

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112724\
 Data File : VN085052.D
 Acq On : 27 Nov 2024 11:44
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/02/2024
 Supervised By : Mahesh Dadoda 12/02/2024

Quant Time: Nov 28 05:29:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	28768	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	155364	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	140160	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	68683	29.697	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.000%		
60) 4-Bromofluorobenzene	12.847	95	69898	28.963	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	96.533%		
63) Toluene-d8	10.559	98	194573	29.324	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	97.733%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	32108	19.189	ug/l	92
3) Chloromethane	2.360	50	36305	18.022	ug/l	99
4) Vinyl Chloride	2.512	62	34247	18.308	ug/l	93
5) Bromomethane	2.907	94	20454	21.543	ug/l	99
6) Chloroethane	3.095	64	22115	18.006	ug/l	95
7) Trichlorofluoromethane	3.483	101	60605	19.949	ug/l	100
8) Diethyl Ether	3.954	74	20120	18.567	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	34854m	20.301	ug/l	
10) 1,1-Dichloroethene	4.336	96	31686	18.900	ug/l	84
11) Methyl Iodide	4.577	142	44759	19.424	ug/l	93
12) Methyl Acetate	5.012	43	39912	15.273	ug/l	97
13) Acrolein	4.171	56	26026	80.759	ug/l	99
14) Acrylonitrile	5.706	53	70252	82.173	ug/l	98
15) Acetone	4.430	58	19905	90.614	ug/l	80
16) Carbon Disulfide	4.706	76	87074	17.651	ug/l #	94
17) Allyl chloride	5.018	41	47007	16.455	ug/l	98
18) Methylene Chloride	5.277	84	35804m	18.224	ug/l	
19) trans-1,2-Dichloroethene	5.783	96	33359	18.983	ug/l	96
20) Diisopropyl ether	6.659	45	106175	18.566	ug/l	97
21) 1,1-Dichloroethane	6.559	63	63087	18.343	ug/l	98
22) cis-1,2-Dichloroethene	7.477	96	39150	18.660	ug/l	94
23) tert-Butyl Alcohol	5.530	59	22129	74.143	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	98204	18.113	ug/l	99
25) Chloroform	7.959	83	67090	19.040	ug/l	94
26) Cyclohexane	8.247	56	47100	17.929	ug/l #	96
29) 1,1-Dichloropropene	8.365	75	43484	18.582	ug/l	98
30) 2-Butanone	7.477	43	92302	85.508	ug/l	99
31) 2,2-Dichloropropane	7.483	77	59687	20.895	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	61002	19.188	ug/l	99
33) Carbon Tetrachloride	8.353	117	52364	19.302	ug/l	99
34) Benzene	8.600	78	140743	18.196	ug/l	96
35) Methacrylonitrile	7.777	41	23218	18.148	ug/l	95
36) 1,2-Dichloroethane	8.665	62	48214	18.744	ug/l	100
37) Trichloroethene	9.347	130	32956	18.887	ug/l	98
38) Methylcyclohexane	9.594	83	45352	18.003	ug/l	97
39) 1,2-Dichloropropane	9.618	63	34717	18.645	ug/l	100
40) Dibromomethane	9.706	93	23524	18.060	ug/l	98
41) Bromodichloromethane	9.883	83	51250	18.353	ug/l	100
42) Vinyl Acetate	6.595	43	353293	87.561	ug/l	99

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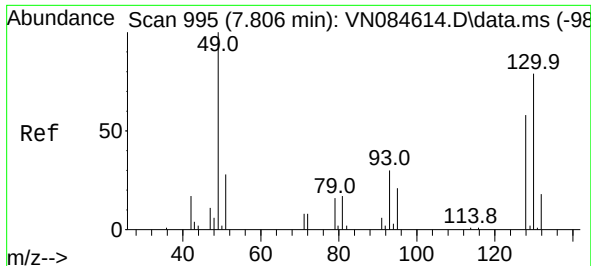
Manual Integrations
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Reviewed By :John Carlone 12/02/2024
 Supervised By :Mahesh Dadoda 12/02/2024

Quant Time: Nov 28 05:29:59 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	36167	15.945	ug/l	100
44) Isopropyl Acetate	8.683	43	73039	15.903	ug/l	99
45) 1,4-Dioxane	9.694	88	9606	313.277	ug/l #	70
46) Methyl methacrylate	9.677	41	30198	16.361	ug/l	96
47) n-amyl Acetate	12.488	43	53926	15.721	ug/l	98
48) t-1,3-Dichloropropene	10.830	75	50213	18.211	ug/l	96
49) cis-1,3-Dichloropropene	10.306	75	55495	18.779	ug/l	95
50) 1,1,2-Trichloroethane	11.012	97	32725	18.730	ug/l	95
51) Ethyl methacrylate	10.871	69	45017	16.715	ug/l	96
52) 1,3-Dichloropropane	11.159	76	54569	17.993	ug/l	99
53) Dibromochloromethane	11.353	129	38954	19.052	ug/l	98
54) 1,2-Dibromoethane	11.465	107	31988	18.102	ug/l	97
55) 2-Chloroethyl vinyl ether	10.153	63	109569	82.982	ug/l	99
56) Bromoform	12.576	173	24443	17.835	ug/l	98
58) 4-Methyl-2-Pentanone	10.441	43	186087	84.157	ug/l	99
59) 2-Hexanone	11.194	43	135441	83.648	ug/l	99
61) Tetrachloroethene	11.100	164	28161	19.198	ug/l	96
62) Toluene	10.624	91	148738	18.632	ug/l	98
64) Chlorobenzene	11.888	112	92200	19.132	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.959	131	34478	19.467	ug/l	100
66) Ethyl Benzene	11.959	91	151524	18.061	ug/l	97
67) m/p-Xylenes	12.071	106	118829	36.996	ug/l	99
68) o-Xylene	12.394	106	57067	18.418	ug/l	99
69) Styrene	12.406	104	96817	18.636	ug/l	99
70) Isopropylbenzene	12.694	105	143806	18.684	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	44600	17.878	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	39678m	18.626	ug/l	
73) Bromobenzene	12.976	156	38185	19.235	ug/l	98
74) n-propylbenzene	13.029	91	169659	18.850	ug/l	100
75) 2-Chlorotoluene	13.124	91	111064	18.949	ug/l	97
76) 1,3,5-Trimethylbenzene	13.171	105	126463	19.230	ug/l	99
77) t-1,4-Dichloro-2-butene	12.729	75	14332	16.404	ug/l	92
78) 4-Chlorotoluene	13.218	91	112705	19.032	ug/l	99
79) tert-butylbenzene	13.435	119	103660	19.061	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	128927	19.433	ug/l	97
81) sec-Butylbenzene	13.612	105	145710	19.444	ug/l	99
82) p-Isopropyltoluene	13.723	119	121657	19.321	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	69442	18.914	ug/l	97
84) 1,4-Dichlorobenzene	13.806	146	69922	19.274	ug/l	97
85) n-Butylbenzene	14.053	91	100159	18.939	ug/l	98
86) Hexachloroethane	14.329	117	24888	19.327	ug/l	100
87) 1,2-Dichlorobenzene	14.100	146	66779	18.458	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.718	75	7992	16.603	ug/l	96
89) 1,2,4-Trichlorobenzene	15.835	180	34063	19.337	ug/l	97
90) Hexachlorobutadiene	15.500	225	16934	22.008	ug/l	94
91) Naphthalene	15.641	128	94116	16.730	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	34063	19.337	ug/l	97

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

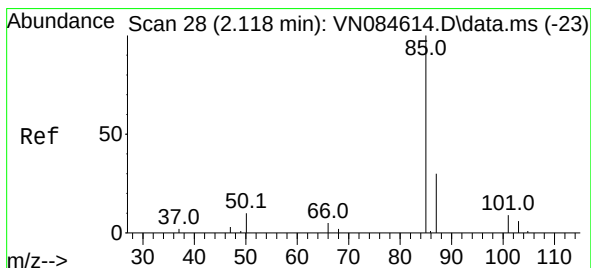
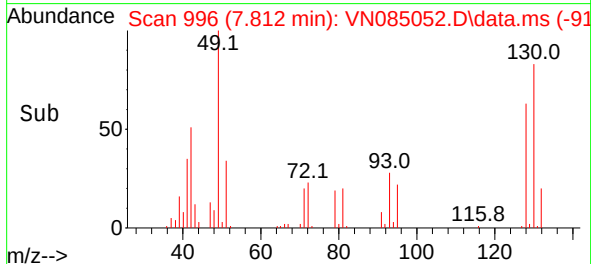
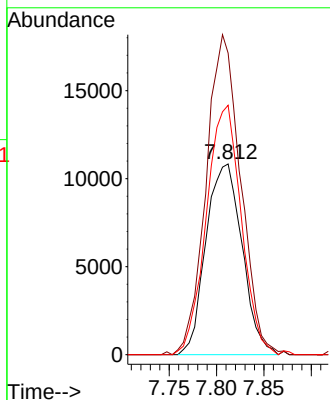
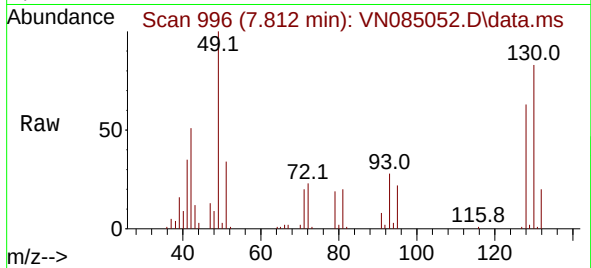
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Ion Ratio Lower Upper
128 100
49 160.3 0.0 427.0
130 126.2 0.0 322.2

Manual Integrations

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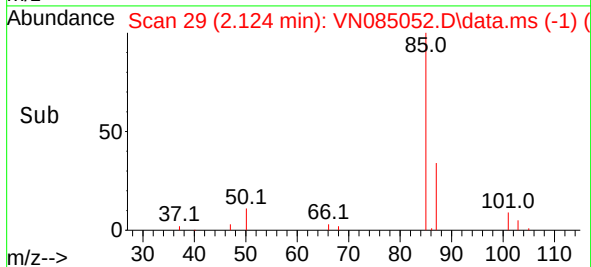
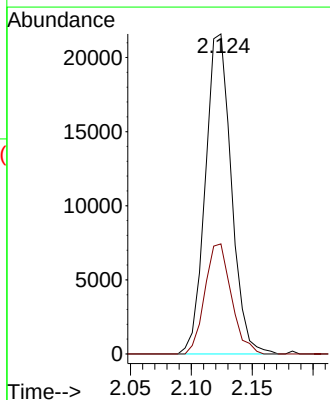
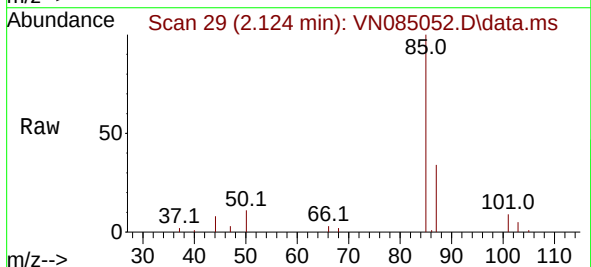
Reviewed By :John Carlone 12/02/2024

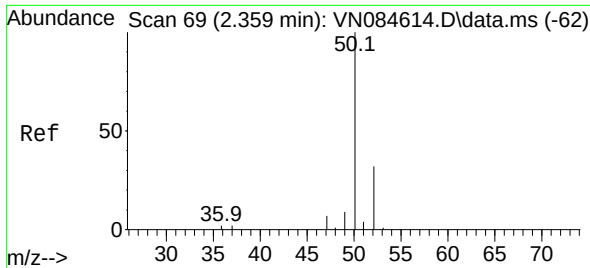
Supervised By :Mahesh Dadoda 12/02/2024



#2
Dichlorodifluoromethane
Concen: 19.189 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.006 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Tgt Ion: 85 Resp: 32108
Ion Ratio Lower Upper
85 100
87 34.4 14.9 44.9





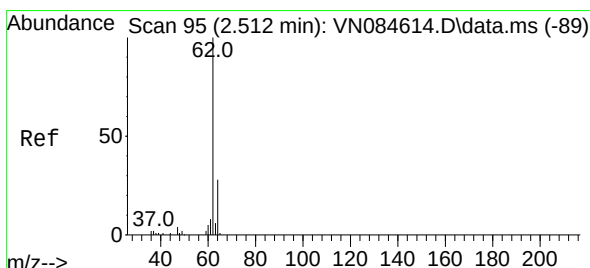
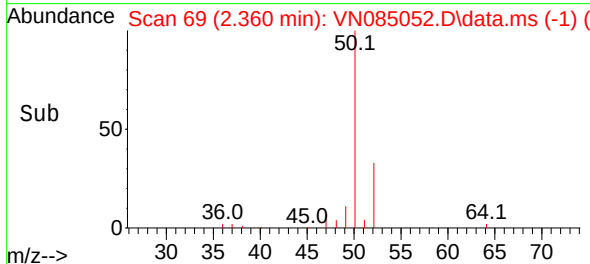
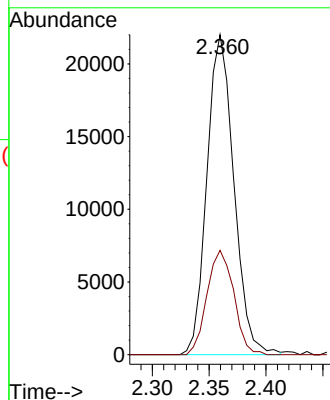
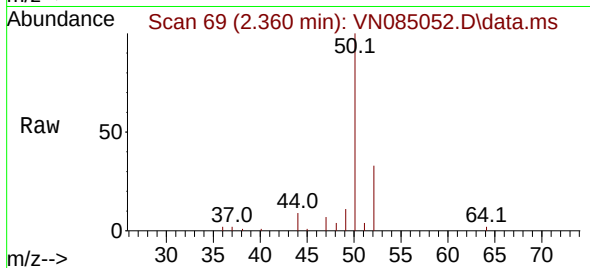
#3
Chloromethane
Concen: 18.022 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 50 Resp: 36309
Ion Ratio Lower Upper
50 100
52 32.6 25.5 38.3

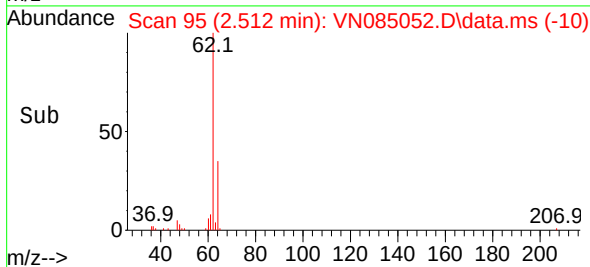
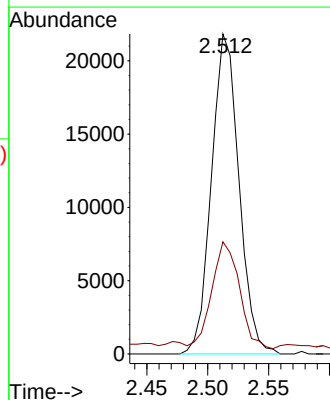
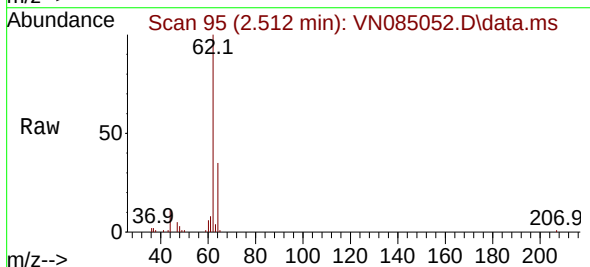
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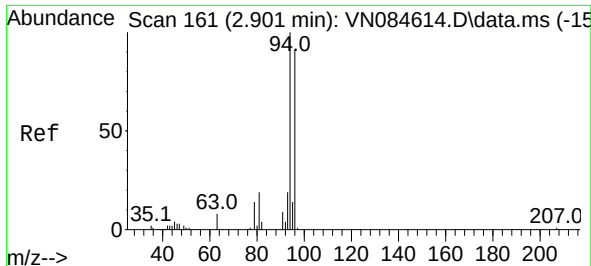
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#4
Vinyl Chloride
Concen: 18.308 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Tgt Ion: 62 Resp: 34247
Ion Ratio Lower Upper
62 100
64 32.4 23.1 34.7





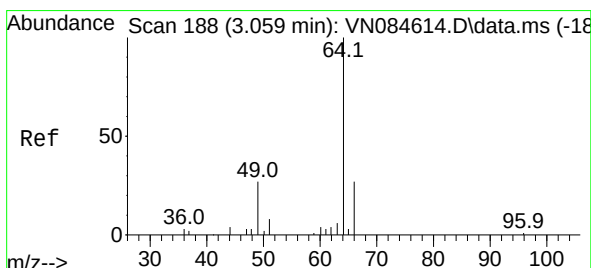
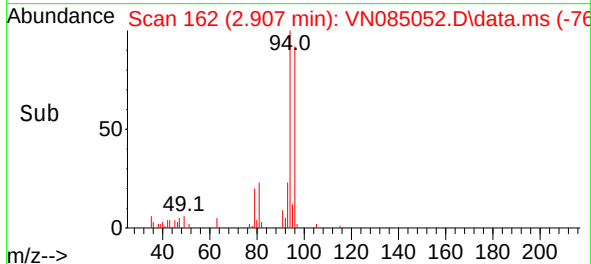
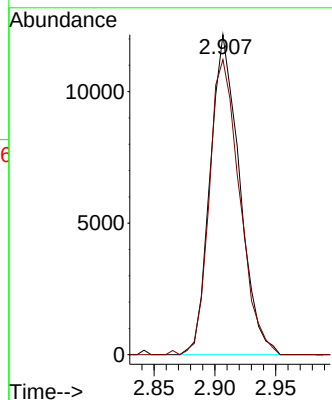
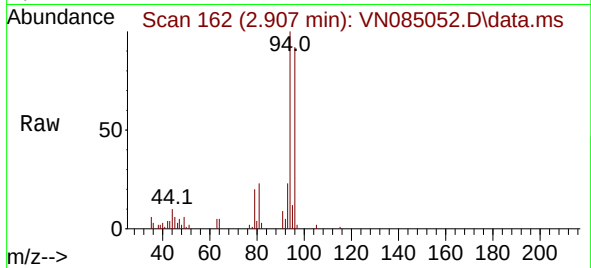
#5
Bromomethane
Concen: 21.543 ug/l
RT: 2.907 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Instrument :
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ClientSampleId :
VSTDCCC020

Tgt Ion: 94 Resp: 2045
Ion Ratio Lower Upper
94 100
96 92.2 72.7 109.1

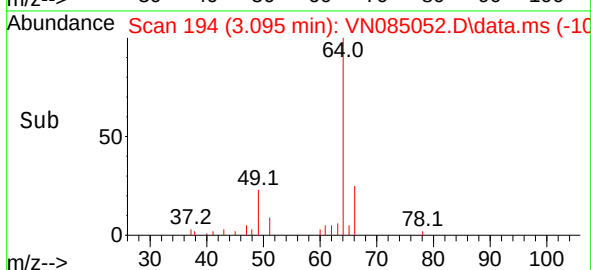
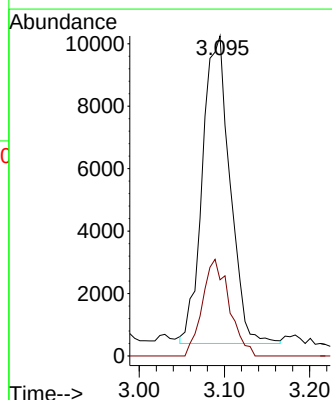
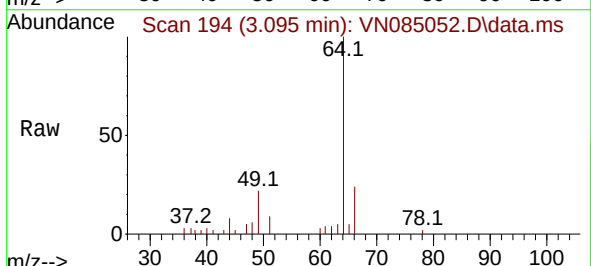
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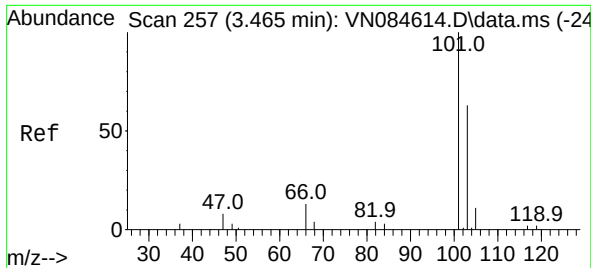
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#6
Chloroethane
Concen: 18.006 ug/l
RT: 3.095 min Scan# 194
Delta R.T. 0.035 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

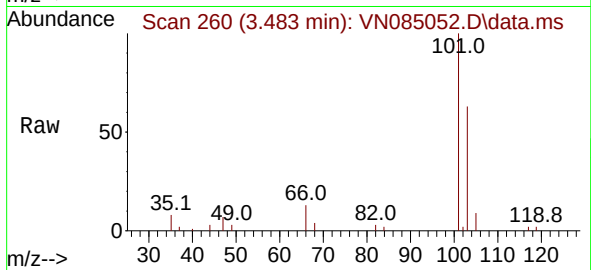
Tgt Ion: 64 Resp: 22115
Ion Ratio Lower Upper
64 100
66 25.0 22.1 33.1





#7
 Trichlorofluoromethane
 Concen: 19.949 ug/l
 RT: 3.483 min Scan# 20
 Delta R.T. 0.018 min
 Lab File: VN085052.D
 Acq: 27 Nov 2024 11:44

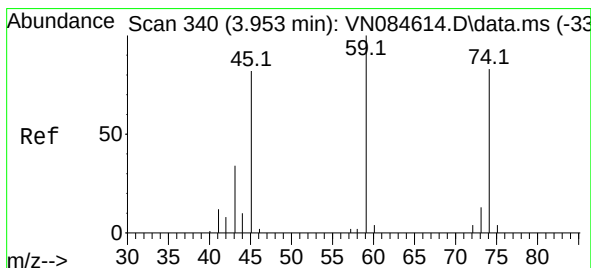
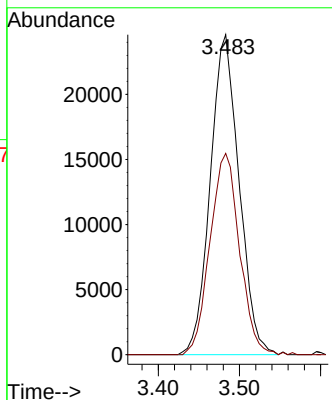
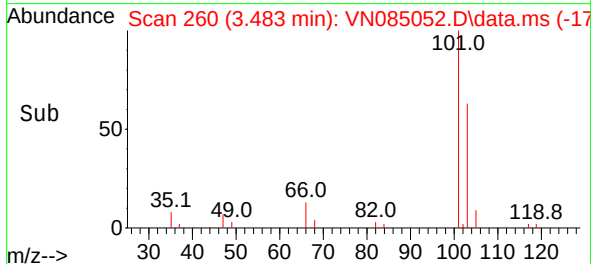
Instrument :
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Tgt Ion:101 Resp: 6060
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.1 75.1

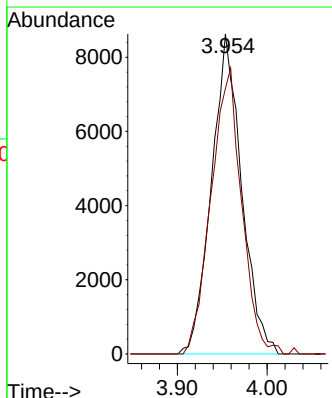
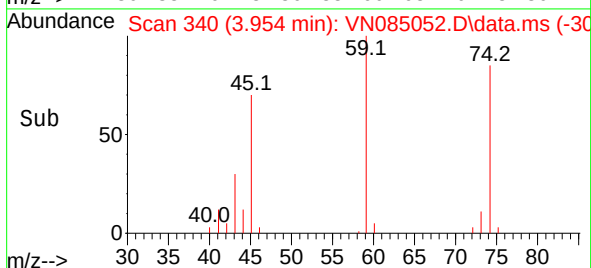
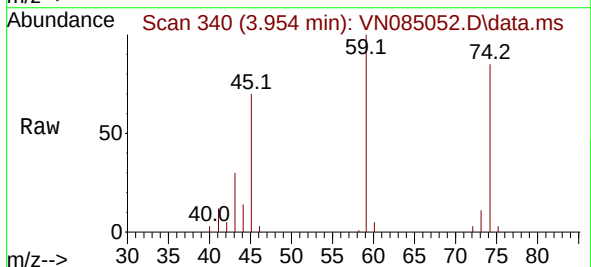
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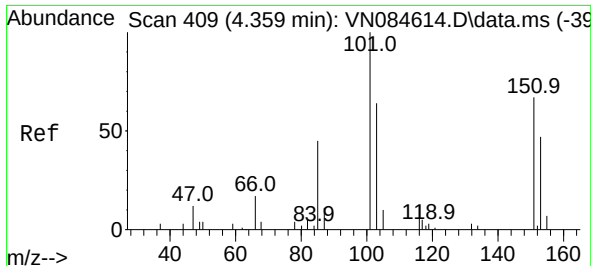
Reviewed By :John Carlone 12/02/2024
 Supervised By :Mahesh Dadoda 12/02/2024



#8
 Diethyl Ether
 Concen: 18.567 ug/l
 RT: 3.954 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VN085052.D
 Acq: 27 Nov 2024 11:44

Tgt Ion: 74 Resp: 20120
 Ion Ratio Lower Upper
 74 100
 45 89.9 19.8 178.4





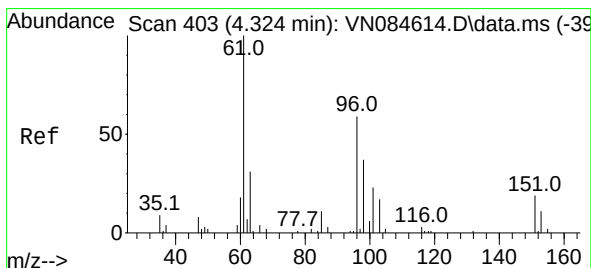
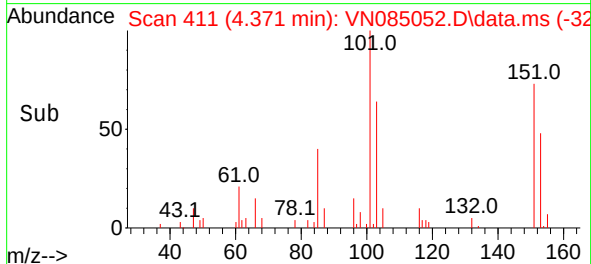
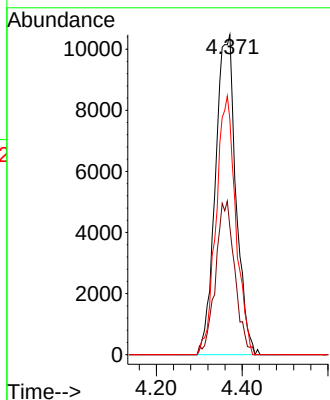
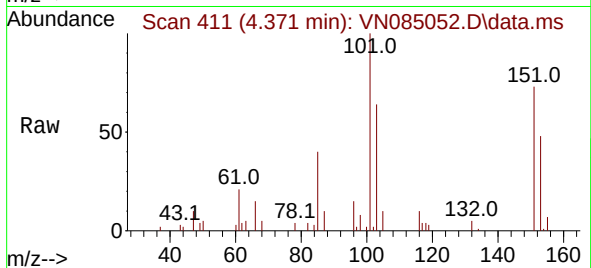
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.301 ug/l m
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 3485
Ion Ratio Lower Upper
101 100
85 44.5 0.0 89.6
151 77.4 0.0 149.4

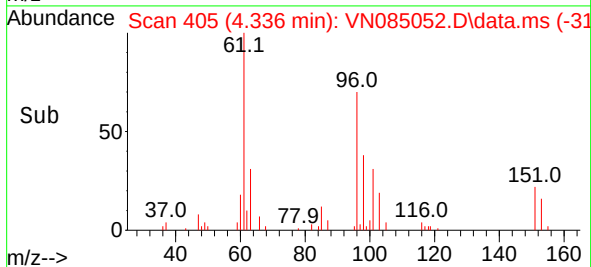
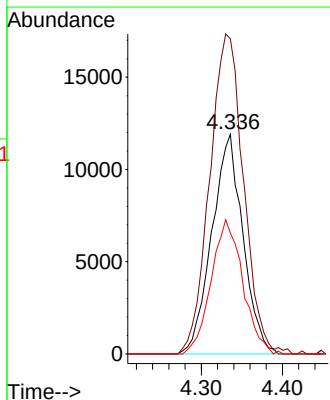
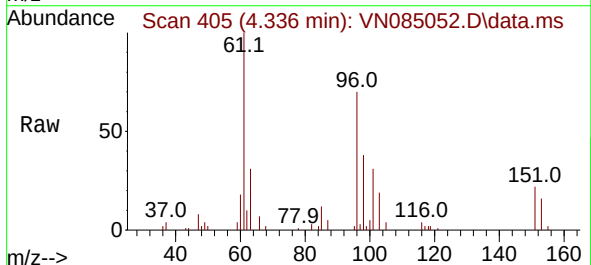
Manual Integrations
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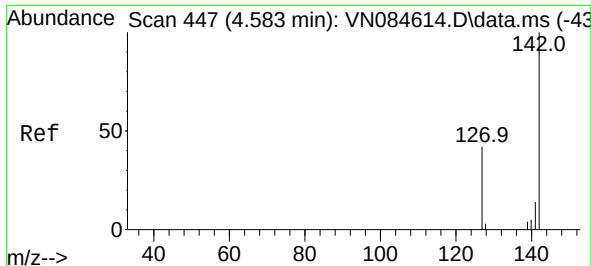
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#10
1,1-Dichloroethene
Concen: 18.900 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.012 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Tgt Ion: 96 Resp: 31686
Ion Ratio Lower Upper
96 100
61 143.5 135.1 202.7
98 55.1 50.4 75.6





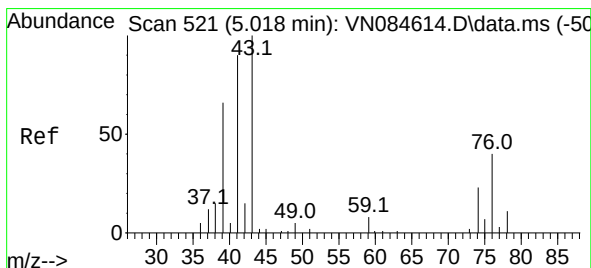
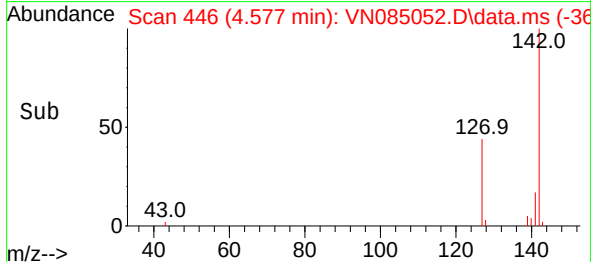
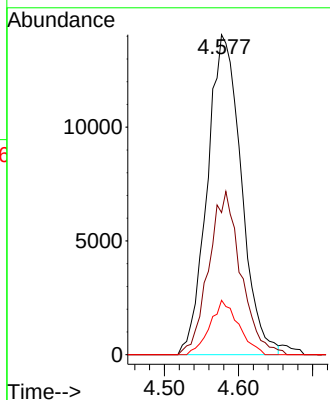
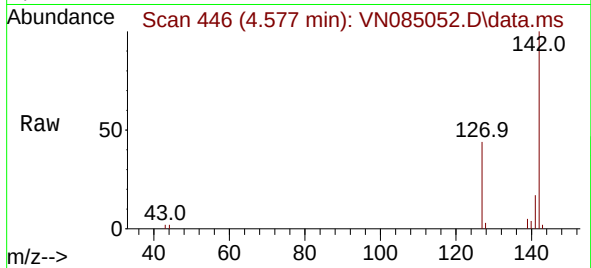
#11
Methyl Iodide
Concen: 19.424 ug/l
RT: 4.577 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:142 Resp: 44759
Ion Ratio Lower Upper
142 100
127 44.2 20.3 60.9
141 17.2 6.9 20.7

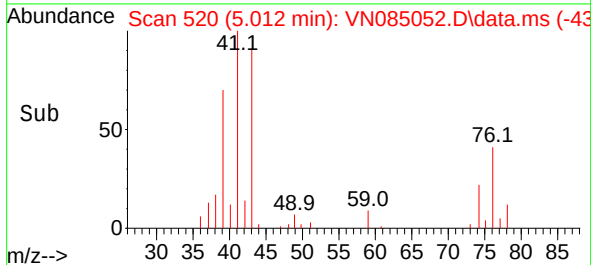
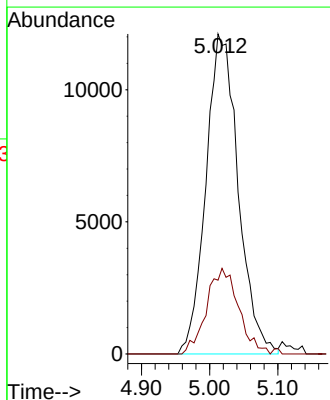
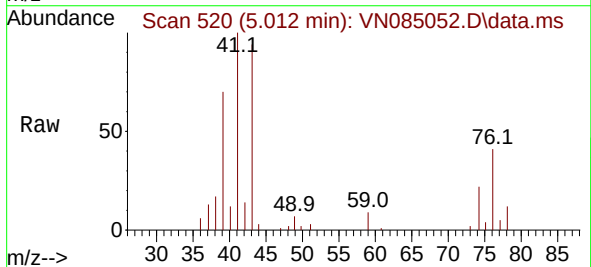
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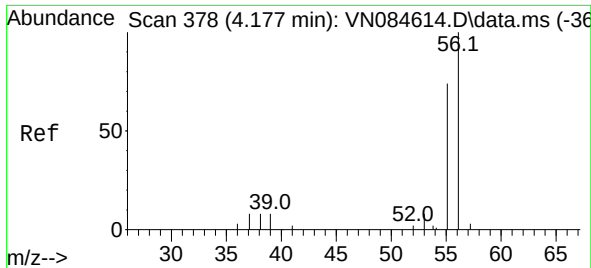
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#12
Methyl Acetate
Concen: 15.273 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Tgt Ion: 43 Resp: 39912
Ion Ratio Lower Upper
43 100
74 22.4 19.0 28.4





#13

Acrolein

Concen: 80.759 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN085052.D

Acq: 27 Nov 2024 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 56 Resp: 2602

Ion Ratio Lower Upper

56 100

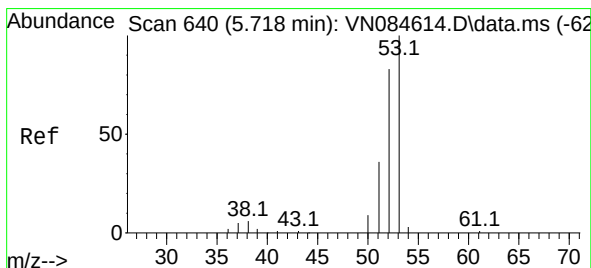
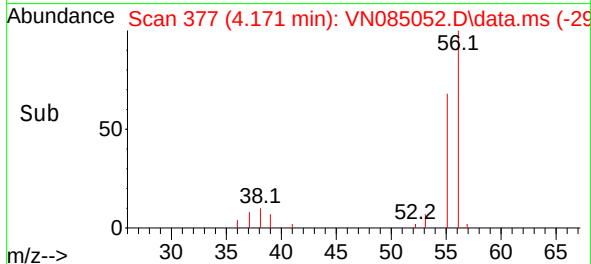
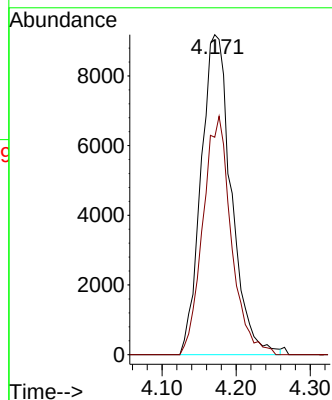
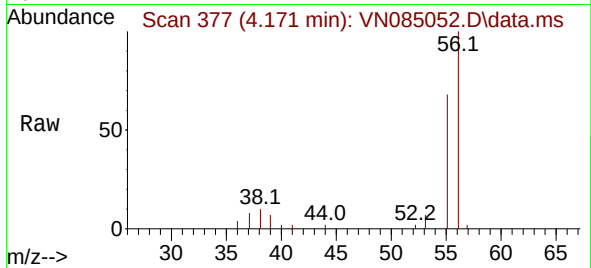
55 69.9 56.7 85.1

Manual Integrations

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Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#14

Acrylonitrile

Concen: 82.173 ug/l

RT: 5.706 min Scan# 638

Delta R.T. -0.012 min

Lab File: VN085052.D

Acq: 27 Nov 2024 11:44

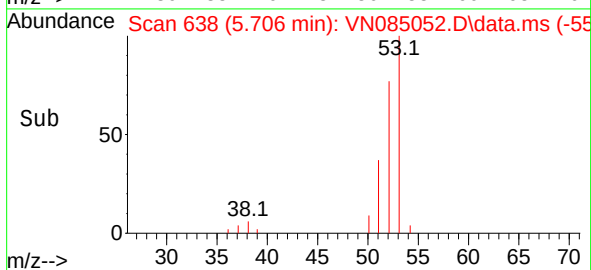
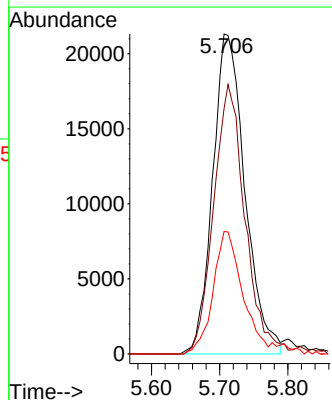
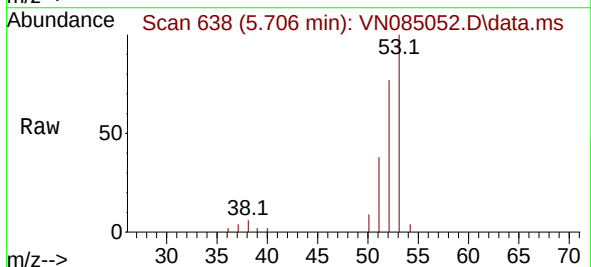
Tgt Ion: 53 Resp: 70252

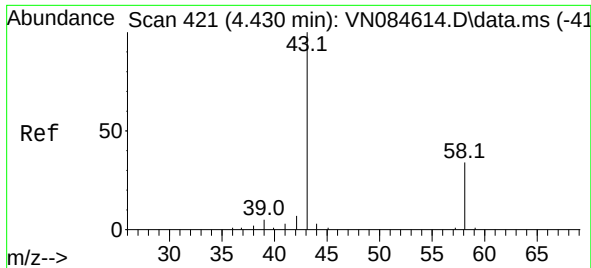
Ion Ratio Lower Upper

53 100

52 81.4 41.6 124.9

51 34.8 18.2 54.6





#15

Acetone

Concen: 90.614 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN085052.D

Acq: 27 Nov 2024 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 58 Resp: 1990

Ion Ratio Lower Upper

58 100

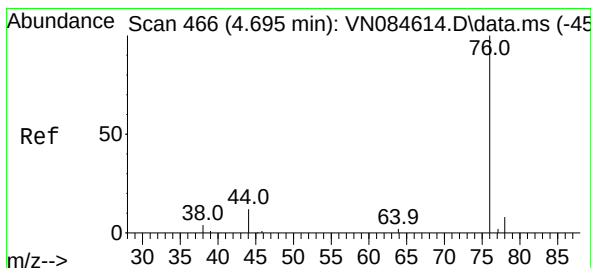
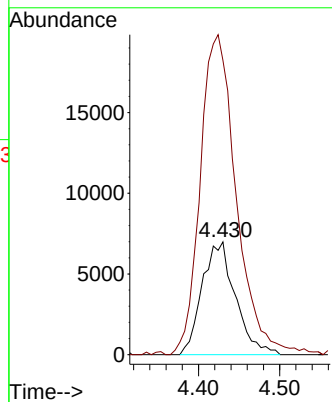
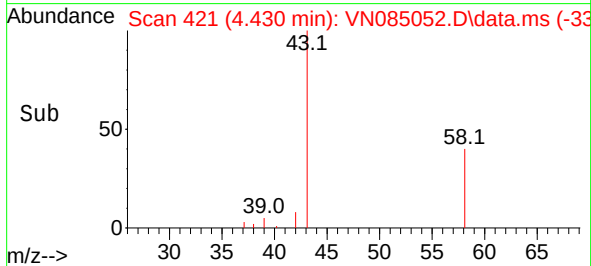
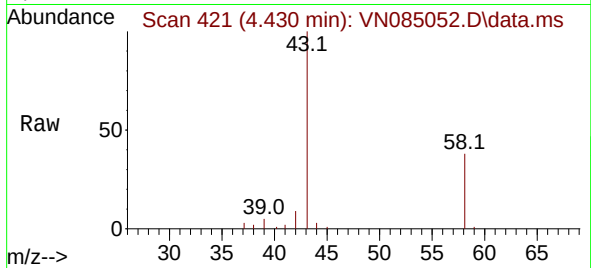
43 252.4 233.0 349.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#16

Carbon Disulfide

Concen: 17.651 ug/l

RT: 4.706 min Scan# 468

Delta R.T. 0.012 min

Lab File: VN085052.D

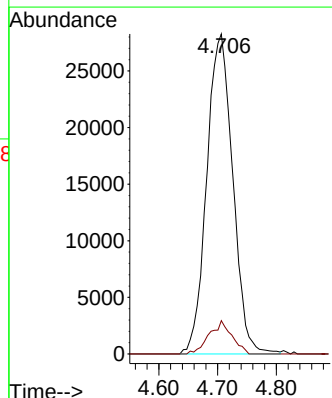
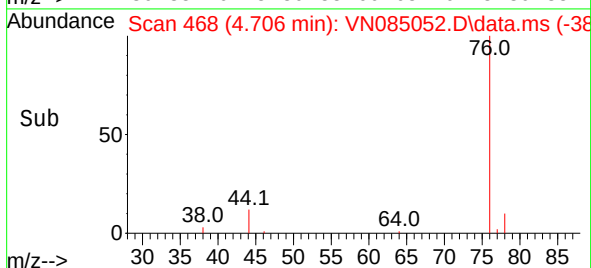
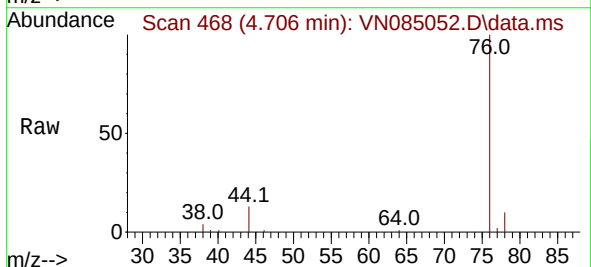
Acq: 27 Nov 2024 11:44

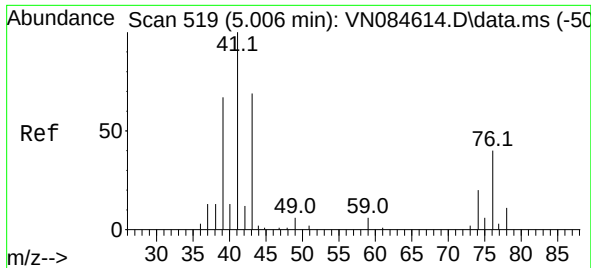
Tgt Ion: 76 Resp: 87074

Ion Ratio Lower Upper

76 100

78 10.4 6.6 9.8#





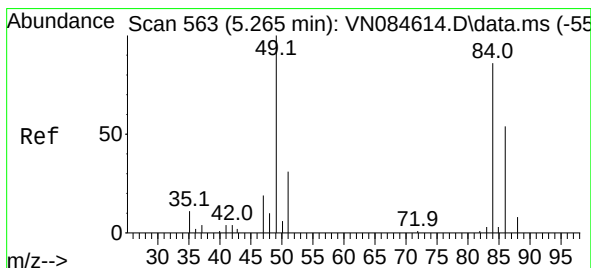
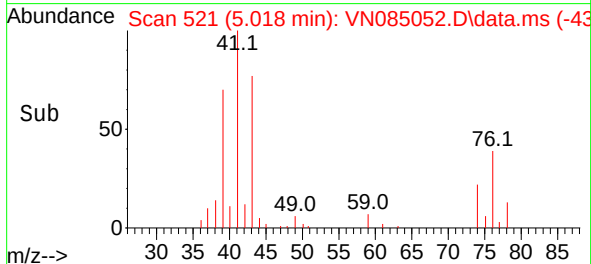
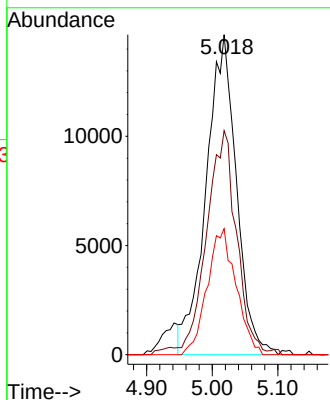
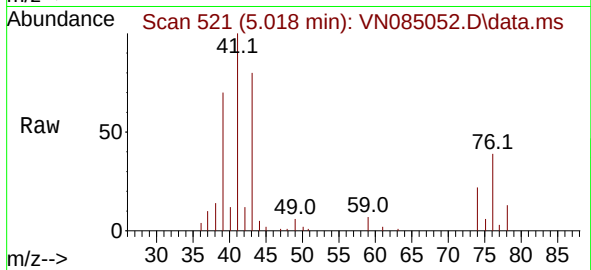
#17
Allyl chloride
Concen: 16.455 ug/l
RT: 5.018 min Scan# 519
Delta R.T. 0.012 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:	41	Resp:	4700
Ion Ratio	Lower	Upper	
41	100		
39	68.3	33.4	100.2
76	39.4	20.2	60.6

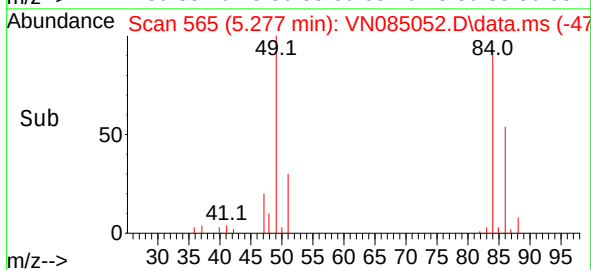
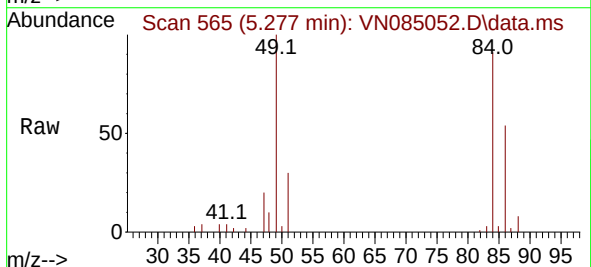
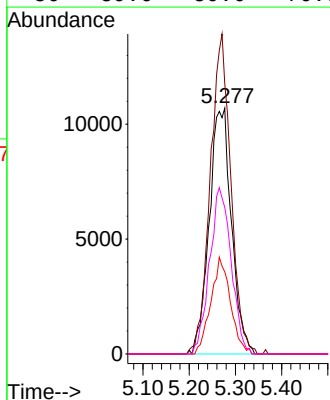
Manual Integrations
APPROVED

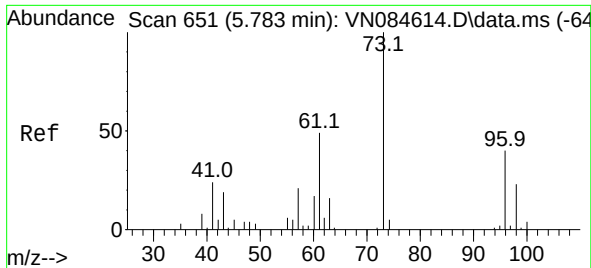
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#18
Methylene Chloride
Concen: 18.224 ug/l m
RT: 5.277 min Scan# 565
Delta R.T. 0.012 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Tgt Ion:	84	Resp:	35804
Ion Ratio	Lower	Upper	
84	100		
49	109.9	93.0	139.6
51	33.4	28.9	43.3
86	59.6	50.6	76.0





#19

trans-1,2-Dichloroethene

Concen: 18.983 ug/l

RT: 5.783 min Scan# 651

Delta R.T. 0.000 min

Lab File: VN085052.D

Acq: 27 Nov 2024 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 96 Resp: 3335

Ion Ratio Lower Upper

96 100

61 120.0 98.1 147.1

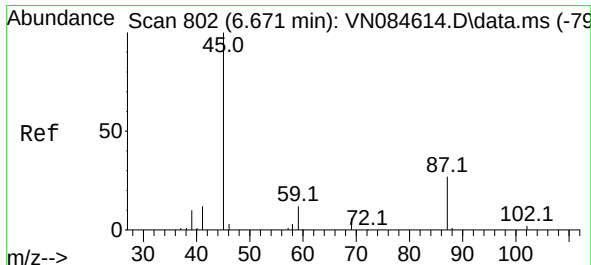
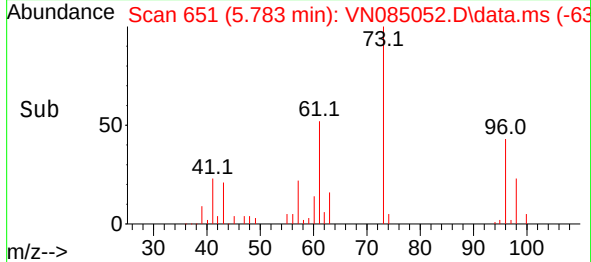
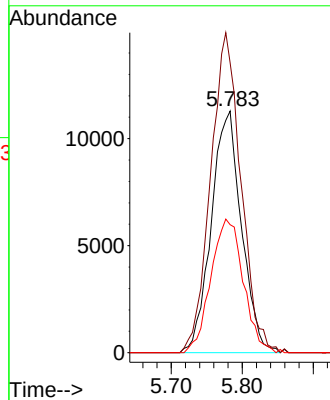
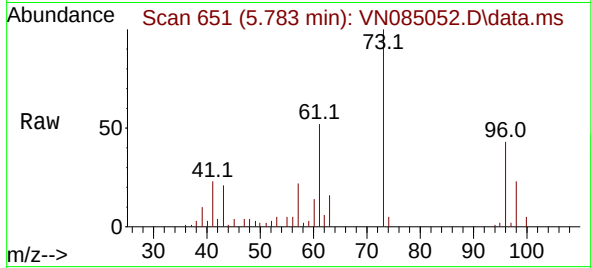
98 53.0 46.6 69.8

Manual Integrations

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Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#20

Diisopropyl ether

Concen: 18.566 ug/l

RT: 6.659 min Scan# 800

Delta R.T. -0.012 min

Lab File: VN085052.D

Acq: 27 Nov 2024 11:44

Tgt Ion: 45 Resp: 106175

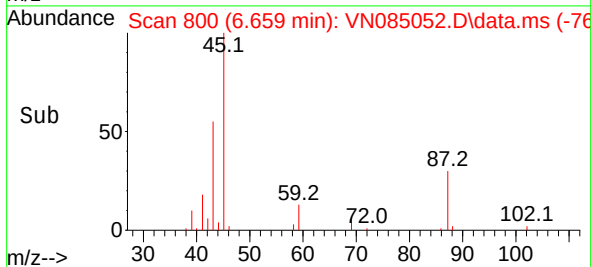
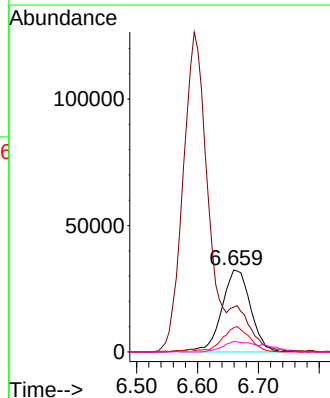
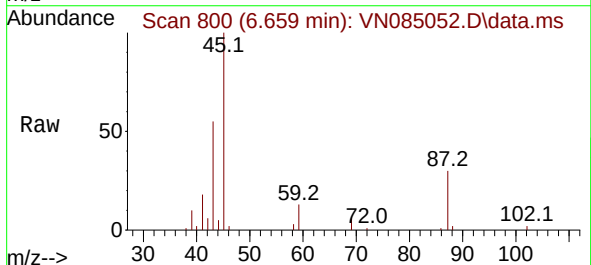
Ion Ratio Lower Upper

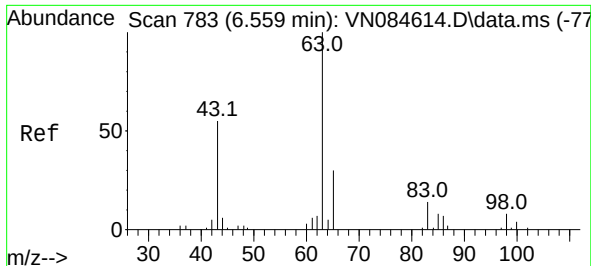
45 100

43 51.4 42.6 64.0

87 29.8 23.0 34.4

59 12.9 9.4 14.0





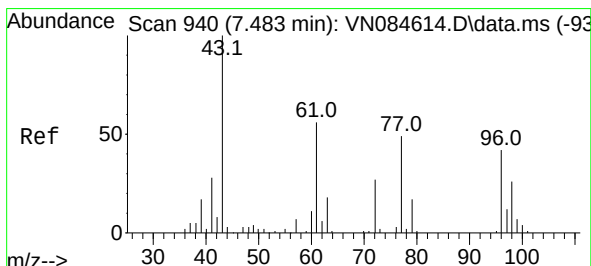
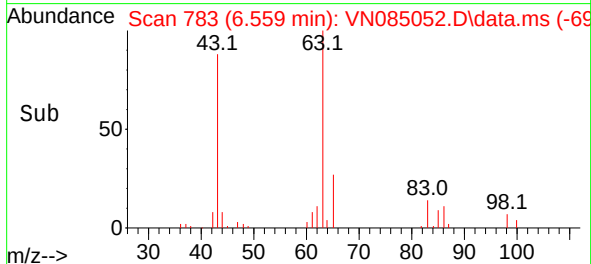
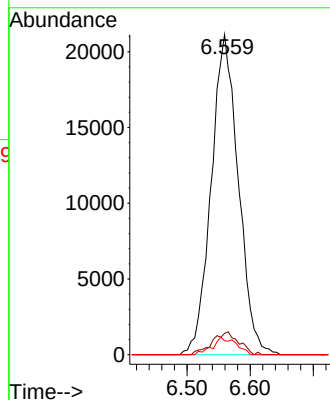
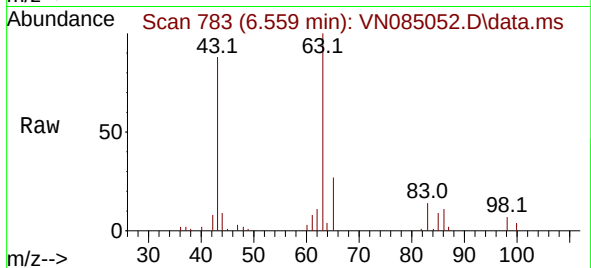
#21
1,1-Dichloroethane
Concen: 18.343 ug/l
RT: 6.559 min Scan# 783
Delta R.T. 0.000 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 6308
Ion Ratio Lower Upper
63 100
98 6.6 3.8 11.4
100 4.3 1.9 5.7

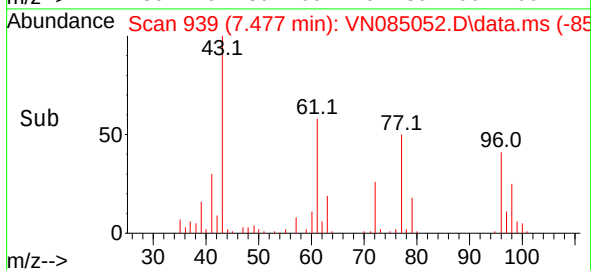
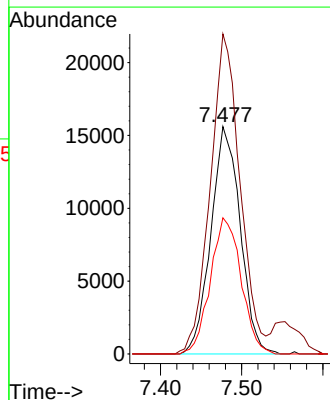
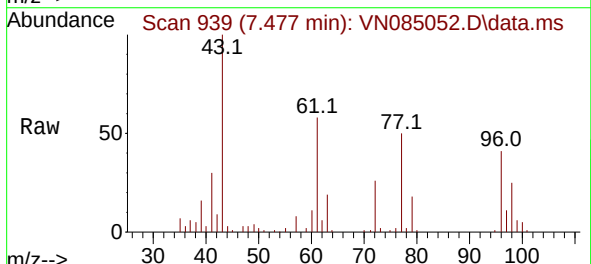
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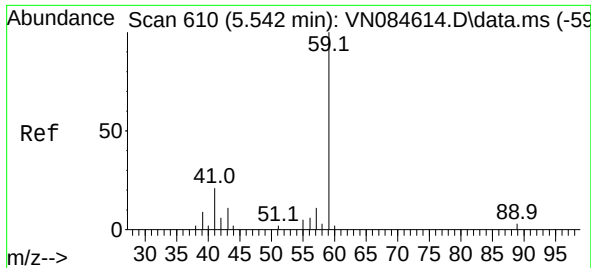
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#22
cis-1,2-Dichloroethene
Concen: 18.660 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Tgt Ion: 96 Resp: 39150
Ion Ratio Lower Upper
96 100
61 143.2 121.8 182.8
98 63.0 53.2 79.8





#23
tert-Butyl Alcohol
Concen: 74.143 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

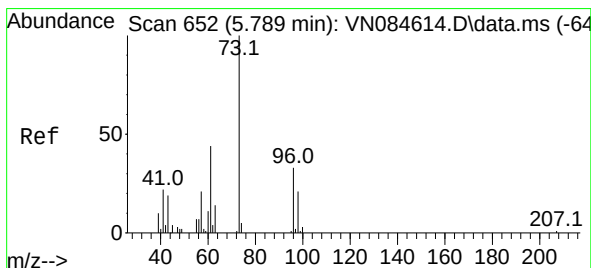
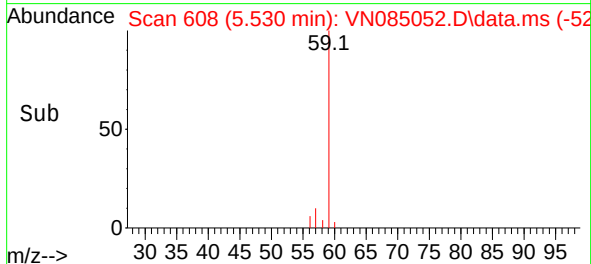
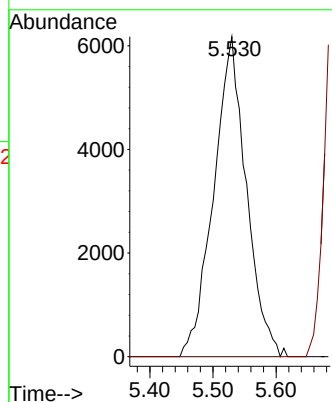
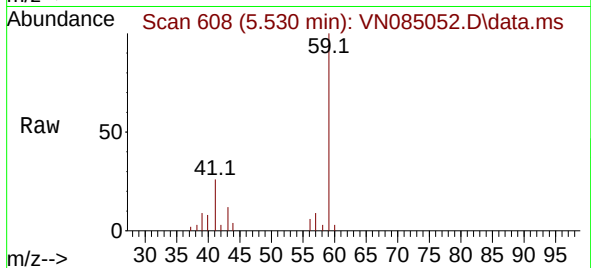
Tgt Ion: 59 Resp: 22129
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations

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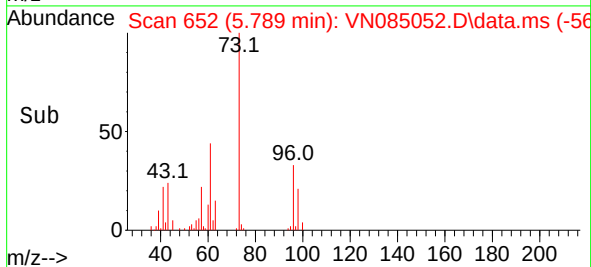
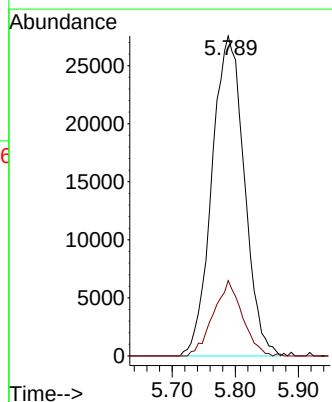
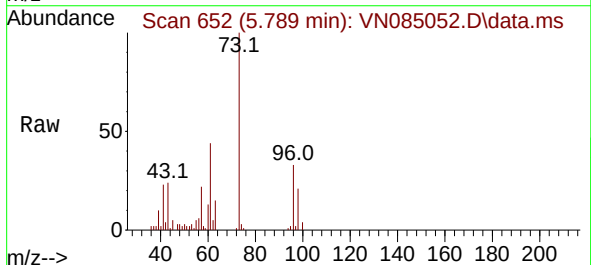
Reviewed By :John Carlone 12/02/2024

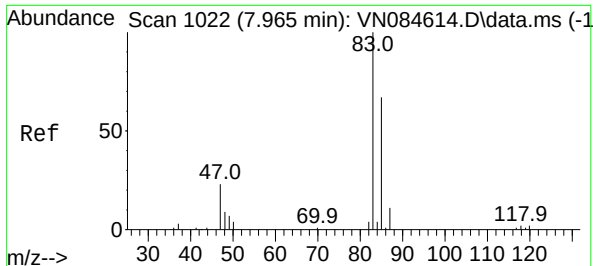
Supervised By :Mahesh Dadoda 12/02/2024



#24
Methyl tert-Butyl Ether
Concen: 18.113 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Tgt Ion: 73 Resp: 98204
Ion Ratio Lower Upper
73 100
43 21.1 16.5 24.7





#25

Chloroform

Concen: 19.040 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN085052.D

Acq: 27 Nov 2024 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 83 Resp: 67090

Ion Ratio Lower Upper

83 100

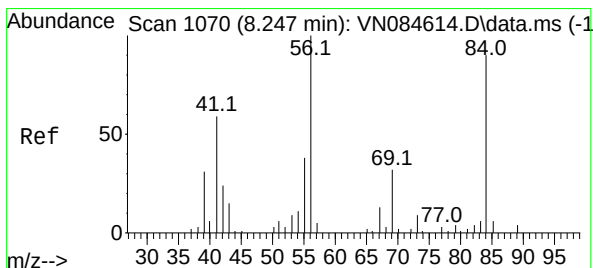
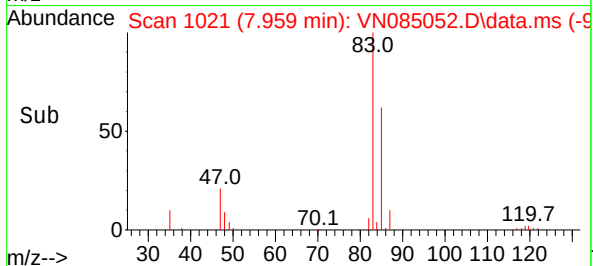
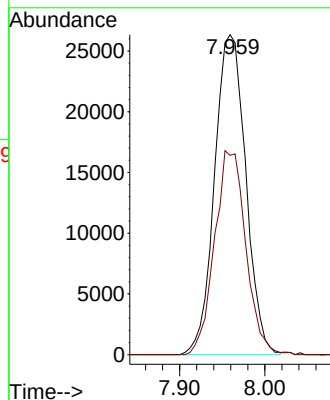
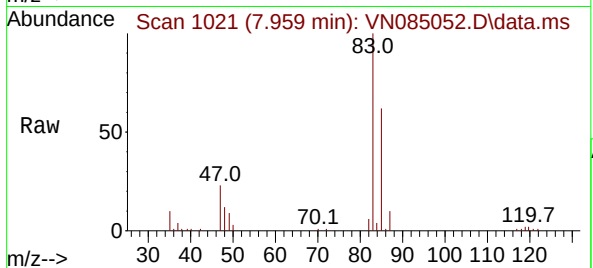
85 62.3 53.4 80.2

Manual Integrations

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Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#26

Cyclohexane

Concen: 17.929 ug/l

RT: 8.247 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VN085052.D

Acq: 27 Nov 2024 11:44

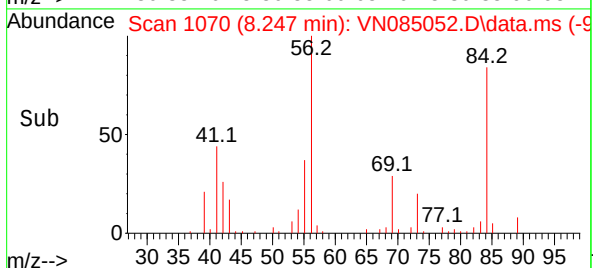
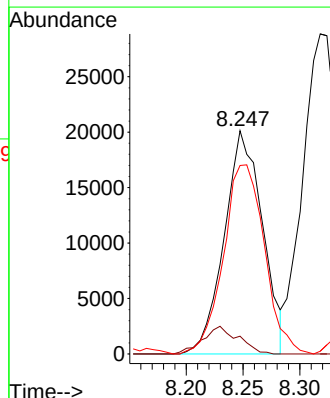
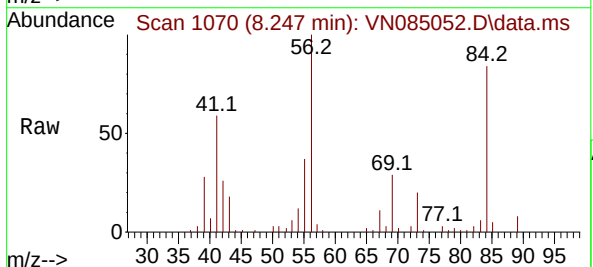
Tgt Ion: 56 Resp: 47100

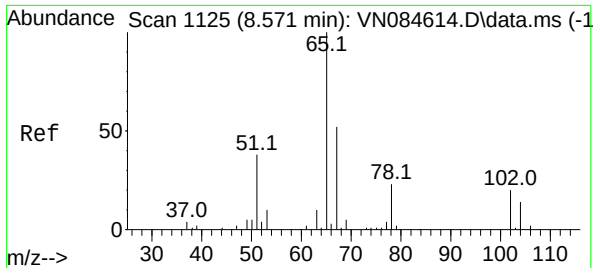
Ion Ratio Lower Upper

56 100

89 11.5 3.0 4.4#

84 91.0 70.6 106.0





#27
1,2-Dichloroethane-d4
Concen: 29.697 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Instrument :

MSVOA_N

ClientSampleId :

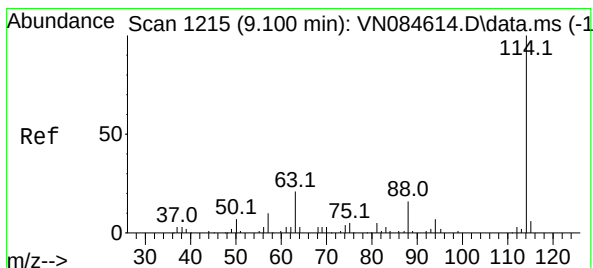
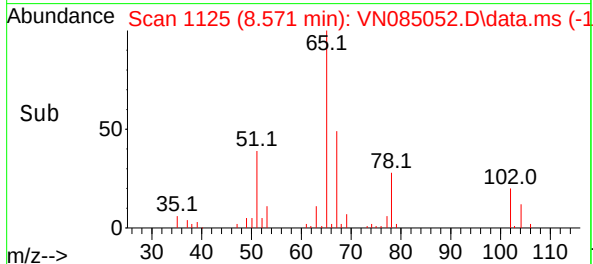
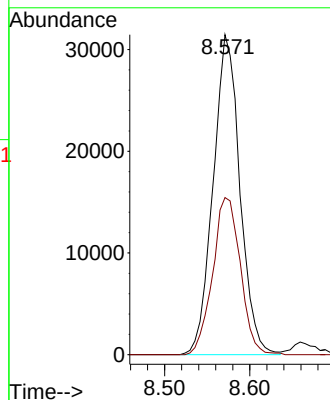
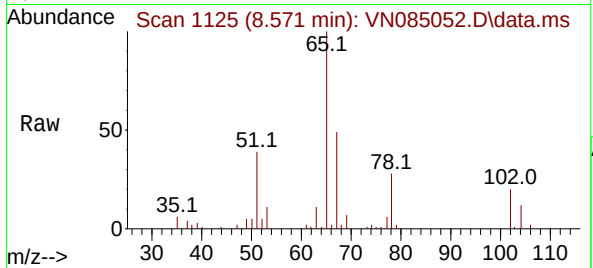
VSTDC020

Tgt Ion: 65 Resp: 68683
Ion Ratio Lower Upper
65 100
67 50.8 40.7 61.1

Manual Integrations

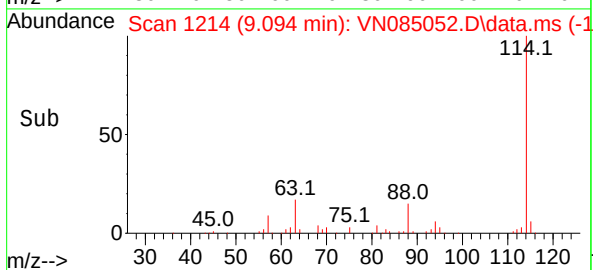
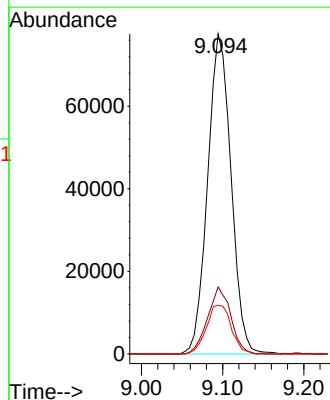
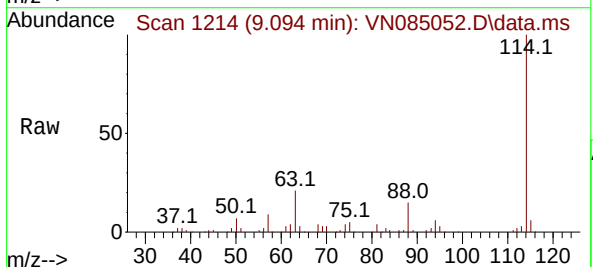
APPROVED

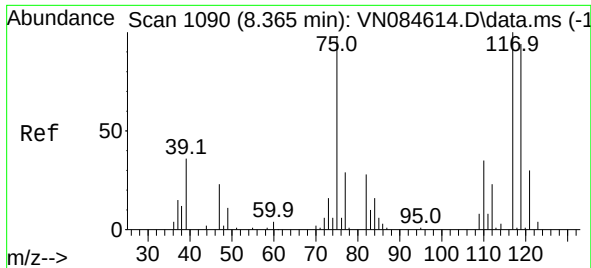
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Tgt Ion:114 Resp: 155364
Ion Ratio Lower Upper
114 100
63 20.6 16.8 25.2
88 16.2 12.9 19.3





#29
1,1-Dichloropropene
Concen: 18.582 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

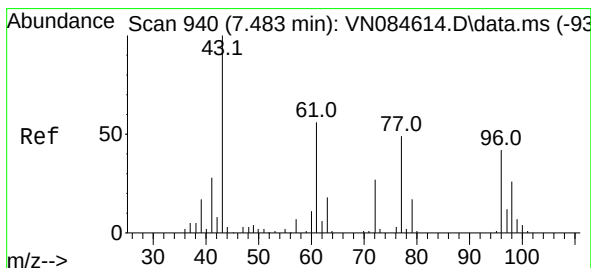
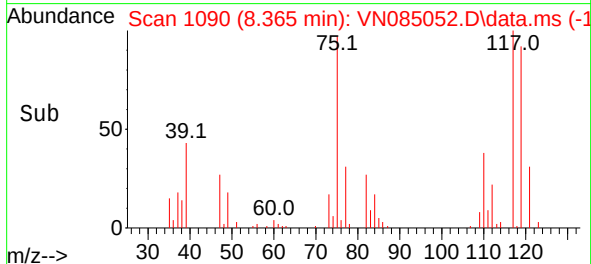
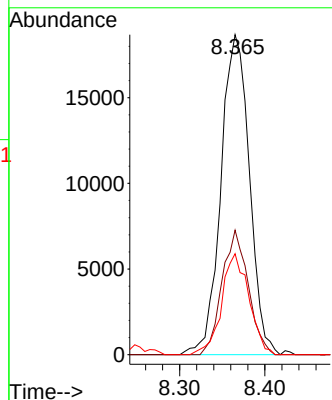
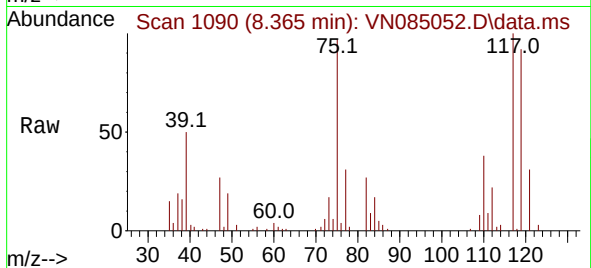
Tgt Ion: 75 Resp: 4348
Ion Ratio Lower Upper
75 100
110 35.7 0.0 69.4
77 30.3 0.0 62.0

Manual Integrations

APPROVED

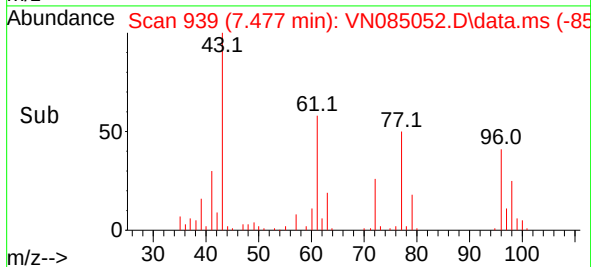
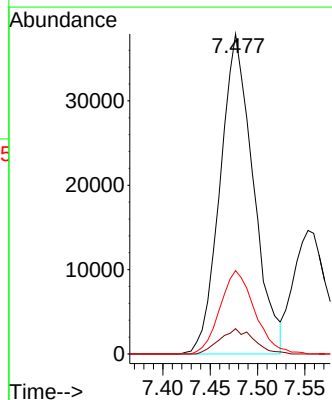
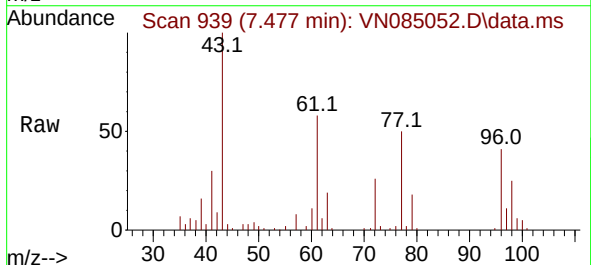
Reviewed By :John Carlone 12/02/2024

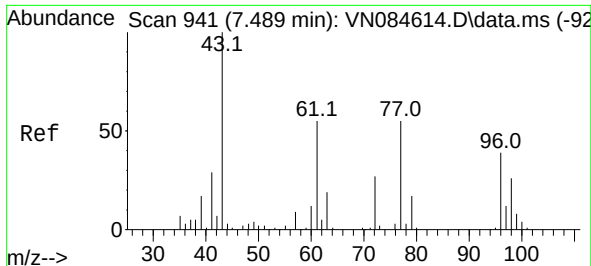
Supervised By :Mahesh Dadoda 12/02/2024



#30
2-Butanone
Concen: 85.508 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Tgt Ion: 43 Resp: 92302
Ion Ratio Lower Upper
43 100
57 8.1 6.2 9.4
72 27.2 21.5 32.3





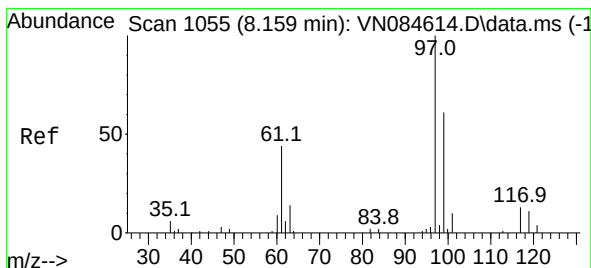
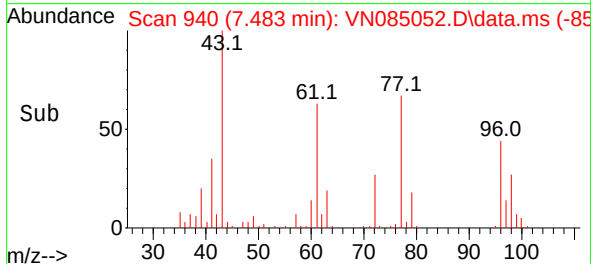
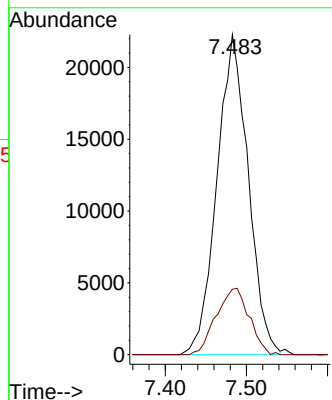
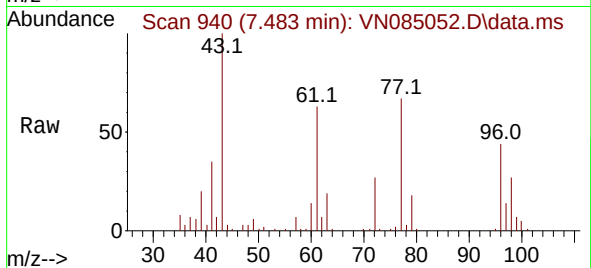
#31
2,2-Dichloropropane
Concen: 20.895 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 77 Resp: 5968
Ion Ratio Lower Upper
77 100
97 21.8 17.4 26.2

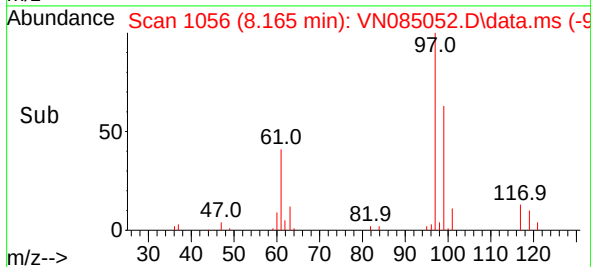
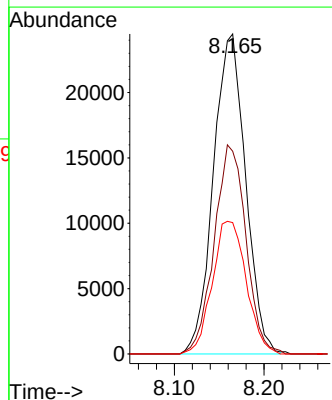
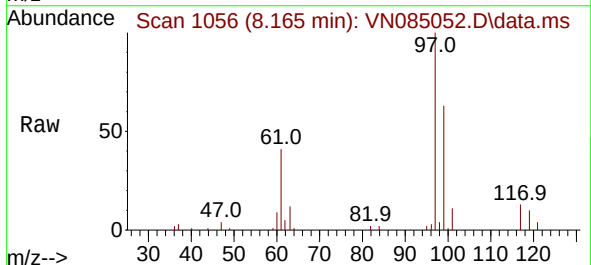
Manual Integrations
APPROVED

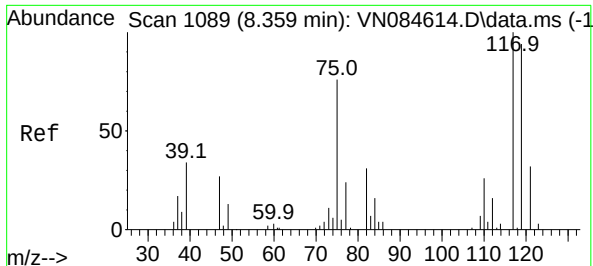
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#32
1,1,1-Trichloroethane
Concen: 19.188 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Tgt Ion: 97 Resp: 61002
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 43.7 34.2 51.4





#33

Carbon Tetrachloride

Concen: 19.302 ug/l

RT: 8.353 min Scan# 1108

Delta R.T. -0.006 min

Lab File: VN085052.D

Acq: 27 Nov 2024 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:117 Resp: 52364

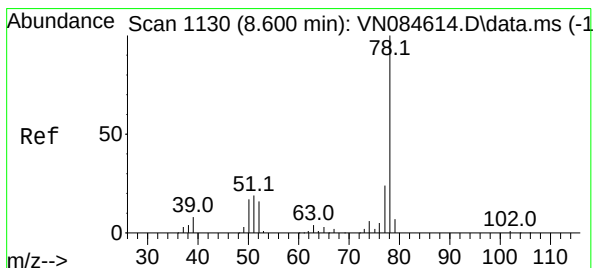
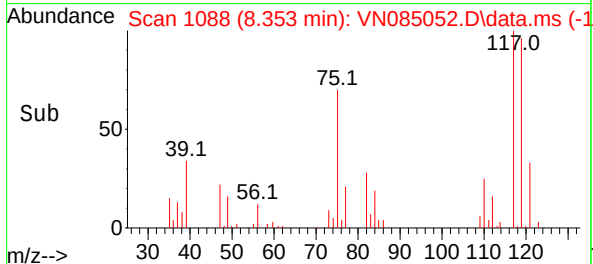
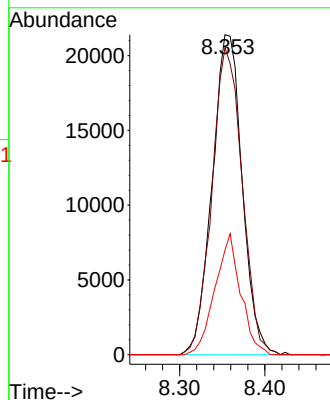
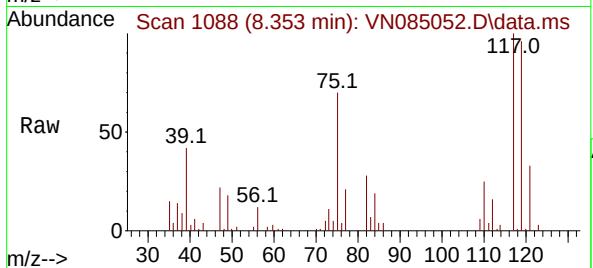
Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.7	113.5
121	32.7	25.4	38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#34

Benzene

Concen: 18.196 ug/l

RT: 8.600 min Scan# 1130

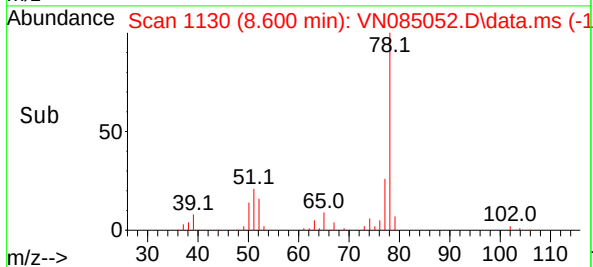
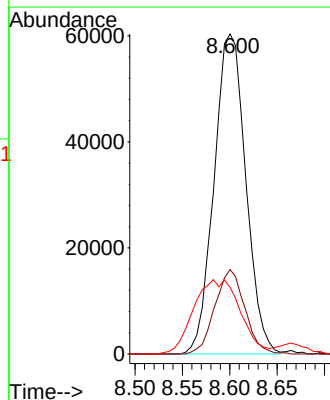
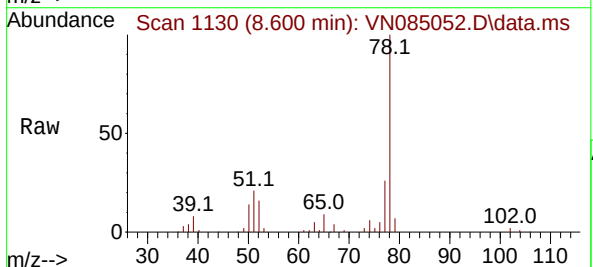
Delta R.T. 0.000 min

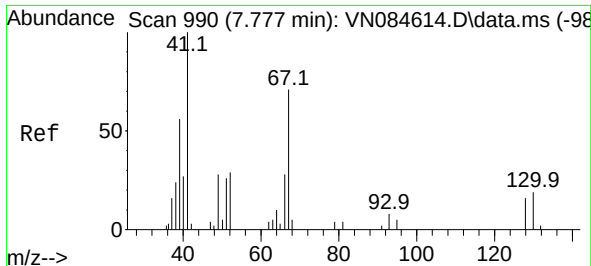
Lab File: VN085052.D

Acq: 27 Nov 2024 11:44

Tgt Ion: 78 Resp: 140743

Ion	Ratio	Lower	Upper
78	100		
77	26.4	19.3	28.9
51	18.4	16.1	24.1





#35
Methacrylonitrile
Concen: 18.148 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

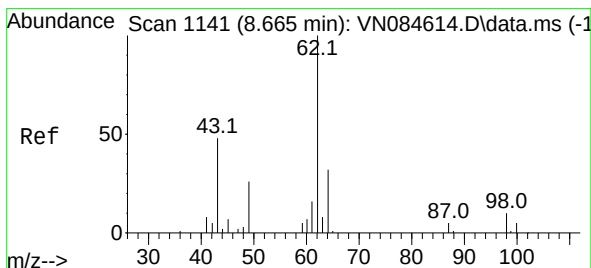
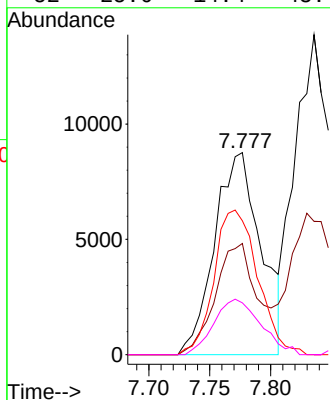
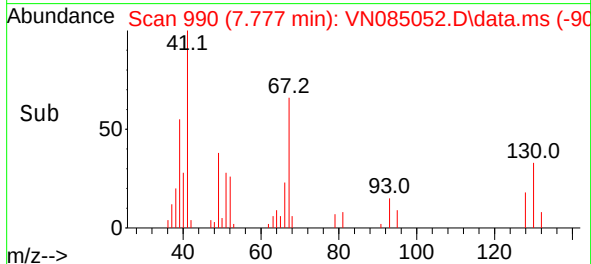
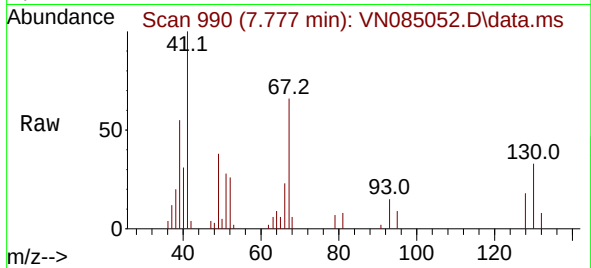
Tgt Ion: 41 Resp: 23218
Ion Ratio Lower Upper
41 100
39 55.0 28.2 84.6
67 66.3 35.6 106.8
52 25.6 14.4 43.4

Manual Integrations

APPROVED

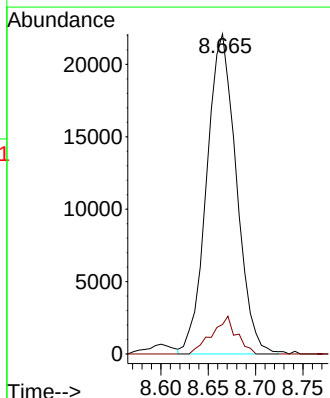
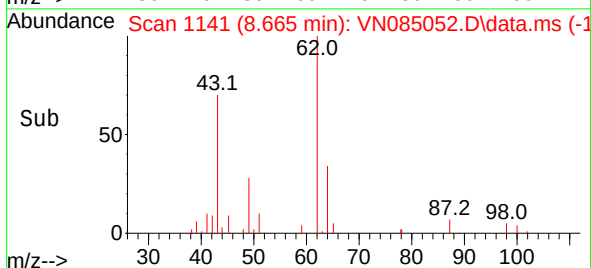
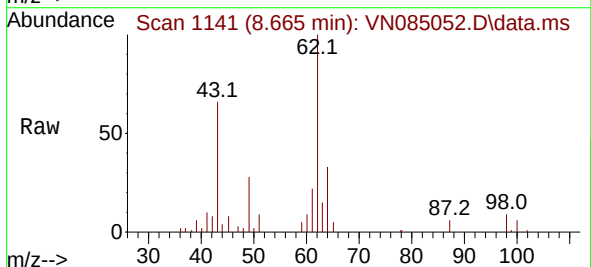
Reviewed By :John Carlone 12/02/2024

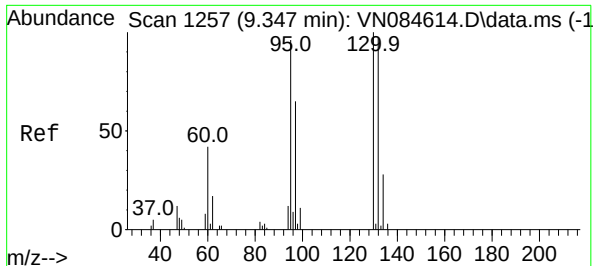
Supervised By :Mahesh Dadoda 12/02/2024



#36
1,2-Dichloroethane
Concen: 18.744 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Tgt Ion: 62 Resp: 48214
Ion Ratio Lower Upper
62 100
98 9.8 7.8 11.6





#37
Trichloroethene
Concen: 18.887 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Instrument :

MSVOA_N

ClientSampleId :

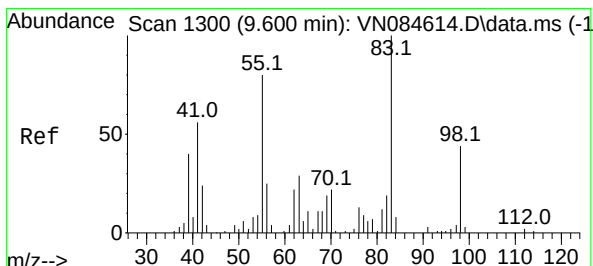
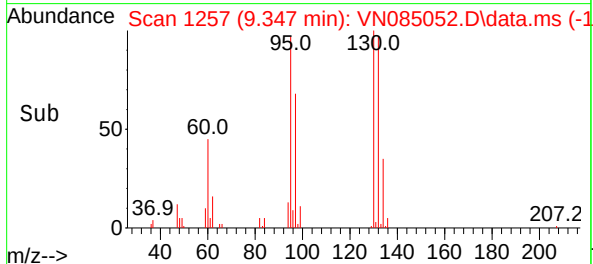
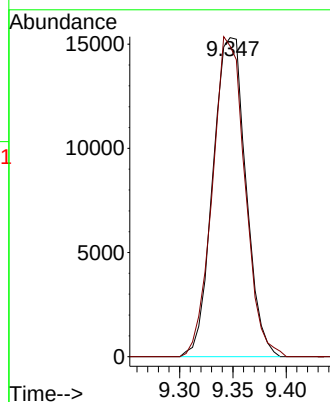
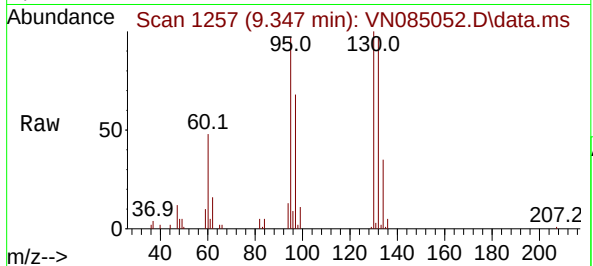
VSTDCCC020

Tgt Ion:130 Resp: 32950
Ion Ratio Lower Upper
130 100
95 97.3 76.6 115.0

Manual Integrations

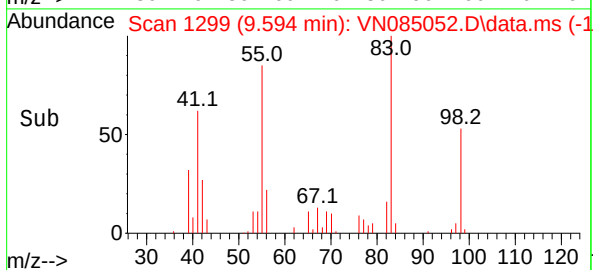
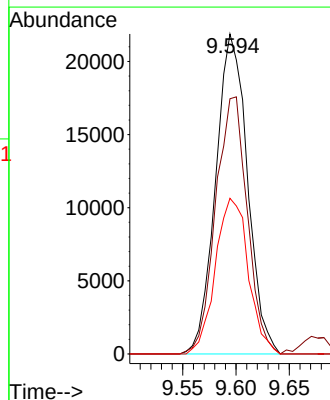
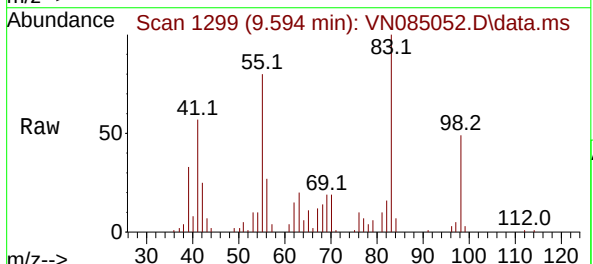
APPROVED

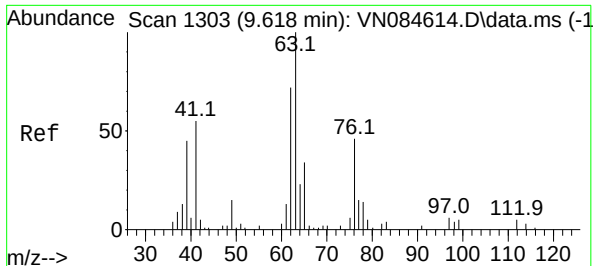
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#38
Methylcyclohexane
Concen: 18.003 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Tgt Ion: 83 Resp: 45352
Ion Ratio Lower Upper
83 100
55 80.0 39.6 118.8
98 50.4 23.2 69.5





#39
1,2-Dichloropropane
Concen: 18.645 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Instrument :

MSVOA_N

ClientSampleId :

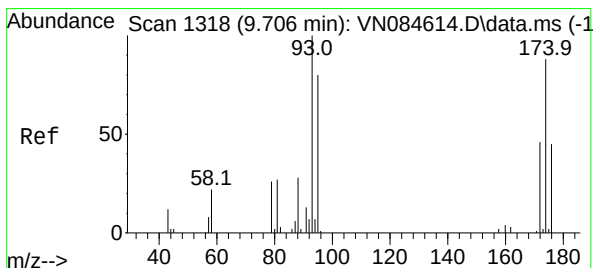
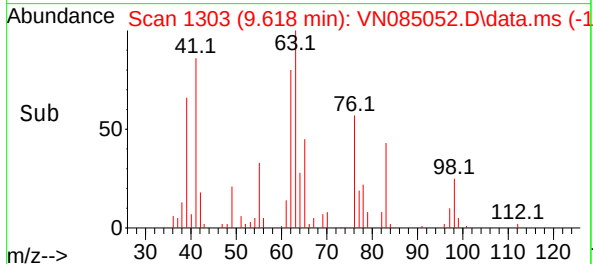
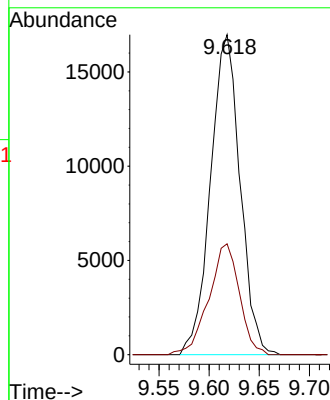
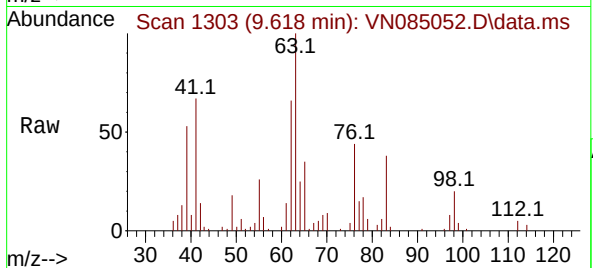
VSTDCCC020

Tgt Ion: 63 Resp: 3471
Ion Ratio Lower Upper
63 100
65 34.7 27.8 41.8

Manual Integrations

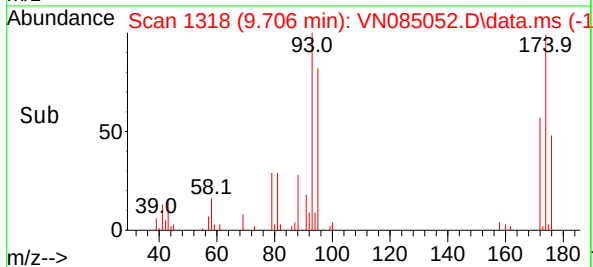
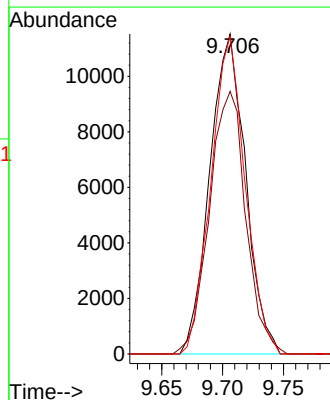
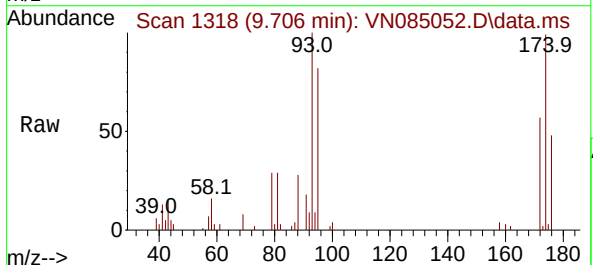
APPROVED

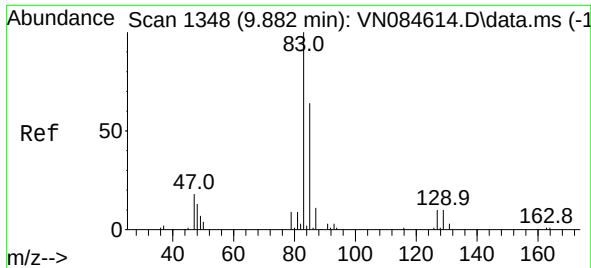
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#40
Dibromomethane
Concen: 18.060 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Tgt Ion: 93 Resp: 23524
Ion Ratio Lower Upper
93 100
95 83.4 0.0 168.4
174 95.3 0.0 183.4





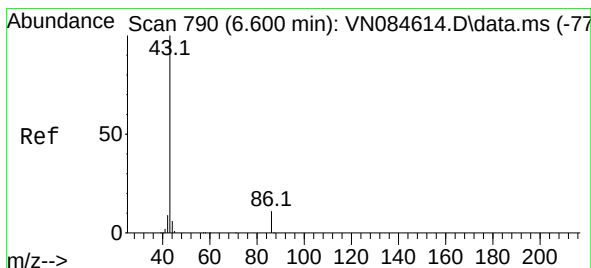
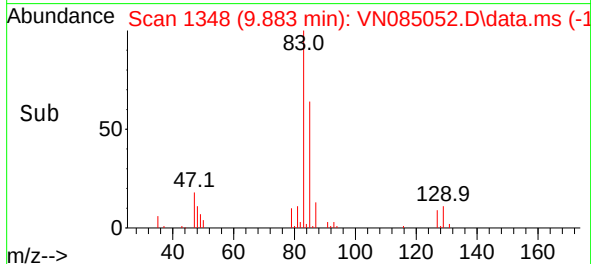
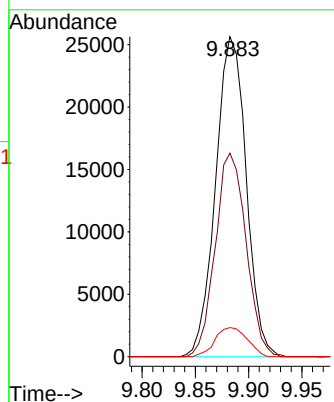
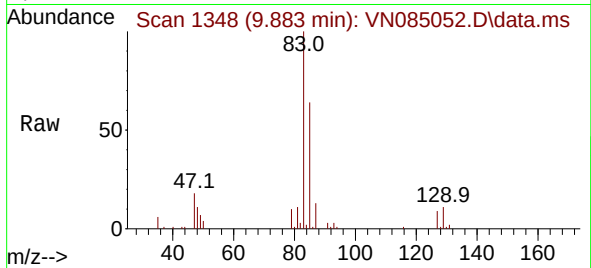
#41
Bromodichloromethane
Concen: 18.353 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 51250
Ion Ratio Lower Upper
83 100
85 63.6 51.0 76.6
127 9.1 7.8 11.6

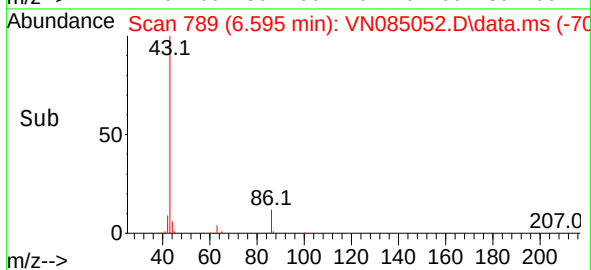
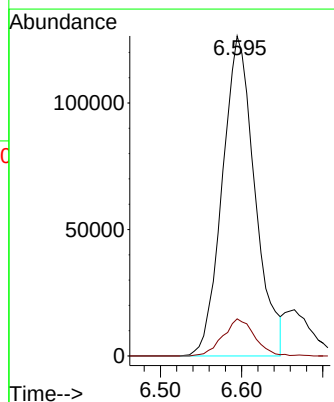
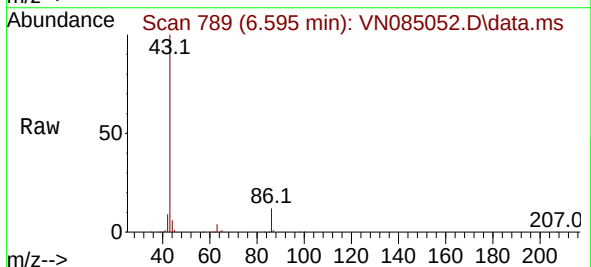
Manual Integrations
APPROVED

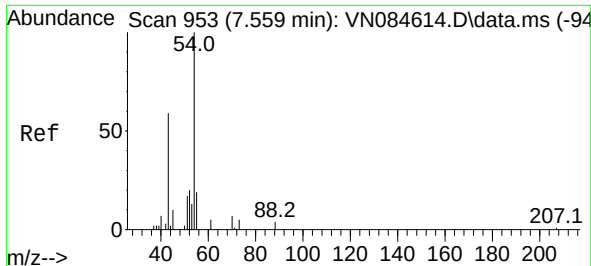
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#42
Vinyl Acetate
Concen: 87.561 ug/l
RT: 6.595 min Scan# 789
Delta R.T. -0.006 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Tgt Ion: 43 Resp: 353293
Ion Ratio Lower Upper
43 100
86 11.2 8.6 13.0





#43

Ethyl Acetate

Concen: 15.945 ug/l

RT: 7.553 min Scan# 90

Delta R.T. -0.006 min

Lab File: VN085052.D

Acq: 27 Nov 2024 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 3616

Ion Ratio Lower Upper

43 100

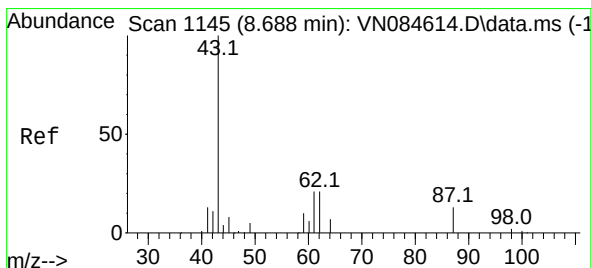
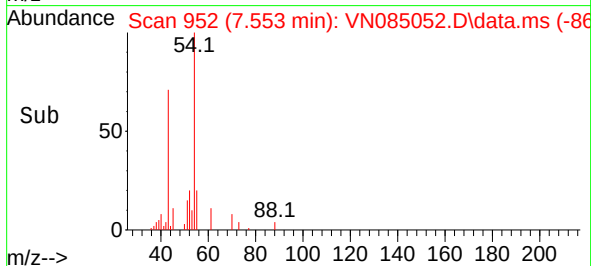
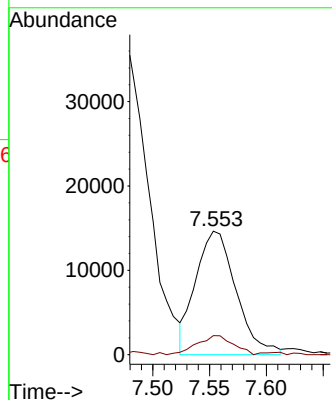
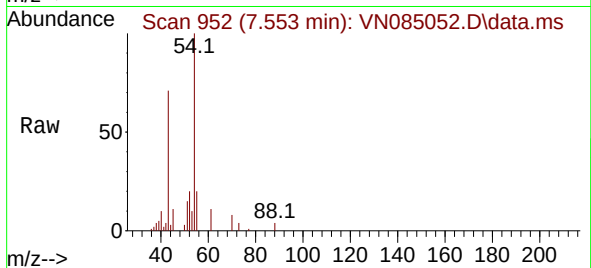
45 13.8 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#44

Isopropyl Acetate

Concen: 15.903 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VN085052.D

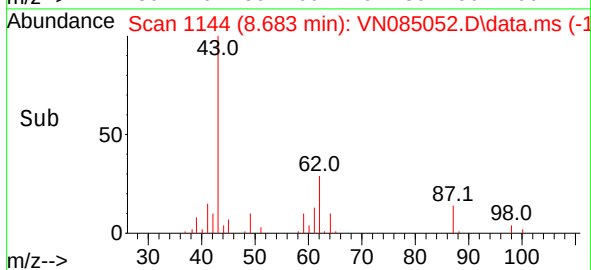
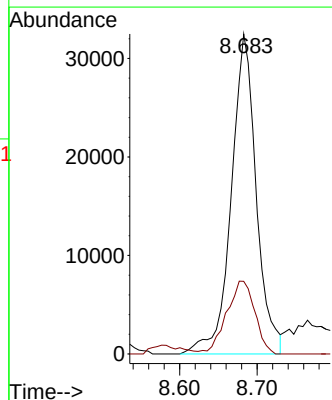
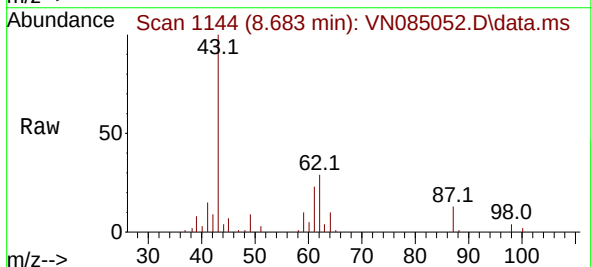
Acq: 27 Nov 2024 11:44

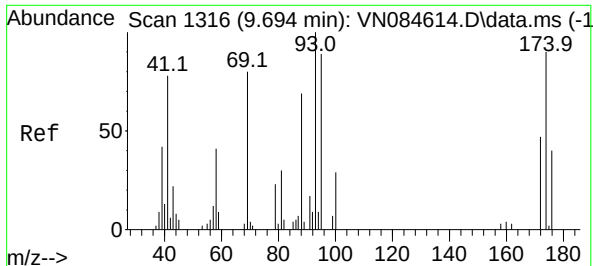
Tgt Ion: 43 Resp: 73039

Ion Ratio Lower Upper

43 100

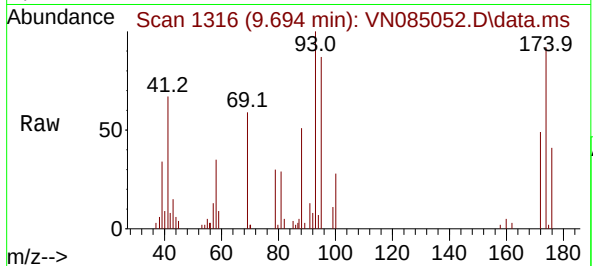
61 25.4 19.8 29.8





#45
1,4-Dioxane
Concen: 313.277 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

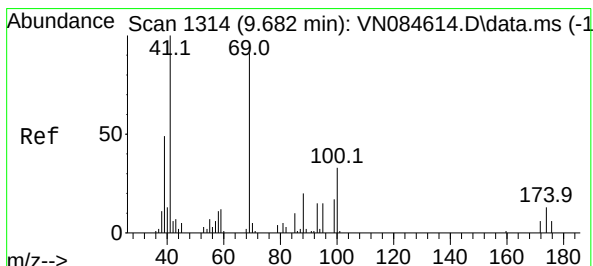
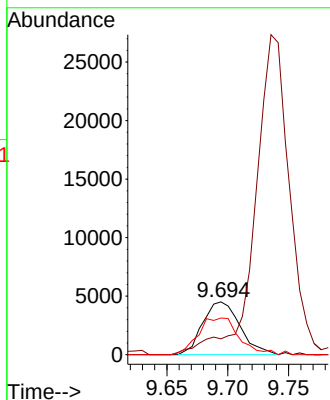
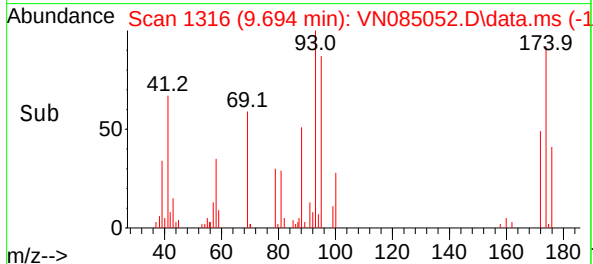
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 88 Resp: 9600
Ion Ratio Lower Upper
88 100
43 23.3 20.8 31.2
58 35.2 53.4 80.2

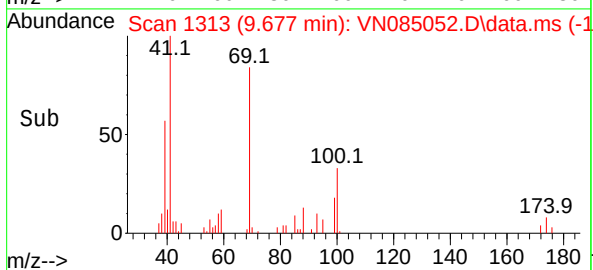
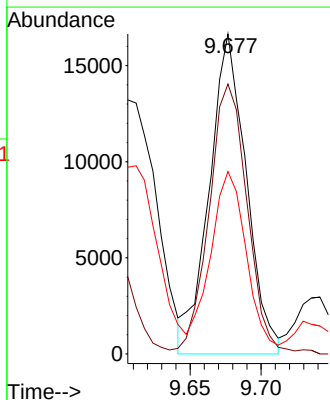
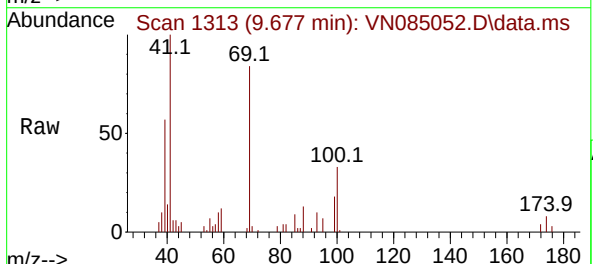
Manual Integrations
APPROVED

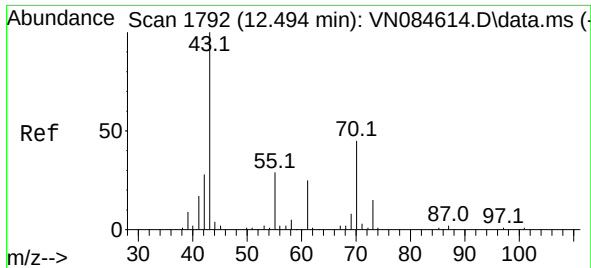
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#46
Methyl methacrylate
Concen: 16.361 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Tgt Ion: 41 Resp: 30198
Ion Ratio Lower Upper
41 100
69 86.9 43.4 130.2
39 57.1 24.7 74.1





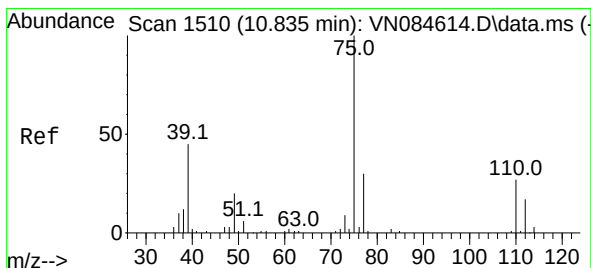
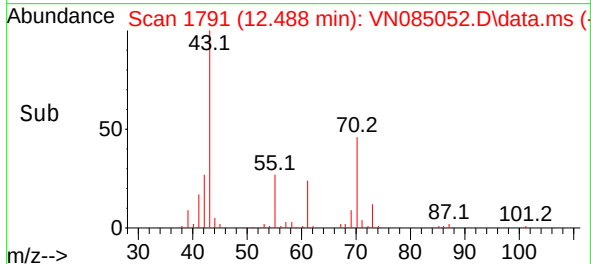
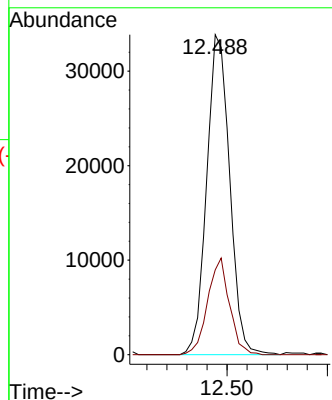
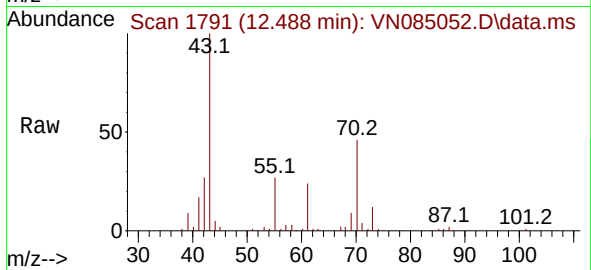
#47
n-amyl Acetate
Concen: 15.721 ug/l
RT: 12.488 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 53920
Ion Ratio Lower Upper
43 100
55 28.6 22.0 33.0

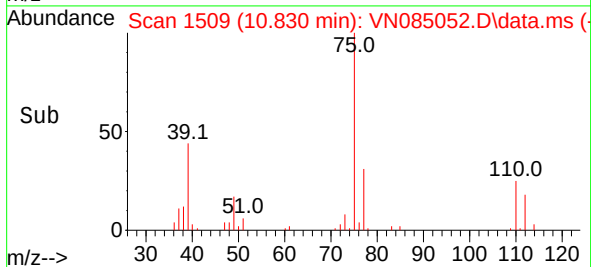
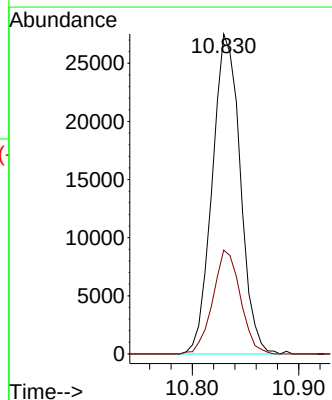
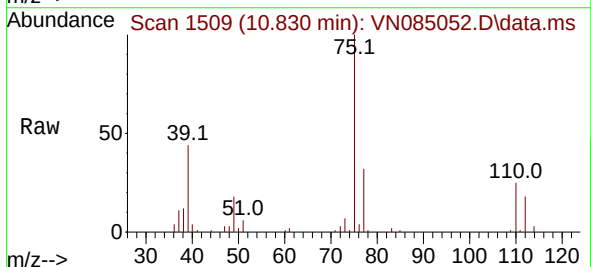
Manual Integrations
APPROVED

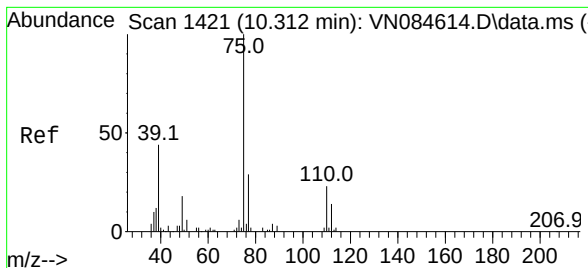
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#48
t-1,3-Dichloropropene
Concen: 18.211 ug/l
RT: 10.830 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

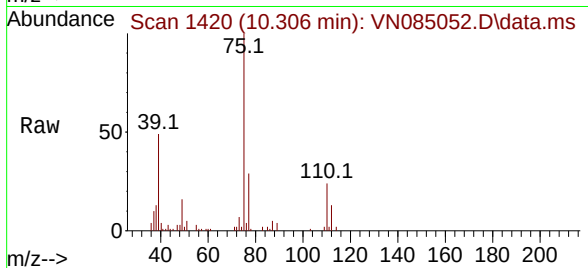
Tgt Ion: 75 Resp: 50213
Ion Ratio Lower Upper
75 100
77 32.5 24.4 36.6





#49
cis-1,3-Dichloropropene
Concen: 18.779 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

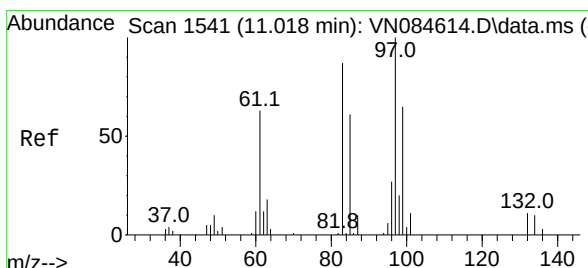
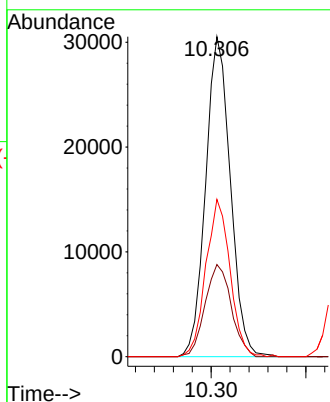
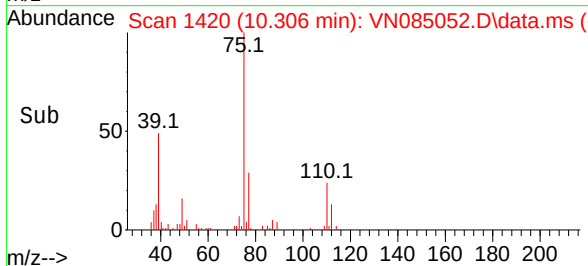
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 5549
Ion Ratio Lower Upper
75 100
77 28.8 23.4 35.2
39 49.1 35.4 53.2

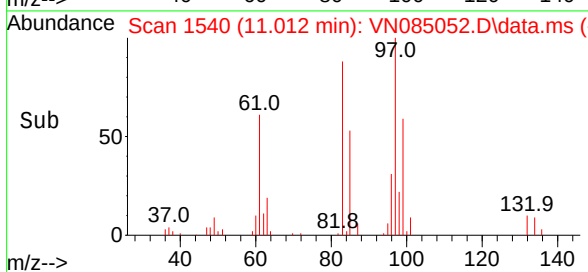
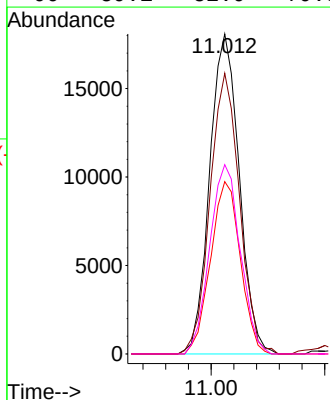
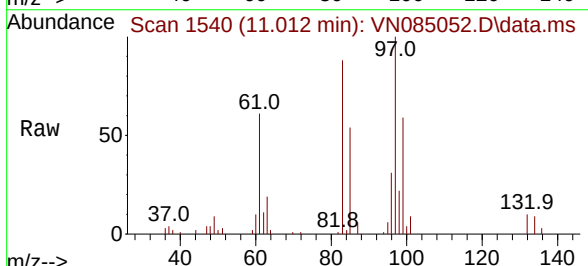
Manual Integrations
APPROVED

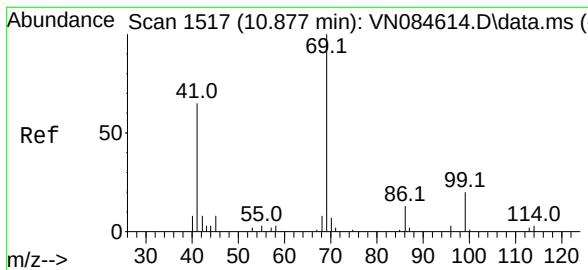
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#50
1,1,2-Trichloroethane
Concen: 18.730 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.006 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Tgt Ion: 97 Resp: 32725
Ion Ratio Lower Upper
97 100
83 87.7 69.8 104.8
85 53.8 48.6 73.0
99 59.1 52.9 79.3





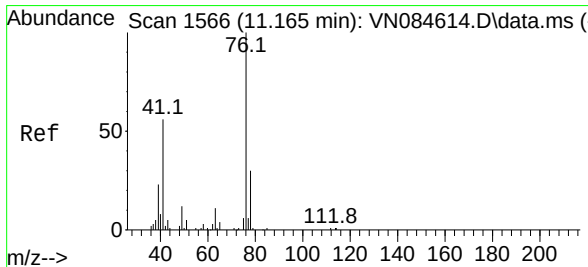
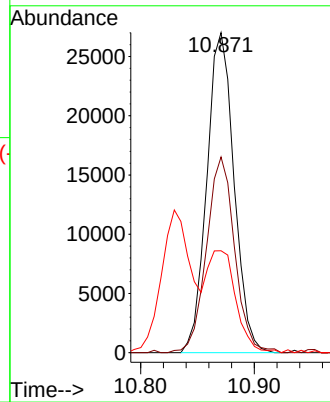
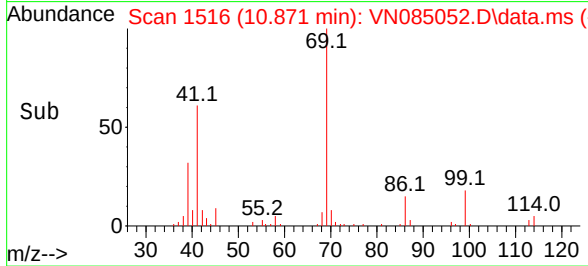
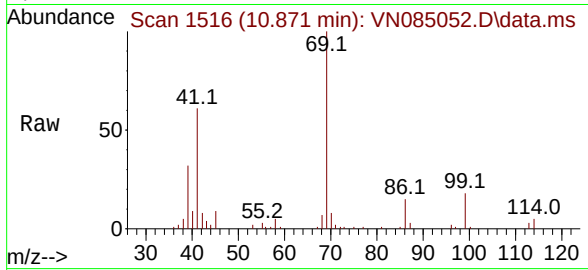
#51
Ethyl methacrylate
Concen: 16.715 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 69 Resp: 4501
Ion Ratio Lower Upper
69 100
41 61.1 32.8 98.3
39 31.9 15.4 46.1

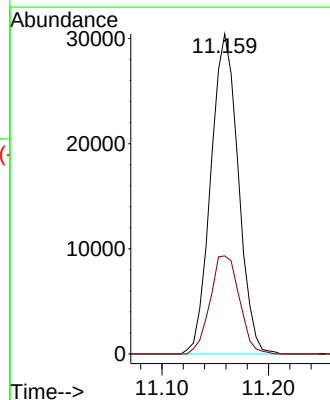
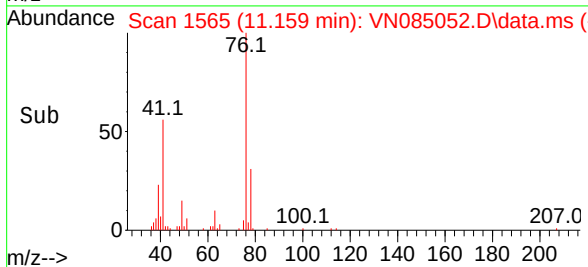
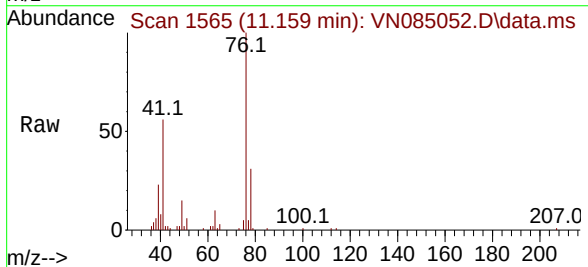
Manual Integrations
APPROVED

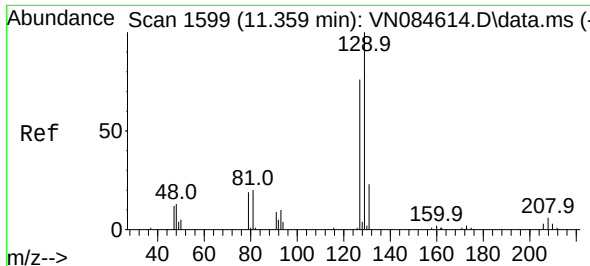
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#52
1,3-Dichloropropane
Concen: 17.993 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Tgt Ion: 76 Resp: 54569
Ion Ratio Lower Upper
76 100
78 32.6 0.0 64.0





#53

Dibromochloromethane

Concen: 19.052 ug/l

RT: 11.353 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VN085052.D

Acq: 27 Nov 2024 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:129 Resp: 38954

Ion Ratio Lower Upper

129 100

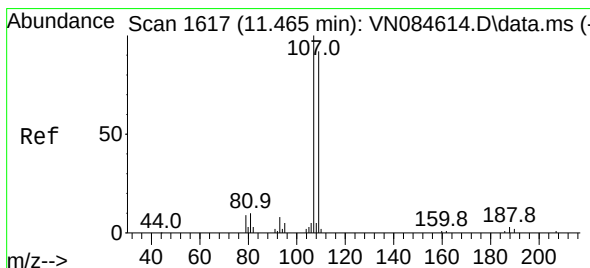
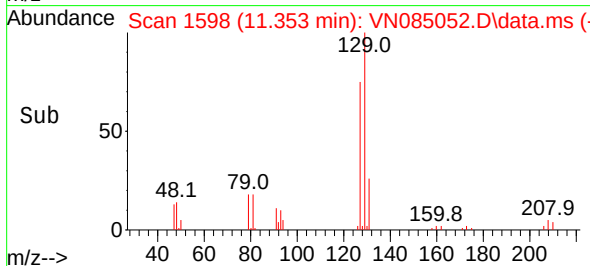
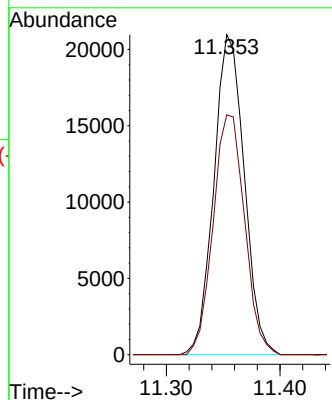
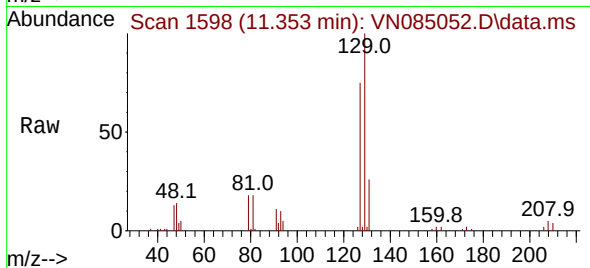
127 77.5 39.6 119.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#54

1,2-Dibromoethane

Concen: 18.102 ug/l

RT: 11.465 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VN085052.D

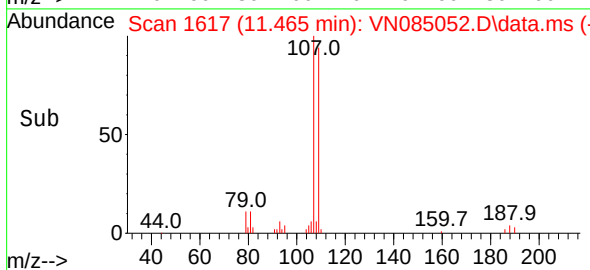
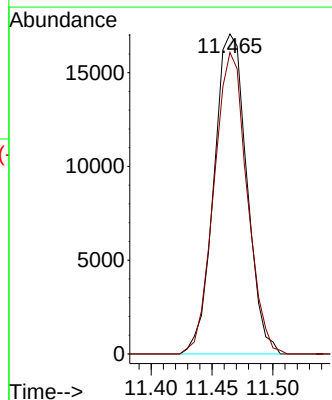
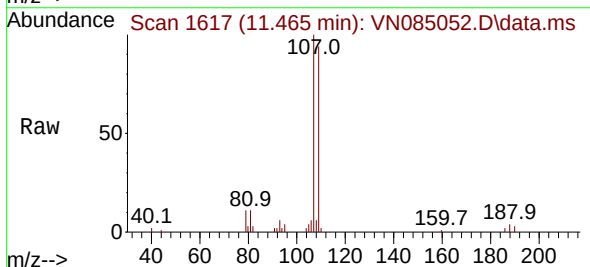
Acq: 27 Nov 2024 11:44

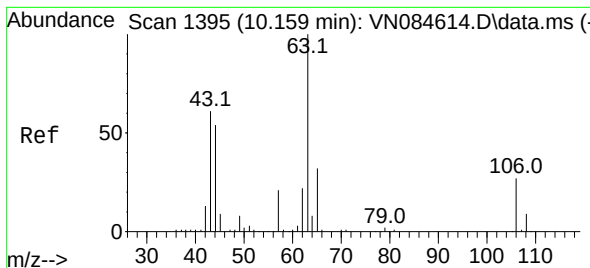
Tgt Ion:107 Resp: 31988

Ion Ratio Lower Upper

107 100

109 94.7 73.4 110.0





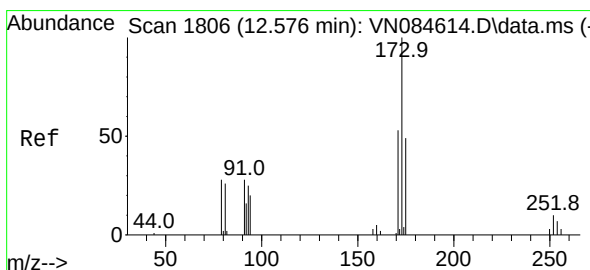
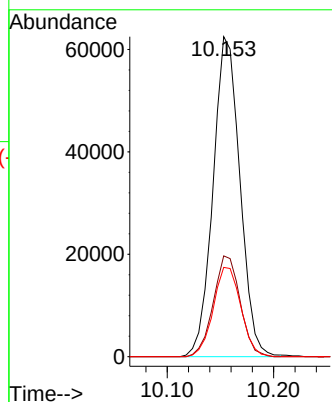
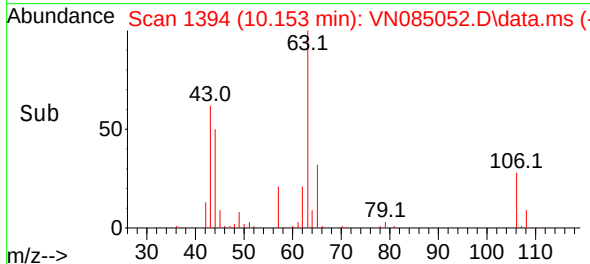
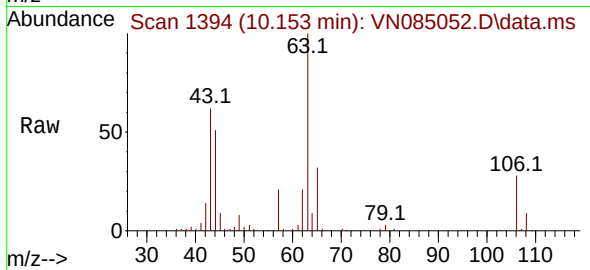
#55
2-Chloroethyl vinyl ether
Concen: 82.982 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 109569
Ion Ratio Lower Upper
63 100
65 31.3 25.5 38.3
106 28.6 22.3 33.5

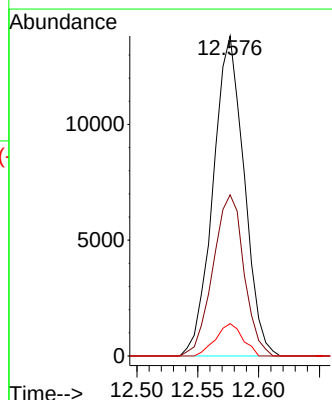
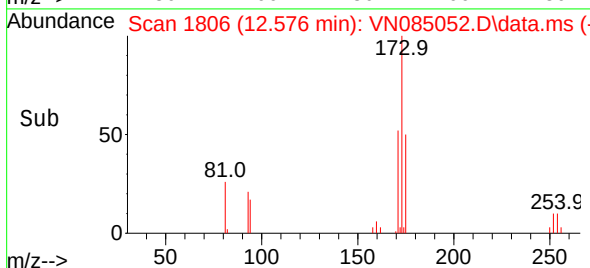
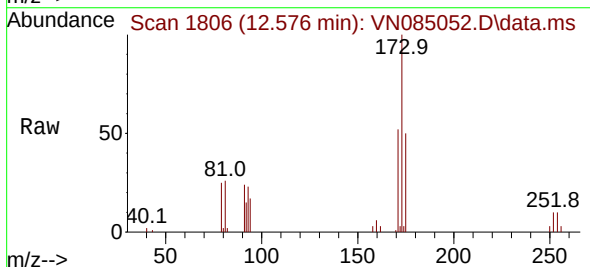
Manual Integrations
APPROVED

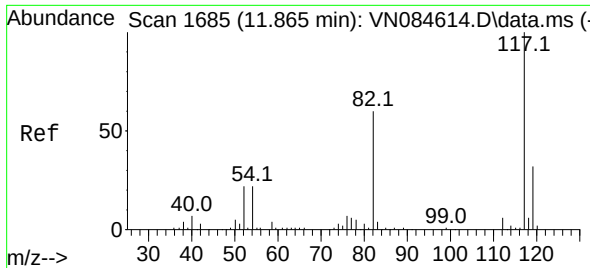
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#56
Bromoform
Concen: 17.835 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

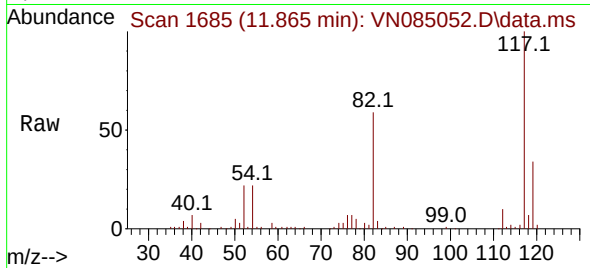
Tgt Ion:173 Resp: 24443
Ion Ratio Lower Upper
173 100
175 50.3 39.4 59.2
254 8.8 6.4 9.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

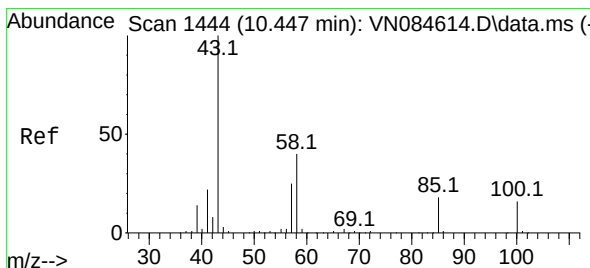
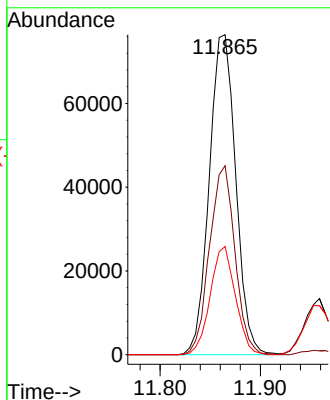
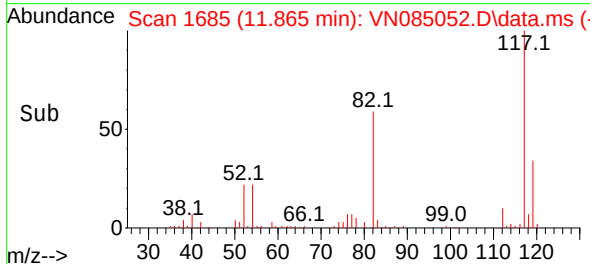
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



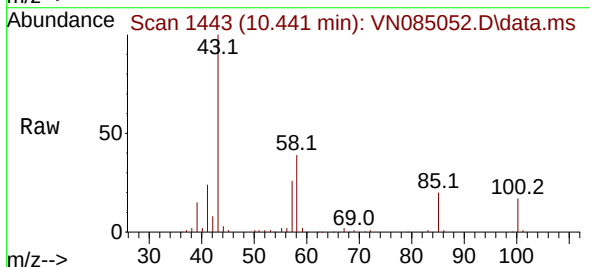
Tgt Ion:117 Resp: 140160
Ion Ratio Lower Upper
117 100
82 56.8 45.5 68.3
119 32.1 25.3 37.9

Manual Integrations
APPROVED

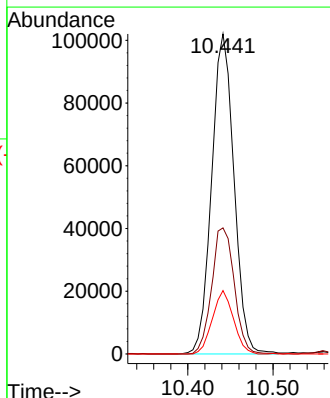
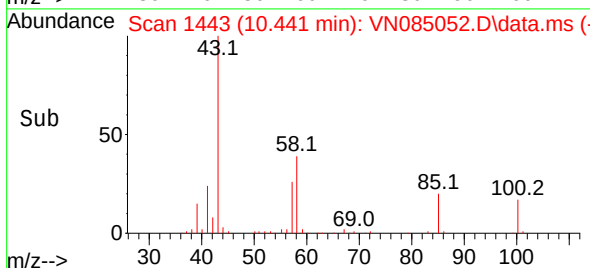
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024

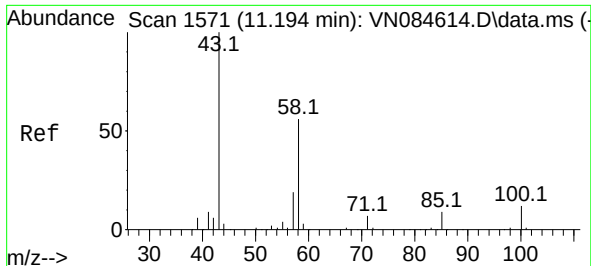


#58
4-Methyl-2-Pentanone
Concen: 84.157 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44



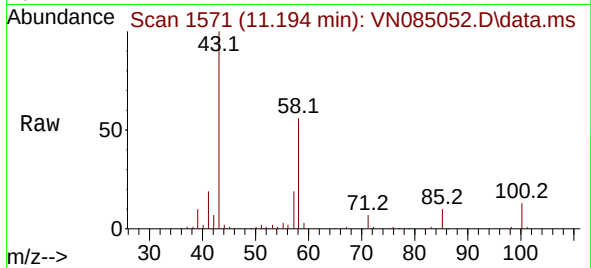
Tgt Ion: 43 Resp: 186087
Ion Ratio Lower Upper
43 100
58 39.8 31.2 46.8
85 18.7 14.9 22.3





#59
2-Hexanone
Concen: 83.648 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

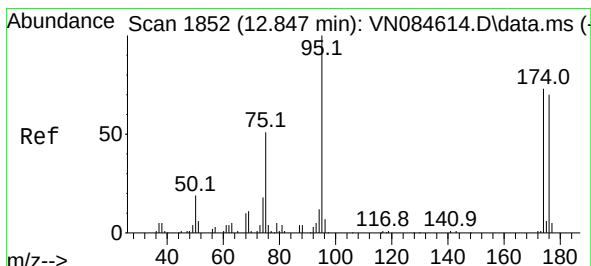
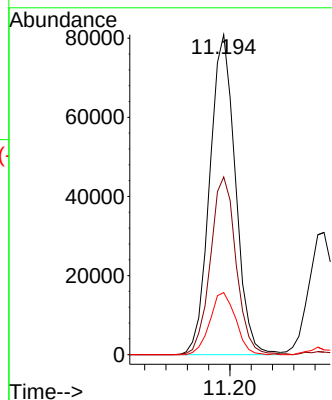
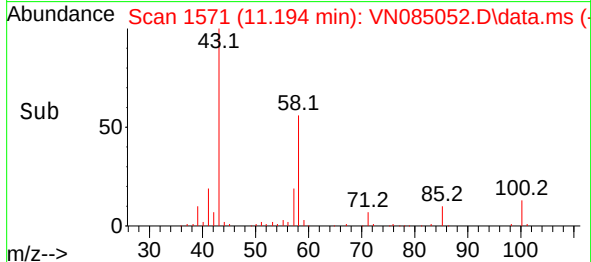
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 13544
Ion Ratio Lower Upper
43 100
58 55.5 43.8 65.6
57 19.4 15.0 22.6

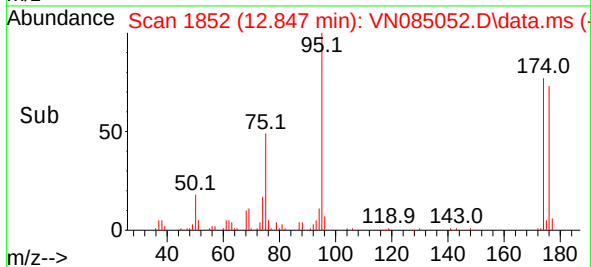
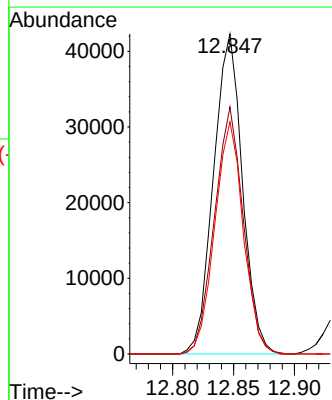
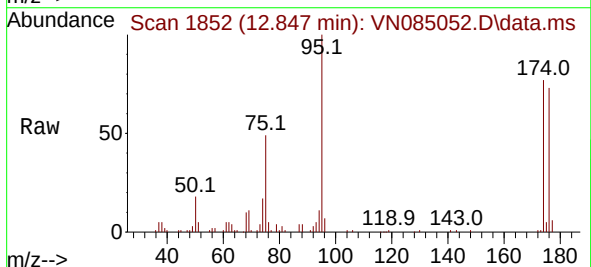
Manual Integrations
APPROVED

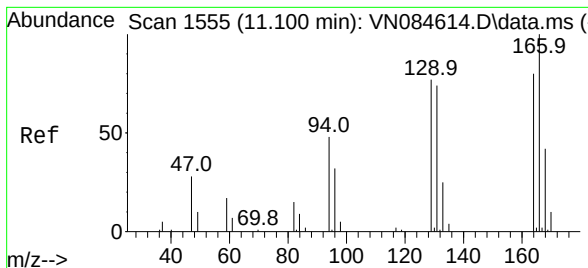
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#60
4-Bromofluorobenzene
Concen: 28.963 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

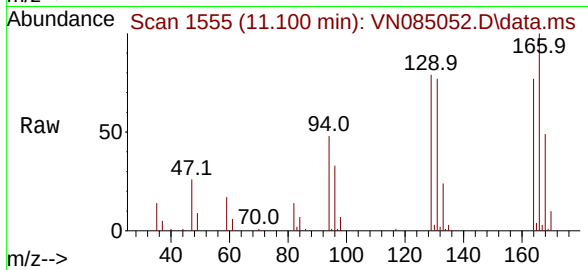
Tgt Ion: 95 Resp: 69898
Ion Ratio Lower Upper
95 100
174 76.6 59.6 89.4
176 71.9 58.6 88.0





#61
Tetrachloroethene
Concen: 19.198 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

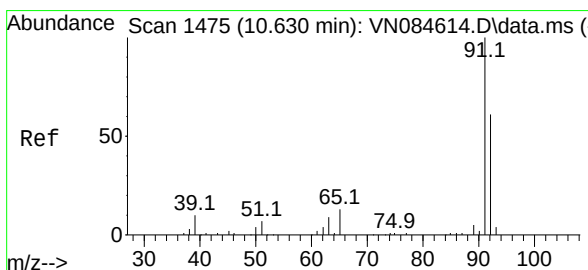
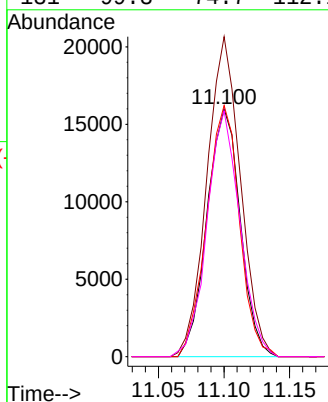
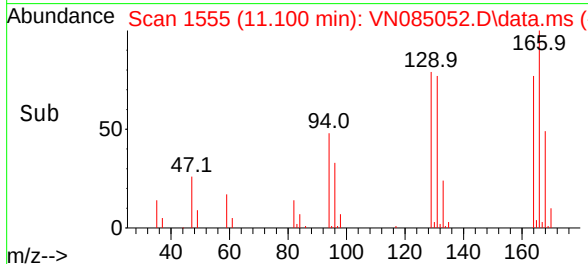
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



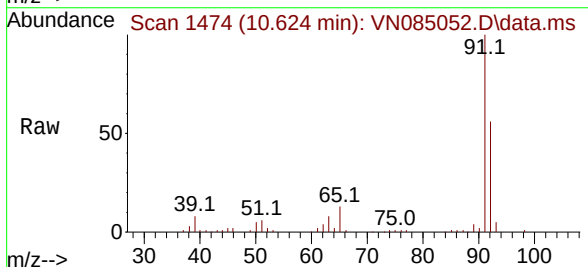
Tgt Ion:164 Resp: 2816
Ion Ratio Lower Upper
164 100
166 129.2 100.5 150.7
129 101.5 77.7 116.5
131 99.3 74.7 112.1

Manual Integrations
APPROVED

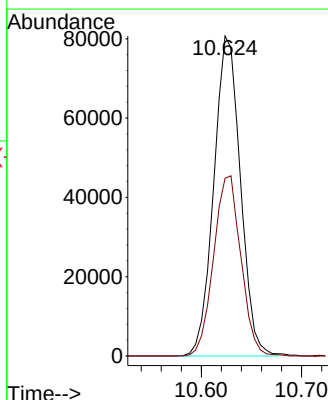
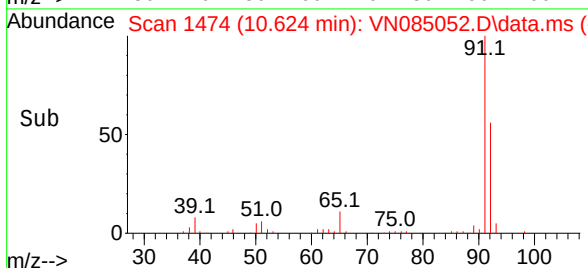
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024

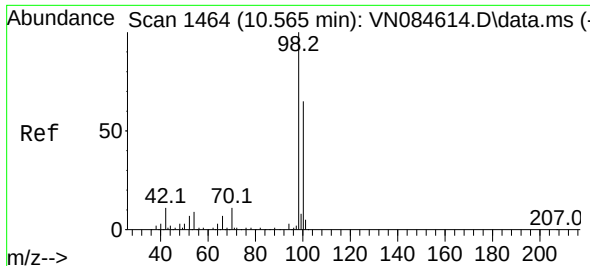


#62
Toluene
Concen: 18.632 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44



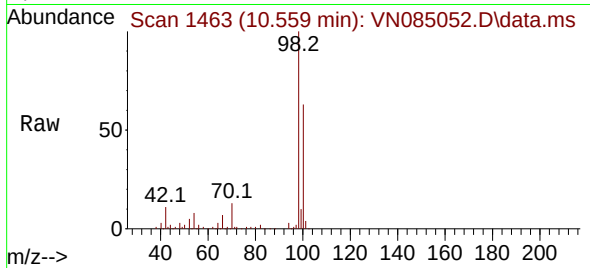
Tgt Ion: 91 Resp: 148738
Ion Ratio Lower Upper
91 100
92 57.6 47.5 71.3





#63
Toluene-d8
Concen: 29.324 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.006 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

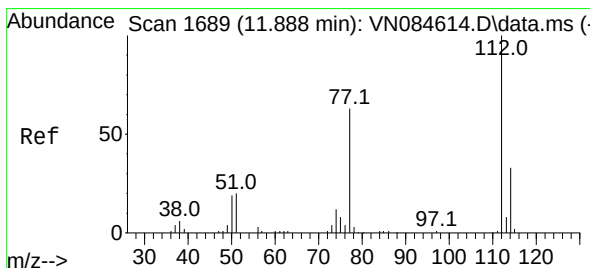
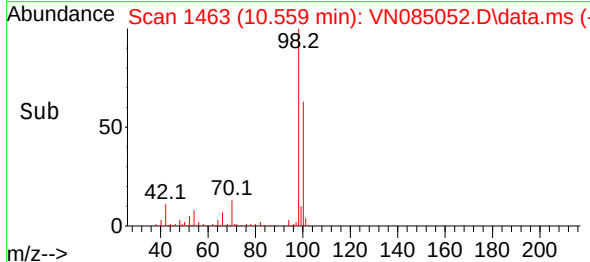
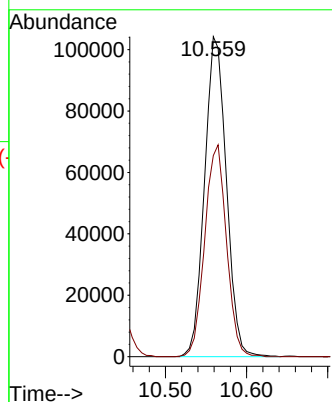
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 98 Resp: 194573
Ion Ratio Lower Upper
98 100
100 65.9 52.2 78.2

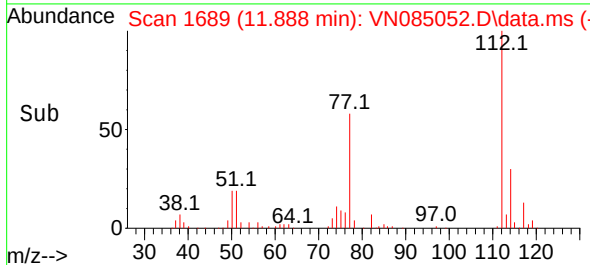
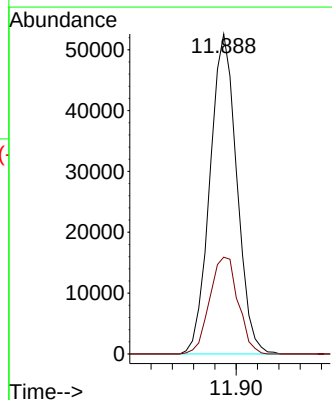
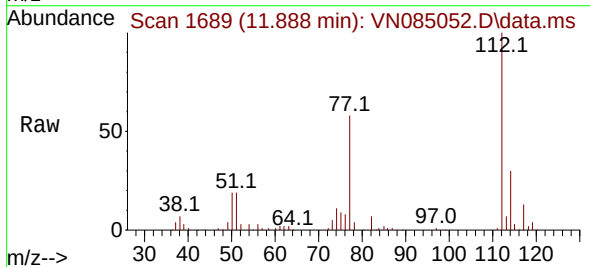
Manual Integrations
APPROVED

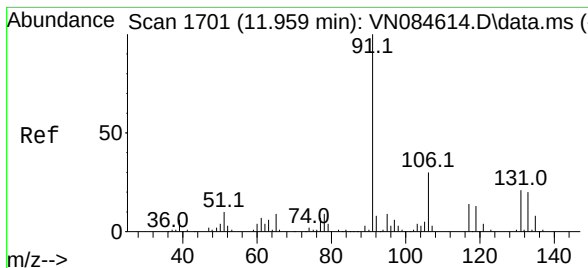
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#64
Chlorobenzene
Concen: 19.132 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

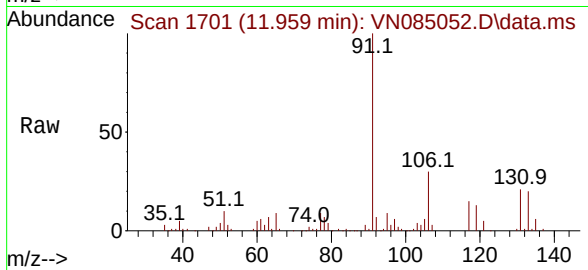
Tgt Ion:112 Resp: 92200
Ion Ratio Lower Upper
112 100
114 30.3 26.2 39.4





#65
1,1,1,2-Tetrachloroethane
Concen: 19.467 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

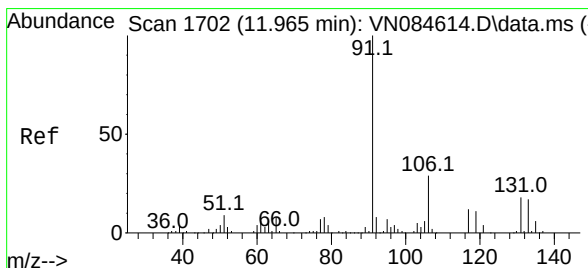
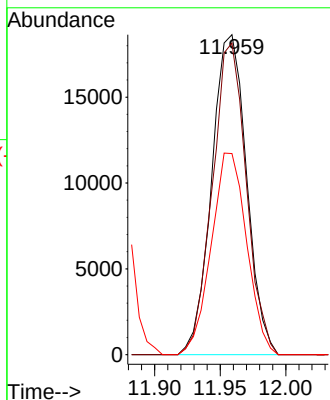
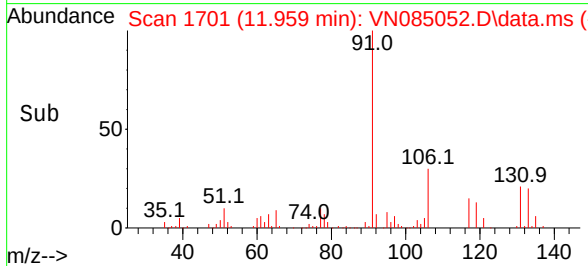
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



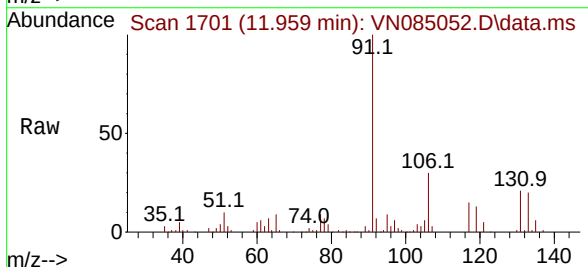
Tgt Ion:131 Resp: 34478
Ion Ratio Lower Upper
131 100
133 94.7 0.0 189.2
119 64.0 0.0 129.4

Manual Integrations
APPROVED

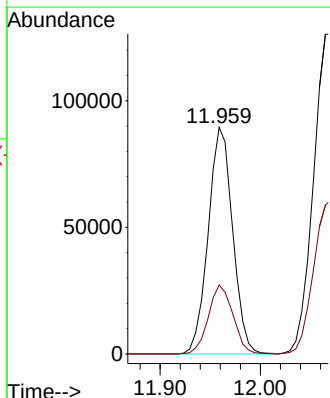
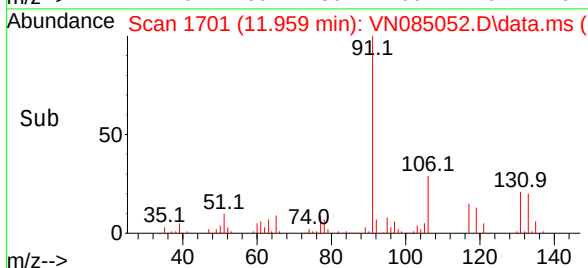
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024

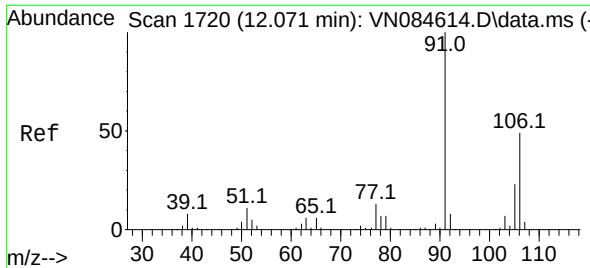


#66
Ethyl Benzene
Concen: 18.061 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44



Tgt Ion: 91 Resp: 151524
Ion Ratio Lower Upper
91 100
106 30.4 22.9 34.3





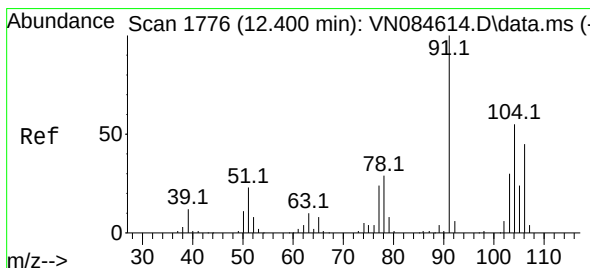
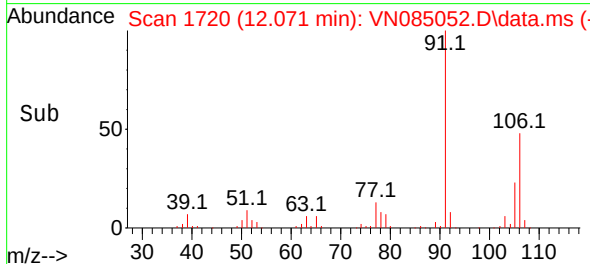
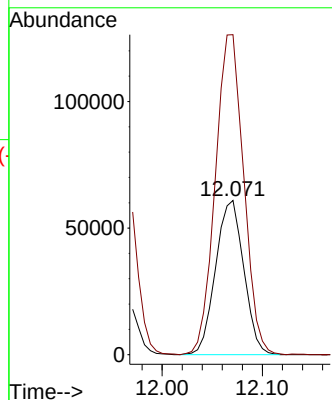
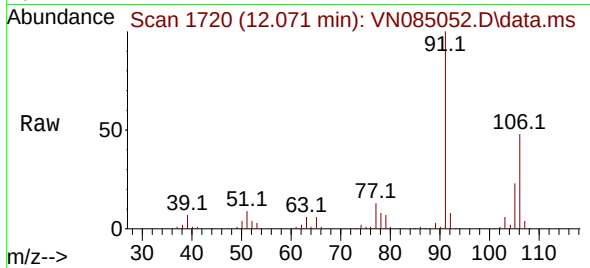
#67
m/p-Xylenes
Concen: 36.996 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 118829
Ion Ratio Lower Upper
106 100
91 209.2 168.1 252.1

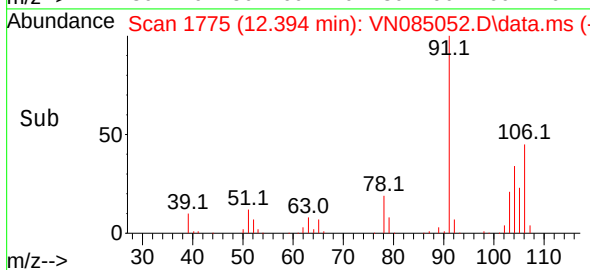
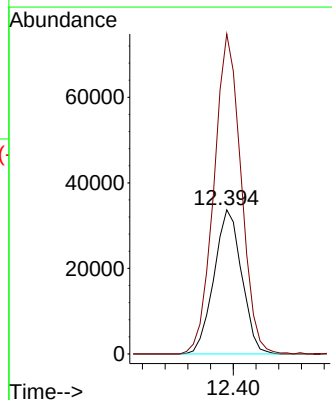
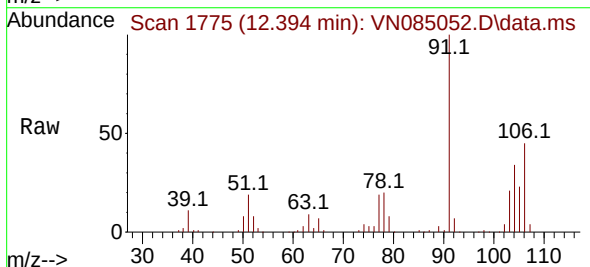
Manual Integrations
APPROVED

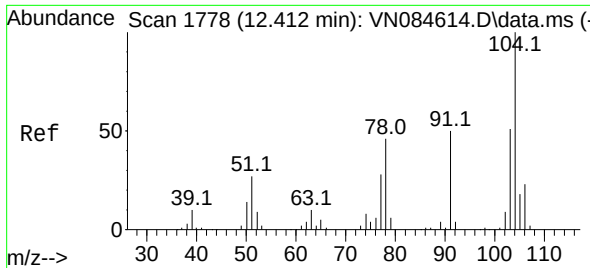
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#68
o-Xylene
Concen: 18.418 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Tgt Ion:106 Resp: 57067
Ion Ratio Lower Upper
106 100
91 217.3 107.7 322.9





#69

Styrene

Concen: 18.636 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VN085052.D

Acq: 27 Nov 2024 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

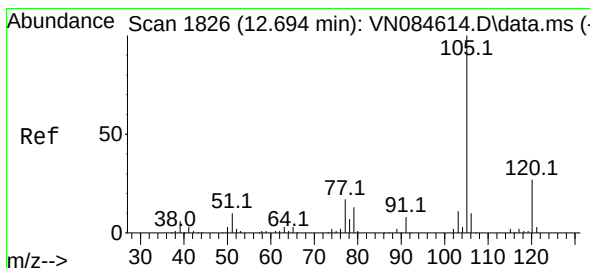
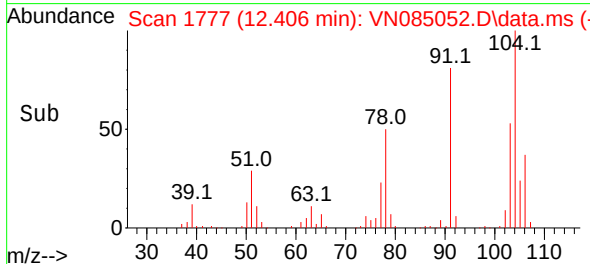
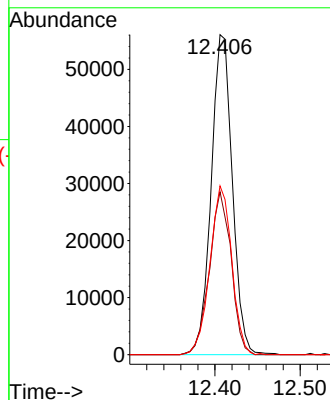
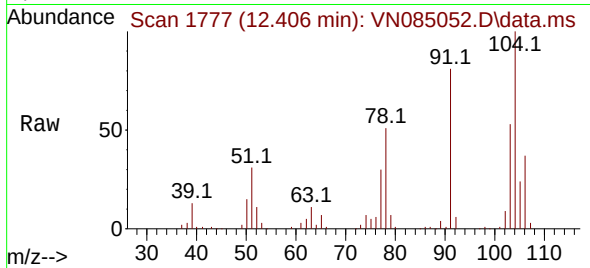
Tgt Ion:104	Resp:	9681
Ion Ratio	Lower	Upper
104	100	
78	52.2	41.5 62.3
103	54.3	44.6 67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#70

Isopropylbenzene

Concen: 18.684 ug/l

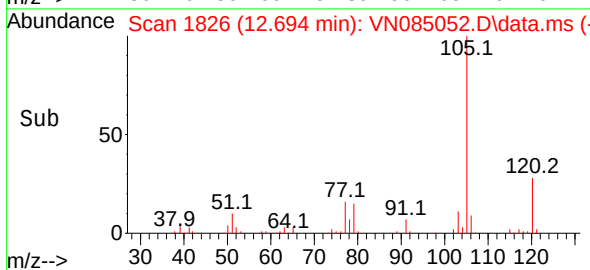
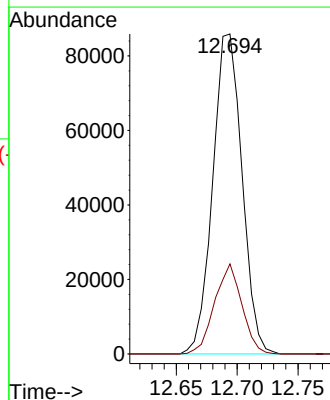
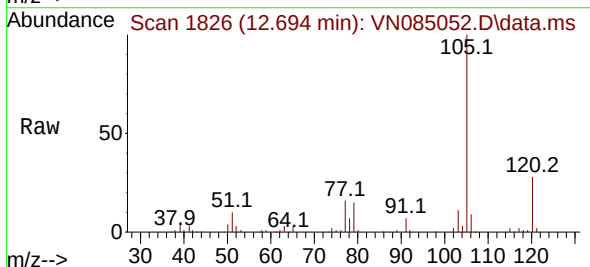
RT: 12.694 min Scan# 1826

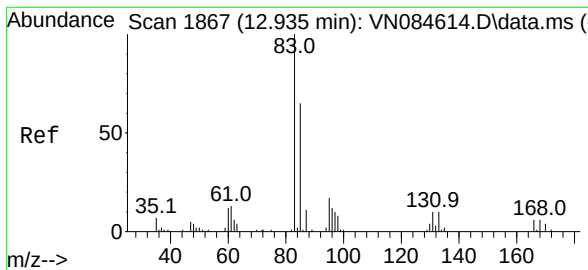
Delta R.T. 0.000 min

Lab File: VN085052.D

Acq: 27 Nov 2024 11:44

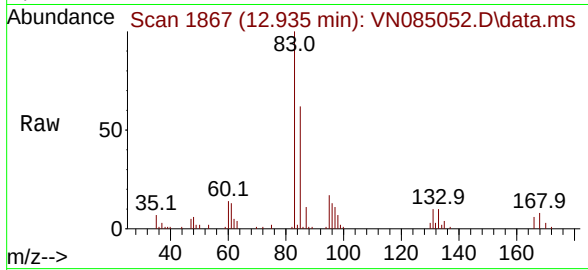
Tgt Ion:105	Resp:	143806
Ion Ratio	Lower	Upper
105	100	
120	26.2	18.7 34.7





#71
1,1,2,2-Tetrachloroethane
Concen: 17.878 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

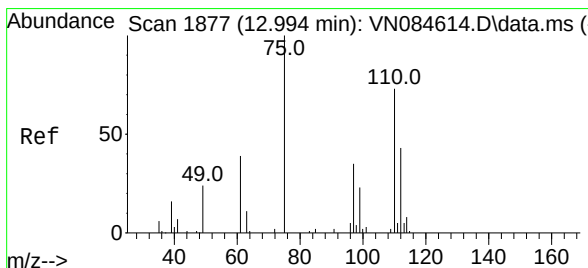
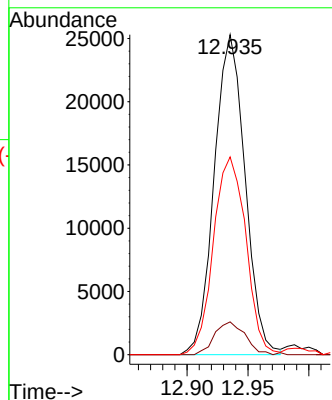
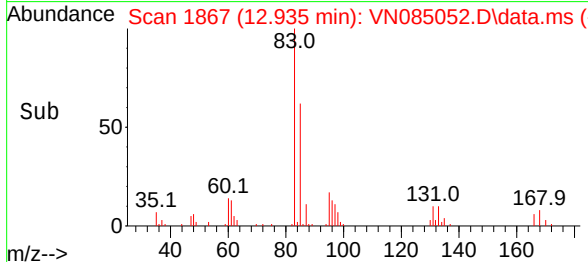
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 83 Resp: 44600
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 64.9 33.3 99.9

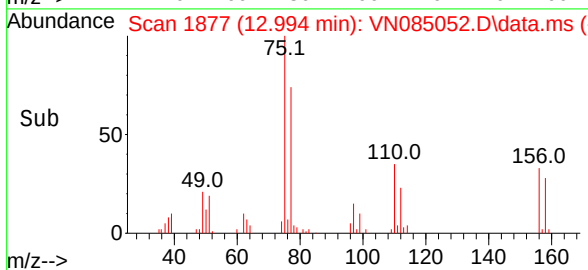
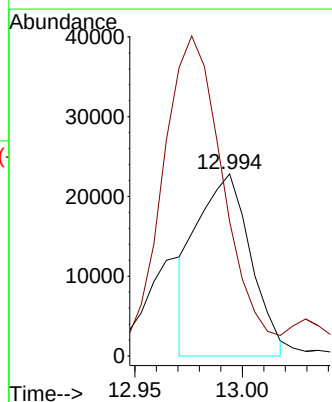
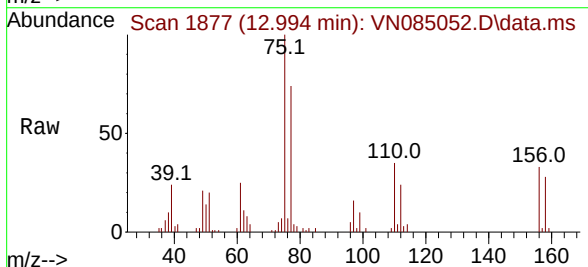
Manual Integrations
APPROVED

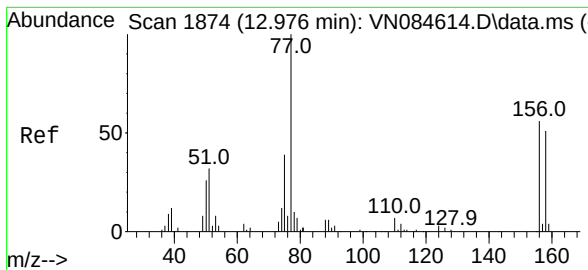
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#72
1,2,3-Trichloropropane
Concen: 18.626 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

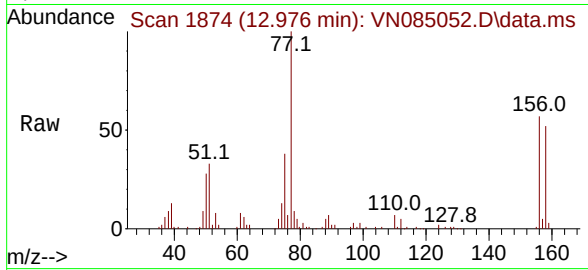
Tgt Ion: 75 Resp: 39678
Ion Ratio Lower Upper
75 100
77 202.6 0.0 358.4





#73
Bromobenzene
Concen: 19.235 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

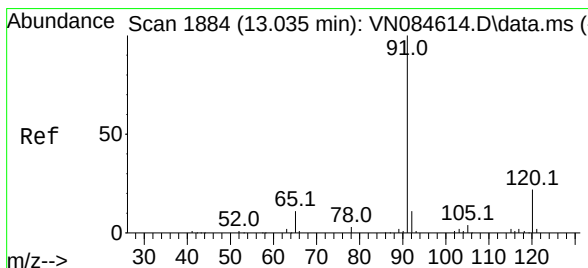
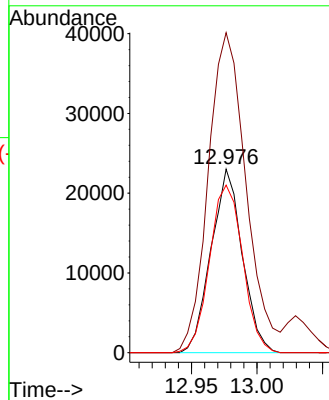
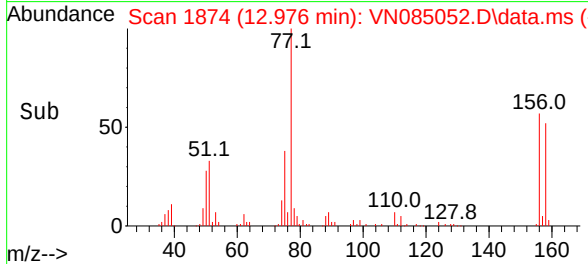
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:156 Resp: 3818
Ion Ratio Lower Upper
156 100
77 210.5 0.0 427.6
158 96.5 0.0 191.6

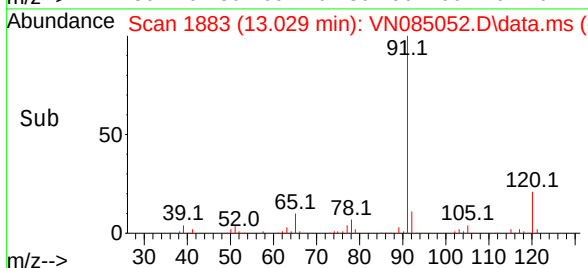
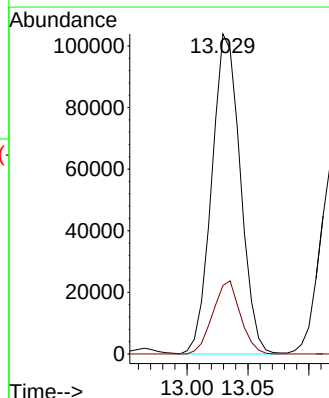
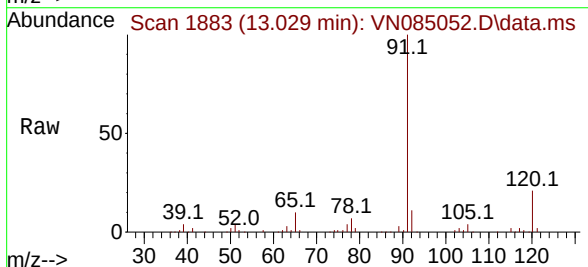
Manual Integrations
APPROVED

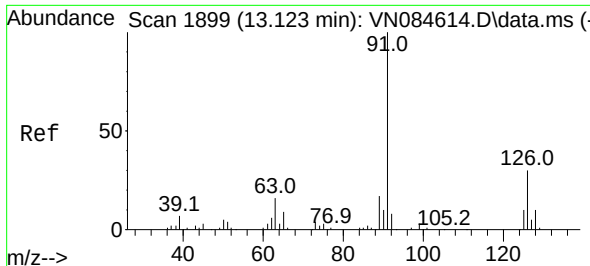
Reviewed By :John Carbone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#74
n-propylbenzene
Concen: 18.850 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Tgt Ion: 91 Resp: 169659
Ion Ratio Lower Upper
91 100
120 22.0 0.0 44.0





#75
2-Chlorotoluene
Concen: 18.949 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Instrument :

MSVOA_N

ClientSampleId :

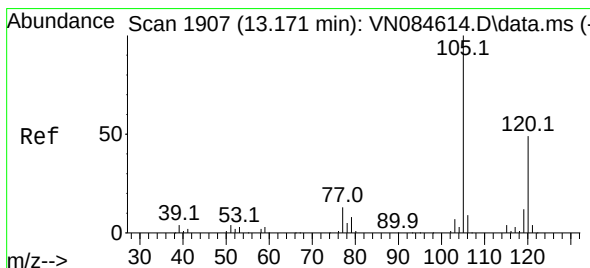
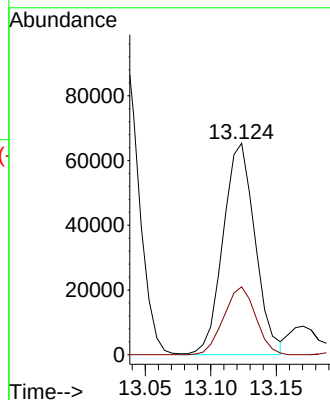
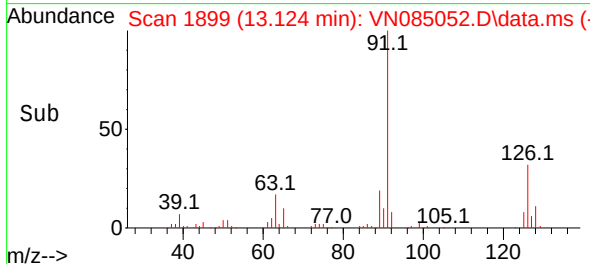
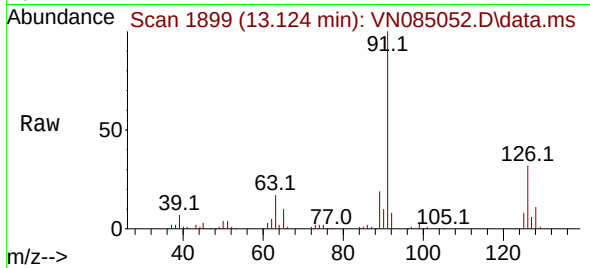
VSTDCCC020

Tgt Ion: 91 Resp: 111064
Ion Ratio Lower Upper
91 100
126 31.9 0.0 60.8

Manual Integrations

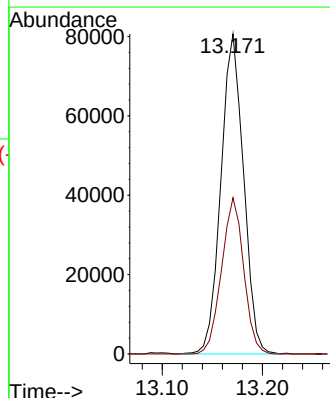
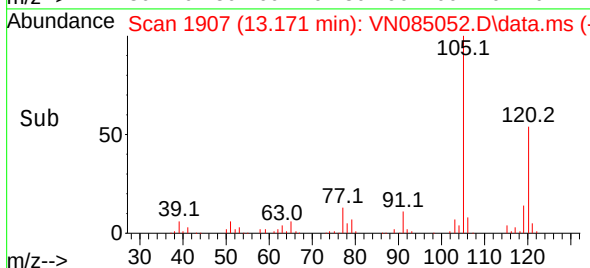
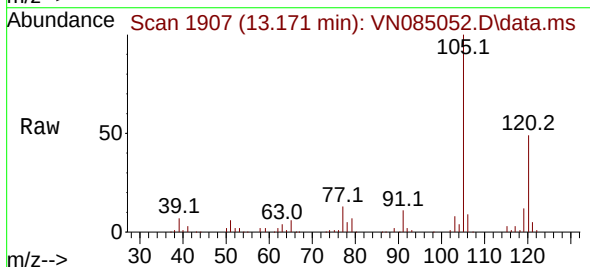
APPROVED

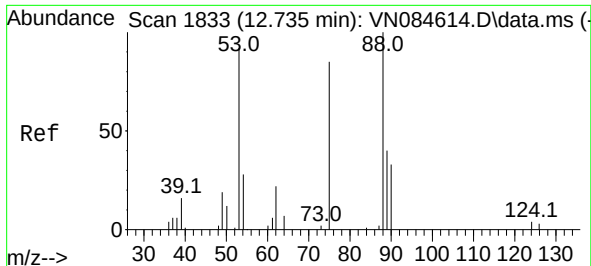
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#76
1,3,5-Trimethylbenzene
Concen: 19.230 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

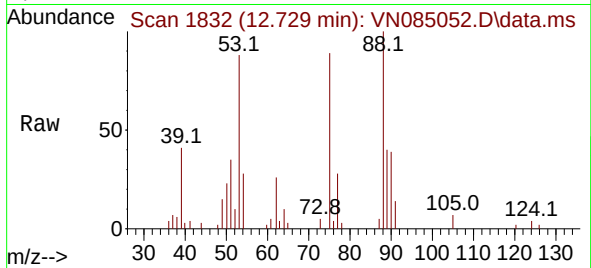
Tgt Ion:105 Resp: 126463
Ion Ratio Lower Upper
105 100
120 47.7 0.0 96.8





#77
t-1,4-Dichloro-2-butene
Concen: 16.404 ug/l
RT: 12.729 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

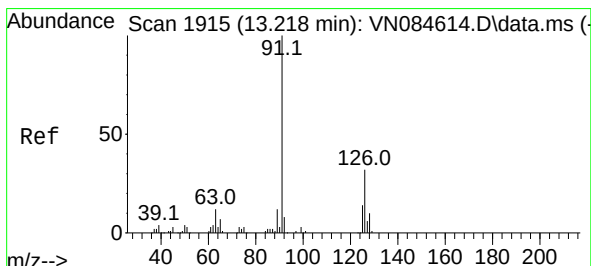
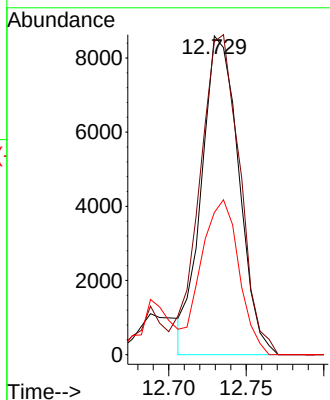
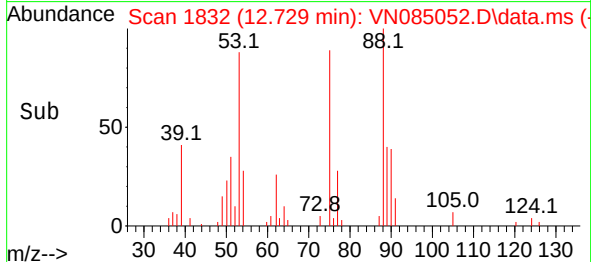
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 1433
Ion Ratio Lower Upper
75 100
53 98.2 52.4 157.2
89 44.6 26.0 78.0

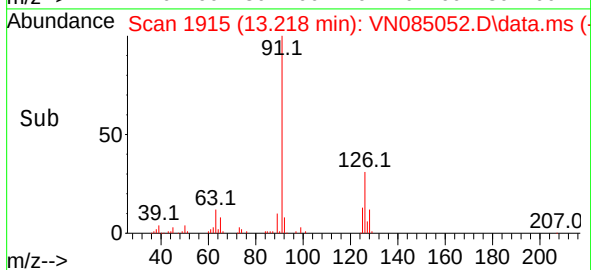
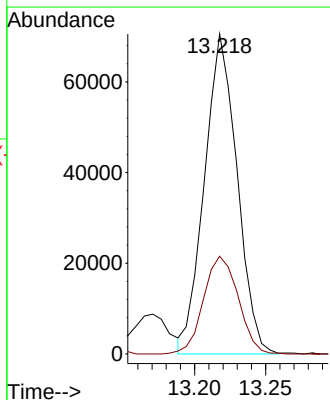
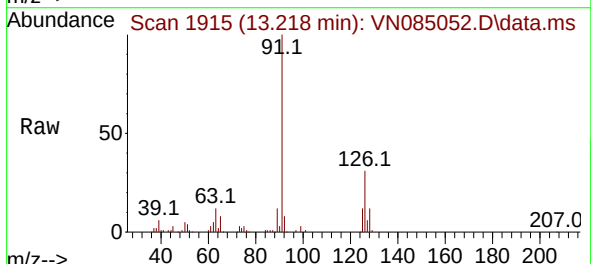
Manual Integrations
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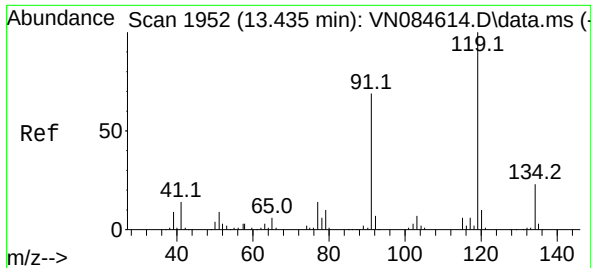
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#78
4-Chlorotoluene
Concen: 19.032 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Tgt Ion: 91 Resp: 112705
Ion Ratio Lower Upper
91 100
126 32.5 0.0 63.4





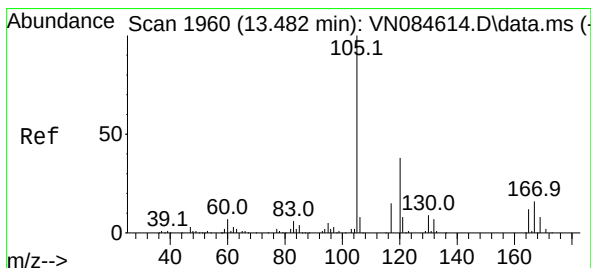
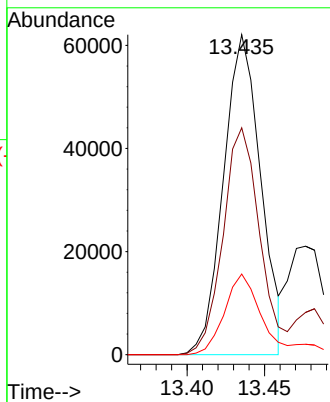
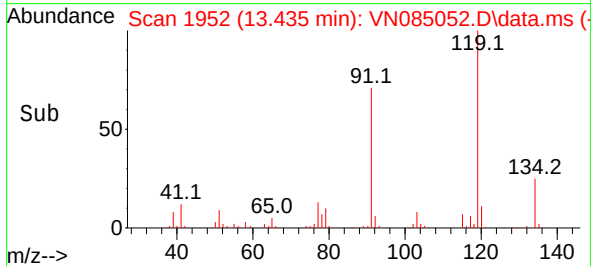
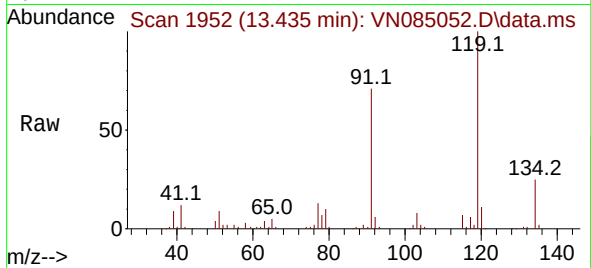
#79
tert-butylbenzene
Concen: 19.061 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:119 Resp: 103660
Ion Ratio Lower Upper
119 100
91 70.3 0.0 143.2
134 24.1 0.0 49.4

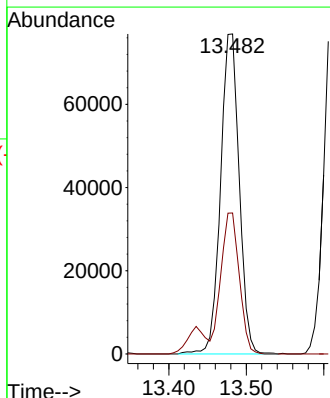
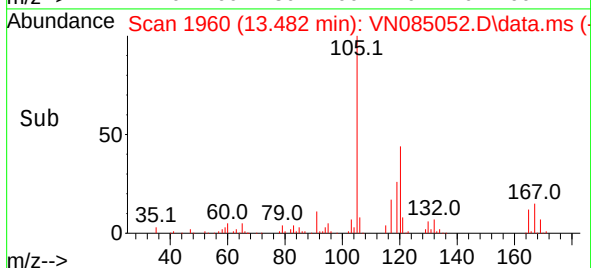
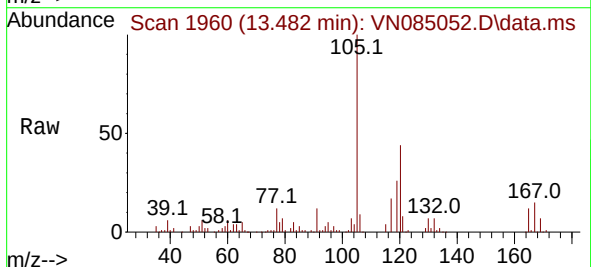
Manual Integrations
APPROVED

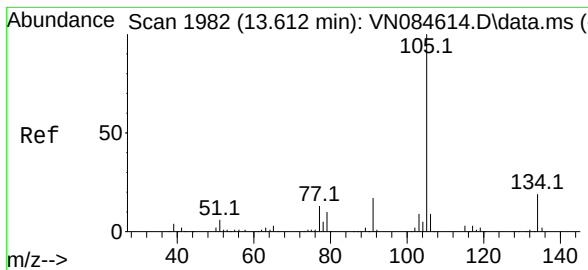
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#80
1,2,4-Trimethylbenzene
Concen: 19.433 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

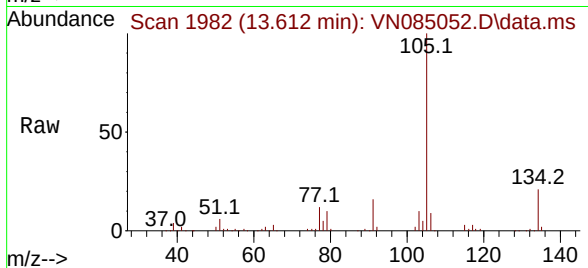
Tgt Ion:105 Resp: 128927
Ion Ratio Lower Upper
105 100
120 43.4 0.0 90.4





#81
 sec-Butylbenzene
 Concen: 19.444 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN085052.D
 Acq: 27 Nov 2024 11:44

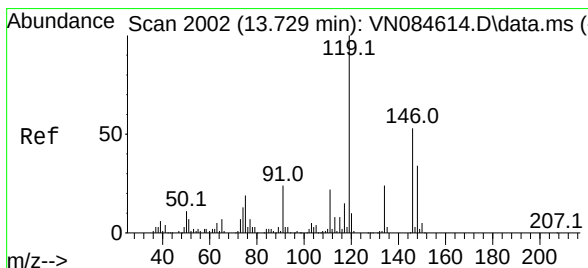
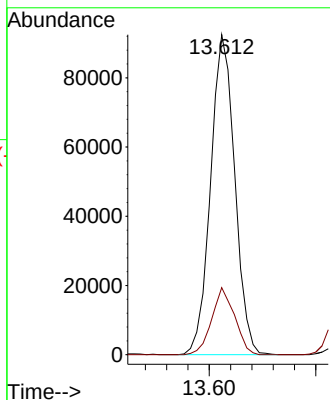
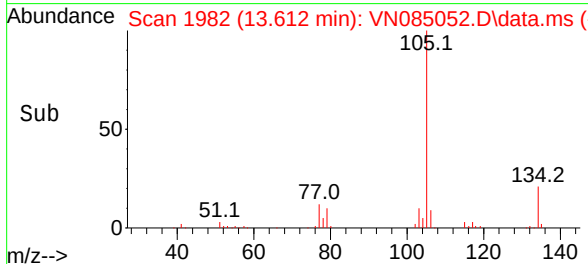
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



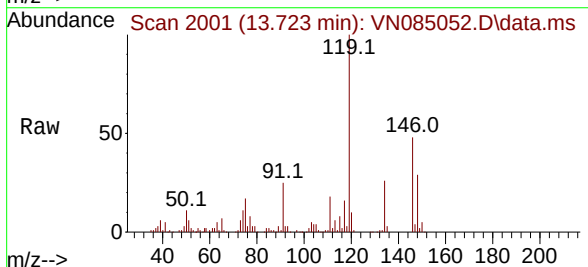
Tgt Ion:105 Resp: 145710
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 39.0

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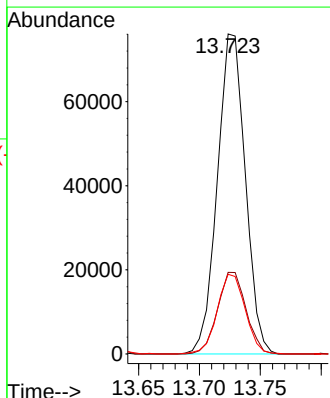
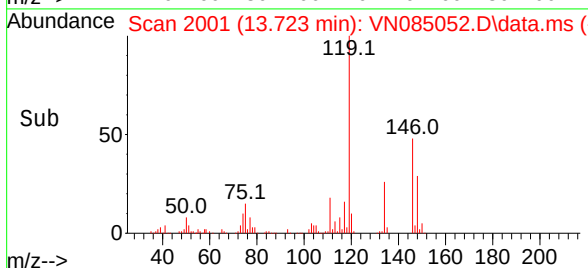
Reviewed By :John Carlone 12/02/2024
 Supervised By :Mahesh Dadoda 12/02/2024

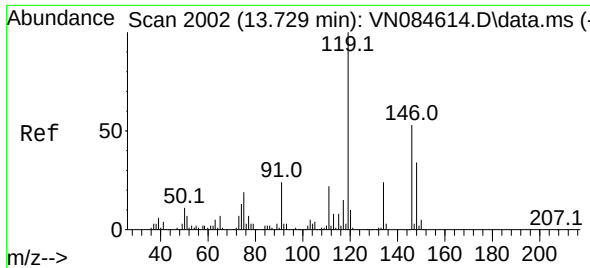


#82
 p-Isopropyltoluene
 Concen: 19.321 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN085052.D
 Acq: 27 Nov 2024 11:44



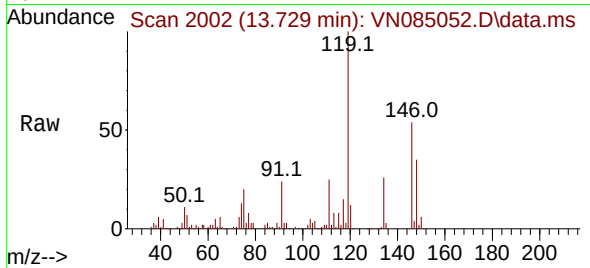
Tgt Ion:119 Resp: 121657
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 51.4
 91 25.0 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 18.914 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

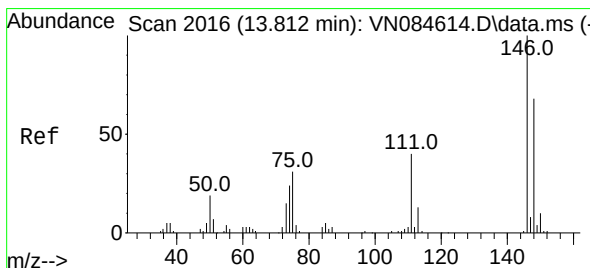
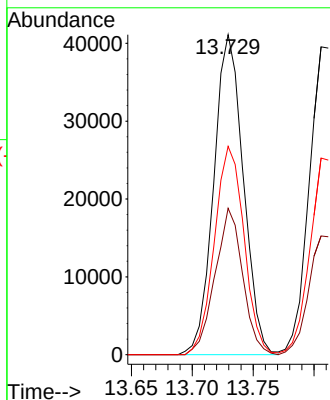
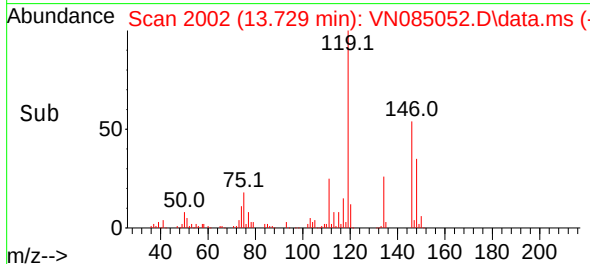
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



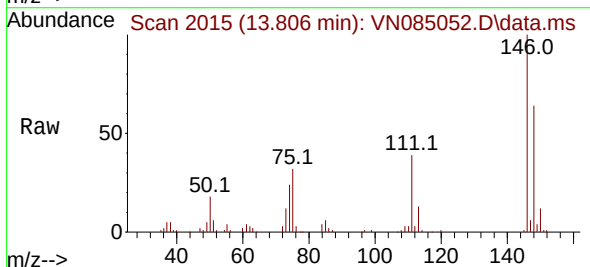
Tgt Ion:146 Resp: 69442
Ion Ratio Lower Upper
146 100
111 42.8 21.0 63.0
148 65.2 31.3 93.8

Manual Integrations
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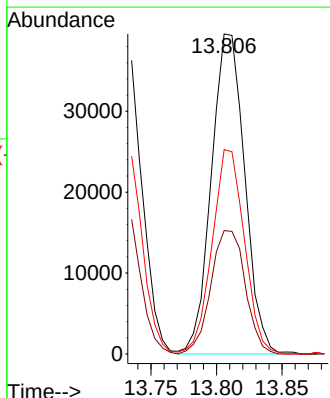
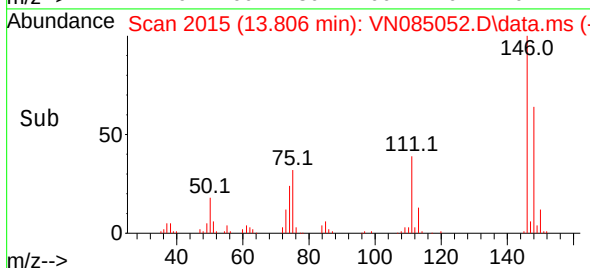
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024

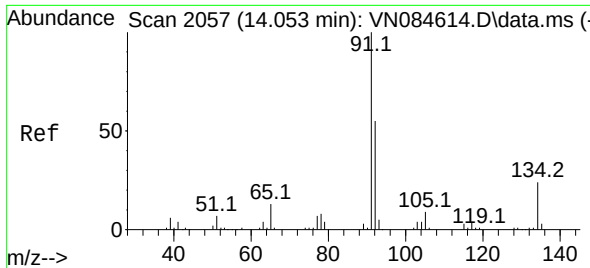


#84
1,4-Dichlorobenzene
Concen: 19.274 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44



Tgt Ion:146 Resp: 69922
Ion Ratio Lower Upper
146 100
111 39.7 20.2 60.5
148 61.8 32.6 98.0





#85
n-Butylbenzene
Concen: 18.939 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

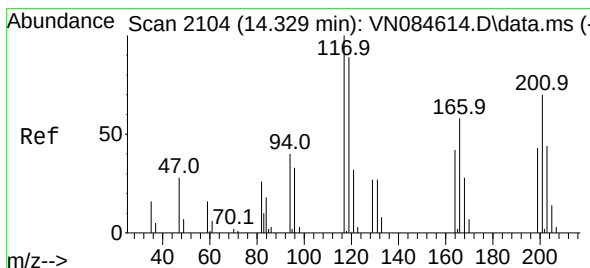
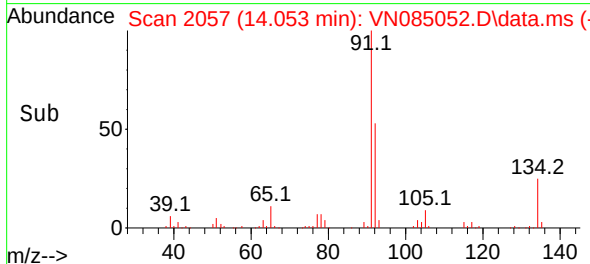
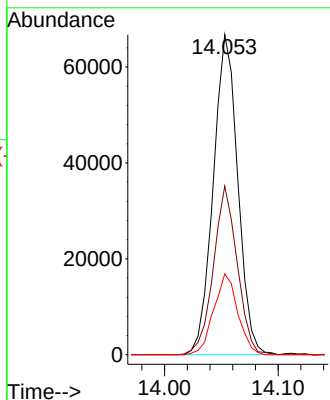
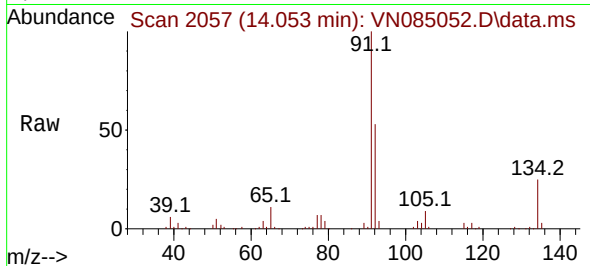
Tgt Ion: 91 Resp: 100159
Ion Ratio Lower Upper
91 100
92 51.1 0.0 106.2
134 24.8 0.0 48.2

Manual Integrations

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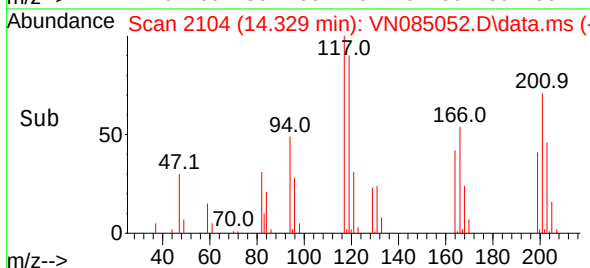
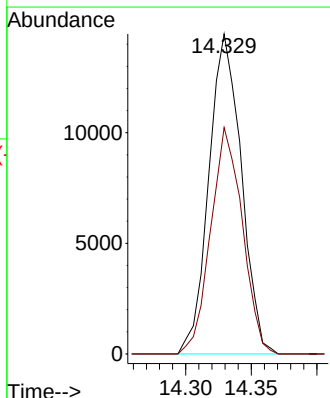
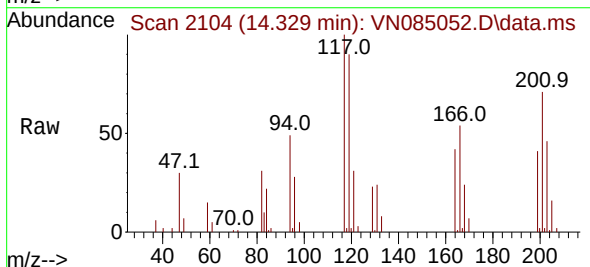
Reviewed By :John Carlone 12/02/2024

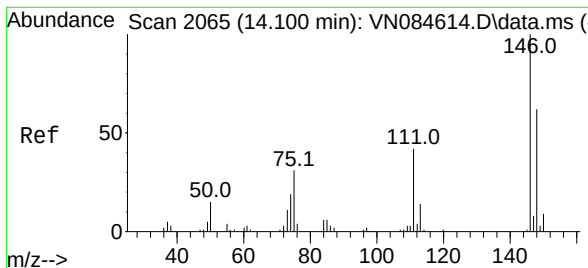
Supervised By :Mahesh Dadoda 12/02/2024



#86
Hexachloroethane
Concen: 19.327 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Tgt Ion:117 Resp: 24888
Ion Ratio Lower Upper
117 100
201 69.0 34.4 103.3





#87

1,2-Dichlorobenzene

Concen: 18.458 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VN085052.D

Acq: 27 Nov 2024 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:146 Resp: 66779

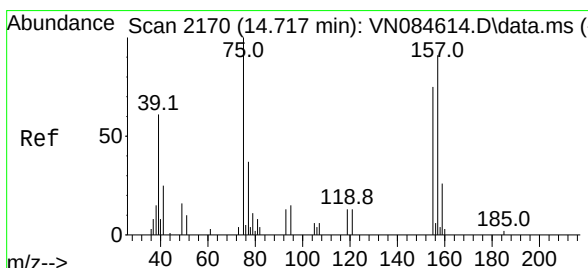
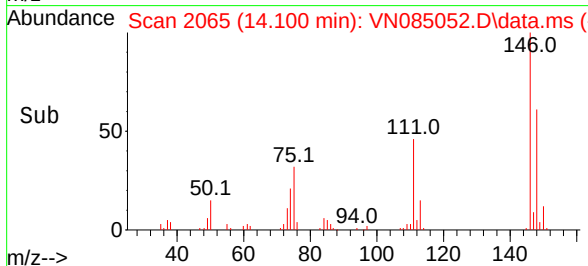
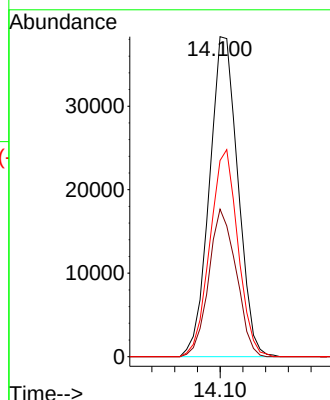
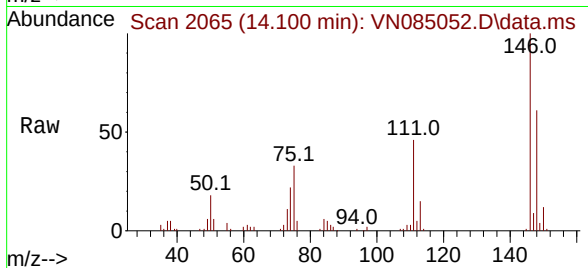
Ion	Ratio	Lower	Upper
146	100		
111	44.3	22.4	67.0
148	63.6	32.6	98.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 16.603 ug/l

RT: 14.718 min Scan# 2170

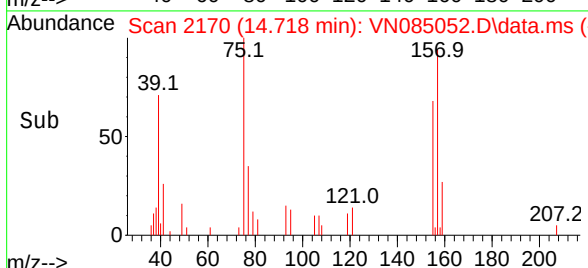
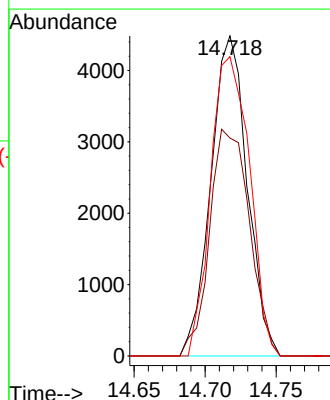
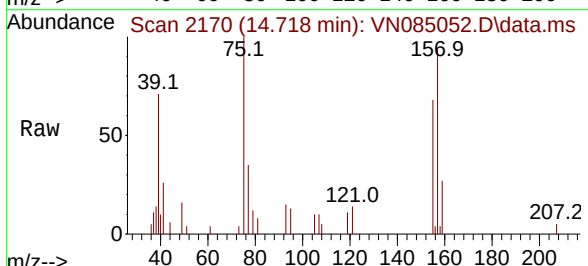
Delta R.T. 0.000 min

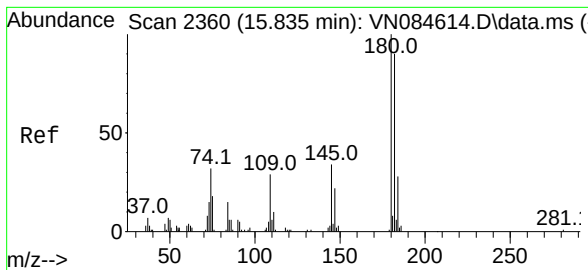
Lab File: VN085052.D

Acq: 27 Nov 2024 11:44

Tgt Ion: 75 Resp: 7992

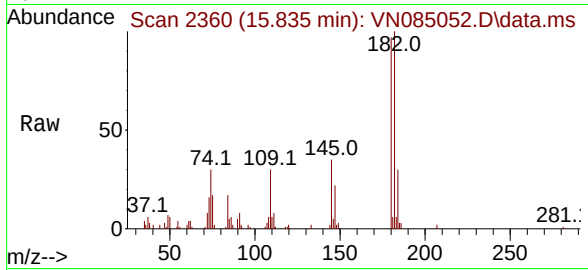
Ion	Ratio	Lower	Upper
75	100		
155	77.4	61.8	92.6
157	99.9	74.7	112.1





#89
1,2,4-Trichlorobenzene
Concen: 19.337 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

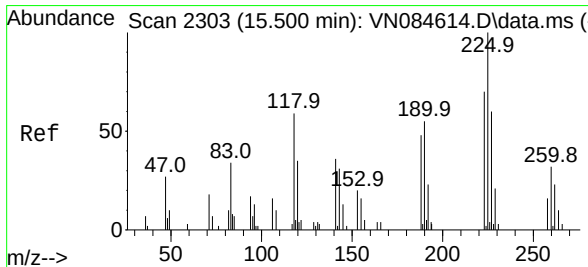
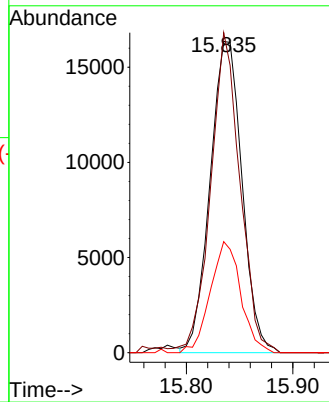
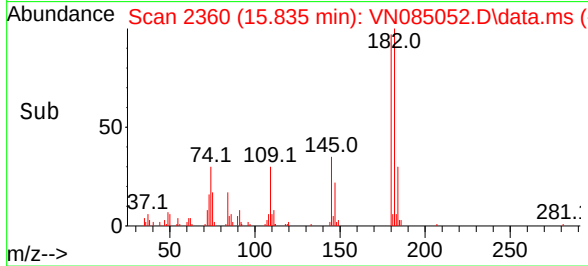
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:180 Resp: 34063
Ion Ratio Lower Upper
180 100
182 94.3 73.0 109.6
145 34.0 26.5 39.7

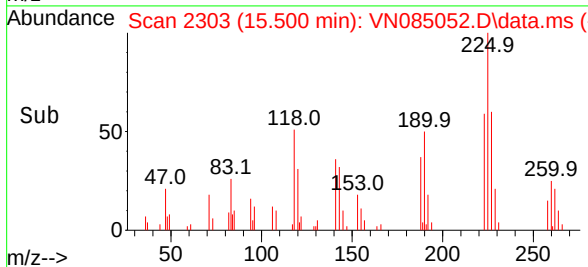
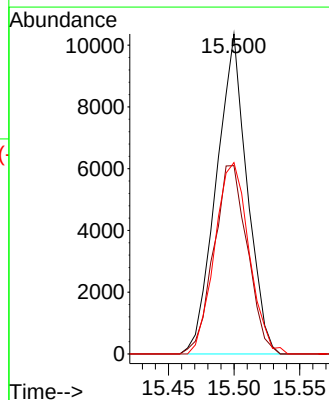
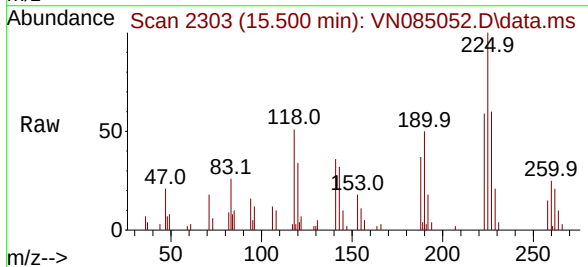
Manual Integrations
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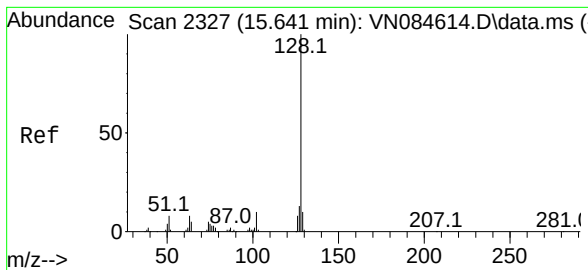
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#90
Hexachlorobutadiene
Concen: 22.008 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

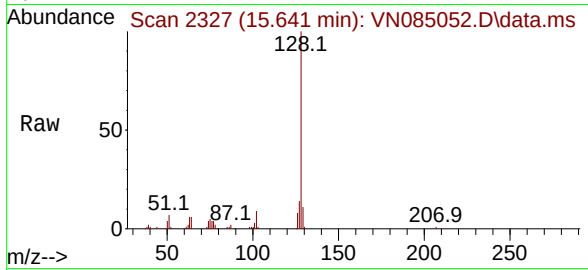
Tgt Ion:225 Resp: 16934
Ion Ratio Lower Upper
225 100
223 64.4 0.0 138.8
227 66.6 0.0 123.2





#91
Naphthalene
Concen: 16.730 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

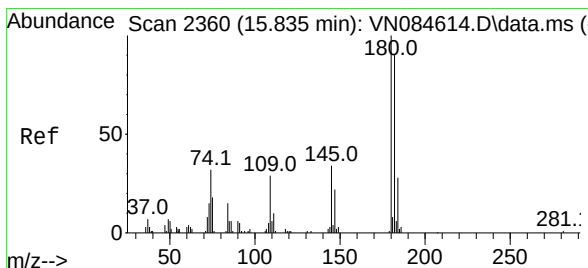
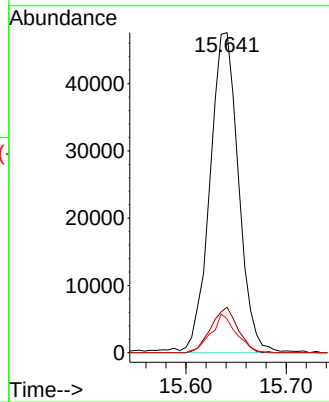
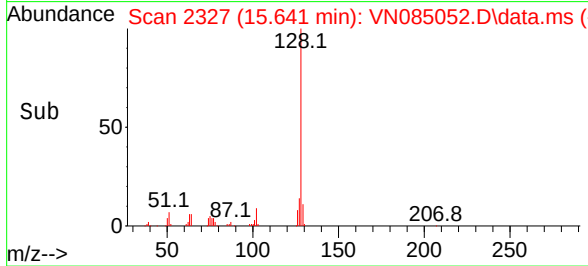
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 94110
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.6 8.6 12.8

Manual Integrations
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Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#92
1,2,3-Trichlorobenzene
Concen: 19.337 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085052.D
Acq: 27 Nov 2024 11:44

Tgt Ion:180 Resp: 34063
Ion Ratio Lower Upper
180 100
182 94.3 0.0 182.6
145 34.0 0.0 66.2

