

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112724\
 Data File : VN085060.D
 Acq On : 27 Nov 2024 16:12
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

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

Quant Time: Nov 28 05:34:39 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	7.806	128	28858	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	147376	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	137837	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	67560	29.120	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.067%		
60) 4-Bromofluorobenzene	12.847	95	70182	29.571	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.567%		
63) Toluene-d8	10.565	98	190870	29.251	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	97.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.118	85	34572	20.598	ug/l	97
3) Chloromethane	2.359	50	37382	18.499	ug/l	98
4) Vinyl Chloride	2.512	62	36082	19.228	ug/l	92
5) Bromomethane	2.901	94	19969	20.966	ug/l	97
6) Chloroethane	3.089	64	25052	20.333	ug/l	95
7) Trichlorofluoromethane	3.477	101	61939	20.325	ug/l	91
8) Diethyl Ether	3.953	74	21829	20.081	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.359	101	36608m	21.256	ug/l	
10) 1,1-Dichloroethene	4.324	96	32995	19.619	ug/l	97
11) Methyl Iodide	4.583	142	47475	20.539	ug/l	91
12) Methyl Acetate	5.018	43	45847	17.489	ug/l	99
13) Acrolein	4.171	56	33740	104.370	ug/l	96
14) Acrylonitrile	5.712	53	85571	99.780	ug/l	98
15) Acetone	4.424	58	24007	108.947	ug/l	87
16) Carbon Disulfide	4.695	76	87550	17.692	ug/l	99
17) Allyl chloride	5.018	41	49442	17.253	ug/l	97
18) Methylene Chloride	5.265	84	37151	18.851	ug/l	98
19) trans-1,2-Dichloroethene	5.783	96	32788	18.600	ug/l	96
20) Diisopropyl ether	6.665	45	112958	19.690	ug/l	98
21) 1,1-Dichloroethane	6.559	63	66617	19.309	ug/l	98
22) cis-1,2-Dichloroethene	7.483	96	39602	18.817	ug/l	97
23) tert-Butyl Alcohol	5.524	59	27988	93.481	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	106744	19.627	ug/l	100
25) Chloroform	7.959	83	70692	20.000	ug/l	95
26) Cyclohexane	8.247	56	50262	19.073	ug/l #	98
29) 1,1-Dichloropropene	8.365	75	44842	20.201	ug/l	99
30) 2-Butanone	7.483	43	112063	109.442	ug/l	99
31) 2,2-Dichloropropane	7.489	77	61781	22.800	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	63915	21.194	ug/l	100
33) Carbon Tetrachloride	8.359	117	55327	21.500	ug/l	97
34) Benzene	8.600	78	150173	20.467	ug/l	98
35) Methacrylonitrile	7.771	41	24160	19.908	ug/l	95
36) 1,2-Dichloroethane	8.665	62	51215	20.990	ug/l	98
37) Trichloroethene	9.347	130	34060	20.577	ug/l	96
38) Methylcyclohexane	9.600	83	46823	19.594	ug/l	98
39) 1,2-Dichloropropane	9.618	63	36712	20.786	ug/l	97
40) Dibromomethane	9.700	93	26018	21.057	ug/l	96
41) Bromodichloromethane	9.882	83	54810	20.692	ug/l	95
42) Vinyl Acetate	6.594	43	387362	101.208	ug/l	99

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 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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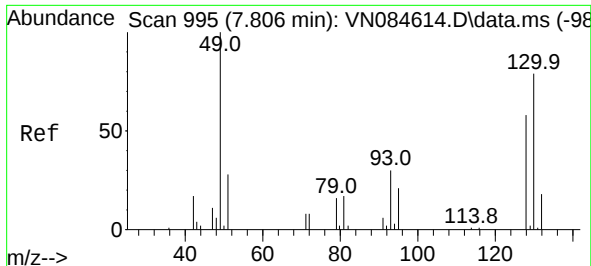
Manual Integrations
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 Supervised By : Mahesh Dadoda 12/02/2024

Quant Time: Nov 28 05:34:39 2024
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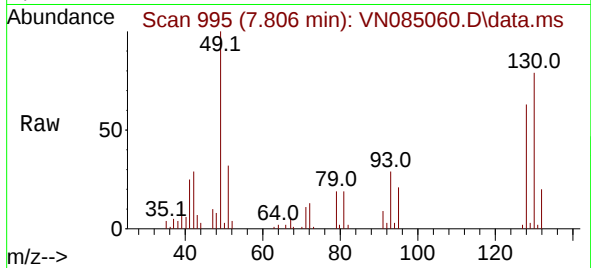
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	42895	19.937	ug/l	96
44) Isopropyl Acetate	8.683	43	77943	17.890	ug/l	96
45) 1,4-Dioxane	9.694	88	11250	386.779	ug/l	87
46) Methyl methacrylate	9.677	41	34291	19.586	ug/l	95
47) n-amyl Acetate	12.494	43	62985	19.357	ug/l	99
48) t-1,3-Dichloropropene	10.835	75	52138	19.934	ug/l	96
49) cis-1,3-Dichloropropene	10.306	75	57738	20.597	ug/l	98
50) 1,1,2-Trichloroethane	11.012	97	36564	22.062	ug/l	95
51) Ethyl methacrylate	10.871	69	50362	19.713	ug/l	97
52) 1,3-Dichloropropane	11.159	76	58747	20.421	ug/l	99
53) Dibromochloromethane	11.353	129	41216	21.251	ug/l	96
54) 1,2-Dibromoethane	11.465	107	34597	20.639	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	107307	85.674	ug/l	99
56) Bromoform	12.576	173	27787	21.374	ug/l	96
58) 4-Methyl-2-Pentanone	10.441	43	225223	103.573	ug/l	98
59) 2-Hexanone	11.194	43	166468	104.543	ug/l	98
61) Tetrachloroethene	11.100	164	29611	20.527	ug/l	97
62) Toluene	10.629	91	156904	19.986	ug/l	96
64) Chlorobenzene	11.888	112	94534	19.947	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.959	131	36449	20.926	ug/l	99
66) Ethyl Benzene	11.959	91	159949	19.387	ug/l	97
67) m/p-Xylenes	12.071	106	125488	39.727	ug/l	99
68) o-Xylene	12.394	106	61274	20.110	ug/l	98
69) Styrene	12.406	104	103069	20.174	ug/l	99
70) Isopropylbenzene	12.694	105	151716	20.043	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	51683	21.066	ug/l	96
72) 1,2,3-Trichloropropane	12.994	75	45844m	21.883	ug/l	
73) Bromobenzene	12.976	156	38793	19.871	ug/l	92
74) n-propylbenzene	13.035	91	178914	20.214	ug/l	100
75) 2-Chlorotoluene	13.123	91	116370	20.189	ug/l	98
76) 1,3,5-Trimethylbenzene	13.170	105	132713	20.521	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	18016	20.968	ug/l	88
78) 4-Chlorotoluene	13.218	91	116306	19.971	ug/l	97
79) tert-butylbenzene	13.435	119	107907	20.176	ug/l	100
80) 1,2,4-Trimethylbenzene	13.482	105	135150	20.714	ug/l	97
81) sec-Butylbenzene	13.612	105	151702	20.585	ug/l	99
82) p-Isopropyltoluene	13.729	119	124888	20.168	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	72070	19.961	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	69620	19.514	ug/l	99
85) n-Butylbenzene	14.053	91	102007	19.614	ug/l	98
86) Hexachloroethane	14.329	117	26015	20.542	ug/l	99
87) 1,2-Dichlorobenzene	14.100	146	71001	19.956	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.717	75	9874	20.858	ug/l	94
89) 1,2,4-Trichlorobenzene	15.835	180	32898	18.991	ug/l	96
90) Hexachlorobutadiene	15.500	225	16898	22.331	ug/l	94
91) Naphthalene	15.641	128	94140	17.016	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	32898	18.991	ug/l	96

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 995
Delta R.T. 0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

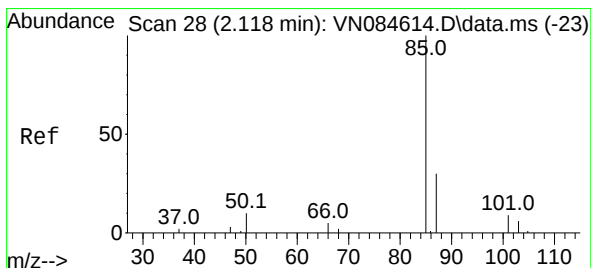
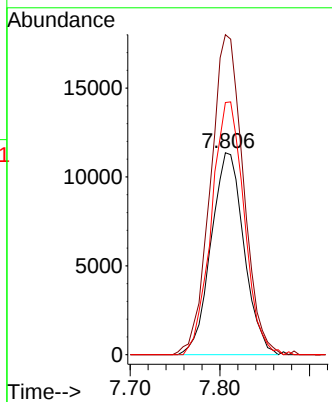
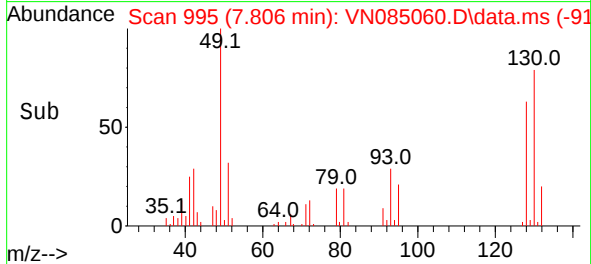
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 2885
Ion Ratio Lower Upper
128 100
49 158.5 0.0 427.0
130 124.4 0.0 322.2

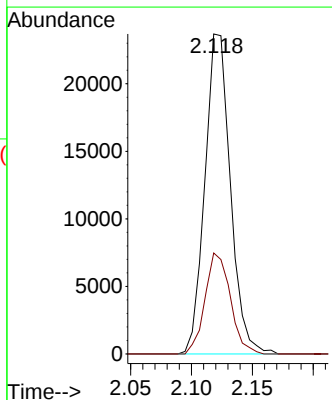
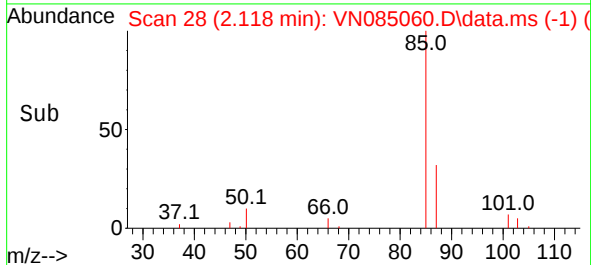
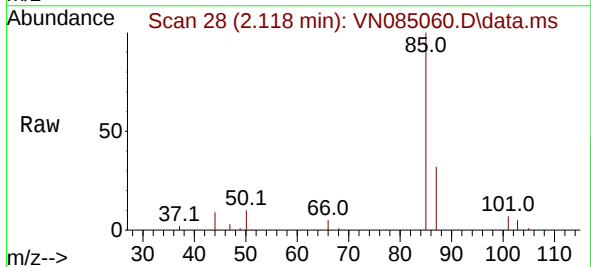
Manual Integrations
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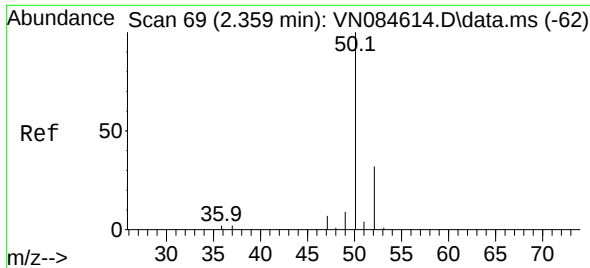
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#2
Dichlorodifluoromethane
Concen: 20.598 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

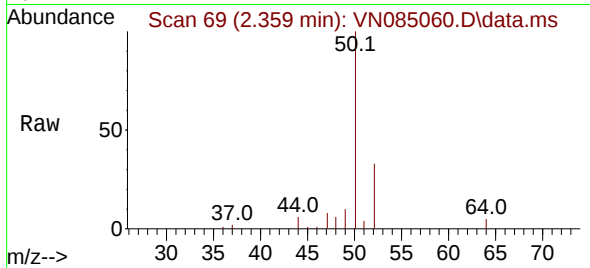
Tgt Ion: 85 Resp: 34572
Ion Ratio Lower Upper
85 100
87 31.5 14.9 44.9





#3
Chloromethane
Concen: 18.499 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

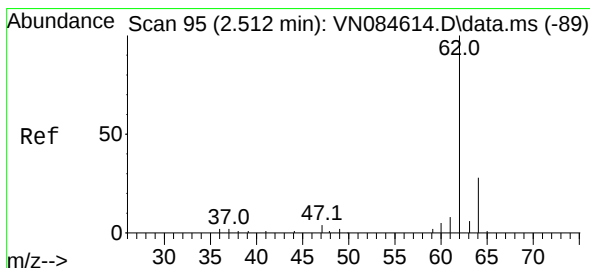
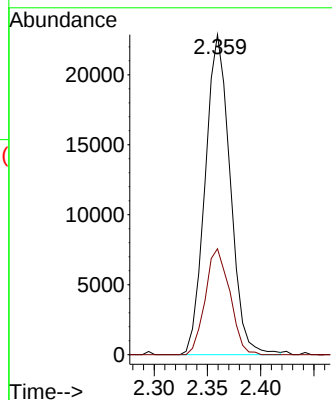
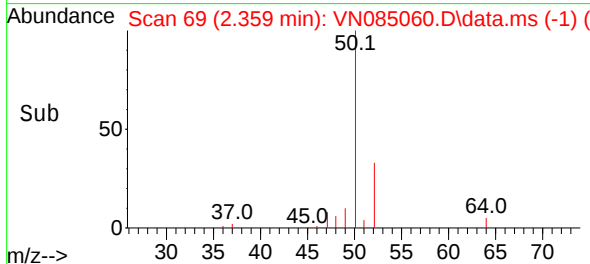
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ClientSampleId :
VSTDCCC020EC



Tgt Ion: 50 Resp: 37382
Ion Ratio Lower Upper
50 100
52 33.1 25.5 38.3

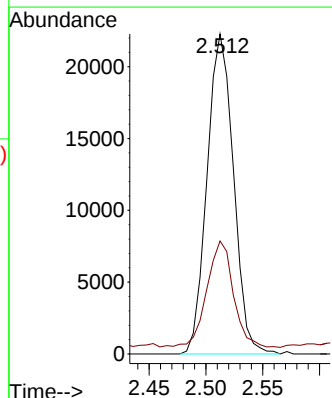
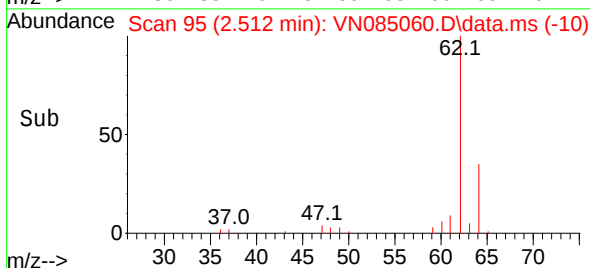
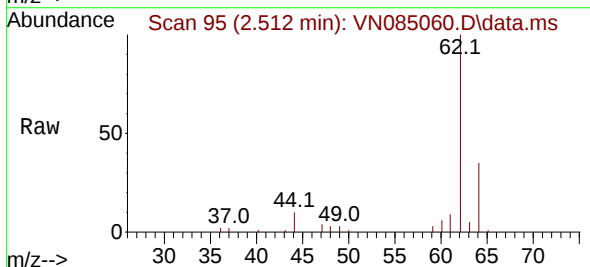
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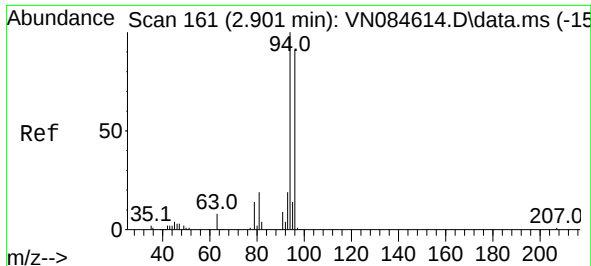
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#4
Vinyl Chloride
Concen: 19.228 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

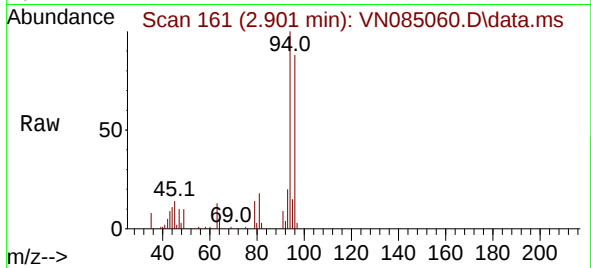
Tgt Ion: 62 Resp: 36082
Ion Ratio Lower Upper
62 100
64 33.2 23.1 34.7





#5
Bromomethane
Concen: 20.966 ug/l
RT: 2.901 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

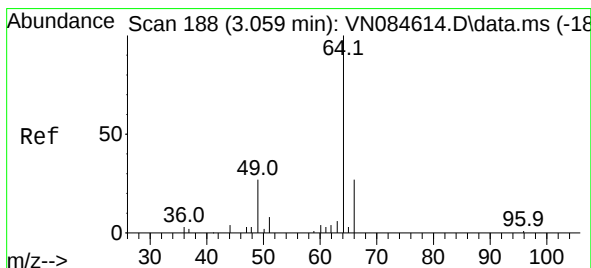
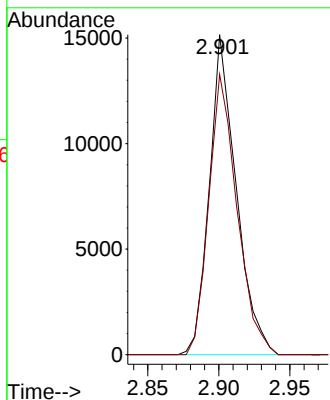
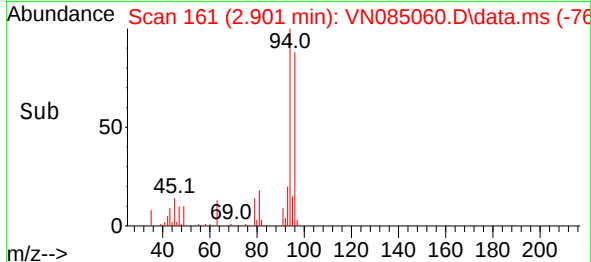
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



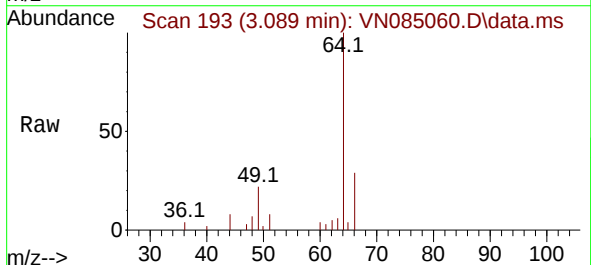
Tgt Ion: 94 Resp: 1996
Ion Ratio Lower Upper
94 100
96 87.6 72.7 109.1

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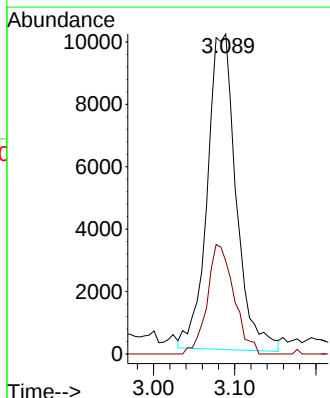
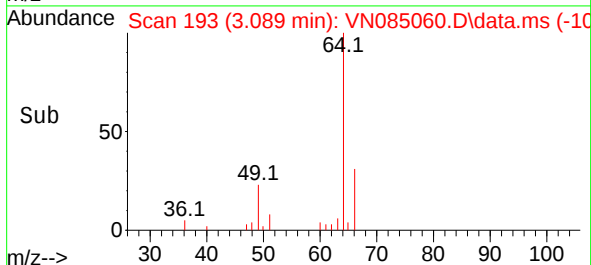
Reviewed By :John Carlone 12/02/2024
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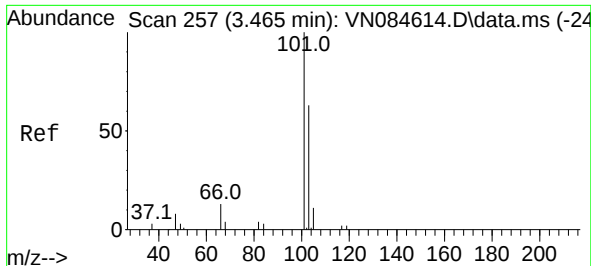


#6
Chloroethane
Concen: 20.333 ug/l
RT: 3.089 min Scan# 193
Delta R.T. 0.029 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12



Tgt Ion: 64 Resp: 25052
Ion Ratio Lower Upper
64 100
66 30.3 22.1 33.1





#7
Trichlorofluoromethane
Concen: 20.325 ug/l
RT: 3.477 min Scan# 257
Delta R.T. 0.012 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

Instrument :

MSVOA_N

ClientSampleId :

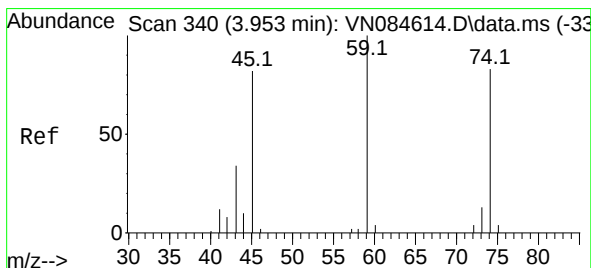
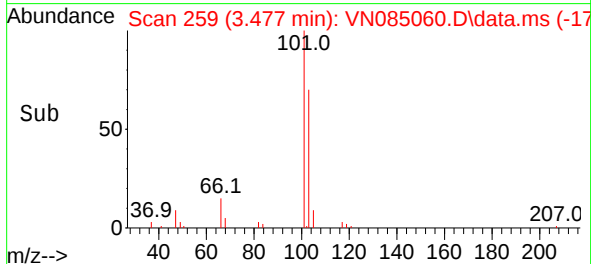
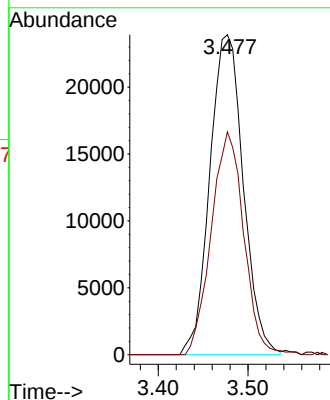
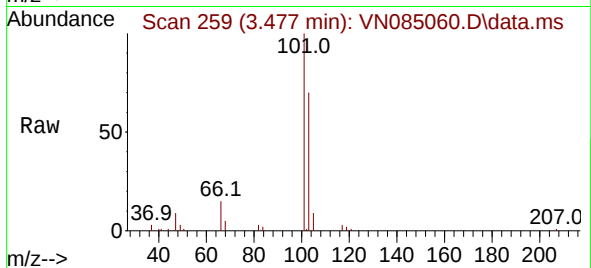
VSTDCCC020EC

Tgt Ion:101 Resp: 61939
Ion Ratio Lower Upper
101 100
103 69.7 50.1 75.1

Manual Integrations

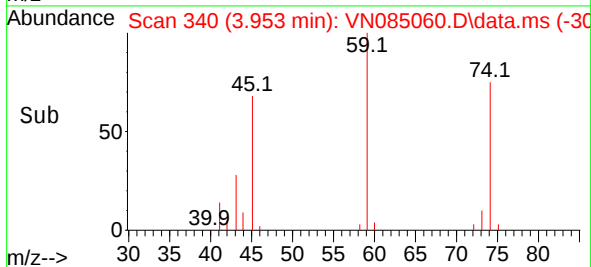
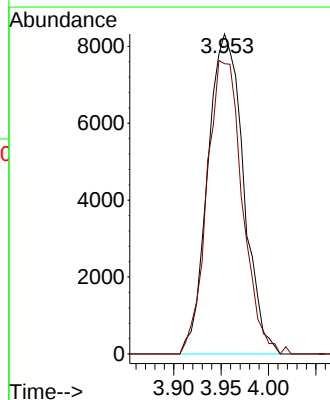
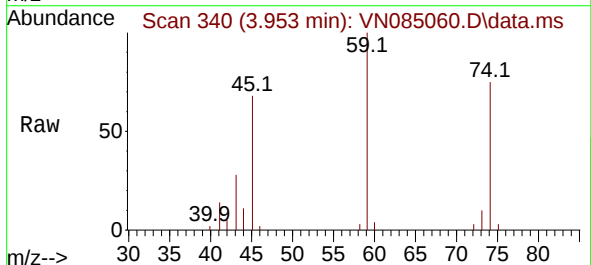
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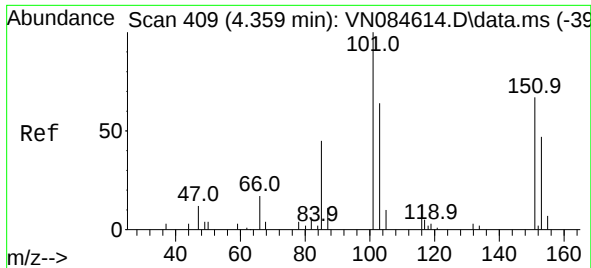
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#8
Diethyl Ether
Concen: 20.081 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

Tgt Ion: 74 Resp: 21829
Ion Ratio Lower Upper
74 100
45 90.4 19.8 178.4





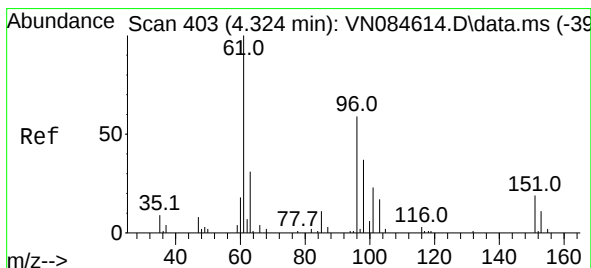
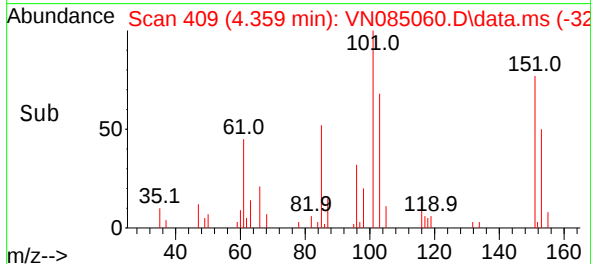
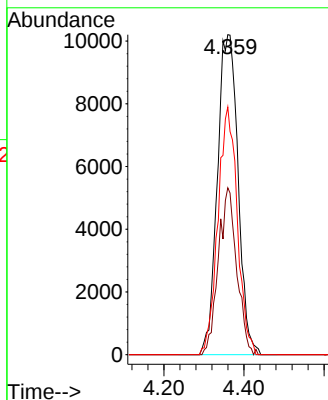
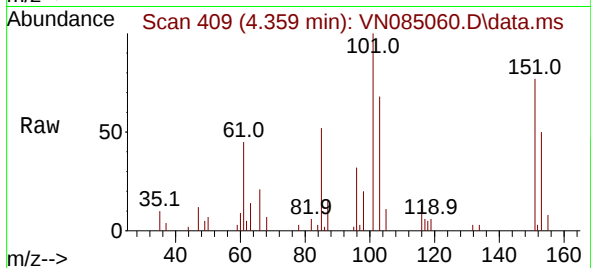
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.256 ug/l m
RT: 4.359 min Scan# 409
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 36608
Ion Ratio Lower Upper
101 100
85 46.3 0.0 89.6
151 72.6 0.0 149.4

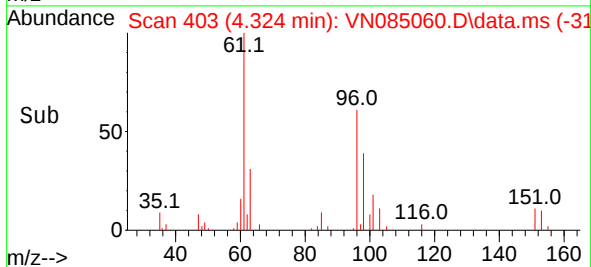
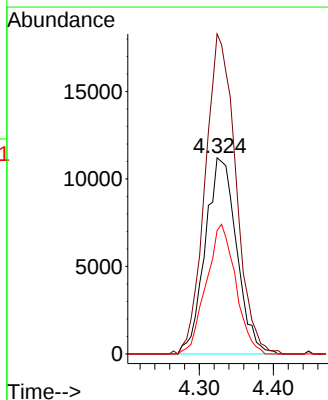
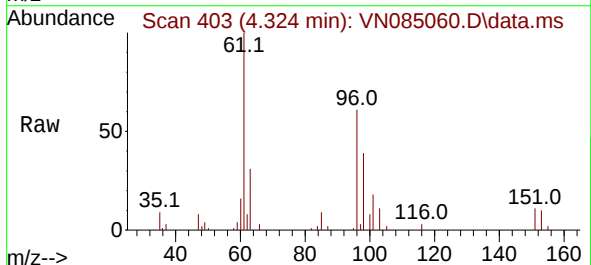
Manual Integrations
APPROVED

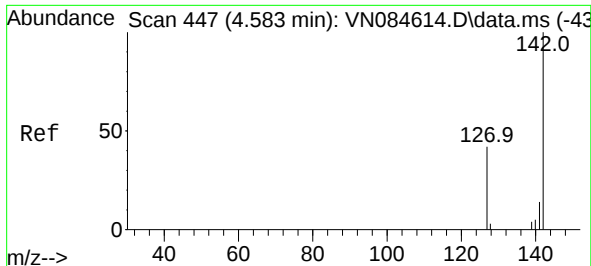
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#10
1,1-Dichloroethene
Concen: 19.619 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

Tgt Ion: 96 Resp: 32995
Ion Ratio Lower Upper
96 100
61 163.1 135.1 202.7
98 63.0 50.4 75.6





#11

Methyl Iodide

Concen: 20.539 ug/l

RT: 4.583 min Scan# 447

Delta R.T. -0.000 min

Lab File: VN085060.D

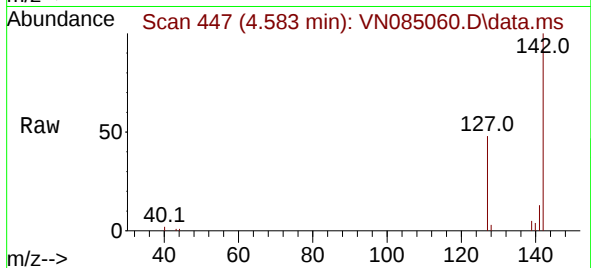
Acq: 27 Nov 2024 16:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion:142 Resp: 47479

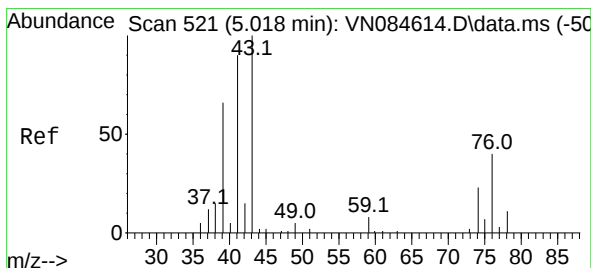
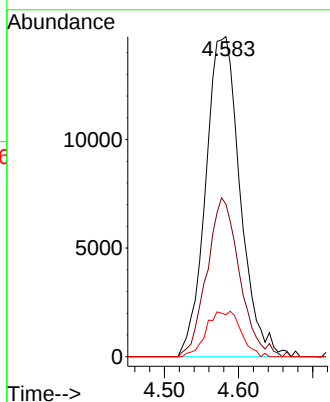
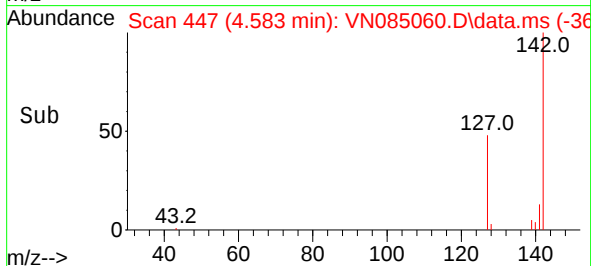
Ion	Ratio	Lower	Upper
142	100		
127	47.5	20.3	60.9
141	13.2	6.9	20.7

Manual Integrations

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Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#12

Methyl Acetate

Concen: 17.489 ug/l

RT: 5.018 min Scan# 521

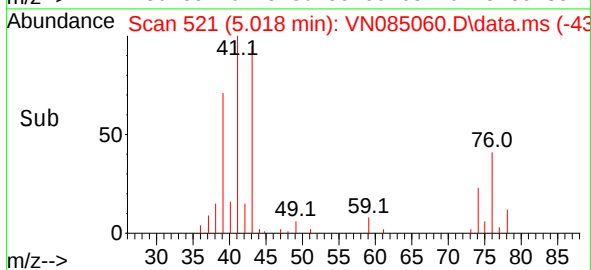
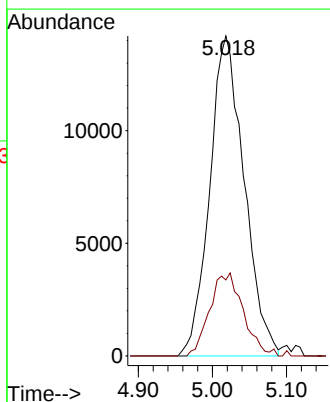
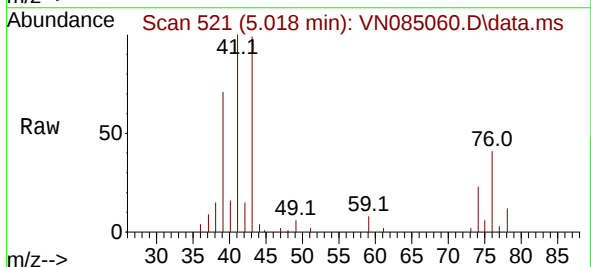
Delta R.T. -0.000 min

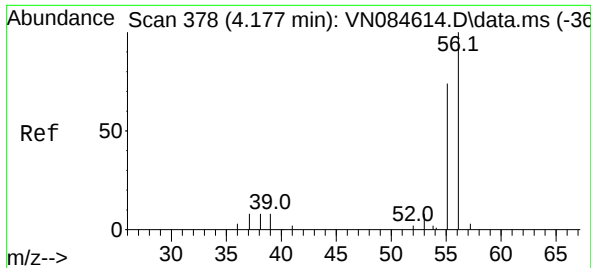
Lab File: VN085060.D

Acq: 27 Nov 2024 16:12

Tgt Ion: 43 Resp: 45847

Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.0	28.4





#13

Acrolein

Concen: 104.370 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN085060.D

Acq: 27 Nov 2024 16:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 56 Resp: 33740

Ion Ratio Lower Upper

56 100

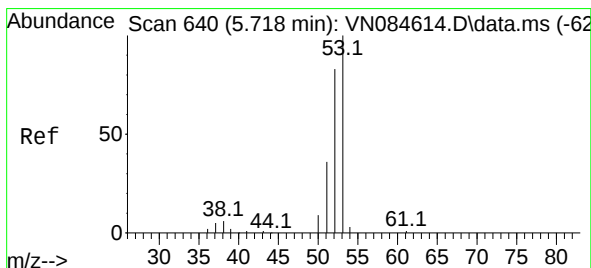
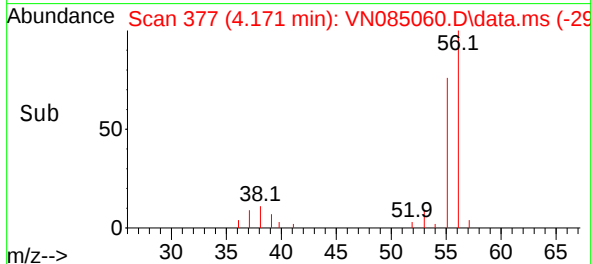
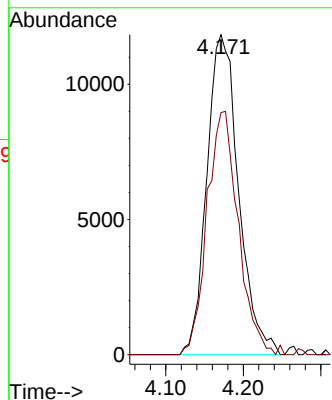
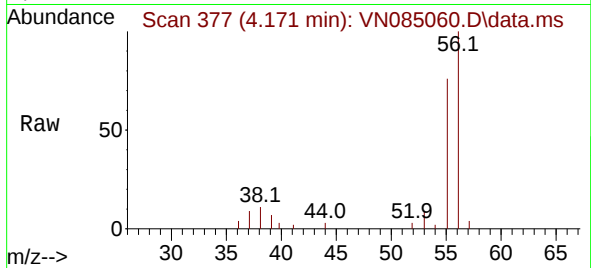
55 74.6 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#14

Acrylonitrile

Concen: 99.780 ug/l

RT: 5.712 min Scan# 639

Delta R.T. -0.006 min

Lab File: VN085060.D

Acq: 27 Nov 2024 16:12

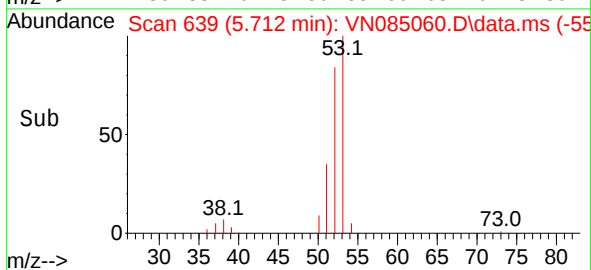
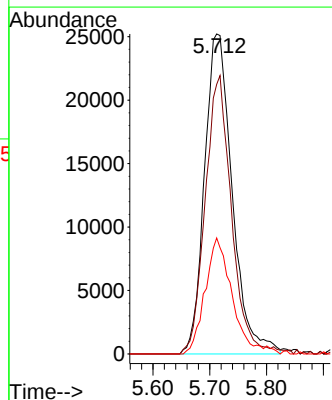
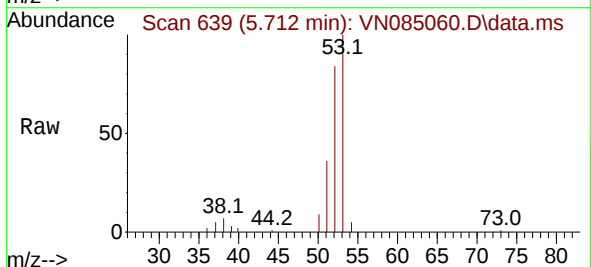
Tgt Ion: 53 Resp: 85571

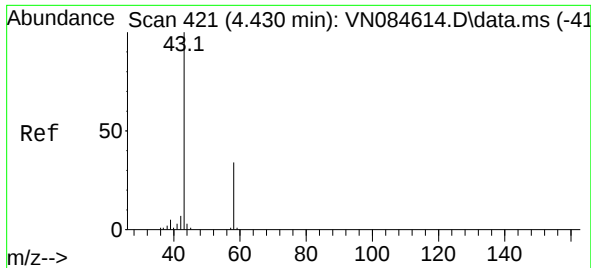
Ion Ratio Lower Upper

53 100

52 81.7 41.6 124.9

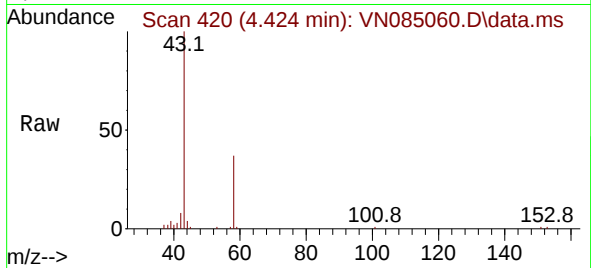
51 34.0 18.2 54.6





#15
Acetone
Concen: 108.947 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

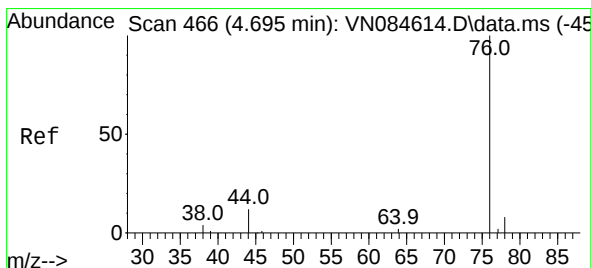
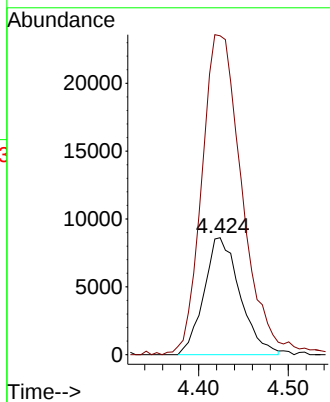
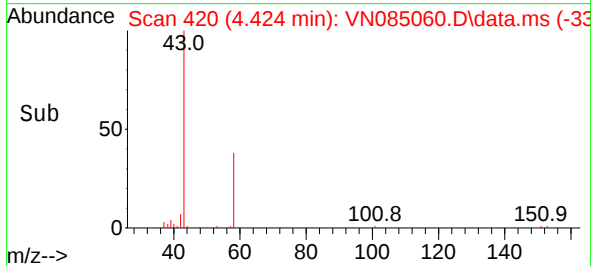
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 58 Resp: 2400
Ion Ratio Lower Upper
58 100
43 265.8 233.0 349.6

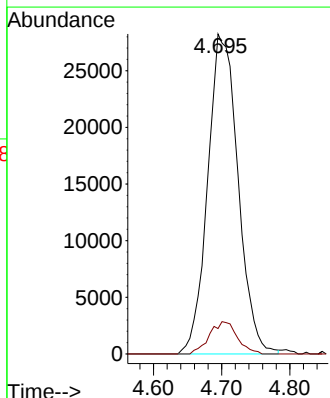
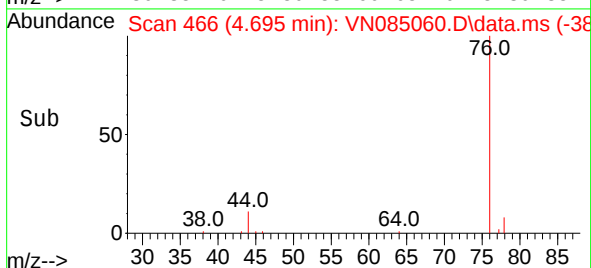
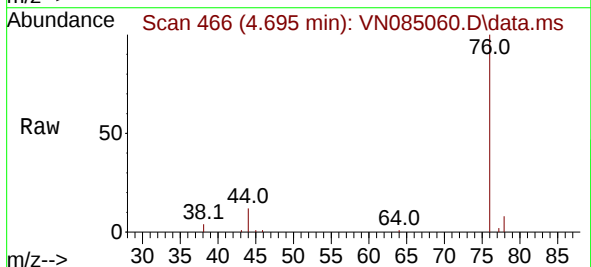
Manual Integrations
APPROVED

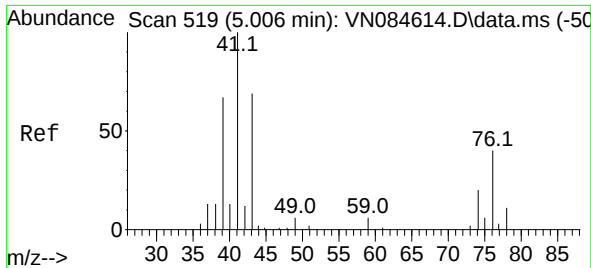
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#16
Carbon Disulfide
Concen: 17.692 ug/l
RT: 4.695 min Scan# 466
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

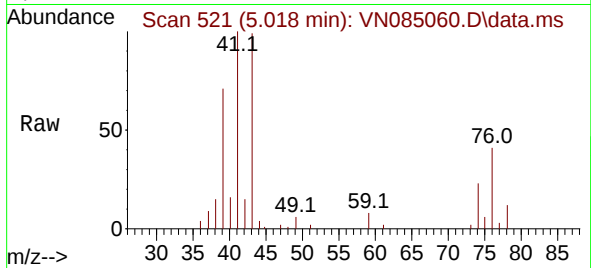
Tgt Ion: 76 Resp: 87550
Ion Ratio Lower Upper
76 100
78 7.9 6.6 9.8





#17
Allyl chloride
Concen: 17.253 ug/l
RT: 5.018 min Scan# 519
Delta R.T. 0.012 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

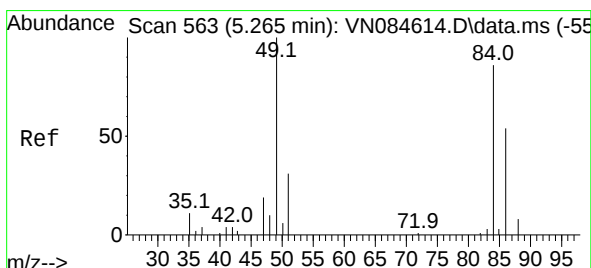
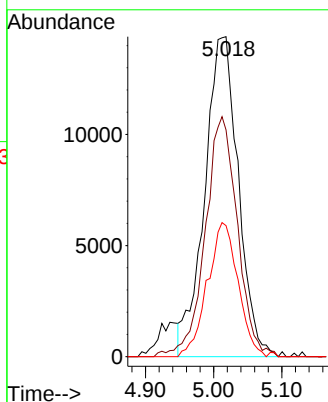
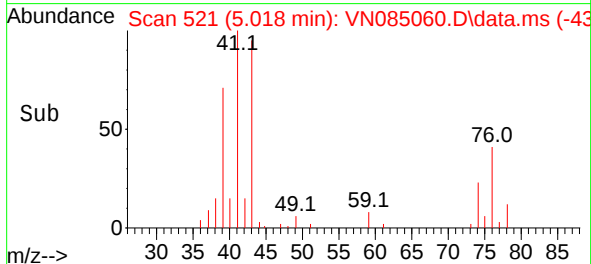
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 41 Resp: 4944
Ion Ratio Lower Upper
41 100
39 70.8 33.4 100.2
76 41.0 20.2 60.6

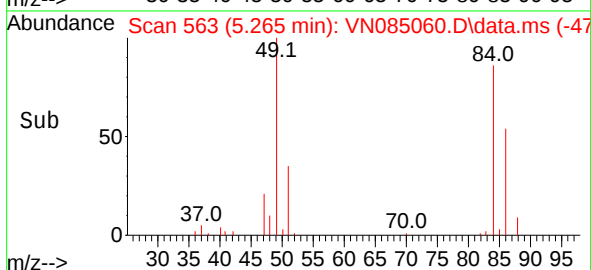
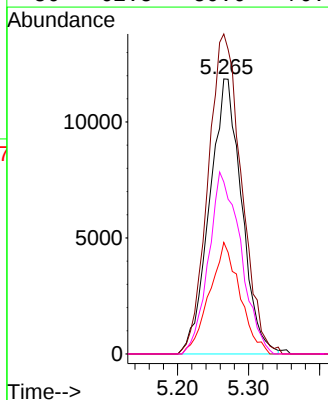
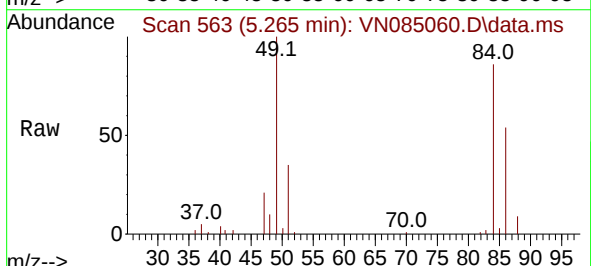
Manual Integrations
APPROVED

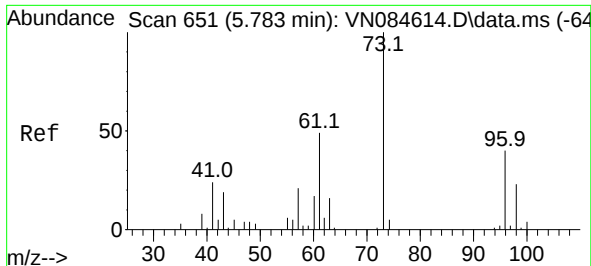
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#18
Methylene Chloride
Concen: 18.851 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

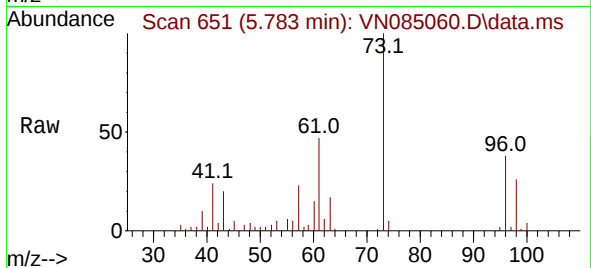
Tgt Ion: 84 Resp: 37151
Ion Ratio Lower Upper
84 100
49 116.3 93.0 139.6
51 40.6 28.9 43.3
86 62.5 50.6 76.0





#19
trans-1,2-Dichloroethene
Concen: 18.600 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

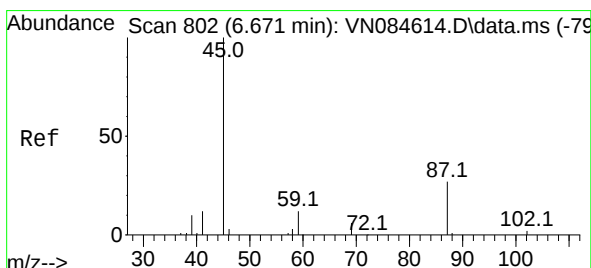
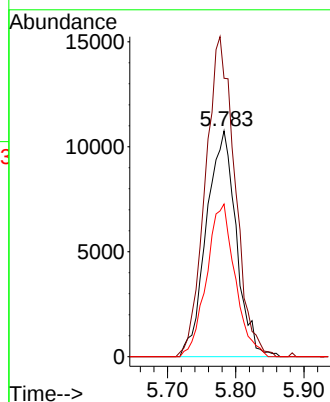
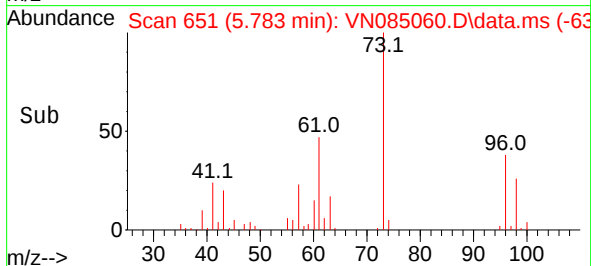
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



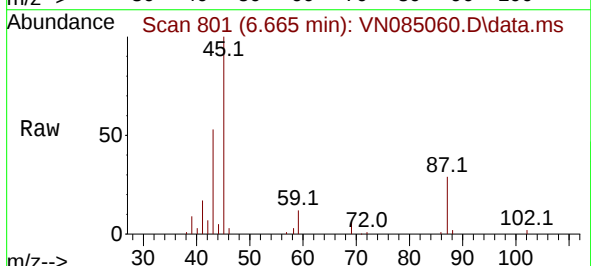
Tgt Ion: 96 Resp: 3278
Ion Ratio Lower Upper
96 100
61 123.3 98.1 147.1
98 67.6 46.6 69.8

Manual Integrations
APPROVED

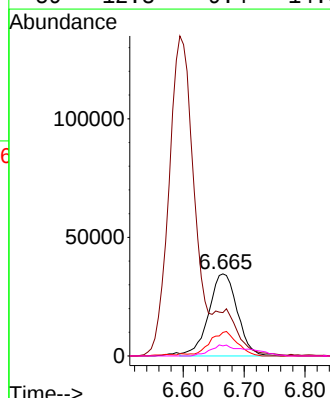
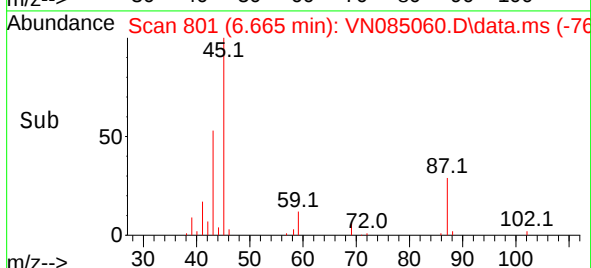
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024

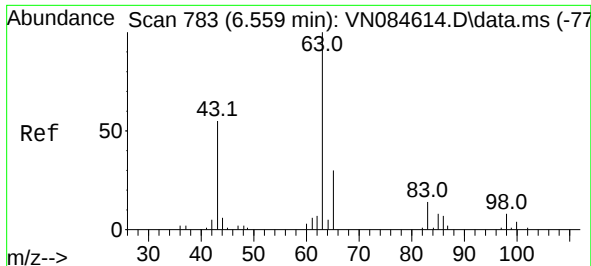


#20
Diisopropyl ether
Concen: 19.690 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12



Tgt Ion: 45 Resp: 112958
Ion Ratio Lower Upper
45 100
43 51.2 42.6 64.0
87 28.7 23.0 34.4
59 12.3 9.4 14.0





#21

1,1-Dichloroethane

Concen: 19.309 ug/l

RT: 6.559 min Scan# 783

Delta R.T. -0.000 min

Lab File: VN085060.D

Acq: 27 Nov 2024 16:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

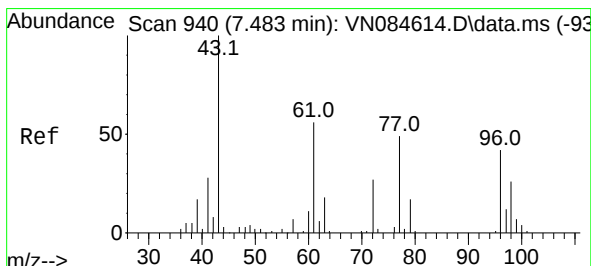
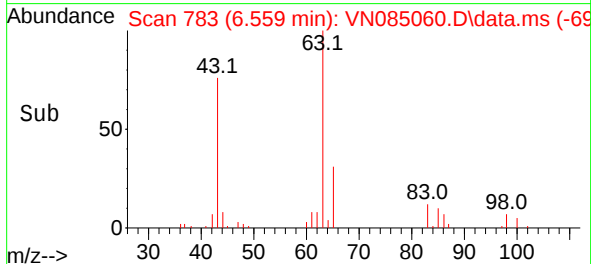
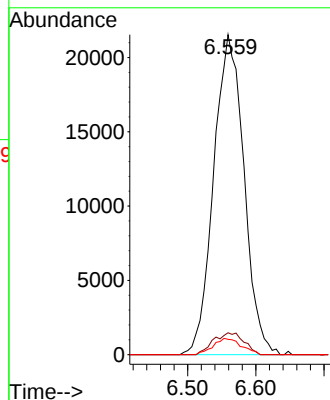
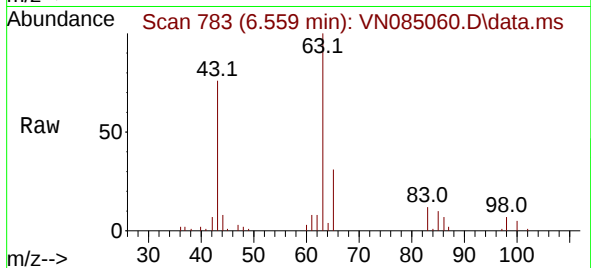
Tgt Ion:	63	Resp:	6661
Ion Ratio	Lower	Upper	
63	100		
98	6.9	3.8	11.4
100	4.8	1.9	5.7

Manual Integrations

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Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#22

cis-1,2-Dichloroethene

Concen: 18.817 ug/l

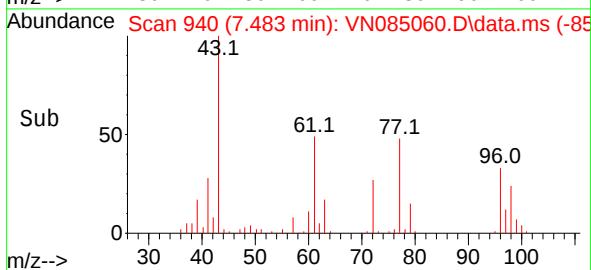
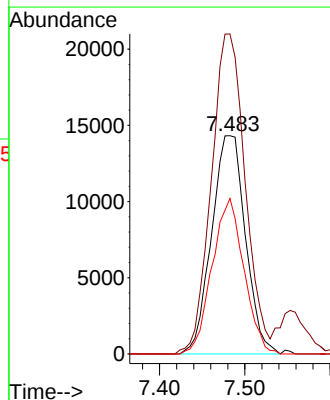
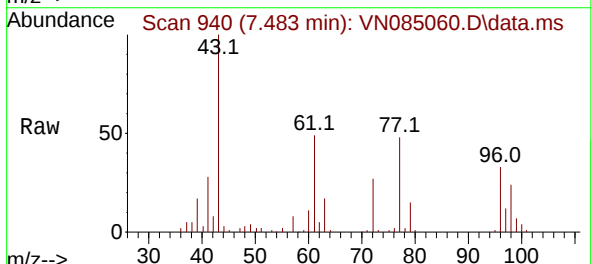
RT: 7.483 min Scan# 940

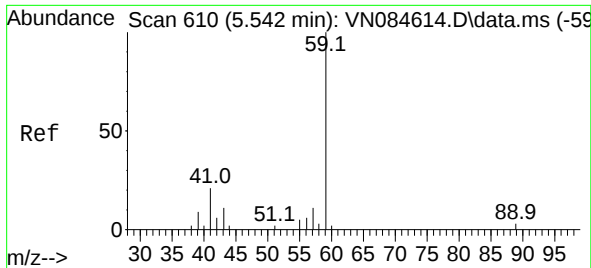
Delta R.T. -0.000 min

Lab File: VN085060.D

Acq: 27 Nov 2024 16:12

Tgt Ion:	96	Resp:	39602
Ion Ratio	Lower	Upper	
96	100		
61	146.5	121.8	182.8
98	67.0	53.2	79.8





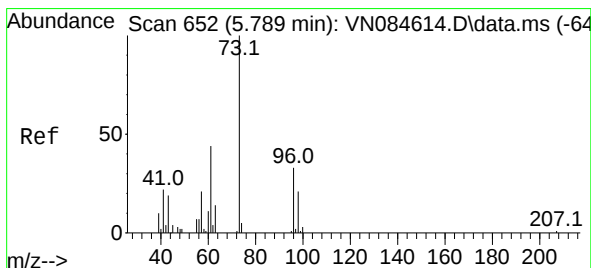
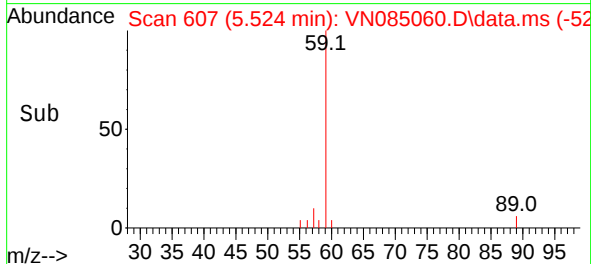
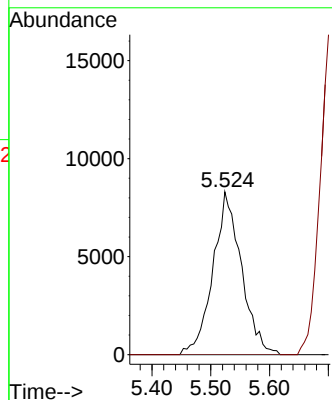
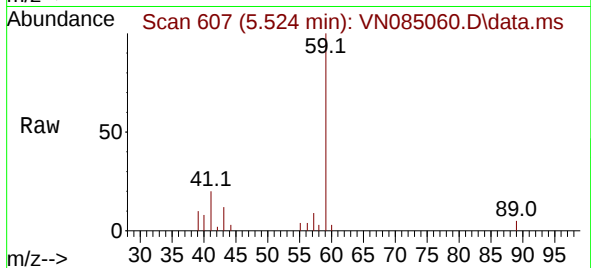
#23
tert-Butyl Alcohol
Concen: 93.481 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.018 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 2798
Ion Ratio Lower Upper
59 100
52 249.9 0.0 0.0

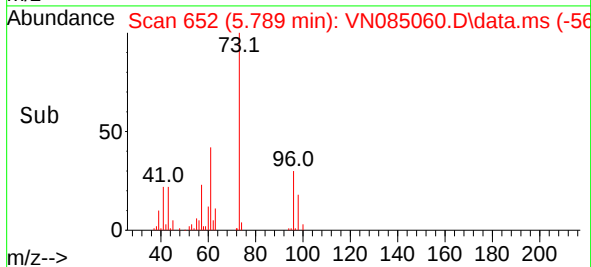
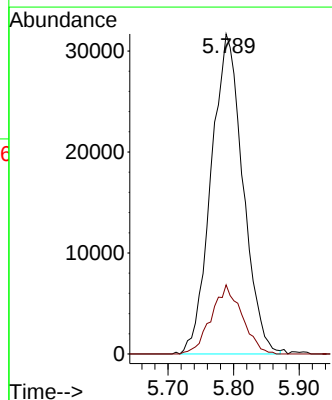
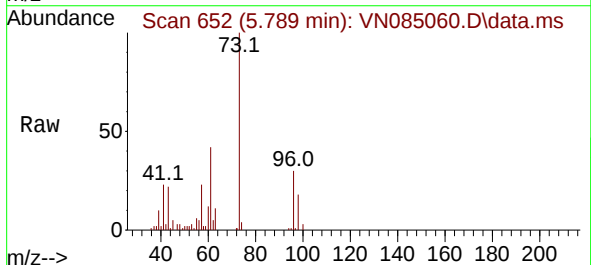
Manual Integrations
APPROVED

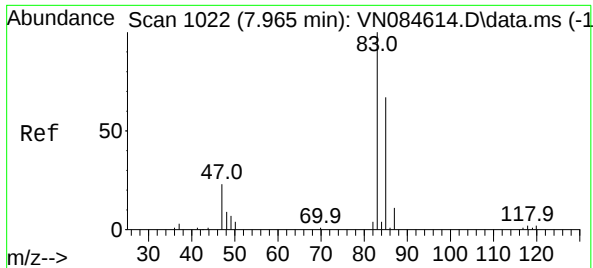
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#24
Methyl tert-Butyl Ether
Concen: 19.627 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

Tgt Ion: 73 Resp: 106744
Ion Ratio Lower Upper
73 100
43 20.8 16.5 24.7





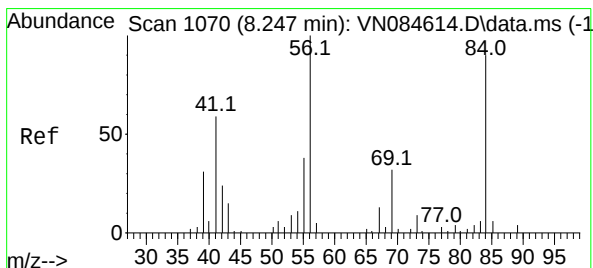
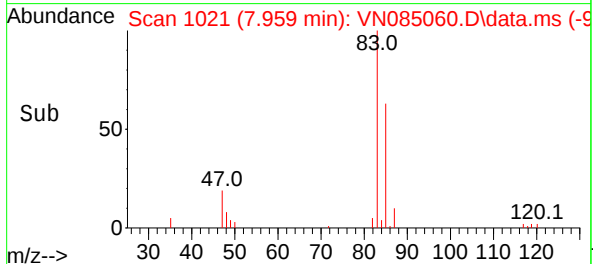
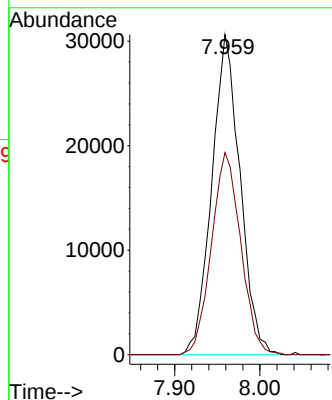
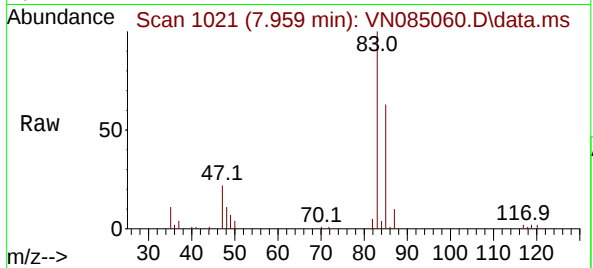
#25
Chloroform
Concen: 20.000 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 70692
Ion Ratio Lower Upper
83 100
85 63.1 53.4 80.2

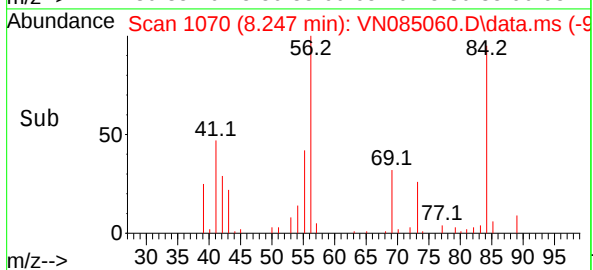
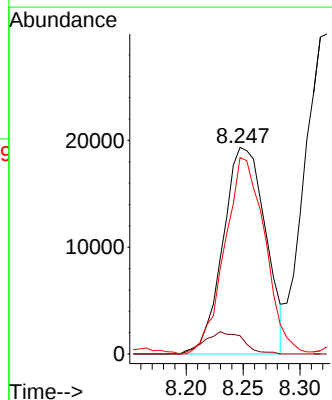
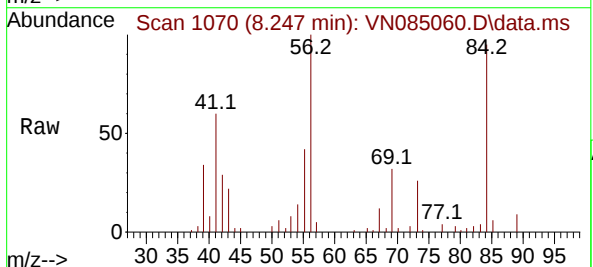
Manual Integrations
APPROVED

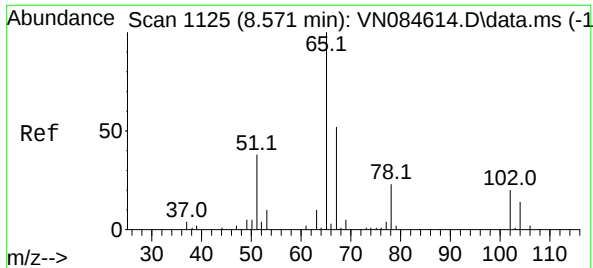
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#26
Cyclohexane
Concen: 19.073 ug/l
RT: 8.247 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

Tgt Ion: 56 Resp: 50262
Ion Ratio Lower Upper
56 100
89 7.4 3.0 4.4#
84 90.2 70.6 106.0





#27
1,2-Dichloroethane-d4
Concen: 29.120 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDC020EC

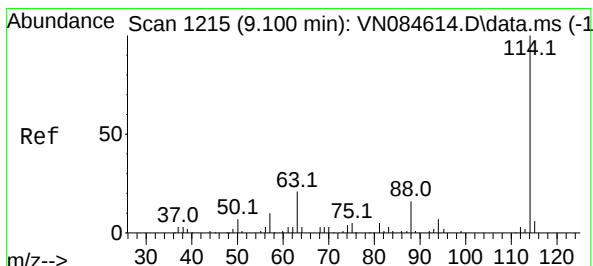
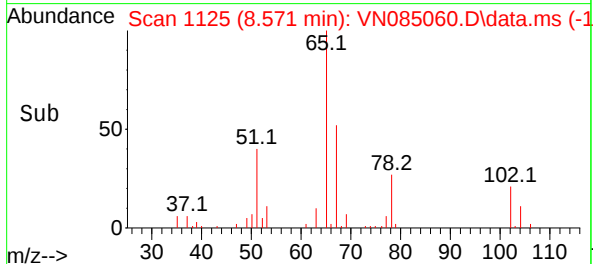
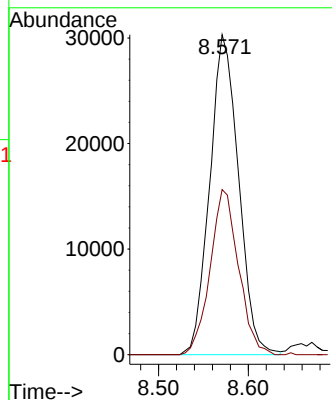
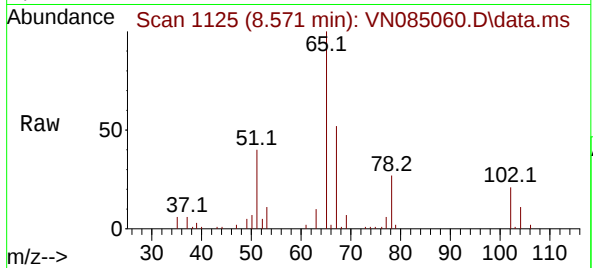
Tgt Ion: 65 Resp: 67560
Ion Ratio Lower Upper
65 100
67 50.8 40.7 61.1

Manual Integrations

APPROVED

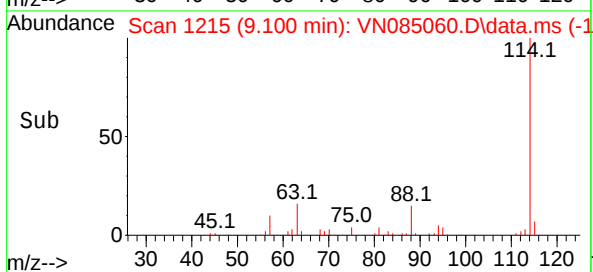
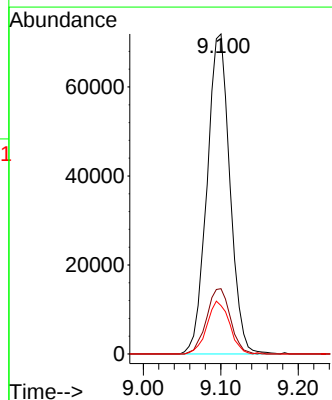
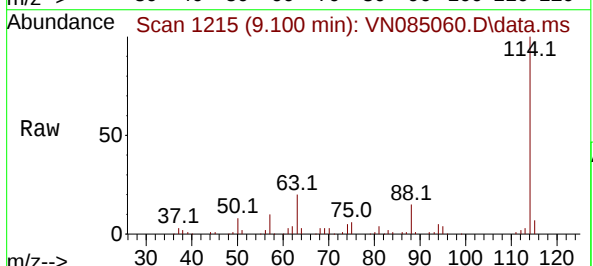
Reviewed By :John Carlone 12/02/2024

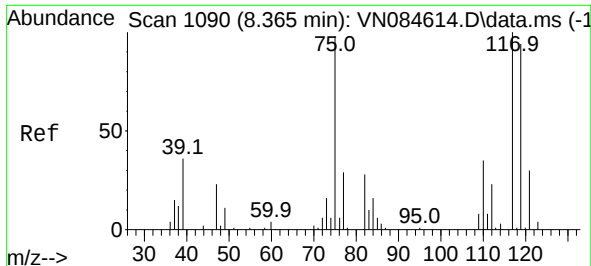
Supervised By :Mahesh Dadoda 12/02/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

Tgt Ion:114 Resp: 147376
Ion Ratio Lower Upper
114 100
63 21.2 16.8 25.2
88 16.2 12.9 19.3





#29
1,1-Dichloropropene
Concen: 20.201 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

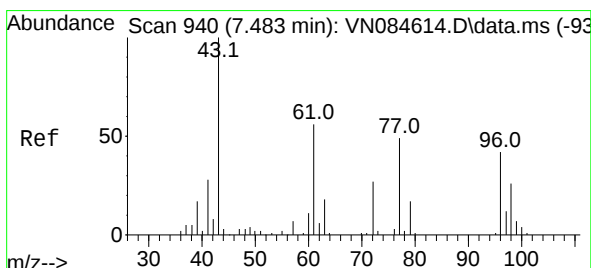
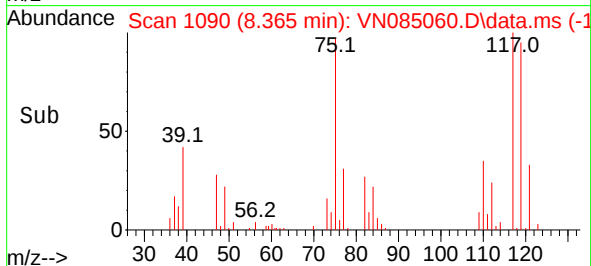
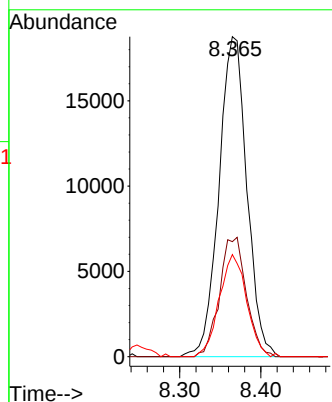
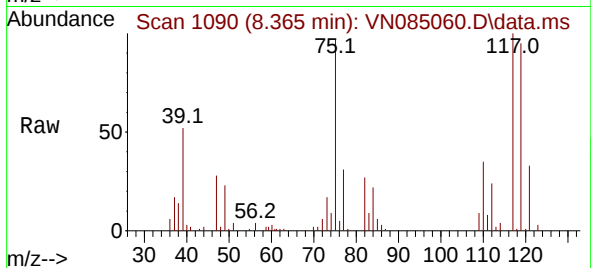
Tgt Ion: 75 Resp: 4484
Ion Ratio Lower Upper
75 100
110 36.0 0.0 69.4
77 31.1 0.0 62.0

Manual Integrations

APPROVED

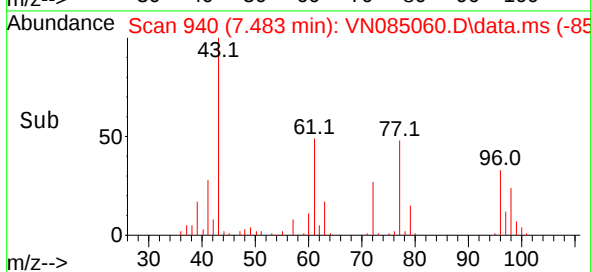
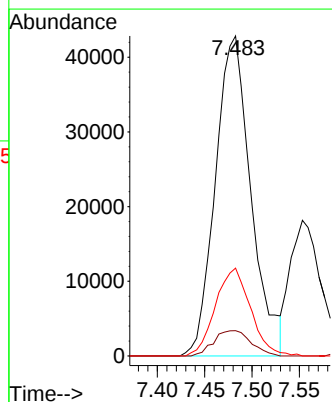
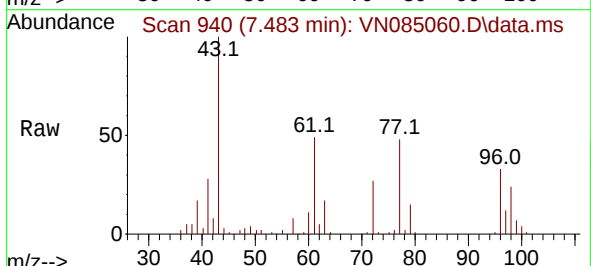
Reviewed By :John Carlone 12/02/2024

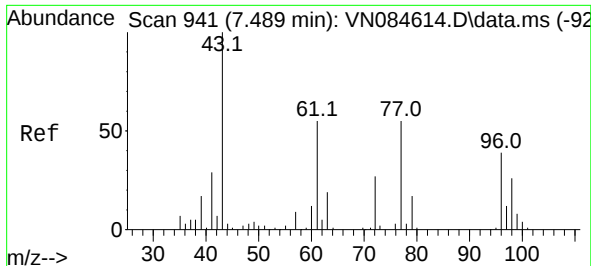
Supervised By :Mahesh Dadoda 12/02/2024



#30
2-Butanone
Concen: 109.442 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

Tgt Ion: 43 Resp: 112063
Ion Ratio Lower Upper
43 100
57 8.3 6.2 9.4
72 27.1 21.5 32.3





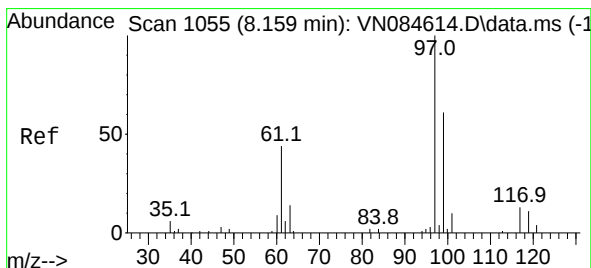
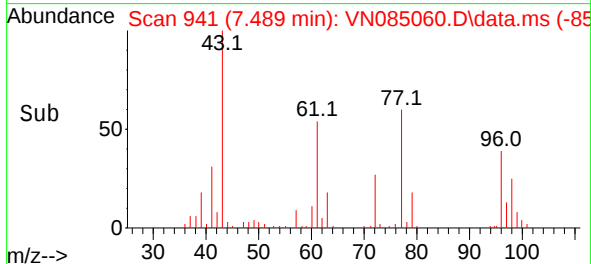
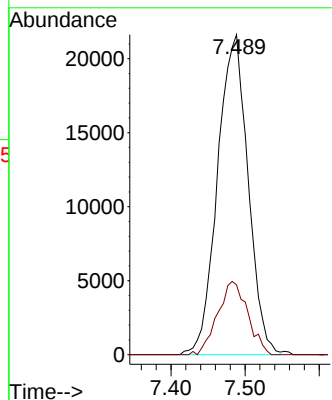
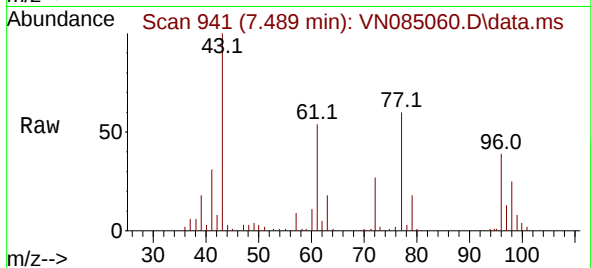
#31
2,2-Dichloropropane
Concen: 22.800 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 6178
Ion Ratio Lower Upper
77 100
97 22.4 17.4 26.2

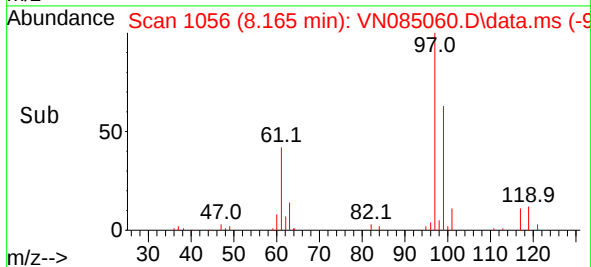
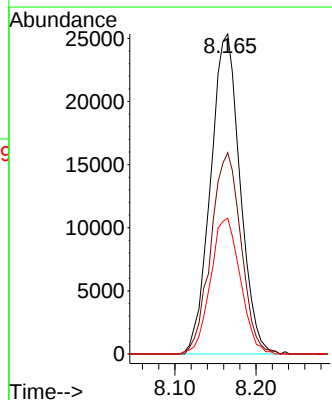
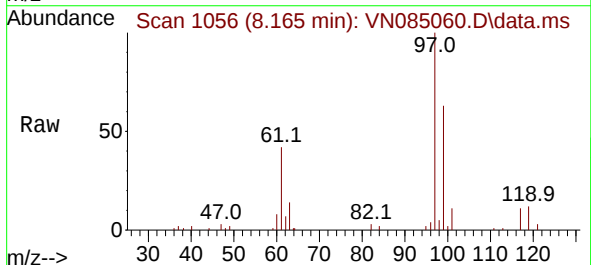
Manual Integrations
APPROVED

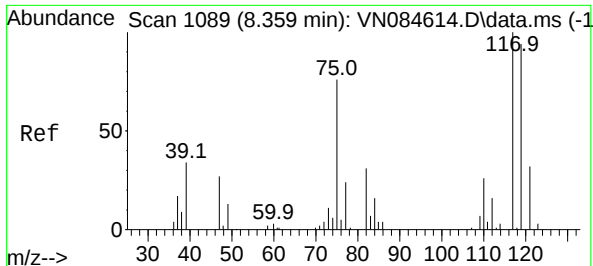
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#32
1,1,1-Trichloroethane
Concen: 21.194 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

Tgt Ion: 97 Resp: 63915
Ion Ratio Lower Upper
97 100
99 64.3 51.6 77.4
61 42.9 34.2 51.4





#33

Carbon Tetrachloride

Concen: 21.500 ug/l

RT: 8.359 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VN085060.D

Acq: 27 Nov 2024 16:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:117 Resp: 5532

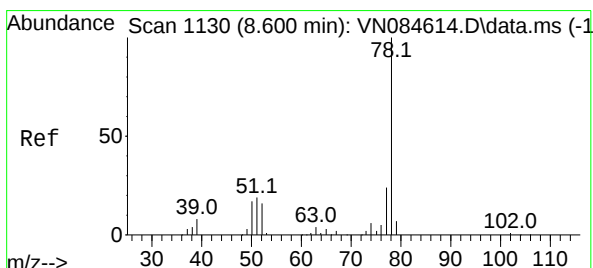
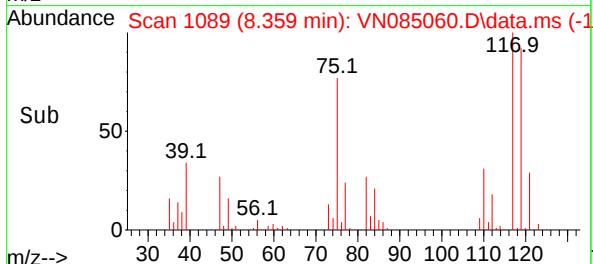
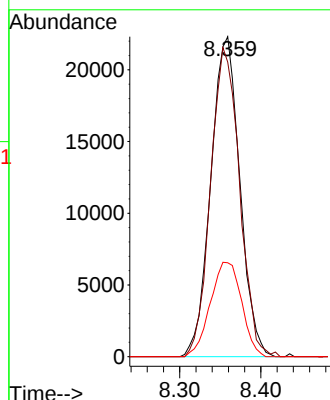
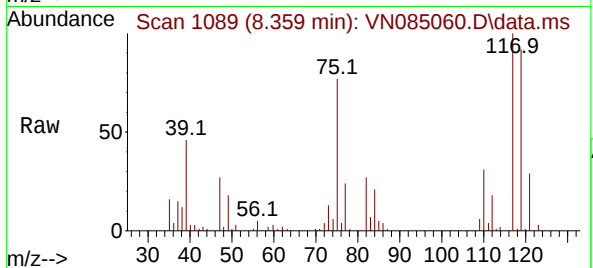
Ion	Ratio	Lower	Upper
117	100		
119	92.0	75.7	113.5
121	29.4	25.4	38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#34

Benzene

Concen: 20.467 ug/l

RT: 8.600 min Scan# 1130

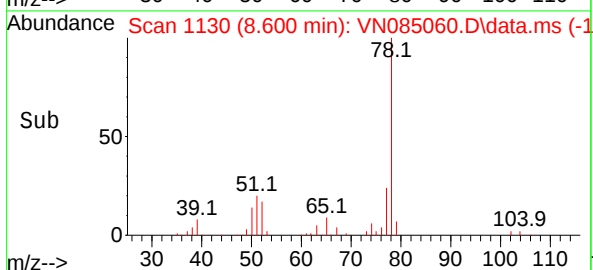
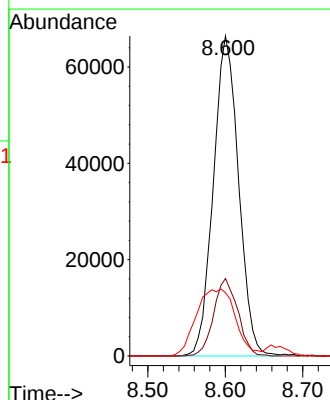
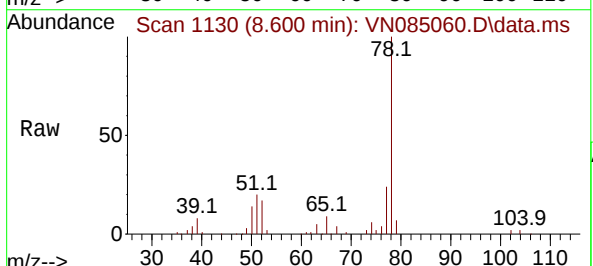
Delta R.T. -0.000 min

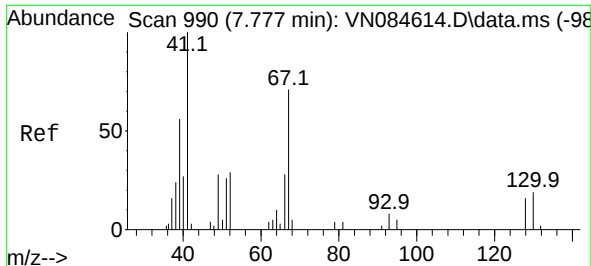
Lab File: VN085060.D

Acq: 27 Nov 2024 16:12

Tgt Ion: 78 Resp: 150173

Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.3	28.9
51	18.3	16.1	24.1





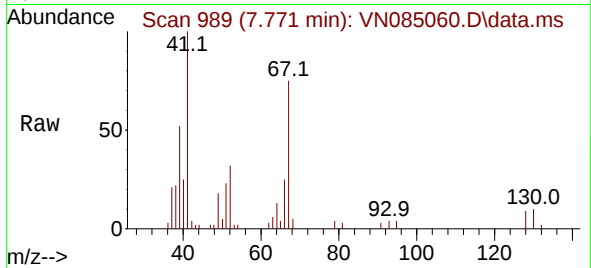
#35
Methacrylonitrile
Concen: 19.908 ug/l
RT: 7.771 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



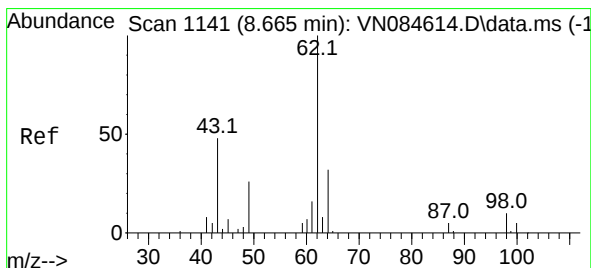
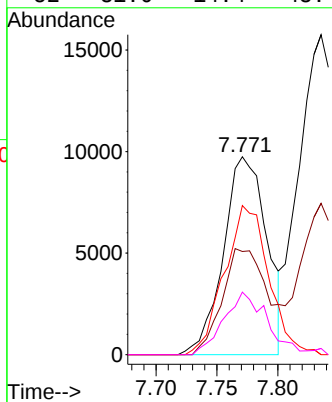
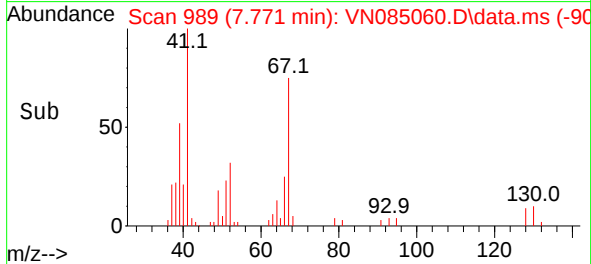
Tgt Ion: 41 Resp: 24160
Ion Ratio Lower Upper
41 100
39 52.1 28.2 84.6
67 75.3 35.6 106.8
52 31.6 14.4 43.4

Manual Integrations

APPROVED

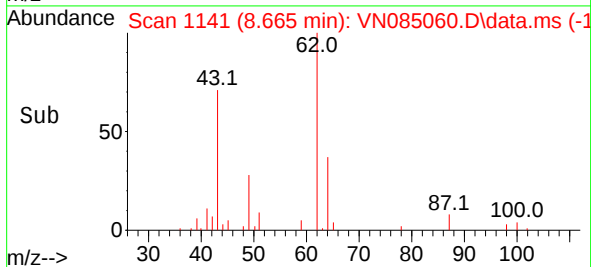
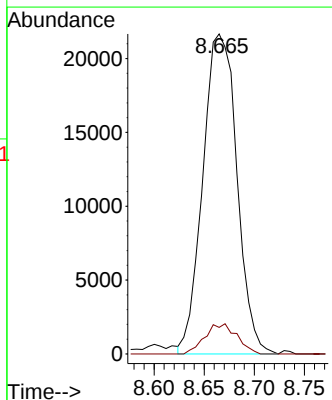
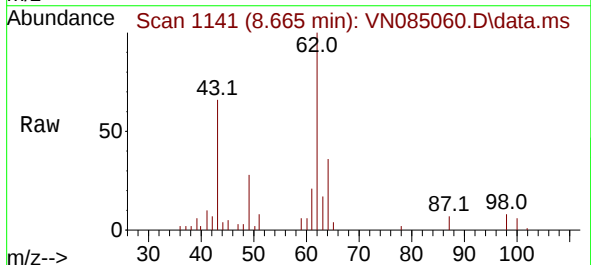
Reviewed By :John Carlone 12/02/2024

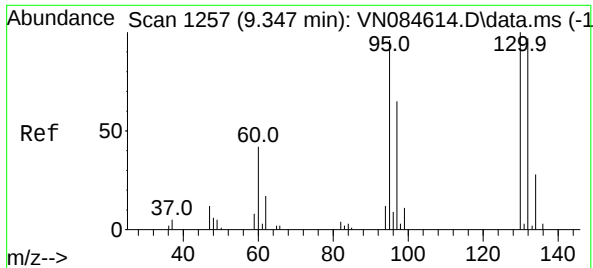
Supervised By :Mahesh Dadoda 12/02/2024



#36
1,2-Dichloroethane
Concen: 20.990 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

Tgt Ion: 62 Resp: 51215
Ion Ratio Lower Upper
62 100
98 8.9 7.8 11.6





#37
Trichloroethene
Concen: 20.577 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

Instrument :

MSVOA_N

ClientSampleId :

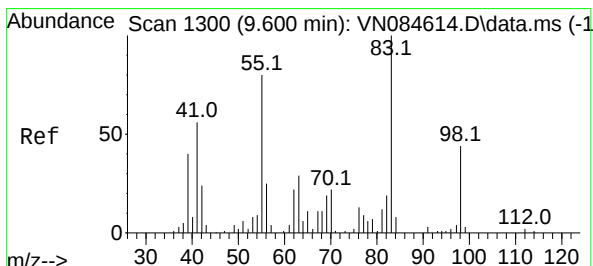
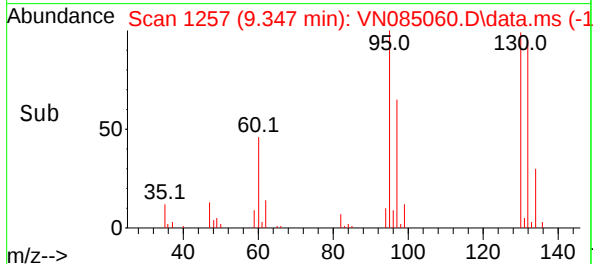
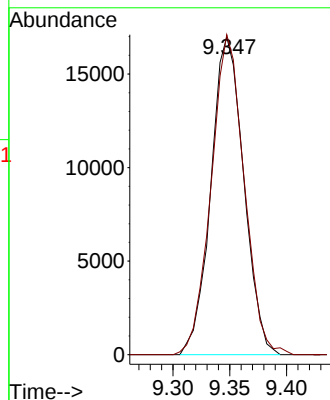
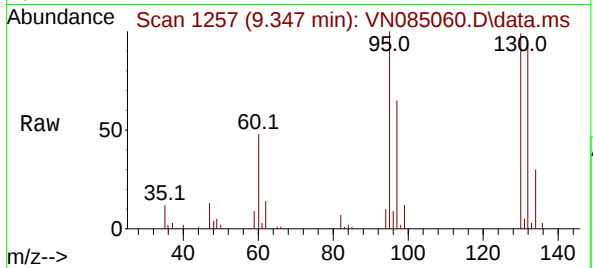
VSTDCCC020EC

Tgt Ion:130 Resp: 34060
Ion Ratio Lower Upper
130 100
95 99.8 76.6 115.0

Manual Integrations

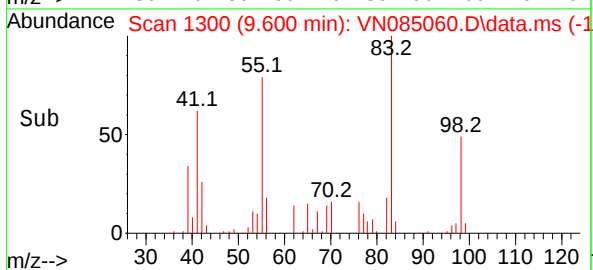
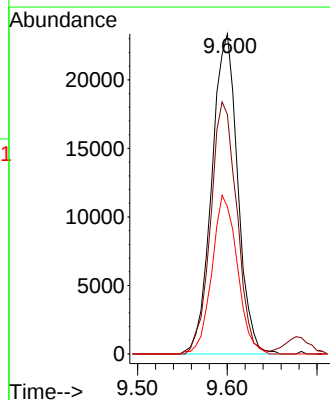
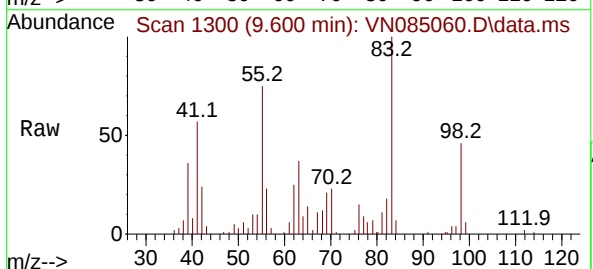
APPROVED

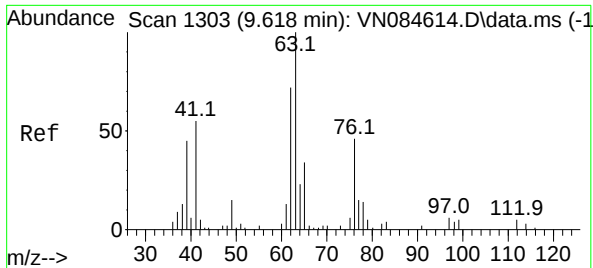
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#38
Methylcyclohexane
Concen: 19.594 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

Tgt Ion: 83 Resp: 46823
Ion Ratio Lower Upper
83 100
55 79.5 39.6 118.8
98 48.7 23.2 69.5





#39
1,2-Dichloropropane
Concen: 20.786 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

Instrument :

MSVOA_N

ClientSampleId :

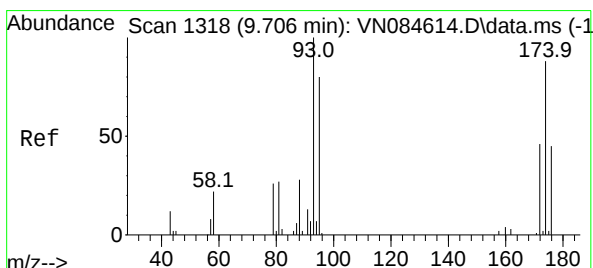
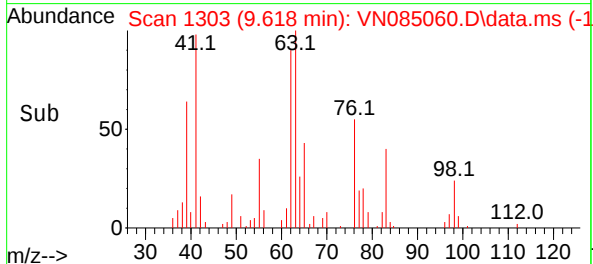
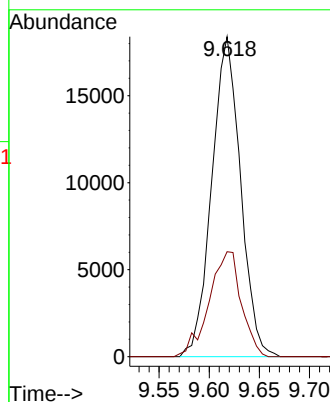
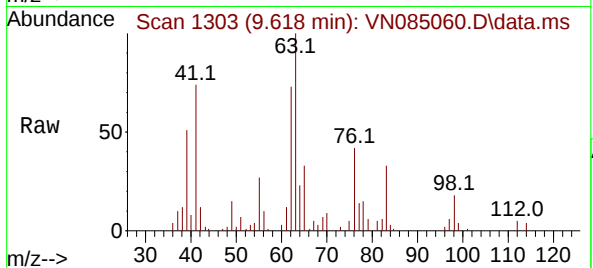
VSTDCCC020EC

Tgt Ion: 63 Resp: 36712
Ion Ratio Lower Upper
63 100
65 32.8 27.8 41.8

Manual Integrations

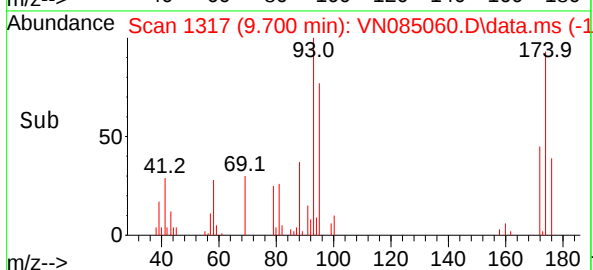
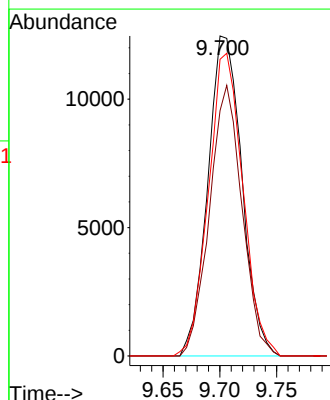
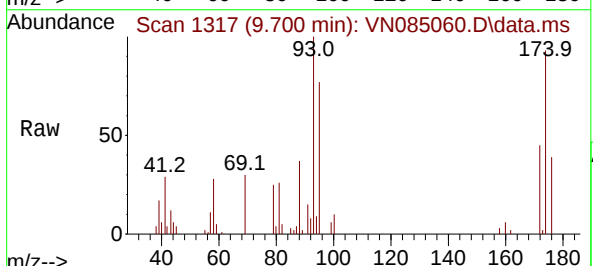
APPROVED

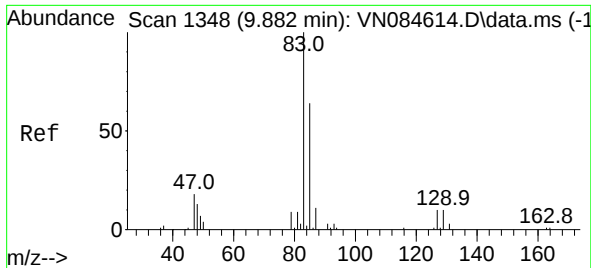
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#40
Dibromomethane
Concen: 21.057 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

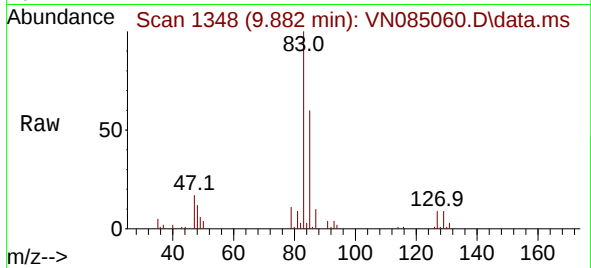
Tgt Ion: 93 Resp: 26018
Ion Ratio Lower Upper
93 100
95 80.7 0.0 168.4
174 95.5 0.0 183.4





#41
Bromodichloromethane
Concen: 20.692 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

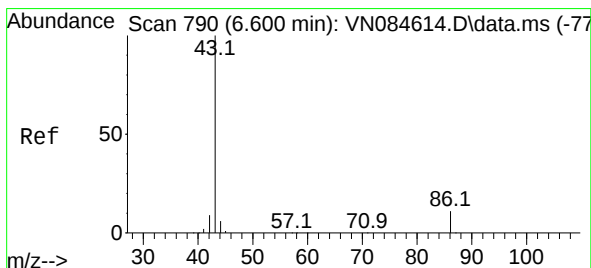
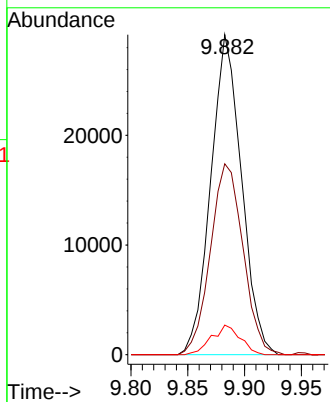
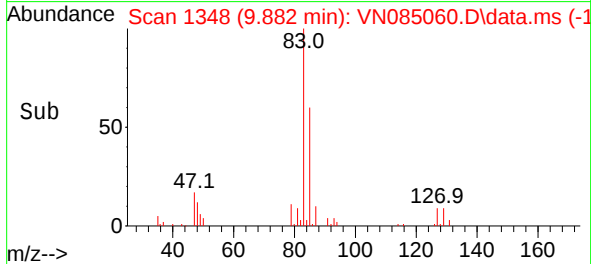
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 54810
Ion Ratio Lower Upper
83 100
85 59.6 51.0 76.6
127 9.2 7.8 11.6

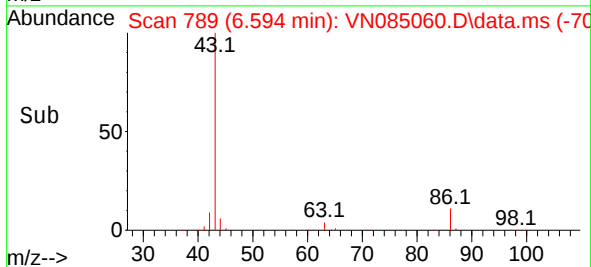
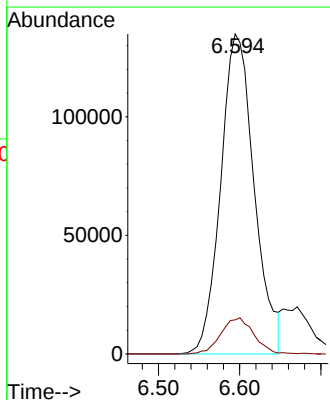
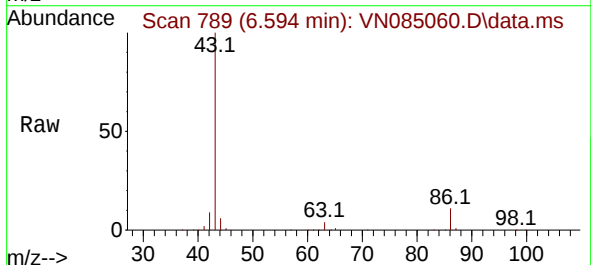
Manual Integrations
APPROVED

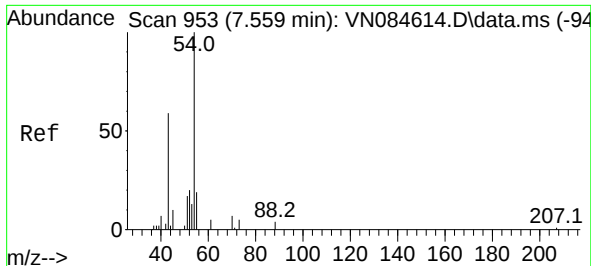
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#42
Vinyl Acetate
Concen: 101.208 ug/l
RT: 6.594 min Scan# 789
Delta R.T. -0.006 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

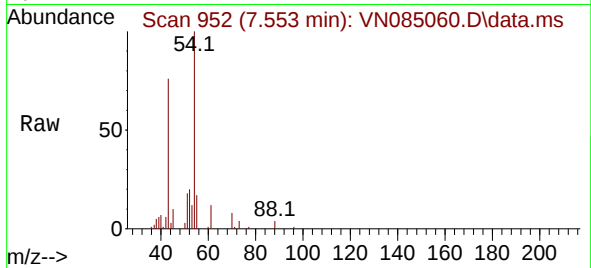
Tgt Ion: 43 Resp: 387362
Ion Ratio Lower Upper
43 100
86 11.0 8.6 13.0





#43
Ethyl Acetate
Concen: 19.937 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

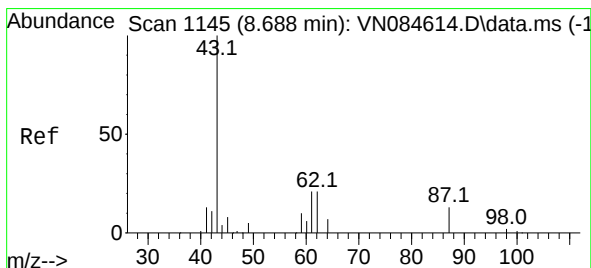
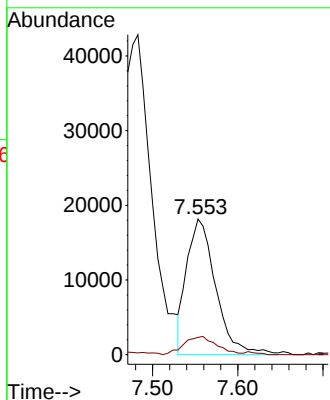
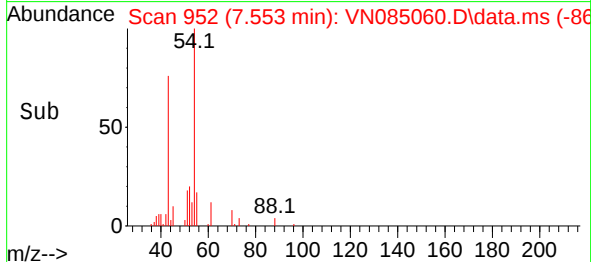
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 4289
Ion Ratio Lower Upper
43 100
45 15.3 11.0 16.4

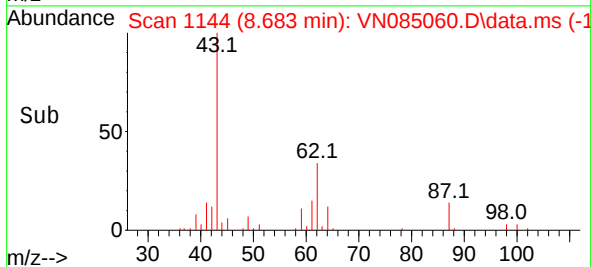
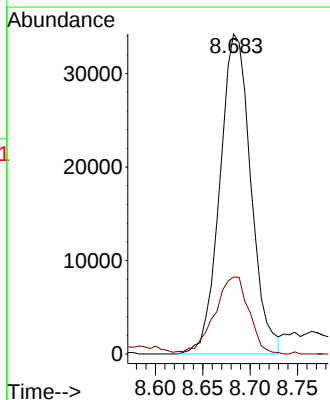
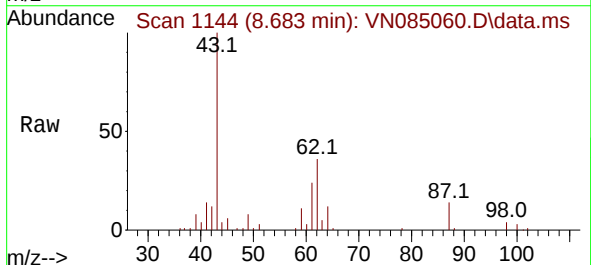
Manual Integrations
APPROVED

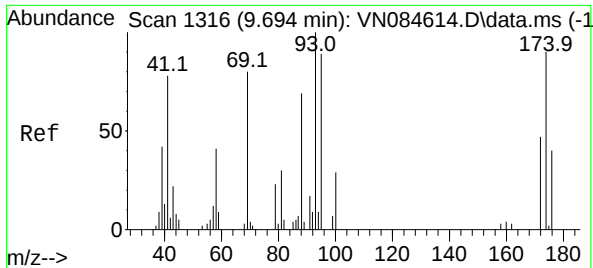
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#44
Isopropyl Acetate
Concen: 17.890 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

Tgt Ion: 43 Resp: 77943
Ion Ratio Lower Upper
43 100
61 26.7 19.8 29.8





#45

1,4-Dioxane

Concen: 386.779 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN085060.D

Acq: 27 Nov 2024 16:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

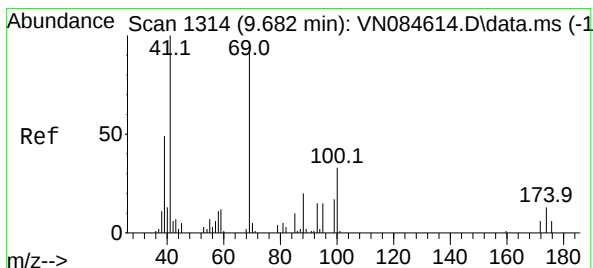
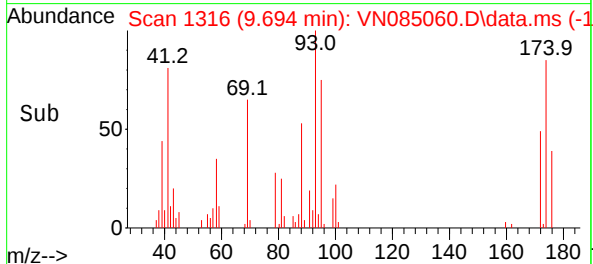
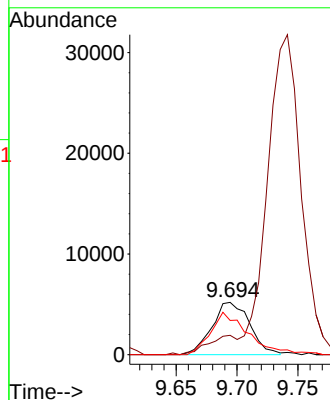
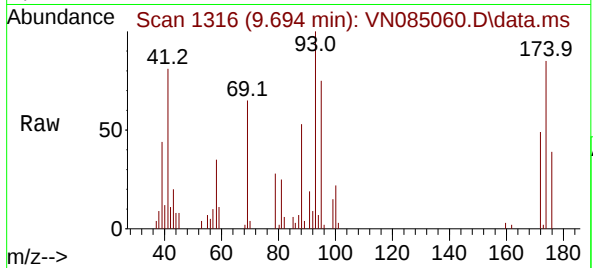
Tgt Ion: 88 Resp: 11250
 Ion Ratio Lower Upper
 88 100
 43 28.8 20.8 31.2
 58 80.1 53.4 80.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#46

Methyl methacrylate

Concen: 19.586 ug/l

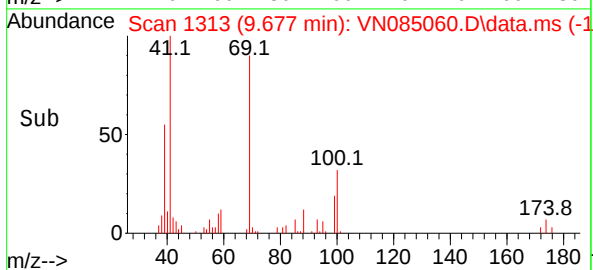
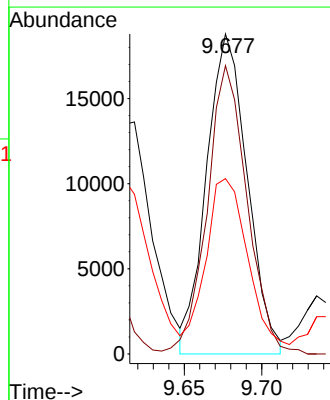
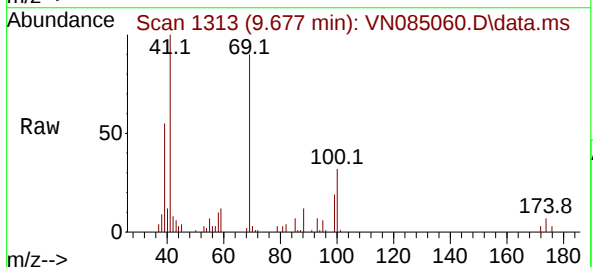
RT: 9.677 min Scan# 1313

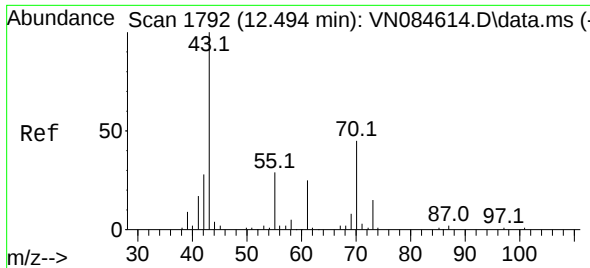
Delta R.T. -0.006 min

Lab File: VN085060.D

Acq: 27 Nov 2024 16:12

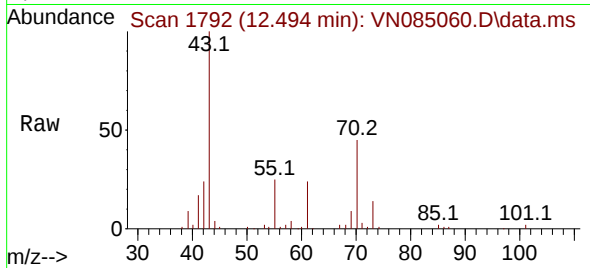
Tgt Ion: 41 Resp: 34291
 Ion Ratio Lower Upper
 41 100
 69 91.6 43.4 130.2
 39 53.0 24.7 74.1





#47
n-amyl acetate
Concen: 19.357 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

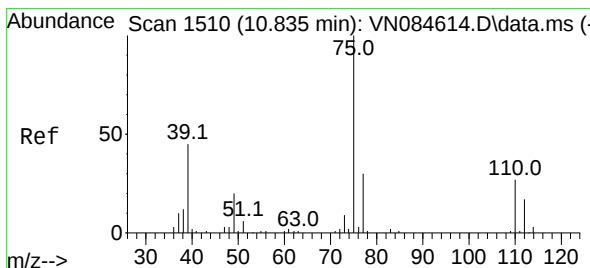
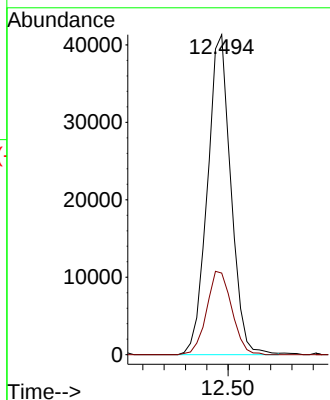
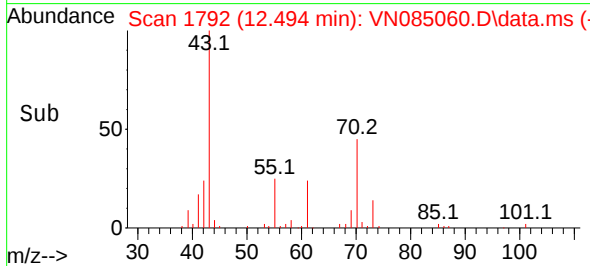
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



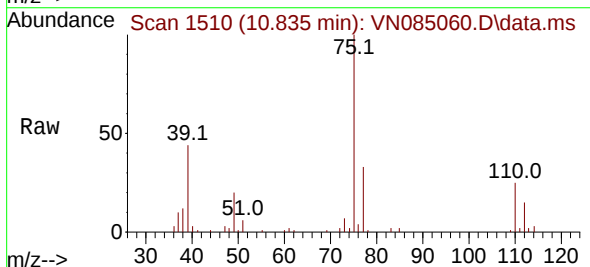
Tgt Ion: 43 Resp: 62985
Ion Ratio Lower Upper
43 100
55 28.0 22.0 33.0

Manual Integrations
APPROVED

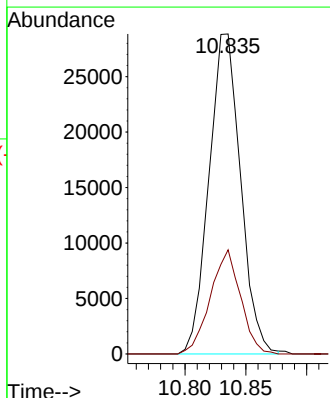
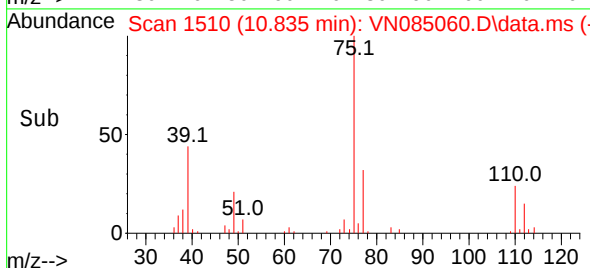
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024

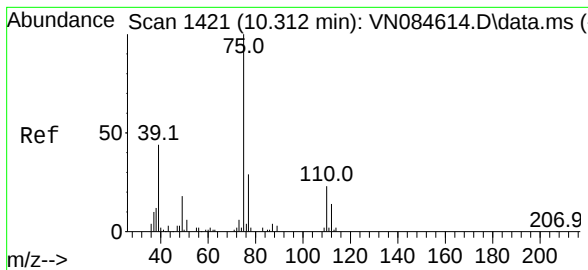


#48
t-1,3-Dichloropropene
Concen: 19.934 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12



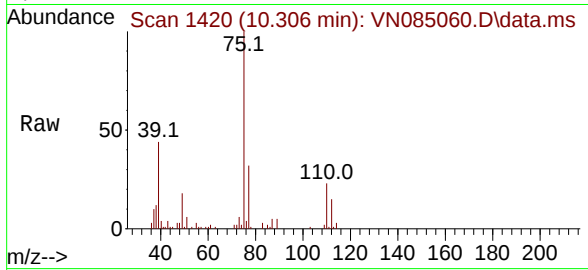
Tgt Ion: 75 Resp: 52138
Ion Ratio Lower Upper
75 100
77 32.6 24.4 36.6





#49
cis-1,3-Dichloropropene
Concen: 20.597 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

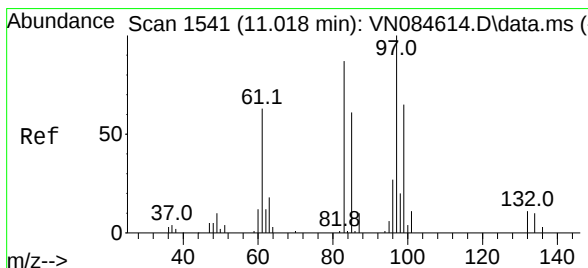
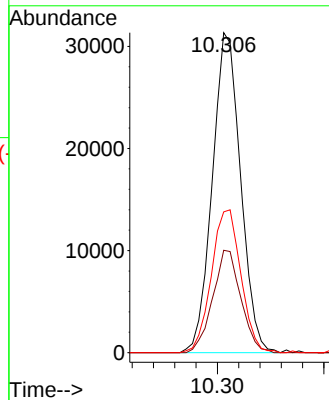
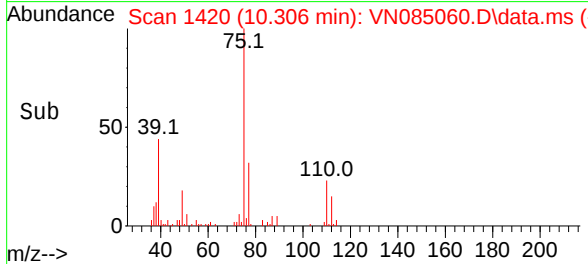
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 57738
Ion Ratio Lower Upper
75 100
77 32.0 23.4 35.2
39 44.0 35.4 53.2

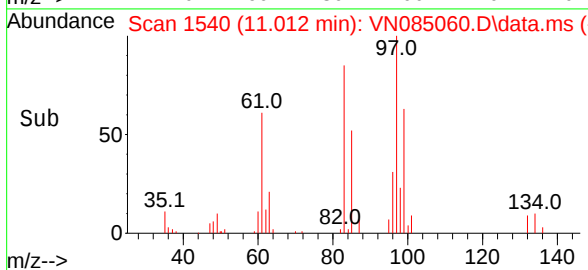
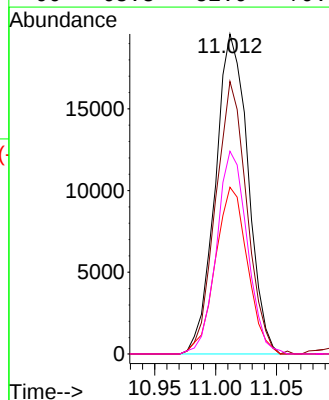
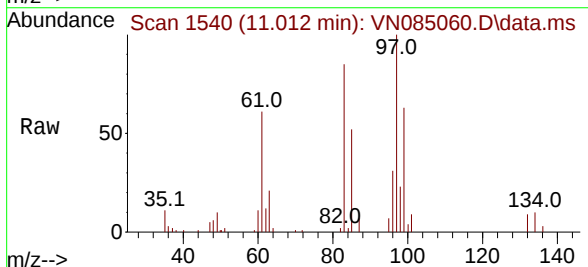
Manual Integrations
APPROVED

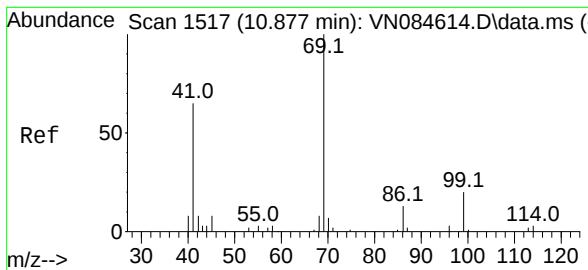
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#50
1,1,2-Trichloroethane
Concen: 22.062 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.006 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

Tgt Ion: 97 Resp: 36564
Ion Ratio Lower Upper
97 100
83 85.2 69.8 104.8
85 52.1 48.6 73.0
99 63.3 52.9 79.3





#51
Ethyl methacrylate
Concen: 19.713 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

Instrument :

MSVOA_N

ClientSampleId :

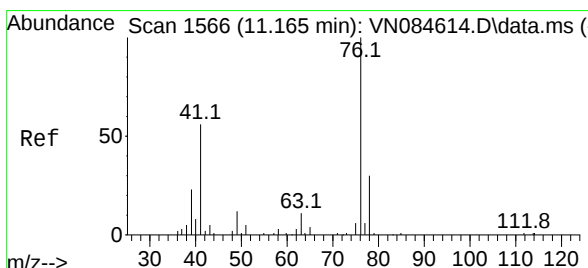
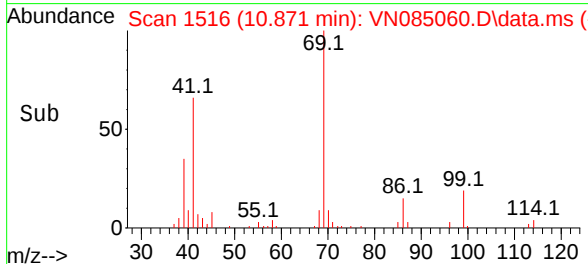
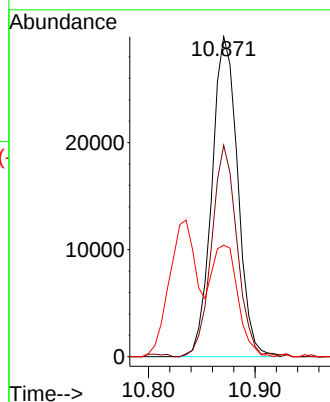
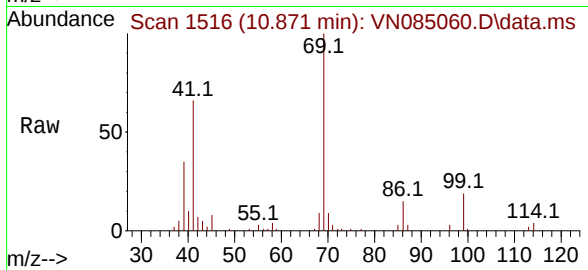
VSTDCCC020EC

Tgt Ion: 69 Resp: 50362
Ion Ratio Lower Upper
69 100
41 66.0 32.8 98.3
39 34.3 15.4 46.1

Manual Integrations

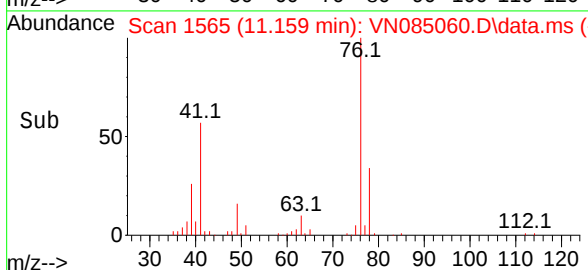
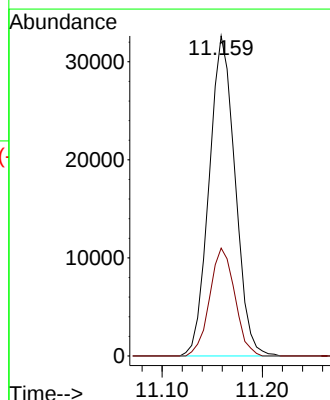
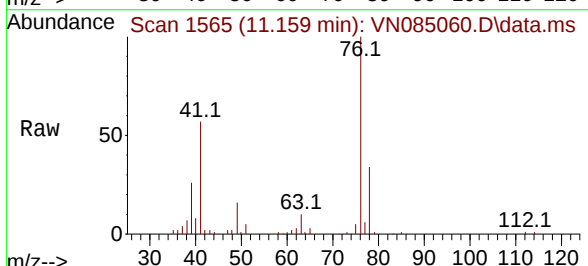
APPROVED

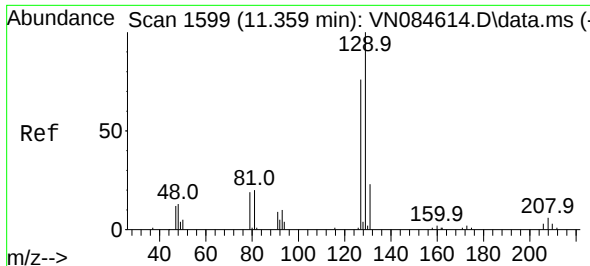
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#52
1,3-Dichloropropane
Concen: 20.421 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

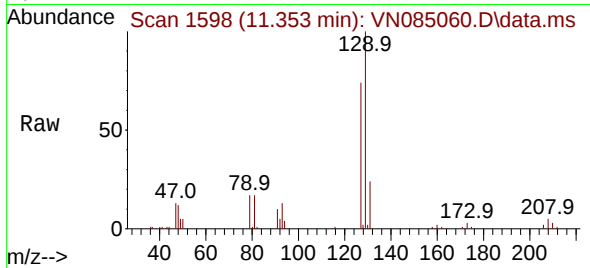
Tgt Ion: 76 Resp: 58747
Ion Ratio Lower Upper
76 100
78 32.5 0.0 64.0





#53
Dibromochloromethane
Concen: 21.251 ug/l
RT: 11.353 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

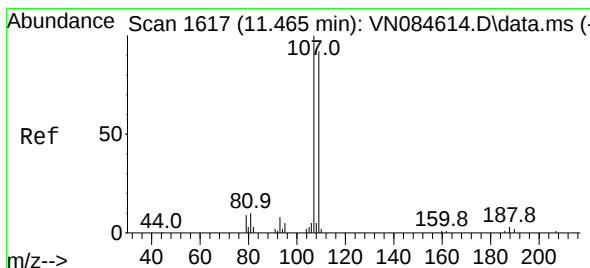
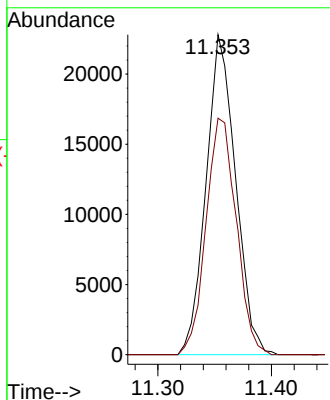
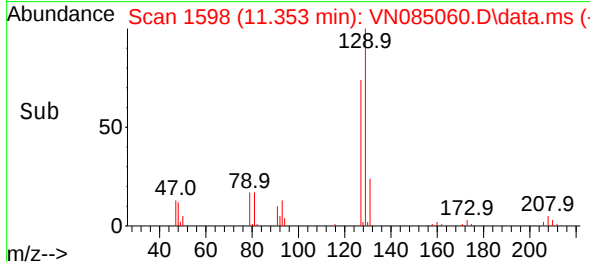
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:129 Resp: 41210
Ion Ratio Lower Upper
129 100
127 75.8 39.6 119.0

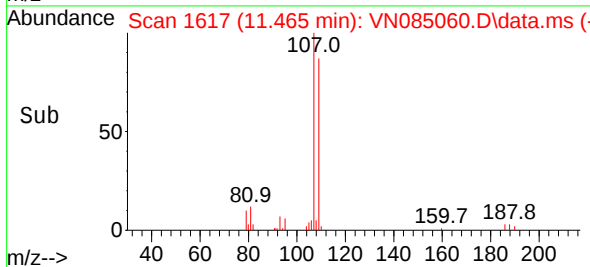
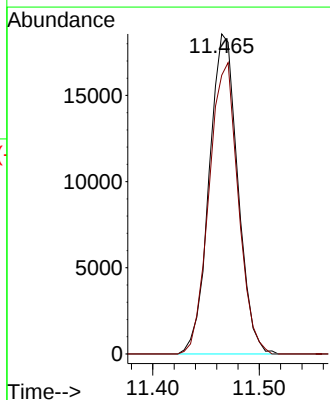
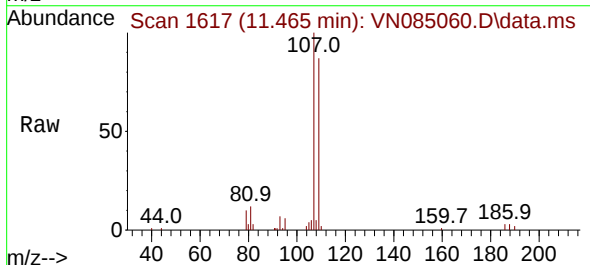
Manual Integrations
APPROVED

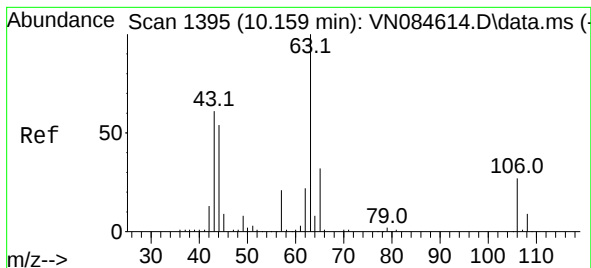
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#54
1,2-Dibromoethane
Concen: 20.639 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

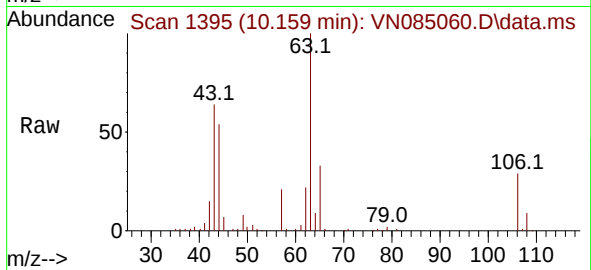
Tgt Ion:107 Resp: 34597
Ion Ratio Lower Upper
107 100
109 92.7 73.4 110.0





#55
2-Chloroethyl vinyl ether
Concen: 85.674 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

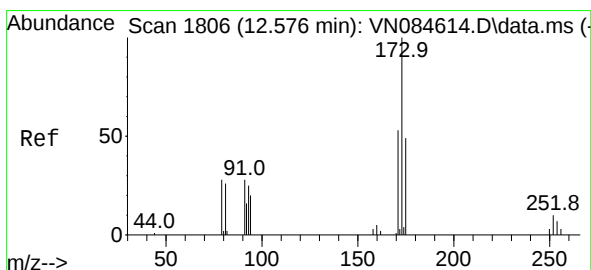
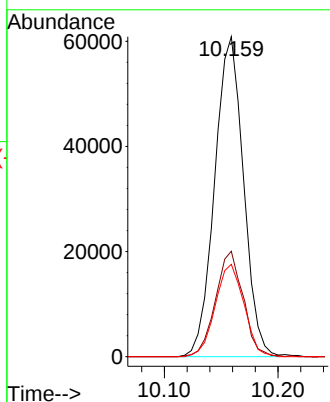
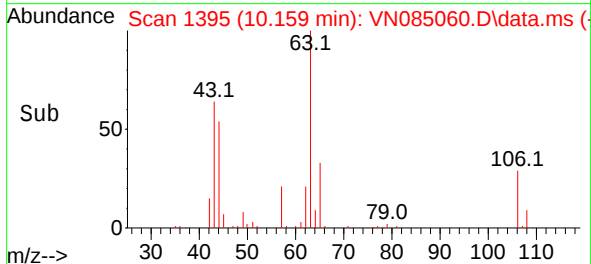
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 10730
Ion Ratio Lower Upper
63 100
65 31.6 25.5 38.3
106 28.8 22.3 33.5

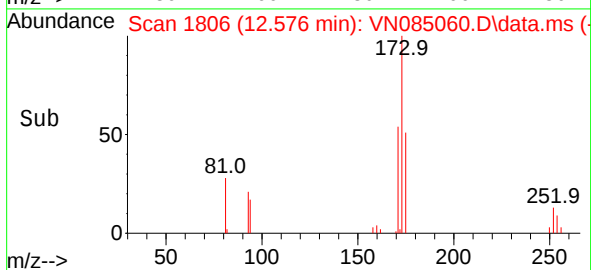
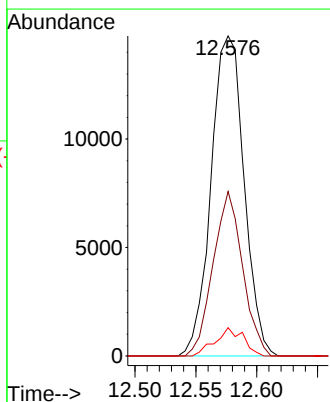
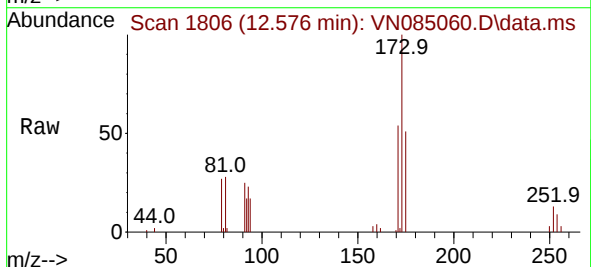
Manual Integrations
APPROVED

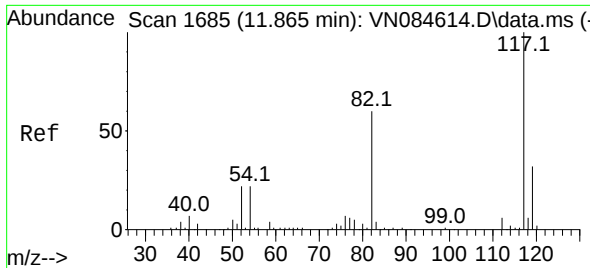
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#56
Bromoform
Concen: 21.374 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

Tgt Ion:173 Resp: 27787
Ion Ratio Lower Upper
173 100
175 46.0 39.4 59.2
254 7.5 6.4 9.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

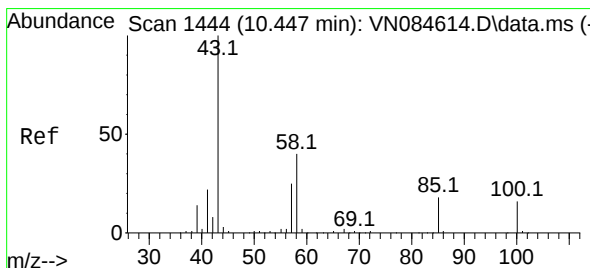
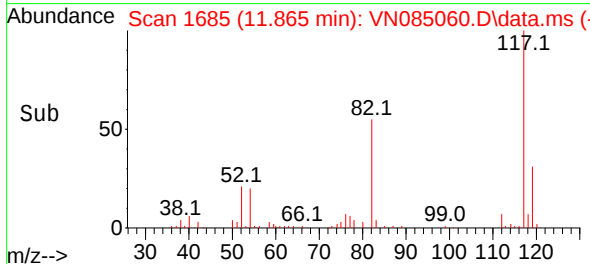
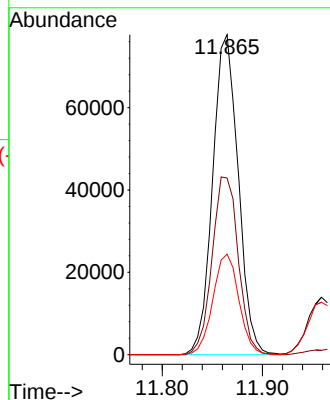
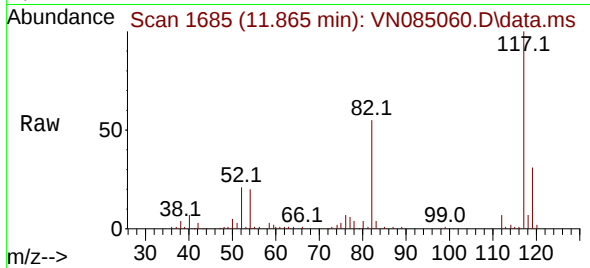
Tgt Ion:117 Resp: 13783
Ion Ratio Lower Upper
117 100
82 57.0 45.5 68.3
119 32.0 25.3 37.9

Manual Integrations

APPROVED

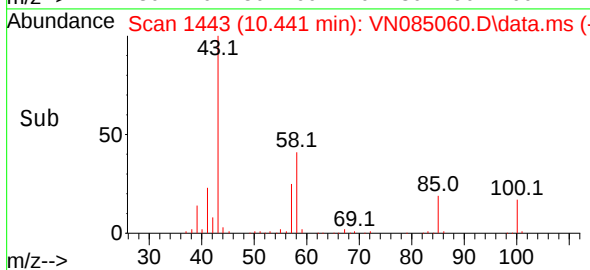
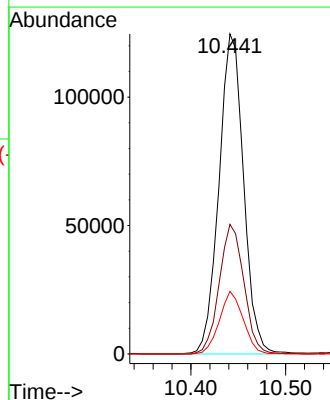
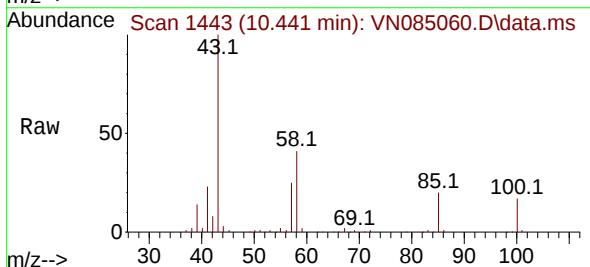
Reviewed By :John Carlone 12/02/2024

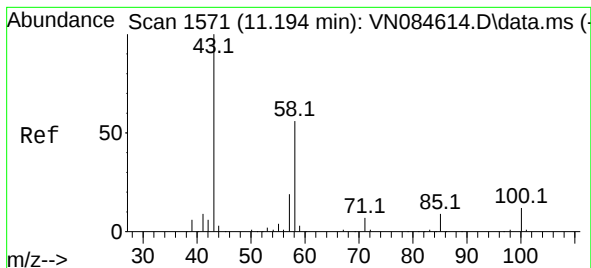
Supervised By :Mahesh Dadoda 12/02/2024



#58
4-Methyl-2-Pentanone
Concen: 103.573 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

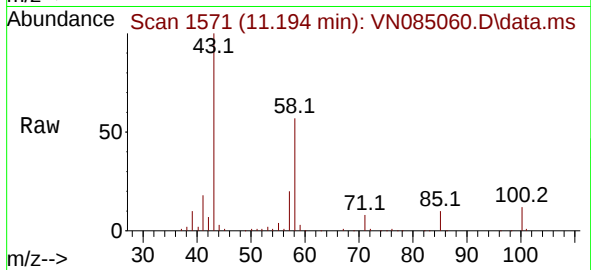
Tgt Ion: 43 Resp: 225223
Ion Ratio Lower Upper
43 100
58 40.4 31.2 46.8
85 18.8 14.9 22.3





#59
2-Hexanone
Concen: 104.543 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

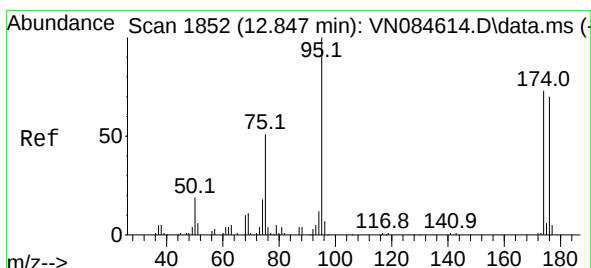
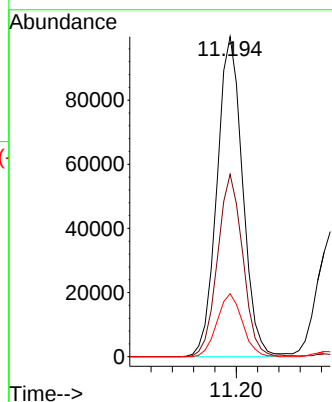
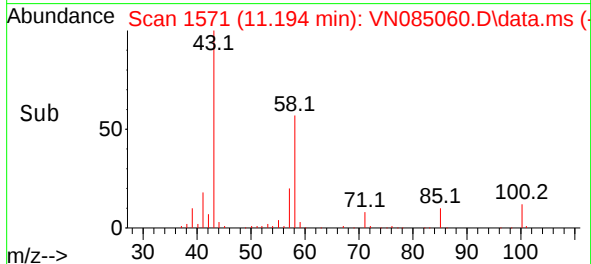
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 166468
Ion Ratio Lower Upper
43 100
58 56.2 43.8 65.6
57 19.5 15.0 22.6

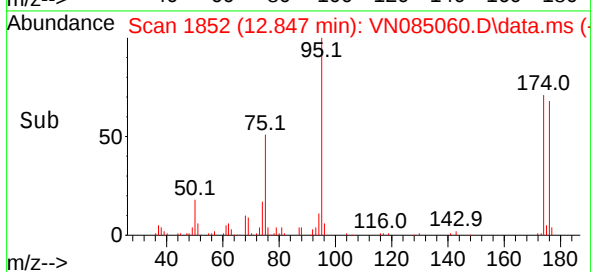
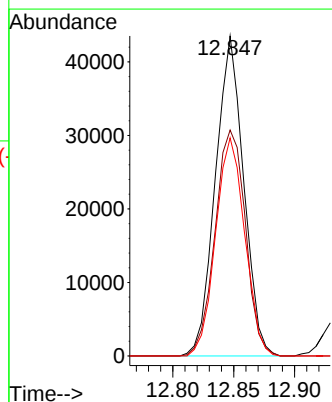
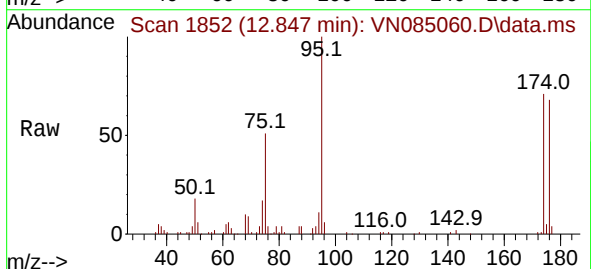
Manual Integrations
APPROVED

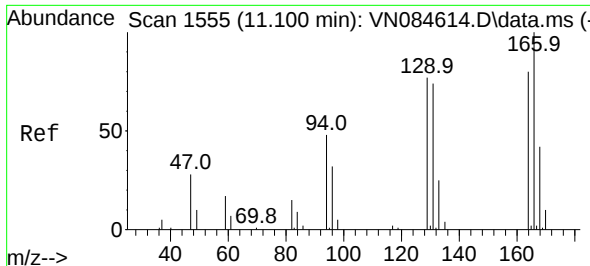
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#60
4-Bromofluorobenzene
Concen: 29.571 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

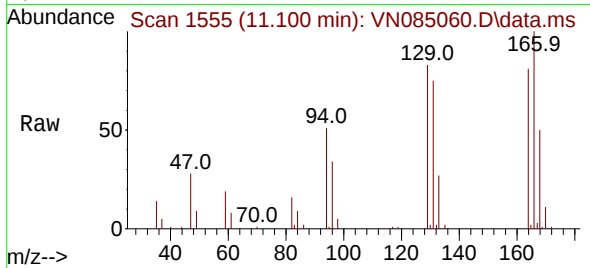
Tgt Ion: 95 Resp: 70182
Ion Ratio Lower Upper
95 100
174 76.0 59.6 89.4
176 70.4 58.6 88.0





#61
Tetrachloroethene
Concen: 20.527 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

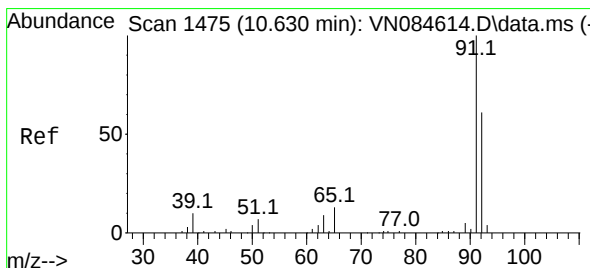
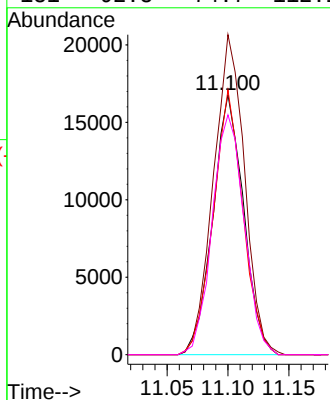
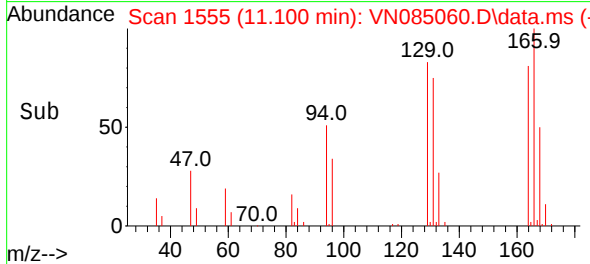
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



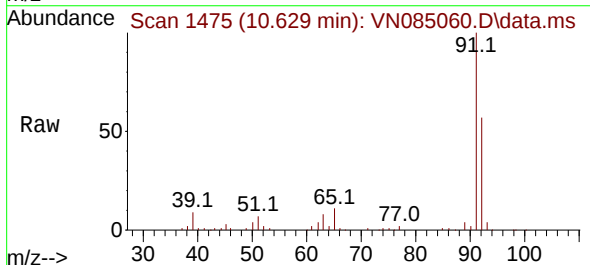
Tgt Ion:164 Resp: 2961
Ion Ratio Lower Upper
164 100
166 123.1 100.5 150.7
129 101.8 77.7 116.5
131 92.3 74.7 112.1

Manual Integrations
APPROVED

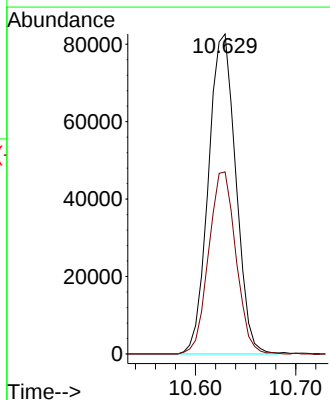
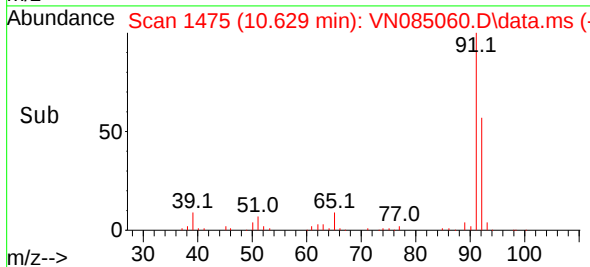
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024

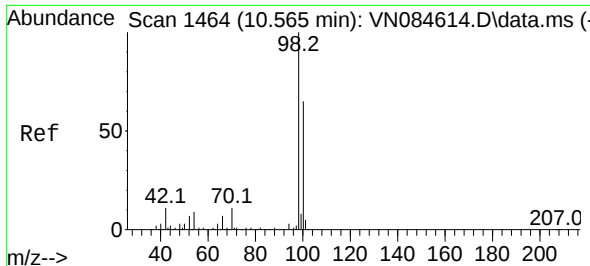


#62
Toluene
Concen: 19.986 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12



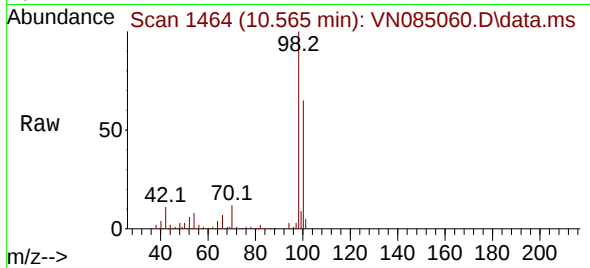
Tgt Ion: 91 Resp: 156904
Ion Ratio Lower Upper
91 100
92 56.6 47.5 71.3





#63
Toluene-d8
Concen: 29.251 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

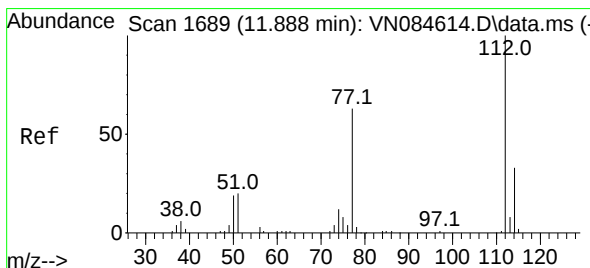
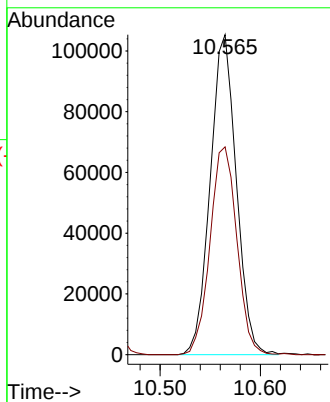
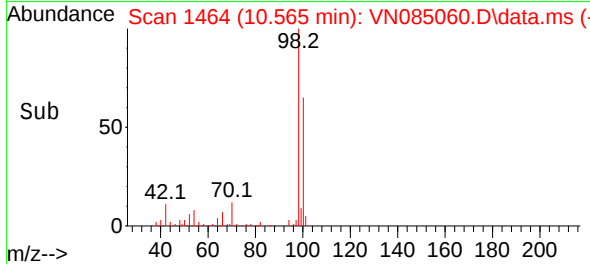
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 98 Resp: 190870
Ion Ratio Lower Upper
98 100
100 66.6 52.2 78.2

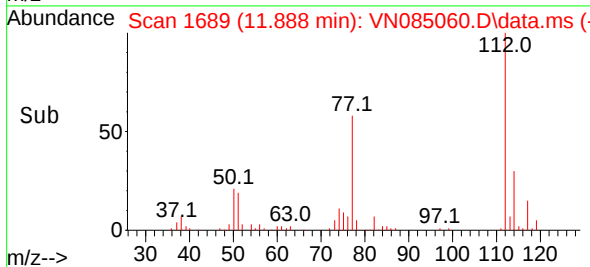
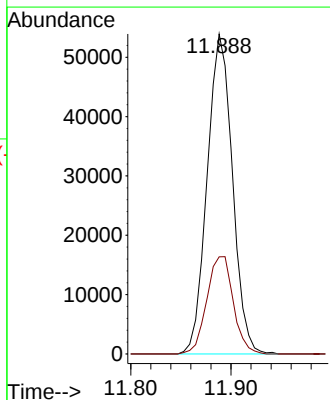
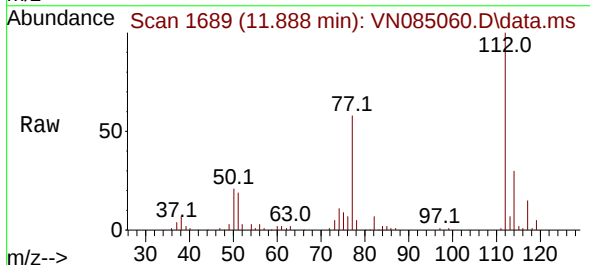
Manual Integrations
APPROVED

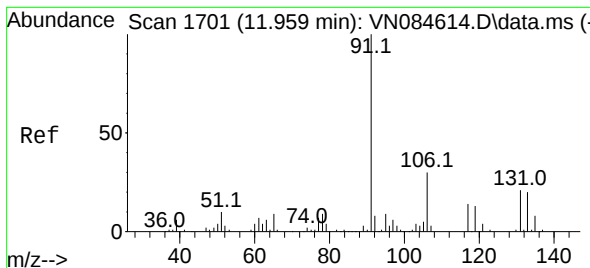
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#64
Chlorobenzene
Concen: 19.947 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

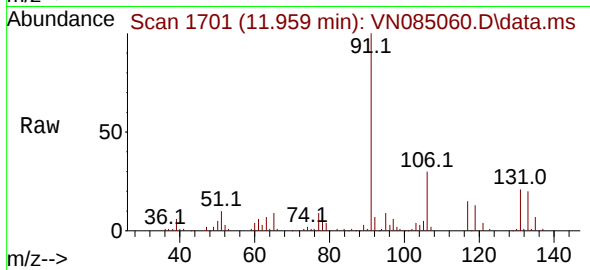
Tgt Ion:112 Resp: 94534
Ion Ratio Lower Upper
112 100
114 30.3 26.2 39.4





#65
1,1,1,2-Tetrachloroethane
Concen: 20.926 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

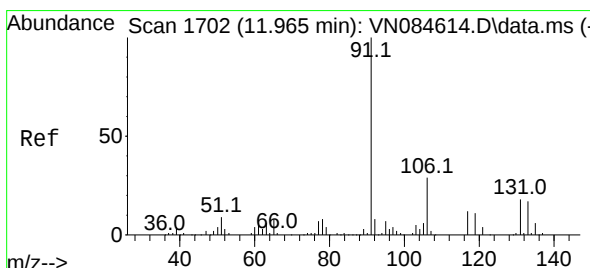
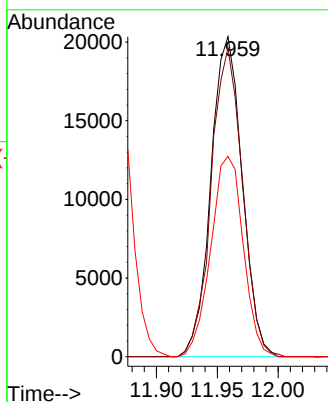
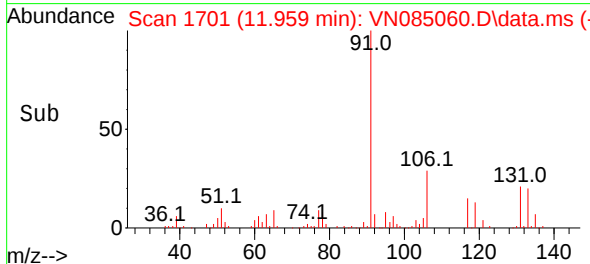
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



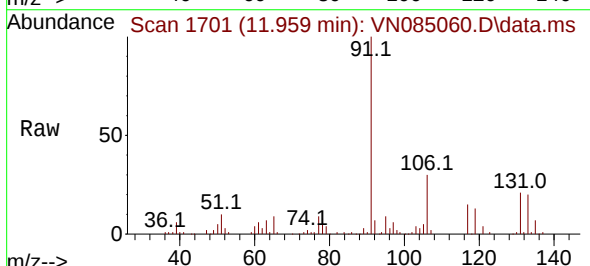
Tgt Ion:131 Resp: 36449
Ion Ratio Lower Upper
131 100
133 96.3 0.0 189.2
119 64.8 0.0 129.4

Manual Integrations
APPROVED

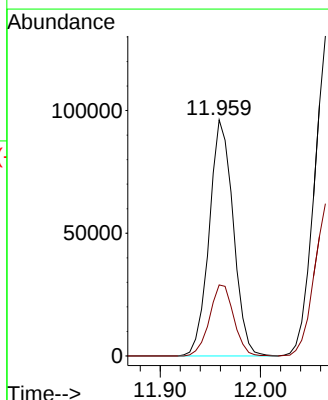
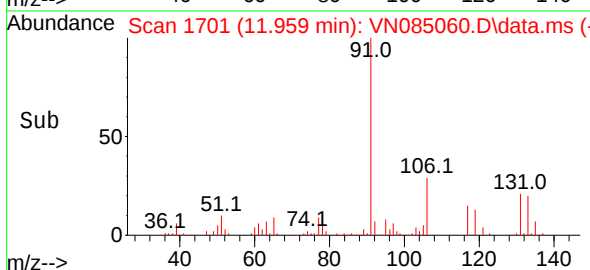
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024

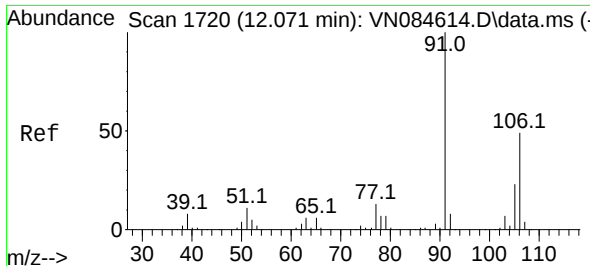


#66
Ethyl Benzene
Concen: 19.387 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12



Tgt Ion: 91 Resp: 159949
Ion Ratio Lower Upper
91 100
106 30.1 22.9 34.3





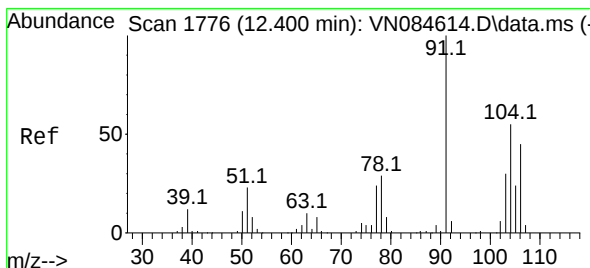
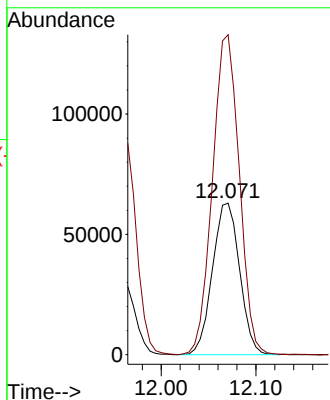
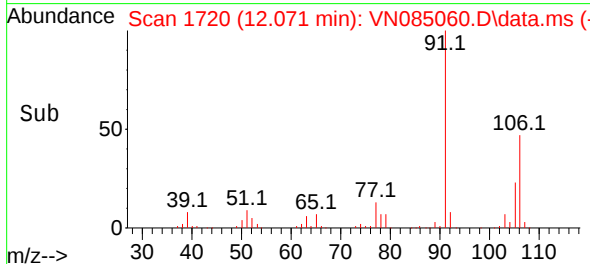
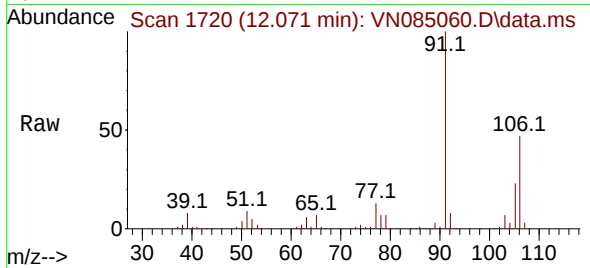
#67
m/p-Xylenes
Concen: 39.727 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 12548
Ion Ratio Lower Upper
106 100
91 208.5 168.1 252.1

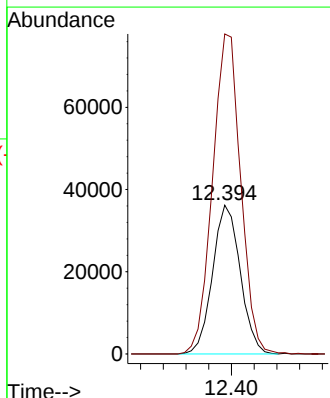
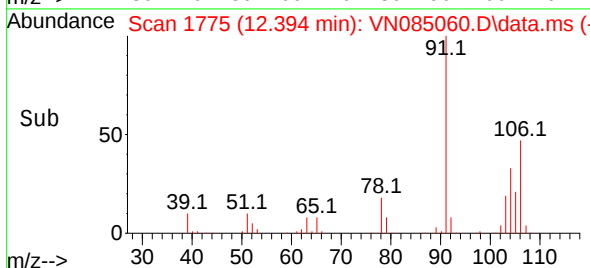
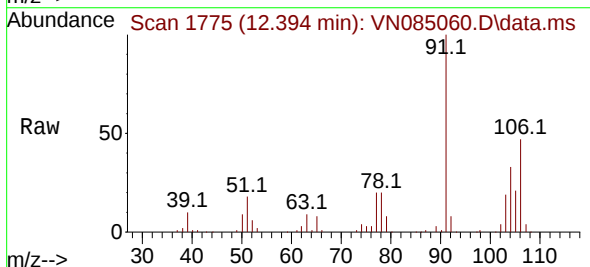
Manual Integrations
APPROVED

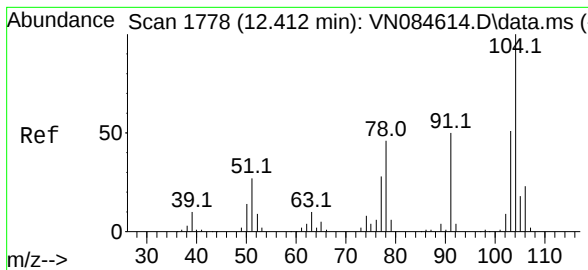
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#68
o-Xylene
Concen: 20.110 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

Tgt Ion:106 Resp: 61274
Ion Ratio Lower Upper
106 100
91 218.6 107.7 322.9





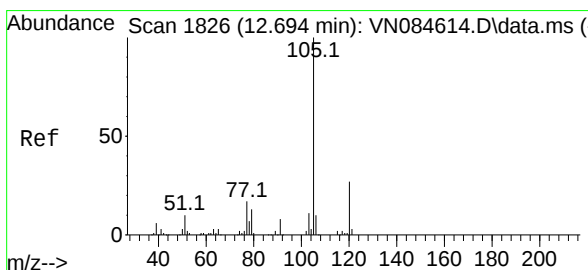
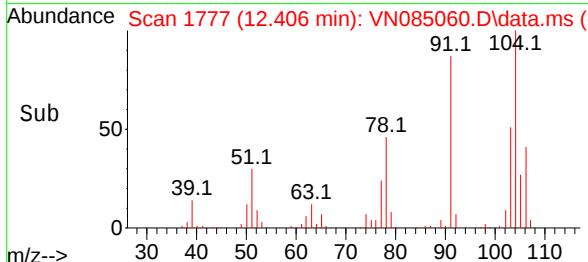
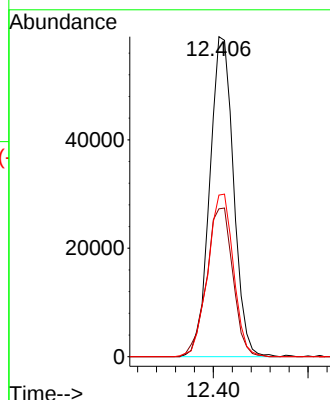
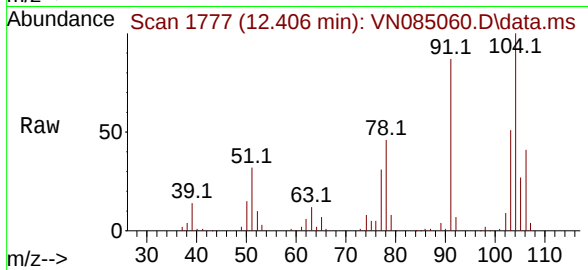
#69
Styrene
Concen: 20.174 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:104 Resp: 103069
Ion Ratio Lower Upper
104 100
78 51.2 41.5 62.3
103 54.6 44.6 67.0

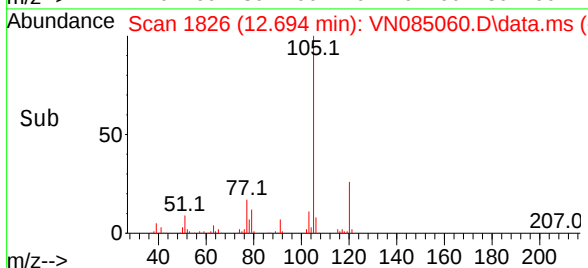
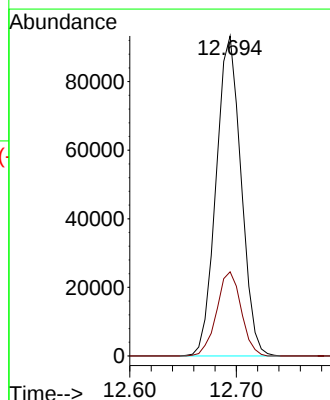
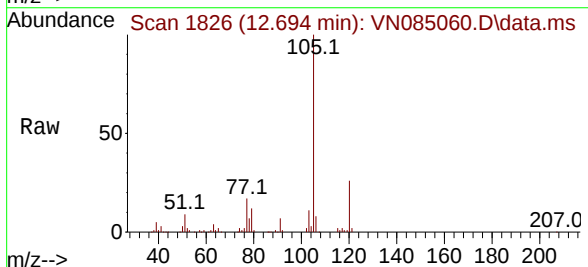
Manual Integrations
APPROVED

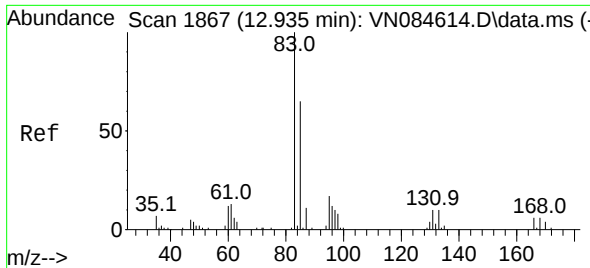
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#70
Isopropylbenzene
Concen: 20.043 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

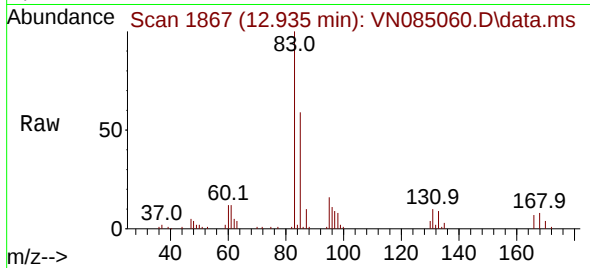
Tgt Ion:105 Resp: 151716
Ion Ratio Lower Upper
105 100
120 25.8 18.7 34.7





#71
1,1,2,2-Tetrachloroethane
Concen: 21.066 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

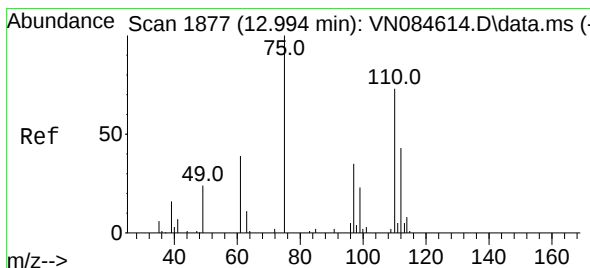
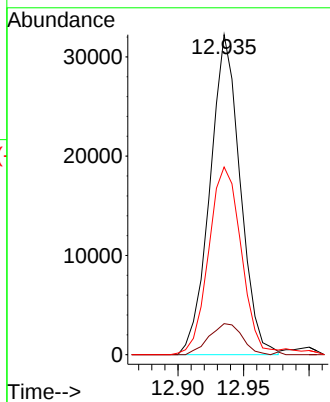
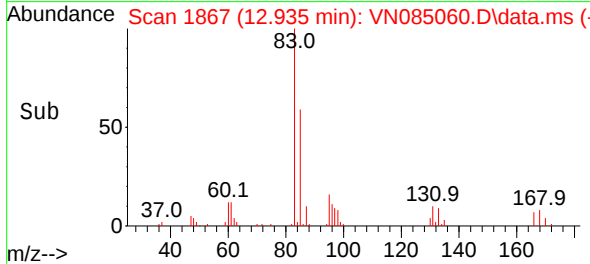
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 51683
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.3
85 62.9 33.3 99.9

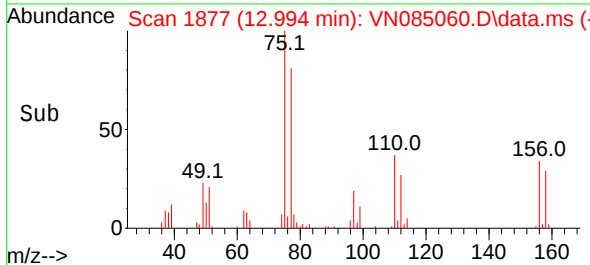
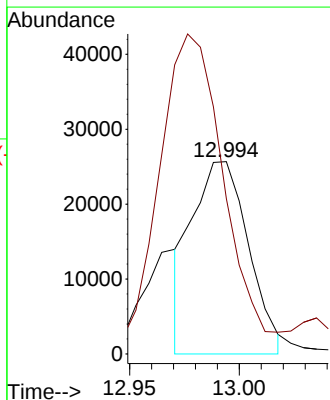
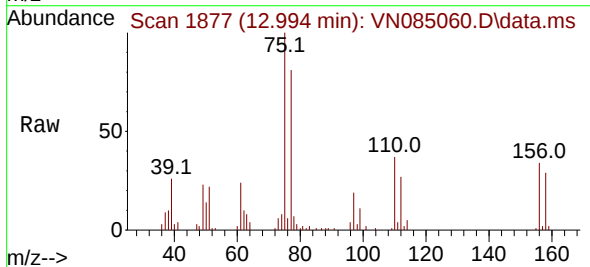
Manual Integrations
APPROVED

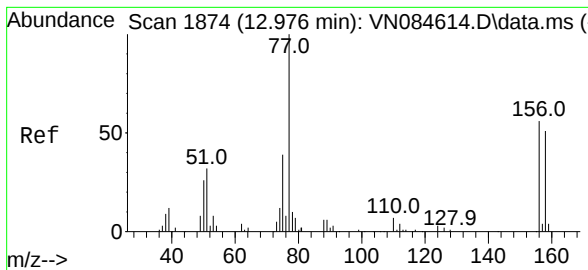
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#72
1,2,3-Trichloropropane
Concen: 21.883 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

Tgt Ion: 75 Resp: 45844
Ion Ratio Lower Upper
75 100
77 193.5 0.0 358.4





#73
Bromobenzene
Concen: 19.871 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

Instrument :

MSVOA_N

ClientSampleId :

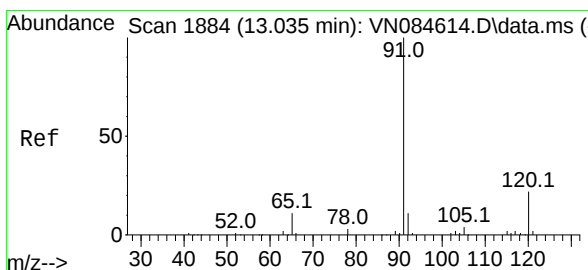
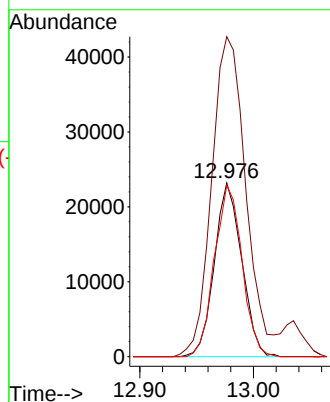
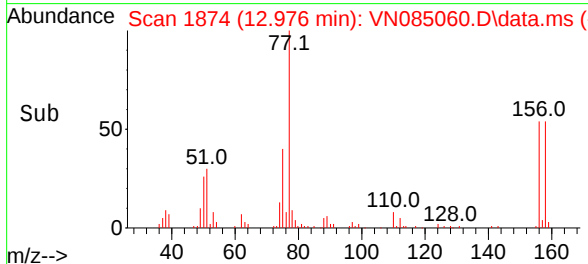
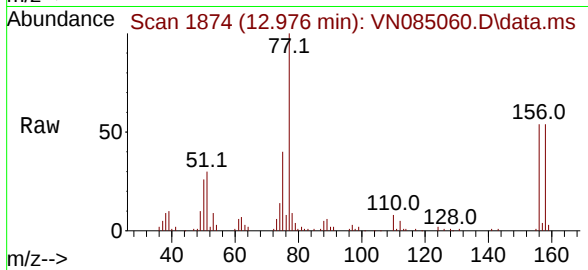
VSTDCCC020EC

Tgt Ion:156 Resp: 38793
Ion Ratio Lower Upper
156 100
77 228.6 0.0 427.6
158 99.4 0.0 191.6

Manual Integrations

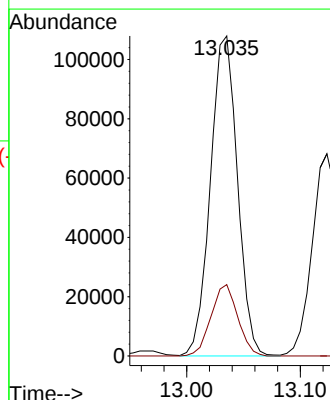
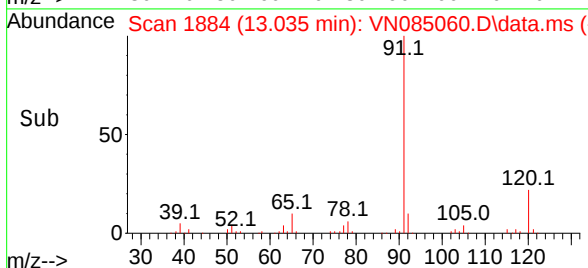
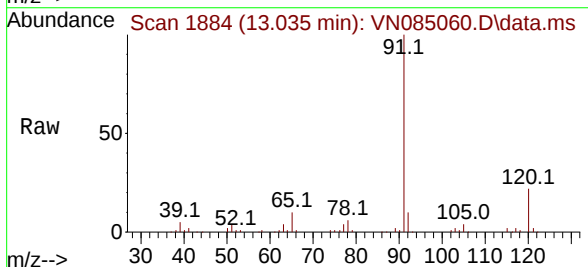
APPROVED

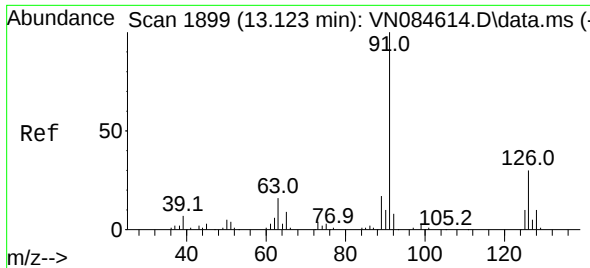
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#74
n-propylbenzene
Concen: 20.214 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

Tgt Ion: 91 Resp: 178914
Ion Ratio Lower Upper
91 100
120 21.9 0.0 44.0





#75
2-Chlorotoluene
Concen: 20.189 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

Instrument :

MSVOA_N

ClientSampleId :

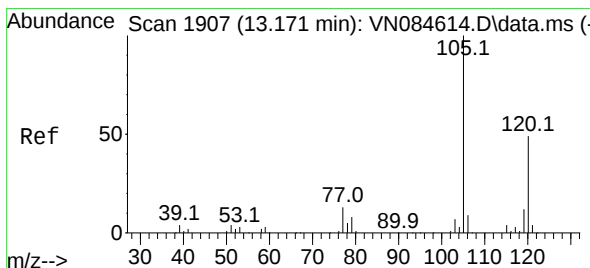
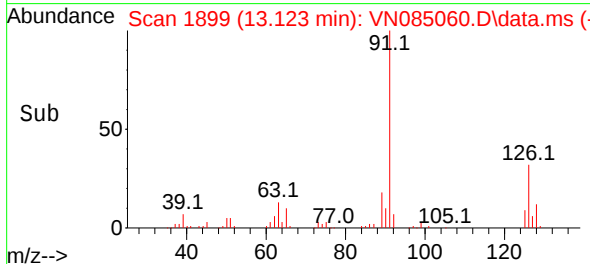
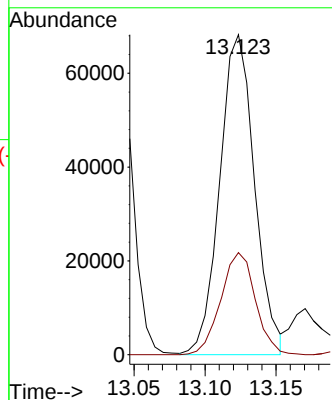
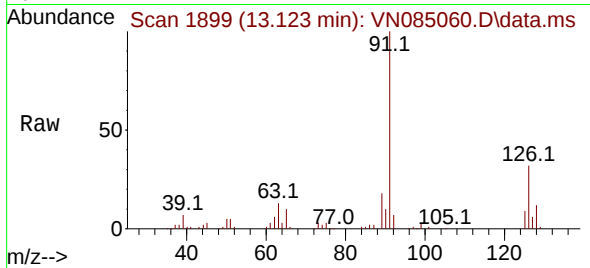
VSTDCCC020EC

Tgt Ion: 91 Resp: 116370
Ion Ratio Lower Upper
91 100
126 31.7 0.0 60.8

Manual Integrations

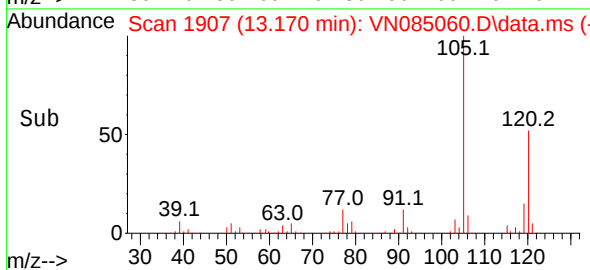
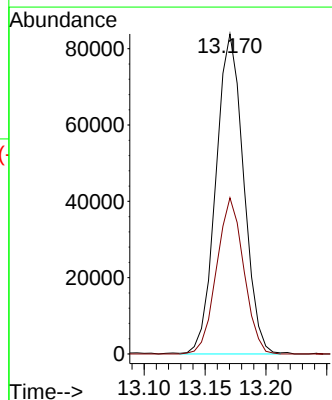
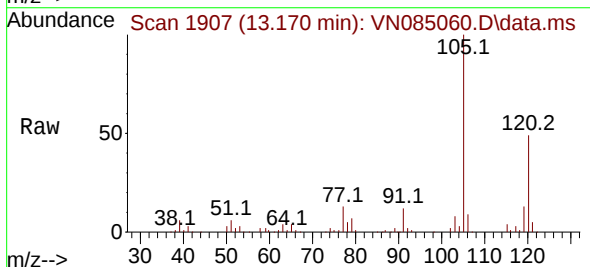
APPROVED

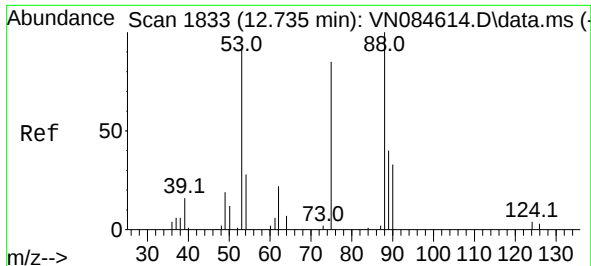
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#76
1,3,5-Trimethylbenzene
Concen: 20.521 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

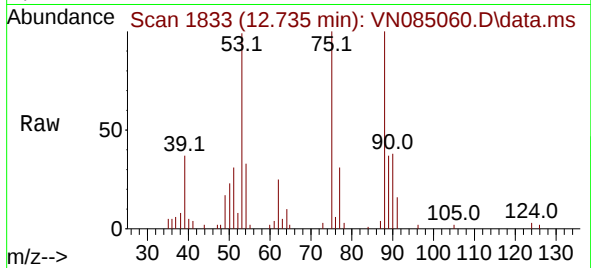
Tgt Ion:105 Resp: 132713
Ion Ratio Lower Upper
105 100
120 47.8 0.0 96.8





#77
t-1,4-Dichloro-2-butene
Concen: 20.968 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

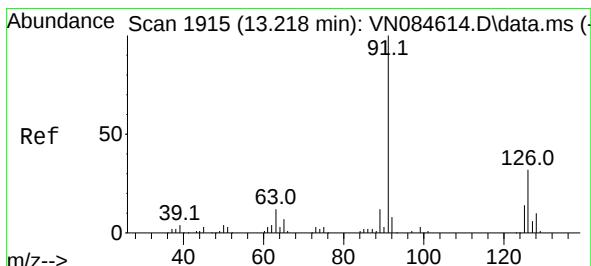
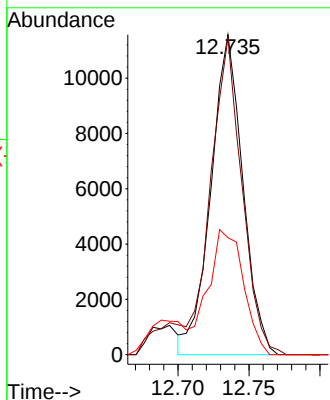
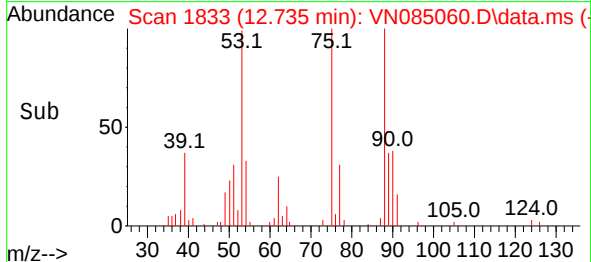
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 18010
Ion Ratio Lower Upper
75 100
53 97.5 52.4 157.2
89 36.5 26.0 78.0

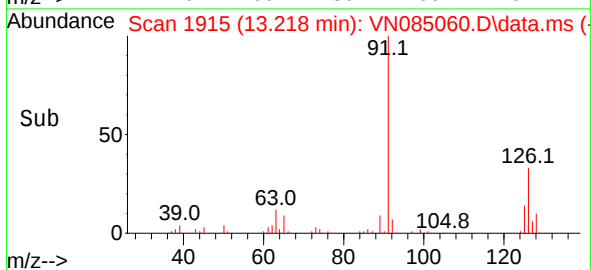
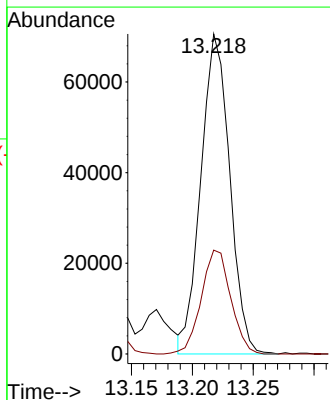
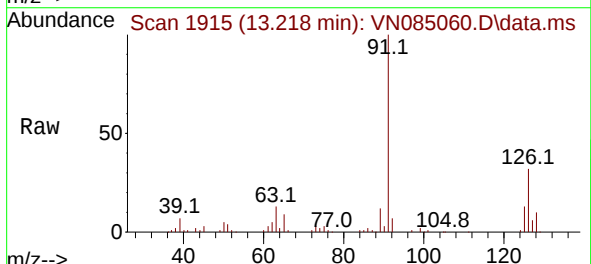
Manual Integrations
APPROVED

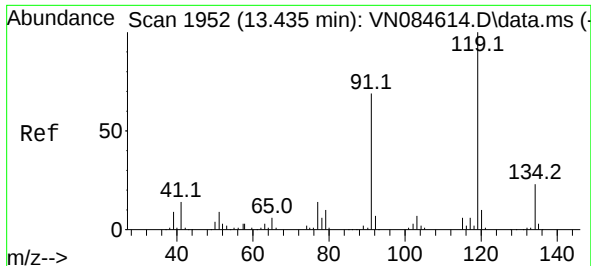
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#78
4-Chlorotoluene
Concen: 19.971 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

Tgt Ion: 91 Resp: 116306
Ion Ratio Lower Upper
91 100
126 33.2 0.0 63.4





#79

tert-butylbenzene

Concen: 20.176 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN085060.D

Acq: 27 Nov 2024 16:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:119 Resp: 10790

Ion Ratio Lower Upper

119 100

91 71.3 0.0 143.2

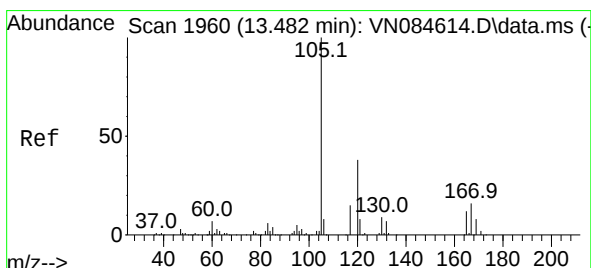
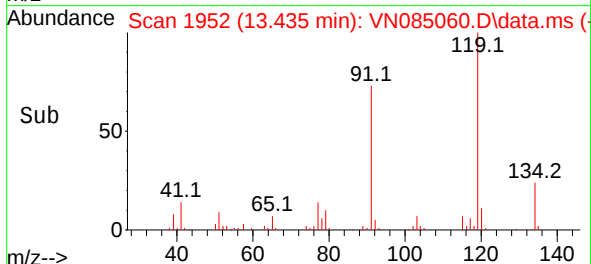
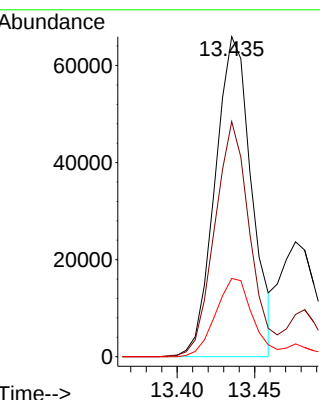
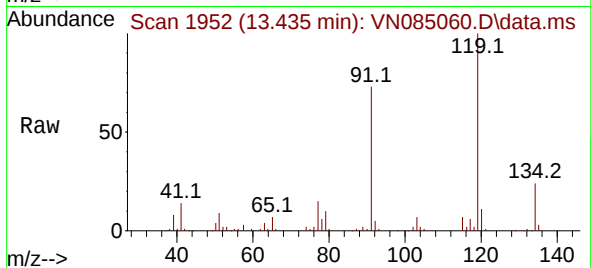
134 24.8 0.0 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#80

1,2,4-Trimethylbenzene

Concen: 20.714 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN085060.D

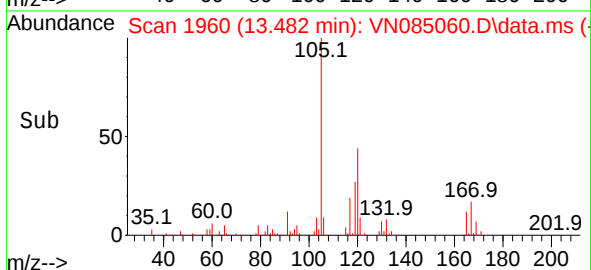
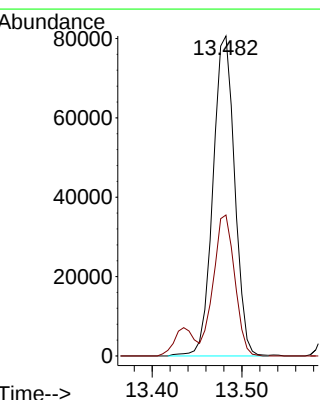
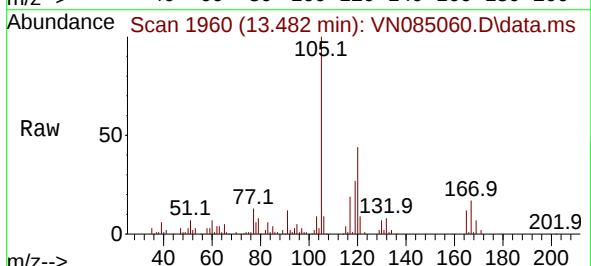
Acq: 27 Nov 2024 16:12

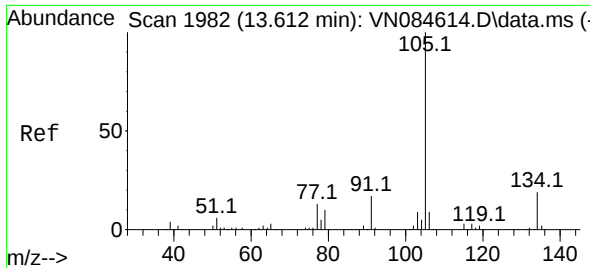
Tgt Ion:105 Resp: 135150

Ion Ratio Lower Upper

105 100

120 43.2 0.0 90.4





#81
 sec-Butylbenzene
 Concen: 20.585 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085060.D
 Acq: 27 Nov 2024 16:12

Instrument :

MSVOA_N

ClientSampleId :

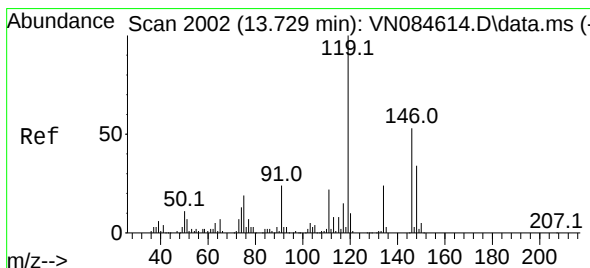
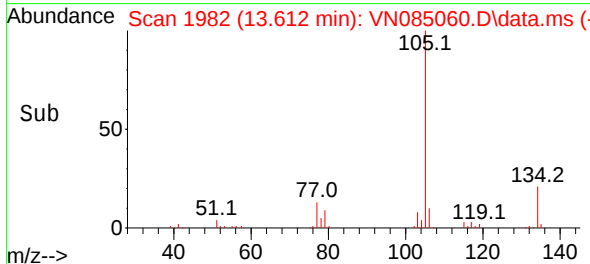
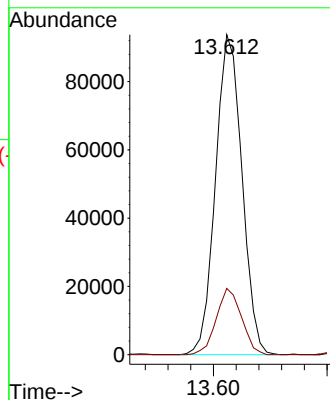
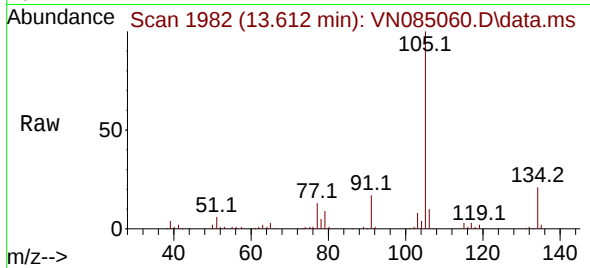
VSTDCCC020EC

Tgt Ion:105 Resp: 151702
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 39.0

Manual Integrations

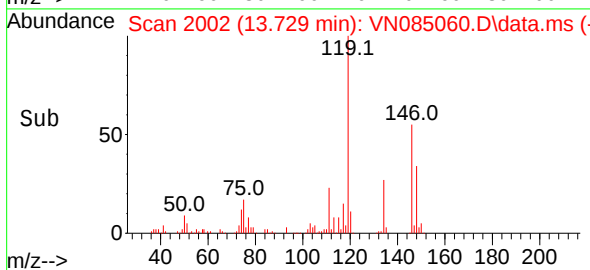
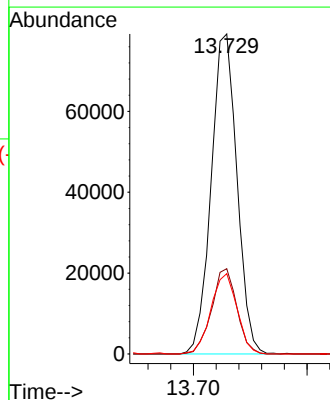
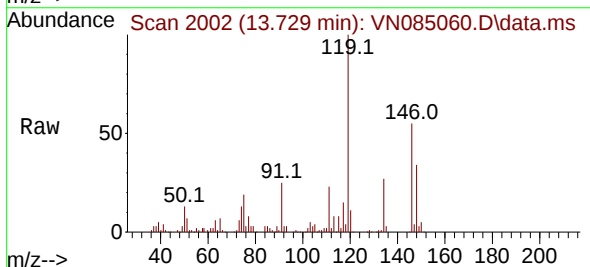
APPROVED

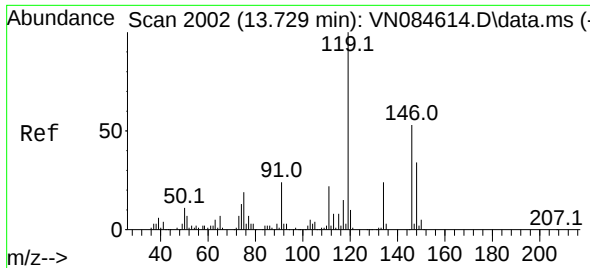
Reviewed By :John Carlone 12/02/2024
 Supervised By :Mahesh Dadoda 12/02/2024



#82
 p-Isopropyltoluene
 Concen: 20.168 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN085060.D
 Acq: 27 Nov 2024 16:12

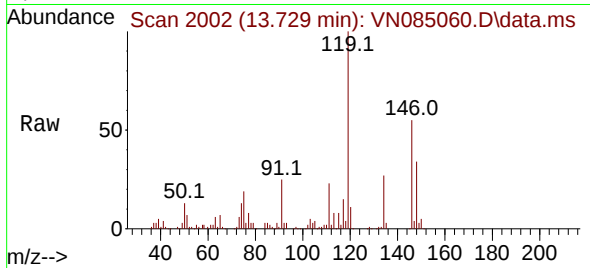
Tgt Ion:119 Resp: 124888
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 51.4
 91 25.4 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 19.961 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

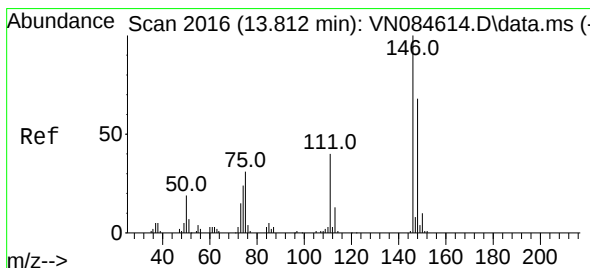
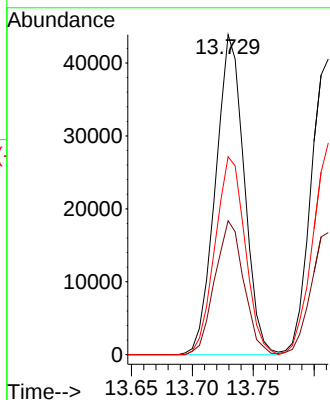
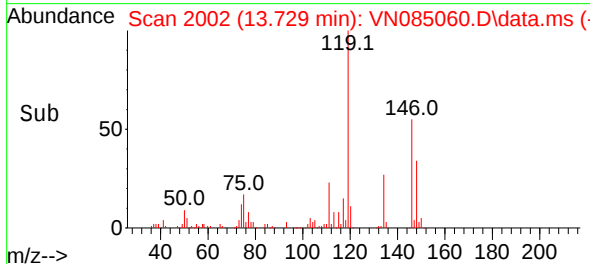
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:146 Resp: 72070
Ion Ratio Lower Upper
146 100
111 42.3 21.0 63.0
148 64.7 31.3 93.8

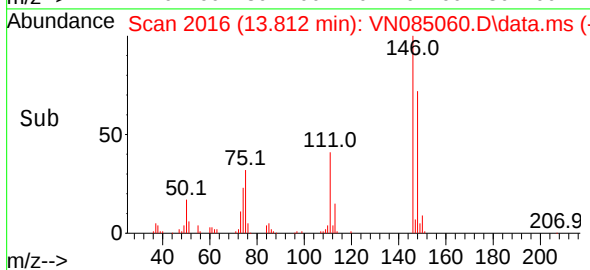
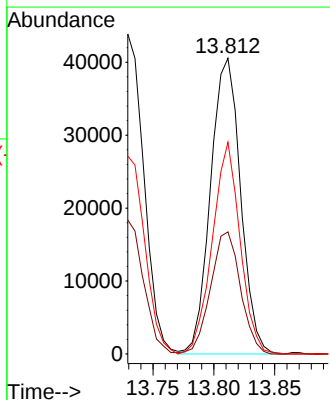
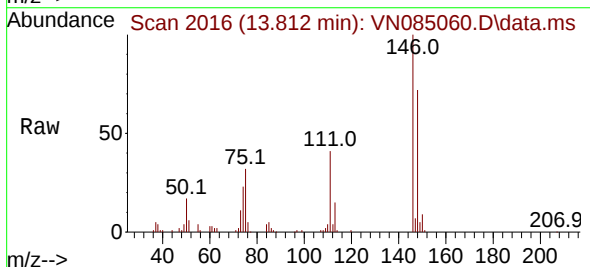
Manual Integrations
APPROVED

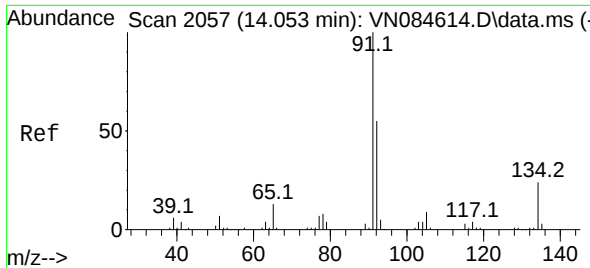
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#84
1,4-Dichlorobenzene
Concen: 19.514 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

Tgt Ion:146 Resp: 69620
Ion Ratio Lower Upper
146 100
111 41.1 20.2 60.5
148 66.2 32.6 98.0





#85
n-Butylbenzene
Concen: 19.614 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

Instrument :

MSVOA_N

ClientSampleId :

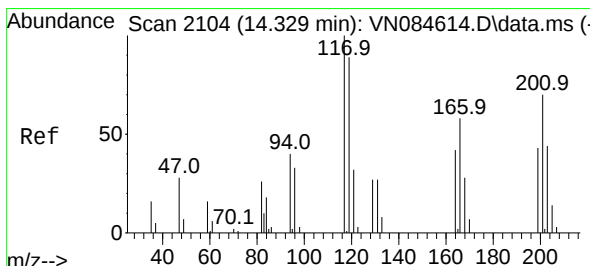
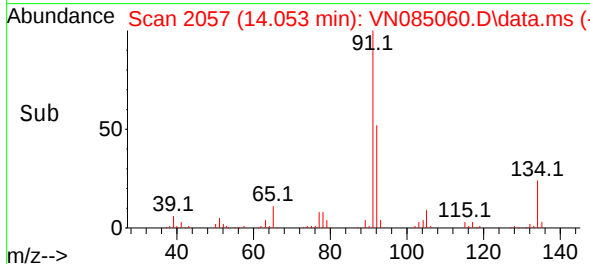
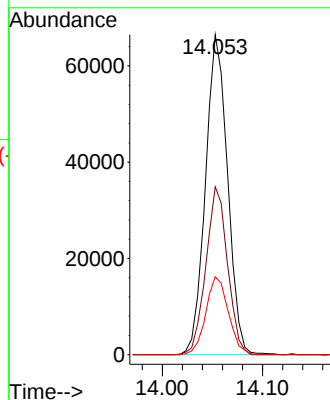
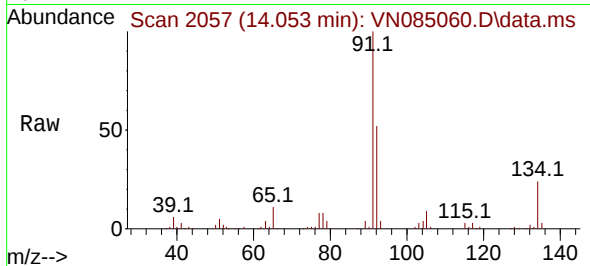
VSTDCCC020EC

Tgt Ion: 91 Resp: 10200
Ion Ratio Lower Upper
91 100
92 51.3 0.0 106.2
134 24.8 0.0 48.2

Manual Integrations

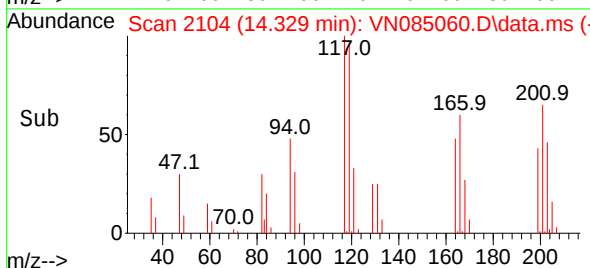
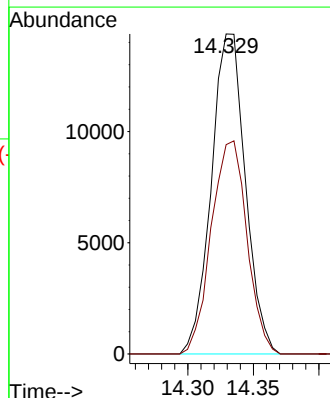
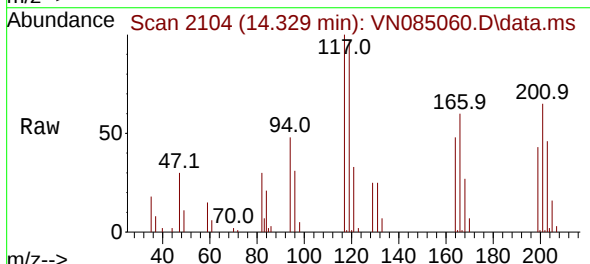
APPROVED

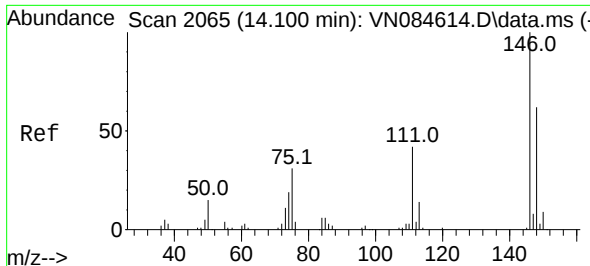
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#86
Hexachloroethane
Concen: 20.542 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

Tgt Ion:117 Resp: 26015
Ion Ratio Lower Upper
117 100
201 69.5 34.4 103.3





#87

1,2-Dichlorobenzene

Concen: 19.956 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VN085060.D

Acq: 27 Nov 2024 16:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

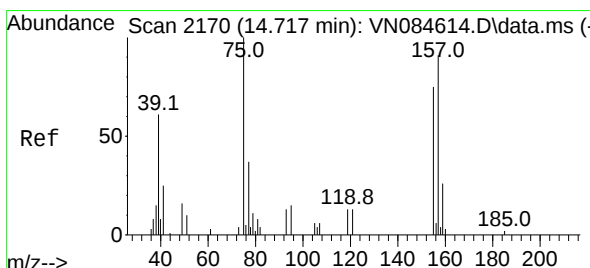
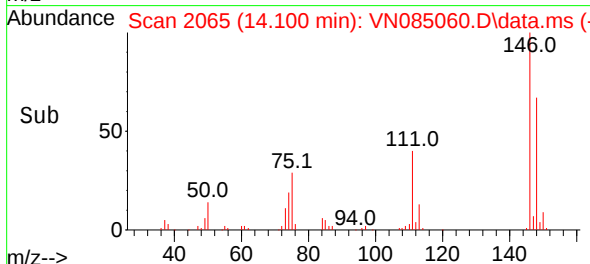
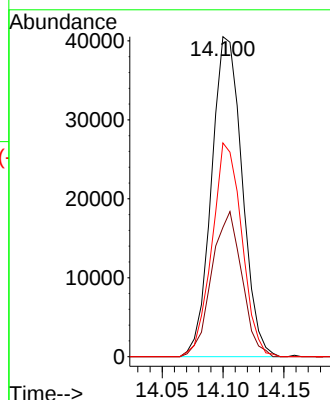
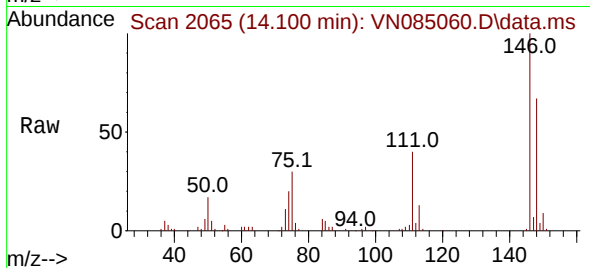
Tgt Ion:146	Resp:	7100
Ion Ratio	Lower	Upper
146	100	
111	44.6	22.4 67.0
148	65.1	32.6 98.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.858 ug/l

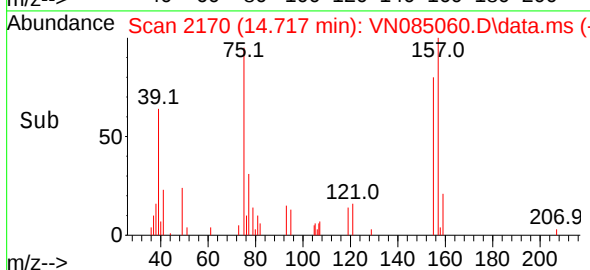
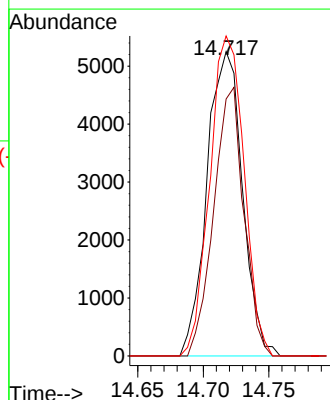
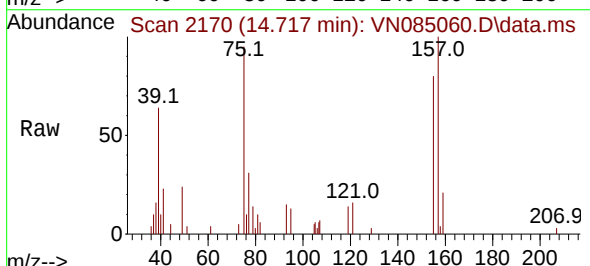
RT: 14.717 min Scan# 2170

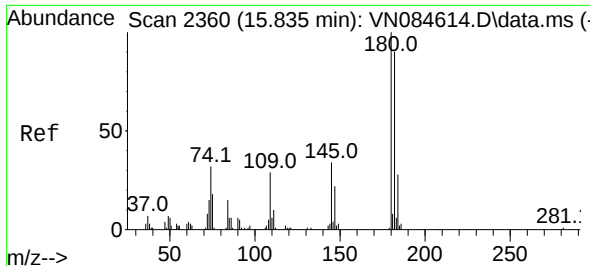
Delta R.T. -0.000 min

Lab File: VN085060.D

Acq: 27 Nov 2024 16:12

Tgt Ion: 75	Resp:	9874
Ion Ratio	Lower	Upper
75	100	
155	75.2	61.8 92.6
157	101.5	74.7 112.1





#89

1,2,4-Trichlorobenzene

Concen: 18.991 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085060.D

Acq: 27 Nov 2024 16:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:180 Resp: 32898

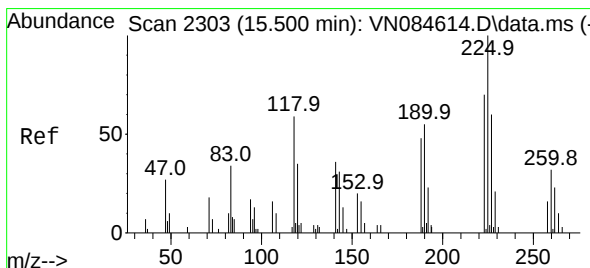
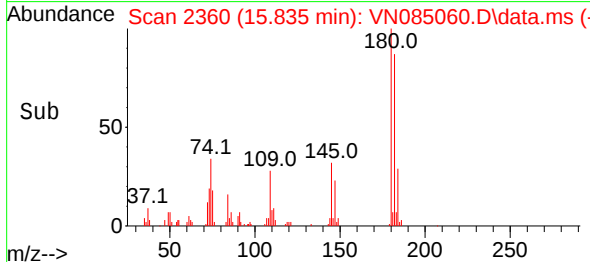
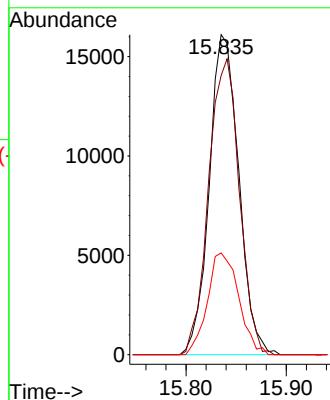
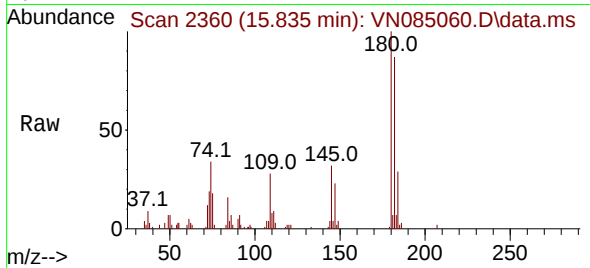
Ion	Ratio	Lower	Upper
180	100		
182	96.3	73.0	109.6
145	33.7	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#90

Hexachlorobutadiene

Concen: 22.331 ug/l

RT: 15.500 min Scan# 2303

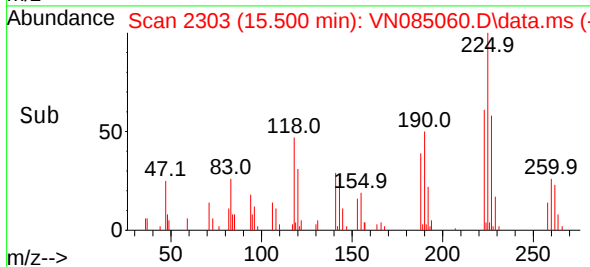
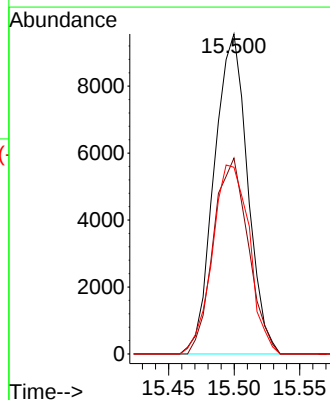
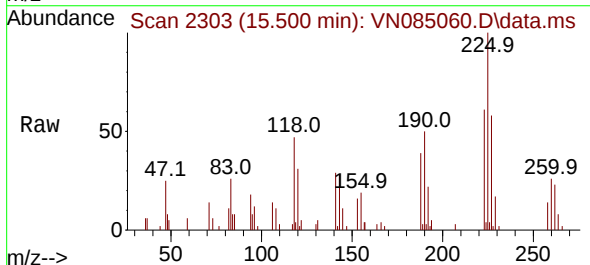
Delta R.T. -0.000 min

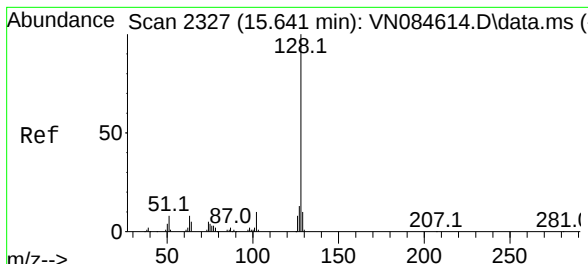
Lab File: VN085060.D

Acq: 27 Nov 2024 16:12

Tgt Ion:225 Resp: 16898

Ion	Ratio	Lower	Upper
225	100		
223	64.0	0.0	138.8
227	65.2	0.0	123.2





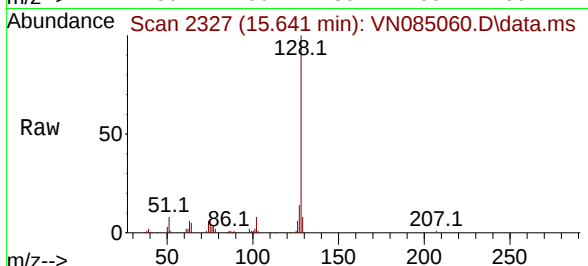
#91
Naphthalene
Concen: 17.016 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



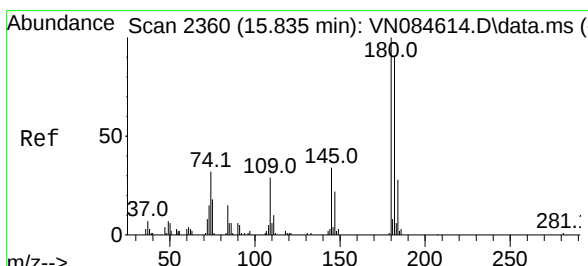
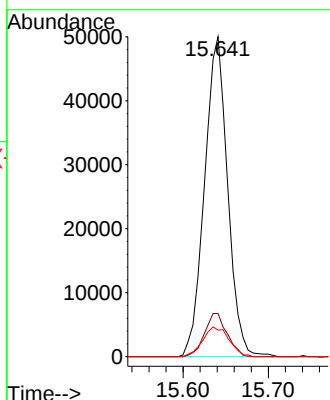
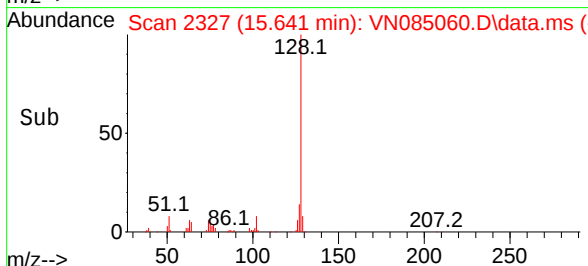
Tgt Ion:	128	Resp:	94140
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.3	15.5
129	10.5	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#92
1,2,3-Trichlorobenzene
Concen: 18.991 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN085060.D
Acq: 27 Nov 2024 16:12

Tgt Ion:	180	Resp:	32898
Ion Ratio	Lower	Upper	
180	100		
182	96.3	0.0	182.6
145	33.7	0.0	66.2

