

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020524\
 Data File : VU057805.D
 Acq On : 05 Feb 2024 13:24
 Operator : MD/SY
 Sample : VSTDICC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

Quant Time: Feb 06 01:02:34 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Fluorobenzene	6.107	96	44490	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	16084	0.974	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	14296	0.966	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	75980	5.134	ug/l	100
3) Chloromethane	1.518	50	72036	5.046	ug/l	99
4) Vinyl Chloride	1.602	62	75698	5.217	ug/l	99
5) Bromomethane	1.853	94	42614	5.017	ug/l	99
6) Chloroethane	1.923	64	43688	4.784	ug/l	100
7) Trichlorofluoromethane	2.123	101	110126	5.179	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	56105	4.933	ug/l	97
9) 1,1-Dichloroethene	2.570	96	55063	5.024	ug/l	98
10) Iodomethane	2.711	142	87895	6.591	ug/l	93
11) Allyl Chloride	2.911	41	83801	5.529	ug/l	90
12) Acrylonitrile	3.309	53	24734	12.757	ug/l	96
13) Acetone	2.624	43	99851	29.606	ug/l	93
14) Carbon Disulfide	2.782	76	176119	5.008	ug/l	99
15) Methylene Chloride	3.033	84	66370	5.040	ug/l	98
16) trans-1,2-Dichloroethene	3.341	96	60834	5.085	ug/l	97
17) 1,1-Dichloroethane	3.856	63	123095	5.387	ug/l	99
18) 2-Butanone	4.708	43	114865	31.128	ug/l	96
19) Cyclohexane	5.373	56	95216	5.298	ug/l	94
20) Methylcyclohexane	6.753	83	110011	5.122	ug/l	96
21) 2,2-Dichloropropane	4.650	77	110727	5.496	ug/l	95
22) cis-1,2-Dichloroethene	4.656	96	65743	5.034	ug/l	91
23) Diethyl Ether	2.367	59	43197	5.390	ug/l	97
24) tert-Butyl Alcohol	3.203	59	26940	32.837	ug/l #	1
25) Methyl tert-Butyl Ether	3.358	73	143279	5.502	ug/l	92
26) Bromochloromethane	4.962	128	25407	4.843	ug/l	89
27) Chloroform	5.078	83	121486	5.155	ug/l	99
28) 1,1,1-Trichloroethane	5.303	97	109661	5.174	ug/l	99
29) 1,1-Dichloropropene	5.515	75	91359	5.304	ug/l	97
30) Carbon Tetrachloride	5.512	117	96186	5.252	ug/l	100
31) Isopropyl Ether	3.988	45	188409	5.581	ug/l	94
32) Ethyl-t-butyl ether	4.499	59	183144	5.843	ug/l	98
33) Tert-Amyl methyl ether	5.939	73	156645	5.928	ug/l	99
34) Propionitrile	4.779	54	23032	30.217	ug/l #	14
35) Benzene	5.763	78	258930	5.211	ug/l	100
36) 1,2-Dichloroethane	5.785	62	76970	5.305	ug/l	98
37) Trichloroethene	6.534	130	66835	5.091	ug/l	100
38) 1,2-Dichloropropane	6.785	63	69744	5.383	ug/l	99
39) Methacrylonitrile	4.972	41	20104	6.444	ug/l	95
40) Methyl acrylate	4.843	55	33726	7.230	ug/l #	97
41) Tetrahydrofuran	5.058	42	19623	11.964	ug/l	98
42) 1-Chlorobutane	5.447	56	119646	5.258	ug/l	94
43) Dibromomethane	6.914	93	32304	5.447	ug/l	96
44) Bromodichloromethane	7.100	83	86044	5.186	ug/l	97

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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

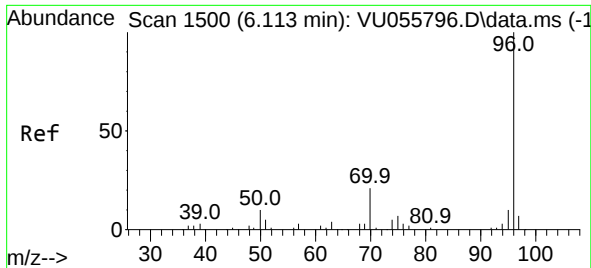
Manual Integrations
 APPROVED

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Quant Time: Feb 06 01:02:34 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)
45) 4-Methyl-2-Pentanone	7.791	43	177910	29.251	ug/l	98
46) t-1,4-Dichloro-2-butene	10.836	75	22050m	12.866	ug/l	
47) Methyl methacrylate	6.962	69	59642	11.309	ug/l	94
48) Ethyl methacrylate	8.332	69	58466	5.573	ug/l	96
49) Toluene	7.962	92	156278	5.153	ug/l	98
50) t-1,3-Dichloropropene	8.206	75	79012	5.486	ug/l	99
51) cis-1,3-Dichloropropene	7.602	75	96172	5.296	ug/l	93
52) 1,1,2-Trichloroethane	8.396	97	43893	5.353	ug/l	99
53) 1,3-Dichloropropane	8.570	76	79381	5.370	ug/l	100
54) 2-Hexanone	8.685	43	165169	28.707	ug/l	97
55) Dibromochloromethane	8.804	129	51607	5.112	ug/l	99
56) 1,2-Dibromoethane	8.920	107	41970	5.576	ug/l	99
58) Tetrachloroethene	8.547	164	57553	4.971	ug/l	96
59) Chlorobenzene	9.441	112	172637	5.177	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.528	131	60251	5.304	ug/l	99
61) Pentachloroethane	11.422	117	43384	5.314	ug/l	89
62) Hexachloroethane	12.470	117	51854	5.749	ug/l	94
63) Ethyl Benzene	9.563	91	311731	5.251	ug/l	99
64) m/p-Xylenes	9.688	106	228276	10.598	ug/l	98
65) o-Xylene	10.094	106	113819	5.340	ug/l	97
66) Styrene	10.110	104	178561	5.604	ug/l	96
67) Bromoform	10.286	173	26863	5.229	ug/l	99
69) Isopropylbenzene	10.479	105	301703	5.404	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.778	83	52580	5.182	ug/l	97
71) 1,2,3-Trichloropropane	10.820	75	44976m	5.408	ug/l	
72) Bromobenzene	10.778	156	63407	5.196	ug/l	97
73) n-propylbenzene	10.901	120	78582	5.576	ug/l	99
74) 2-Chlorotoluene	10.981	126	68450	5.285	ug/l	97
75) 1,3,5-Trimethylbenzene	11.084	105	253390	5.273	ug/l	99
76) 4-Chlorotoluene	11.094	126	67987	5.208	ug/l	92
77) tert-Butylbenzene	11.415	119	244699	5.418	ug/l	98
78) 1,2,4-Trimethylbenzene	11.463	105	255815	5.251	ug/l	99
79) sec-Butylbenzene	11.637	105	318400	5.468	ug/l	99
80) Nitrobenzene	13.206	77	7432	35.205	ug/l #	90
81) p-Isopropyltoluene	11.788	119	264418	5.434	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	126896	5.132	ug/l	98
83) 1,4-Dichlorobenzene	11.833	146	126376	5.217	ug/l	97
84) n-Butylbenzene	12.203	91	249244	5.393	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	117870	5.219	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.994	75	8847	6.247	ug/l	94
87) 1,2,4-Trichlorobenzene	13.836	180	71917	5.360	ug/l	98
88) Hexachlorobutadiene	14.016	225	43373	5.027	ug/l	98
89) Naphthalene	14.084	128	122292	5.895	ug/l	98
90) 1,2,3-Trichlorobenzene	14.325	180	59457	5.273	ug/l	96

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 14
Delta R.T. 0.004 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

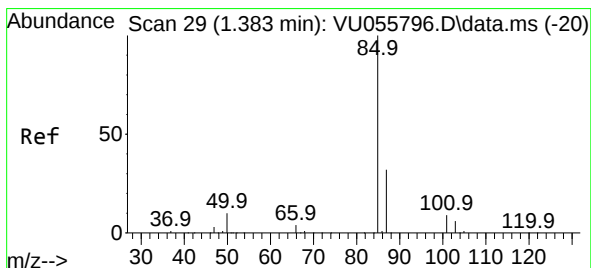
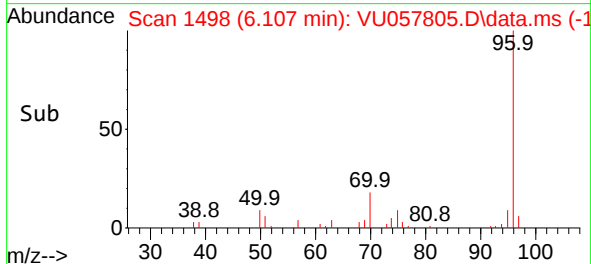
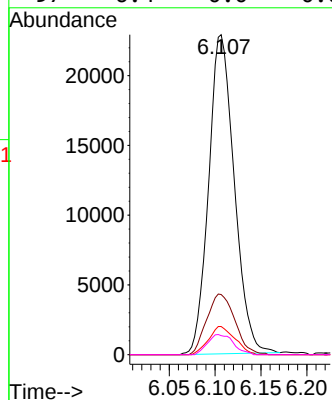
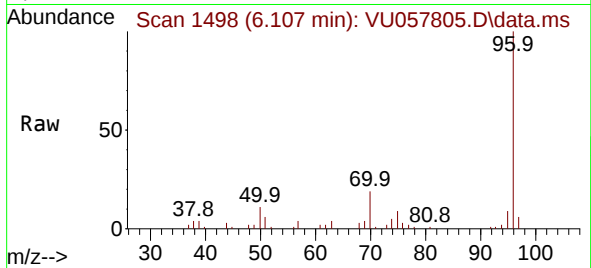
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 44490

Ion	Ratio	Lower	Upper
96	100		
70	20.9	16.5	24.7
95	9.0	7.4	11.0
97	6.4	0.0	0.0

Manual Integrations
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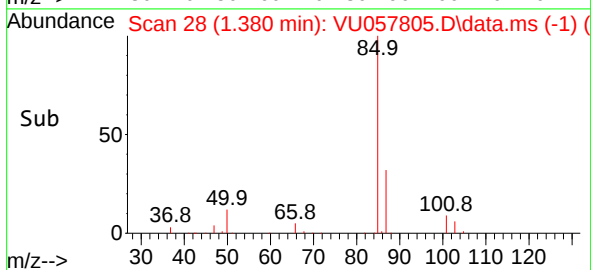
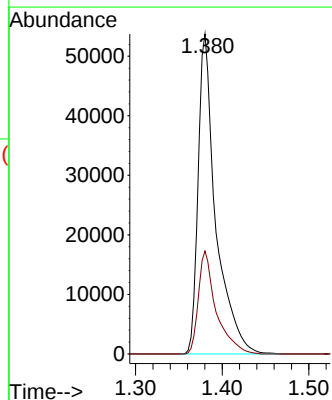
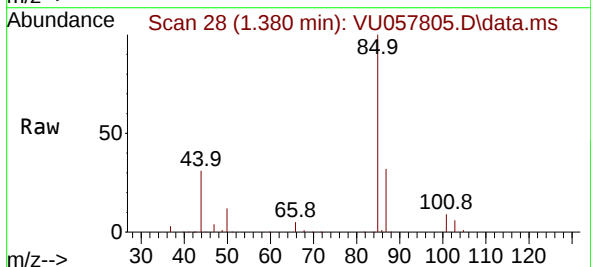
Reviewed By :John Carlone 02/14/2024
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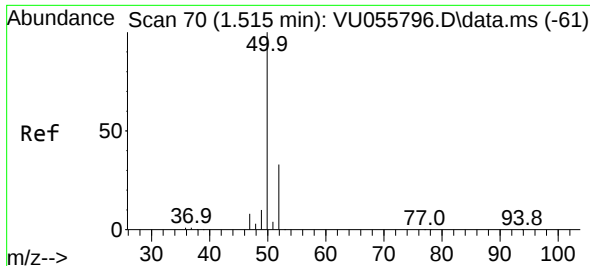


#2
Dichlorodifluoromethane
Concen: 5.134 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

Tgt Ion: 85 Resp: 75980

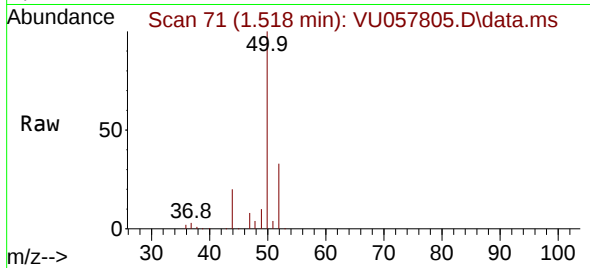
Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.2	48.6





#3
Chloromethane
Concen: 5.046 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

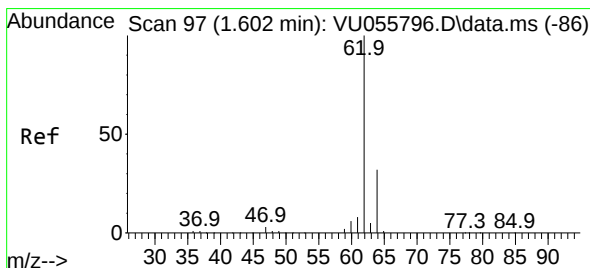
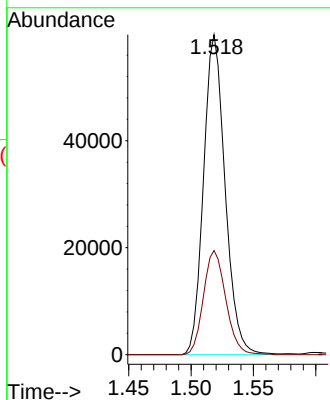
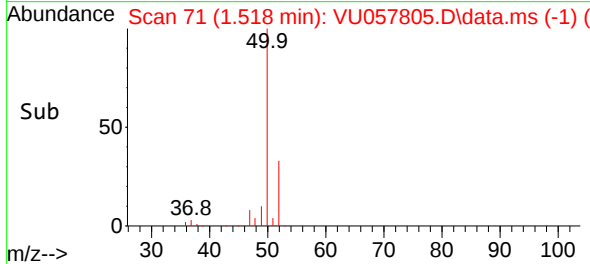
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



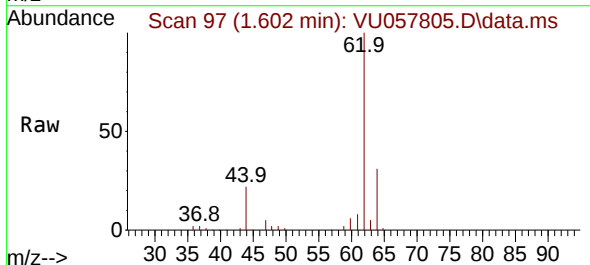
Tgt Ion: 50 Resp: 72030
Ion Ratio Lower Upper
50 100
52 32.5 26.6 40.0

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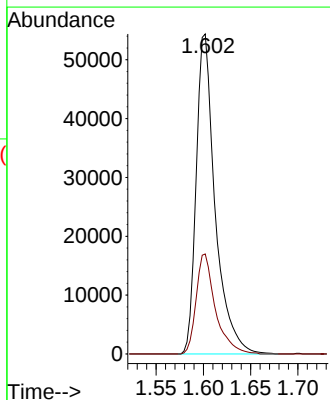
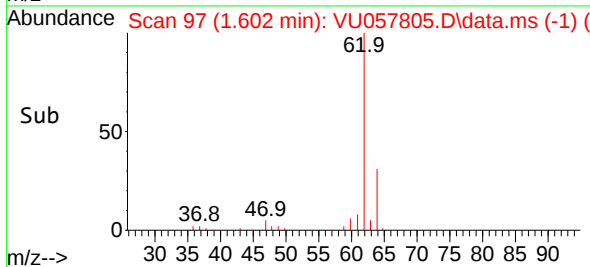
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

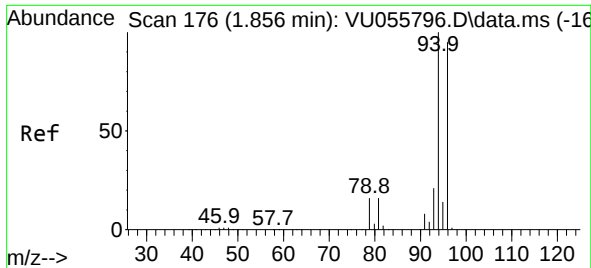


#4
Vinyl Chloride
Concen: 5.217 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24



Tgt Ion: 62 Resp: 75698
Ion Ratio Lower Upper
62 100
64 31.3 25.4 38.2





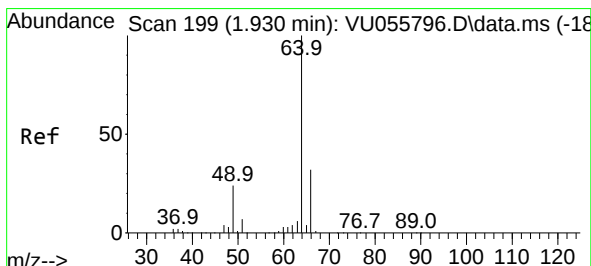
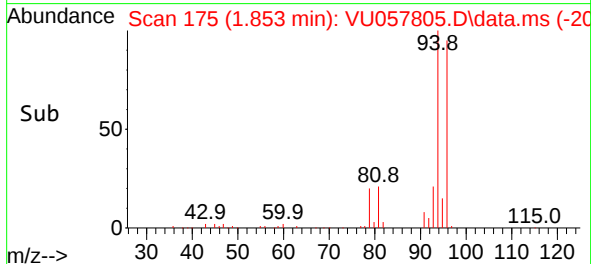
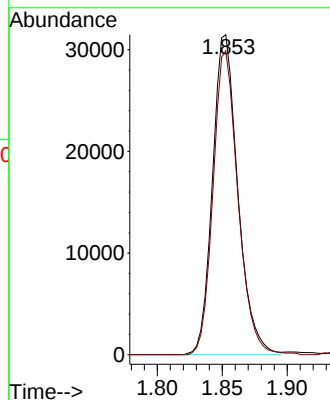
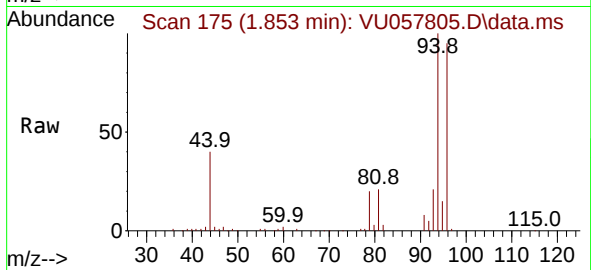
#5
Bromomethane
Concen: 5.017 ug/l
RT: 1.853 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 94 Resp: 42614
Ion Ratio Lower Upper
94 100
96 94.9 75.4 113.2

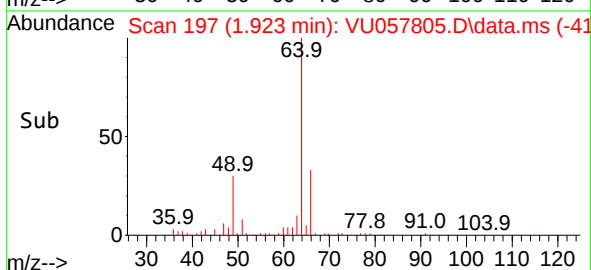
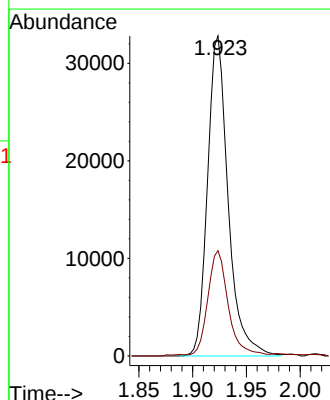
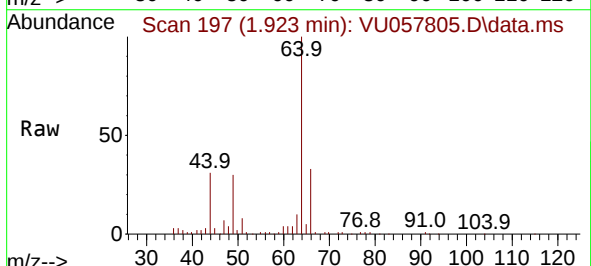
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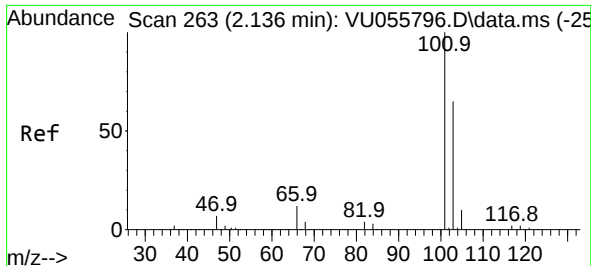
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#6
Chloroethane
Concen: 4.784 ug/l
RT: 1.923 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

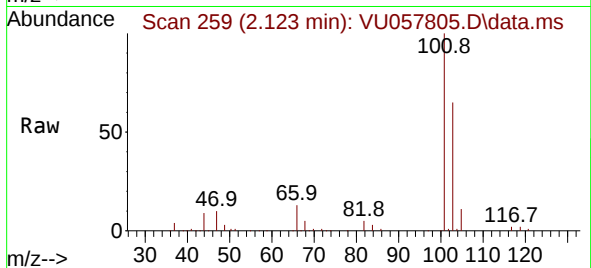
Tgt Ion: 64 Resp: 43688
Ion Ratio Lower Upper
64 100
66 32.4 26.0 39.0





#7
Trichlorofluoromethane
Concen: 5.179 ug/l
RT: 2.123 min Scan# 210
Delta R.T. 0.007 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

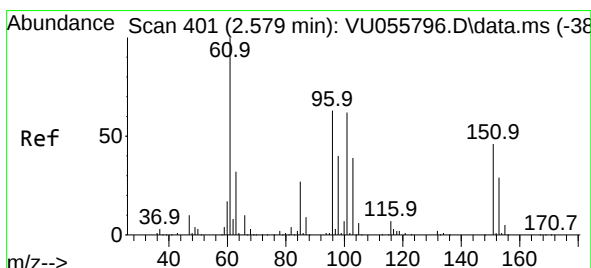
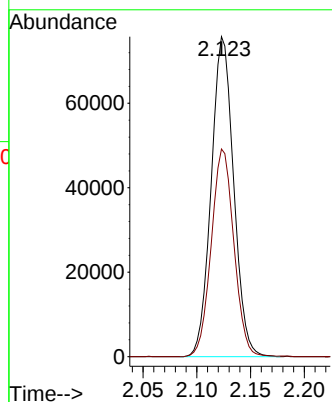
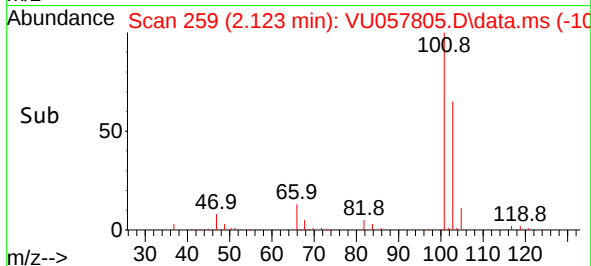
Instrument :
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ClientSampleId :
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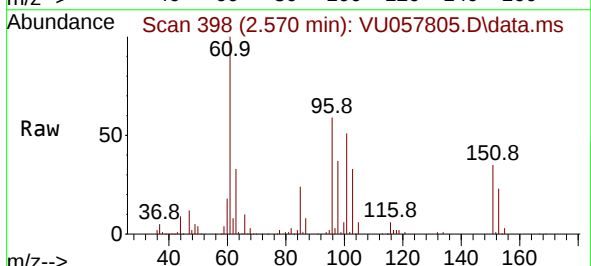
Tgt Ion:101 Resp: 110120
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.0

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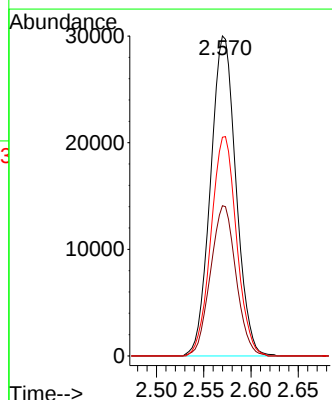
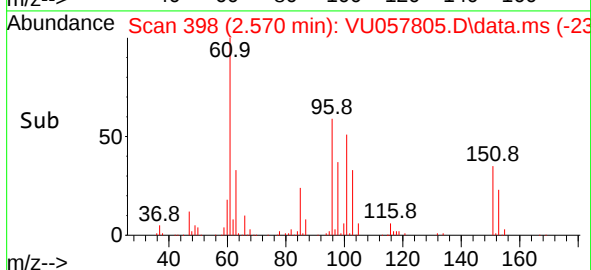
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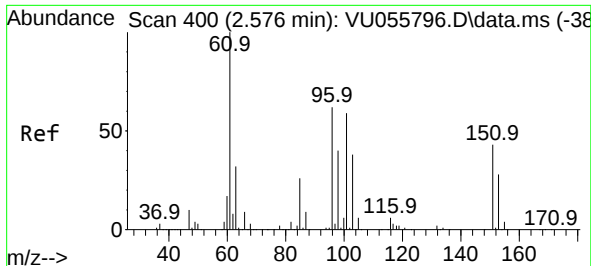


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.933 ug/l
RT: 2.570 min Scan# 398
Delta R.T. 0.010 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24



Tgt Ion:101 Resp: 56105
Ion Ratio Lower Upper
101 100
85 47.1 35.4 53.0
151 68.9 54.0 81.0





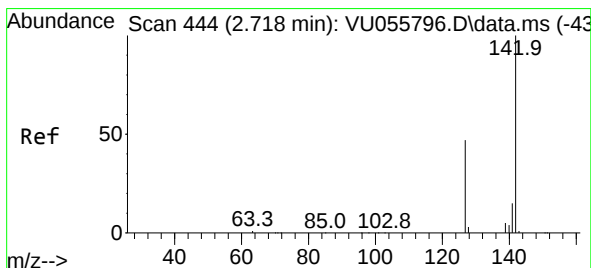
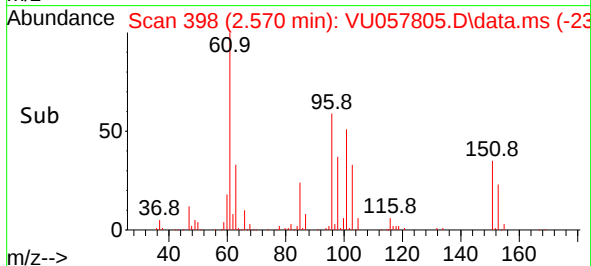
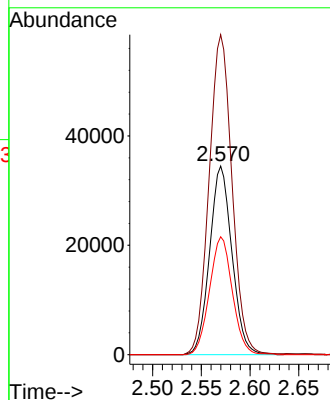
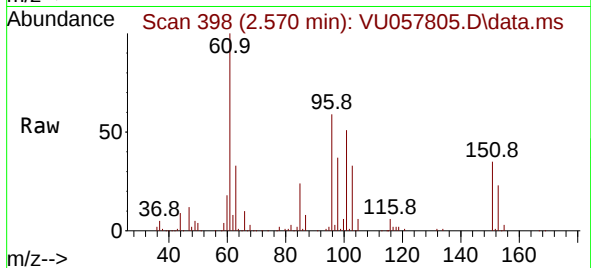
#9
1,1-Dichloroethene
Concen: 5.024 ug/l
RT: 2.570 min Scan# 398
Delta R.T. 0.010 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 5506
Ion Ratio Lower Upper
96 100
61 169.6 0.0 521.4
98 62.5 0.0 125.8

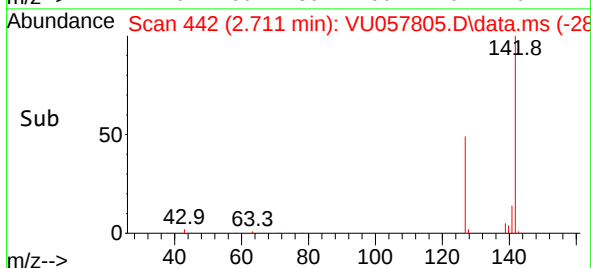
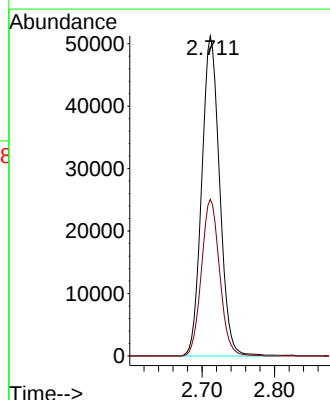
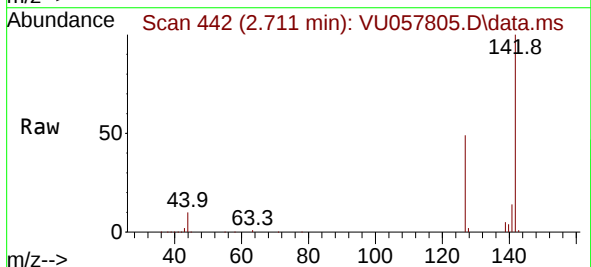
Manual Integrations
APPROVED

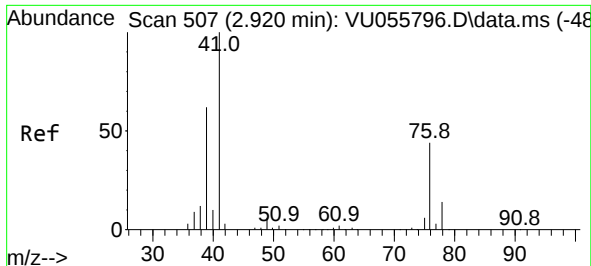
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#10
Iodomethane
Concen: 6.591 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.010 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

Tgt Ion:142 Resp: 87895
Ion Ratio Lower Upper
142 100
127 49.7 35.9 53.9





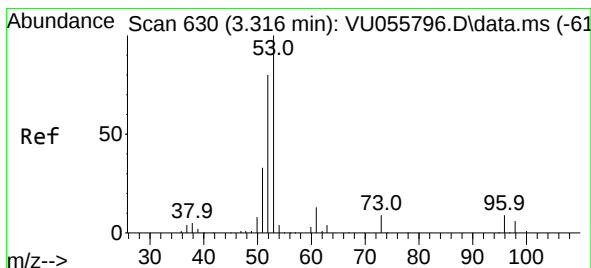
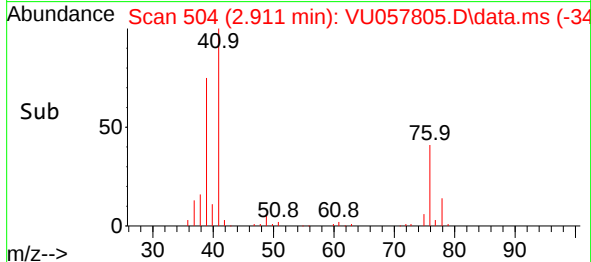
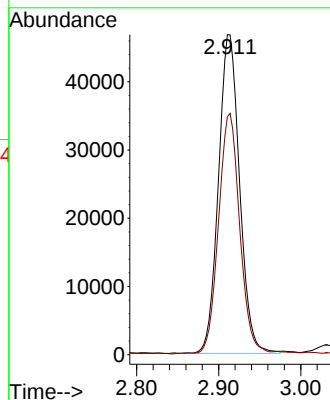
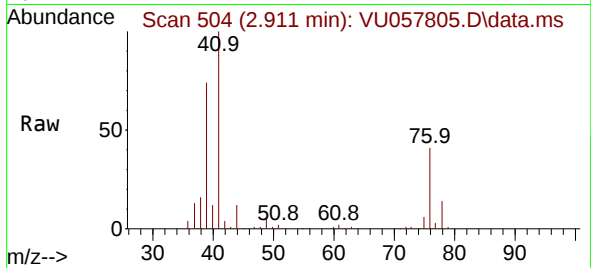
#11
 Allyl Chloride
 Concen: 5.529 ug/l
 RT: 2.911 min Scan# 507
 Delta R.T. 0.007 min
 Lab File: VU057805.D
 Acq: 05 Feb 2024 13:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion: 41 Resp: 8380
 Ion Ratio Lower Upper
 41 100
 39 75.6 54.2 81.2

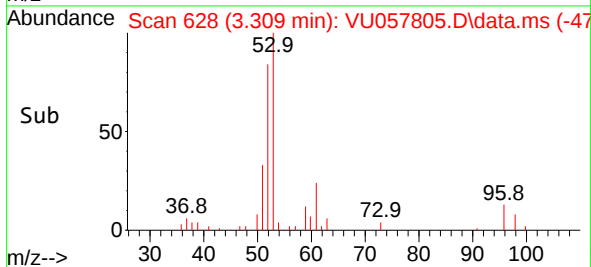
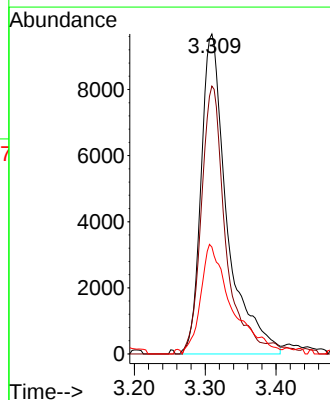
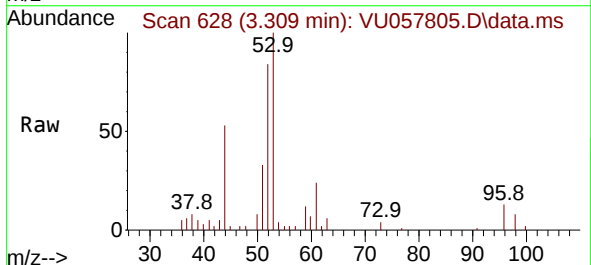
Manual Integrations
 APPROVED

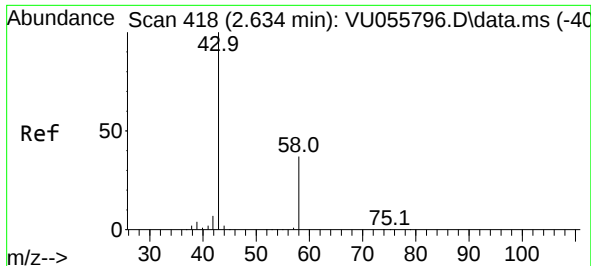
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024



#12
 Acrylonitrile
 Concen: 12.757 ug/l
 RT: 3.309 min Scan# 628
 Delta R.T. 0.000 min
 Lab File: VU057805.D
 Acq: 05 Feb 2024 13:24

Tgt Ion: 53 Resp: 24734
 Ion Ratio Lower Upper
 53 100
 52 77.5 62.9 94.3
 51 40.8 27.8 41.6





#13

Acetone

Concen: 29.606 ug/l

RT: 2.624 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU057805.D

Acq: 05 Feb 2024 13:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 9985

Ion Ratio Lower Upper

43 100

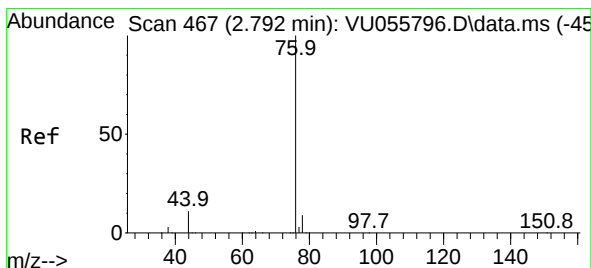
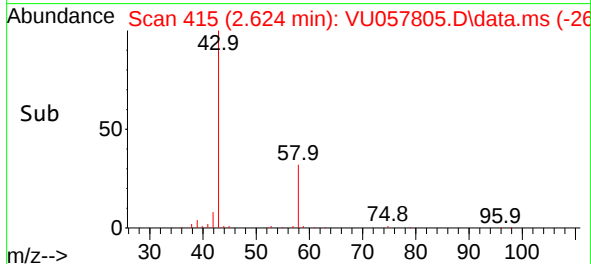
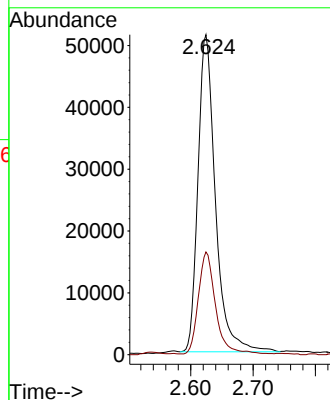
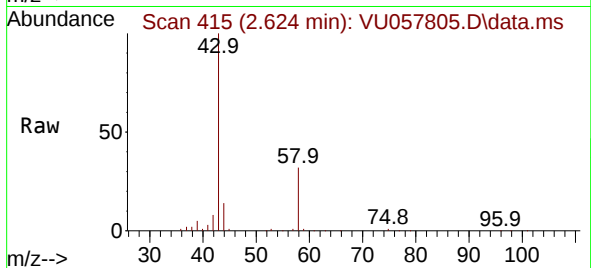
58 32.1 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#14

Carbon Disulfide

Concen: 5.008 ug/l

RT: 2.782 min Scan# 464

Delta R.T. 0.010 min

Lab File: VU057805.D

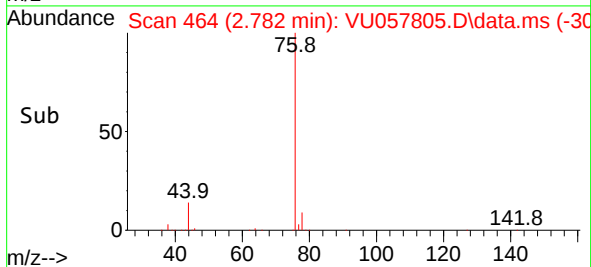
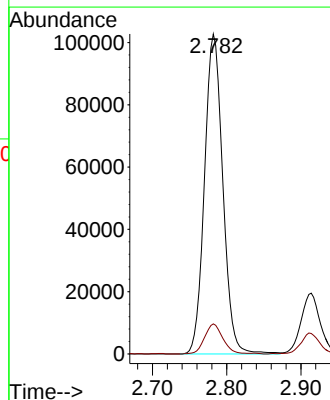
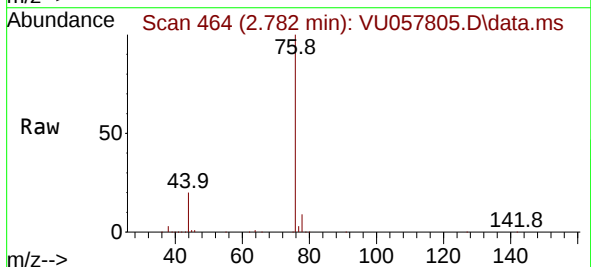
Acq: 05 Feb 2024 13:24

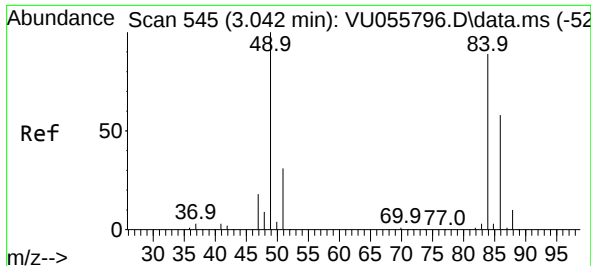
Tgt Ion: 76 Resp: 176119

Ion Ratio Lower Upper

76 100

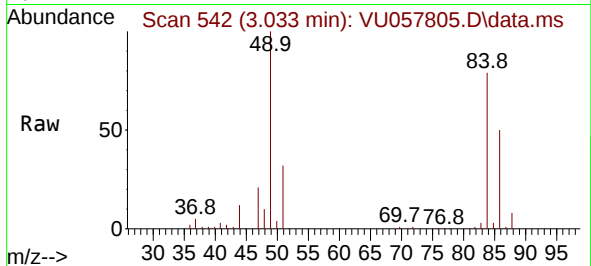
78 9.4 7.4 11.0





#15
Methylene Chloride
Concen: 5.040 ug/l
RT: 3.033 min Scan# 545
Delta R.T. 0.007 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

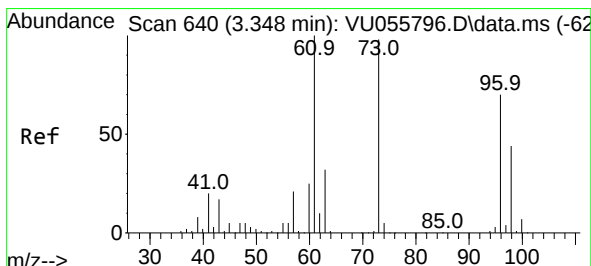
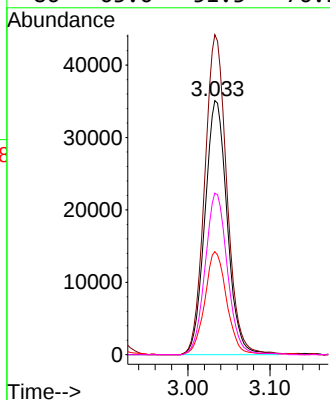
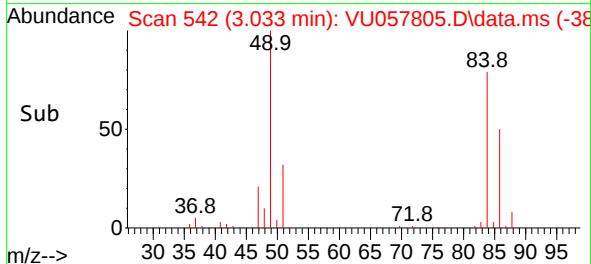
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 84 Resp: 66370
Ion Ratio Lower Upper
84 100
49 125.9 98.9 148.3
51 40.6 0.0 75.4
86 63.6 51.3 76.9

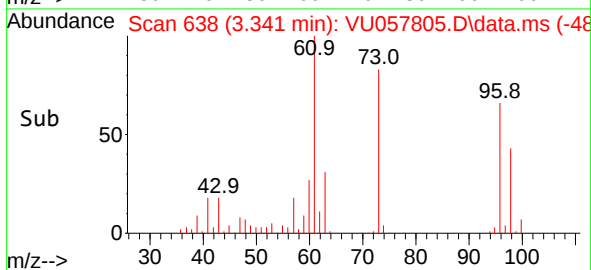
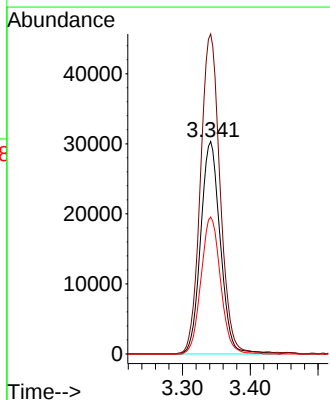
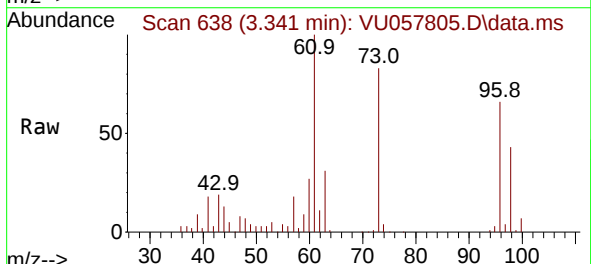
Manual Integrations
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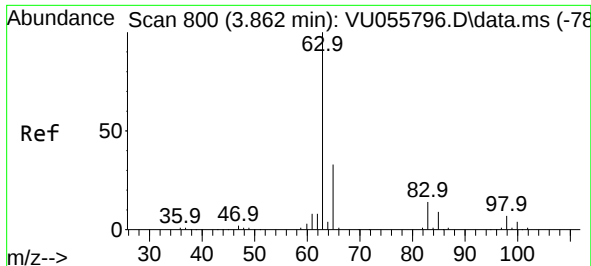
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#16
trans-1,2-Dichloroethene
Concen: 5.085 ug/l
RT: 3.341 min Scan# 638
Delta R.T. 0.007 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

Tgt Ion: 96 Resp: 60834
Ion Ratio Lower Upper
96 100
61 150.2 117.5 176.3
98 64.5 48.3 72.5





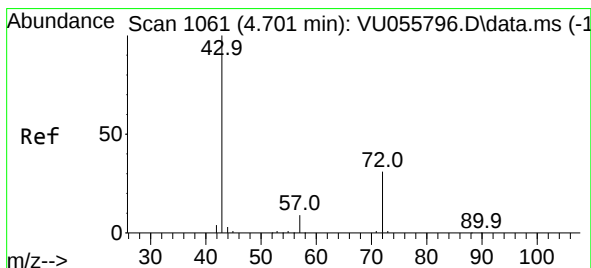
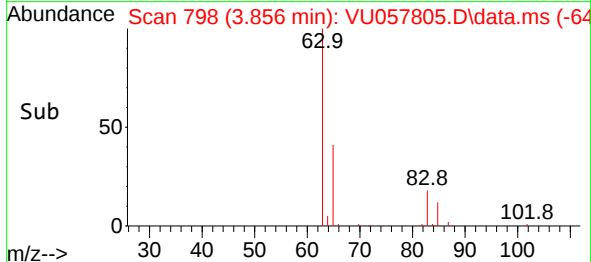
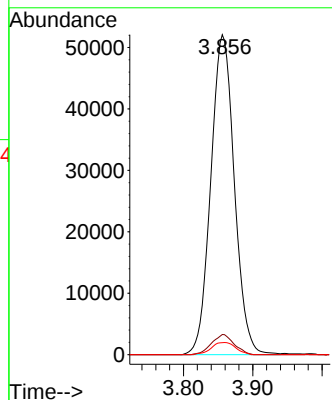
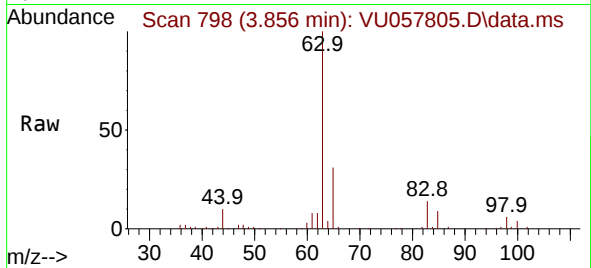
#17
1,1-Dichloroethane
Concen: 5.387 ug/l
RT: 3.856 min Scan# 798
Delta R.T. 0.007 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 123095
Ion Ratio Lower Upper
63 100
98 6.3 3.4 10.1
100 3.8 2.2 6.6

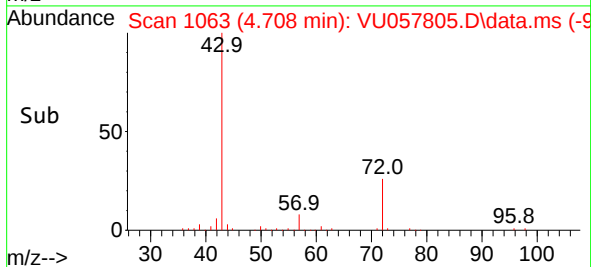
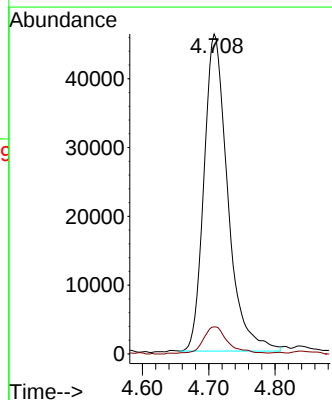
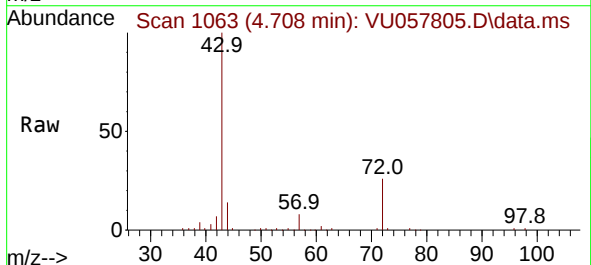
Manual Integrations
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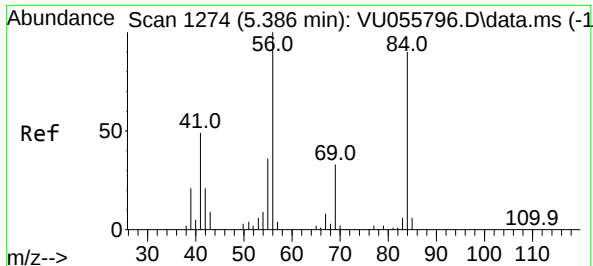
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#18
2-Butanone
Concen: 31.128 ug/l
RT: 4.708 min Scan# 1063
Delta R.T. -0.003 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

Tgt Ion: 43 Resp: 114865
Ion Ratio Lower Upper
43 100
57 8.2 0.0 19.6





#19

Cyclohexane

Concen: 5.298 ug/l

RT: 5.373 min Scan# 1699

Delta R.T. 0.007 min

Lab File: VU057805.D

Acq: 05 Feb 2024 13:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 56 Resp: 95210

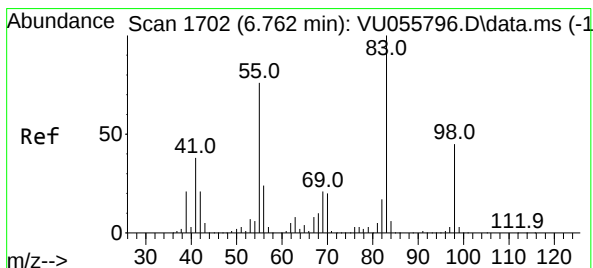
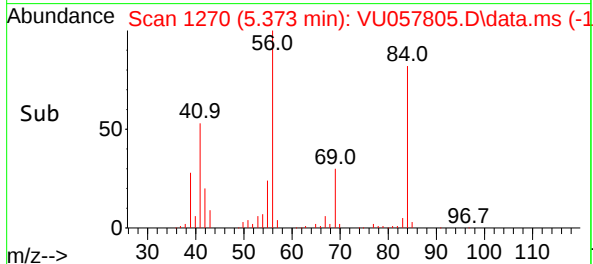
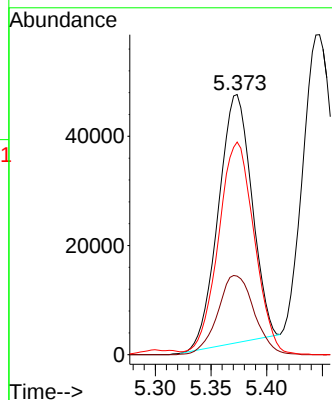
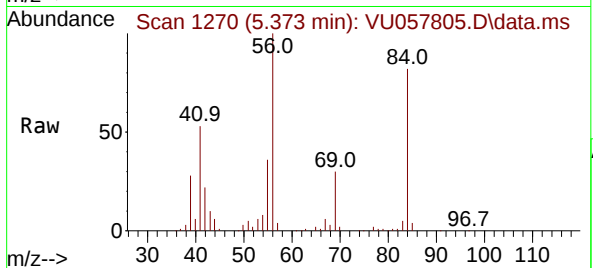
Ion	Ratio	Lower	Upper
56	100		
69	34.7	24.6	37.0
84	90.2	68.4	102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#20

Methylcyclohexane

Concen: 5.122 ug/l

RT: 6.753 min Scan# 1699

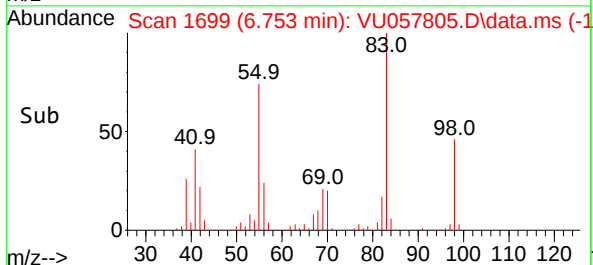
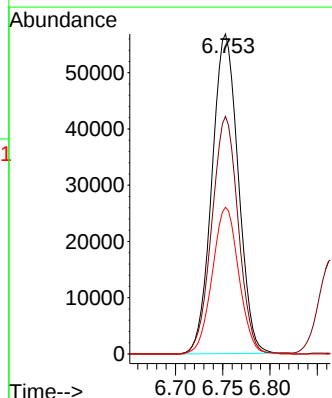
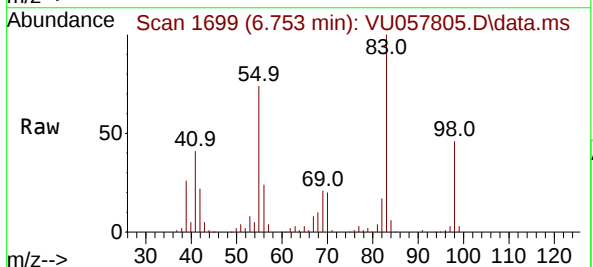
Delta R.T. 0.003 min

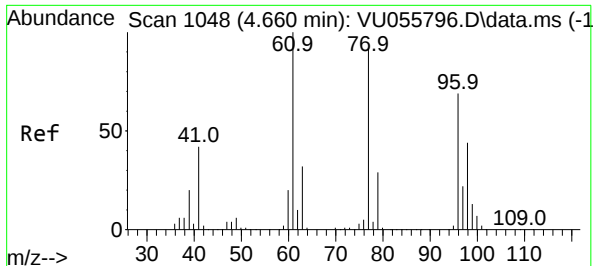
Lab File: VU057805.D

Acq: 05 Feb 2024 13:24

Tgt Ion: 83 Resp: 110011

Ion	Ratio	Lower	Upper
83	100		
55	74.2	63.5	95.3
98	46.3	36.0	54.0





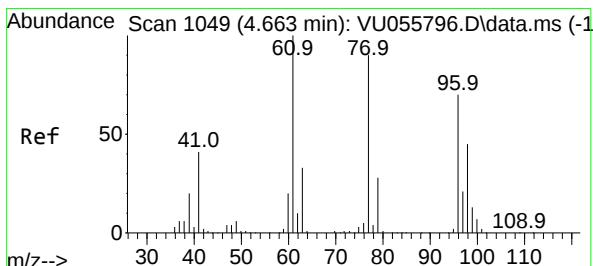
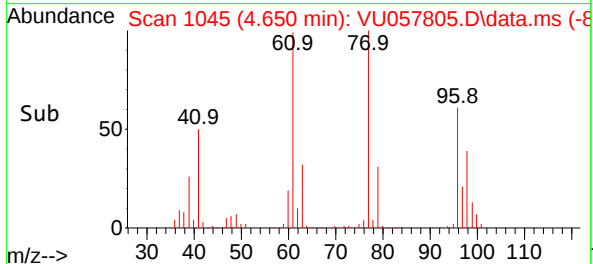
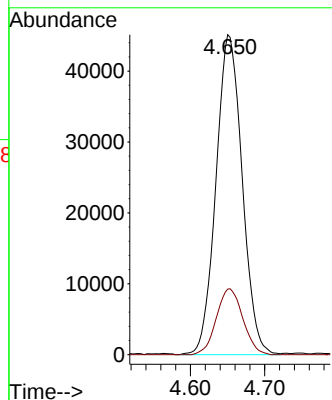
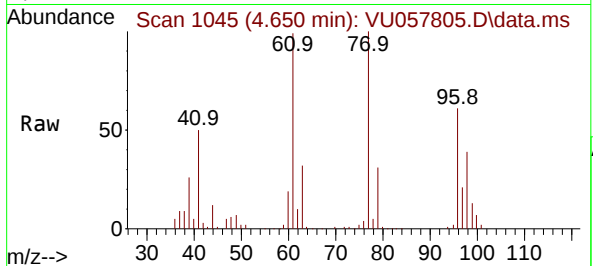
#21
2,2-Dichloropropane
Concen: 5.496 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 77 Resp: 11072
Ion Ratio Lower Upper
77 100
97 20.7 18.4 27.6

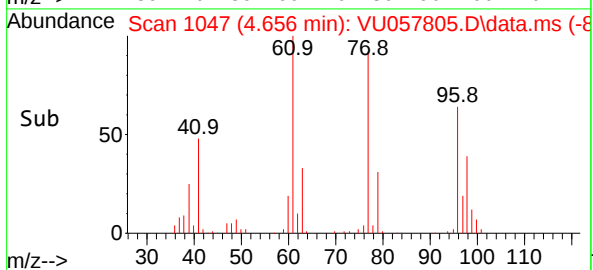
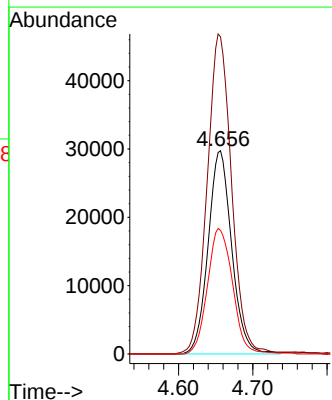
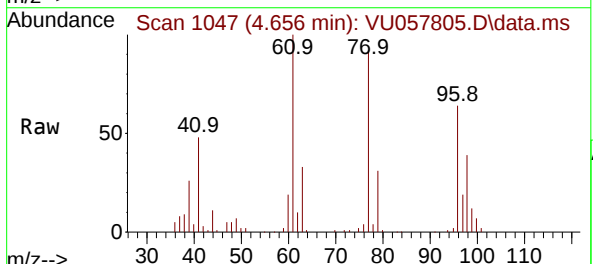
Manual Integrations
APPROVED

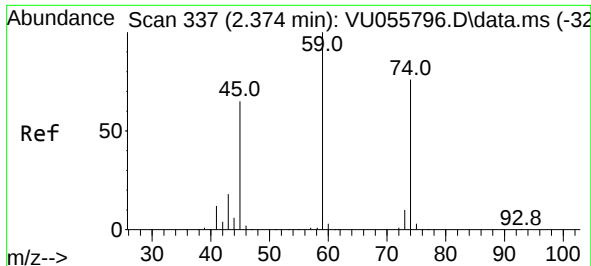
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#22
cis-1,2-Dichloroethene
Concen: 5.034 ug/l
RT: 4.656 min Scan# 1047
Delta R.T. 0.007 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

Tgt Ion: 96 Resp: 65743
Ion Ratio Lower Upper
96 100
61 162.3 0.0 365.8
98 65.4 32.0 96.0





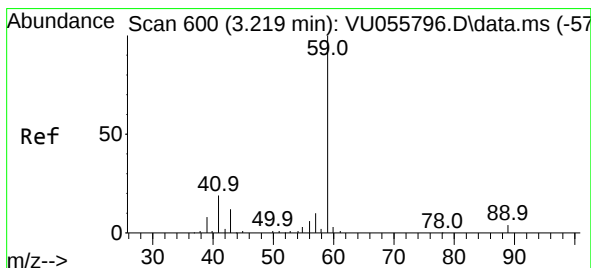
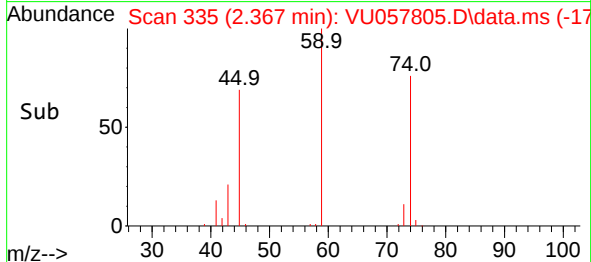
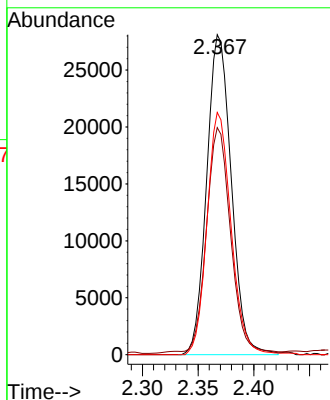
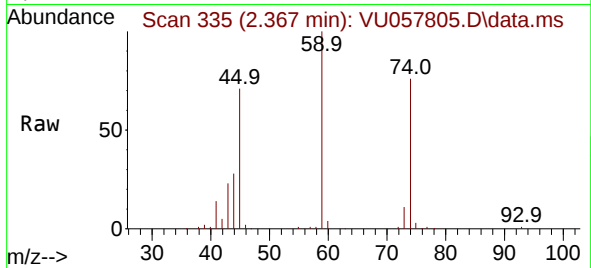
#23
Diethyl Ether
Concen: 5.390 ug/l
RT: 2.367 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 4319
Ion Ratio Lower Upper
59 100
45 67.6 56.1 84.1
74 74.0 57.4 86.2

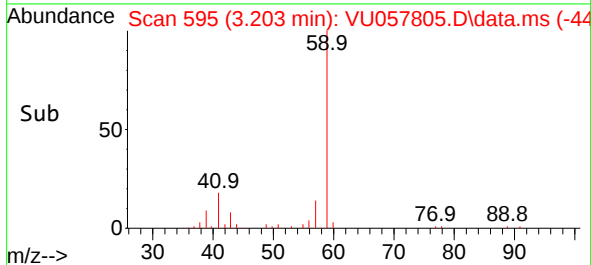
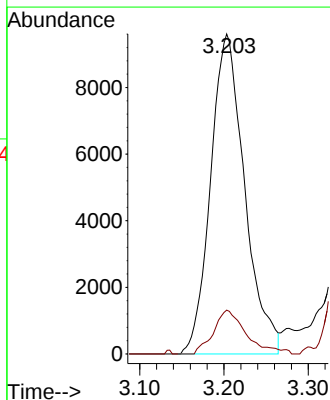
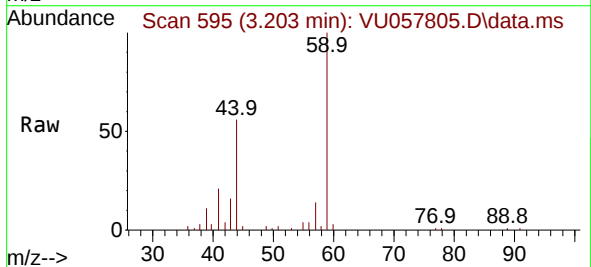
Manual Integrations
APPROVED

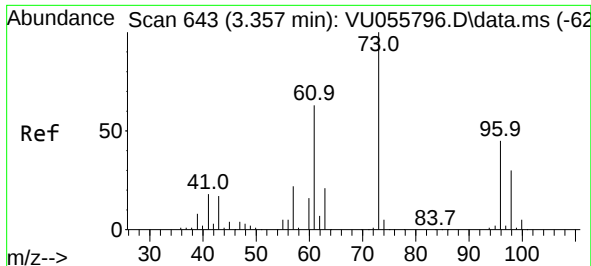
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#24
tert-Butyl Alcohol
Concen: 32.837 ug/l
RT: 3.203 min Scan# 595
Delta R.T. -0.029 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

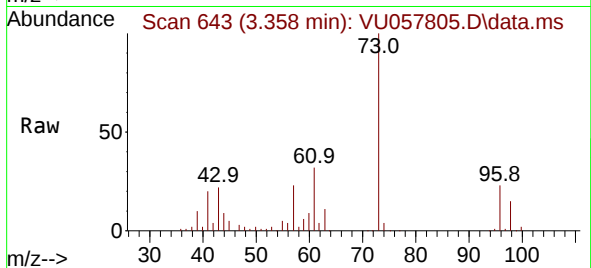
Tgt Ion: 59 Resp: 26940
Ion Ratio Lower Upper
59 100
57 13.2 105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 5.502 ug/l
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

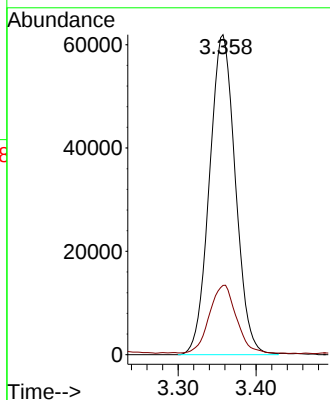
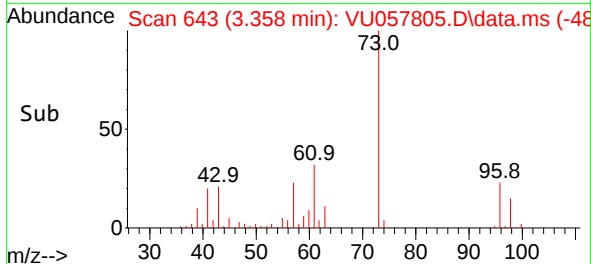
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 73 Resp: 143279
Ion Ratio Lower Upper
73 100
43 22.2 15.0 22.6

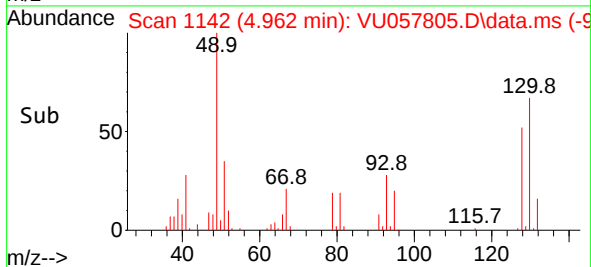
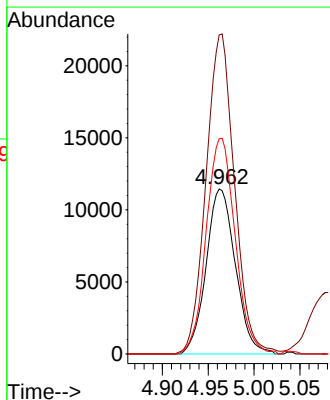
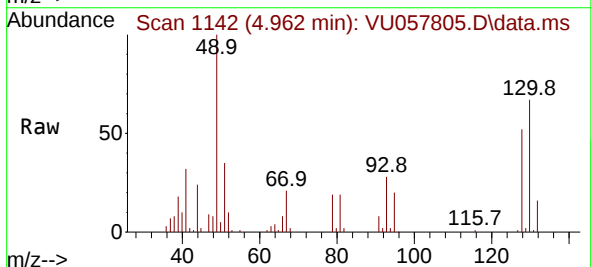
Manual Integrations
APPROVED

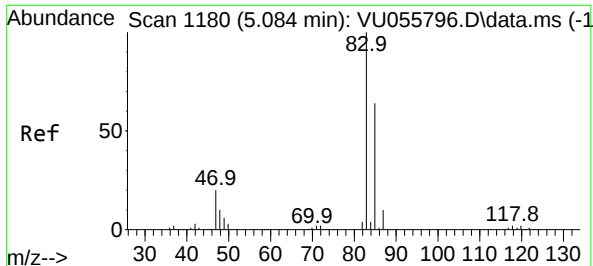
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#26
Bromochloromethane
Concen: 4.843 ug/l
RT: 4.962 min Scan# 1142
Delta R.T. 0.003 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

Tgt Ion:128 Resp: 25407
Ion Ratio Lower Upper
128 100
49 188.8 0.0 324.6
130 129.7 103.0 154.4





#27

Chloroform

Concen: 5.155 ug/l

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU057805.D

Acq: 05 Feb 2024 13:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 12148

Ion Ratio Lower Upper

83 100

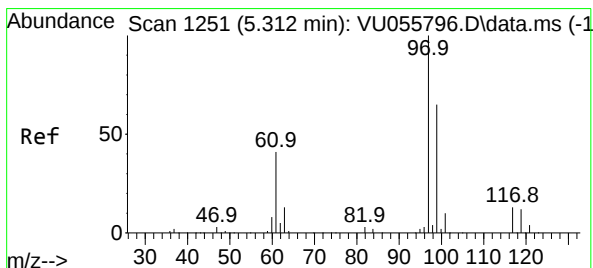
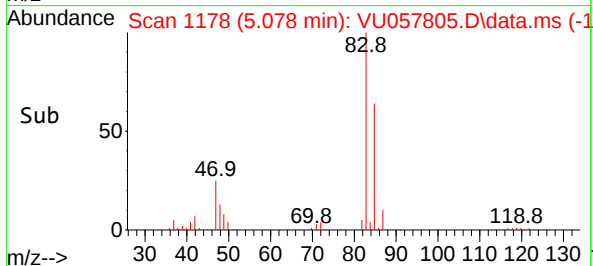
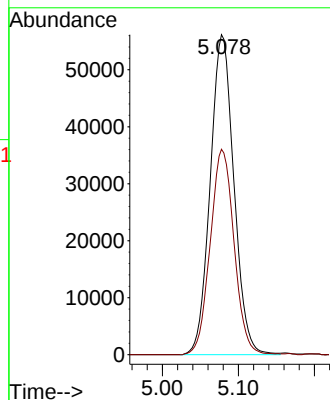
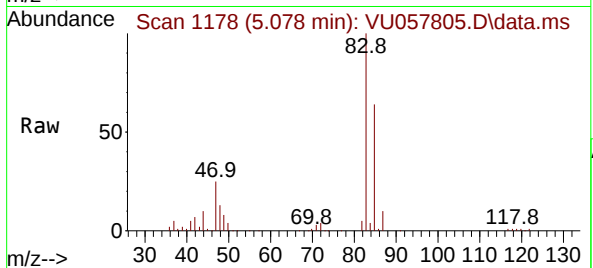
85 64.2 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#28

1,1,1-Trichloroethane

Concen: 5.174 ug/l

RT: 5.303 min Scan# 1248

Delta R.T. 0.003 min

Lab File: VU057805.D

Acq: 05 Feb 2024 13:24

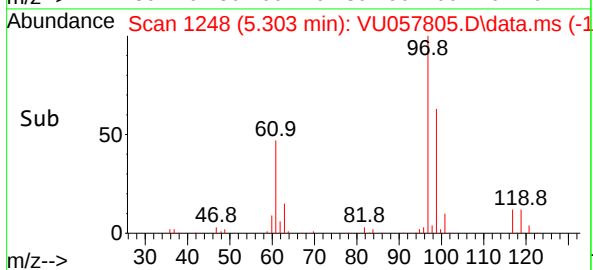
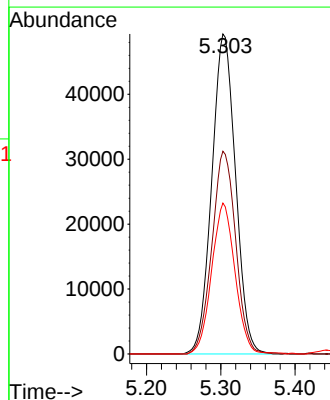
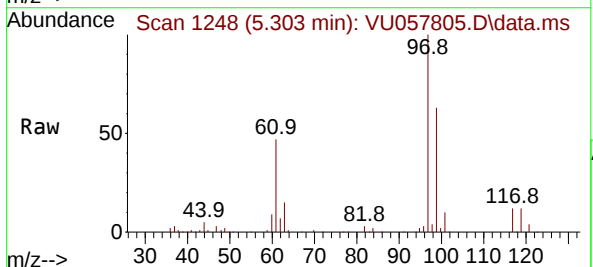
Tgt Ion: 97 Resp: 109661

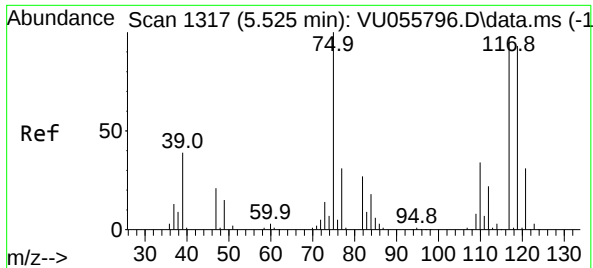
Ion Ratio Lower Upper

97 100

99 63.4 32.0 96.2

61 46.4 22.9 68.5





#29
1,1-Dichloropropene
Concen: 5.304 ug/l
RT: 5.515 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

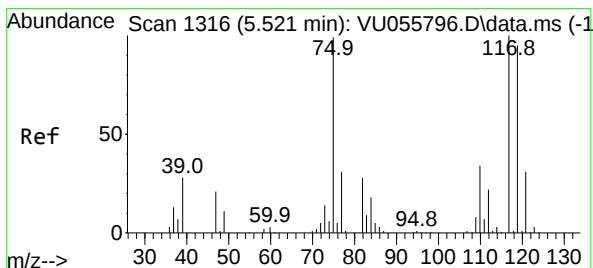
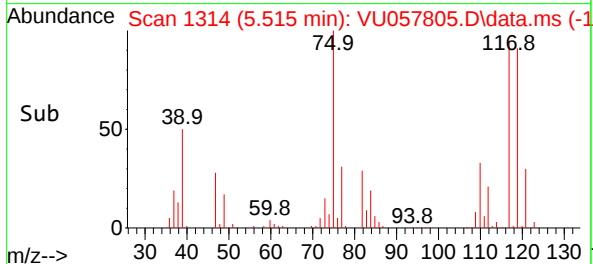
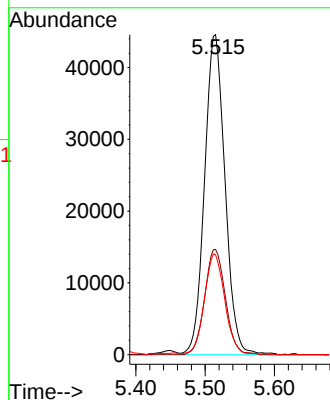
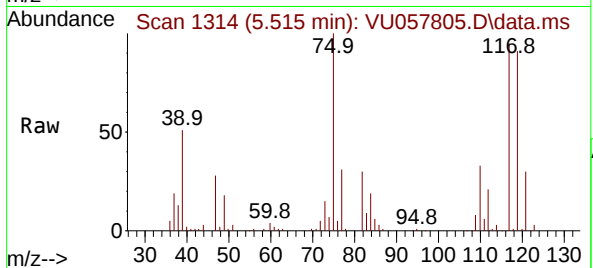
Tgt Ion: 75 Resp: 91359
Ion Ratio Lower Upper
75 100
110 33.2 18.0 54.0
77 30.5 24.7 37.1

Manual Integrations

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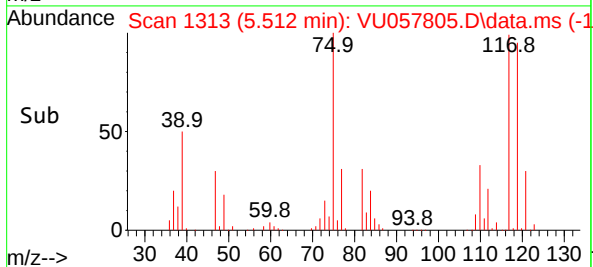
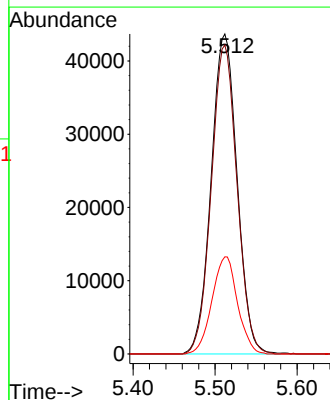
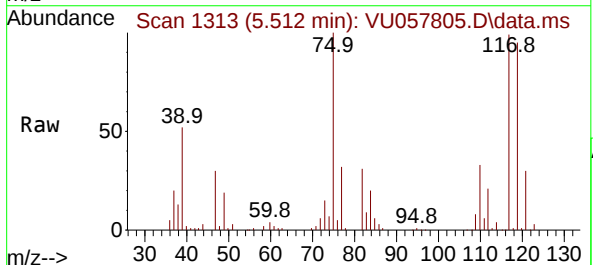
Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#30
Carbon Tetrachloride
Concen: 5.252 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. 0.003 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

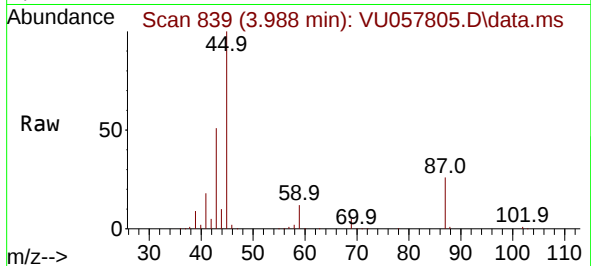
Tgt Ion:117 Resp: 96186
Ion Ratio Lower Upper
117 100
119 96.6 77.4 116.0
121 30.4 24.0 36.0





#31
Isopropyl Ether
Concen: 5.581 ug/l
RT: 3.988 min Scan# 839
Delta R.T. 0.000 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

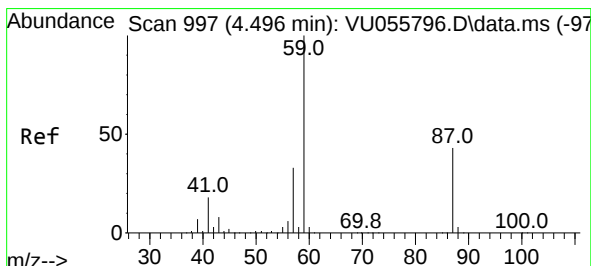
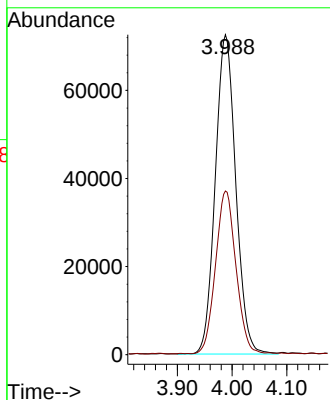
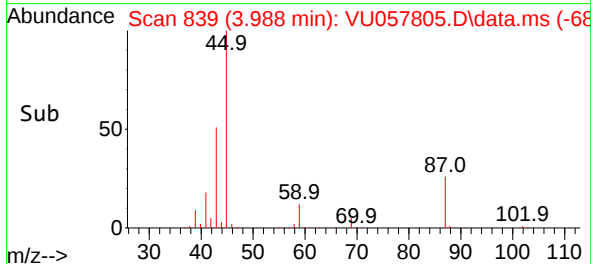
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



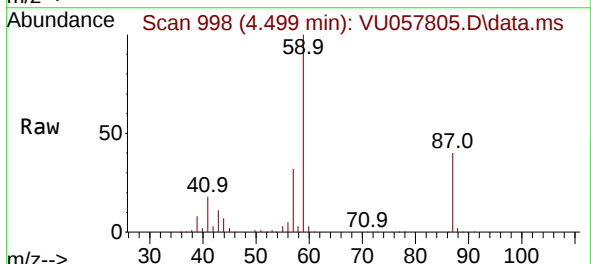
Tgt Ion: 45 Resp: 188409
Ion Ratio Lower Upper
45 100
43 50.7 27.5 82.5

Manual Integrations
APPROVED

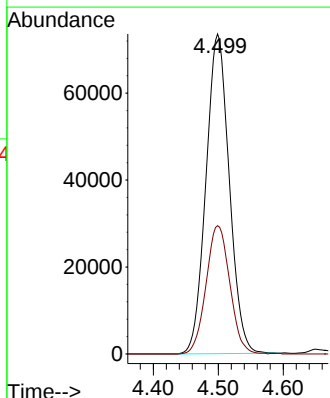
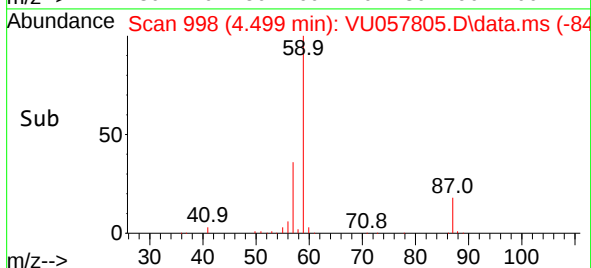
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

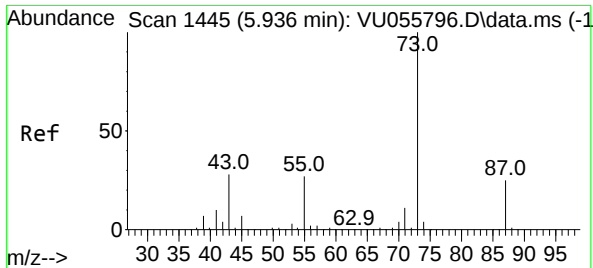


#32
Ethyl-t-butyl ether
Concen: 5.843 ug/l
RT: 4.499 min Scan# 998
Delta R.T. 0.000 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24



Tgt Ion: 59 Resp: 183144
Ion Ratio Lower Upper
59 100
87 40.9 33.5 50.3





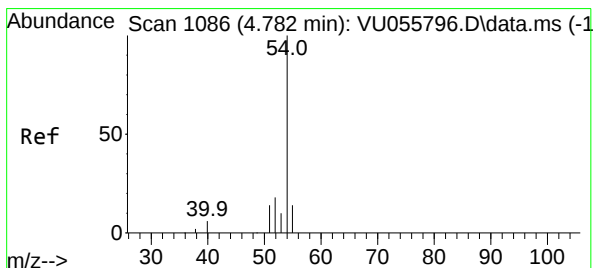
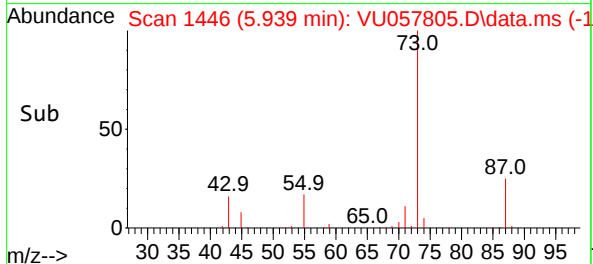
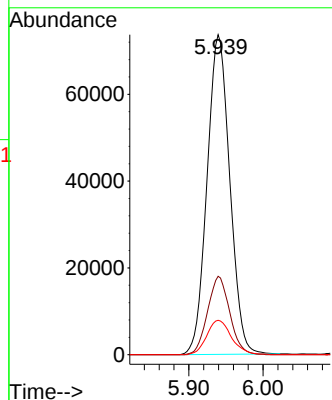
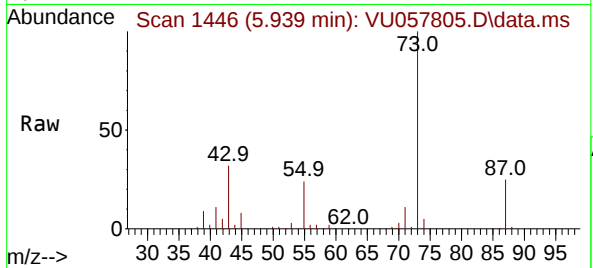
#33
Tert-Amyl methyl ether
Concen: 5.928 ug/l
RT: 5.939 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 15664
Ion Ratio Lower Upper
73 100
87 23.8 18.6 28.0
71 11.7 9.9 14.9

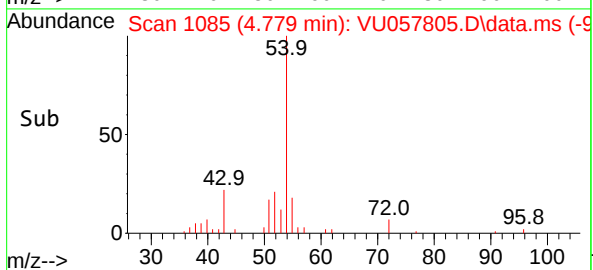
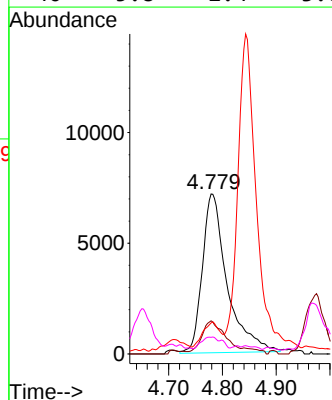
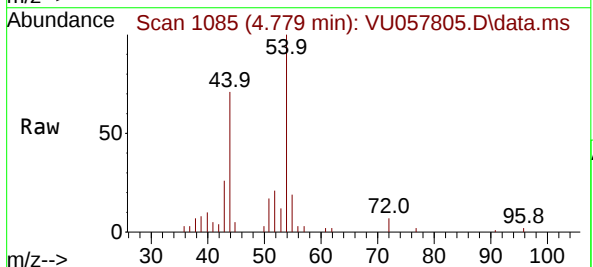
Manual Integrations
APPROVED

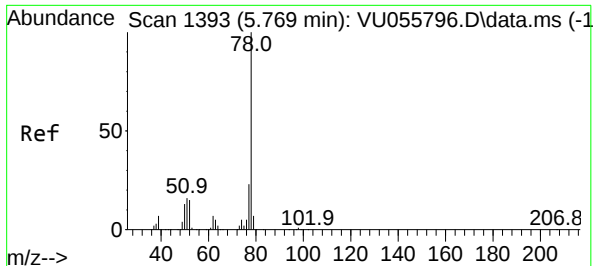
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#34
Propionitrile
Concen: 30.217 ug/l
RT: 4.779 min Scan# 1085
Delta R.T. -0.006 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

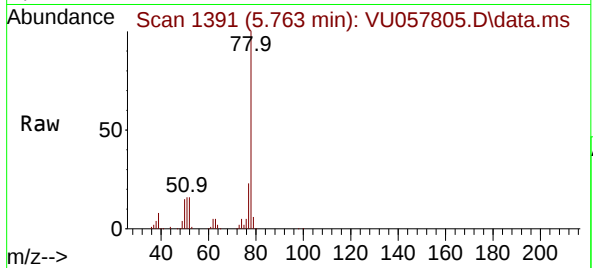
Tgt Ion: 54 Resp: 23032
Ion Ratio Lower Upper
54 100
52 17.1 17.4 26.0#
55 12.3 104.1 156.1#
40 5.8 2.4 3.6#





#35
Benzene
Concen: 5.211 ug/l
RT: 5.763 min Scan# 1391
Delta R.T. 0.003 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

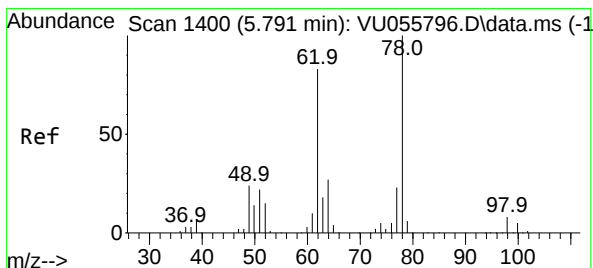
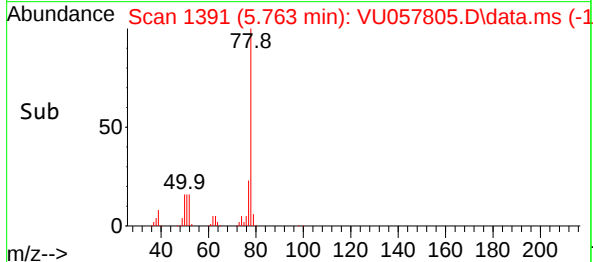
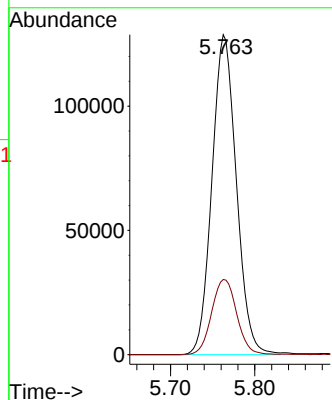
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 78 Resp: 258930
Ion Ratio Lower Upper
78 100
77 23.5 18.9 28.3

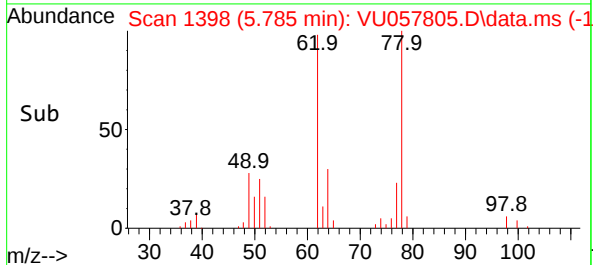
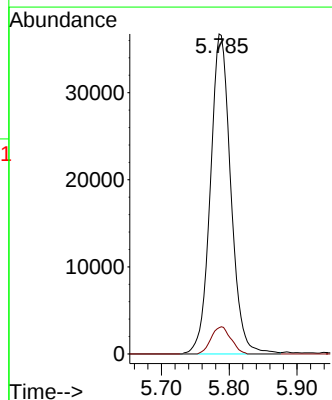
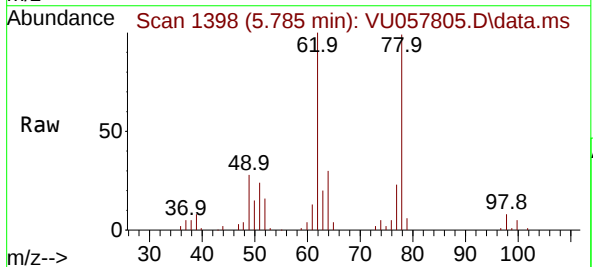
Manual Integrations
APPROVED

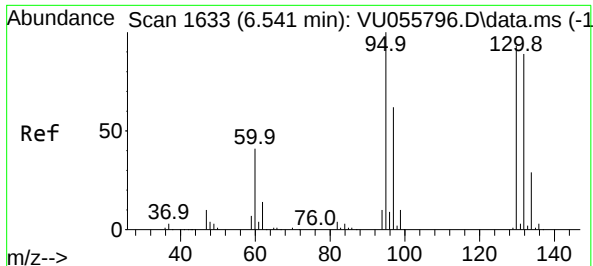
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#36
1,2-Dichloroethane
Concen: 5.305 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

Tgt Ion: 62 Resp: 76970
Ion Ratio Lower Upper
62 100
98 8.2 7.3 10.9





#37

Trichloroethene

Concen: 5.091 ug/l

RT: 6.534 min Scan# 1631

Delta R.T. 0.003 min

Lab File: VU057805.D

Acq: 05 Feb 2024 13:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion:130 Resp: 6683

Ion Ratio Lower Upper

130 100

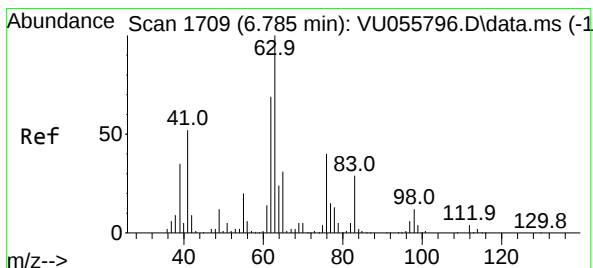
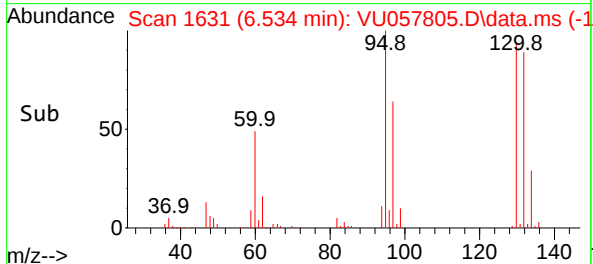
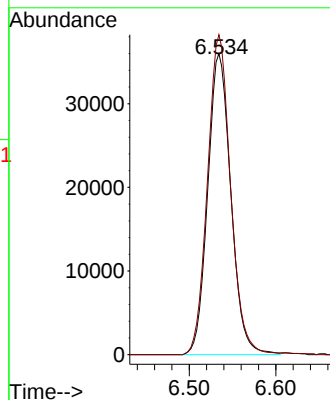
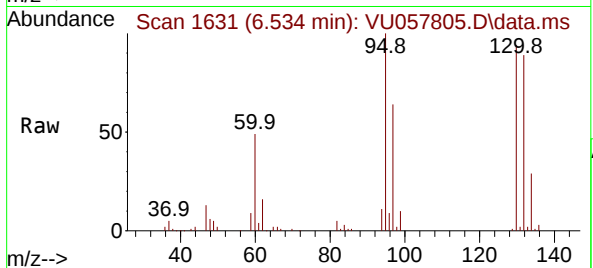
95 106.2 85.0 127.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#38

1,2-Dichloropropane

Concen: 5.383 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.000 min

Lab File: VU057805.D

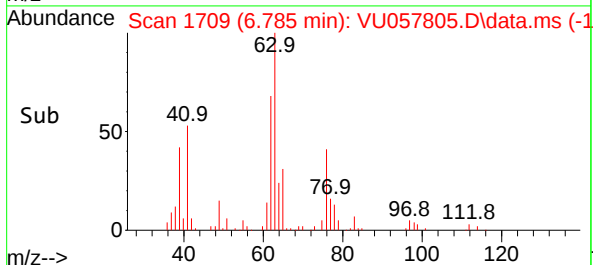
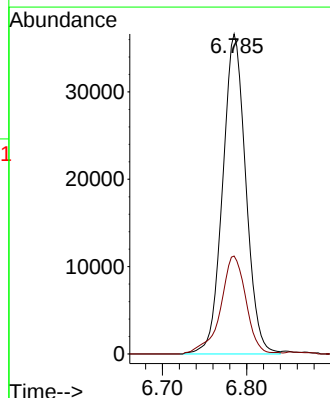
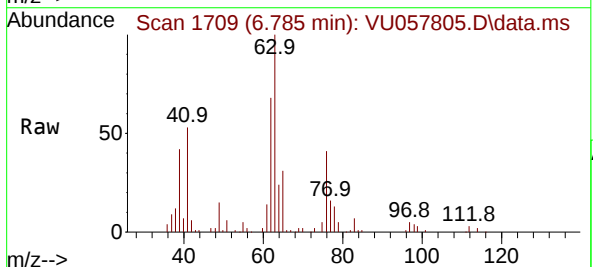
Acq: 05 Feb 2024 13:24

Tgt Ion: 63 Resp: 69744

Ion Ratio Lower Upper

63 100

65 30.6 24.9 37.3





#39

Methacrylonitrile

Concen: 6.444 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VU057805.D

Acq: 05 Feb 2024 13:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

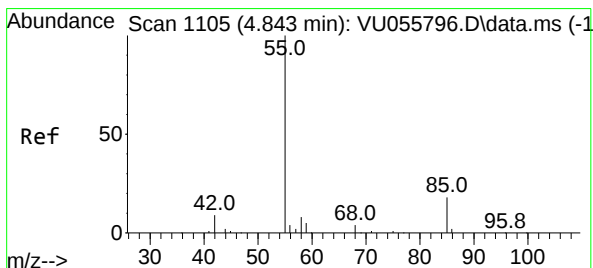
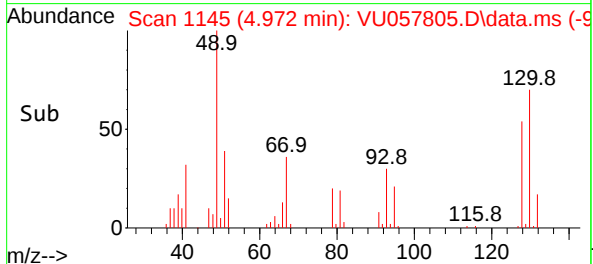
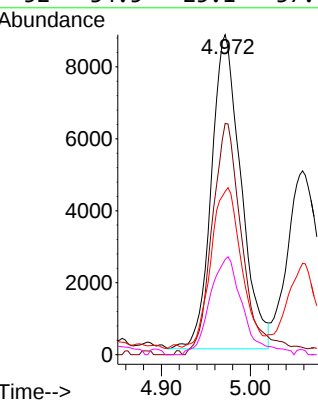
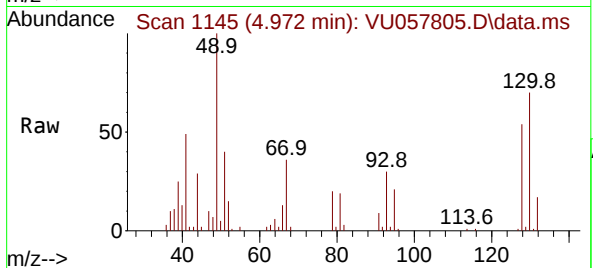
Tgt Ion:	41	Resp:	20104
Ion	Ratio	Lower	Upper
41	100		
67	76.4	66.8	100.2
39	52.2	41.2	61.8
52	34.5	25.1	37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#40

Methyl acrylate

Concen: 7.230 ug/l

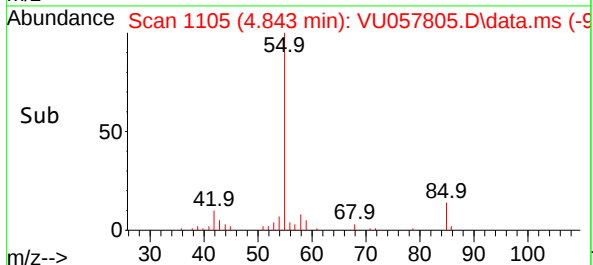
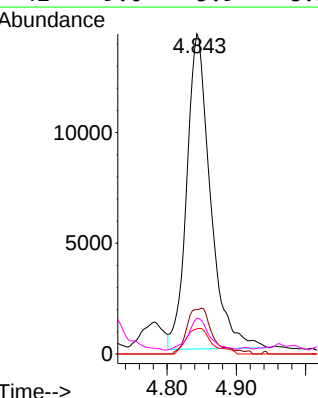
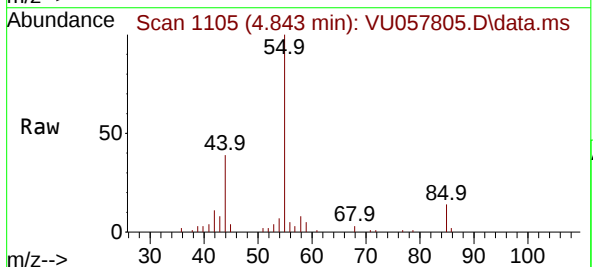
RT: 4.843 min Scan# 1105

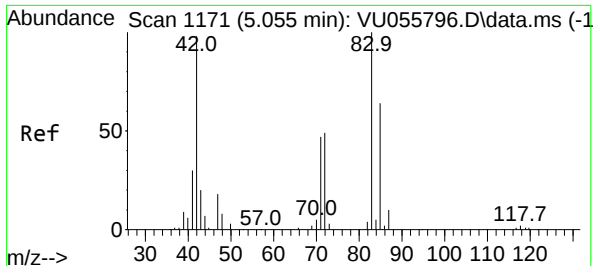
Delta R.T. 0.000 min

Lab File: VU057805.D

Acq: 05 Feb 2024 13:24

Tgt Ion:	55	Resp:	33726
Ion	Ratio	Lower	Upper
55	100		
85	15.4	13.3	19.9
58	8.8	6.5	9.7
42	9.0	5.9	8.9





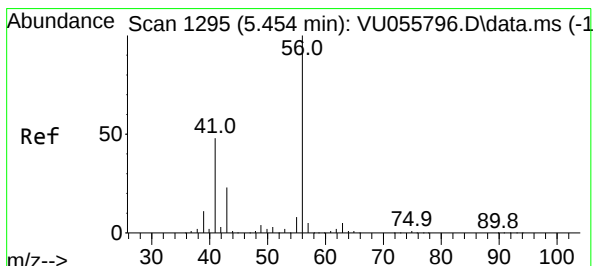
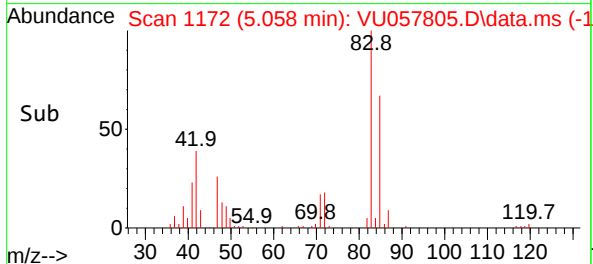
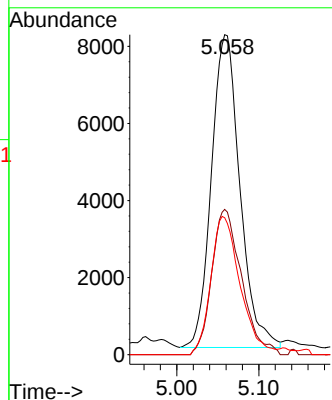
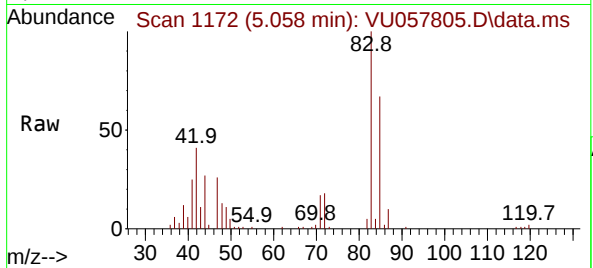
#41
Tetrahydrofuran
Concen: 11.964 ug/l
RT: 5.058 min Scan# 1171
Delta R.T. -0.003 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 42 Resp: 1962
Ion Ratio Lower Upper
42 100
72 48.5 40.9 61.3
71 45.4 36.9 55.3

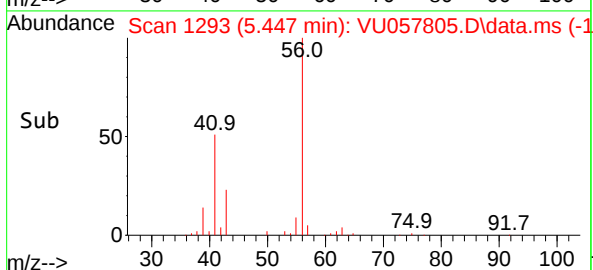
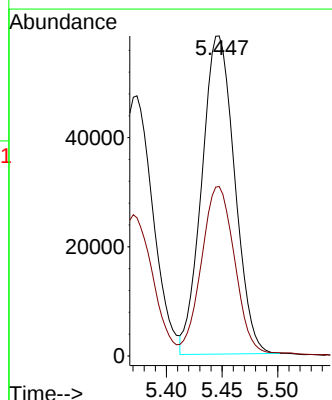
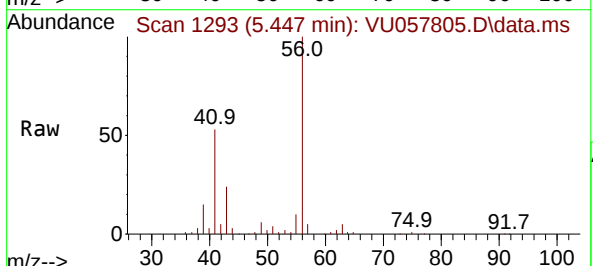
Manual Integrations
APPROVED

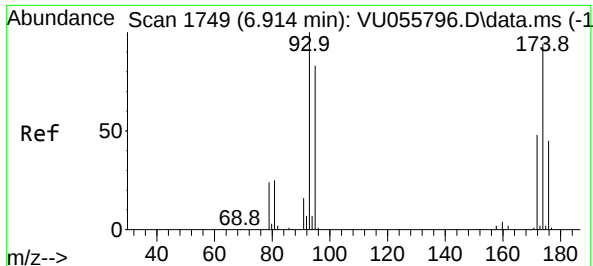
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#42
1-Chlorobutane
Concen: 5.258 ug/l
RT: 5.447 min Scan# 1293
Delta R.T. 0.003 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

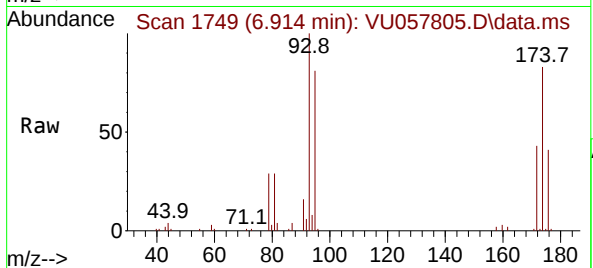
Tgt Ion: 56 Resp: 119646
Ion Ratio Lower Upper
56 100
41 54.5 25.2 75.6





#43
Dibromomethane
Concen: 5.447 ug/l
RT: 6.914 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

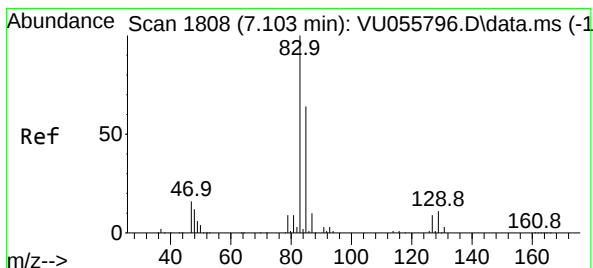
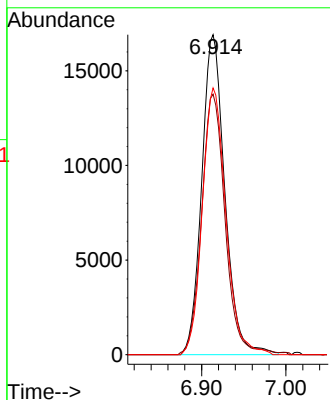
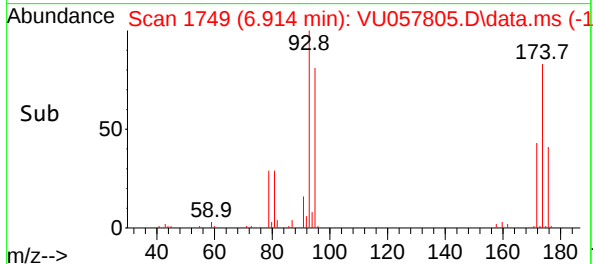
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



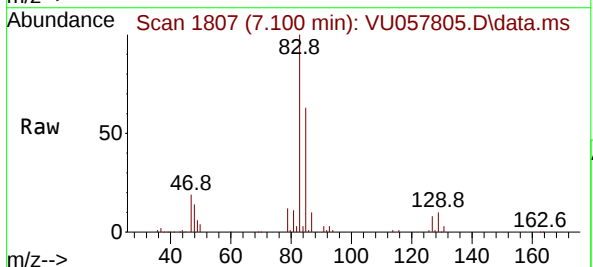
Tgt Ion: 93 Resp: 32304
Ion Ratio Lower Upper
93 100
95 82.9 67.0 100.6
174 85.0 73.8 110.6

Manual Integrations
APPROVED

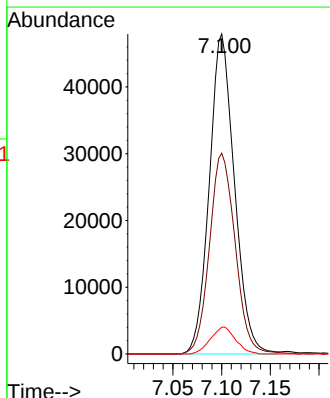
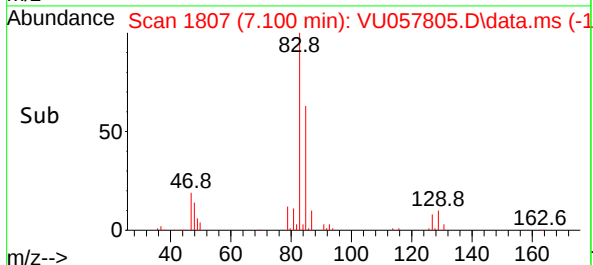
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

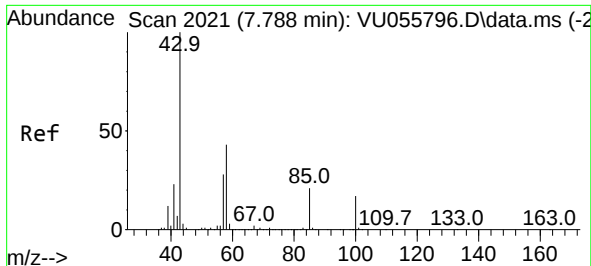


#44
Bromodichloromethane
Concen: 5.186 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24



Tgt Ion: 83 Resp: 86044
Ion Ratio Lower Upper
83 100
85 62.7 51.9 77.9
127 9.3 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 29.251 ug/l

RT: 7.791 min Scan# 2021

Delta R.T. -0.003 min

Lab File: VU057805.D

Acq: 05 Feb 2024 13:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 177910

Ion Ratio Lower Upper

43 100

58 40.5 20.9 62.8

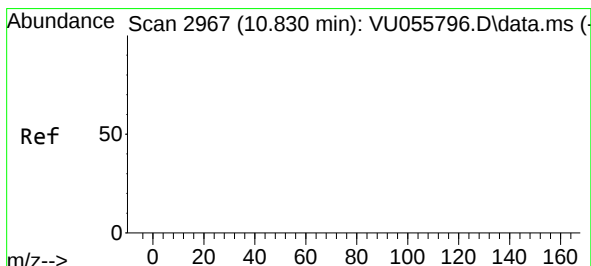
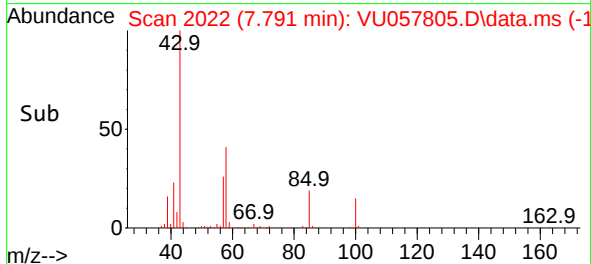
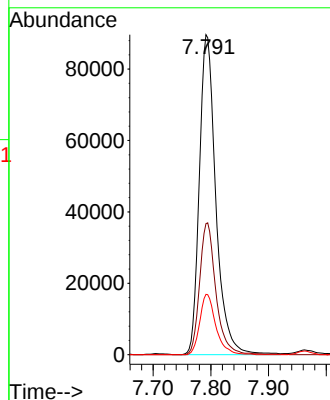
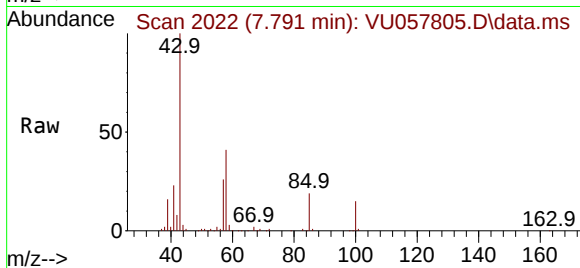
85 18.4 14.6 21.8

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: 12.866 ug/l m

RT: 10.836 min Scan# 2969

Delta R.T. 0.000 min

Lab File: VU057805.D

Acq: 05 Feb 2024 13:24

Tgt Ion: 75 Resp: 22050

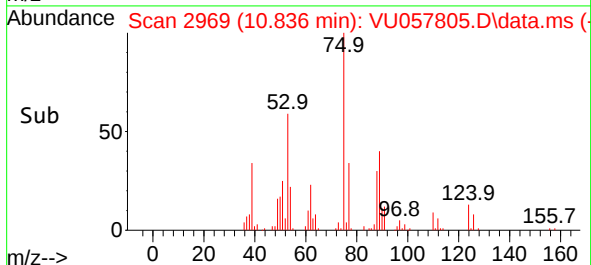
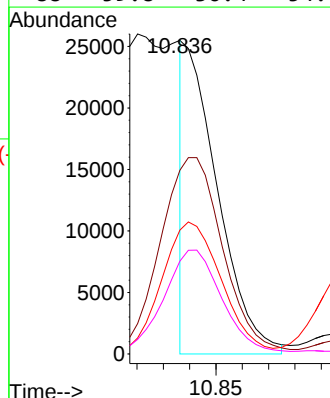
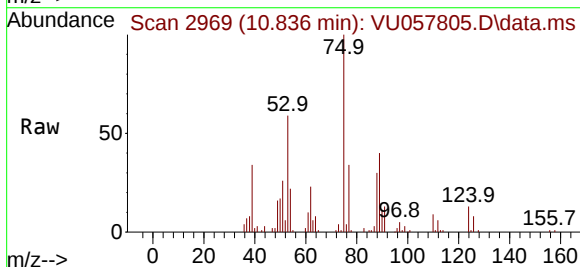
Ion Ratio Lower Upper

75 100

53 120.9 73.3 109.9#

89 77.4 48.2 72.4#

88 59.8 36.4 54.6#





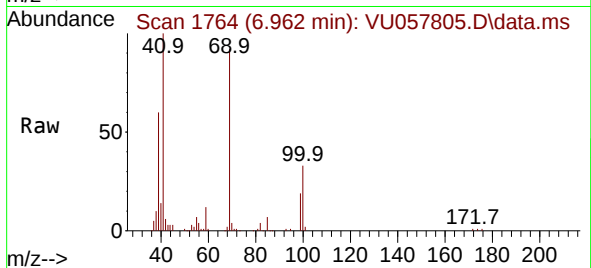
#47
Methyl methacrylate
Concen: 11.309 ug/l
RT: 6.962 min Scan# 1764
Delta R.T. 0.000 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005



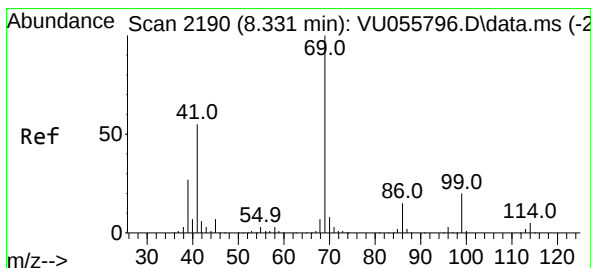
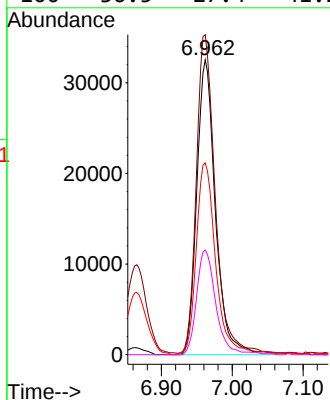
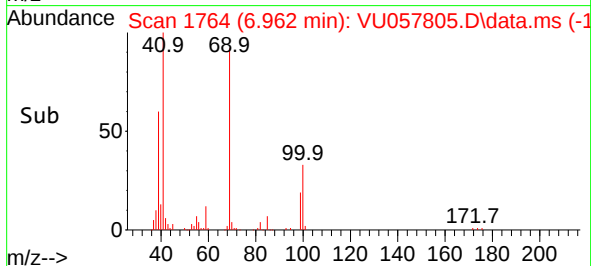
Tgt Ion: 69 Resp: 5964
Ion Ratio Lower Upper
69 100
41 108.4 0.0 209.2
39 68.0 46.7 70.1
100 36.5 27.4 41.2

Manual Integrations

APPROVED

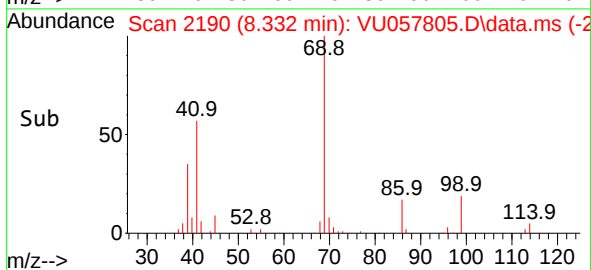
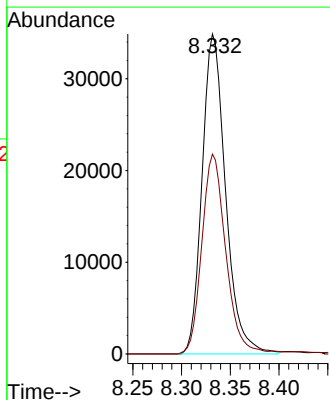
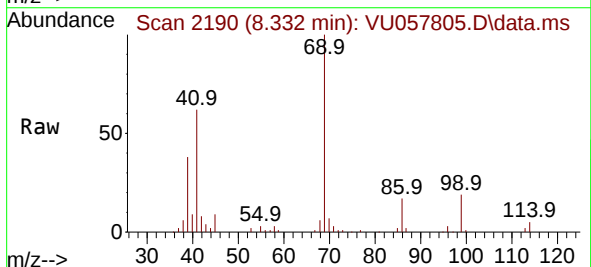
Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#48
Ethyl methacrylate
Concen: 5.573 ug/l
RT: 8.332 min Scan# 2190
Delta R.T. 0.000 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

Tgt Ion: 69 Resp: 58466
Ion Ratio Lower Upper
69 100
41 63.4 30.3 90.8





#49

Toluene

Concen: 5.153 ug/l

RT: 7.962 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU057805.D

Acq: 05 Feb 2024 13:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 92 Resp: 156278

Ion Ratio Lower Upper

92 100

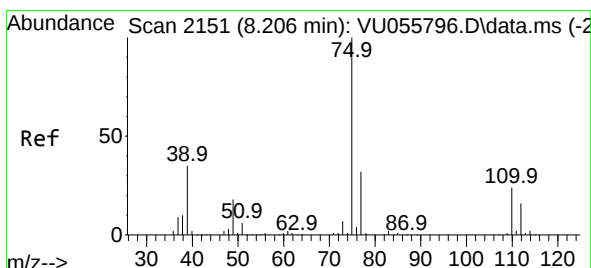
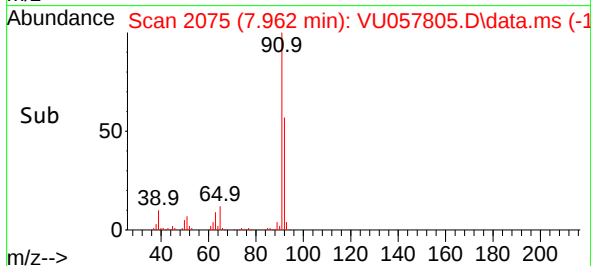
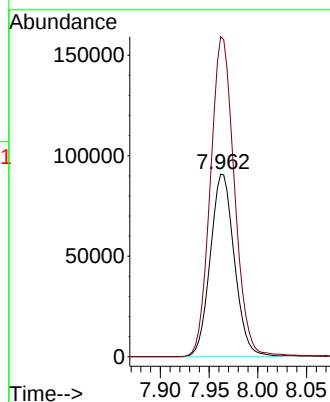
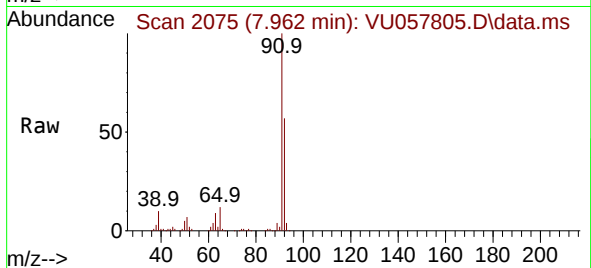
91 175.7 143.0 214.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#50

t-1,3-Dichloropropene

Concen: 5.486 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU057805.D

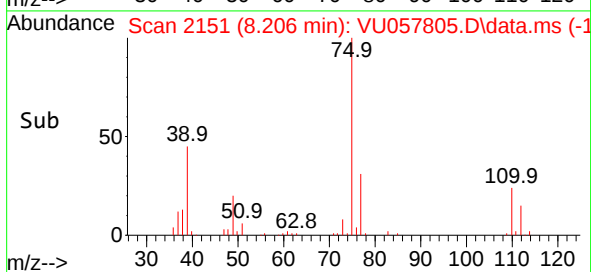
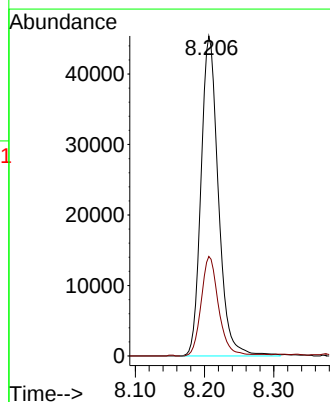
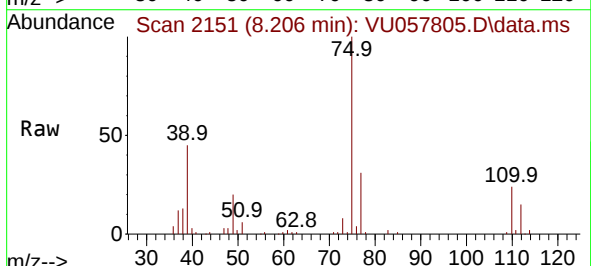
Acq: 05 Feb 2024 13:24

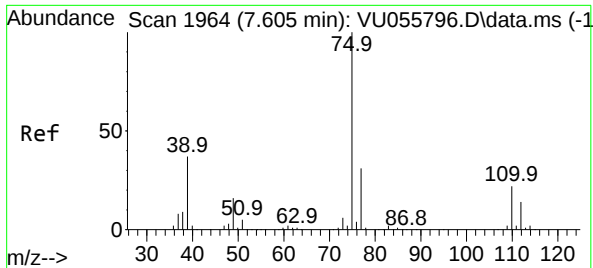
Tgt Ion: 75 Resp: 79012

Ion Ratio Lower Upper

75 100

77 31.1 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 5.296 ug/l
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU057805.D
 Acq: 05 Feb 2024 13:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

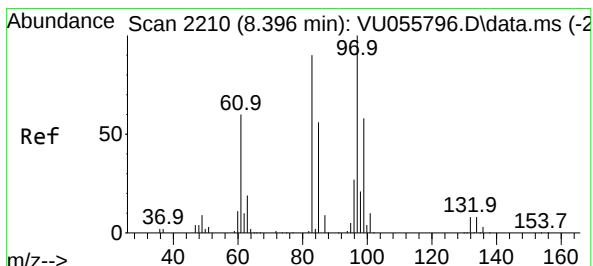
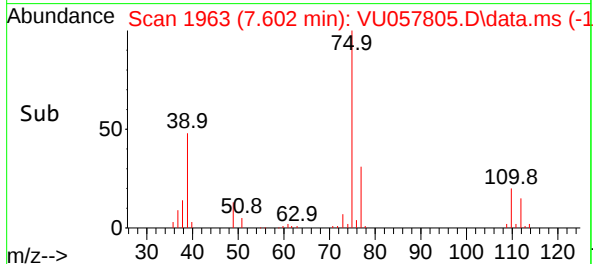
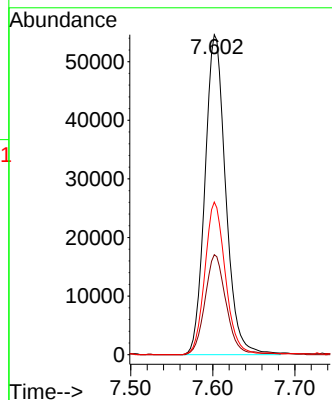
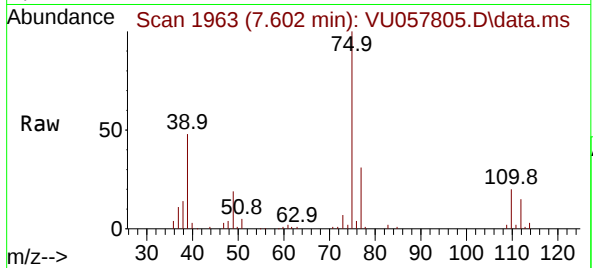
Tgt Ion: 75 Resp: 96172
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.7 38.5
 39 47.7 32.8 49.2

Manual Integrations

APPROVED

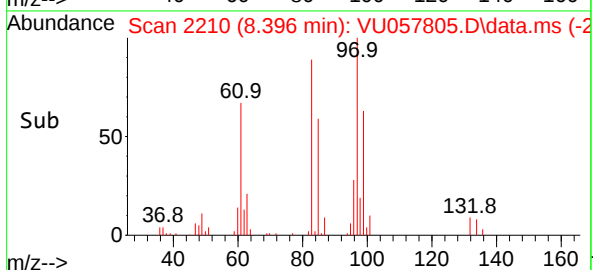
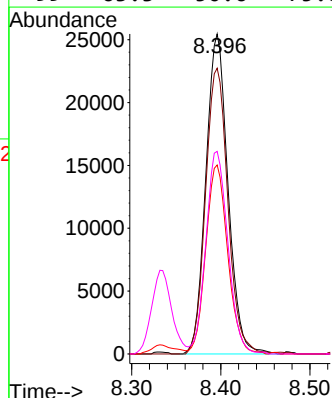
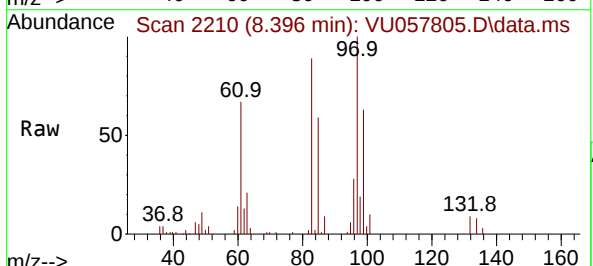
Reviewed By :John Carlone 02/14/2024

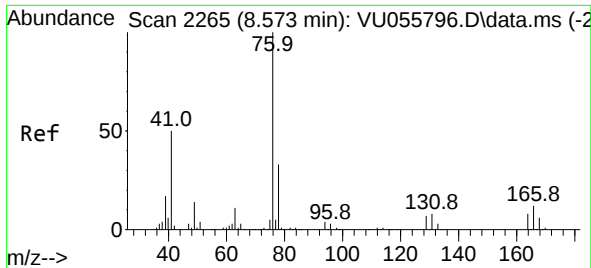
Supervised By :Mahesh Dadoda 02/14/2024



#52
 1,1,2-Trichloroethane
 Concen: 5.353 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VU057805.D
 Acq: 05 Feb 2024 13:24

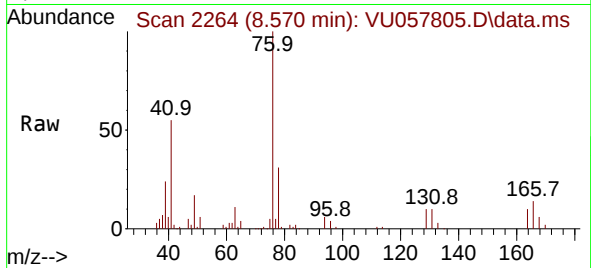
Tgt Ion: 97 Resp: 43893
 Ion Ratio Lower Upper
 97 100
 83 89.3 71.8 107.8
 85 59.0 45.2 67.8
 99 63.3 50.6 75.8





#53
1,3-Dichloropropane
Concen: 5.370 ug/l
RT: 8.570 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

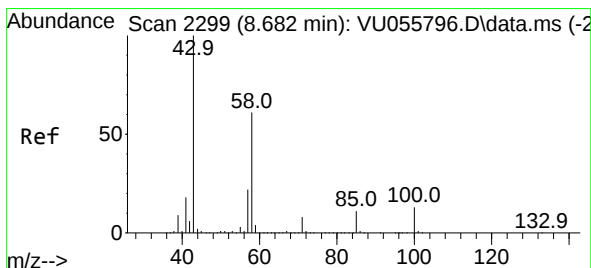
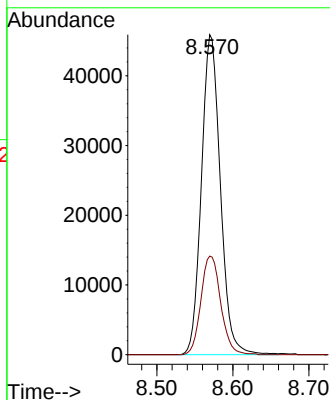
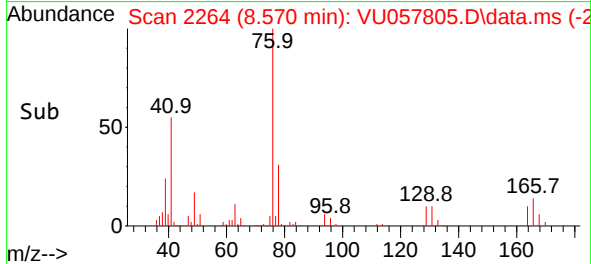
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



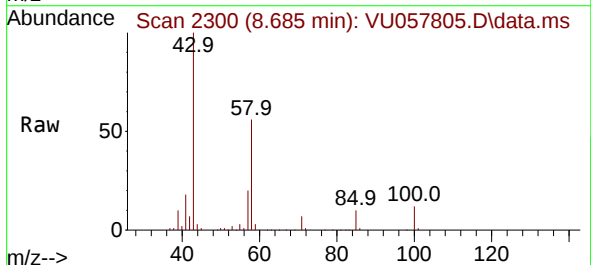
Tgt Ion: 76 Resp: 7938
Ion Ratio Lower Upper
76 100
78 32.2 25.9 38.9

Manual Integrations
APPROVED

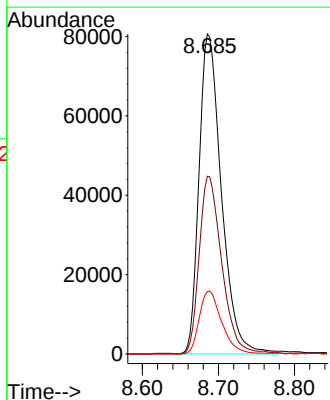
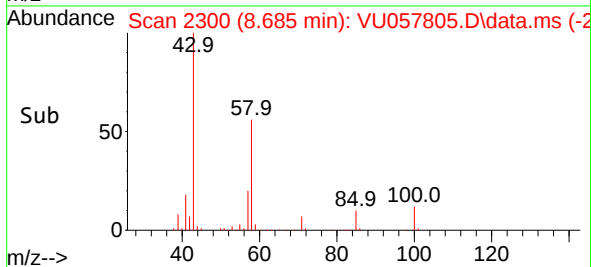
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#54
2-Hexanone
Concen: 28.707 ug/l
RT: 8.685 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24



Tgt Ion: 43 Resp: 165169
Ion Ratio Lower Upper
43 100
58 56.0 38.2 78.2
57 19.8 0.0 39.1





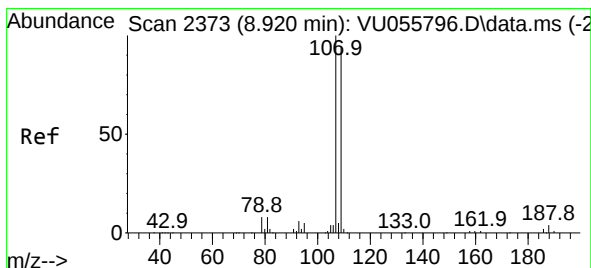
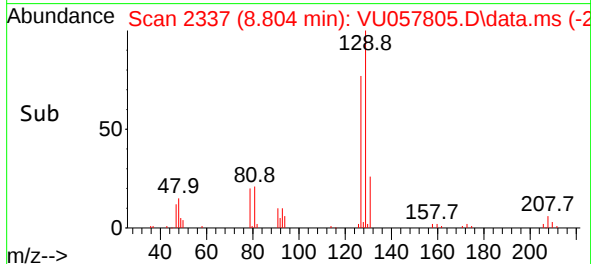
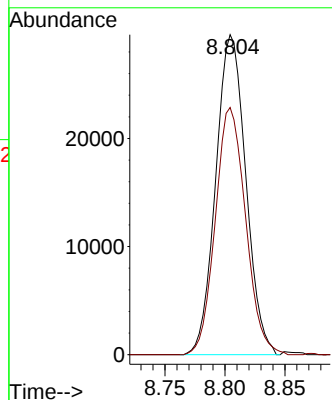
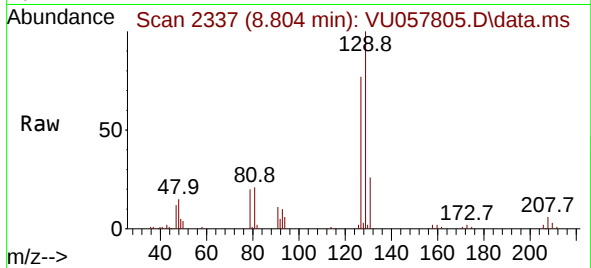
#55
Dibromochloromethane
Concen: 5.112 ug/l
RT: 8.804 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:129 Resp: 5160
Ion Ratio Lower Upper
129 100
127 77.9 61.4 92.0

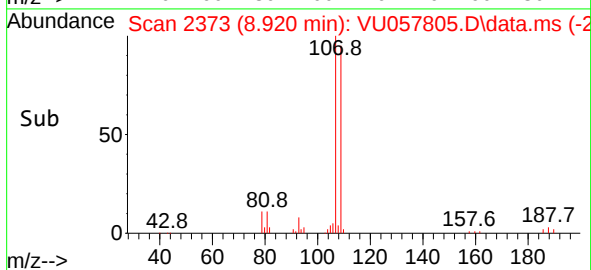
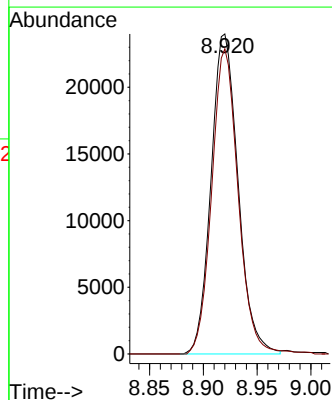
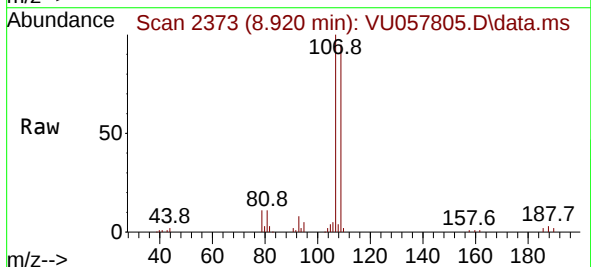
Manual Integrations
APPROVED

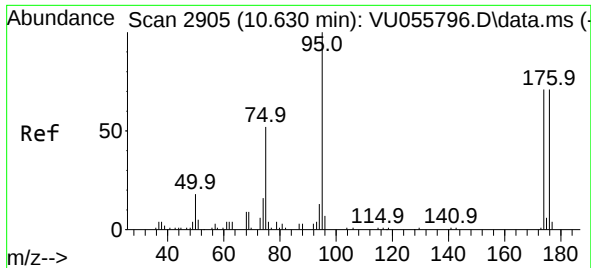
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#56
1,2-Dibromoethane
Concen: 5.576 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

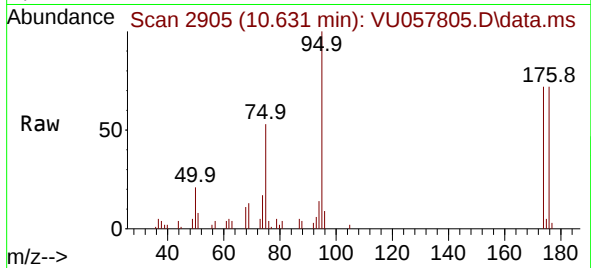
Tgt Ion:107 Resp: 41970
Ion Ratio Lower Upper
107 100
109 93.1 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 0.974 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

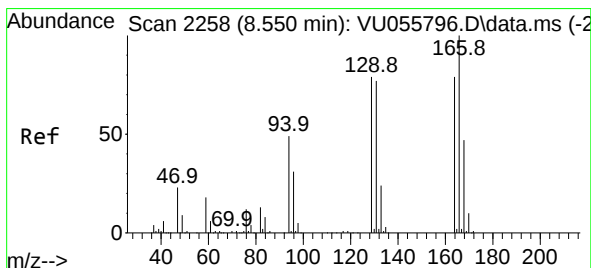
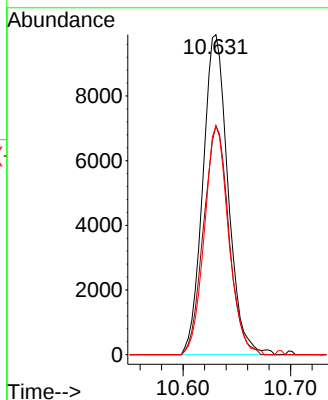
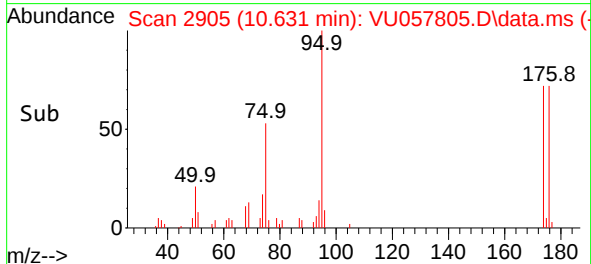
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



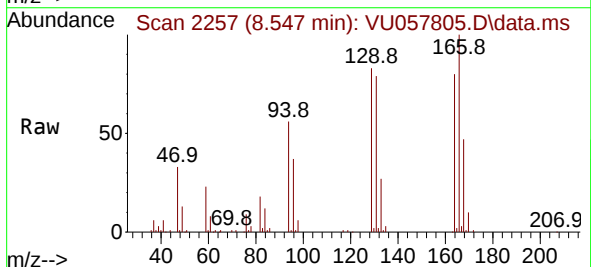
Tgt Ion: 95 Resp: 16084
Ion Ratio Lower Upper
95 100
174 71.8 63.3 94.9
176 69.1 59.3 88.9

Manual Integrations
APPROVED

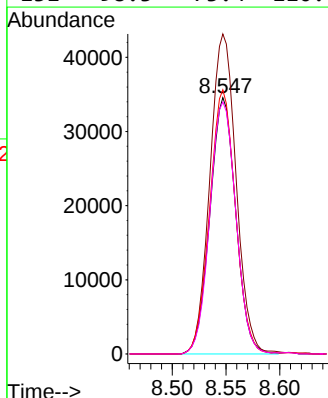
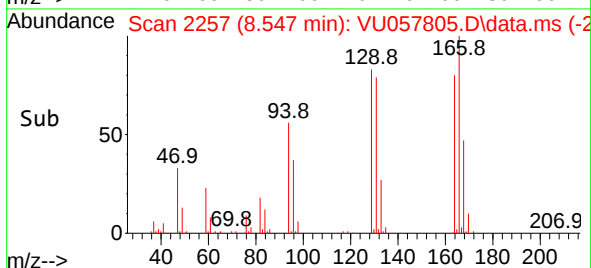
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#58
Tetrachloroethene
Concen: 4.971 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24



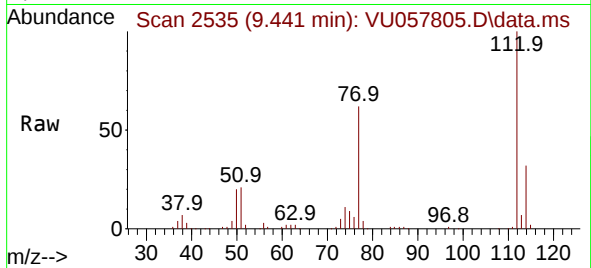
Tgt Ion:164 Resp: 57553
Ion Ratio Lower Upper
164 100
166 124.8 99.6 149.4
129 103.0 78.6 117.8
131 98.3 73.4 110.0





#59
Chlorobenzene
Concen: 5.177 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

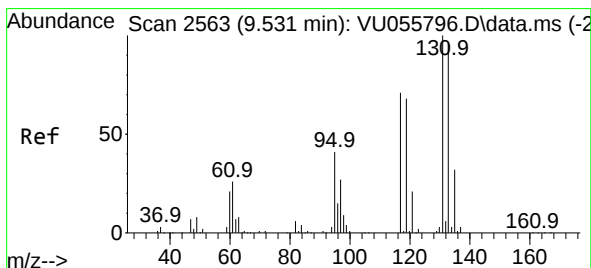
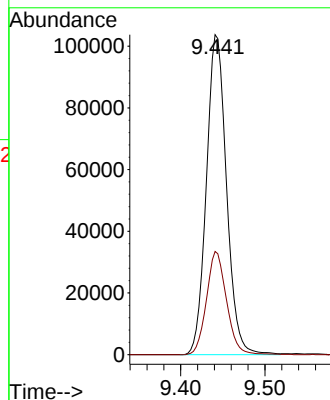
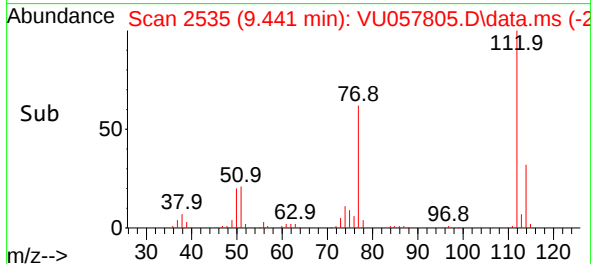
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



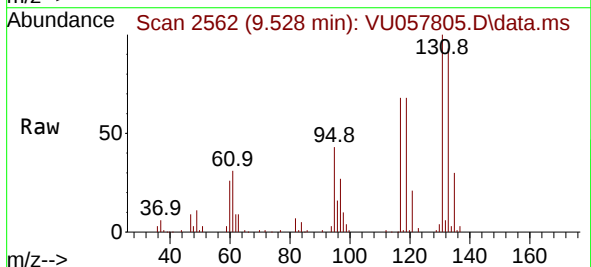
Tgt Ion:112 Resp: 17263
Ion Ratio Lower Upper
112 100
114 32.3 25.6 38.4

Manual Integrations
APPROVED

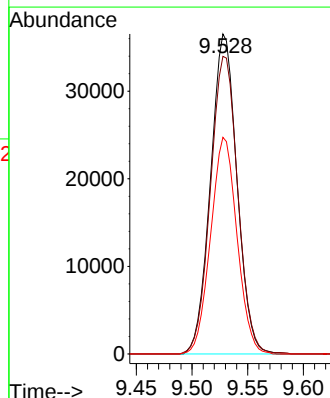
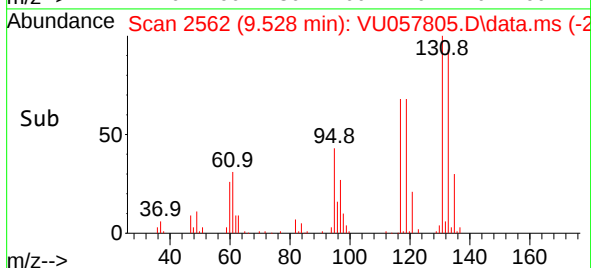
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

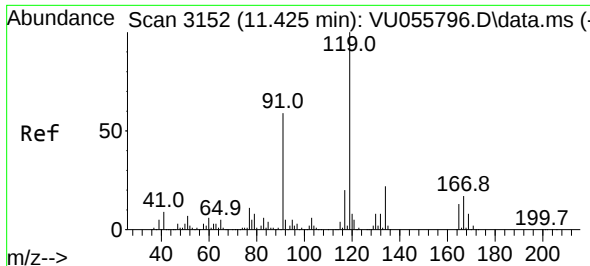


#60
1,1,1,2-Tetrachloroethane
Concen: 5.304 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24



Tgt Ion:131 Resp: 60251
Ion Ratio Lower Upper
131 100
133 96.3 77.8 116.6
119 67.6 55.2 82.8





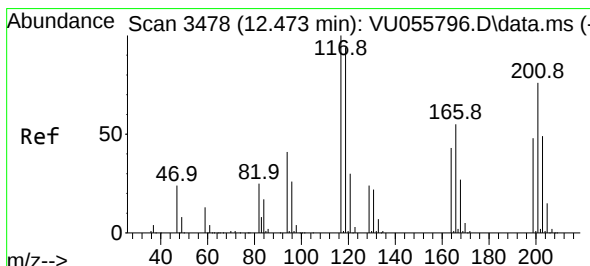
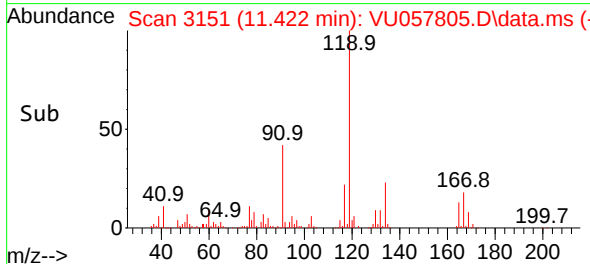
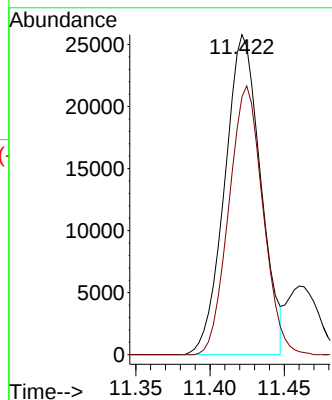
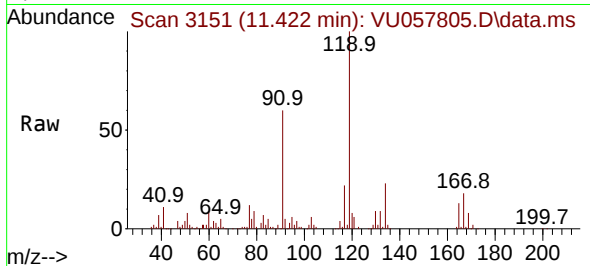
#61
Pentachloroethane
Concen: 5.314 ug/l
RT: 11.422 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:117 Resp: 43384
Ion Ratio Lower Upper
117 100
167 79.6 56.7 85.1

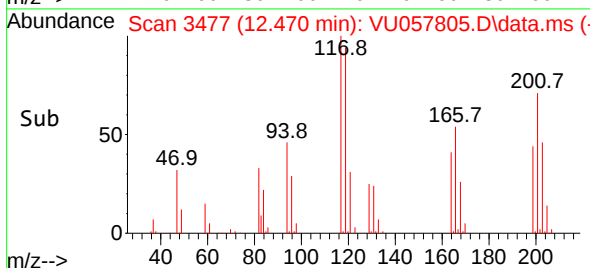
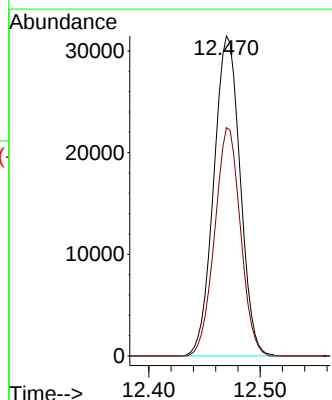
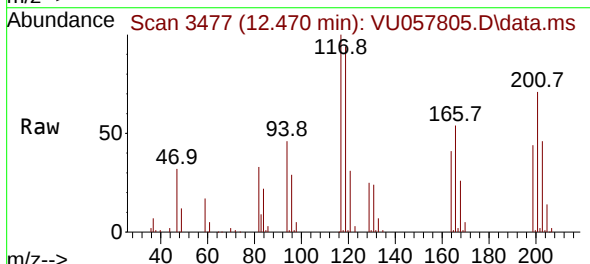
Manual Integrations
APPROVED

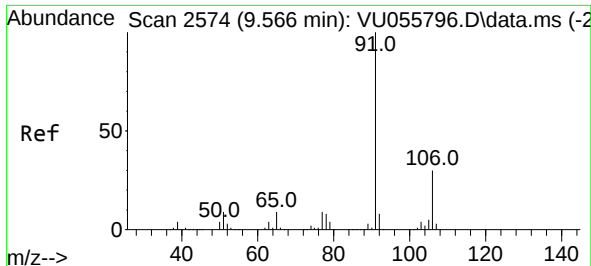
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#62
Hexachloroethane
Concen: 5.749 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. -0.003 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

Tgt Ion:117 Resp: 51854
Ion Ratio Lower Upper
117 100
201 69.7 59.6 89.4





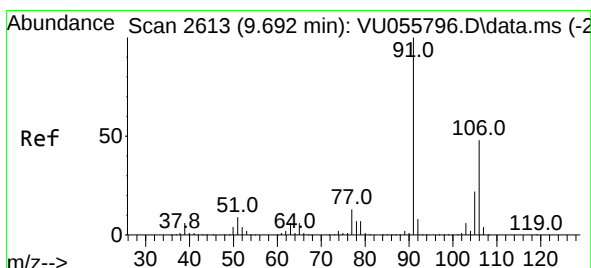
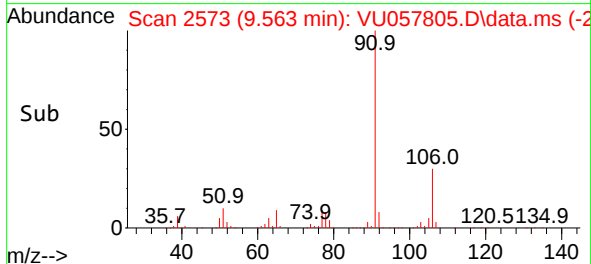
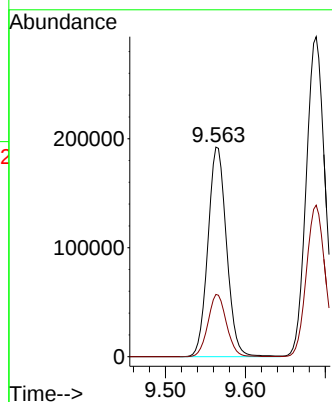
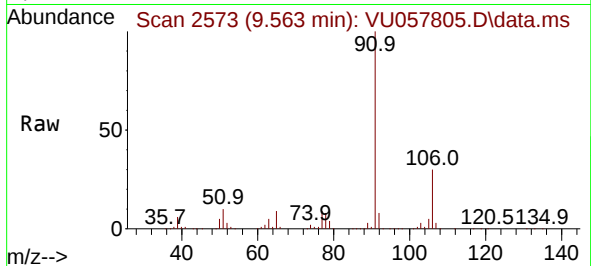
#63
Ethyl Benzene
Concen: 5.251 ug/l
RT: 9.563 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 31173
Ion Ratio Lower Upper
91 100
106 29.7 24.2 36.2

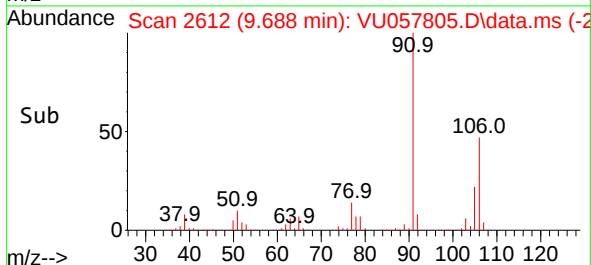
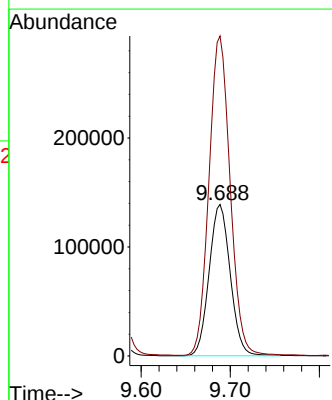
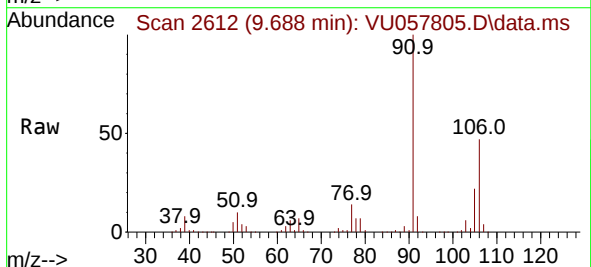
Manual Integrations
APPROVED

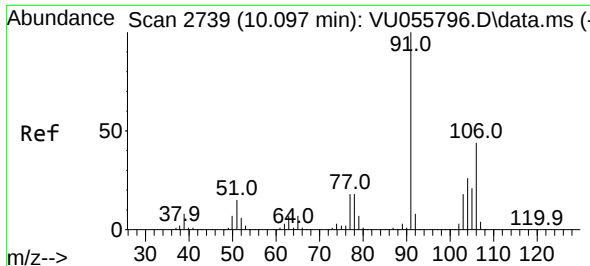
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#64
m/p-Xylenes
Concen: 10.598 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

Tgt Ion:106 Resp: 228276
Ion Ratio Lower Upper
106 100
91 212.4 167.3 250.9





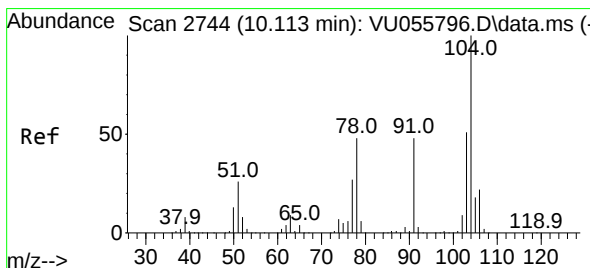
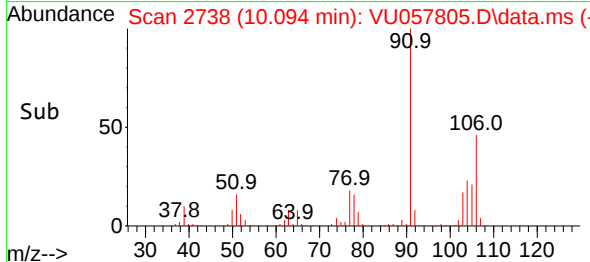
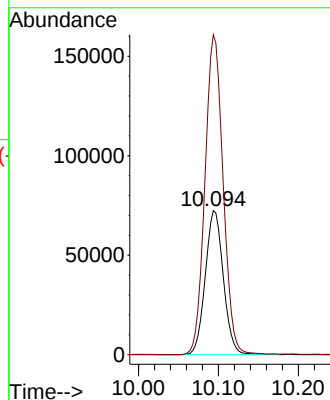
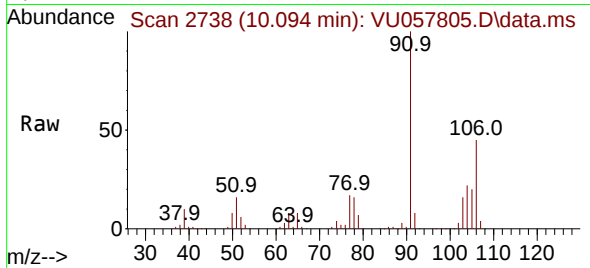
#65
o-Xylene
Concen: 5.340 ug/l
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 113819
Ion Ratio Lower Upper
106 100
91 223.6 109.3 327.9

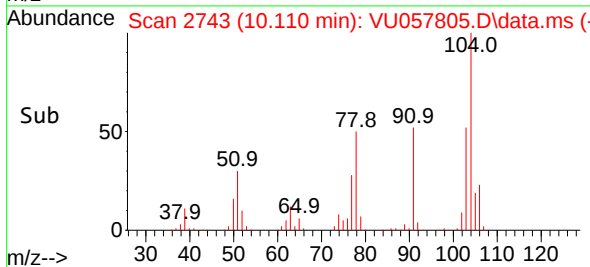
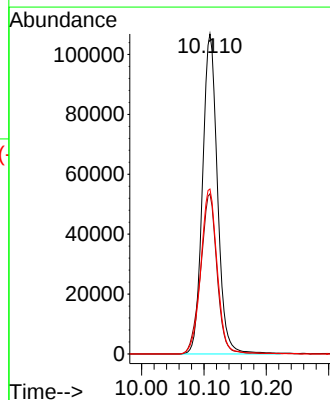
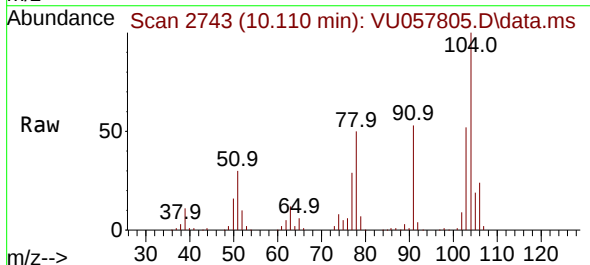
Manual Integrations
APPROVED

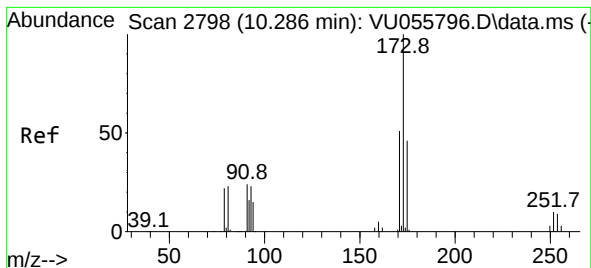
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#66
Styrene
Concen: 5.604 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

Tgt Ion:104 Resp: 178561
Ion Ratio Lower Upper
104 100
78 54.4 39.7 59.5
103 56.3 44.8 67.2





#67

Bromoform

Concen: 5.229 ug/l

RT: 10.286 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU057805.D

Acq: 05 Feb 2024 13:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

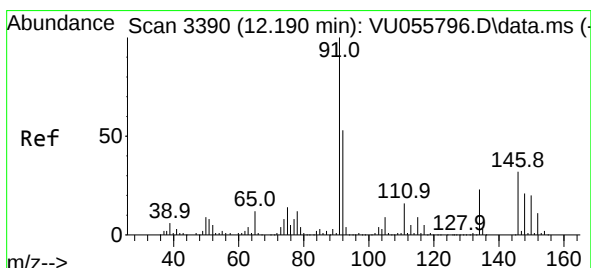
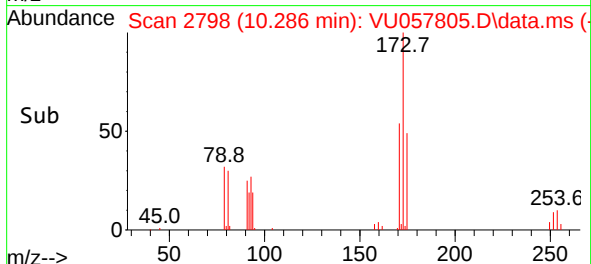
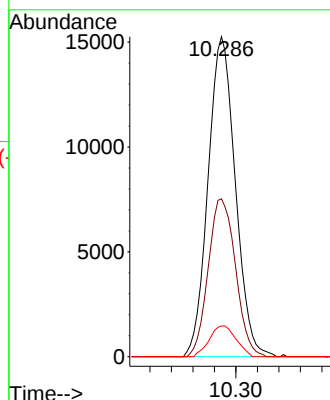
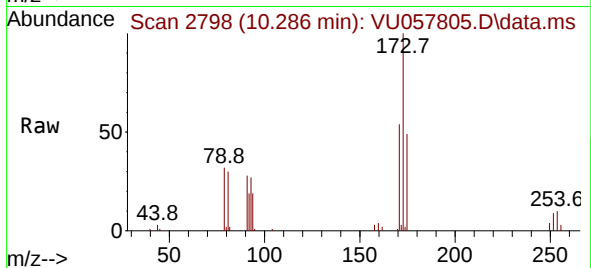
Tgt Ion:173	Resp:	2686
Ion Ratio	Lower	Upper
173	100	
175	49.4	39.0 58.6
254	9.4	7.4 11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#68

1,2-Dichlorobenzene-d4

Concen: 0.966 ug/l

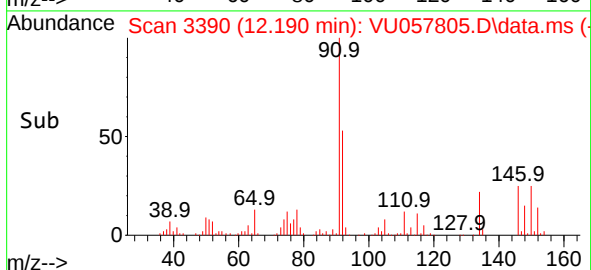
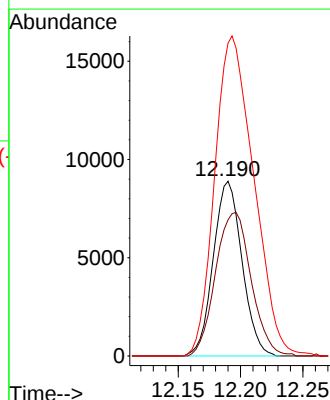
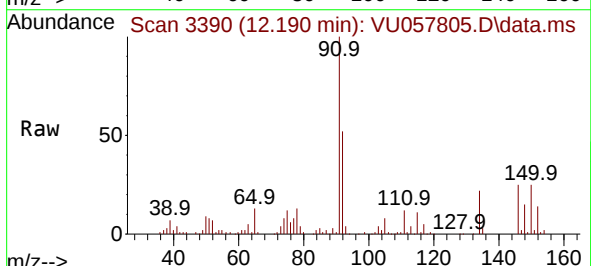
RT: 12.190 min Scan# 3390

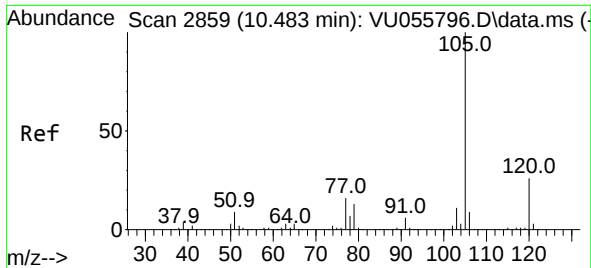
Delta R.T. -0.003 min

Lab File: VU057805.D

Acq: 05 Feb 2024 13:24

Tgt Ion:152	Resp:	14296
Ion Ratio	Lower	Upper
152	100	
115	101.4	0.0 308.8
150	248.2	0.0 635.0





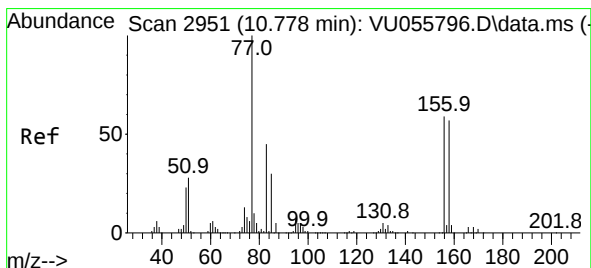
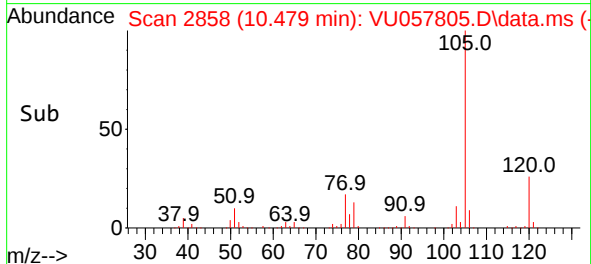
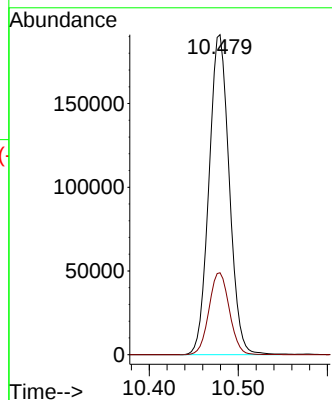
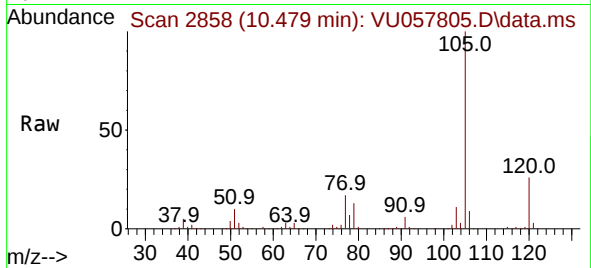
#69
Isopropylbenzene
Concen: 5.404 ug/l
RT: 10.479 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 30170
Ion Ratio Lower Upper
105 100
120 25.7 12.8 38.4

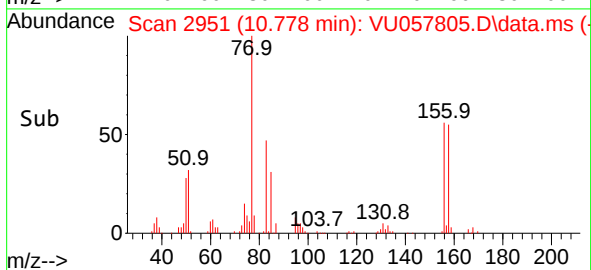
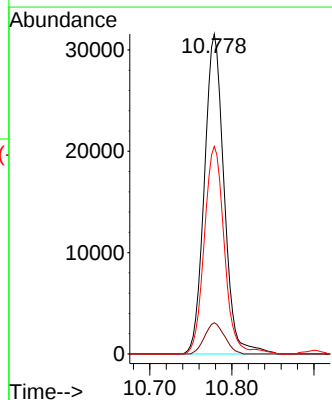
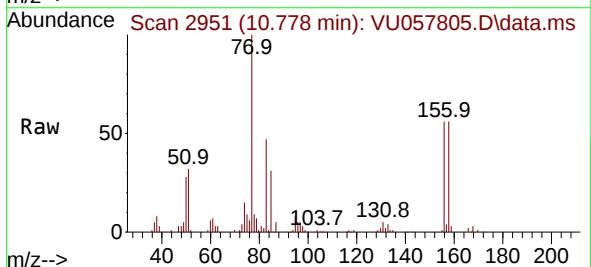
Manual Integrations
APPROVED

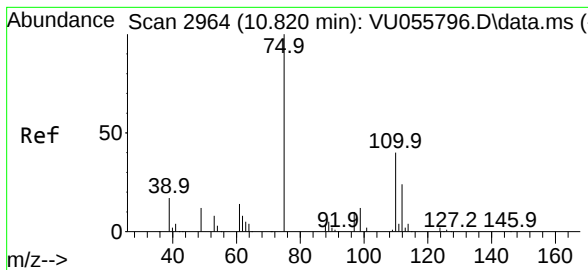
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#70
1,1,2,2-Tetrachloroethane
Concen: 5.182 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

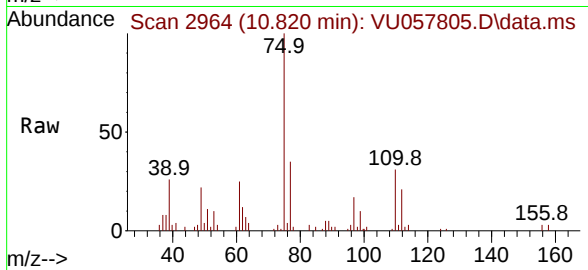
Tgt Ion: 83 Resp: 52580
Ion Ratio Lower Upper
83 100
131 9.9 7.2 10.8
85 65.4 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 5.408 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. -0.013 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

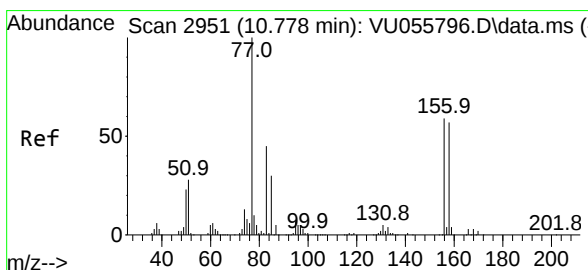
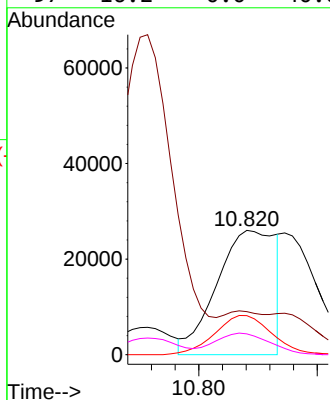
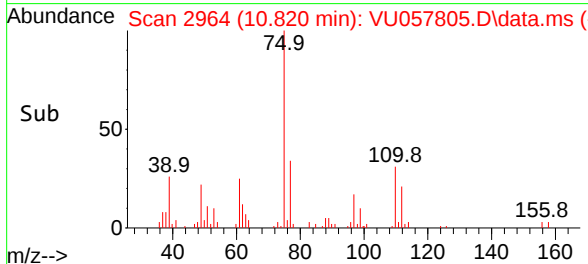
Instrument : MSVOA_U
ClientSampleId : VSTDIC005



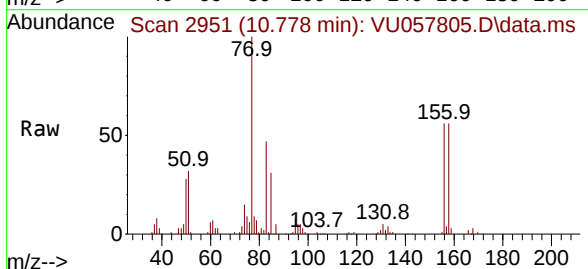
Tgt Ion: 75 Resp: 44970
Ion Ratio Lower Upper
75 100
77 0.0 0.0 116.4
110 30.6 0.0 74.6
97 16.2 0.0 40.0

Manual Integrations
APPROVED

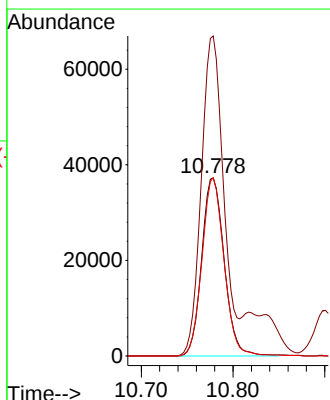
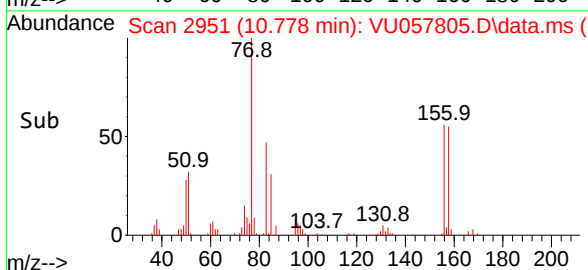
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

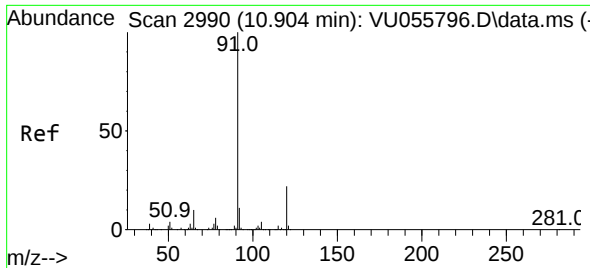


#72
Bromobenzene
Concen: 5.196 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24



Tgt Ion:156 Resp: 63407
Ion Ratio Lower Upper
156 100
77 177.5 0.0 343.0
158 98.4 0.0 194.8





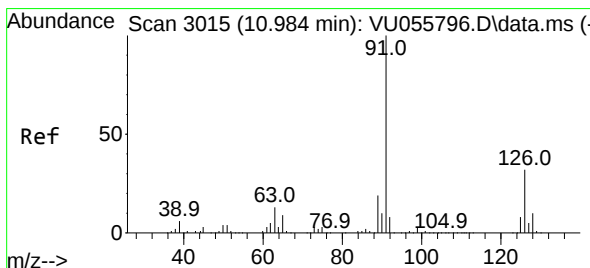
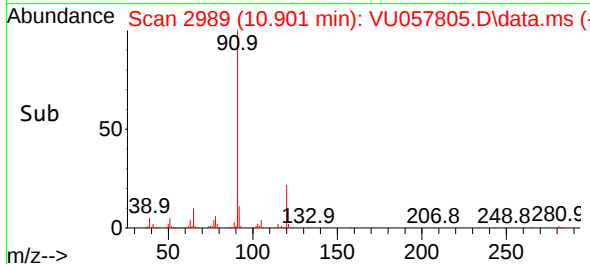
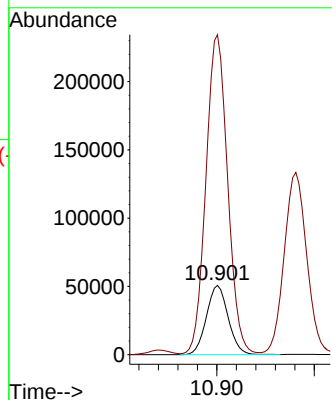
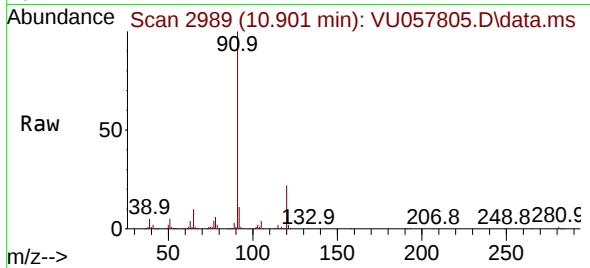
#73
n-propylbenzene
Concen: 5.576 ug/l
RT: 10.901 min Scan# 2990
Delta R.T. 0.000 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:120 Resp: 7858
Ion Ratio Lower Upper
120 100
91 458.3 369.8 554.6

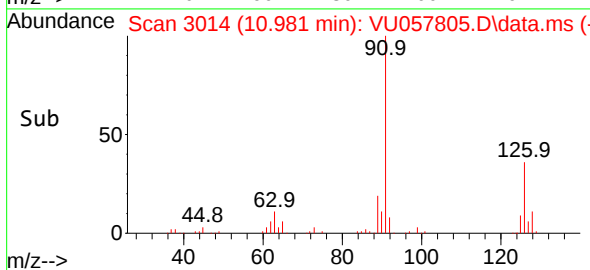
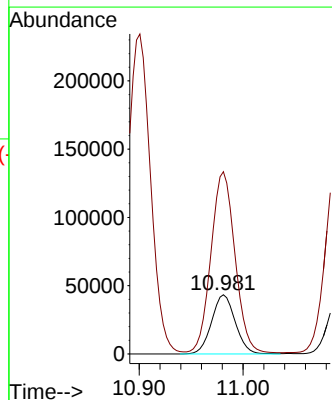
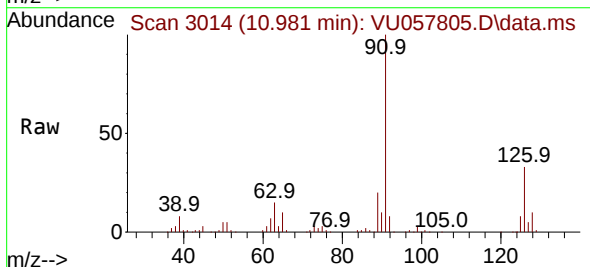
Manual Integrations
APPROVED

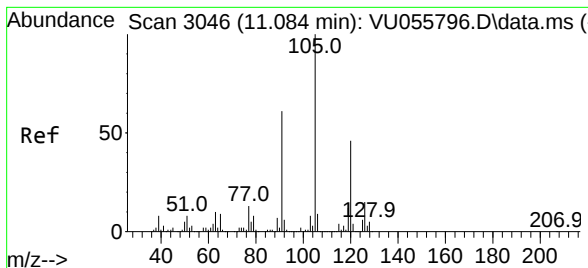
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#74
2-Chlorotoluene
Concen: 5.285 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.000 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

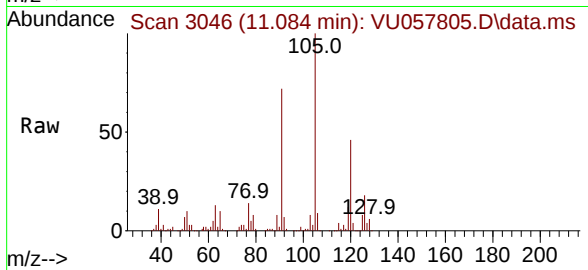
Tgt Ion:126 Resp: 68450
Ion Ratio Lower Upper
126 100
91 311.5 0.0 610.0





#75
1,3,5-Trimethylbenzene
Concen: 5.273 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

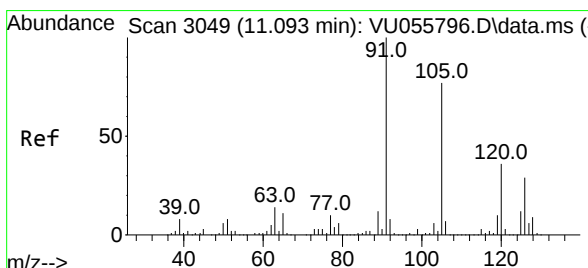
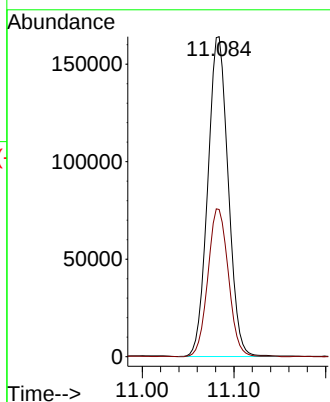
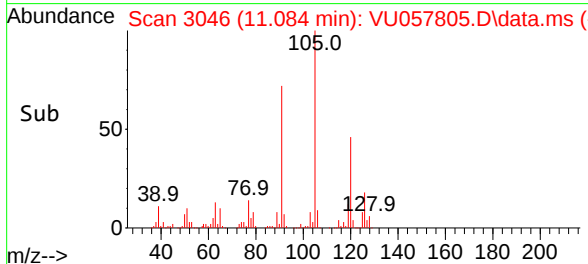
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



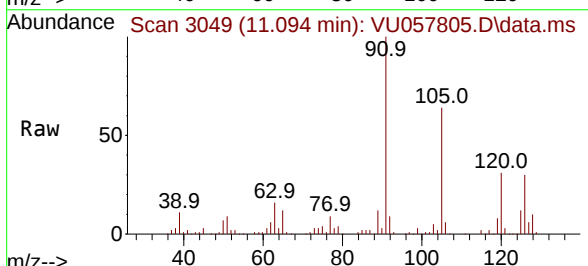
Tgt Ion:105 Resp: 253390
Ion Ratio Lower Upper
105 100
120 46.5 37.8 56.8

Manual Integrations
APPROVED

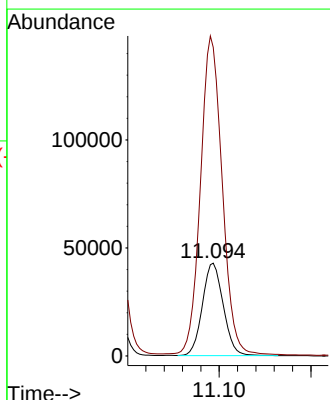
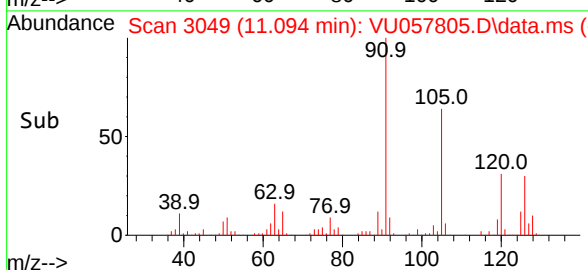
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

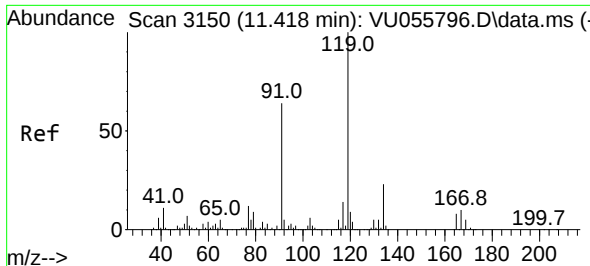


#76
4-Chlorotoluene
Concen: 5.208 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24



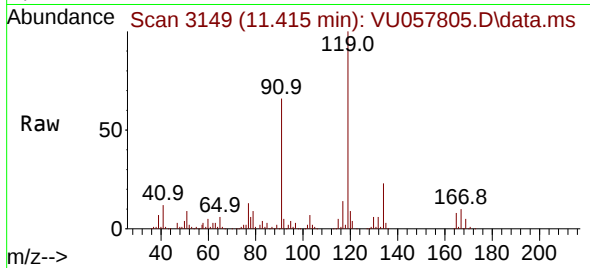
Tgt Ion:126 Resp: 67987
Ion Ratio Lower Upper
126 100
91 359.6 0.0 686.2





#77
tert-Butylbenzene
Concen: 5.418 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

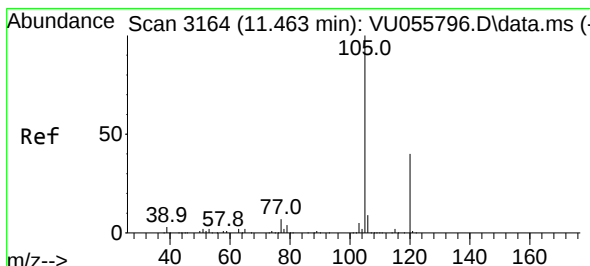
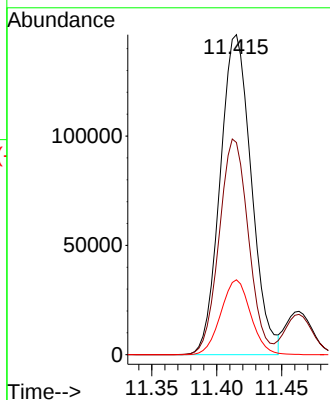
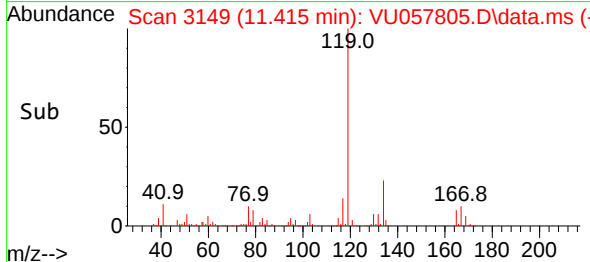
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



Tgt Ion:119 Resp: 244699
Ion Ratio Lower Upper
119 100
91 63.5 30.8 92.4
134 22.3 18.0 27.0

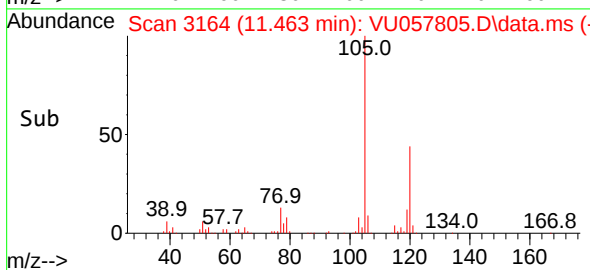
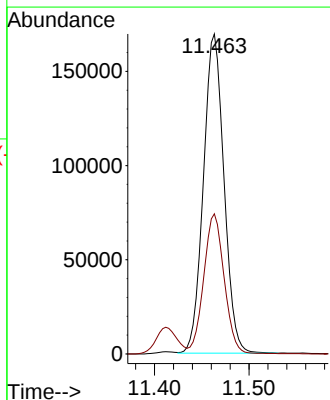
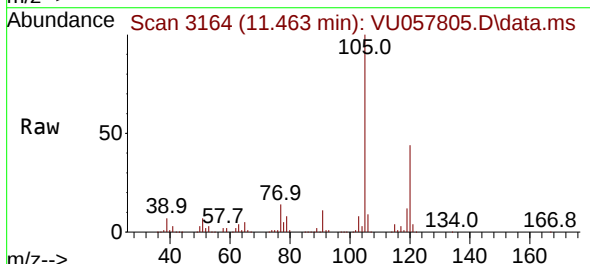
Manual Integrations
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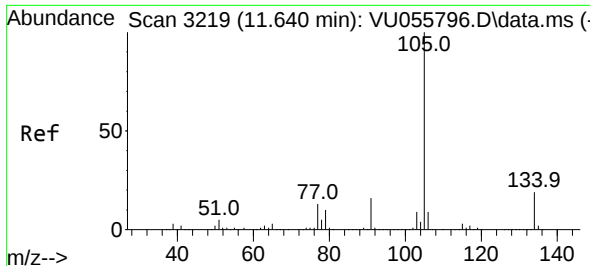
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#78
1,2,4-Trimethylbenzene
Concen: 5.251 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

Tgt Ion:105 Resp: 255815
Ion Ratio Lower Upper
105 100
120 43.5 21.9 65.8





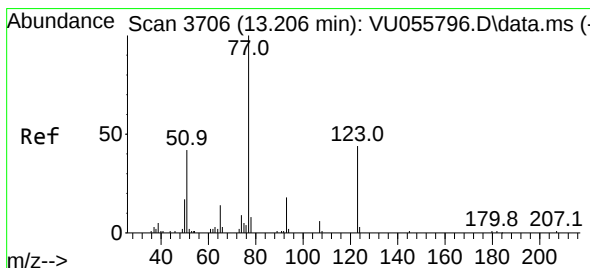
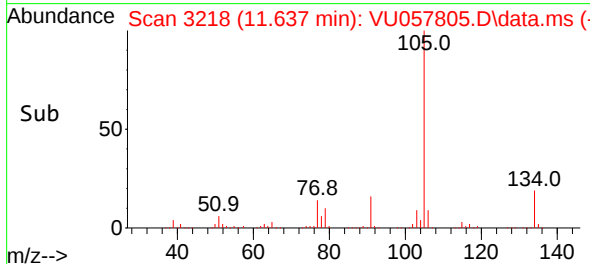
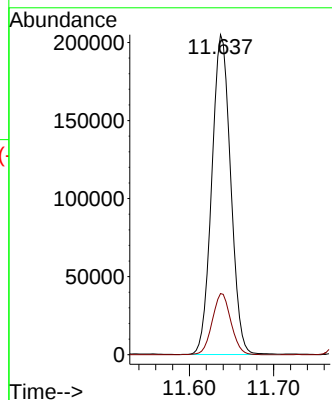
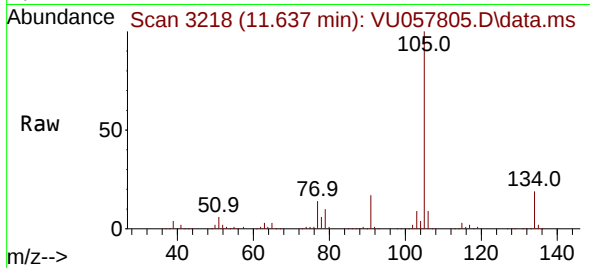
#79
 sec-Butylbenzene
 Concen: 5.468 ug/l
 RT: 11.637 min Scan# 318400
 Delta R.T. -0.003 min
 Lab File: VU057805.D
 Acq: 05 Feb 2024 13:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 318400
 Ion Ratio Lower Upper
 105 100
 134 18.9 14.9 22.3

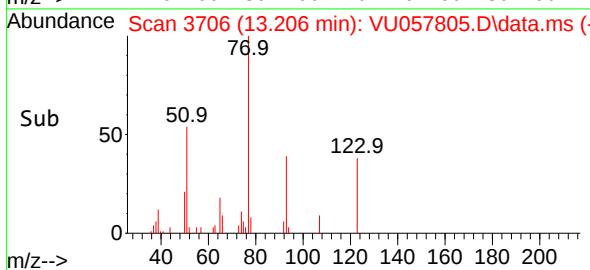
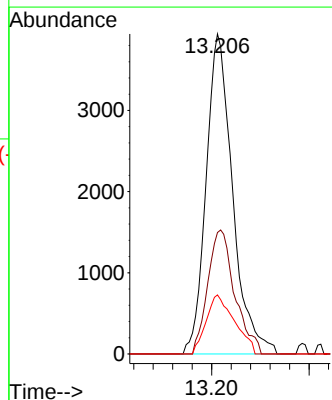
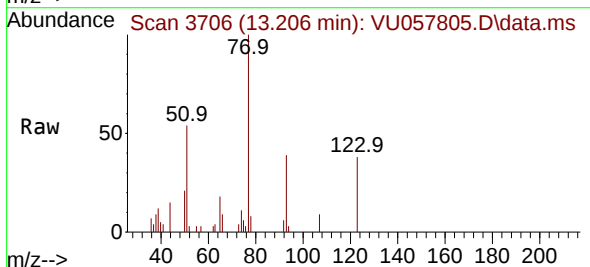
Manual Integrations
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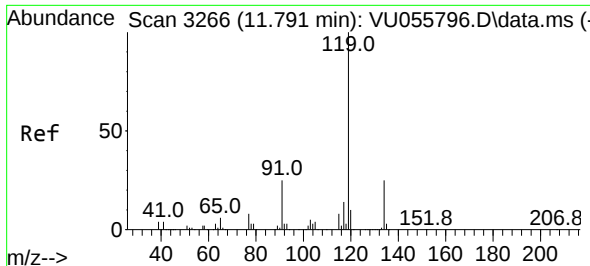
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024



#80
 Nitrobenzene
 Concen: 35.205 ug/l
 RT: 13.206 min Scan# 3706
 Delta R.T. 0.000 min
 Lab File: VU057805.D
 Acq: 05 Feb 2024 13:24

Tgt Ion: 77 Resp: 7432
 Ion Ratio Lower Upper
 77 100
 123 39.6 19.7 69.7
 65 19.7 11.5 14.7#





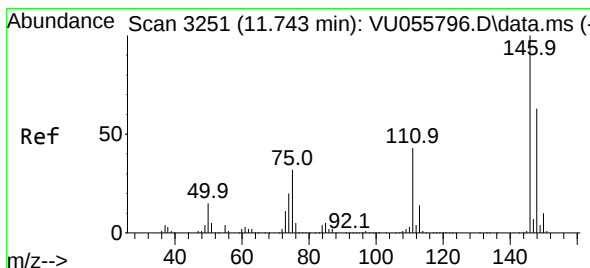
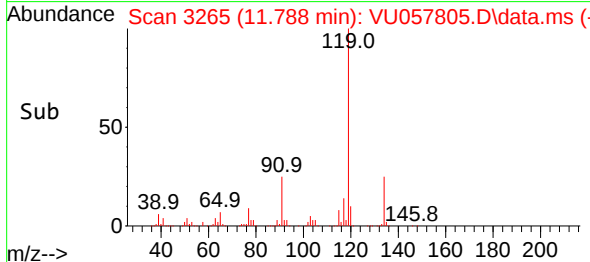
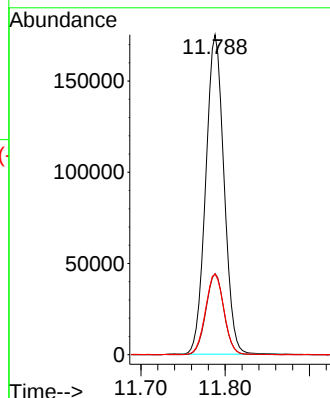
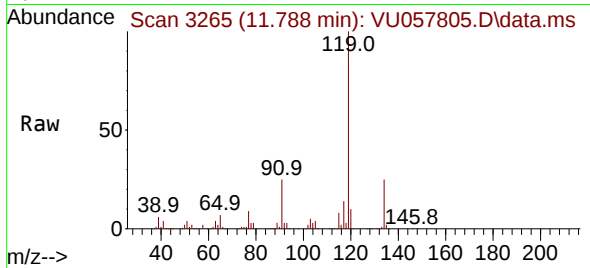
#81
p-Isopropyltoluene
Concen: 5.434 ug/l
RT: 11.788 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 264418
Ion Ratio Lower Upper
119 100
134 25.1 20.2 30.4
91 25.5 19.3 28.9

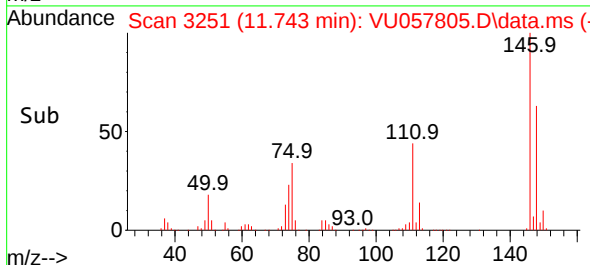
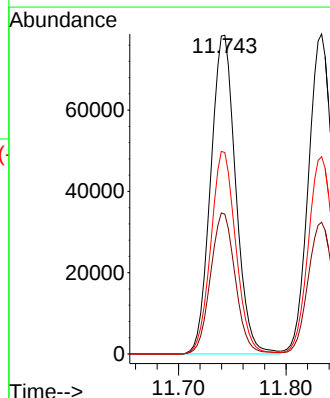
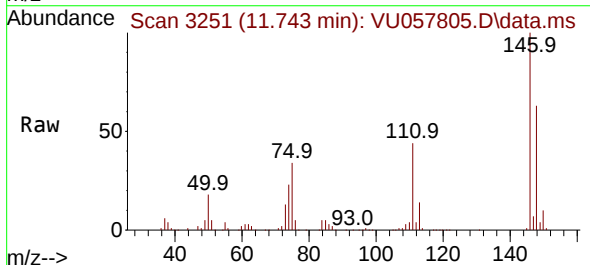
Manual Integrations
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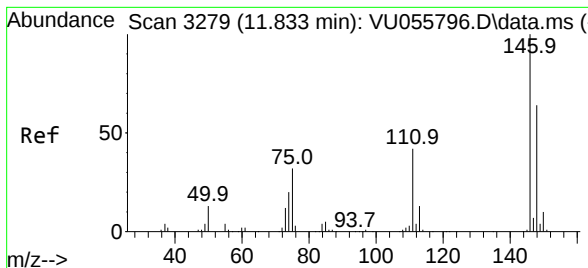
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#82
1,3-Dichlorobenzene
Concen: 5.132 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

Tgt Ion:146 Resp: 126896
Ion Ratio Lower Upper
146 100
111 43.8 32.6 49.0
148 63.5 51.0 76.4





#83

1,4-Dichlorobenzene

Concen: 5.217 ug/l

RT: 11.833 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU057805.D

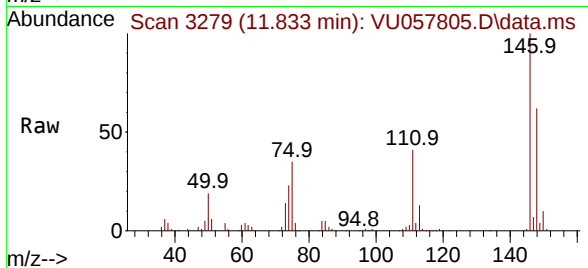
Acq: 05 Feb 2024 13:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005



Tgt Ion:146 Resp: 126370

Ion Ratio Lower Upper

146 100

111 42.1 31.6 47.4

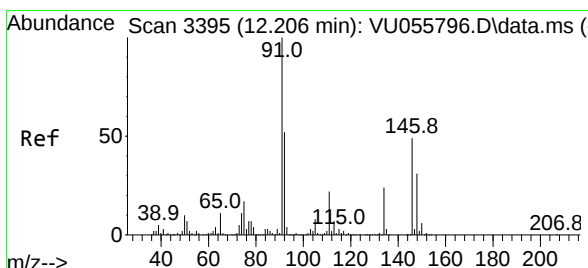
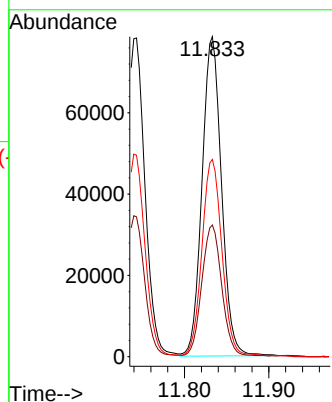
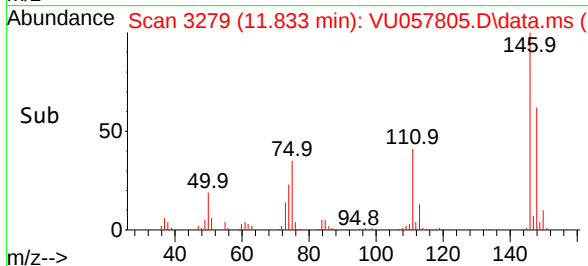
148 64.4 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#84

n-Butylbenzene

Concen: 5.393 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. -0.003 min

Lab File: VU057805.D

Acq: 05 Feb 2024 13:24

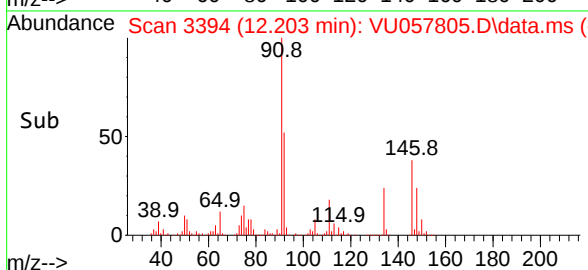
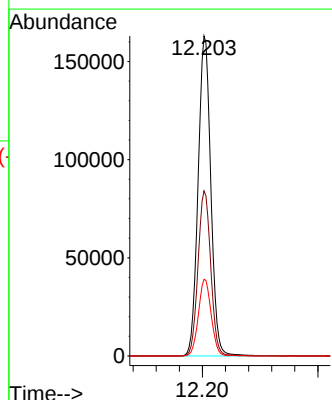
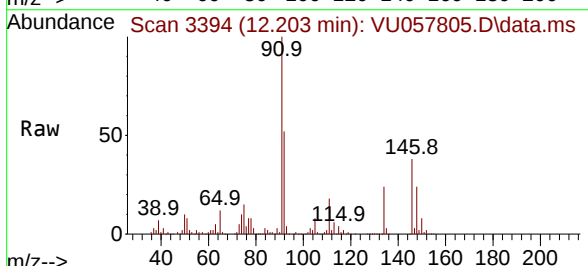
Tgt Ion: 91 Resp: 249244

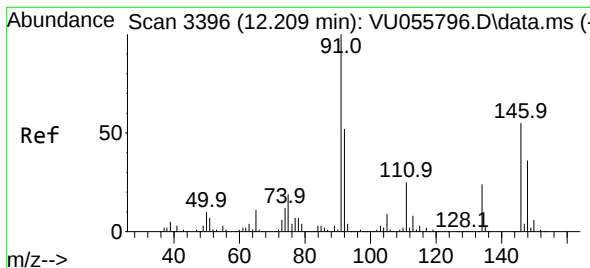
Ion Ratio Lower Upper

91 100

92 51.5 40.8 61.2

134 23.9 18.4 27.6





#85

1,2-Dichlorobenzene

Concen: 5.219 ug/l

RT: 12.209 min Scan# 3396

Delta R.T. -0.003 min

Lab File: VU057805.D

Acq: 05 Feb 2024 13:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 117870

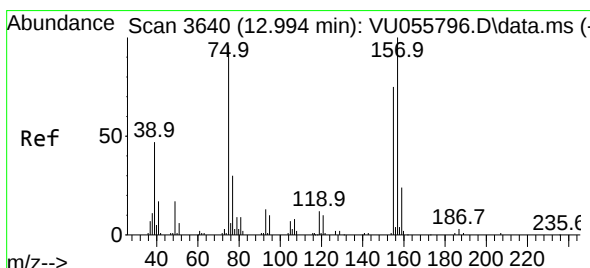
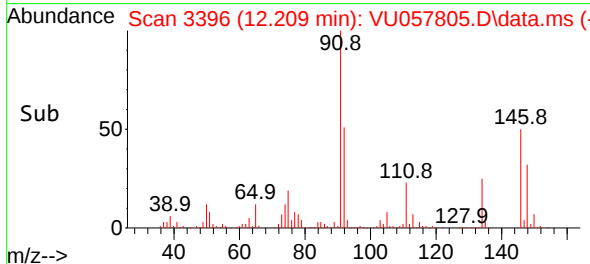
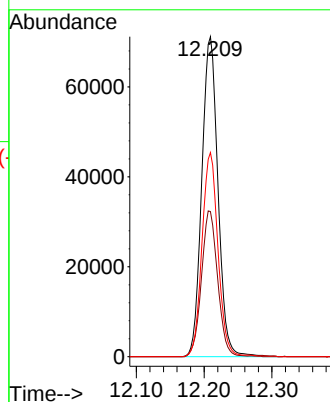
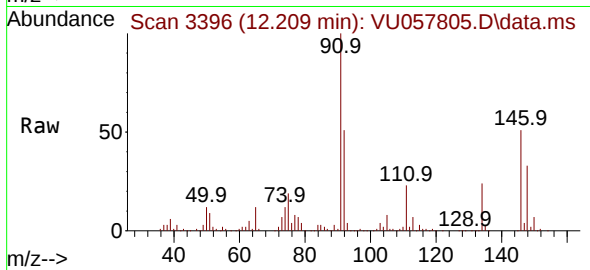
Ion	Ratio	Lower	Upper
146	100		
111	45.6	21.6	64.6
148	63.2	32.1	96.5

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: 6.247 ug/l

RT: 12.994 min Scan# 3640

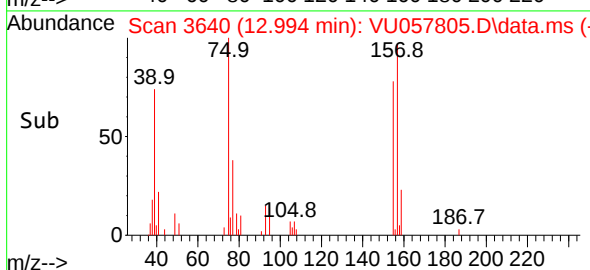
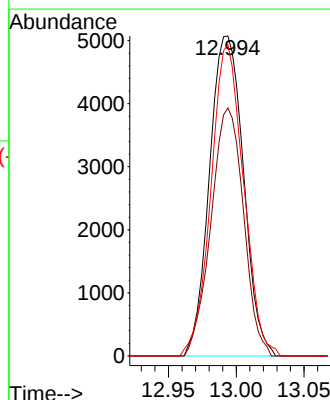
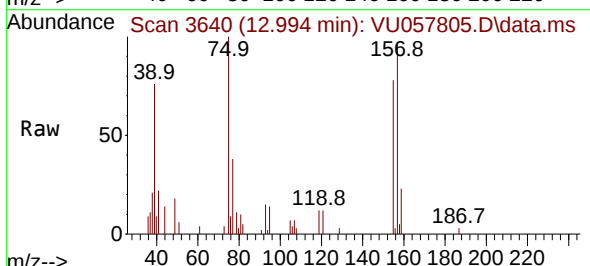
Delta R.T. 0.000 min

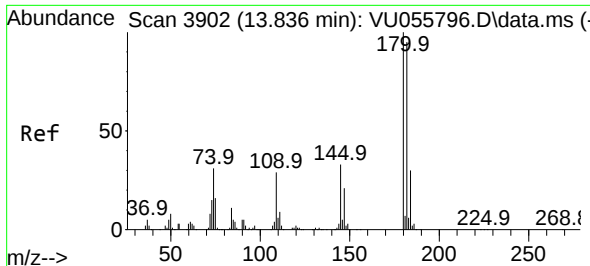
Lab File: VU057805.D

Acq: 05 Feb 2024 13:24

Tgt Ion: 75 Resp: 8847

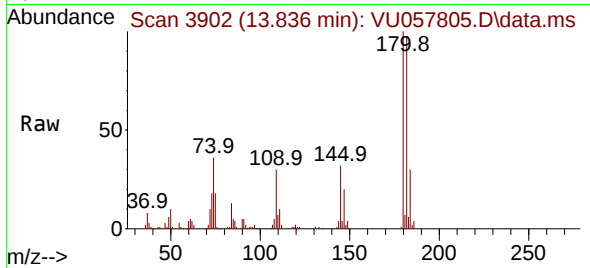
Ion	Ratio	Lower	Upper
75	100		
155	74.1	61.8	92.8
157	93.2	80.2	120.4





#87
1,2,4-Trichlorobenzene
Concen: 5.360 ug/l
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

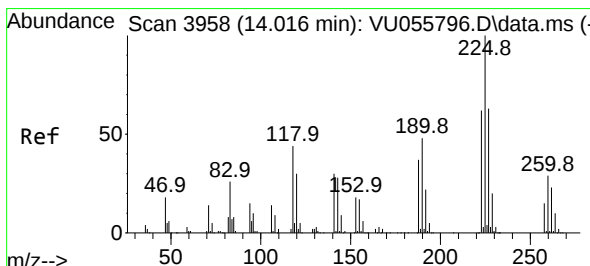
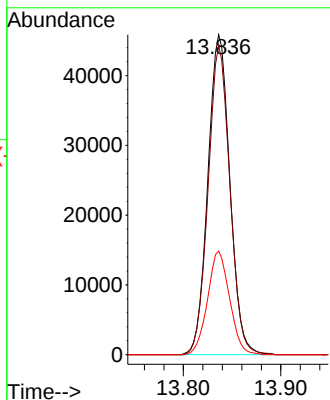
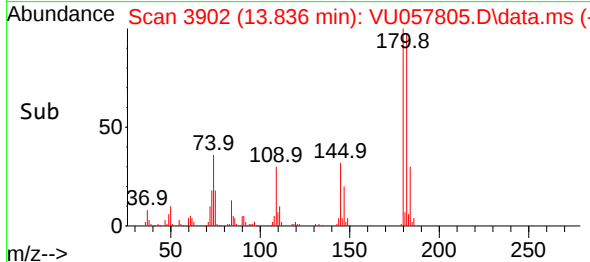
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



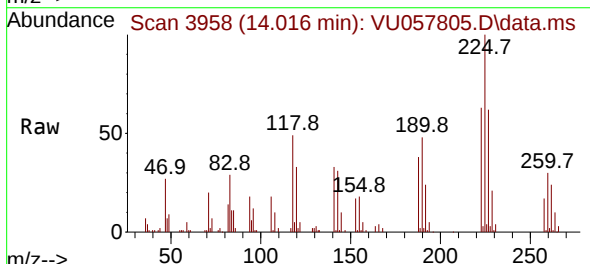
Tgt Ion:180 Resp: 7191
Ion Ratio Lower Upper
180 100
182 95.6 75.8 113.6
145 32.4 23.9 35.9

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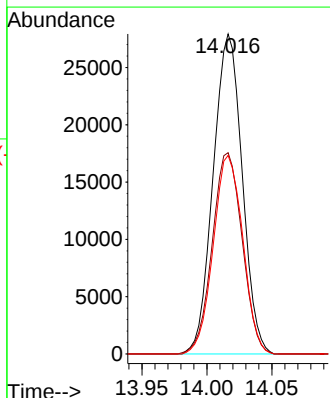
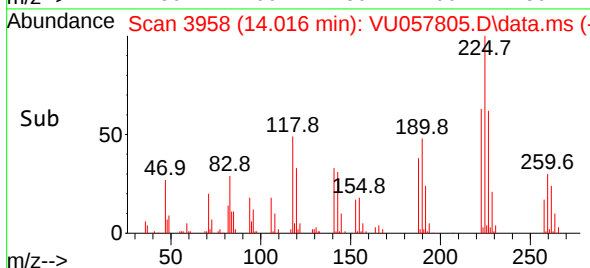
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

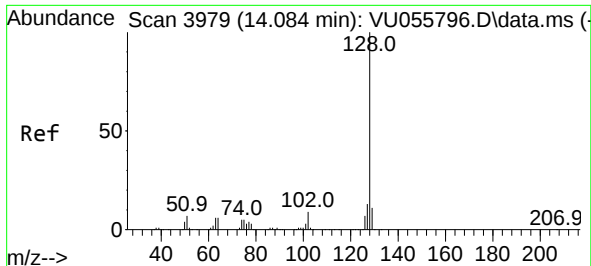


#88
Hexachlorobutadiene
Concen: 5.027 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24



Tgt Ion:225 Resp: 43373
Ion Ratio Lower Upper
225 100
223 64.8 50.2 75.4
227 63.1 51.5 77.3





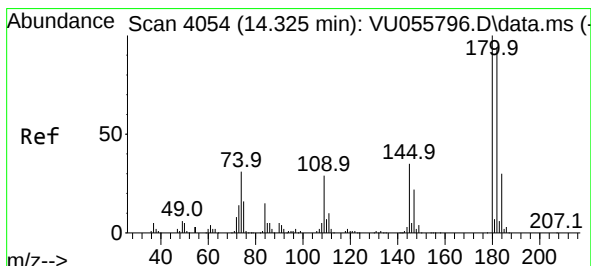
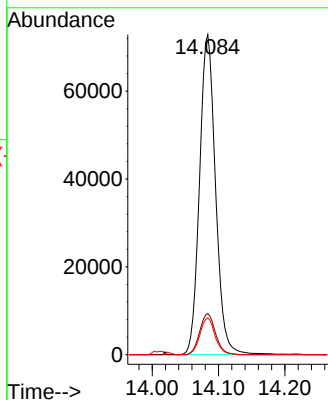
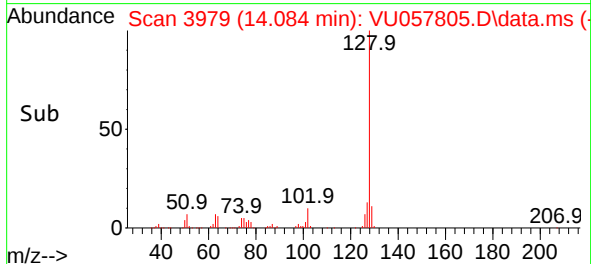
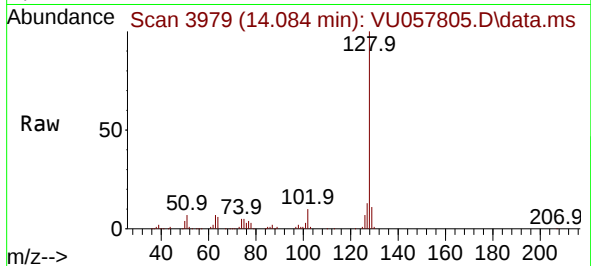
#89
Naphthalene
Concen: 5.895 ug/l
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:128 Resp: 122292
Ion Ratio Lower Upper
128 100
127 12.7 10.9 16.3
129 10.9 8.6 12.8

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 5.273 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU057805.D
Acq: 05 Feb 2024 13:24

Tgt Ion:180 Resp: 59457
Ion Ratio Lower Upper
180 100
182 97.0 75.7 113.5
145 36.6 26.1 39.1

