

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041024\
 Data File : VN081687.D
 Acq On : 10 Apr 2024 17:41
 Operator : JC\MD
 Sample : VN0410WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0410WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/11/2024
 Supervised By : Mahesh Dadoda 04/11/2024

Quant Time: Apr 11 09:27:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	28699	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	216120	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	273773	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	107912	30.608	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.033%			
60) 4-Bromofluorobenzene	12.853	95	158650	29.475	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.267%			
63) Toluene-d8	10.571	98	329014	29.960	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.867%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	80757	20.139	ug/l	99
3) Chloromethane	2.365	50	80410	23.112	ug/l	98
4) Vinyl Chloride	2.518	62	69733	19.492	ug/l	98
5) Bromomethane	2.959	94	58303	19.243	ug/l	99
6) Chloroethane	3.124	64	56203	20.072	ug/l	95
7) Trichlorofluoromethane	3.500	101	143318	24.401	ug/l	99
8) Diethyl Ether	3.959	74	43303	19.767	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	83074	20.616	ug/l	87
10) 1,1-Dichloroethene	4.342	96	74046	20.036	ug/l	94
11) Methyl Iodide	4.589	142	80183	19.159	ug/l	98
12) Methyl Acetate	5.024	43	69773	20.561	ug/l #	85
13) Acrolein	4.177	56	40844	91.388	ug/l #	62
14) Acrylonitrile	5.718	53	174783	103.472	ug/l	92
15) Acetone	4.430	58	40429	108.821	ug/l	81
16) Carbon Disulfide	4.712	76	208103	19.803	ug/l #	95
17) Allyl chloride	5.024	41	86454	19.338	ug/l	93
18) Methylene Chloride	5.277	84	86486	20.324	ug/l	86
19) trans-1,2-Dichloroethene	5.789	96	79364	19.583	ug/l	94
20) Diisopropyl ether	6.677	45	220649	20.731	ug/l	92
21) 1,1-Dichloroethane	6.571	63	143739	20.255	ug/l	95
22) cis-1,2-Dichloroethene	7.483	96	95481	19.510	ug/l	98
23) tert-Butyl Alcohol	5.518	59	65179	108.696	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	239569	20.727	ug/l	96
25) Chloroform	7.965	83	162515	20.127	ug/l	98
26) Cyclohexane	8.265	56	112766	19.822	ug/l #	82
29) 1,1-Dichloropropene	8.377	75	108227	19.048	ug/l	99
30) 2-Butanone	7.483	43	211597	97.513	ug/l	99
31) 2,2-Dichloropropane	7.488	77	131527	18.585	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	148244	18.931	ug/l	97
33) Carbon Tetrachloride	8.365	117	131545	18.532	ug/l	91
34) Benzene	8.606	78	347070	18.962	ug/l	98
35) Methacrylonitrile	7.777	41	49705	20.223	ug/l	90
36) 1,2-Dichloroethane	8.671	62	112070	18.667	ug/l	99
37) Trichloroethene	9.353	130	88658	18.305	ug/l	96
38) Methylcyclohexane	9.600	83	127826	18.406	ug/l	96
39) 1,2-Dichloropropane	9.624	63	81356	19.053	ug/l	96
40) Dibromomethane	9.712	93	63152	18.567	ug/l	95
41) Bromodichloromethane	9.888	83	127362	18.362	ug/l	97
42) Vinyl Acetate	6.606	43	844730	93.448	ug/l	96

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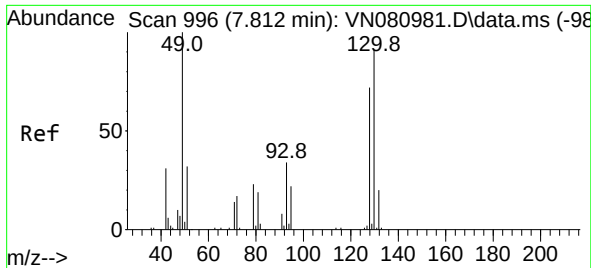
Manual Integrations
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 Supervised By : Mahesh Dadoda 04/11/2024

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	86972	18.186	ug/l	97
44) Isopropyl Acetate	8.688	43	149169	18.616	ug/l	98
45) 1,4-Dioxane	9.694	88	34615	391.326	ug/l	94
46) Methyl methacrylate	9.682	41	68546	19.022	ug/l	92
47) n-amyl Acetate	12.494	43	133272	18.535	ug/l	98
48) t-1,3-Dichloropropene	10.841	75	124334	18.815	ug/l	96
49) cis-1,3-Dichloropropene	10.312	75	131220	18.439	ug/l	92
50) 1,1,2-Trichloroethane	11.018	97	84525	18.559	ug/l	92
51) Ethyl methacrylate	10.876	69	119642	18.866	ug/l	94
52) 1,3-Dichloropropane	11.165	76	139469	18.682	ug/l	99
53) Dibromochloromethane	11.365	129	102310	18.805	ug/l	99
54) 1,2-Dibromoethane	11.470	107	89716	19.057	ug/l	100
55) 2-Chloroethyl vinyl ether	10.165	63	273865	87.941	ug/l	98
56) Bromoform	12.576	173	63372	18.216	ug/l #	97
58) 4-Methyl-2-Pentanone	10.447	43	478765	101.690	ug/l	93
59) 2-Hexanone	11.200	43	356683	100.877	ug/l	93
61) Tetrachloroethene	11.106	164	97306	19.182	ug/l	96
62) Toluene	10.629	91	389407	19.551	ug/l	97
64) Chlorobenzene	11.894	112	244977	19.397	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.965	131	88545	19.300	ug/l	98
66) Ethyl Benzene	11.965	91	406922	19.216	ug/l	97
67) m/p-Xylenes	12.070	106	328044	39.108	ug/l	95
68) o-Xylene	12.400	106	156820	19.693	ug/l	93
69) Styrene	12.412	104	258345	19.050	ug/l	97
70) Isopropylbenzene	12.694	105	400038	19.473	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	108818	20.277	ug/l	96
72) 1,2,3-Trichloropropane	12.994	75	83573m	16.821	ug/l	
73) Bromobenzene	12.982	156	99549	19.556	ug/l	87
74) n-propylbenzene	13.035	91	473727	19.264	ug/l	100
75) 2-Chlorotoluene	13.129	91	284649	19.429	ug/l	94
76) 1,3,5-Trimethylbenzene	13.176	105	334153	19.164	ug/l	97
77) t-1,4-Dichloro-2-butene	12.735	75	39279	19.090	ug/l	97
78) 4-Chlorotoluene	13.223	91	283276	19.495	ug/l	94
79) tert-butylbenzene	13.441	119	287564	19.385	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	343876	19.775	ug/l	98
81) sec-Butylbenzene	13.617	105	410375	19.182	ug/l	99
82) p-Isopropyltoluene	13.729	119	346644	19.320	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	184913	19.437	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	175865	19.097	ug/l	97
85) n-Butylbenzene	14.059	91	278294	18.414	ug/l	98
86) Hexachloroethane	14.335	117	65568	19.128	ug/l	83
87) 1,2-Dichlorobenzene	14.106	146	181809	20.077	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.723	75	22097	18.888	ug/l	94
89) 1,2,4-Trichlorobenzene	15.841	180	90195	18.172	ug/l	97
90) Hexachlorobutadiene	15.500	225	35792	17.995	ug/l	94
91) Naphthalene	15.641	128	294122	18.432	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	90195	18.172	ug/l	97

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



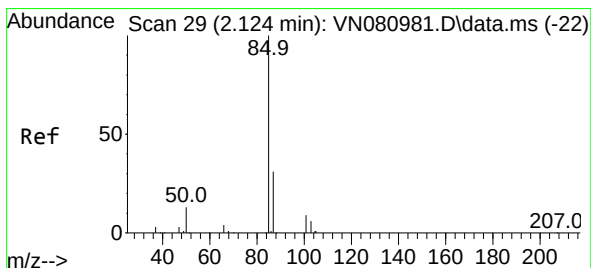
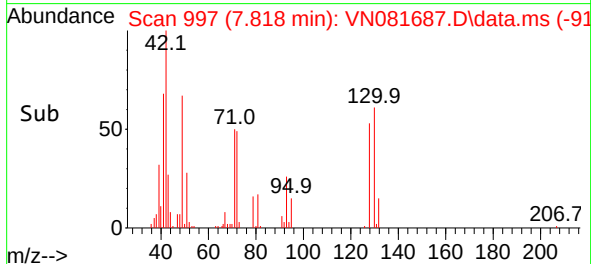
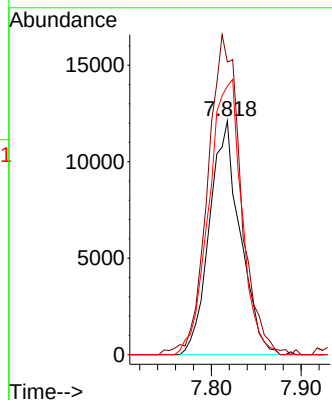
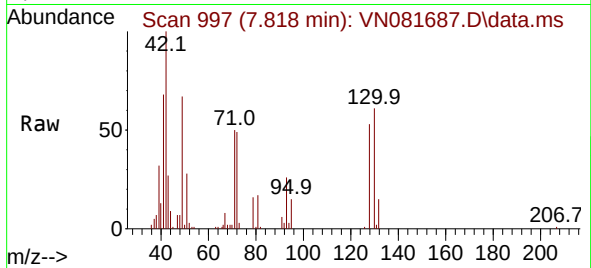
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

Instrument :
MSVOA_N
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VN0410WBS02

Tgt Ion:128 Resp: 28699
Ion Ratio Lower Upper
128 100
49 145.7 0.0 403.7
130 126.3 0.0 323.3

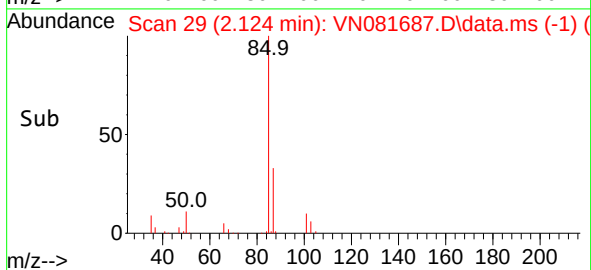
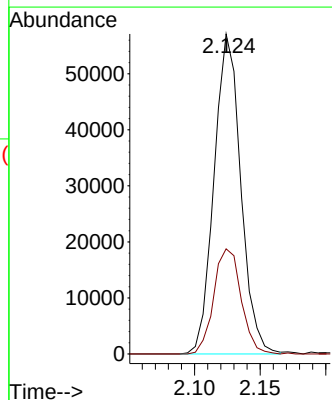
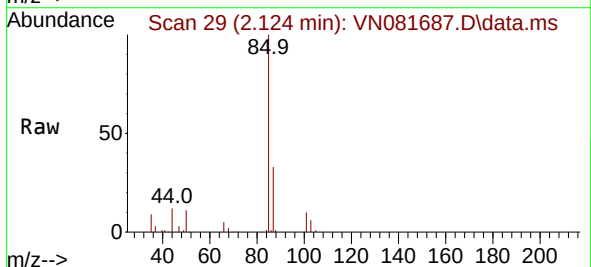
Manual Integrations
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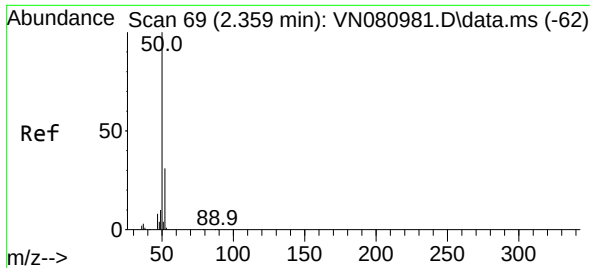
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#2
Dichlorodifluoromethane
Concen: 20.139 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

Tgt Ion: 85 Resp: 80757
Ion Ratio Lower Upper
85 100
87 32.9 16.8 50.3





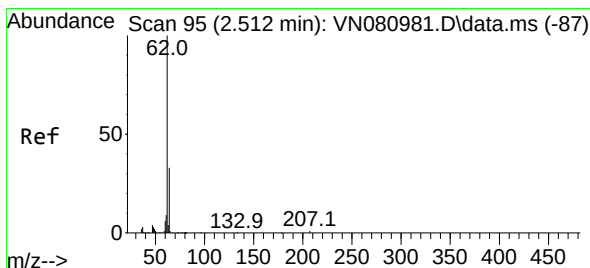
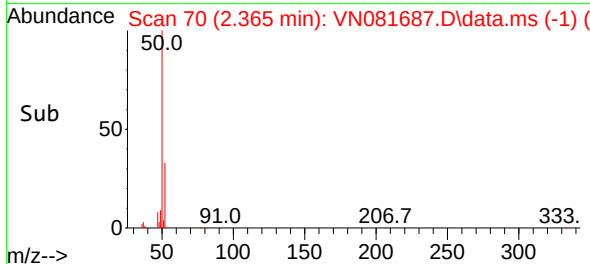
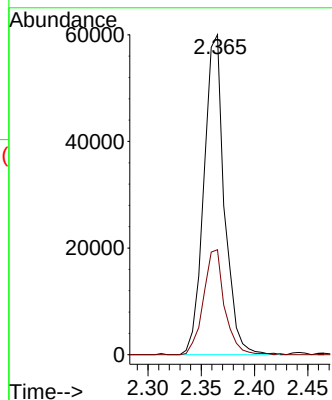
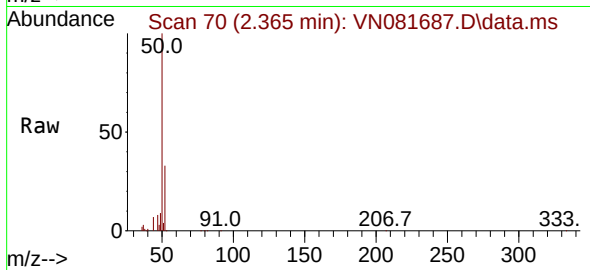
#3
Chloromethane
Concen: 23.112 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

Instrument :
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ClientSampleId :
VN0410WBS02

Tgt Ion: 50 Resp: 80410
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.0

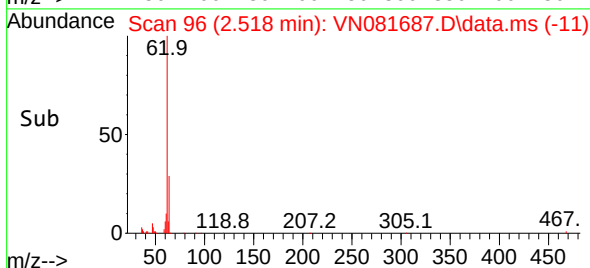
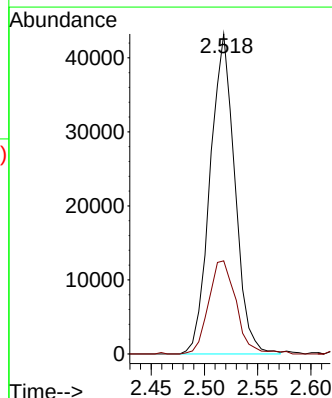
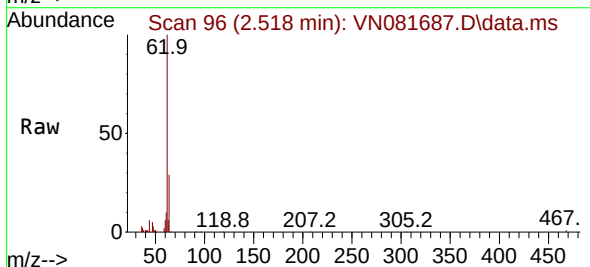
Manual Integrations
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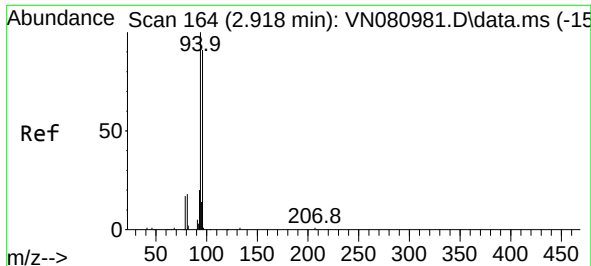
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#4
Vinyl Chloride
Concen: 19.492 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

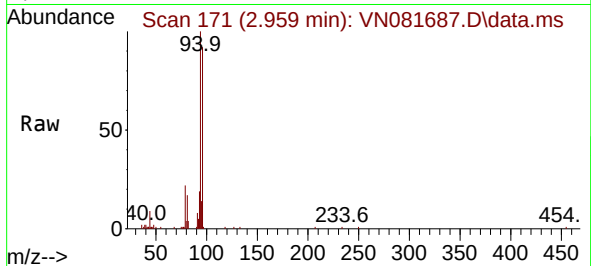
Tgt Ion: 62 Resp: 69733
Ion Ratio Lower Upper
62 100
64 29.1 24.1 36.1





#5
Bromomethane
Concen: 19.243 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

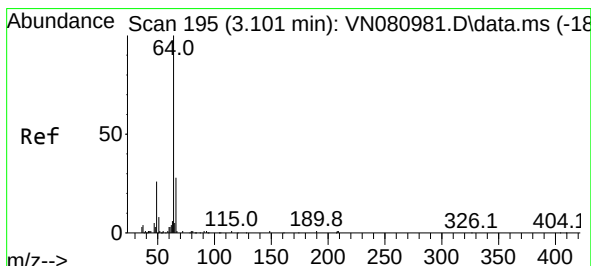
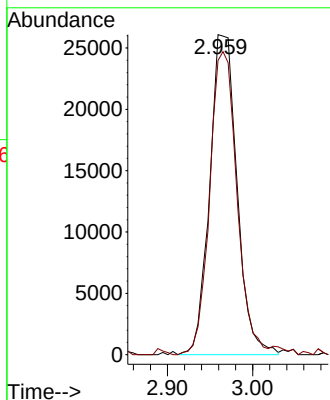
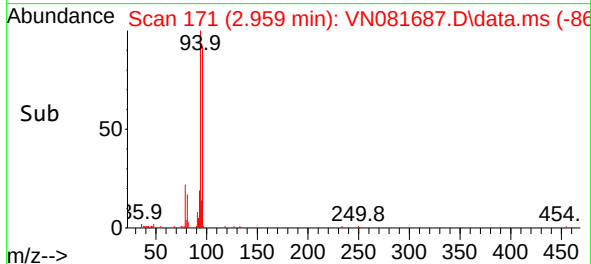
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS02



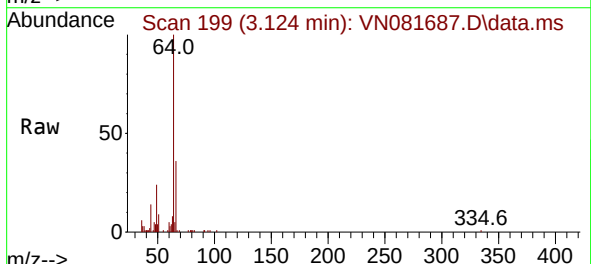
Tgt Ion: 94 Resp: 5830
Ion Ratio Lower Upper
94 100
96 92.0 72.8 109.2

Manual Integrations
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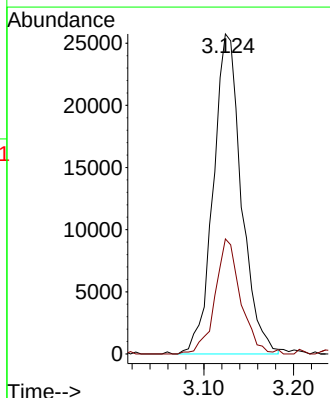
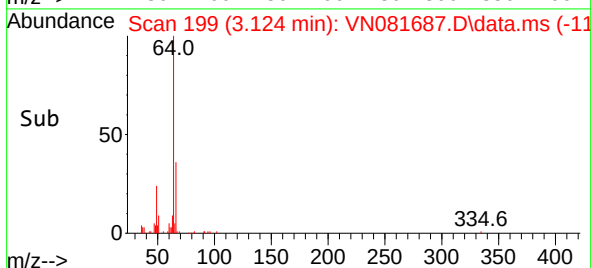
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Supervised By :Mahesh Dadoda 04/11/2024

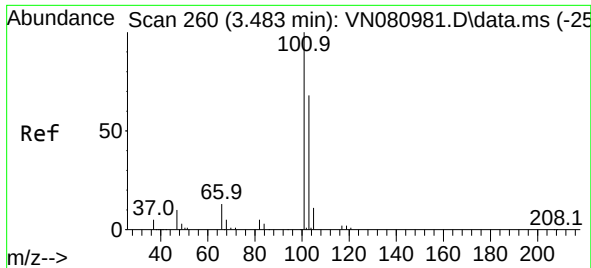


#6
Chloroethane
Concen: 20.072 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41



Tgt Ion: 64 Resp: 56203
Ion Ratio Lower Upper
64 100
66 36.0 26.7 40.1





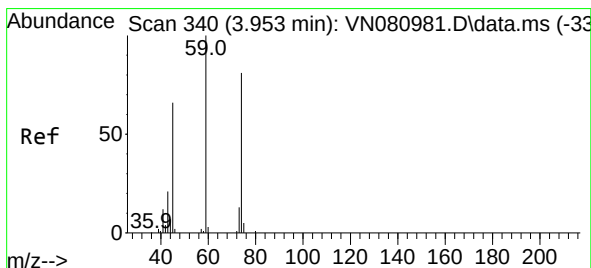
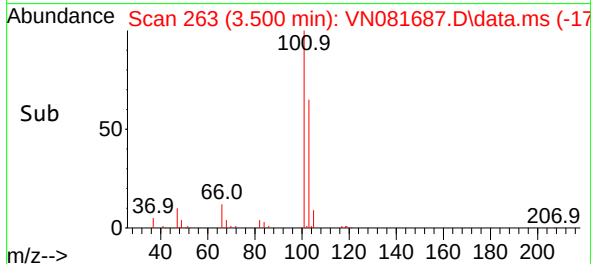
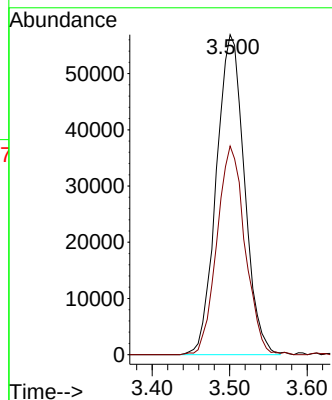
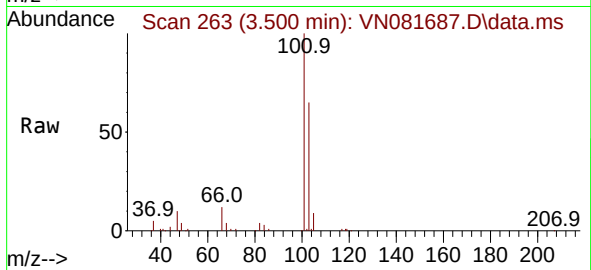
#7
 Trichlorofluoromethane
 Concen: 24.401 ug/l
 RT: 3.500 min Scan# 260
 Delta R.T. -0.000 min
 Lab File: VN081687.D
 Acq: 10 Apr 2024 17:41

Instrument :
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Tgt Ion:101 Resp: 143318
 Ion Ratio Lower Upper
 101 100
 103 65.2 53.0 79.4

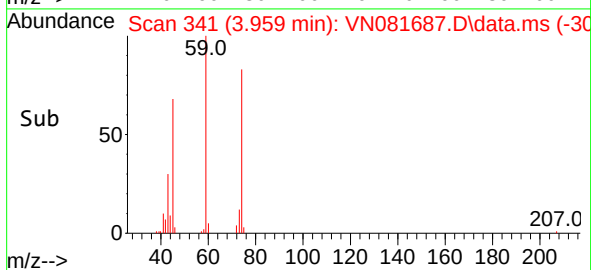
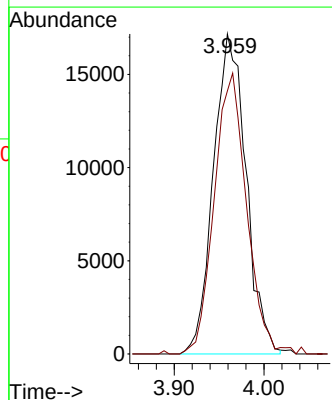
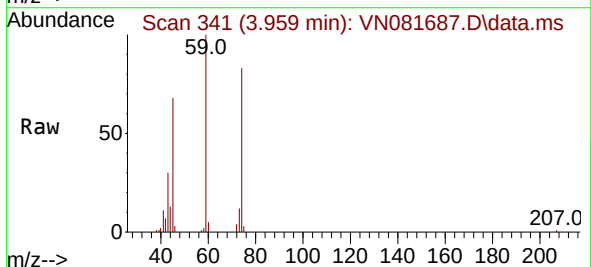
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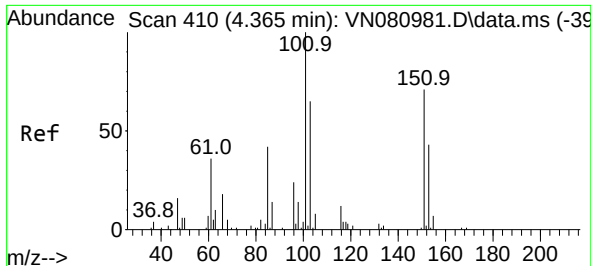
Reviewed By :John Carlone 04/11/2024
 Supervised By :Mahesh Dadoda 04/11/2024



#8
 Diethyl Ether
 Concen: 19.767 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN081687.D
 Acq: 10 Apr 2024 17:41

Tgt Ion: 74 Resp: 43303
 Ion Ratio Lower Upper
 74 100
 45 86.3 16.4 147.4





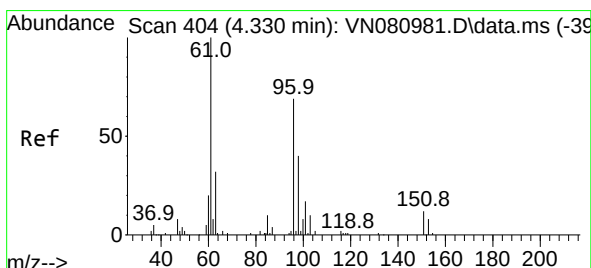
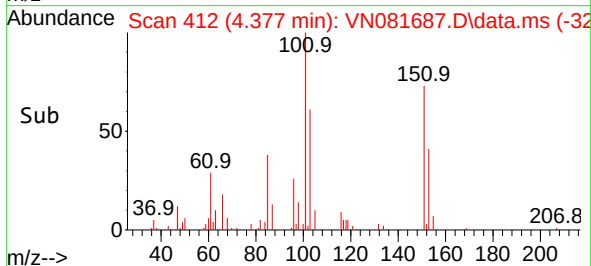
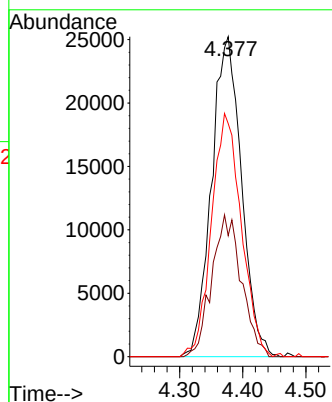
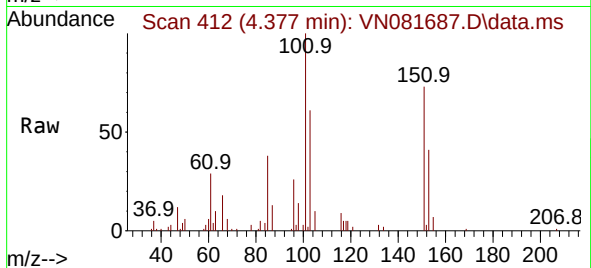
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 1,1,2-Trichlorotrifluoroethane
 Concen: 20.616 ug/l
 RT: 4.377 min Scan# 410
 Delta R.T. -0.000 min
 Lab File: VN081687.D
 Acq: 10 Apr 2024 17:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0410WBS02

Tgt Ion:101 Resp: 83074
 Ion Ratio Lower Upper
 101 100
 85 25.5 0.0 90.6
 151 75.6 0.0 157.6

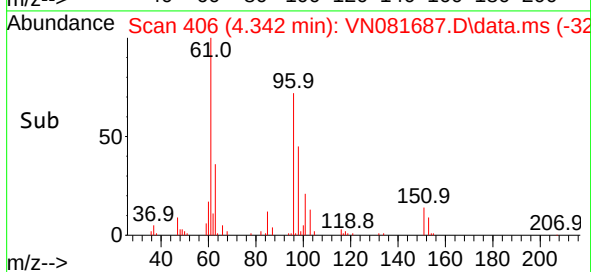
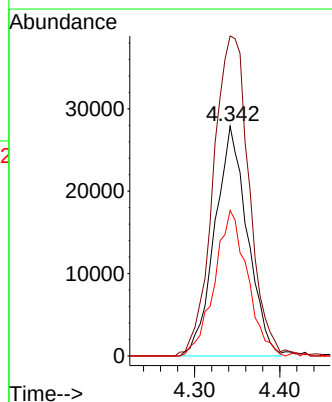
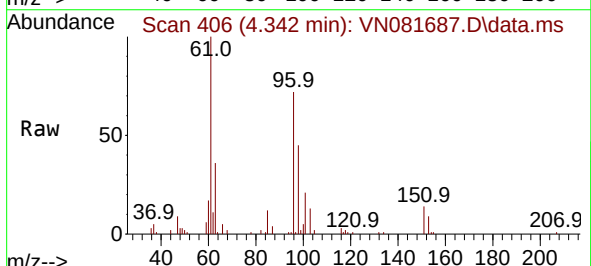
Manual Integrations
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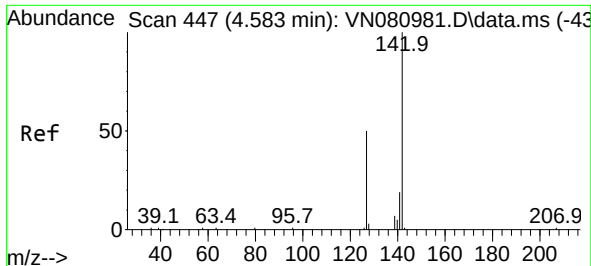
Reviewed By :John Carlone 04/11/2024
 Supervised By :Mahesh Dadoda 04/11/2024



#10
 1,1-Dichloroethene
 Concen: 20.036 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. -0.000 min
 Lab File: VN081687.D
 Acq: 10 Apr 2024 17:41

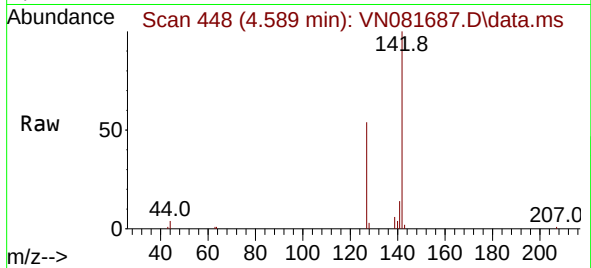
Tgt Ion: 96 Resp: 74046
 Ion Ratio Lower Upper
 96 100
 61 137.6 117.6 176.4
 98 63.3 48.4 72.6





#11
Methyl Iodide
Concen: 19.159 ug/l
RT: 4.589 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

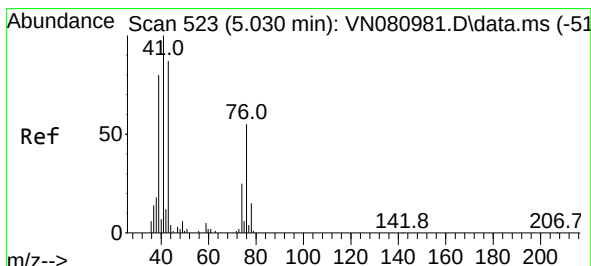
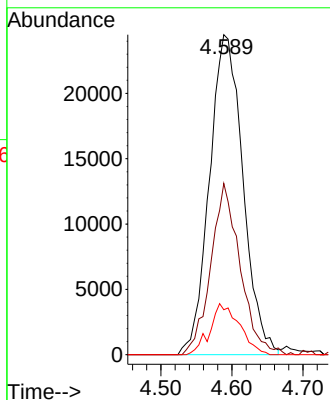
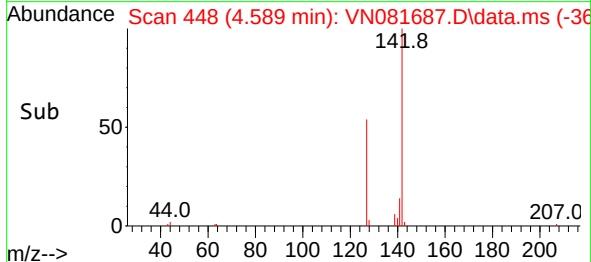
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS02



Tgt Ion:142 Resp: 8018
Ion Ratio Lower Upper
142 100
127 52.9 26.3 78.9
141 14.2 8.3 24.9

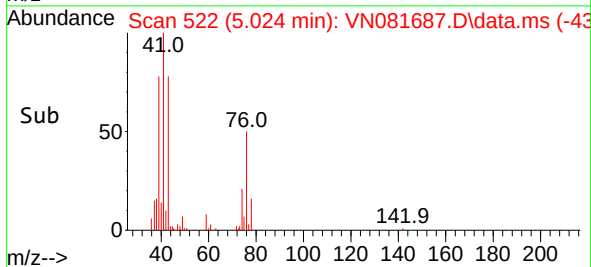
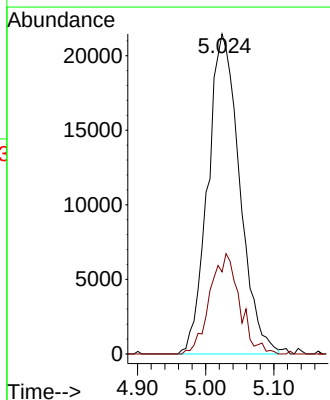
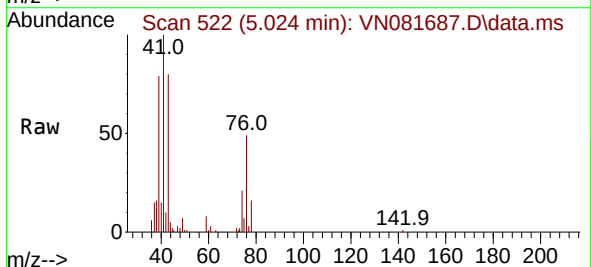
Manual Integrations
APPROVED

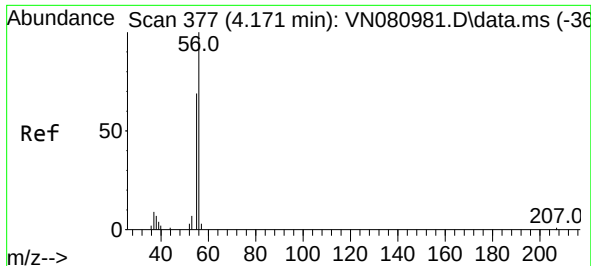
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#12
Methyl Acetate
Concen: 20.561 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

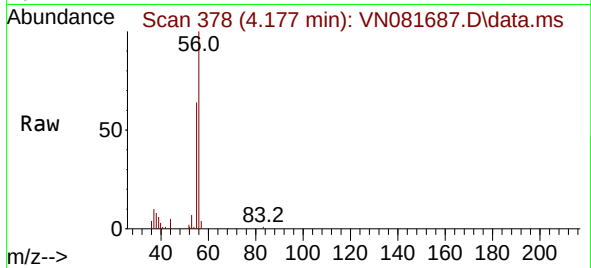
Tgt Ion: 43 Resp: 69773
Ion Ratio Lower Upper
43 100
74 25.8 27.7 41.5#





#13
Acrolein
Concen: 91.388 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

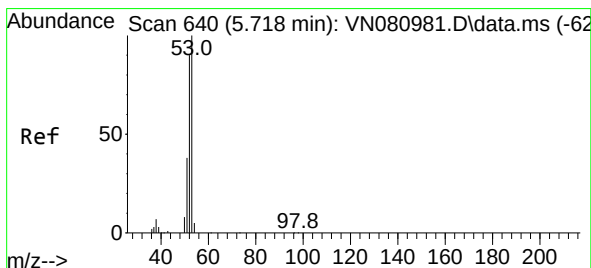
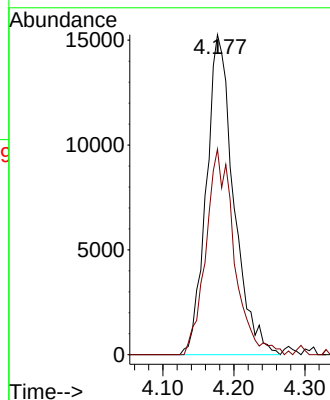
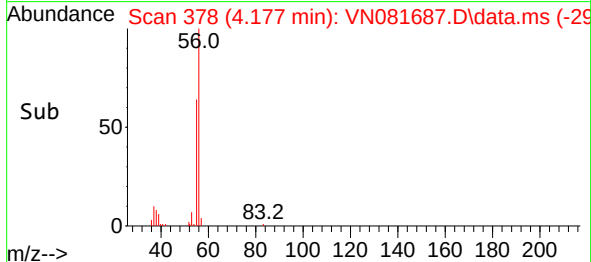
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS02



Tgt Ion: 56 Resp: 40844
Ion Ratio Lower Upper
56 100
55 38.5 55.5 83.3

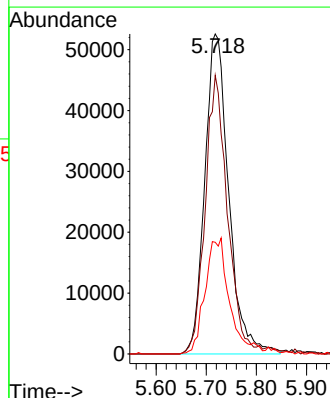
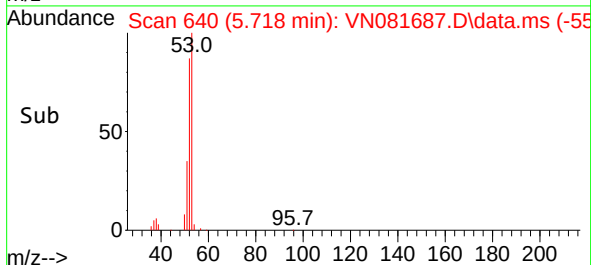
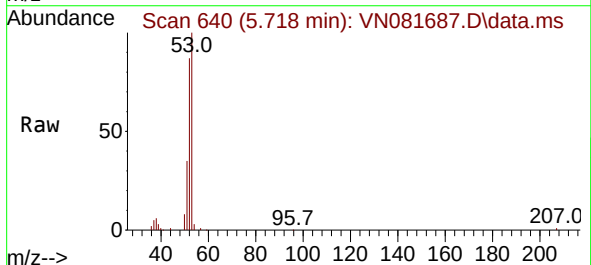
Manual Integrations
APPROVED

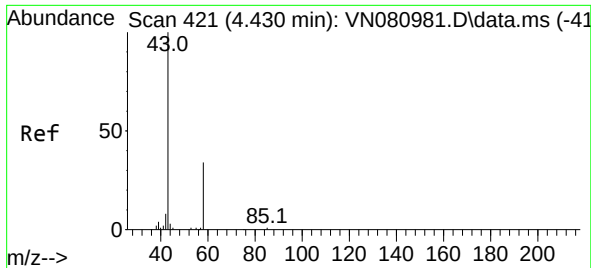
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#14
Acrylonitrile
Concen: 103.472 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

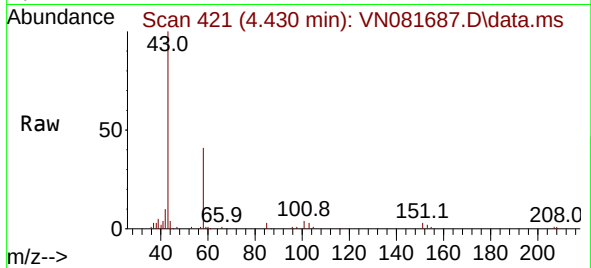
Tgt Ion: 53 Resp: 174783
Ion Ratio Lower Upper
53 100
52 80.6 41.3 123.9
51 21.1 16.8 50.3





#15
Acetone
Concen: 108.821 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

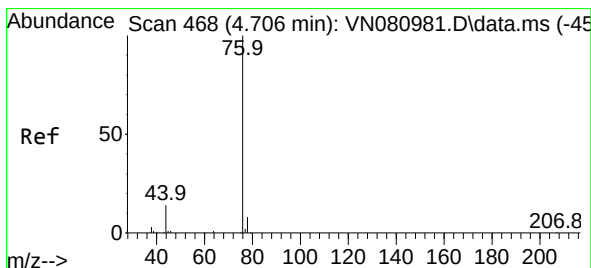
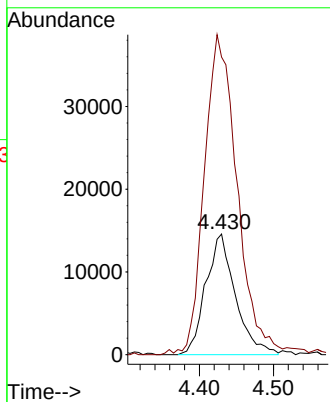
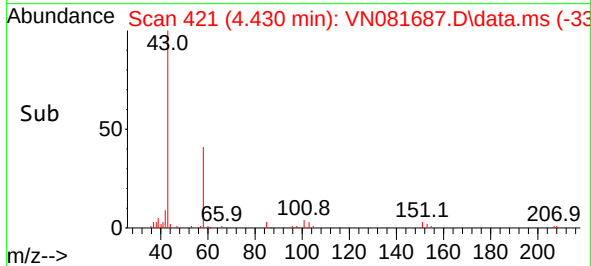
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS02



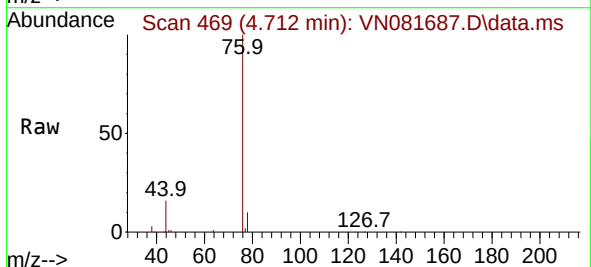
Tgt Ion: 58 Resp: 40429
Ion Ratio Lower Upper
58 100
43 242.6 223.1 334.7

Manual Integrations
APPROVED

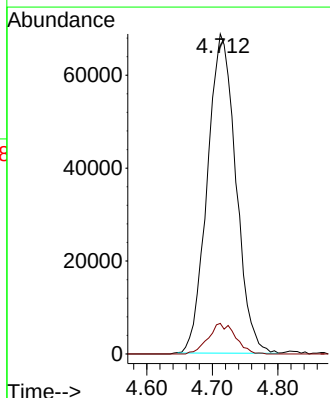
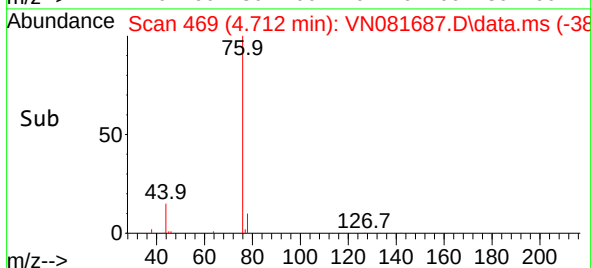
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

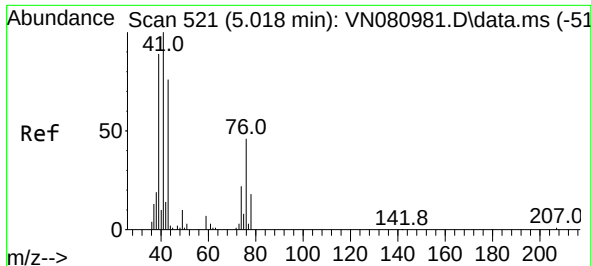


#16
Carbon Disulfide
Concen: 19.803 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41



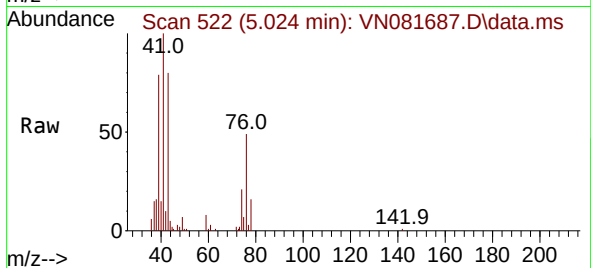
Tgt Ion: 76 Resp: 208103
Ion Ratio Lower Upper
76 100
78 9.6 6.3 9.5#





#17
Allyl chloride
Concen: 19.338 ug/l
RT: 5.024 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

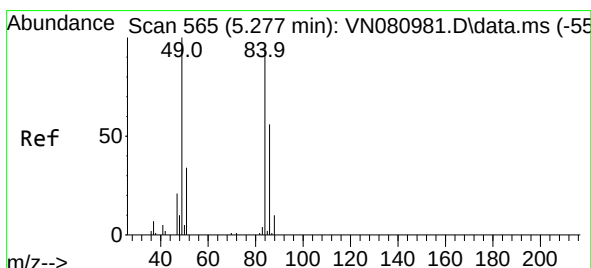
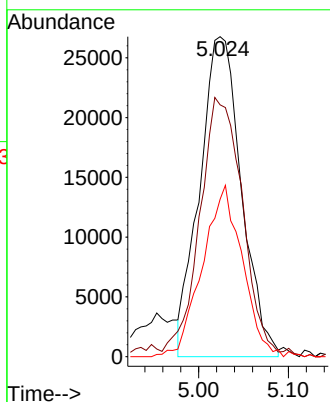
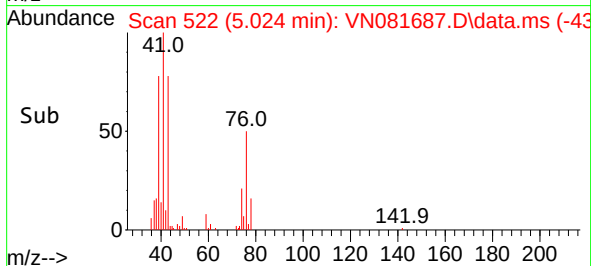
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS02



Tgt Ion: 41 Resp: 86454
Ion Ratio Lower Upper
41 100
39 78.9 37.6 112.9
76 48.0 27.8 83.4

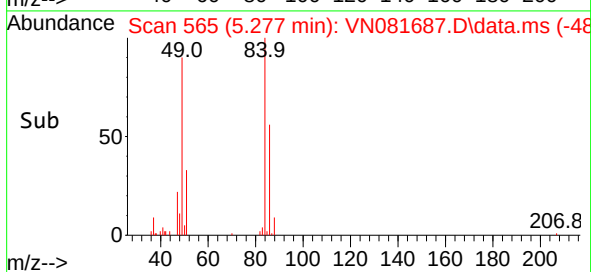
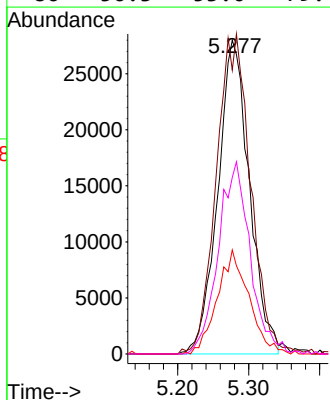
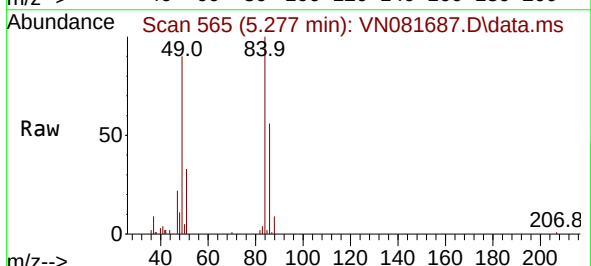
Manual Integrations
APPROVED

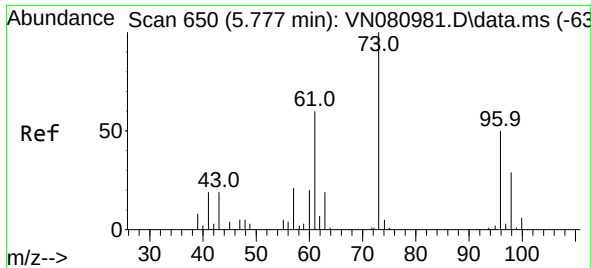
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#18
Methylene Chloride
Concen: 20.324 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

Tgt Ion: 84 Resp: 86486
Ion Ratio Lower Upper
84 100
49 90.5 86.0 129.0
51 33.2 30.0 45.0
86 56.3 53.0 79.4





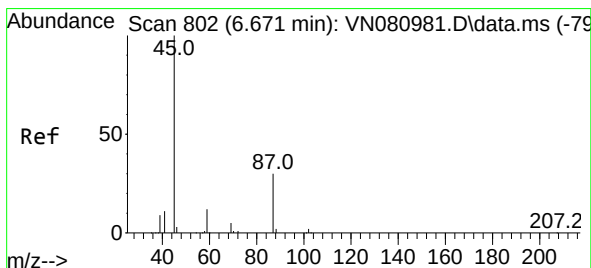
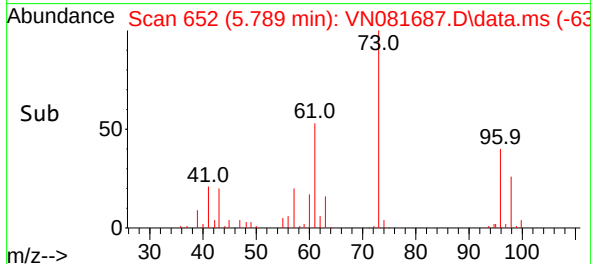
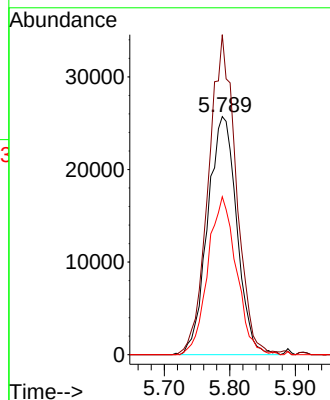
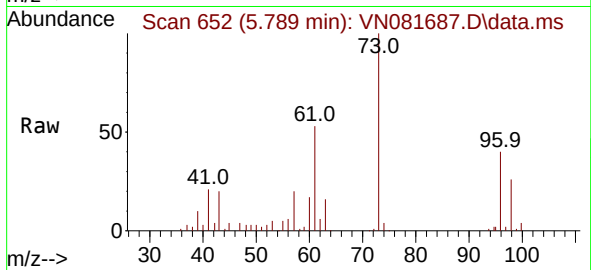
#19
trans-1,2-Dichloroethene
Concen: 19.583 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS02

Tgt Ion: 96 Resp: 79364
Ion Ratio Lower Upper
96 100
61 133.3 111.8 167.6
98 66.3 49.2 73.8

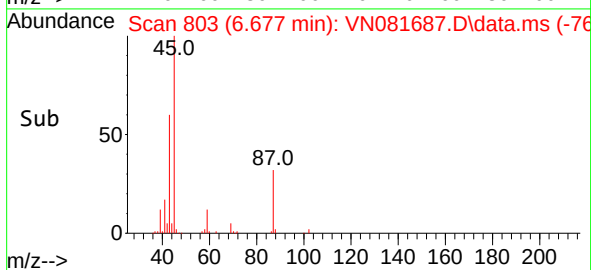
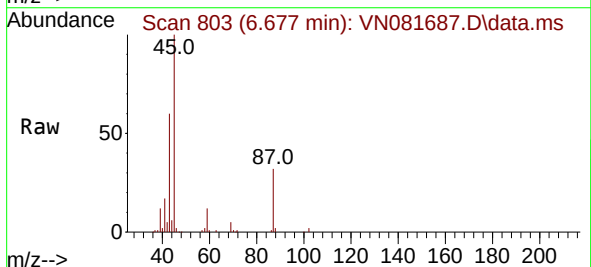
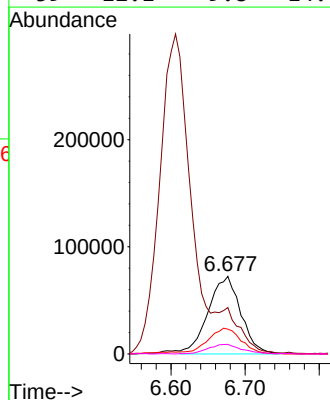
Manual Integrations
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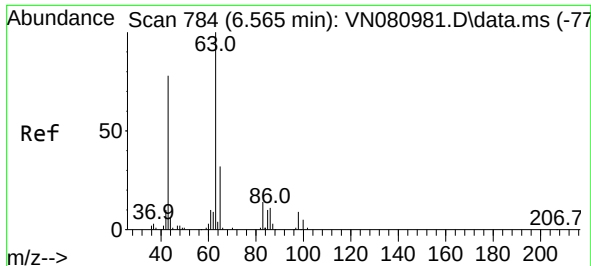
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#20
Diisopropyl ether
Concen: 20.731 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

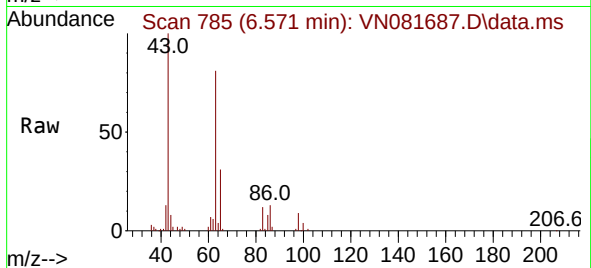
Tgt Ion: 45 Resp: 220649
Ion Ratio Lower Upper
45 100
43 59.0 40.4 60.6
87 31.6 23.8 35.8
59 12.1 9.8 14.6





#21
1,1-Dichloroethane
Concen: 20.255 ug/l
RT: 6.571 min Scan# 785
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

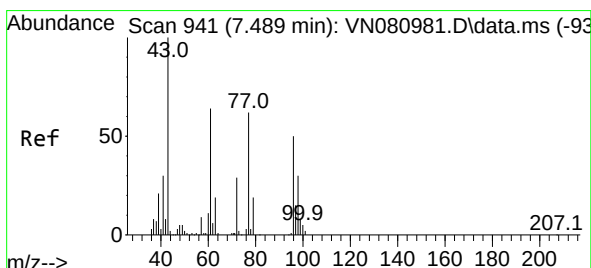
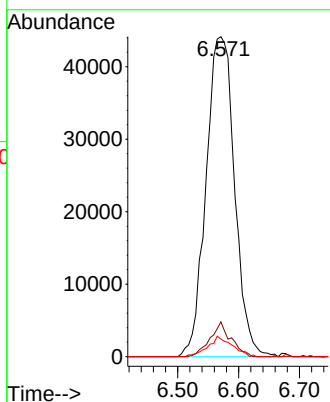
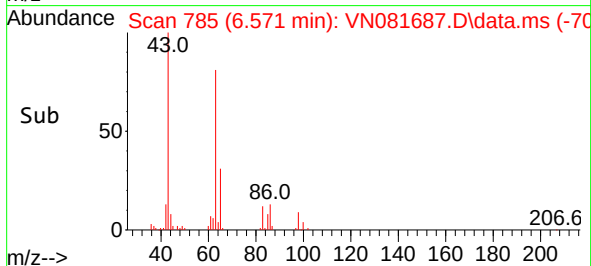
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS02



Tgt Ion: 63 Resp: 143739
Ion Ratio Lower Upper
63 100
98 10.9 4.1 12.3
100 5.5 3.0 9.0

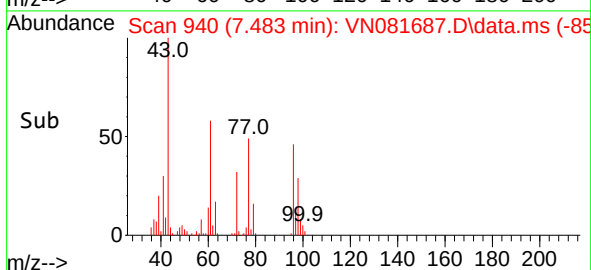
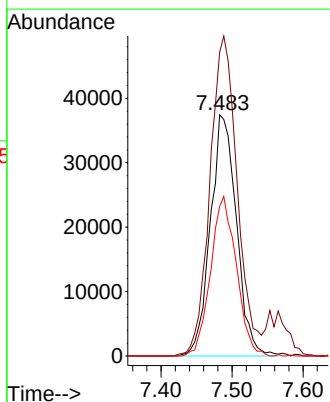
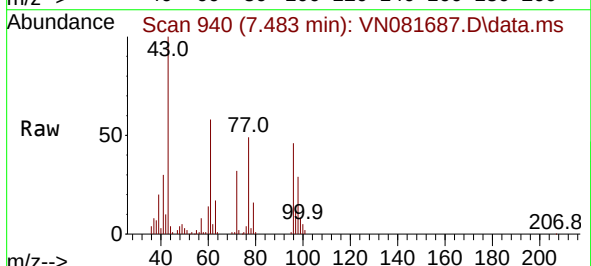
Manual Integrations
APPROVED

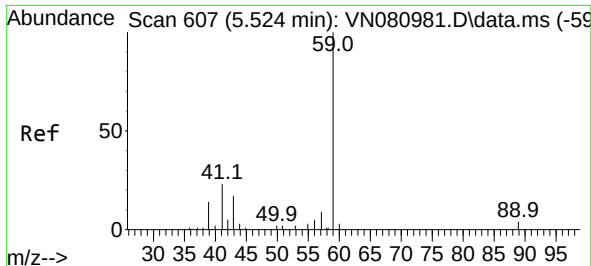
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#22
cis-1,2-Dichloroethene
Concen: 19.510 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

Tgt Ion: 96 Resp: 95481
Ion Ratio Lower Upper
96 100
61 138.7 113.5 170.3
98 65.2 52.0 78.0





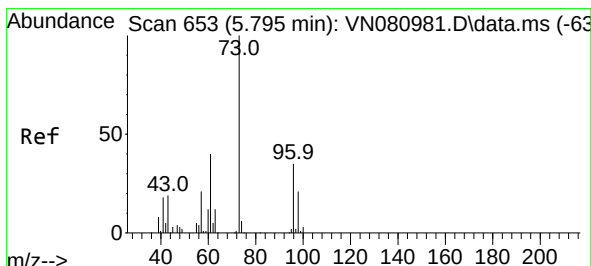
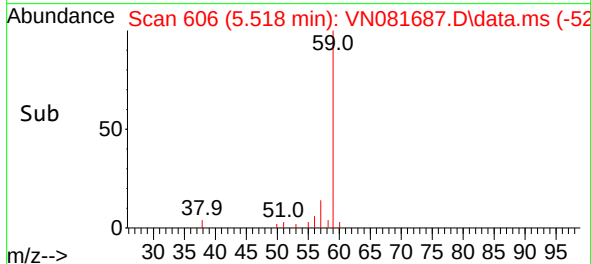
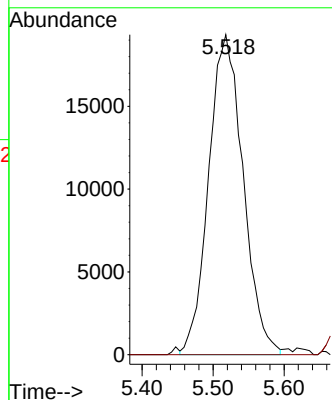
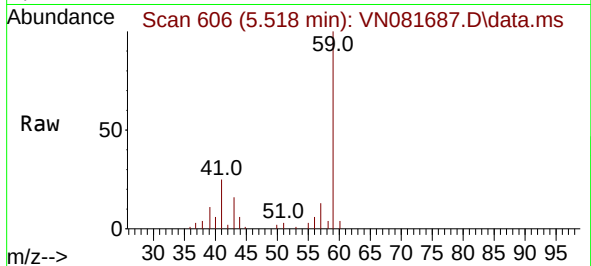
#23
tert-Butyl Alcohol
Concen: 108.696 ug/l
RT: 5.518 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS02

Tgt Ion: 59 Resp: 65179
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

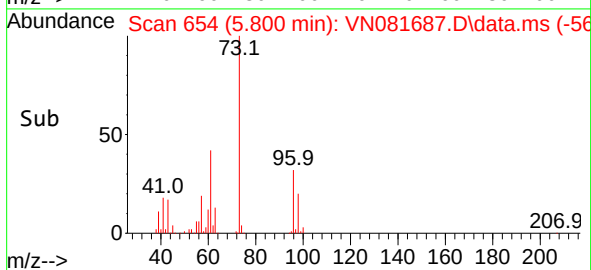
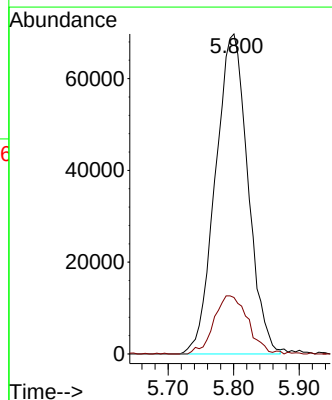
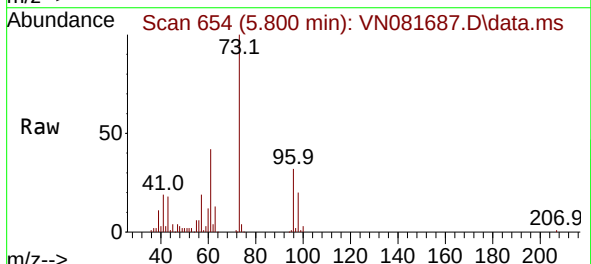
Manual Integrations
APPROVED

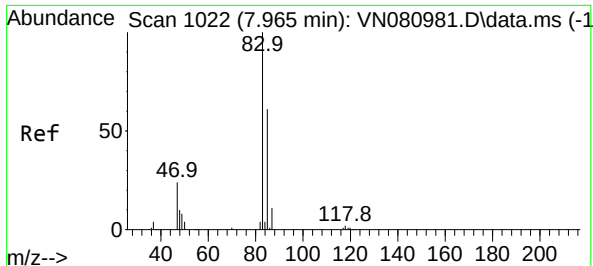
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#24
Methyl tert-Butyl Ether
Concen: 20.727 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.006 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

Tgt Ion: 73 Resp: 239569
Ion Ratio Lower Upper
73 100
43 18.4 13.4 20.2





#25

Chloroform

Concen: 20.127 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN081687.D

Acq: 10 Apr 2024 17:41

Instrument :

MSVOA_N

ClientSampleId :

VN0410WBS02

Tgt Ion: 83 Resp: 16251

Ion Ratio Lower Upper

83 100

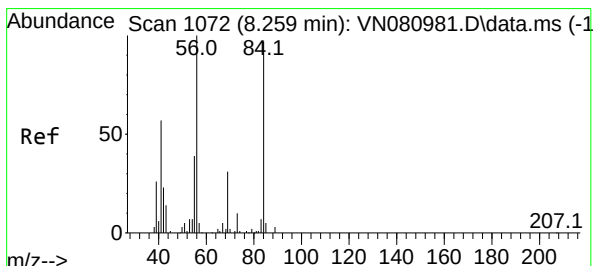
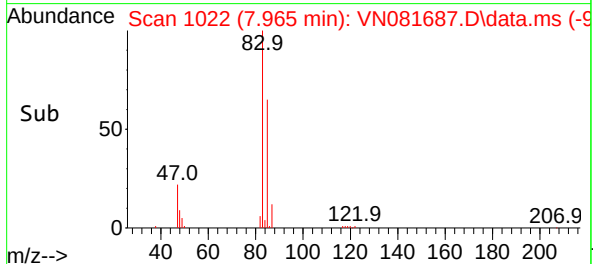
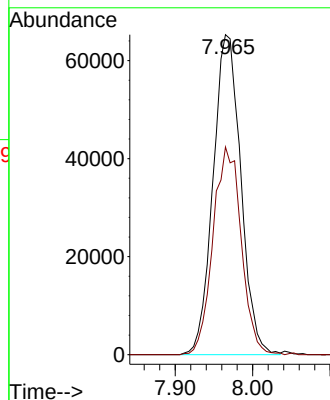
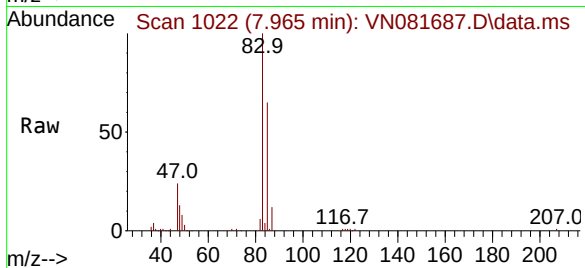
85 64.9 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2024

Supervised By :Mahesh Dadoda 04/11/2024



#26

Cyclohexane

Concen: 19.822 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.006 min

Lab File: VN081687.D

Acq: 10 Apr 2024 17:41

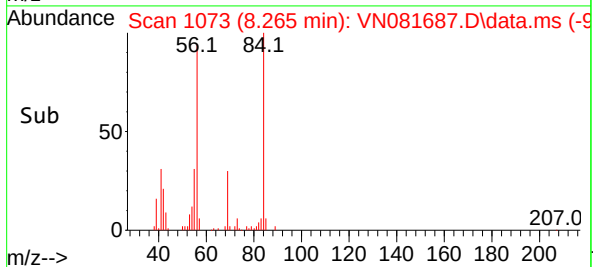
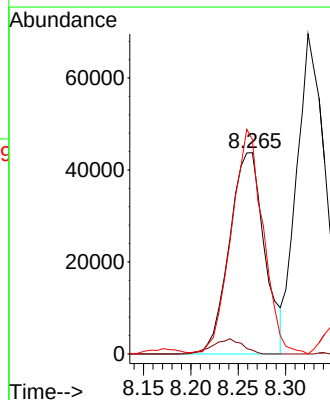
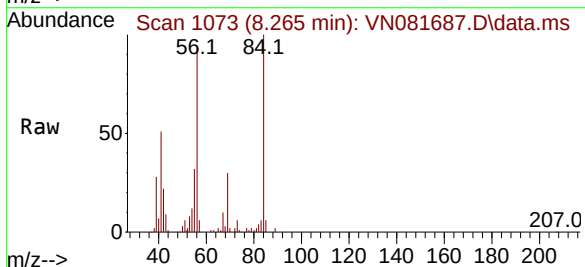
Tgt Ion: 56 Resp: 112766

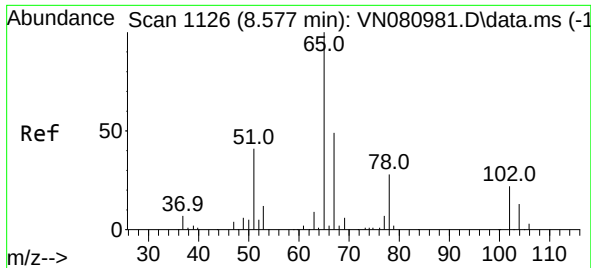
Ion Ratio Lower Upper

56 100

89 6.4 19.3 28.9#

84 101.0 71.3 106.9





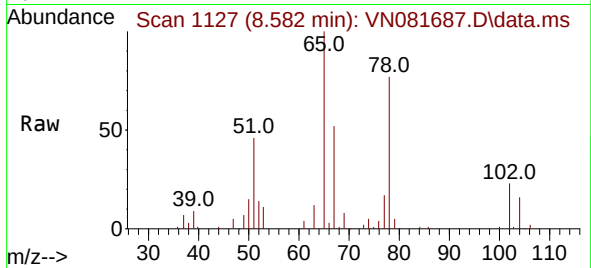
#27
1,2-Dichloroethane-d4
Concen: 30.608 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

Instrument :

MSVOA_N

ClientSampleId :

VN0410WBS02



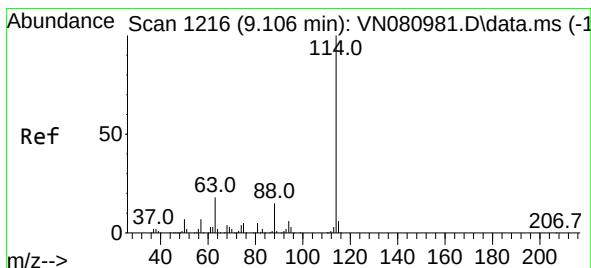
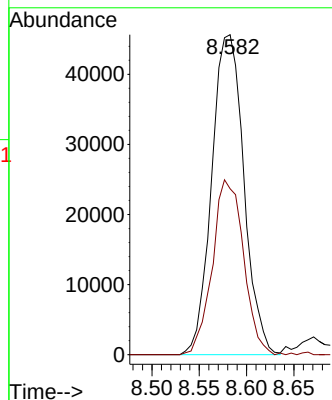
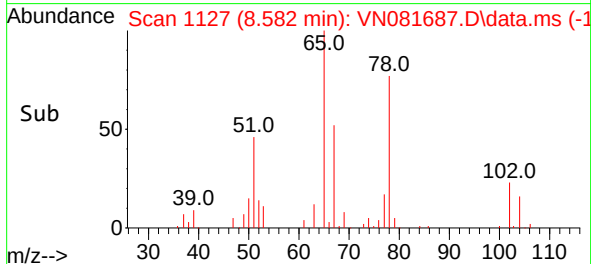
Tgt Ion: 65 Resp: 107912
Ion Ratio Lower Upper
65 100
67 52.8 43.2 64.8

Manual Integrations

APPROVED

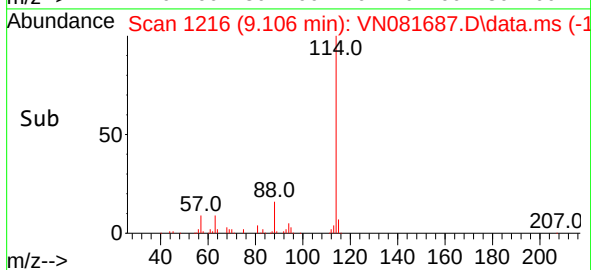
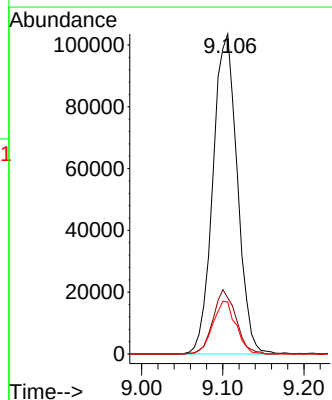
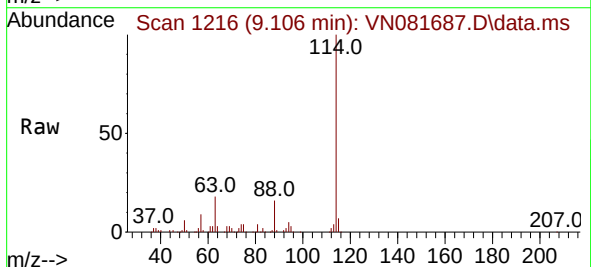
Reviewed By :John Carlone 04/11/2024

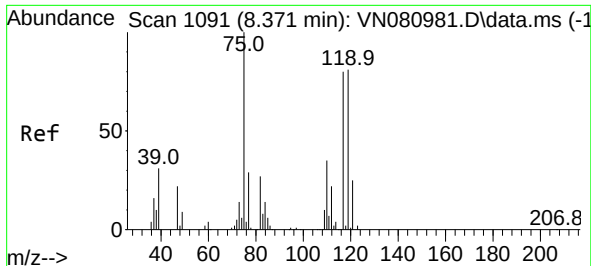
Supervised By :Mahesh Dadoda 04/11/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

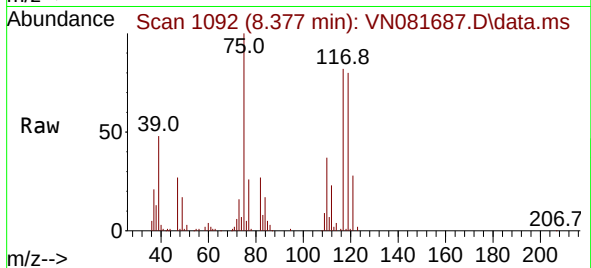
Tgt Ion:114 Resp: 216120
Ion Ratio Lower Upper
114 100
63 18.8 15.9 23.9
88 15.7 12.7 19.1





#29
1,1-Dichloropropene
Concen: 19.048 ug/l
RT: 8.377 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

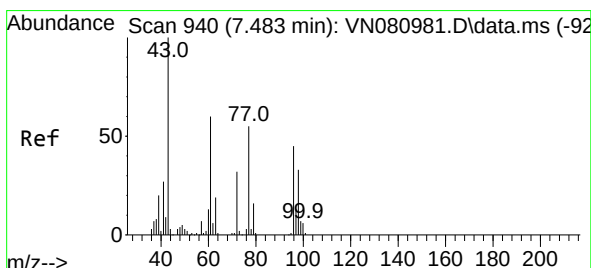
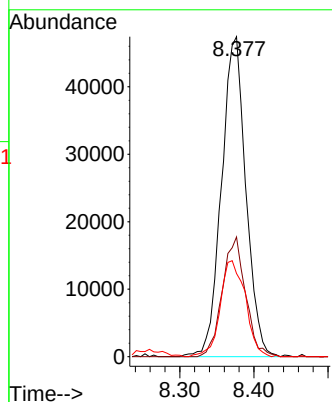
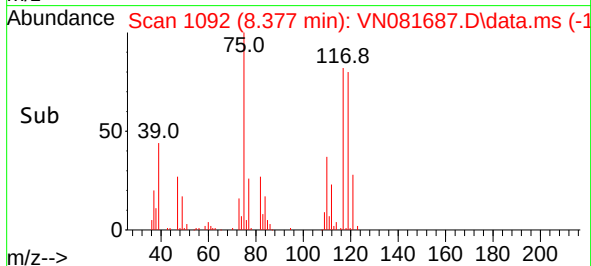
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS02



Tgt Ion: 75 Resp: 108227
Ion Ratio Lower Upper
75 100
110 35.7 0.0 70.2
77 31.0 0.0 61.4

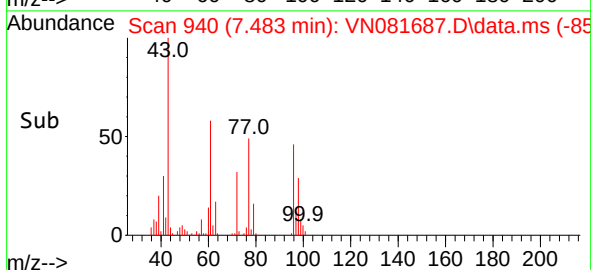
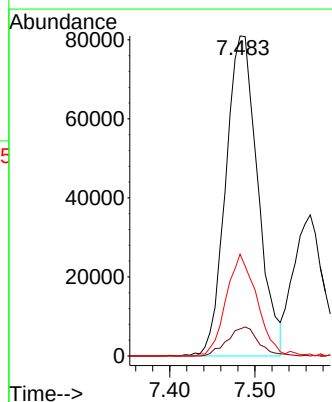
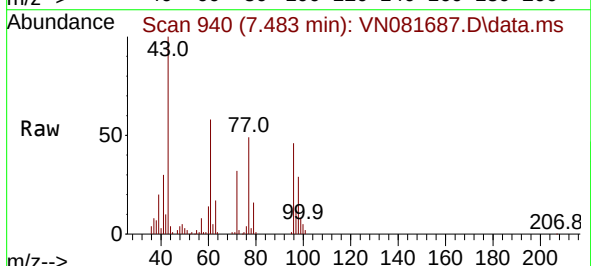
Manual Integrations
APPROVED

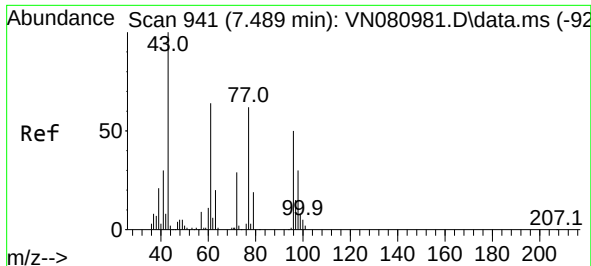
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#30
2-Butanone
Concen: 97.513 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

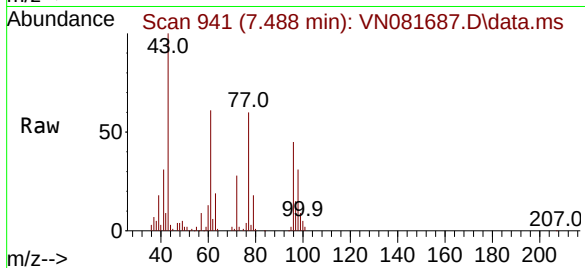
Tgt Ion: 43 Resp: 211597
Ion Ratio Lower Upper
43 100
57 8.9 6.7 10.1
72 30.3 24.0 36.0





#31
2,2-Dichloropropane
Concen: 18.585 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

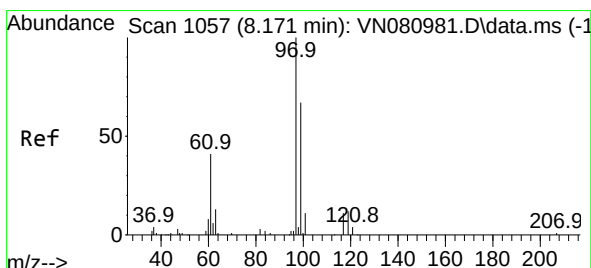
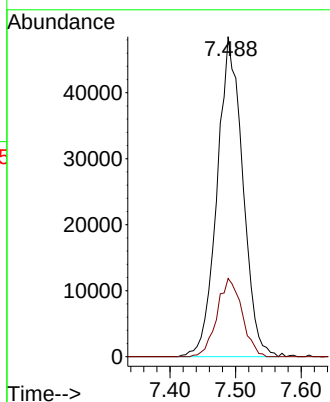
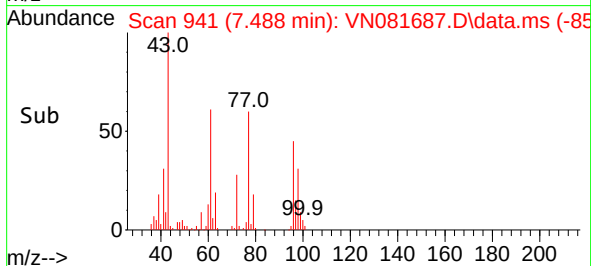
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS02



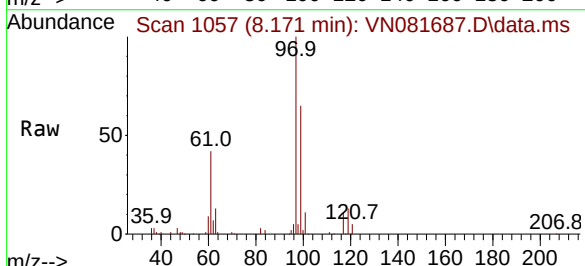
Tgt Ion: 77 Resp: 13152
Ion Ratio Lower Upper
77 100
97 23.8 18.3 27.5

Manual Integrations
APPROVED

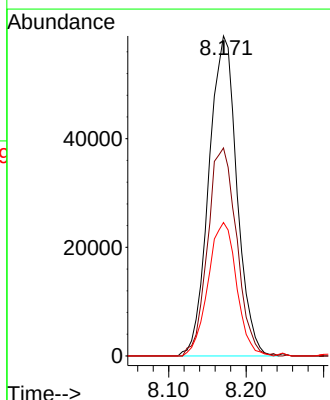
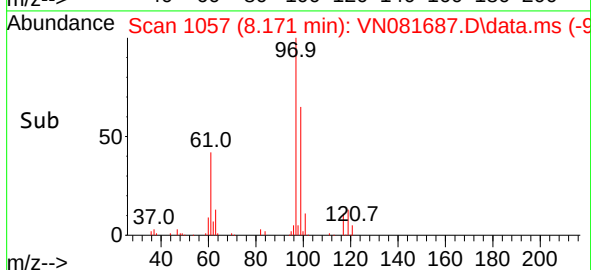
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

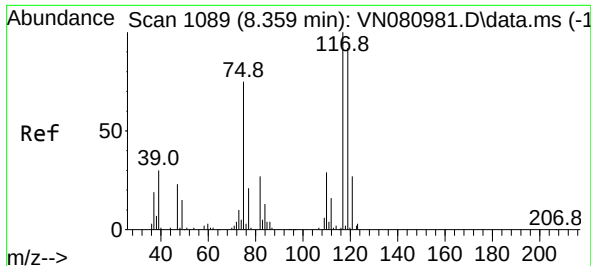


#32
1,1,1-Trichloroethane
Concen: 18.931 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41



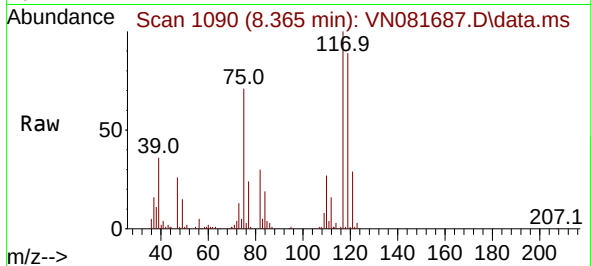
Tgt Ion: 97 Resp: 148244
Ion Ratio Lower Upper
97 100
99 66.9 51.0 76.4
61 42.4 33.8 50.8





#33
Carbon Tetrachloride
Concen: 18.532 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

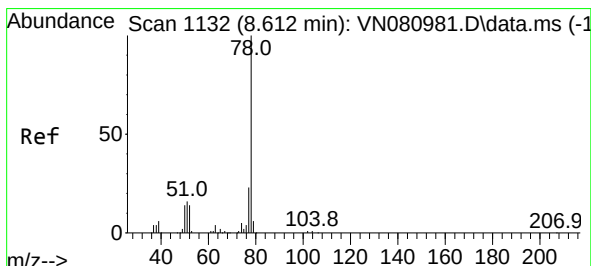
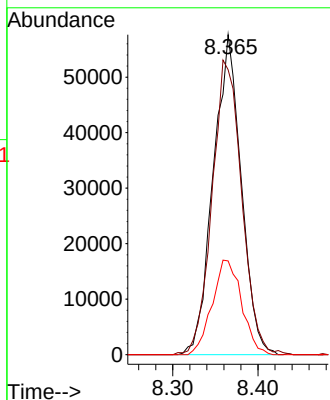
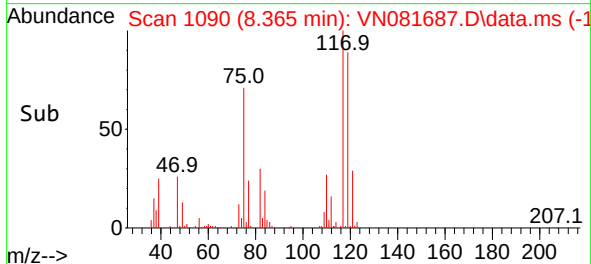
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS02



Tgt Ion: 117 Resp: 13154
Ion Ratio Lower Upper
117 100
119 88.4 77.7 116.5
121 29.3 27.0 40.6

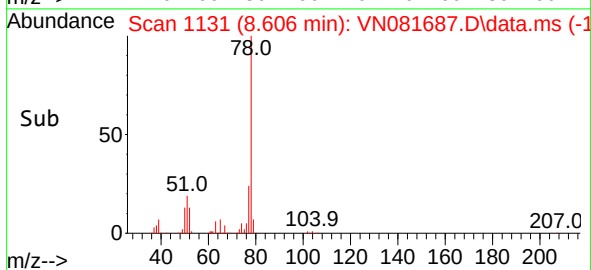
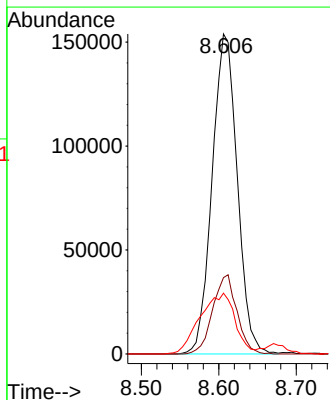
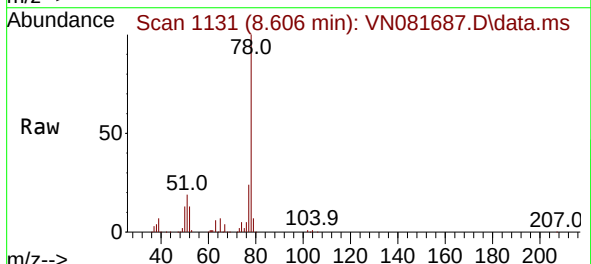
Manual Integrations
APPROVED

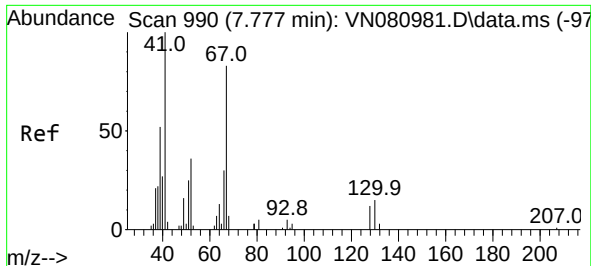
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#34
Benzene
Concen: 18.962 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

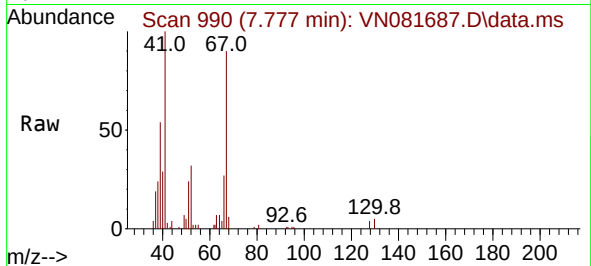
Tgt Ion: 78 Resp: 347070
Ion Ratio Lower Upper
78 100
77 23.9 19.2 28.8
51 18.2 13.3 19.9





#35
Methacrylonitrile
Concen: 20.223 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

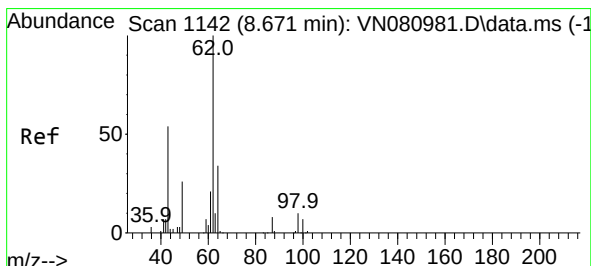
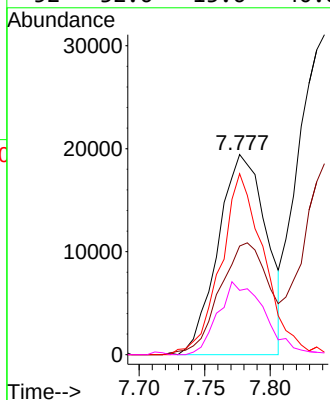
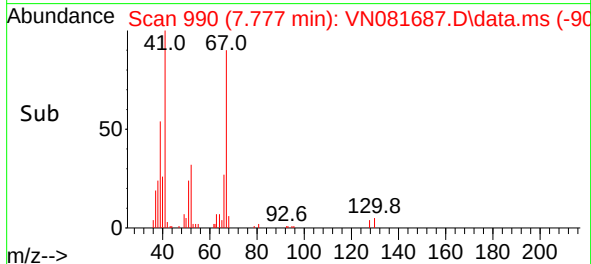
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS02



Tgt Ion:	41	Resp:	4970
Ion Ratio	100	Lower	Upper
39	53.2	25.3	75.9
67	88.9	38.7	116.1
52	32.6	13.6	40.8

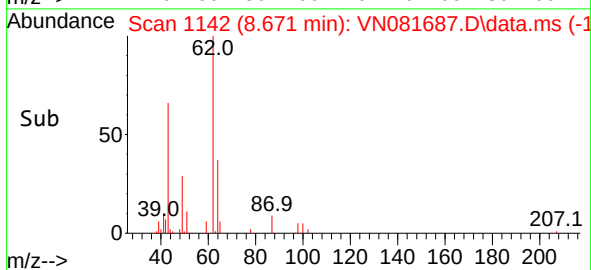
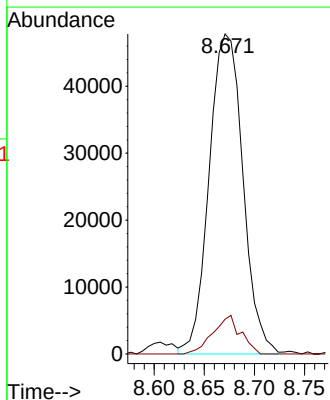
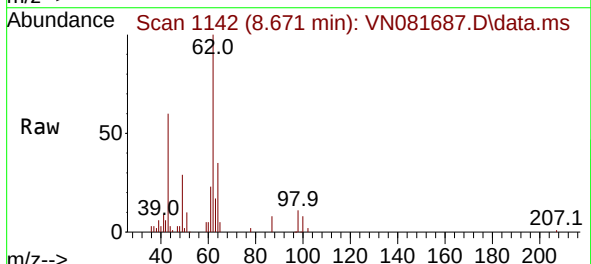
Manual Integrations
APPROVED

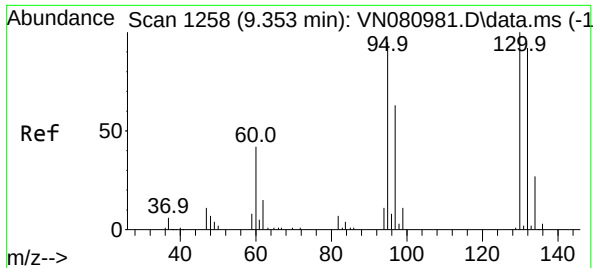
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#36
1,2-Dichloroethane
Concen: 18.667 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

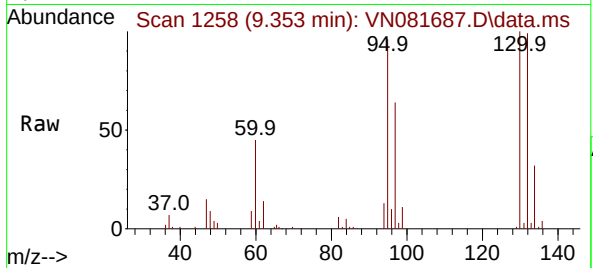
Tgt Ion:	62	Resp:	112070
Ion Ratio	100	Lower	Upper
98	9.9	8.2	12.4





#37
Trichloroethene
Concen: 18.305 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

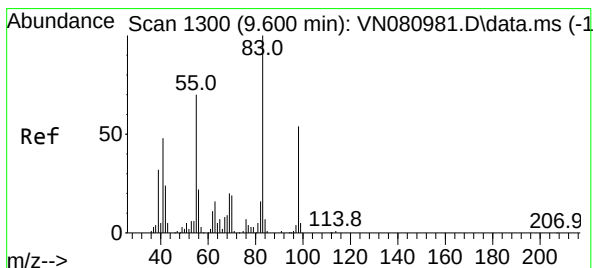
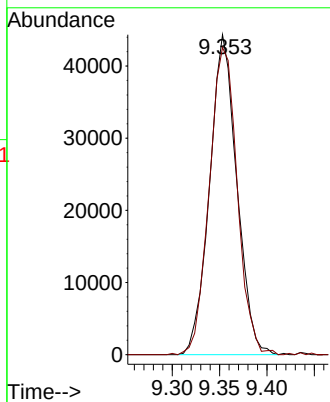
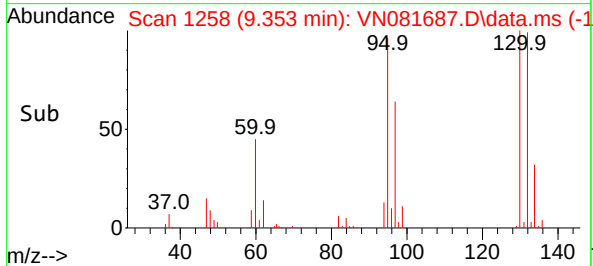
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS02



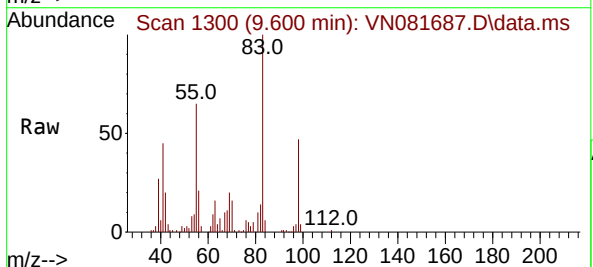
Tgt Ion:130 Resp: 88658
Ion Ratio Lower Upper
130 100
95 96.0 80.2 120.4

Manual Integrations
APPROVED

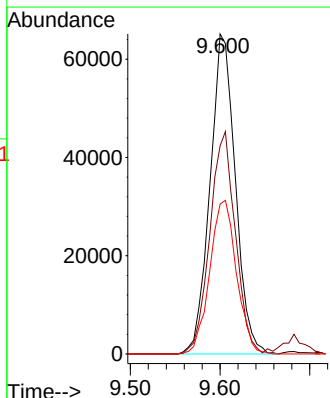
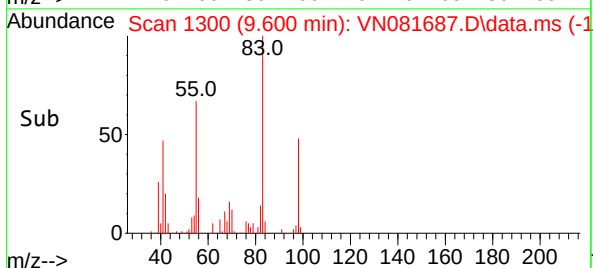
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

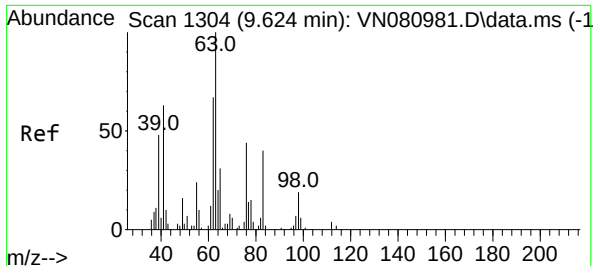


#38
Methylcyclohexane
Concen: 18.406 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.006 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41



Tgt Ion: 83 Resp: 127826
Ion Ratio Lower Upper
83 100
55 69.8 36.6 109.9
98 50.7 23.8 71.5





#39

1,2-Dichloropropane

Concen: 19.053 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081687.D

Acq: 10 Apr 2024 17:41

Instrument :

MSVOA_N

ClientSampleId :

VN0410WBS02

Tgt Ion: 63 Resp: 81350

Ion Ratio Lower Upper

63 100

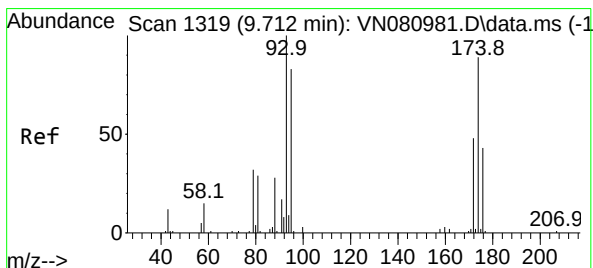
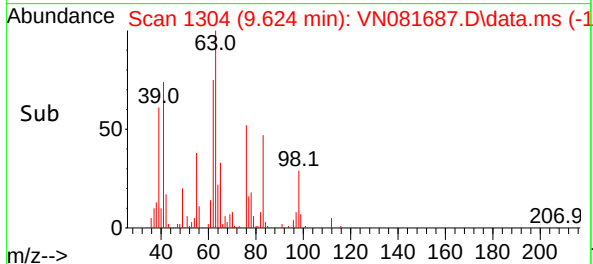
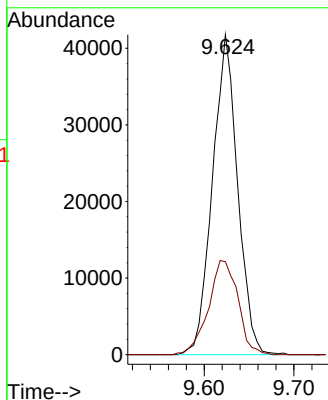
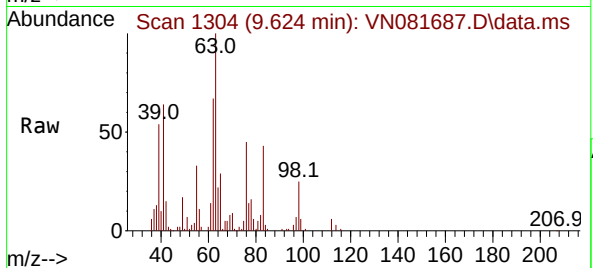
65 29.1 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2024

Supervised By :Mahesh Dadoda 04/11/2024



#40

Dibromomethane

Concen: 18.567 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081687.D

Acq: 10 Apr 2024 17:41

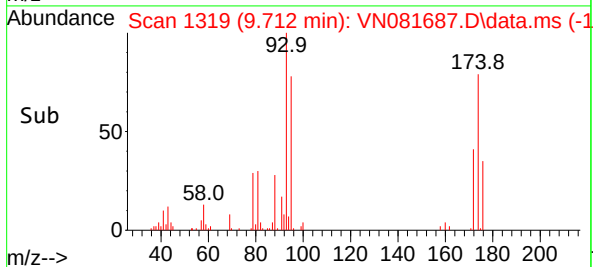
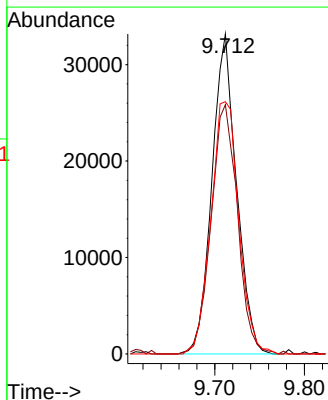
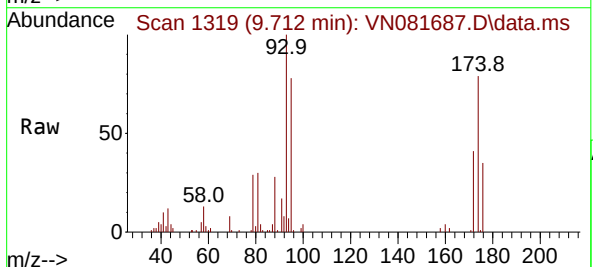
Tgt Ion: 93 Resp: 63152

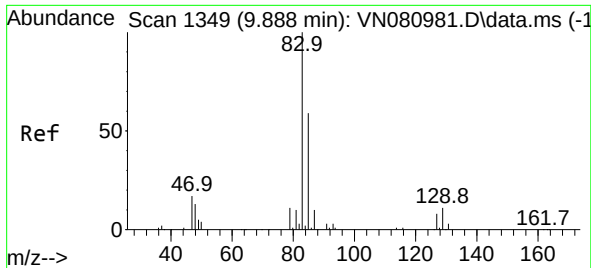
Ion Ratio Lower Upper

93 100

95 83.3 0.0 164.6

174 89.3 0.0 193.2





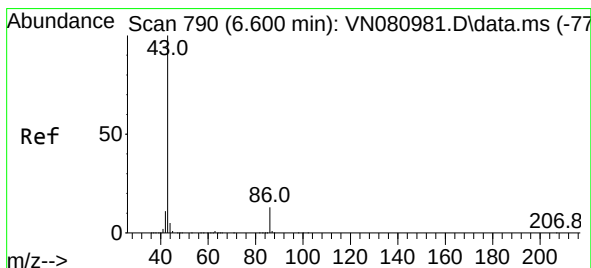
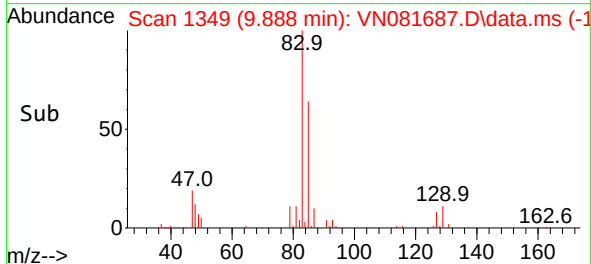
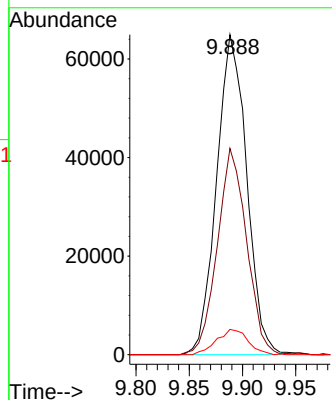
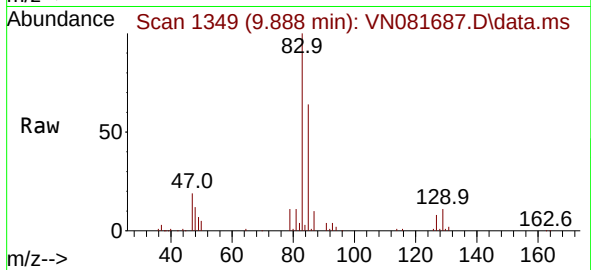
#41
Bromodichloromethane
Concen: 18.362 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS02

Tgt Ion: 83 Resp: 127362
Ion Ratio Lower Upper
83 100
85 64.4 49.4 74.2
127 7.9 7.3 10.9

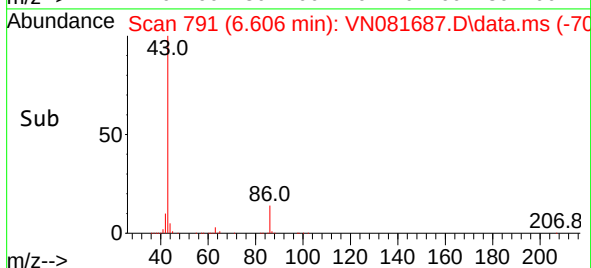
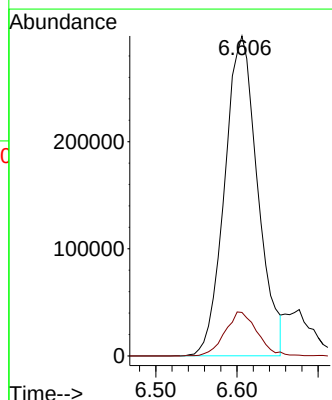
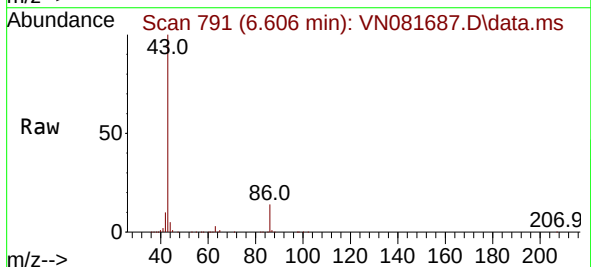
Manual Integrations
APPROVED

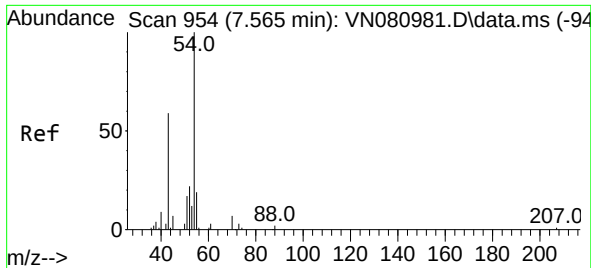
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#42
Vinyl Acetate
Concen: 93.448 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

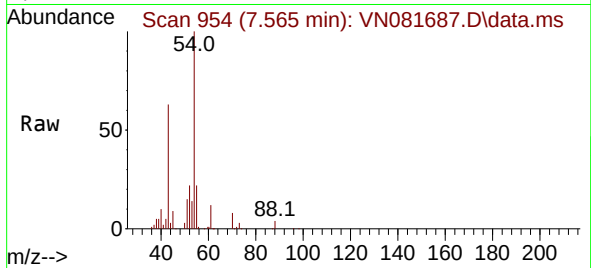
Tgt Ion: 43 Resp: 844730
Ion Ratio Lower Upper
43 100
86 13.4 9.4 14.2





#43
Ethyl Acetate
Concen: 18.186 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

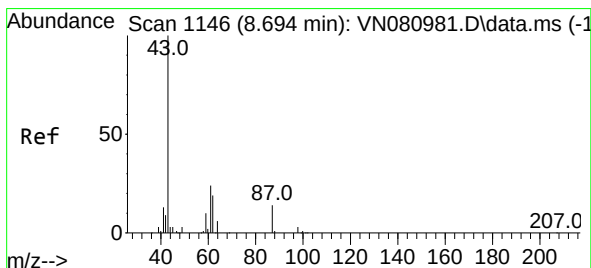
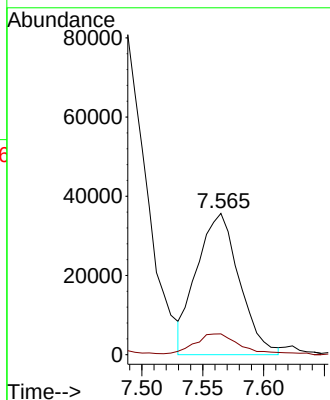
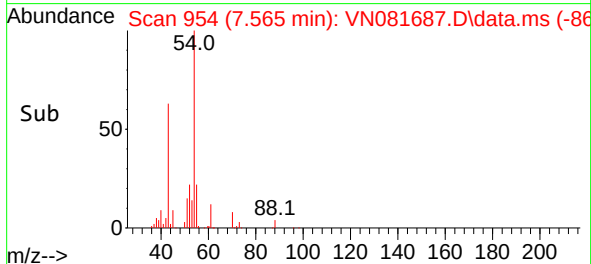
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS02



Tgt Ion: 43 Resp: 86972
Ion Ratio Lower Upper
43 100
45 14.3 10.6 15.8

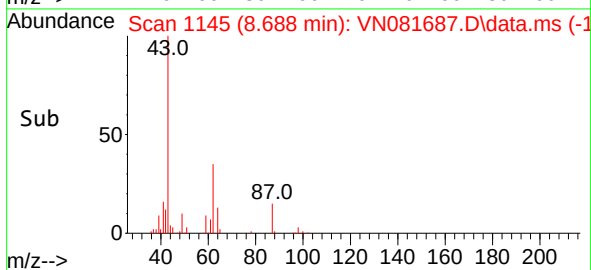
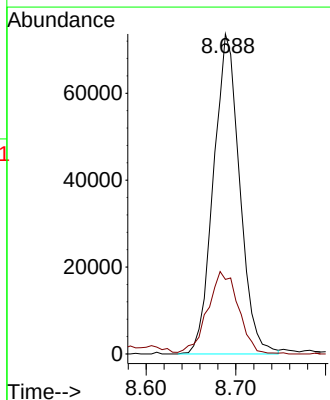
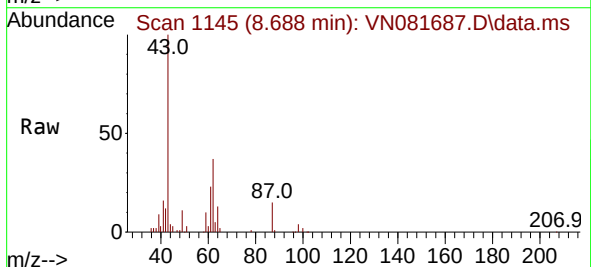
Manual Integrations
APPROVED

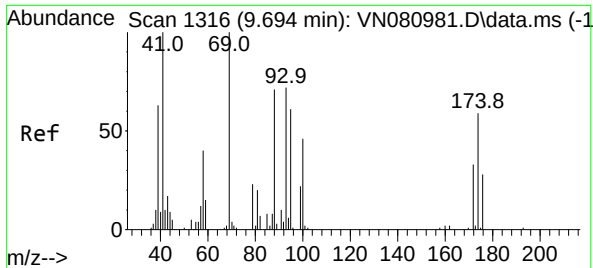
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#44
Isopropyl Acetate
Concen: 18.616 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

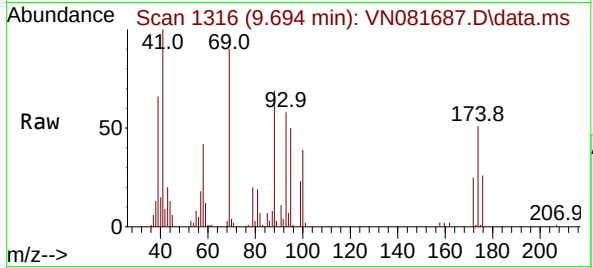
Tgt Ion: 43 Resp: 149169
Ion Ratio Lower Upper
43 100
61 30.3 25.0 37.4





#45
1,4-Dioxane
Concen: 391.326 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

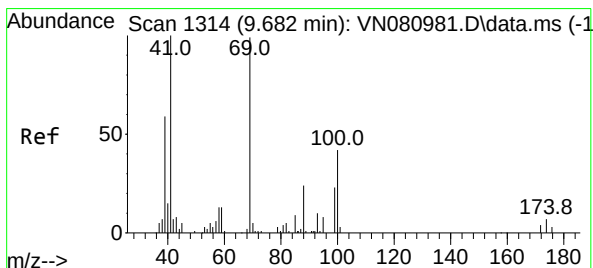
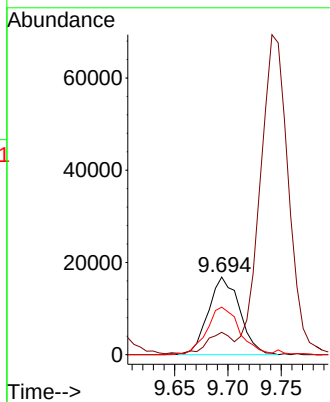
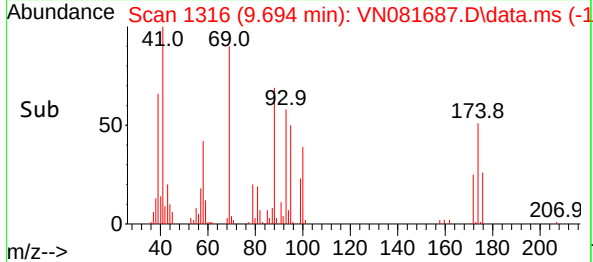
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS02



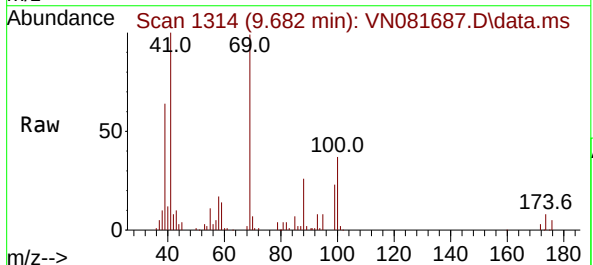
Tgt Ion: 88 Resp: 3461
Ion Ratio Lower Upper
88 100
43 23.0 19.8 29.6
58 63.8 55.4 83.0

Manual Integrations
APPROVED

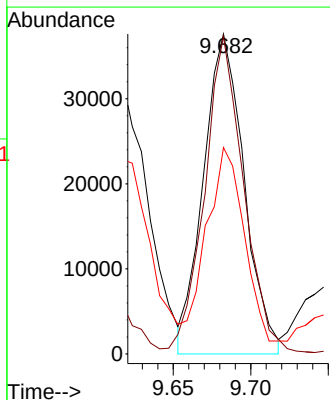
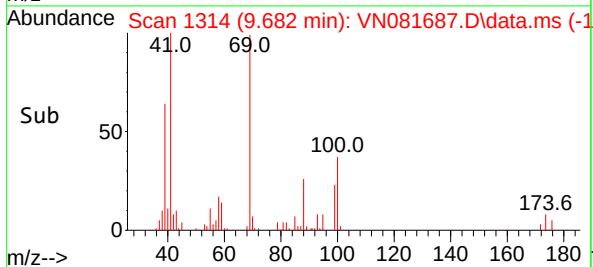
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

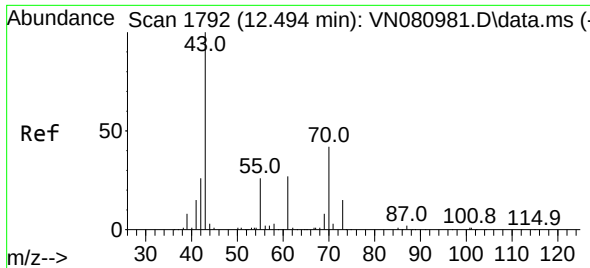


#46
Methyl methacrylate
Concen: 19.022 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41



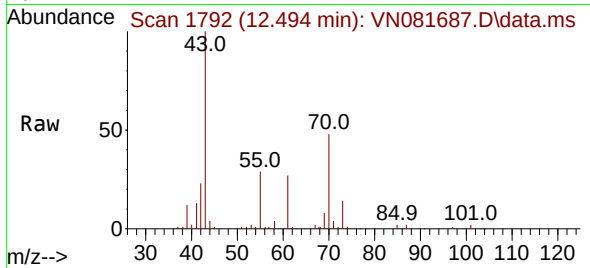
Tgt Ion: 41 Resp: 68546
Ion Ratio Lower Upper
41 100
69 99.0 51.1 153.3
39 63.3 25.8 77.3





#47
n-amyl acetate
Concen: 18.535 ug/l
RT: 12.494 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

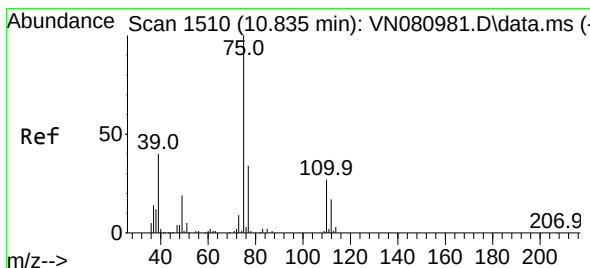
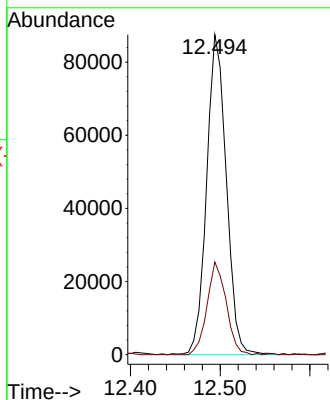
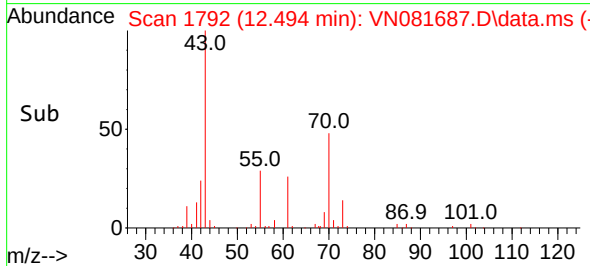
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS02



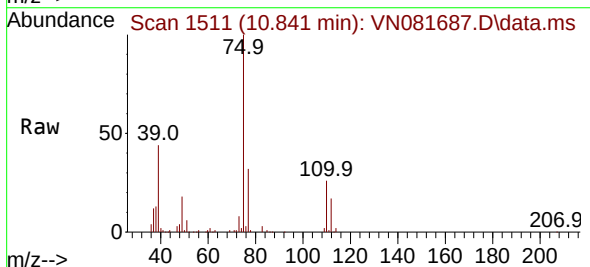
Tgt Ion: 43 Resp: 133272
Ion Ratio Lower Upper
43 100
55 28.1 23.4 35.2

Manual Integrations
APPROVED

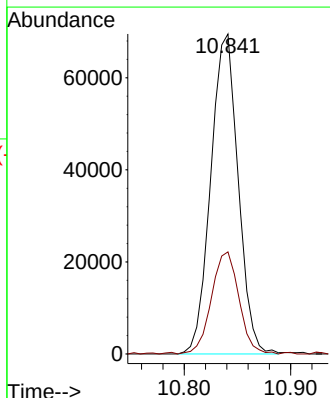
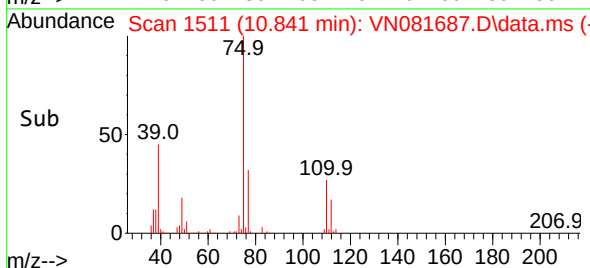
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

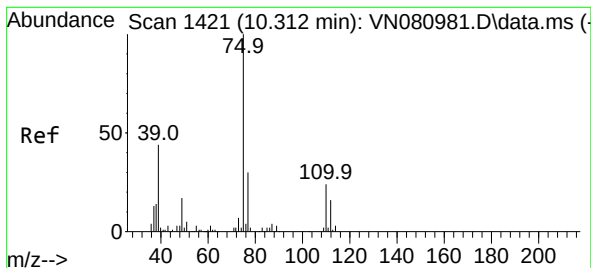


#48
t-1,3-Dichloropropene
Concen: 18.815 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41



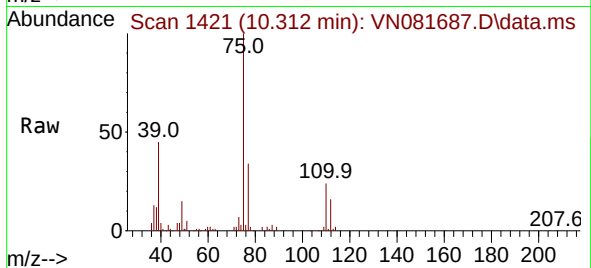
Tgt Ion: 75 Resp: 124334
Ion Ratio Lower Upper
75 100
77 31.9 23.8 35.6





#49
 cis-1,3-Dichloropropene
 Concen: 18.439 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN081687.D
 Acq: 10 Apr 2024 17:41

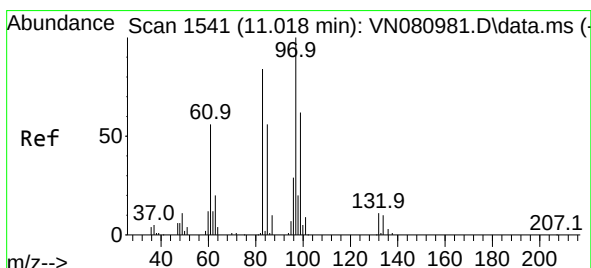
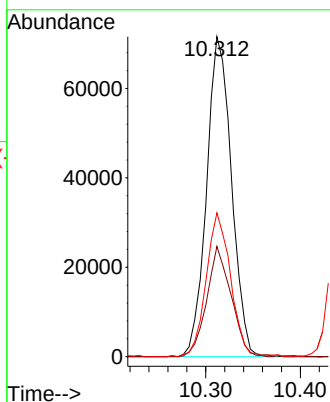
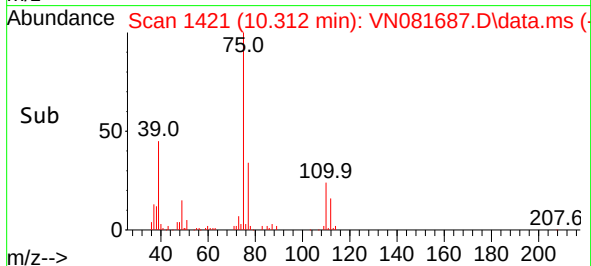
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0410WBS02



Tgt Ion: 75 Resp: 131220
 Ion Ratio Lower Upper
 75 100
 77 34.5 24.9 37.3
 39 44.9 31.0 46.6

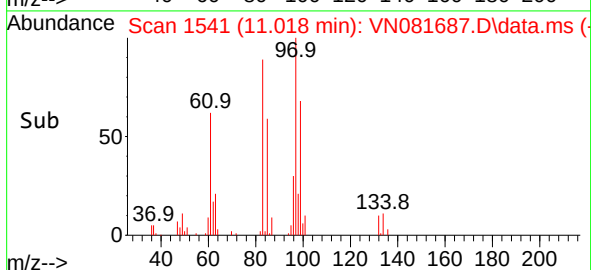
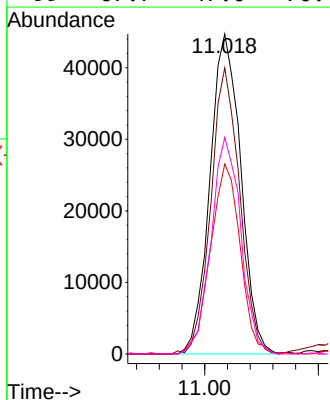
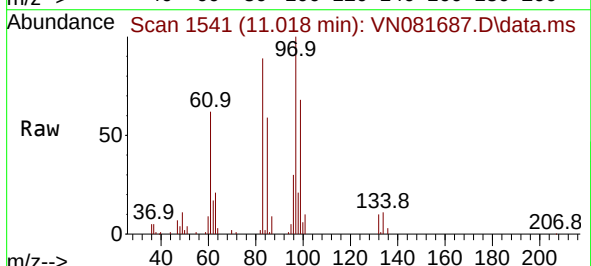
Manual Integrations
 APPROVED

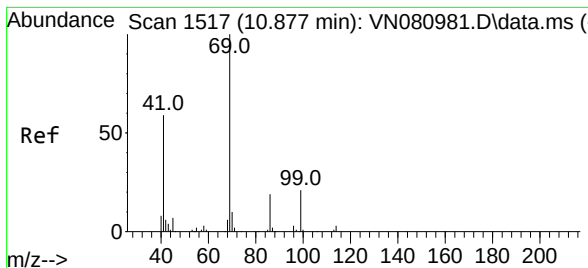
Reviewed By :John Carlone 04/11/2024
 Supervised By :Mahesh Dadoda 04/11/2024



#50
 1,1,2-Trichloroethane
 Concen: 18.559 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN081687.D
 Acq: 10 Apr 2024 17:41

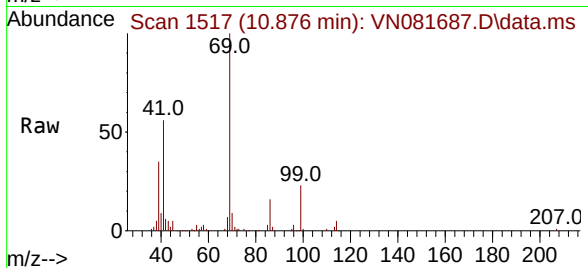
Tgt Ion: 97 Resp: 84525
 Ion Ratio Lower Upper
 97 100
 83 89.0 68.1 102.1
 85 59.4 41.8 62.6
 99 67.7 47.0 70.4





#51
Ethyl methacrylate
Concen: 18.866 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

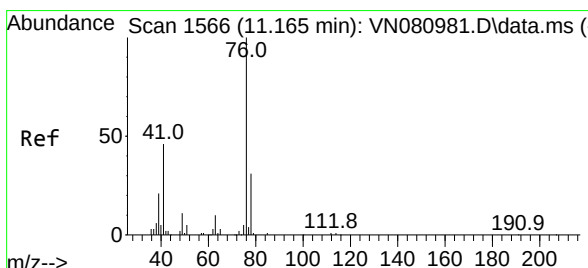
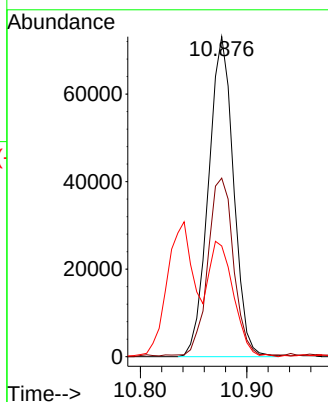
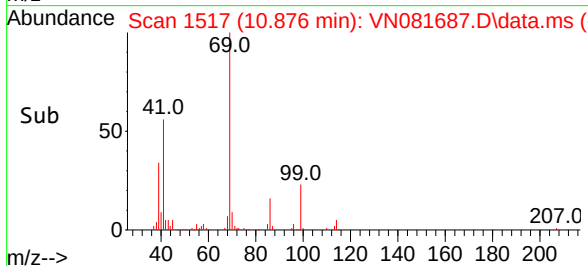
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS02



Tgt Ion: 69 Resp: 11964
Ion Ratio Lower Upper
69 100
41 55.3 25.5 76.5
39 34.6 16.0 47.9

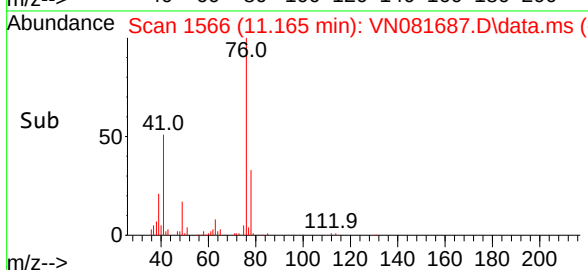
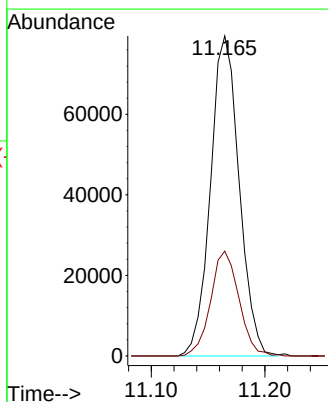
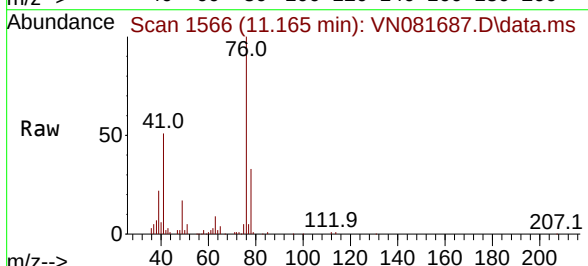
Manual Integrations
APPROVED

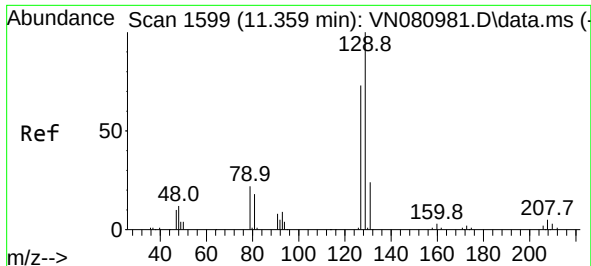
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#52
1,3-Dichloropropane
Concen: 18.682 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

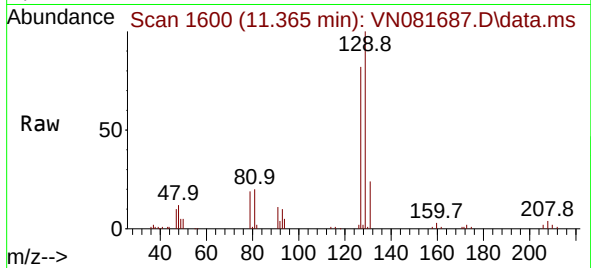
Tgt Ion: 76 Resp: 139469
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.8





#53
Dibromochloromethane
Concen: 18.805 ug/l
RT: 11.365 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

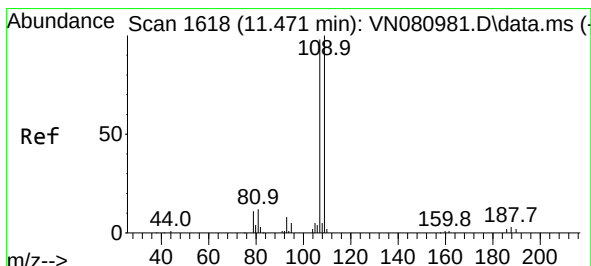
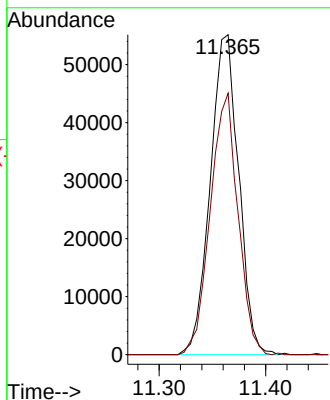
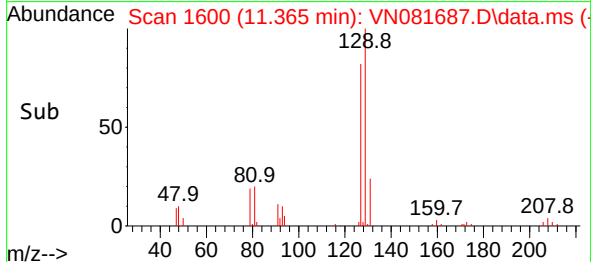
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS02



Tgt Ion:129 Resp: 102310
Ion Ratio Lower Upper
129 100
127 79.4 39.4 118.1

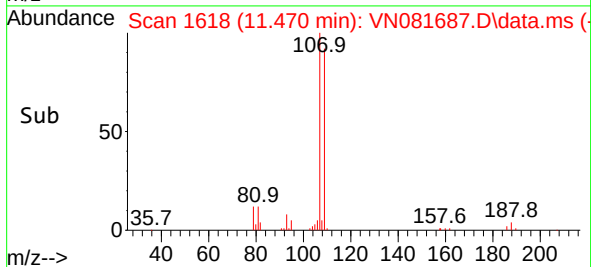
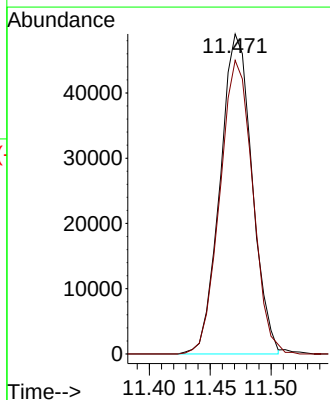
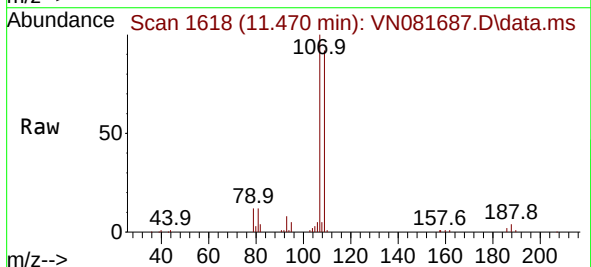
Manual Integrations
APPROVED

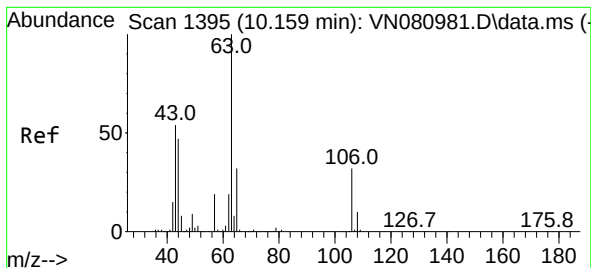
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#54
1,2-Dibromoethane
Concen: 19.057 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

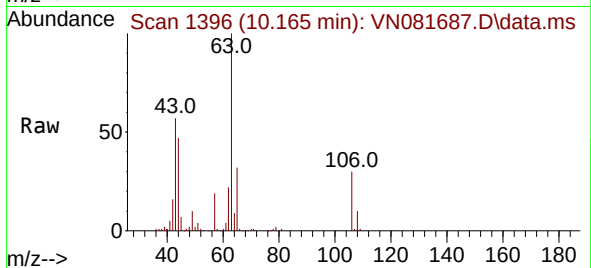
Tgt Ion:107 Resp: 89716
Ion Ratio Lower Upper
107 100
109 93.7 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 87.941 ug/l
RT: 10.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

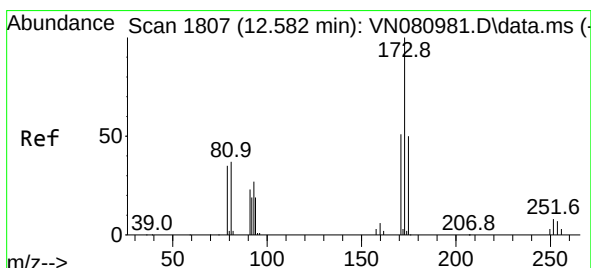
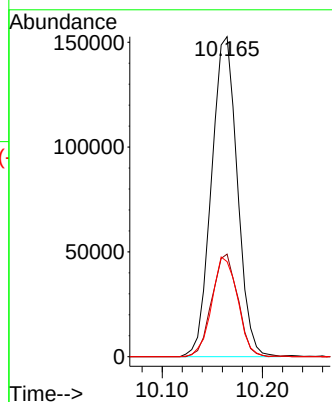
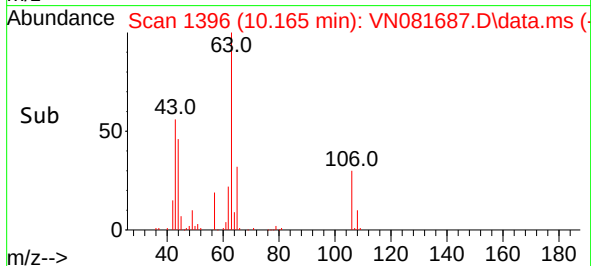
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS02



Tgt Ion: 63 Resp: 27386
Ion Ratio Lower Upper
63 100
65 32.0 26.2 39.2
106 31.1 23.8 35.8

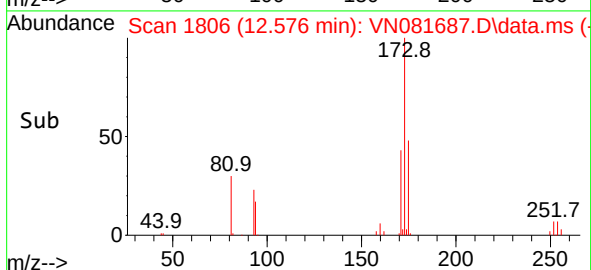
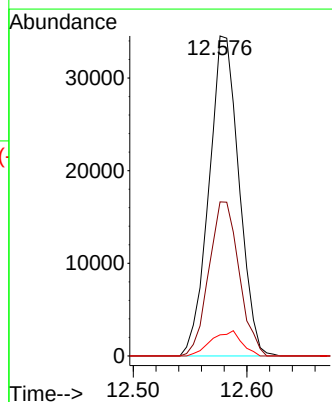
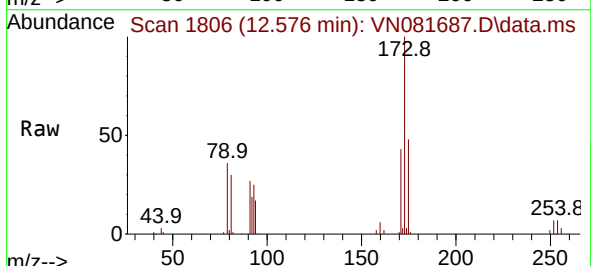
Manual Integrations
APPROVED

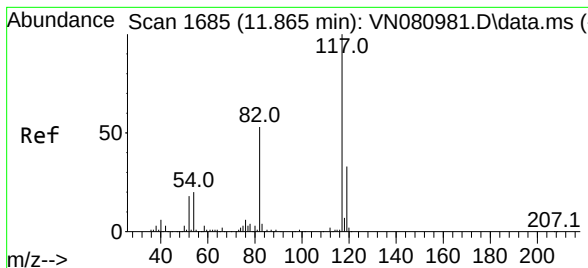
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#56
Bromoform
Concen: 18.216 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

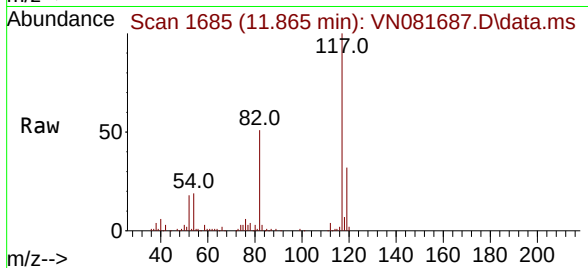
Tgt Ion:173 Resp: 63372
Ion Ratio Lower Upper
173 100
175 48.5 40.0 60.0
254 8.0 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1185
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

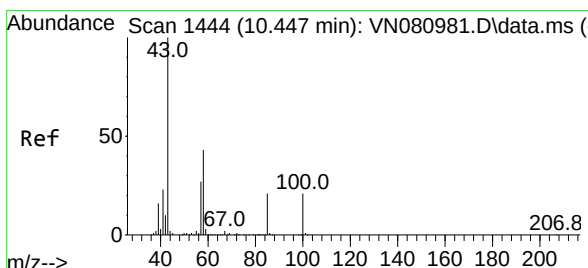
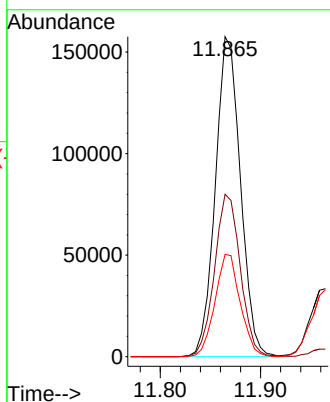
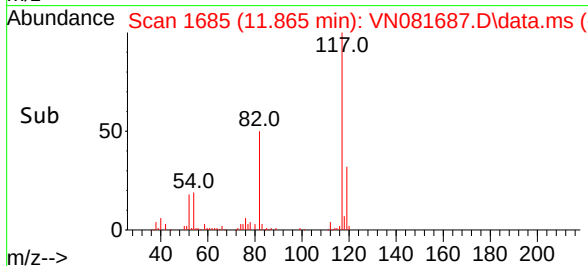
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS02



Tgt Ion:117 Resp: 27377
Ion Ratio Lower Upper
117 100
82 52.1 46.6 69.8
119 32.1 25.4 38.2

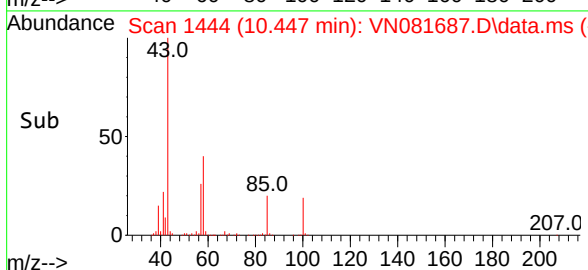
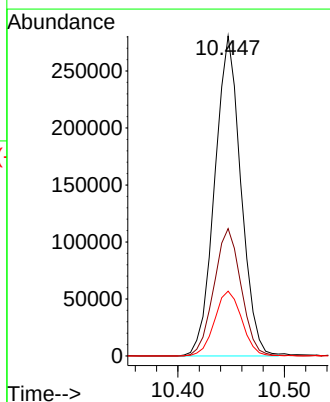
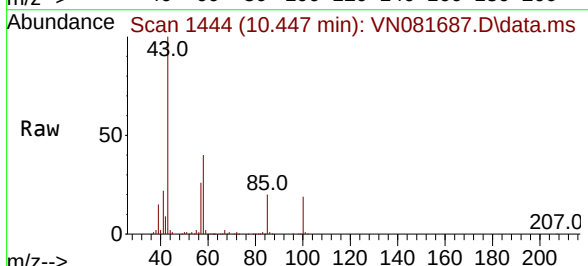
Manual Integrations
APPROVED

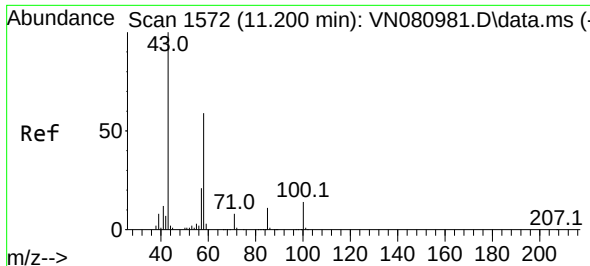
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#58
4-Methyl-2-Pentanone
Concen: 101.690 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

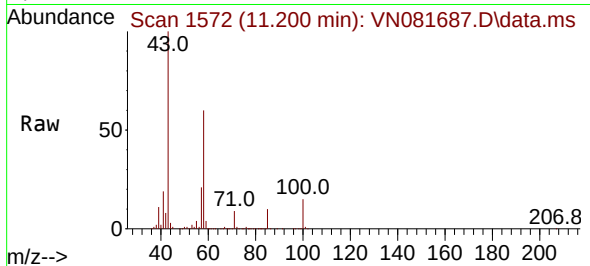
Tgt Ion: 43 Resp: 478765
Ion Ratio Lower Upper
43 100
58 41.4 36.5 54.7
85 21.1 19.5 29.3





#59
2-Hexanone
Concen: 100.877 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

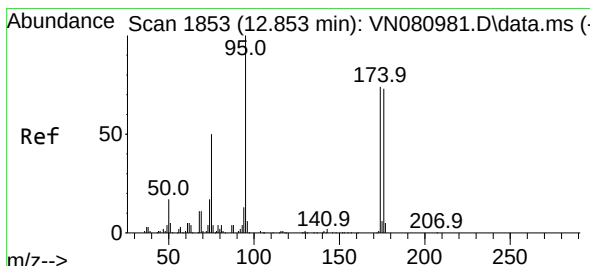
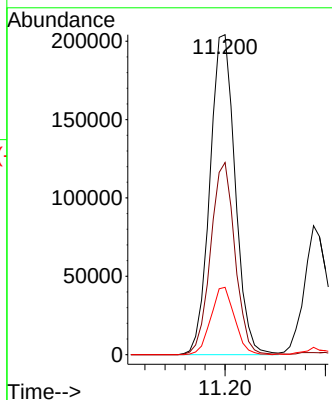
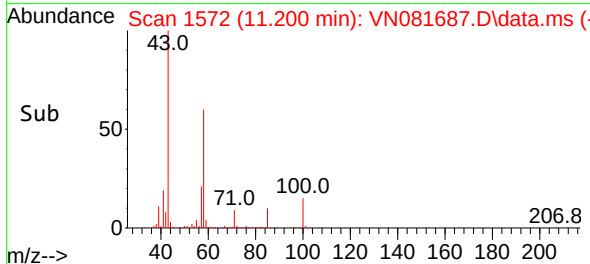
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS02



Tgt Ion: 43 Resp: 35668
Ion Ratio Lower Upper
43 100
58 57.7 50.4 75.6
57 19.8 18.6 27.8

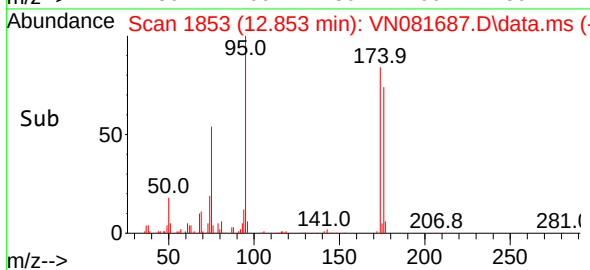
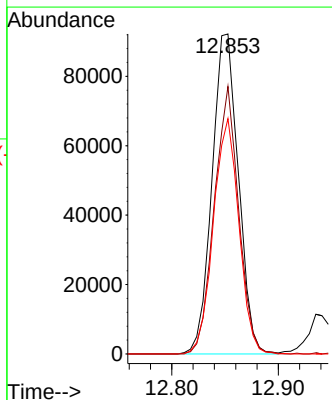
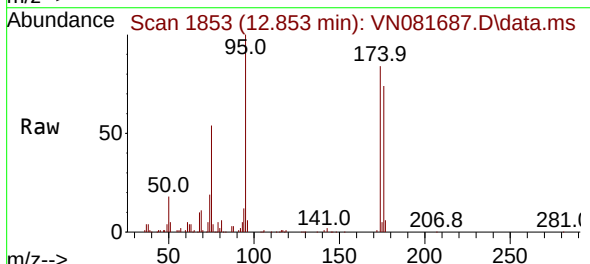
Manual Integrations
APPROVED

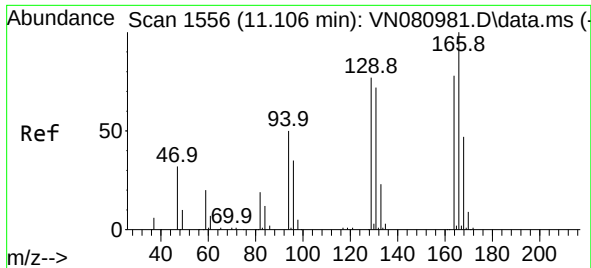
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#60
4-Bromofluorobenzene
Concen: 29.475 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

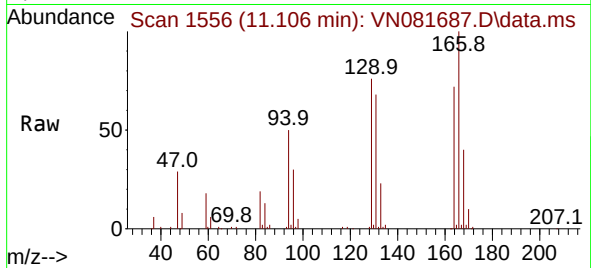
Tgt Ion: 95 Resp: 158650
Ion Ratio Lower Upper
95 100
174 77.4 60.5 90.7
176 71.0 57.8 86.6





#61
Tetrachloroethene
Concen: 19.182 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

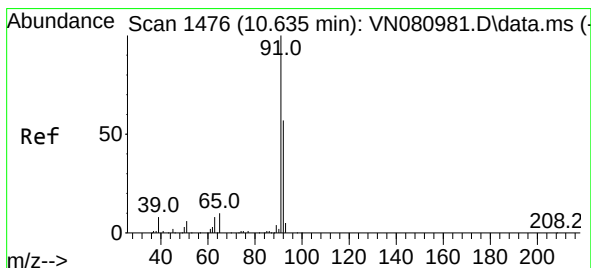
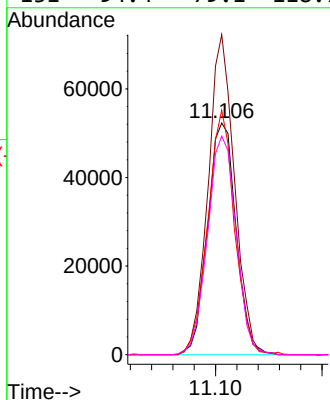
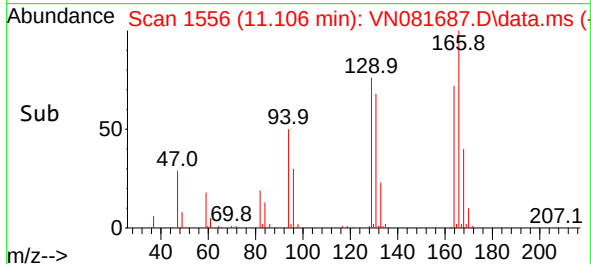
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS02



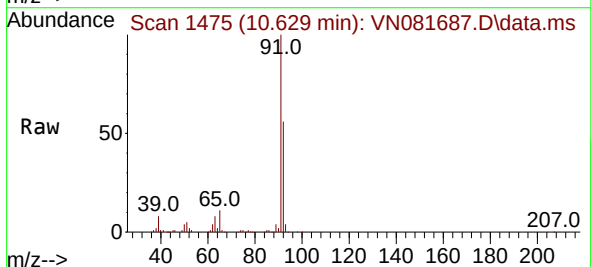
Tgt Ion:164 Resp: 97300
Ion Ratio Lower Upper
164 100
166 138.2 106.7 160.1
129 105.2 85.8 128.6
131 94.4 79.1 118.7

Manual Integrations
APPROVED

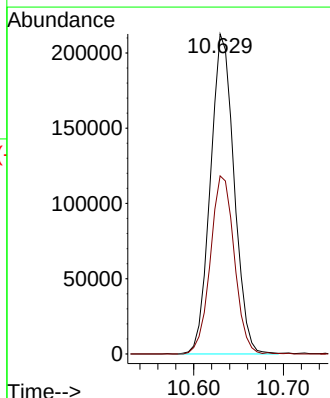
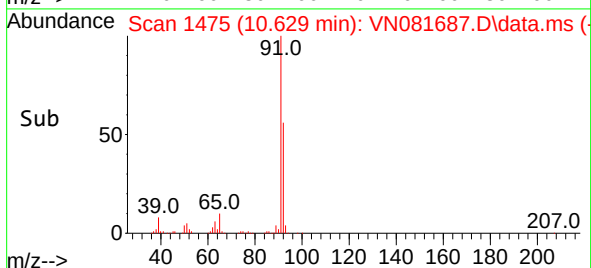
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

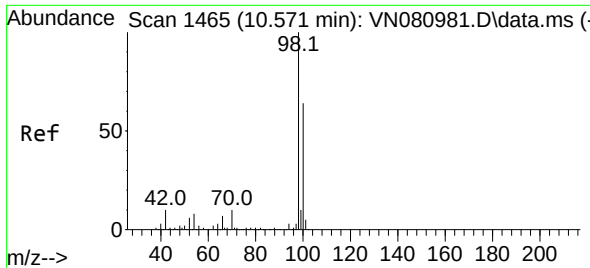


#62
Toluene
Concen: 19.551 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41



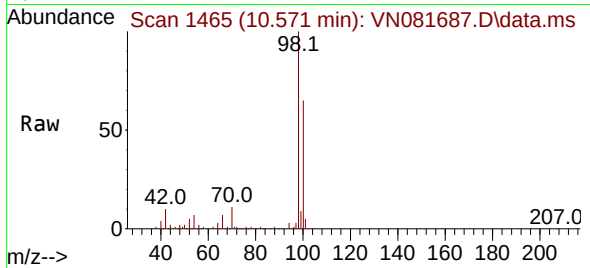
Tgt Ion: 91 Resp: 389407
Ion Ratio Lower Upper
91 100
92 56.1 46.5 69.7





#63
Toluene-d8
Concen: 29.960 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

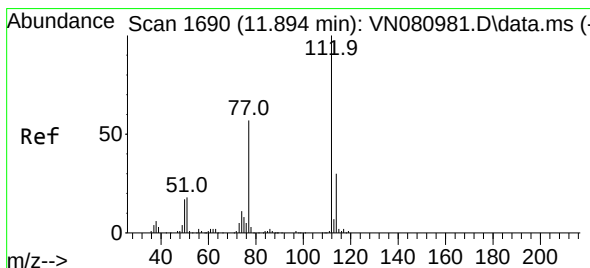
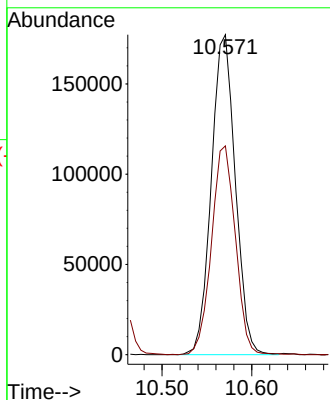
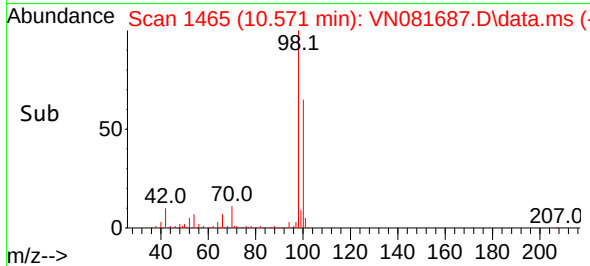
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS02



Tgt Ion: 98 Resp: 329014
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1

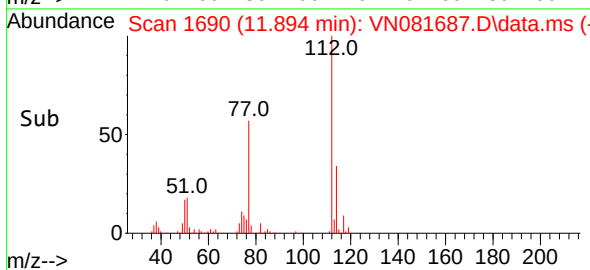
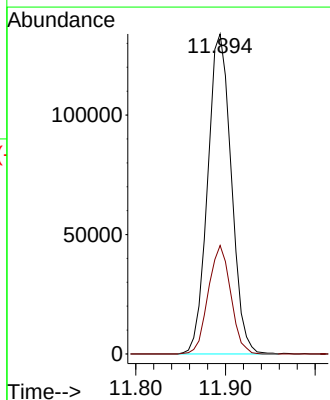
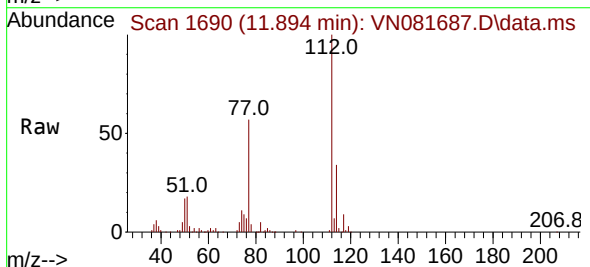
Manual Integrations
APPROVED

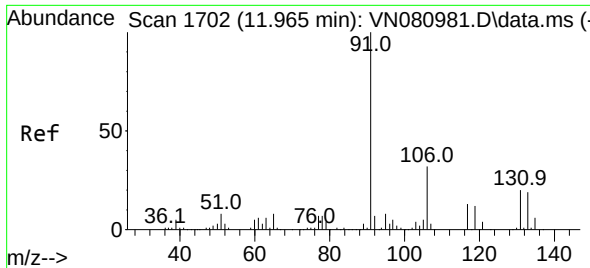
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#64
Chlorobenzene
Concen: 19.397 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

Tgt Ion:112 Resp: 244977
Ion Ratio Lower Upper
112 100
114 33.9 26.6 39.8





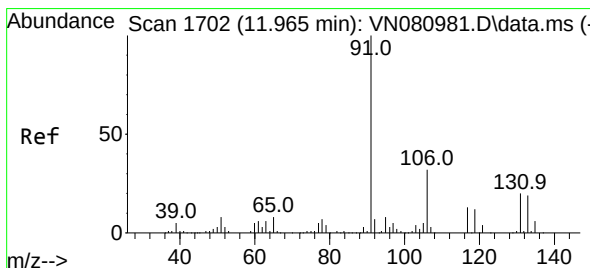
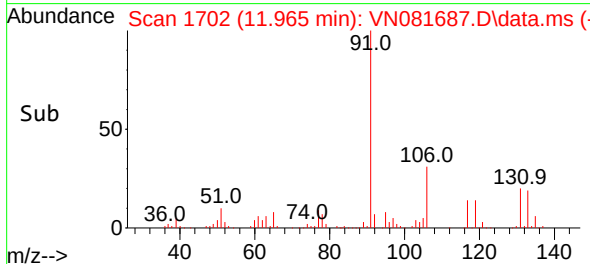
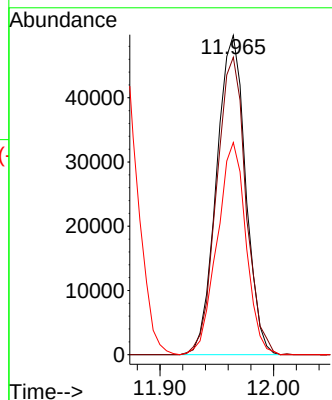
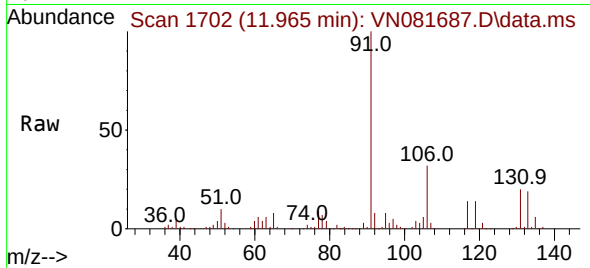
#65
1,1,1,2-Tetrachloroethane
Concen: 19.300 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS02

Tgt Ion:131 Resp: 88549
Ion Ratio Lower Upper
131 100
133 94.0 0.0 188.0
119 65.8 0.0 122.8

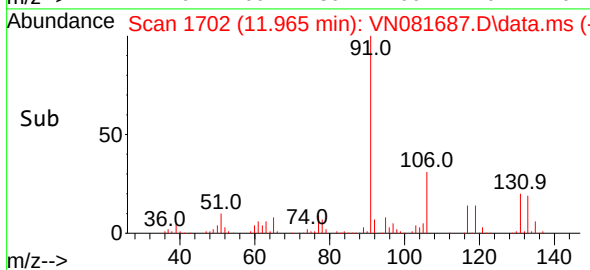
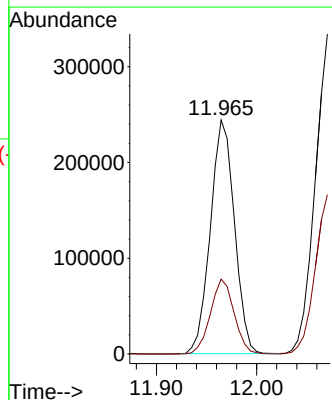
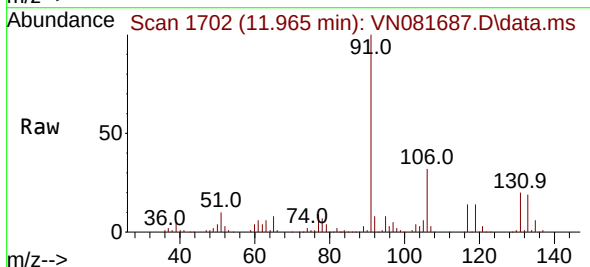
Manual Integrations
APPROVED

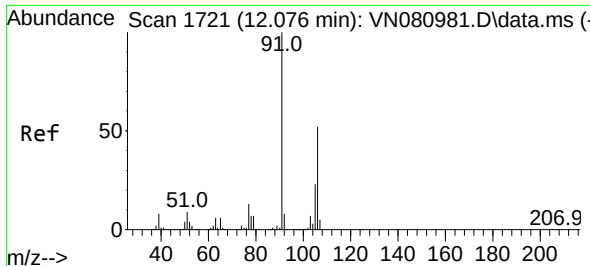
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#66
Ethyl Benzene
Concen: 19.216 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

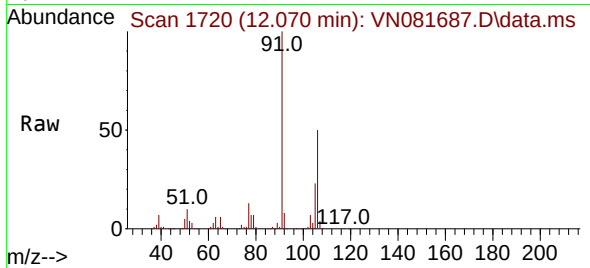
Tgt Ion: 91 Resp: 406922
Ion Ratio Lower Upper
91 100
106 32.0 24.4 36.6





#67
m/p-Xylenes
Concen: 39.108 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

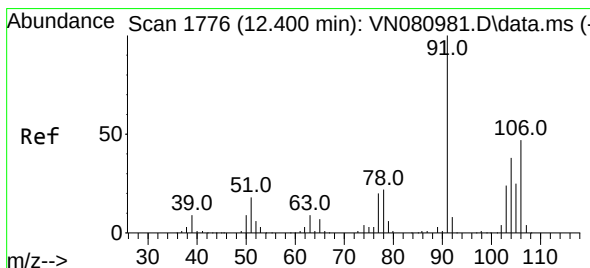
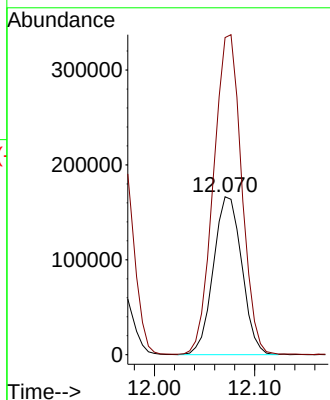
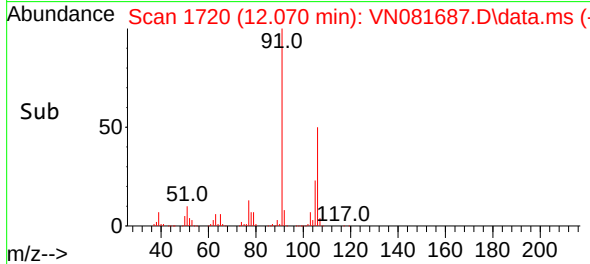
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS02



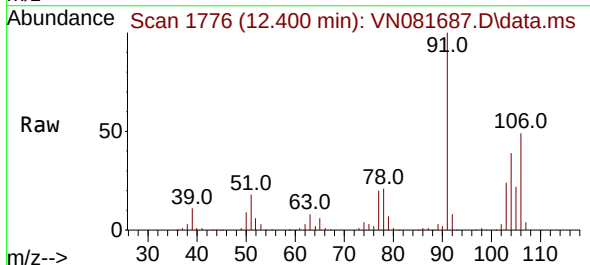
Tgt Ion:106 Resp: 32804
Ion Ratio Lower Upper
106 100
91 200.1 166.6 249.8

Manual Integrations
APPROVED

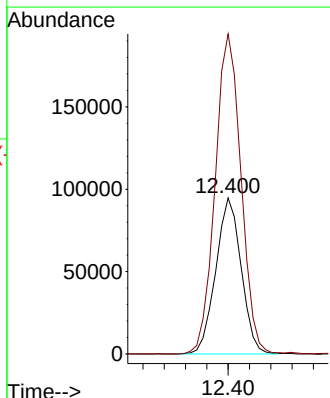
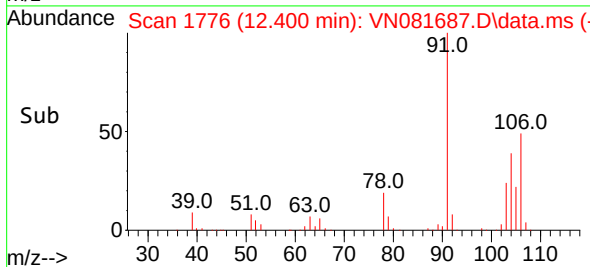
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

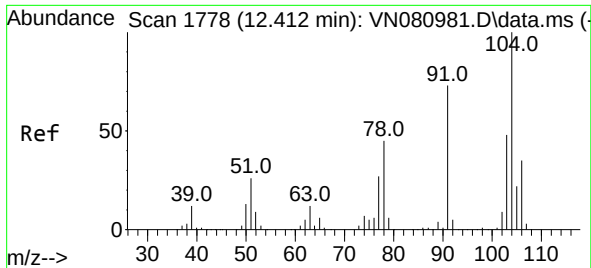


#68
o-Xylene
Concen: 19.693 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41



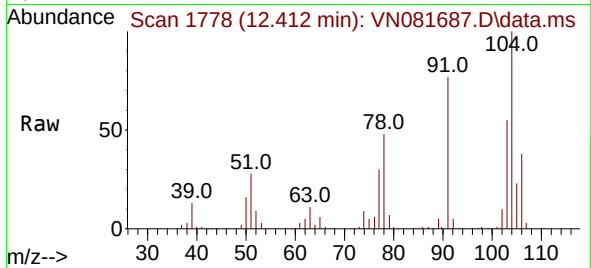
Tgt Ion:106 Resp: 156820
Ion Ratio Lower Upper
106 100
91 208.4 110.0 330.0





#69
Styrene
Concen: 19.050 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

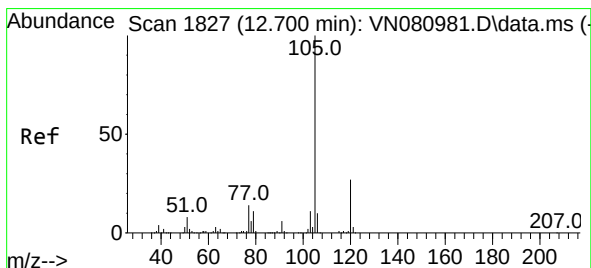
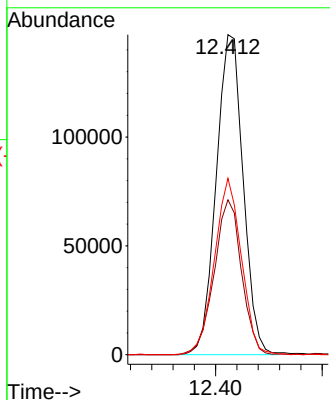
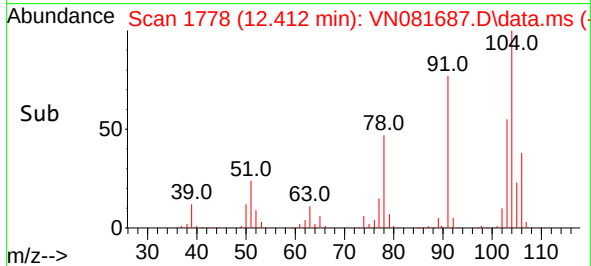
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS02



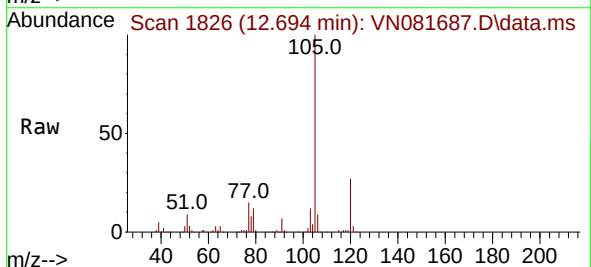
Tgt Ion:104 Resp: 258349
Ion Ratio Lower Upper
104 100
78 49.1 42.6 64.0
103 55.1 43.7 65.5

Manual Integrations
APPROVED

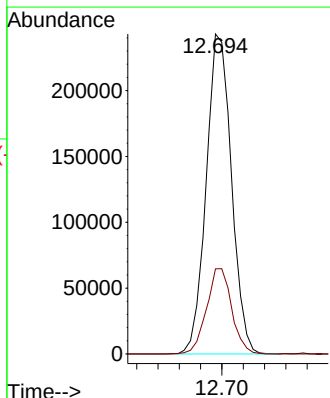
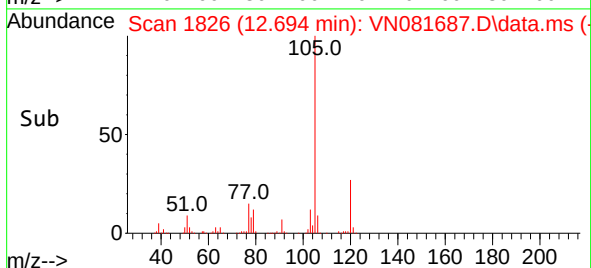
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

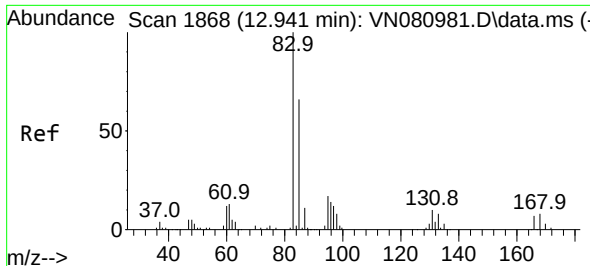


#70
Isopropylbenzene
Concen: 19.473 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41



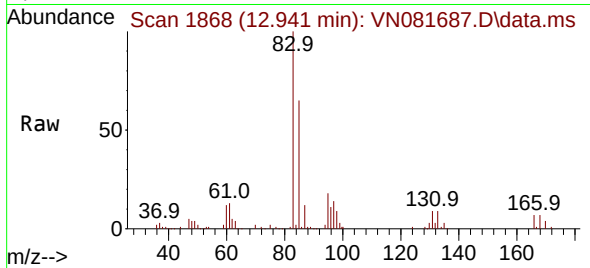
Tgt Ion:105 Resp: 400038
Ion Ratio Lower Upper
105 100
120 26.6 17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.277 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

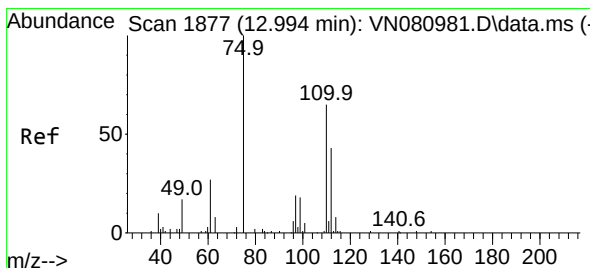
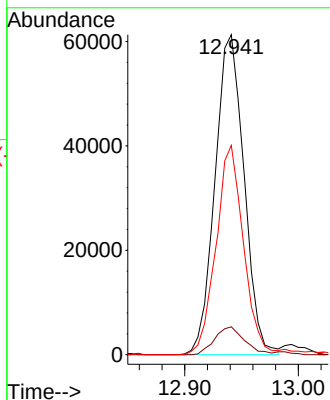
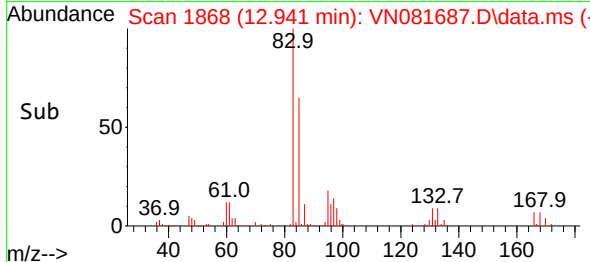
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS02



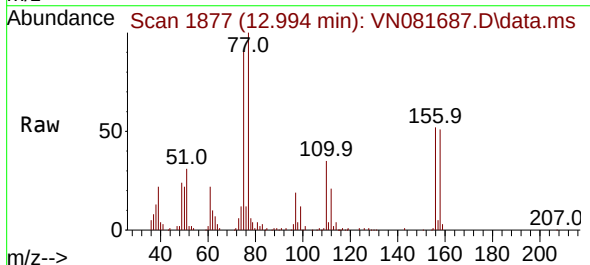
Tgt Ion: 83 Resp: 108818
Ion Ratio Lower Upper
83 100
131 9.0 5.2 15.6
85 61.8 32.3 96.8

Manual Integrations
APPROVED

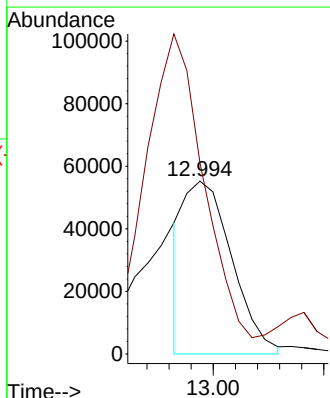
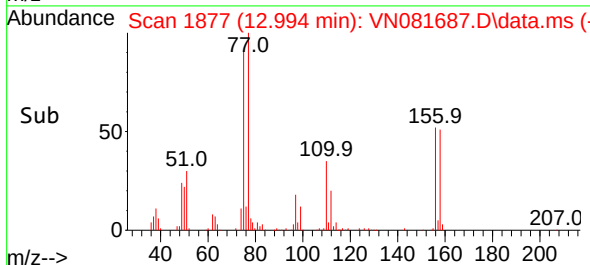
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

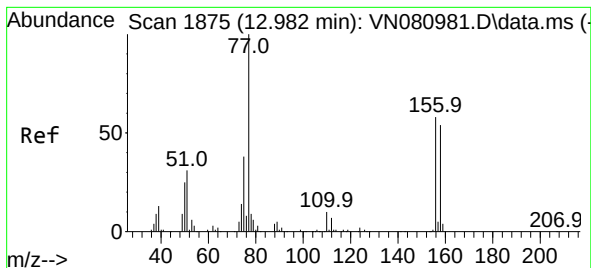


#72
1,2,3-Trichloropropane
Concen: 16.821 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41



Tgt Ion: 75 Resp: 83573
Ion Ratio Lower Upper
75 100
77 232.3 0.0 367.6





#73

Bromobenzene

Concen: 19.556 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081687.D

Acq: 10 Apr 2024 17:41

Instrument :

MSVOA_N

ClientSampleId :

VN0410WBS02

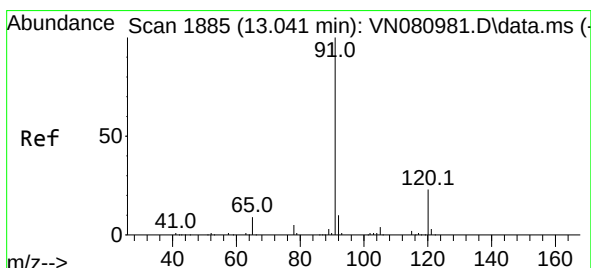
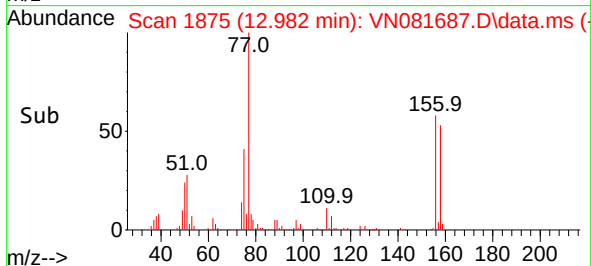
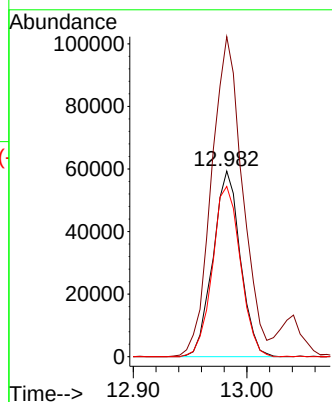
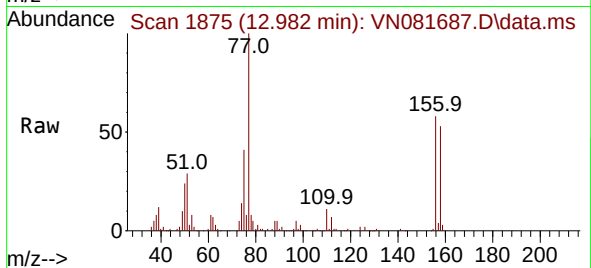
Tgt Ion:	156	Resp:	99549
Ion Ratio	Lower	Upper	
156	100		
77	195.0	0.0	437.6
158	93.7	0.0	203.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2024

Supervised By :Mahesh Dadoda 04/11/2024



#74

n-propylbenzene

Concen: 19.264 ug/l

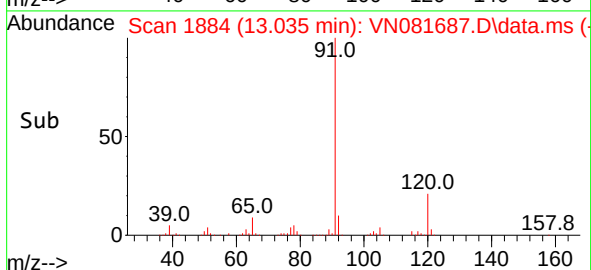
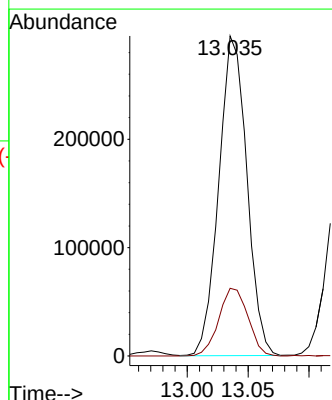
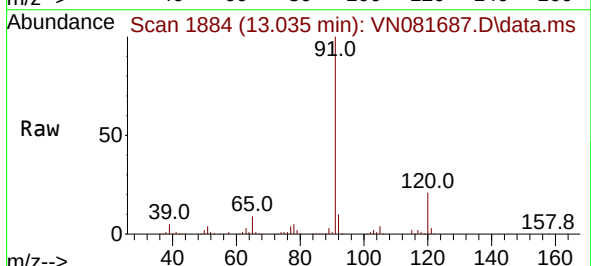
RT: 13.035 min Scan# 1884

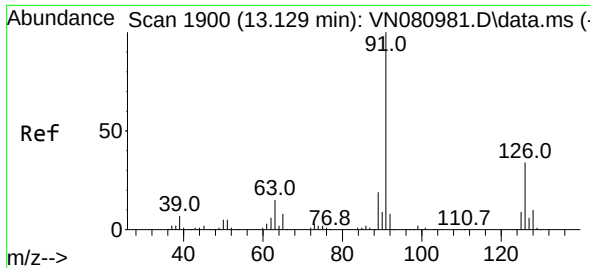
Delta R.T. -0.000 min

Lab File: VN081687.D

Acq: 10 Apr 2024 17:41

Tgt Ion:	91	Resp:	473727
Ion Ratio	Lower	Upper	
91	100		
120	22.0	0.0	43.8





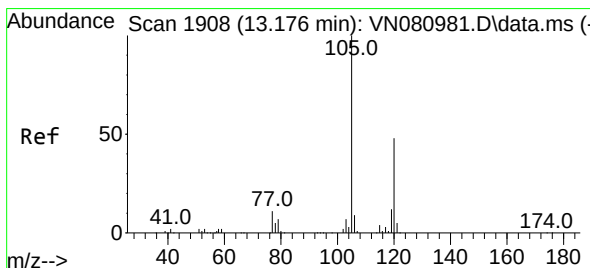
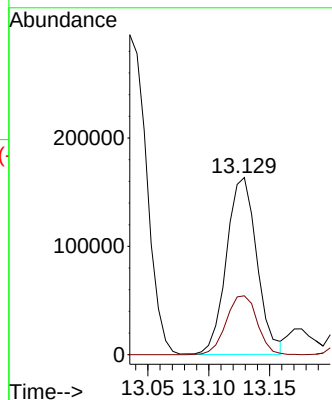
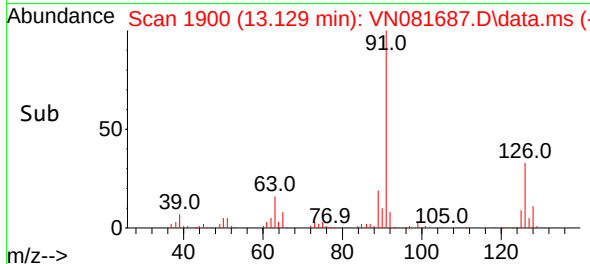
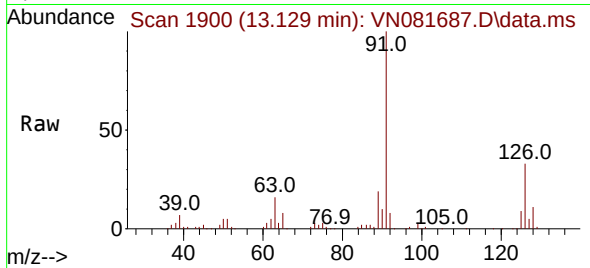
#75
2-Chlorotoluene
Concen: 19.429 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS02

Tgt Ion: 91 Resp: 284649
Ion Ratio Lower Upper
91 100
126 33.9 0.0 61.2

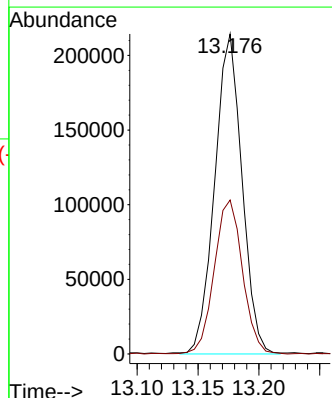
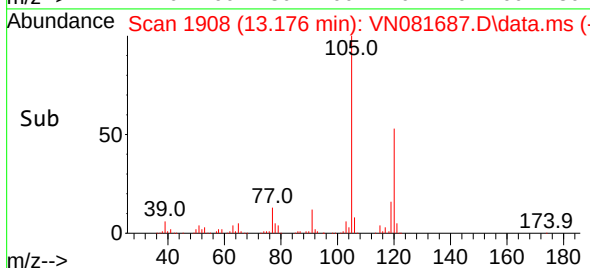
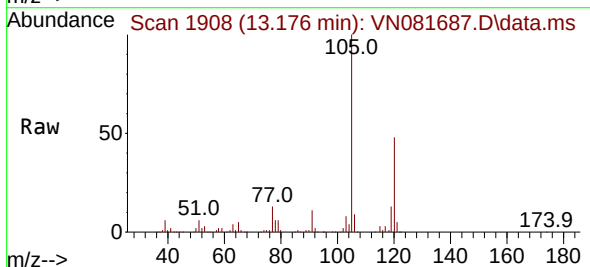
Manual Integrations
APPROVED

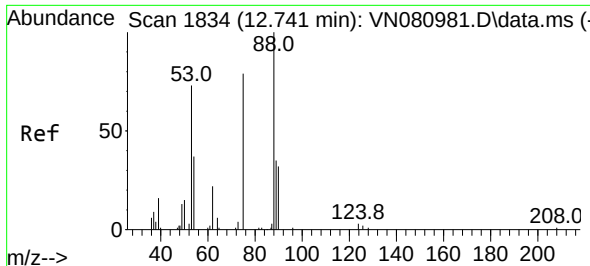
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#76
1,3,5-Trimethylbenzene
Concen: 19.164 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

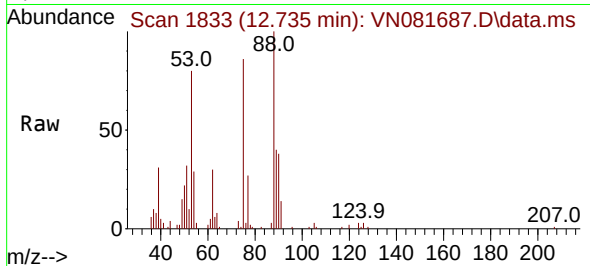
Tgt Ion:105 Resp: 334153
Ion Ratio Lower Upper
105 100
120 49.7 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.090 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

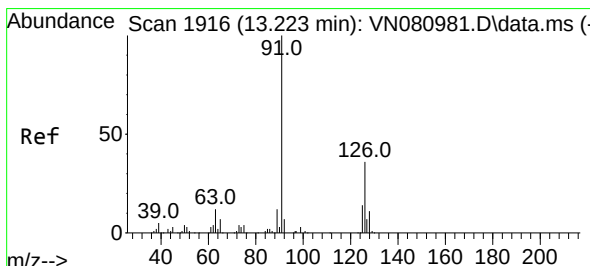
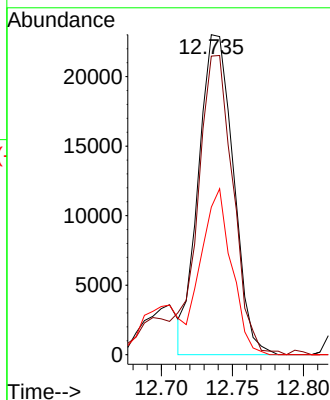
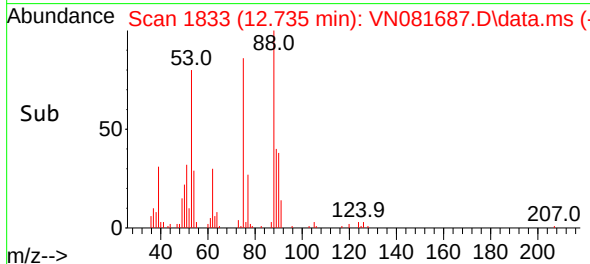
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS02



Tgt Ion: 75 Resp: 39279
Ion Ratio Lower Upper
75 100
53 92.2 45.9 137.7
89 46.1 25.9 77.7

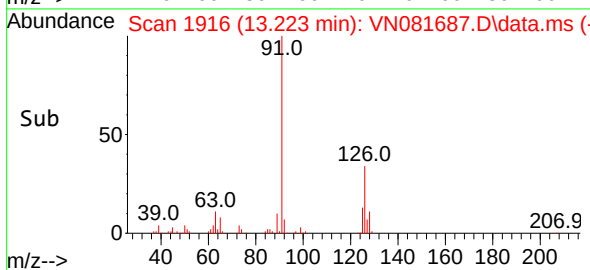
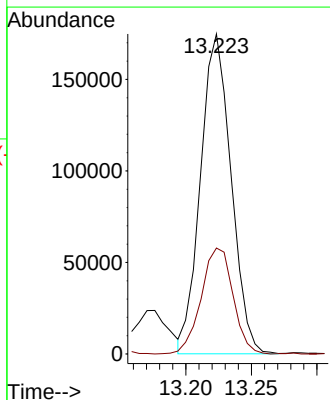
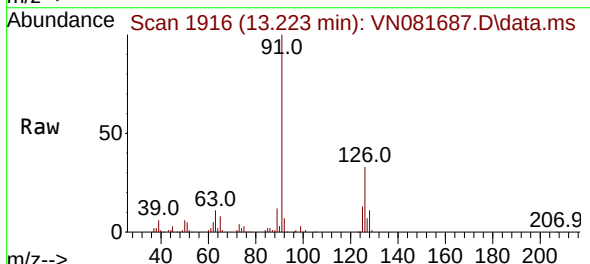
Manual Integrations
APPROVED

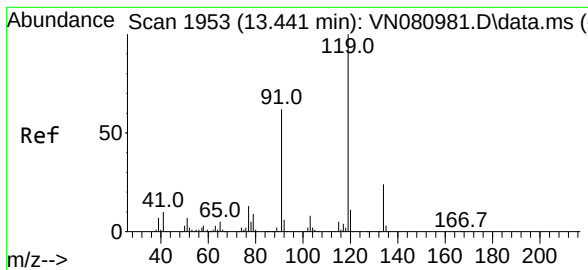
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#78
4-Chlorotoluene
Concen: 19.495 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

Tgt Ion: 91 Resp: 283276
Ion Ratio Lower Upper
91 100
126 34.5 0.0 62.8





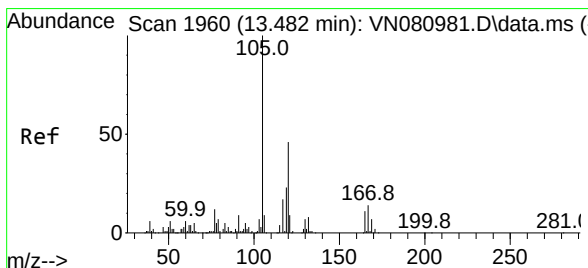
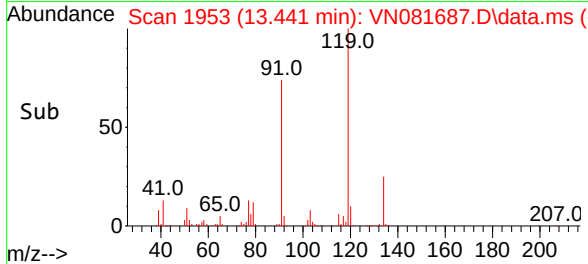
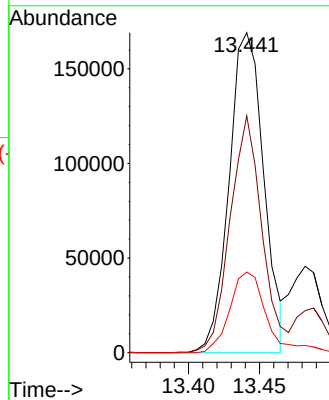
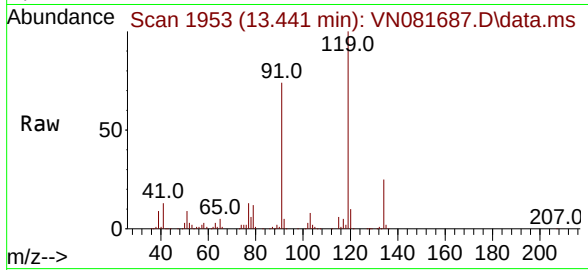
#79
tert-butylbenzene
Concen: 19.385 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS02

Tgt Ion:119 Resp: 287564
Ion Ratio Lower Upper
119 100
91 68.3 0.0 138.8
134 26.8 0.0 48.6

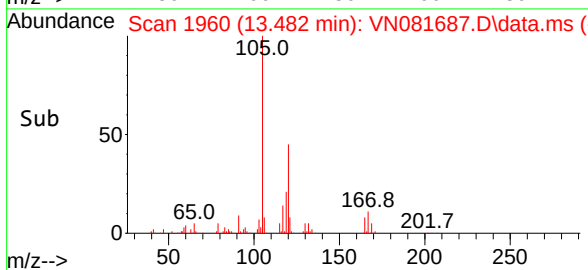
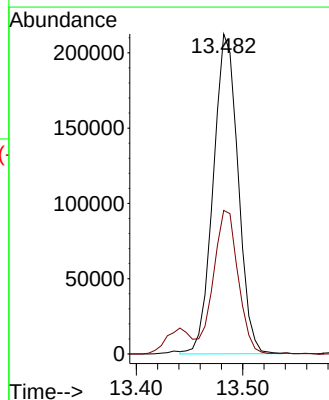
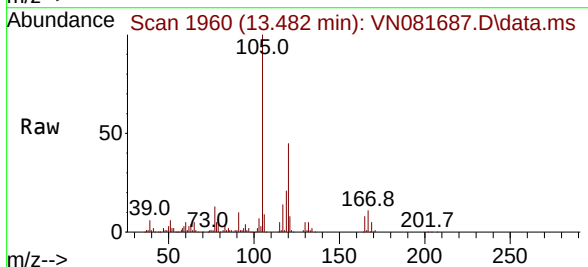
Manual Integrations
APPROVED

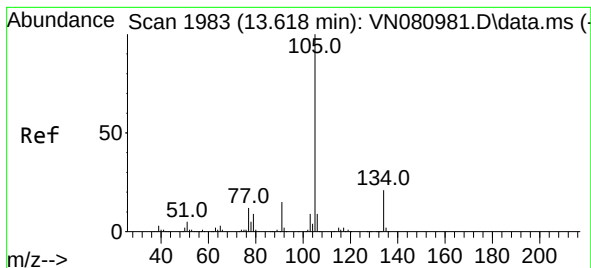
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#80
1,2,4-Trimethylbenzene
Concen: 19.775 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

Tgt Ion:105 Resp: 343876
Ion Ratio Lower Upper
105 100
120 45.0 0.0 86.8





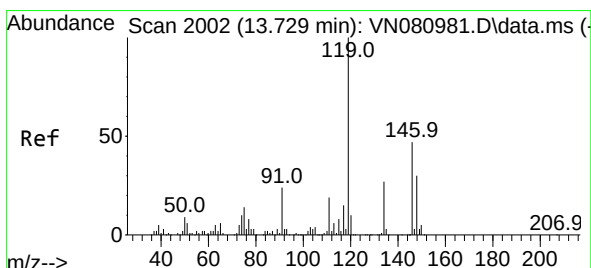
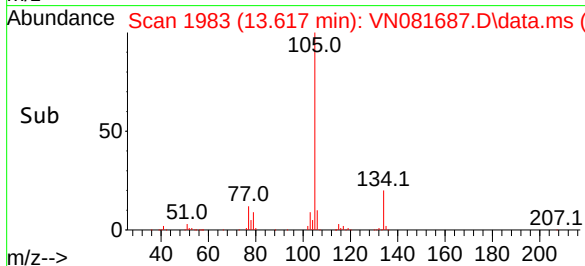
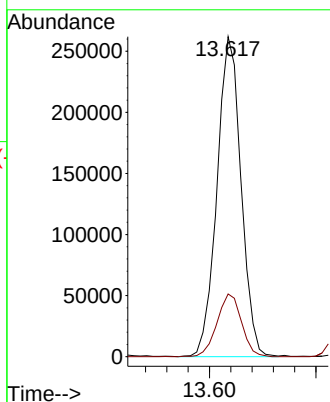
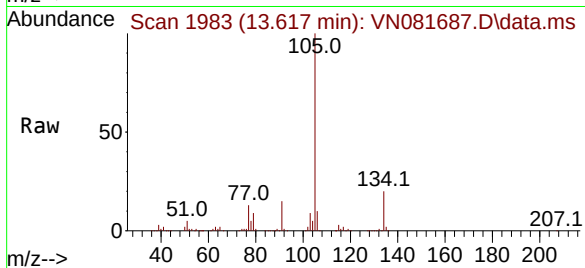
#81
 sec-Butylbenzene
 Concen: 19.182 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081687.D
 Acq: 10 Apr 2024 17:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0410WBS02

Tgt Ion:105 Resp: 410375
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 39.0

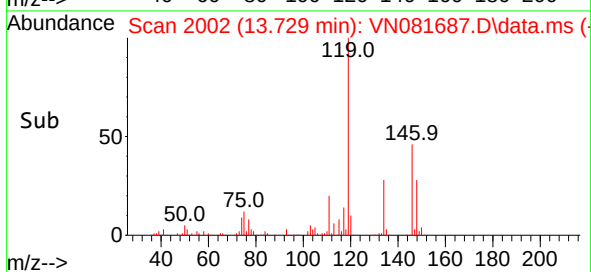
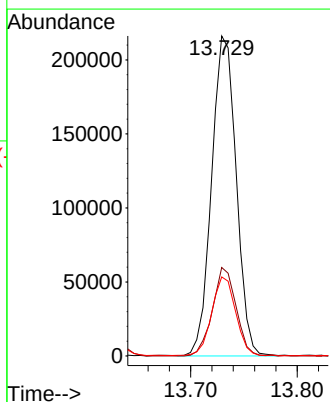
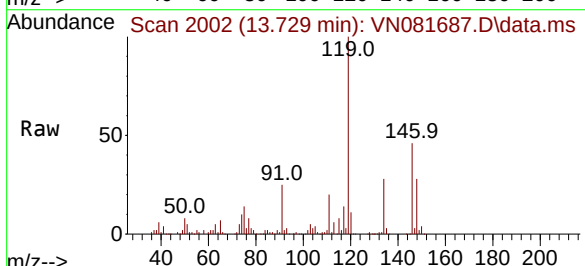
Manual Integrations
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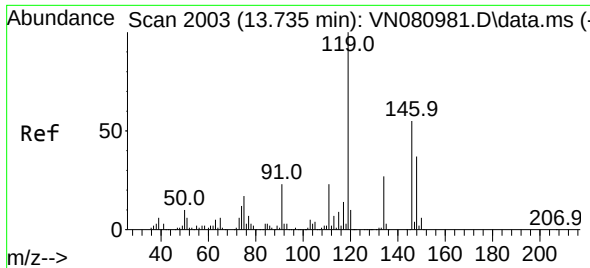
Reviewed By :John Carlone 04/11/2024
 Supervised By :Mahesh Dadoda 04/11/2024



#82
 p-Isopropyltoluene
 Concen: 19.320 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081687.D
 Acq: 10 Apr 2024 17:41

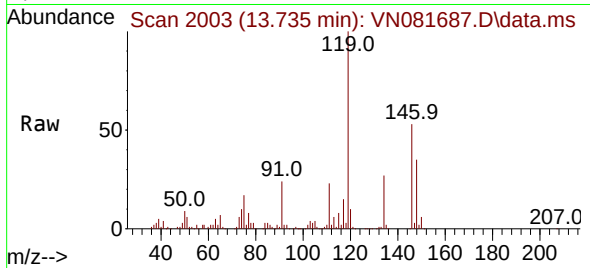
Tgt Ion:119 Resp: 346644
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 49.2
 91 23.9 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 19.437 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

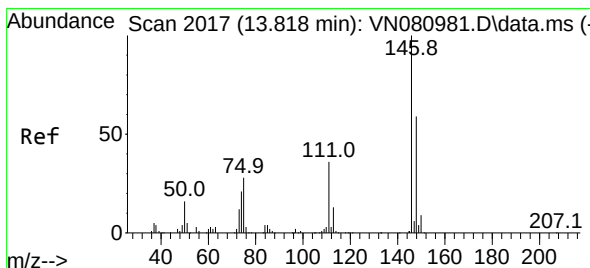
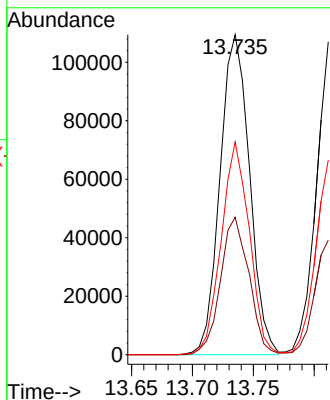
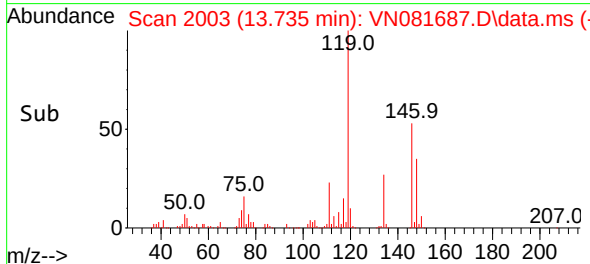
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS02



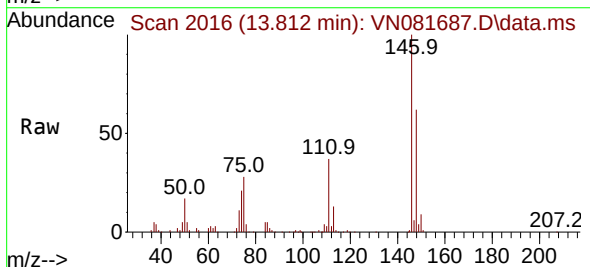
Tgt Ion:146 Resp: 18491
Ion Ratio Lower Upper
146 100
111 41.5 22.4 67.0
148 63.4 32.1 96.5

Manual Integrations
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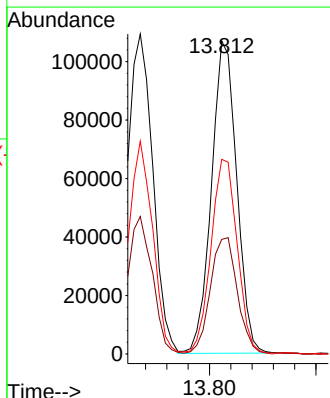
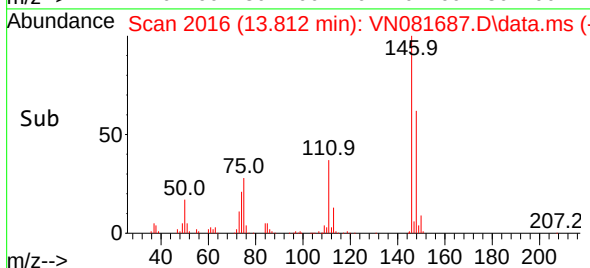
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

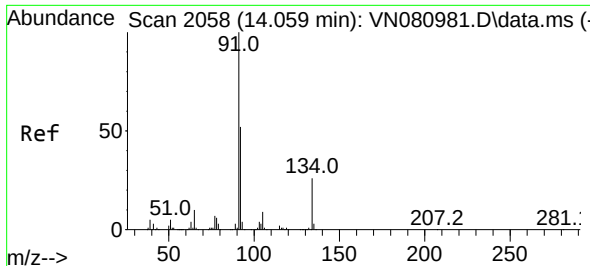


#84
1,4-Dichlorobenzene
Concen: 19.097 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41



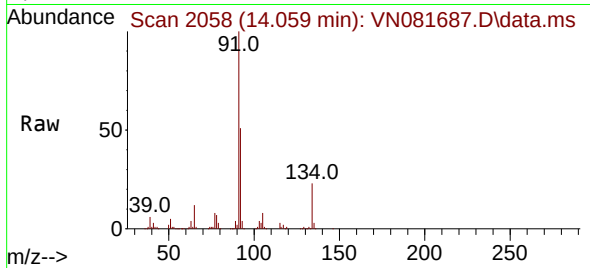
Tgt Ion:146 Resp: 175865
Ion Ratio Lower Upper
146 100
111 39.3 21.3 63.9
148 64.7 31.9 95.5





#85
n-Butylbenzene
Concen: 18.414 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

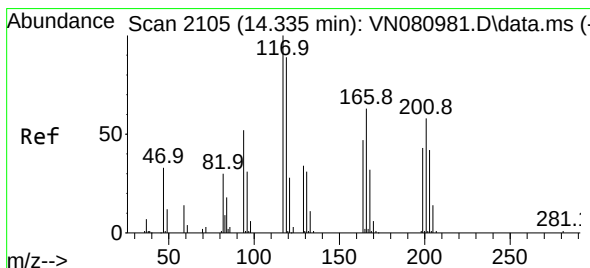
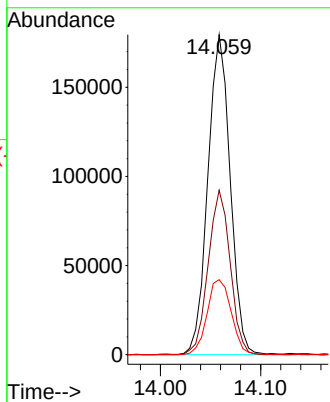
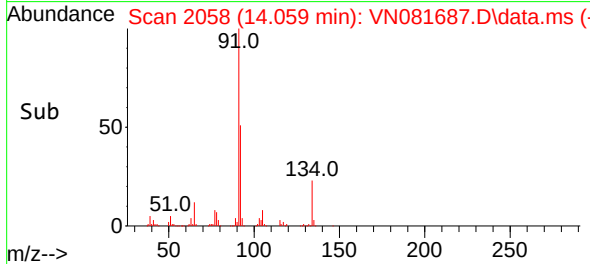
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS02



Tgt Ion: 91 Resp: 278294
Ion Ratio Lower Upper
91 100
92 50.5 0.0 105.0
134 25.4 0.0 51.8

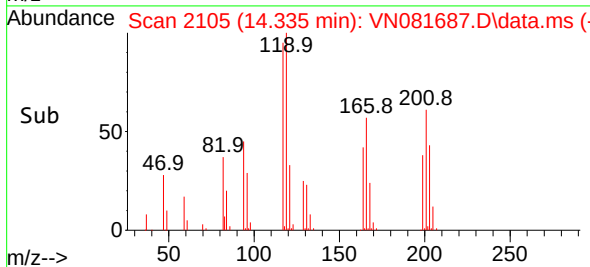
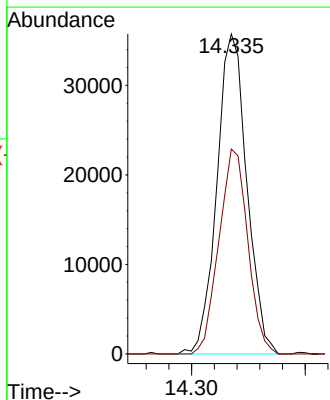
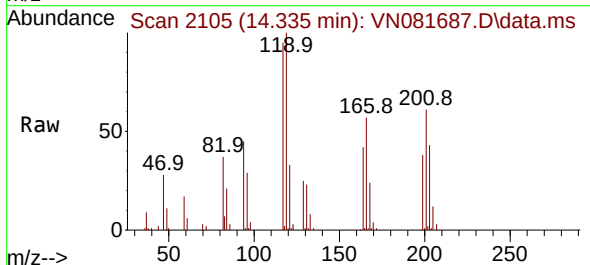
Manual Integrations
APPROVED

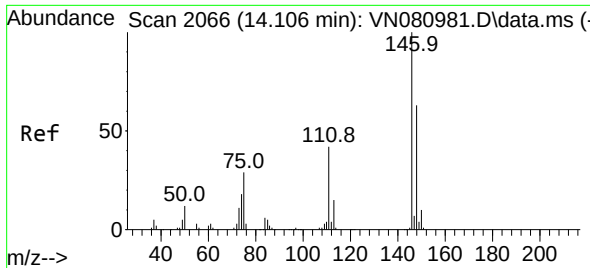
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#86
Hexachloroethane
Concen: 19.128 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

Tgt Ion:117 Resp: 65568
Ion Ratio Lower Upper
117 100
201 61.6 38.0 114.0





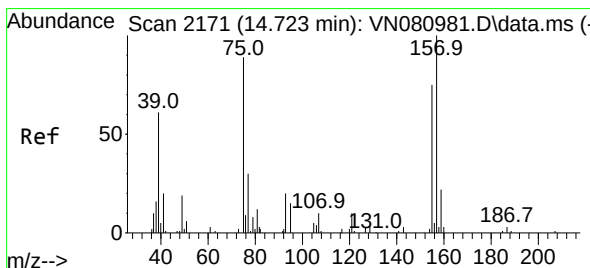
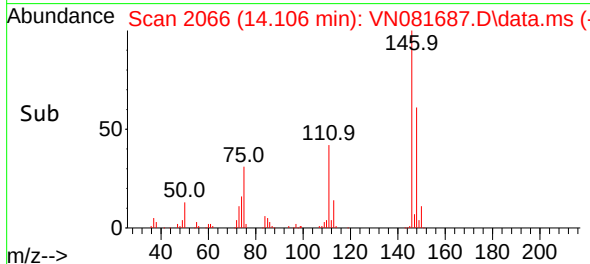
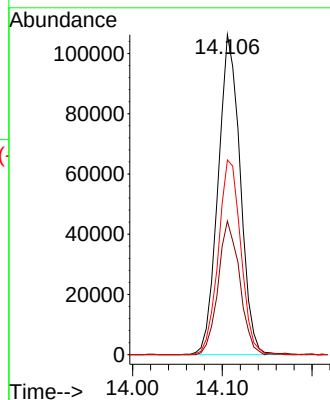
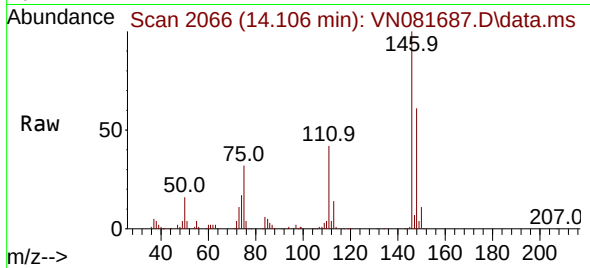
#87
1,2-Dichlorobenzene
Concen: 20.077 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS02

Tgt Ion:146 Resp: 181809
Ion Ratio Lower Upper
146 100
111 40.5 22.6 67.8
148 61.7 31.3 93.8

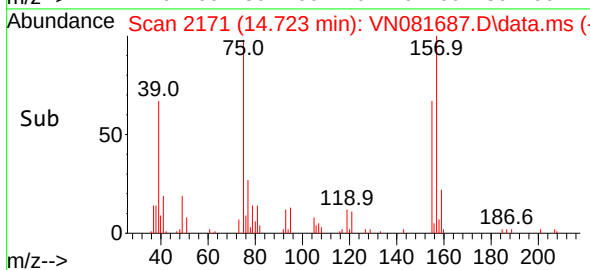
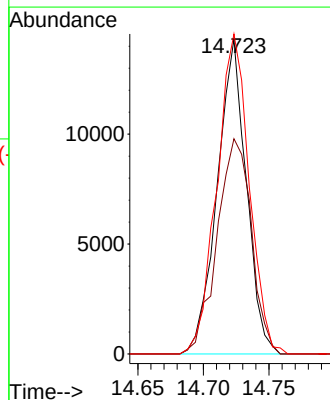
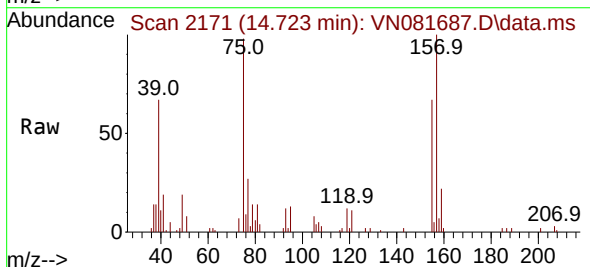
Manual Integrations
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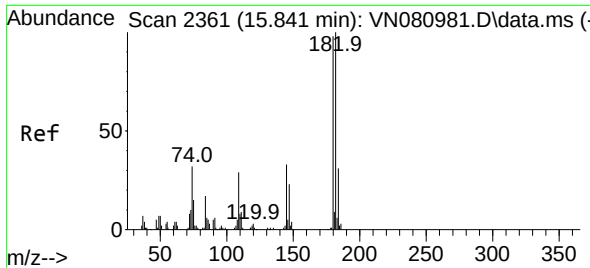
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.888 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

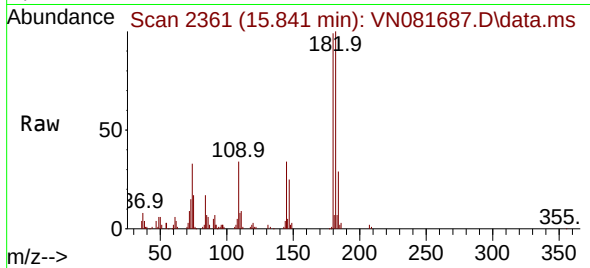
Tgt Ion: 75 Resp: 22097
Ion Ratio Lower Upper
75 100
155 80.6 61.7 92.5
157 112.9 83.6 125.4





#89
1,2,4-Trichlorobenzene
Concen: 18.172 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

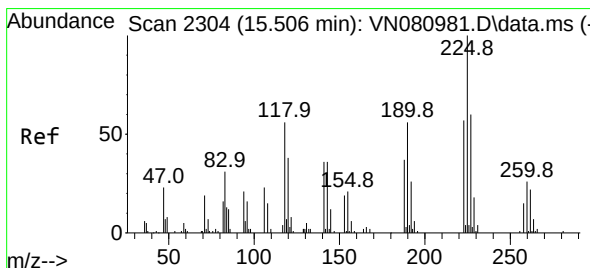
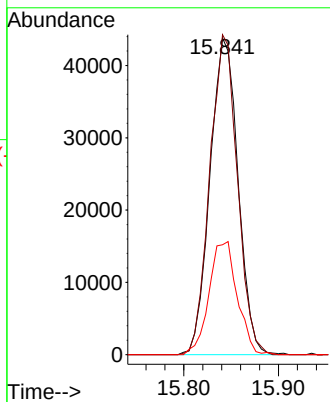
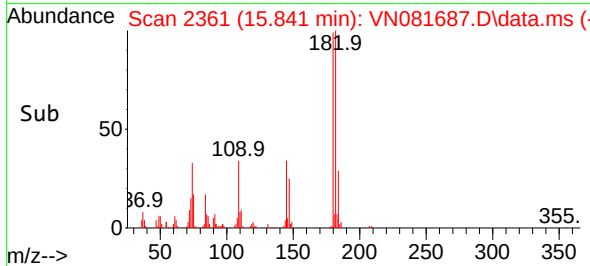
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS02



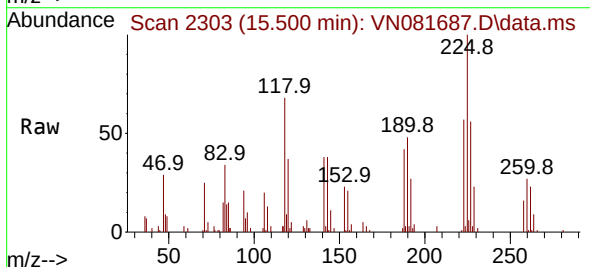
Tgt Ion:180 Resp: 9019
Ion Ratio Lower Upper
180 100
182 99.2 76.4 114.6
145 35.7 28.4 42.6

Manual Integrations
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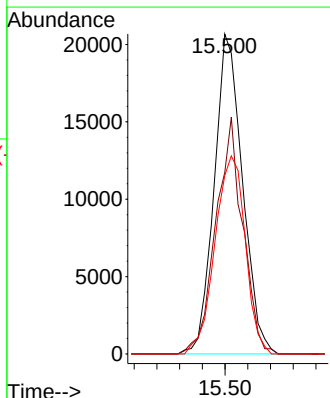
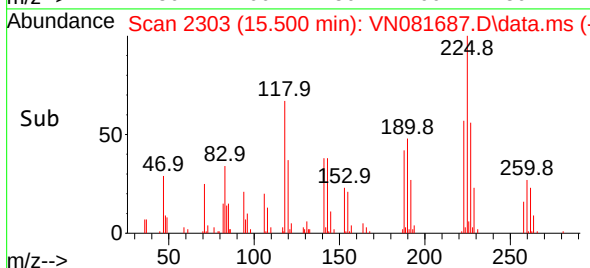
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

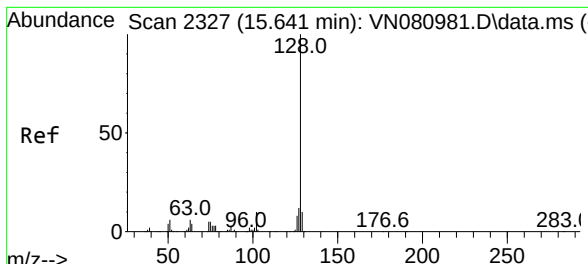


#90
Hexachlorobutadiene
Concen: 17.995 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41



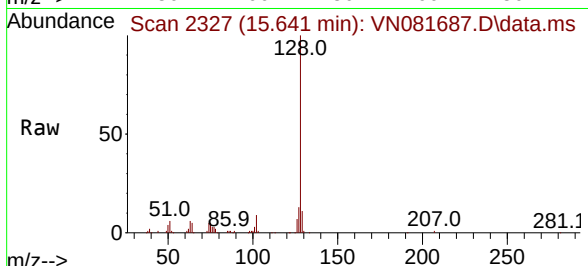
Tgt Ion:225 Resp: 35792
Ion Ratio Lower Upper
225 100
223 70.2 0.0 126.6
227 66.2 0.0 126.6





#91
Naphthalene
Concen: 18.432 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

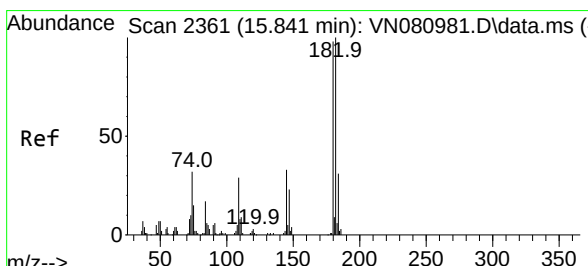
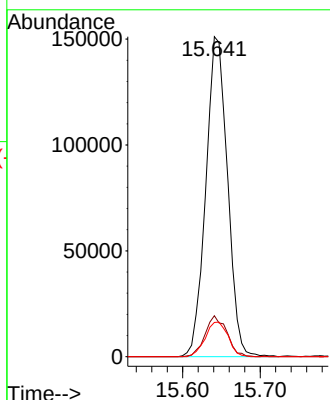
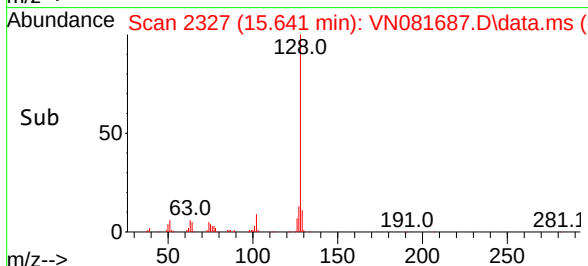
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS02



Tgt Ion:128 Resp: 29412
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 11.3 8.6 13.0

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Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#92
1,2,3-Trichlorobenzene
Concen: 18.172 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN081687.D
Acq: 10 Apr 2024 17:41

Tgt Ion:180 Resp: 90195
Ion Ratio Lower Upper
180 100
182 99.2 0.0 191.0
145 35.7 0.0 71.0

