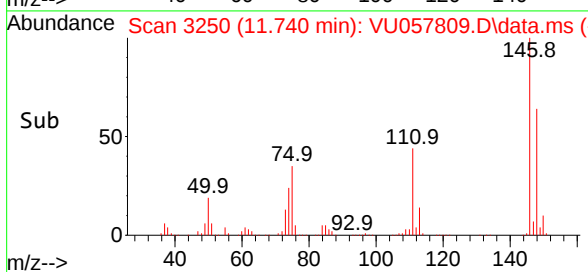
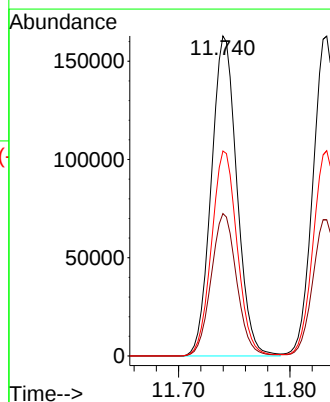
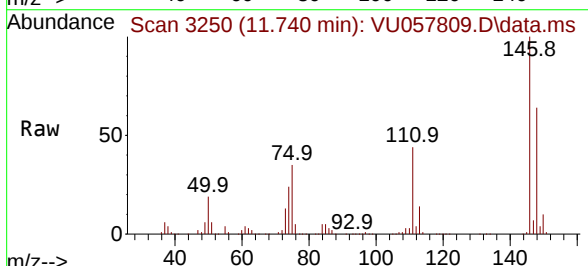
Manual Integrations
APPROVED

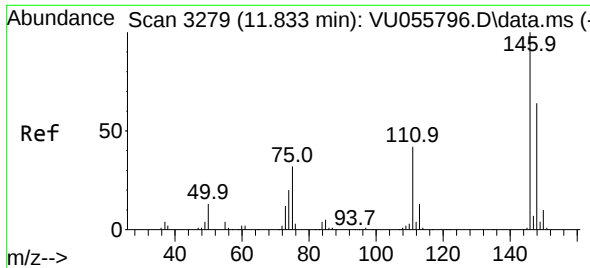
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#82
1,3-Dichlorobenzene
Concen: 10.762 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. -0.003 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

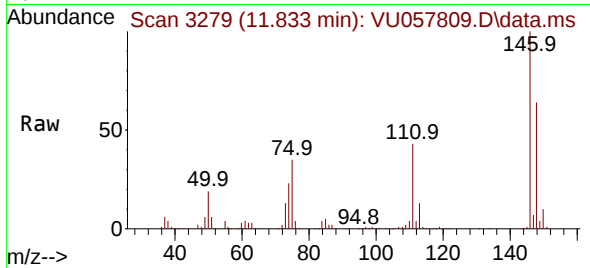
Tgt Ion:146 Resp: 259784
Ion Ratio Lower Upper
146 100
111 44.4 32.6 49.0
148 64.2 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 10.901 ug/l
RT: 11.833 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

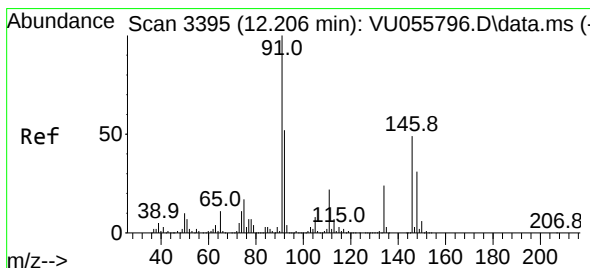
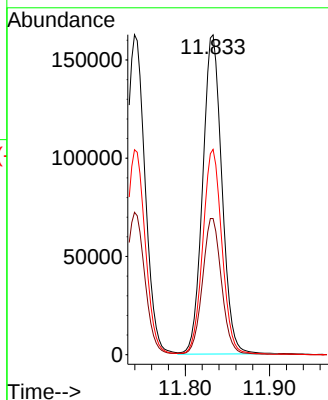
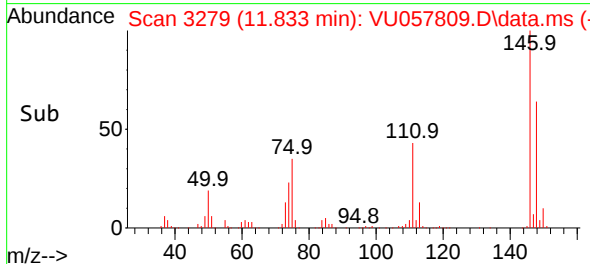
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



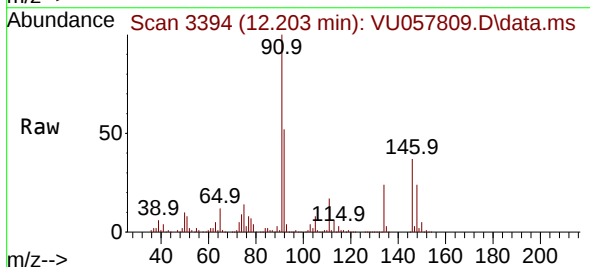
Tgt Ion:146 Resp: 257804
Ion Ratio Lower Upper
146 100
111 42.1 31.6 47.4
148 64.0 50.3 75.5

Manual Integrations
APPROVED

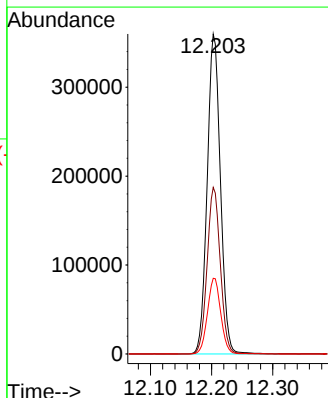
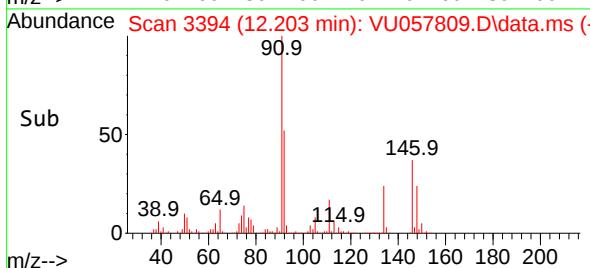
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

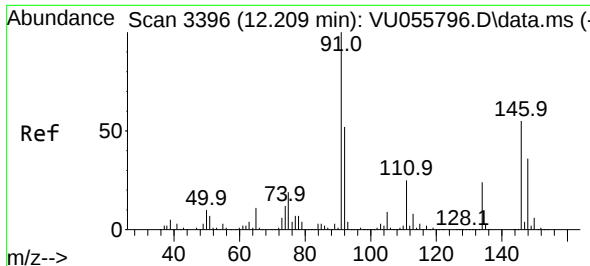


#84
n-Butylbenzene
Concen: 11.976 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. -0.003 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43



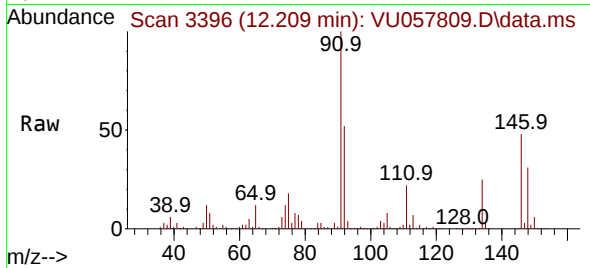
Tgt Ion: 91 Resp: 540409
Ion Ratio Lower Upper
91 100
92 51.9 40.8 61.2
134 23.8 18.4 27.6





#85
1,2-Dichlorobenzene
Concen: 10.924 ug/l
RT: 12.209 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

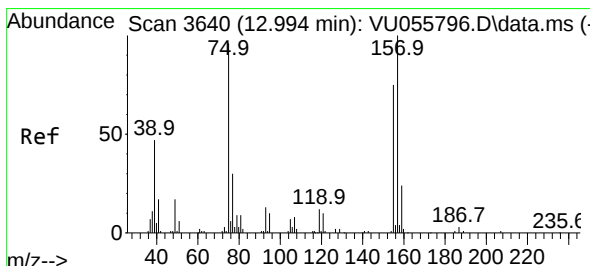
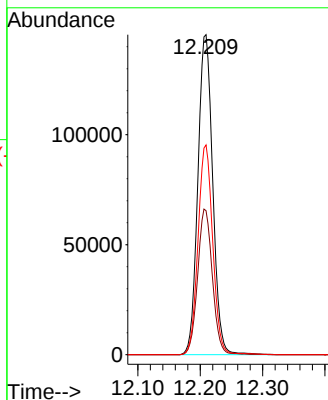
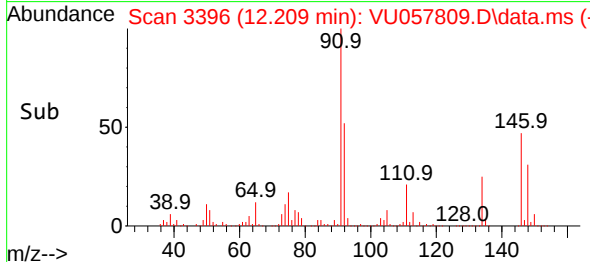
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



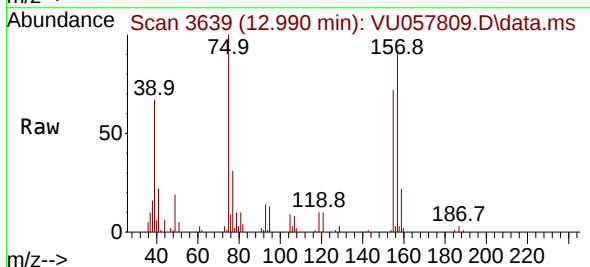
Tgt Ion:146 Resp: 240852
Ion Ratio Lower Upper
146 100
111 45.2 21.6 64.6
148 65.0 32.1 96.5

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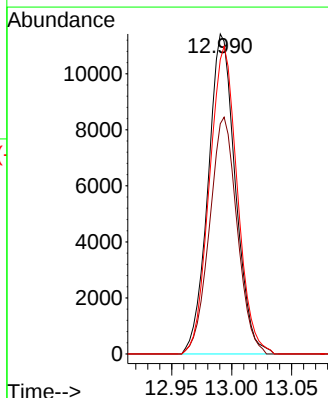
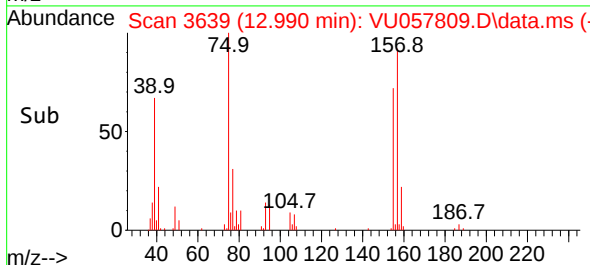
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

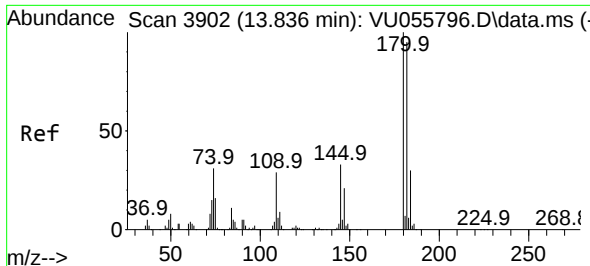


#86
1,2-Dibromo-3-Chloropropane
Concen: 13.079 ug/l
RT: 12.990 min Scan# 3639
Delta R.T. -0.003 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43



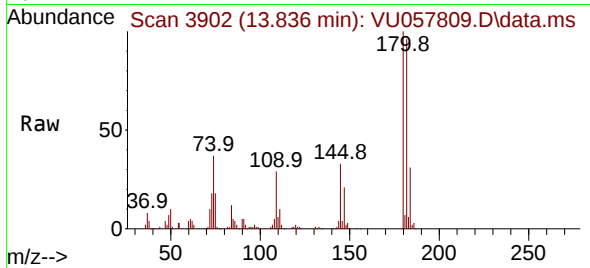
Tgt Ion: 75 Resp: 18084
Ion Ratio Lower Upper
75 100
155 74.7 61.8 92.8
157 98.1 80.2 120.4





#87
1,2,4-Trichlorobenzene
Concen: 11.920 ug/l
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

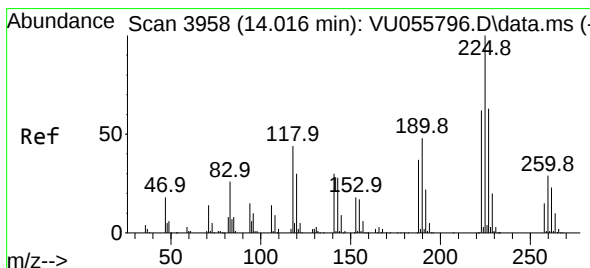
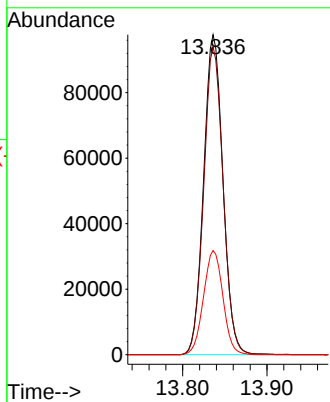
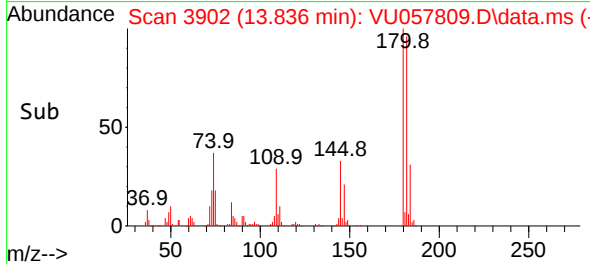
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion:180 Resp: 15613
Ion Ratio Lower Upper
180 100
182 96.4 75.8 113.6
145 32.7 23.9 35.9

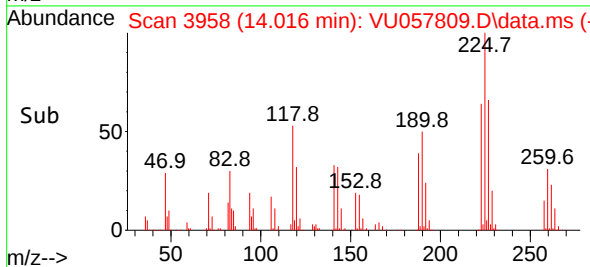
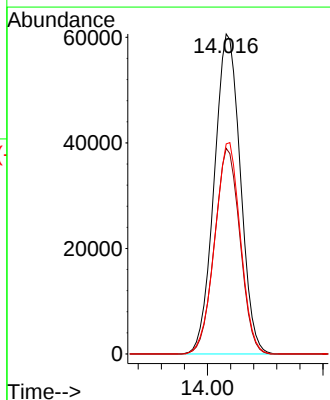
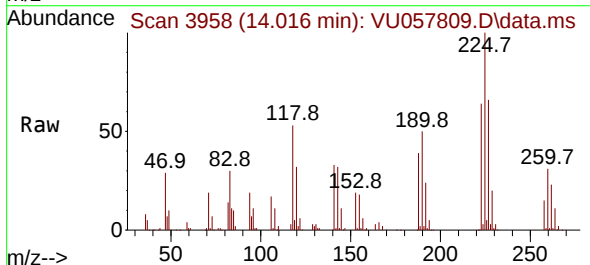
Manual Integrations
APPROVED

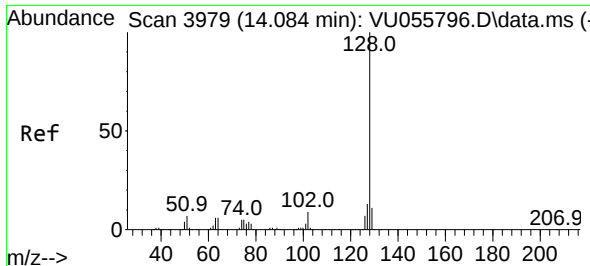
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#88
Hexachlorobutadiene
Concen: 11.300 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

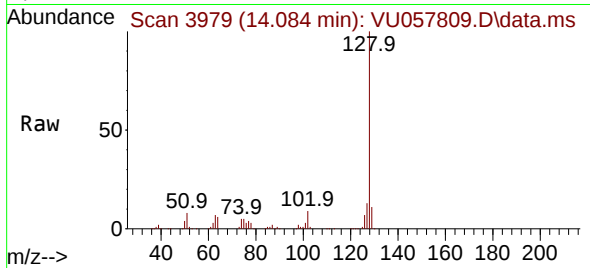
Tgt Ion:225 Resp: 95186
Ion Ratio Lower Upper
225 100
223 62.7 50.2 75.4
227 64.8 51.5 77.3





#89
Naphthalene
Concen: 13.180 ug/l
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43

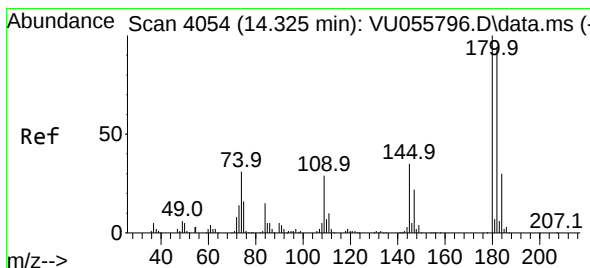
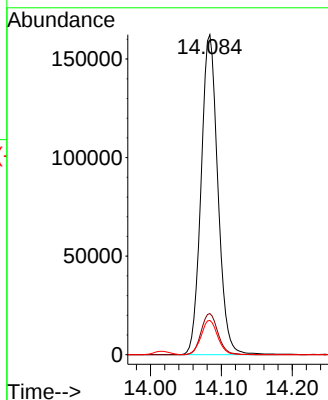
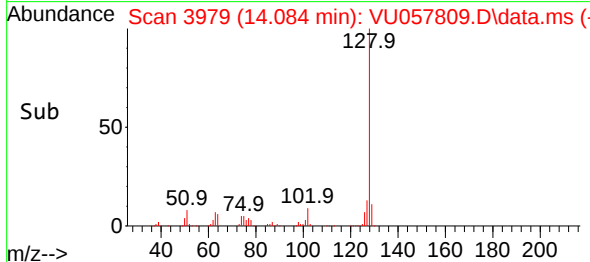
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



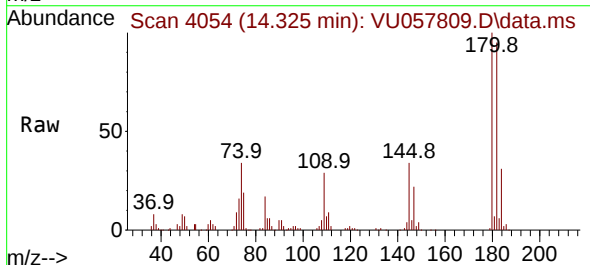
Tgt Ion:128 Resp: 266945
Ion Ratio Lower Upper
128 100
127 12.9 10.9 16.3
129 10.7 8.6 12.8

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 12.051 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU057809.D
Acq: 05 Feb 2024 16:43



Tgt Ion:180 Resp: 132668
Ion Ratio Lower Upper
180 100
182 94.3 75.7 113.5
145 34.2 26.1 39.1

