

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123024\
 Data File : VN085353.D
 Acq On : 30 Dec 2024 18:26
 Operator : JC\MD
 Sample : VN1230MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1230MBS01

Quant Time: Dec 31 02:17:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/31/2024
 Supervised By : Mahesh Dadoda 12/31/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	157668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	285059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	248995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118963	52.901	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.800%			
35) Dibromofluoromethane	8.165	113	89621	50.396	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.800%			
50) Toluene-d8	10.565	98	331534	50.804	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.600%			
62) 4-Bromofluorobenzene	12.847	95	107961	49.814	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.620%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	43498	20.399	ug/l	98
3) Chloromethane	2.359	50	44468	18.555	ug/l	98
4) Vinyl Chloride	2.512	62	44860	17.699	ug/l	95
5) Bromomethane	2.959	94	26784	16.158	ug/l	97
6) Chloroethane	3.118	64	29037	18.065	ug/l	89
7) Trichlorofluoromethane	3.500	101	61891	18.576	ug/l	99
8) Diethyl Ether	3.965	74	21242	19.255	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.365	101	34933	18.426	ug/l	98
10) Methyl Iodide	4.589	142	39618	18.058	ug/l	96
11) Tert butyl alcohol	5.524	59	27757	98.570	ug/l #	87
12) 1,1-Dichloroethene	4.342	96	32824	18.734	ug/l	94
13) Acrolein	4.183	56	53567	122.013	ug/l	99
14) Allyl chloride	5.018	41	48751	17.385	ug/l	96
15) Acrylonitrile	5.724	53	92851	104.764	ug/l	97
16) Acetone	4.424	43	77360	104.616	ug/l	95
17) Carbon Disulfide	4.712	76	92340	17.324	ug/l	99
18) Methyl Acetate	5.030	43	49140	21.706	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	104858	18.413	ug/l	96
20) Methylene Chloride	5.277	84	38809	19.512	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	34375	18.781	ug/l	83
22) Diisopropyl ether	6.671	45	122725	20.309	ug/l	98
23) Vinyl Acetate	6.606	43	440017	100.657	ug/l	99
24) 1,1-Dichloroethane	6.571	63	71191	19.558	ug/l	100
25) 2-Butanone	7.482	43	121446	105.863	ug/l	95
26) 2,2-Dichloropropane	7.488	77	54158	16.982	ug/l	96
27) cis-1,2-Dichloroethene	7.482	96	40426	18.819	ug/l	97
28) Bromochloromethane	7.812	49	36323	21.473	ug/l #	99
29) Tetrahydrofuran	7.835	42	81707	110.569	ug/l	96
30) Chloroform	7.965	83	72806	19.551	ug/l	99
31) Cyclohexane	8.253	56	58323	17.547	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	62283	18.727	ug/l	97
36) 1,1-Dichloropropene	8.371	75	47097	18.088	ug/l	96
37) Ethyl Acetate	7.559	43	52829	20.413	ug/l	99
38) Carbon Tetrachloride	8.359	117	54384	19.162	ug/l	95
39) Methylcyclohexane	9.600	83	45952	17.010	ug/l	96
40) Benzene	8.606	78	155501	19.753	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	27426	20.692	ug/l	97
42) 1,2-Dichloroethane	8.671	62	56593	20.051	ug/l	99
43) Isopropyl Acetate	8.688	43	86193	20.226	ug/l	98
44) Trichloroethene	9.353	130	34689	18.612	ug/l	98
45) 1,2-Dichloropropane	9.618	63	39047	19.539	ug/l	99
46) Dibromomethane	9.706	93	27474	19.767	ug/l	99
47) Bromodichloromethane	9.888	83	57182	19.795	ug/l	98
48) Methyl methacrylate	9.682	41	38630	20.891	ug/l	97
49) 1,4-Dioxane	9.694	88	12486	447.545	ug/l	93
51) 4-Methyl-2-Pentanone	10.441	43	264213	110.329	ug/l	98
52) Toluene	10.629	92	94058	20.066	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	52068	18.328	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	58241	18.959	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	35713	20.180	ug/l	96
56) Ethyl methacrylate	10.871	69	52099	20.213	ug/l	96
57) 1,3-Dichloropropane	11.165	76	62874	20.242	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	103358	82.883	ug/l	97
59) 2-Hexanone	11.194	43	183989	110.736	ug/l	98
60) Dibromochloromethane	11.359	129	40751	20.444	ug/l	99
61) 1,2-Dibromoethane	11.465	107	35164	20.083	ug/l	98
64) Tetrachloroethene	11.100	164	29702	18.826	ug/l	94
65) Chlorobenzene	11.888	112	99514	18.494	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	35478	19.646	ug/l	99
67) Ethyl Benzene	11.965	91	163432	18.264	ug/l	98
68) m/p-Xylenes	12.070	106	126796	38.719	ug/l	99
69) o-Xylene	12.400	106	59452	18.767	ug/l	98
70) Styrene	12.406	104	100206	19.517	ug/l	99
71) Bromoform	12.576	173	26066	20.839	ug/l #	98
73) Isopropylbenzene	12.694	105	150169	18.722	ug/l	99
74) N-ethyl acetate	12.494	43	70494	20.533	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	52062	20.380	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	43332m	20.804	ug/l	
77) Bromobenzene	12.976	156	35952	18.092	ug/l	95
78) n-propylbenzene	13.035	91	180489	19.305	ug/l	99
79) 2-Chlorotoluene	13.123	91	113705	19.324	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	126244	19.459	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	16477	18.945	ug/l	86
82) 4-Chlorotoluene	13.223	91	111549	18.823	ug/l	98
83) tert-Butylbenzene	13.435	119	104535	18.601	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	125036	19.355	ug/l	100
85) sec-Butylbenzene	13.617	105	144791	18.561	ug/l	100
86) p-Isopropyltoluene	13.729	119	116137	17.433	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	66647	18.500	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	66551	17.985	ug/l	98
89) n-Butylbenzene	14.053	91	94303	16.508	ug/l	97
90) Hexachloroethane	14.335	117	24948	19.511	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	63864	18.610	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8645	19.015	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	27481	16.045	ug/l	99
94) Hexachlorobutadiene	15.500	225	13389	15.734	ug/l	98
95) Naphthalene	15.641	128	82353	14.180	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	27348	15.981	ug/l	100

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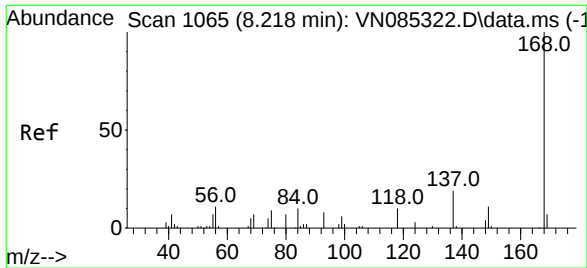
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/31/2024

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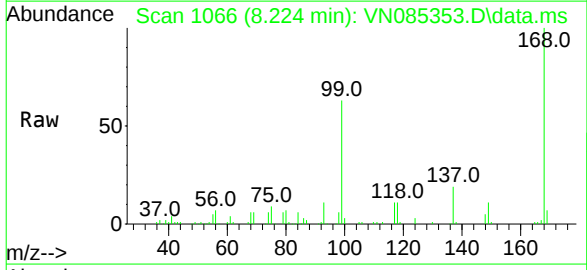
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
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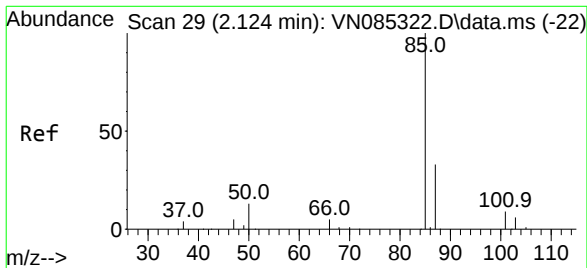
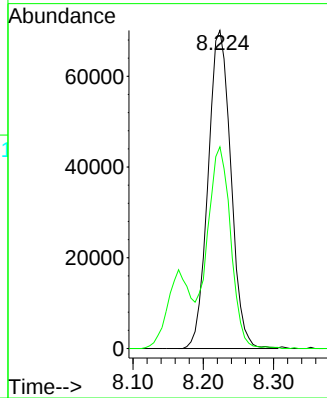
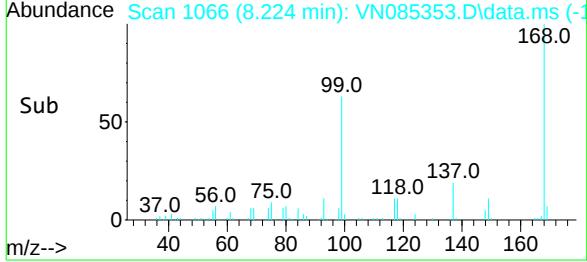
Instrument :
MSVOA_N
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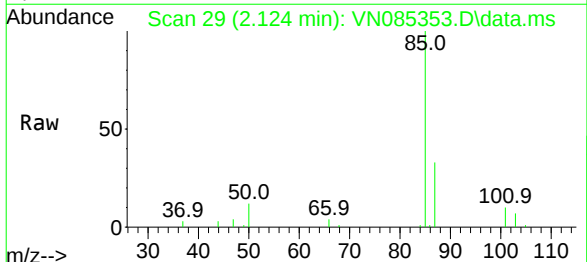
Tgt Ion: 168 Resp: 157668
Ion Ratio Lower Upper
168 100
99 63.1 51.0 76.4

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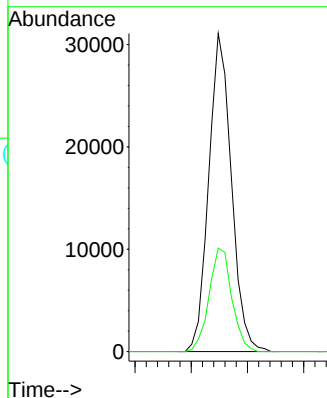
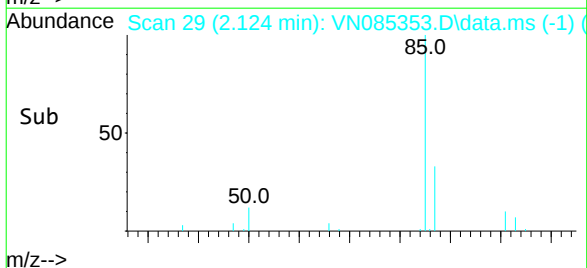
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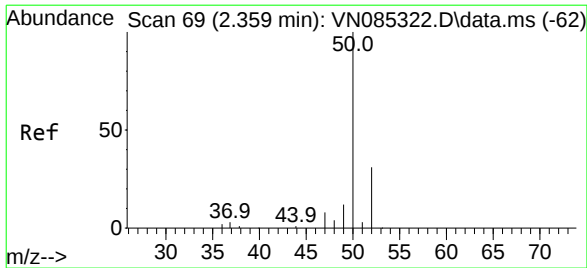


#2
Dichlorodifluoromethane
Concen: 20.399 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26



Tgt Ion: 85 Resp: 43498
Ion Ratio Lower Upper
85 100
87 32.5 16.8 50.3





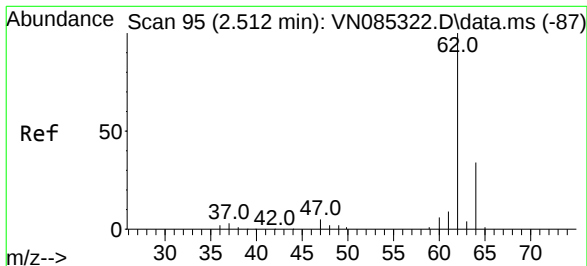
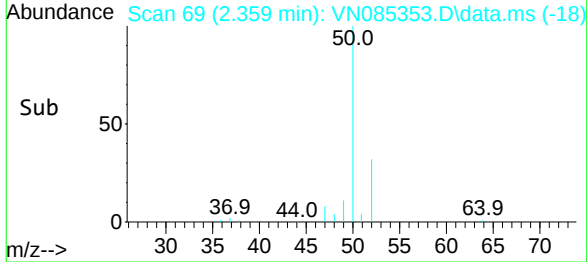
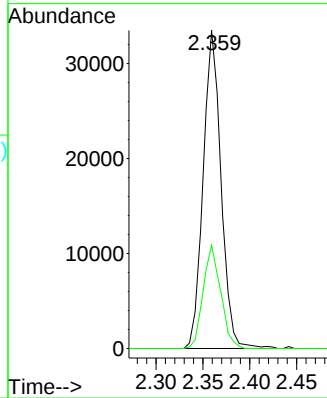
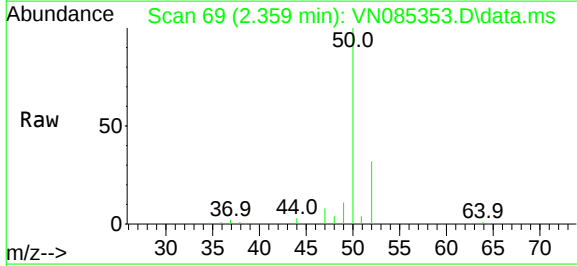
#3
Chloromethane
Concen: 18.555 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

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ClientSampleId :
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Tgt Ion: 50 Resp: 44468
Ion Ratio Lower Upper
50 100
52 32.4 25.1 37.7

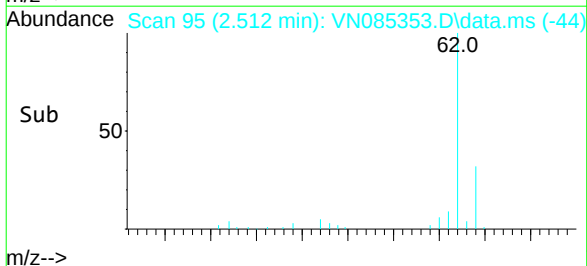
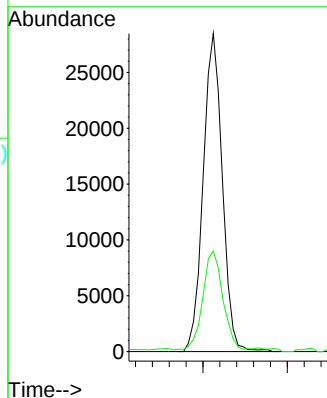
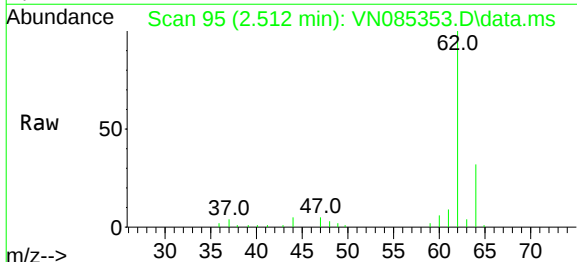
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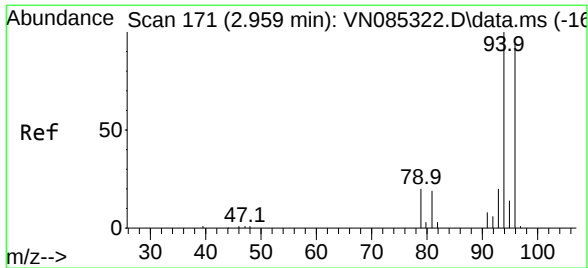
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#4
Vinyl Chloride
Concen: 17.699 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

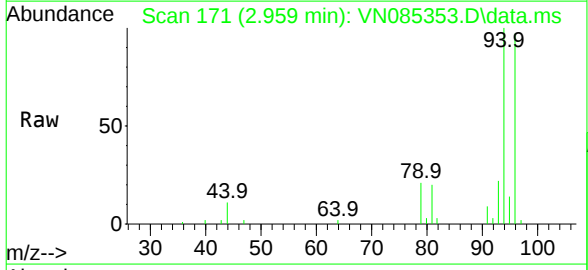
Tgt Ion: 62 Resp: 44860
Ion Ratio Lower Upper
62 100
64 30.9 27.0 40.6





#5
Bromomethane
Concen: 16.158 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN085353.D
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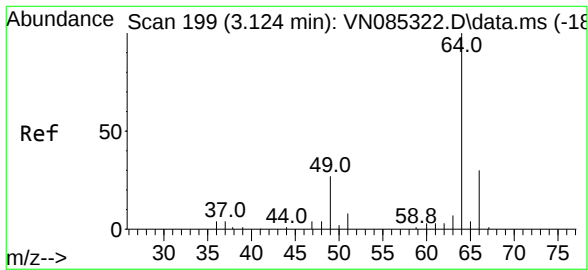
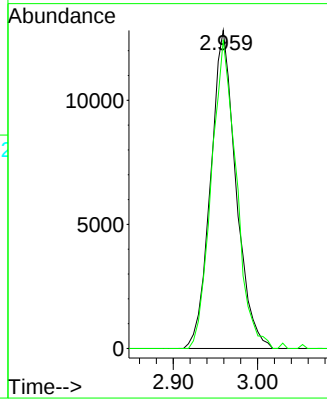
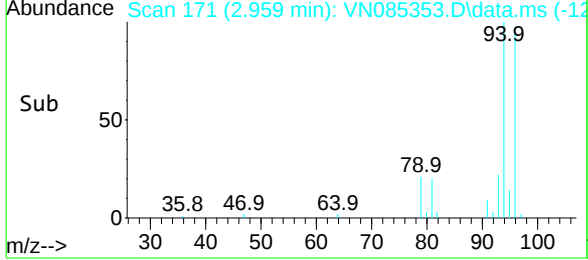
Instrument :
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Tgt Ion: 94 Resp: 26784
Ion Ratio Lower Upper
94 100
96 97.1 75.2 112.8

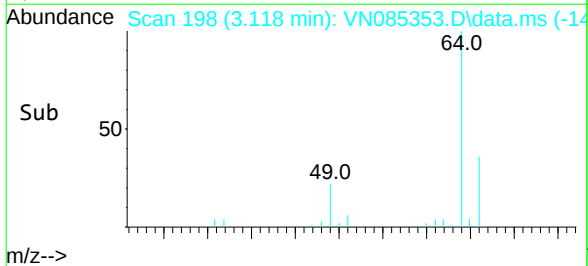
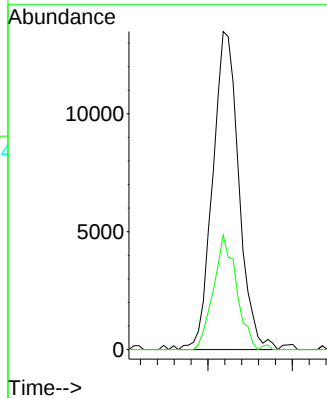
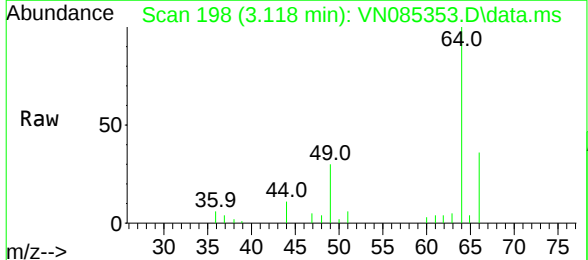
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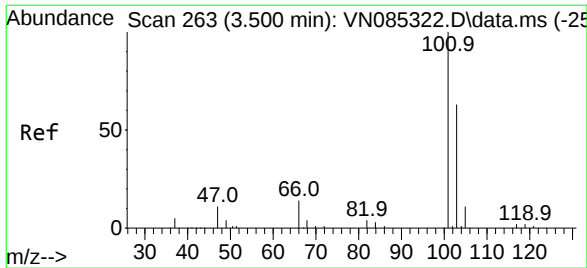
Reviewed By :John Carlone 12/31/2024
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#6
Chloroethane
Concen: 18.065 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
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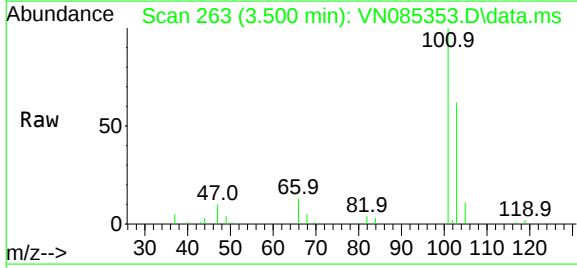
Tgt Ion: 64 Resp: 29037
Ion Ratio Lower Upper
64 100
66 36.0 24.1 36.1





#7
 Trichlorofluoromethane
 Concen: 18.576 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN085353.D
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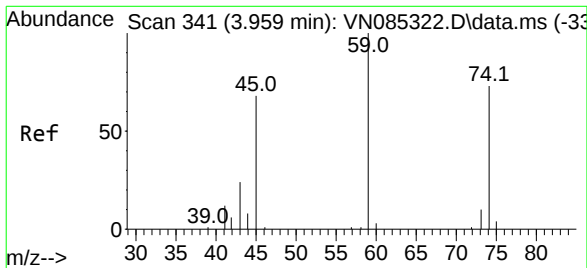
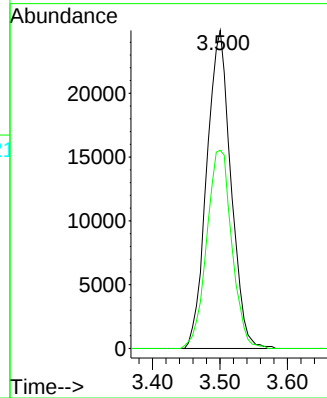
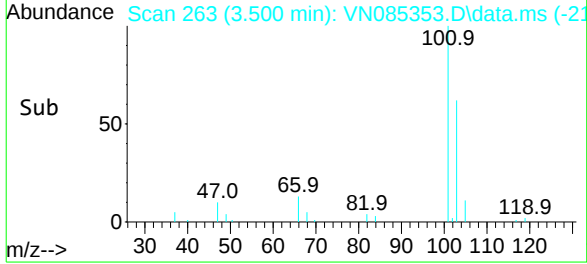
Instrument :
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Tgt Ion:101 Resp: 61891
 Ion Ratio Lower Upper
 101 100
 103 62.3 50.3 75.5

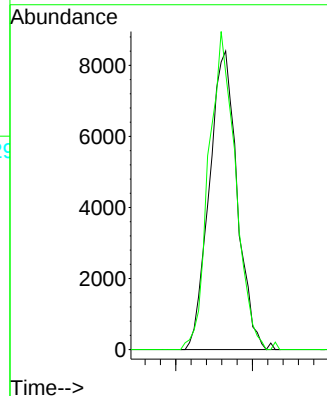
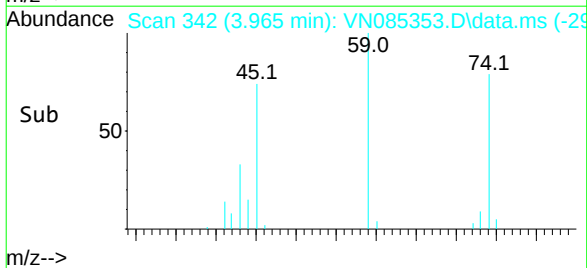
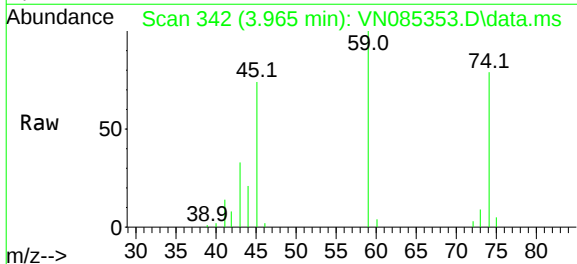
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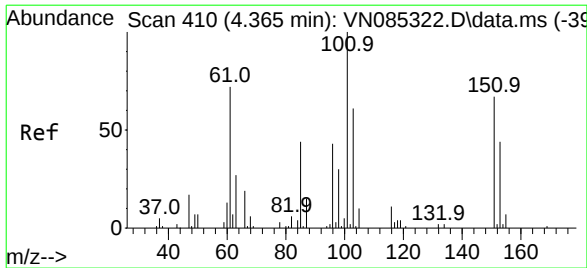
Reviewed By :John Carlone 12/31/2024
 Supervised By :Mahesh Dadoda 12/31/2024



#8
 Diethyl Ether
 Concen: 19.255 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 21242
 Ion Ratio Lower Upper
 74 100
 45 101.8 47.5 142.6





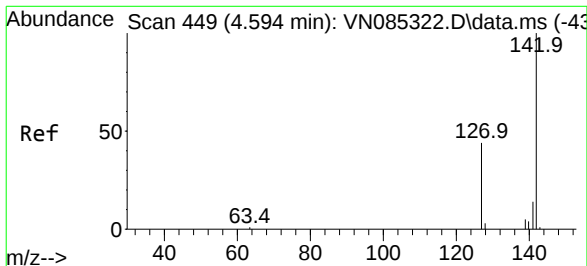
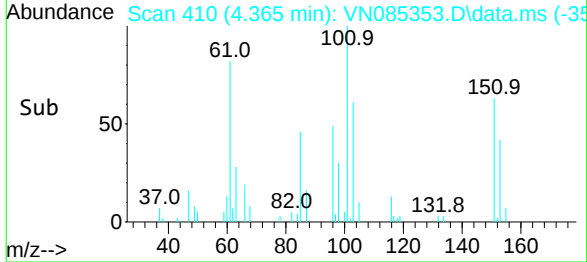
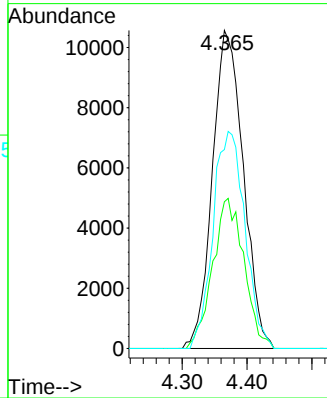
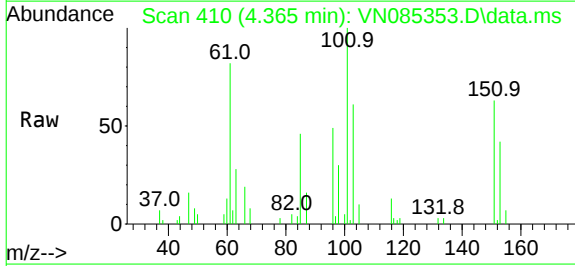
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.426 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS01

Tgt Ion:	101	Resp:	34933
Ion Ratio	Lower	Upper	
101	100		
85	47.9	36.2	54.4
151	70.8	55.8	83.6

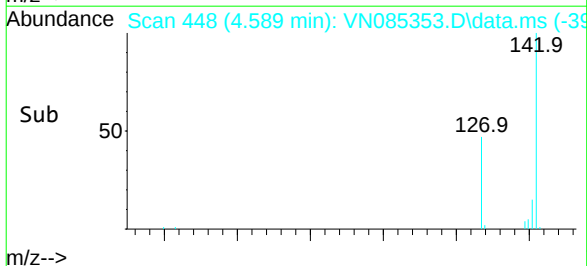
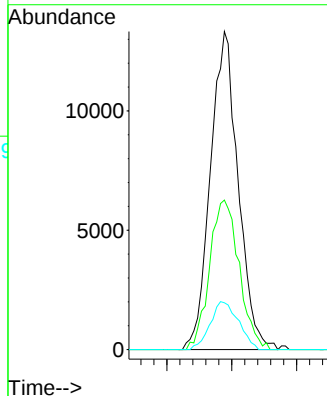
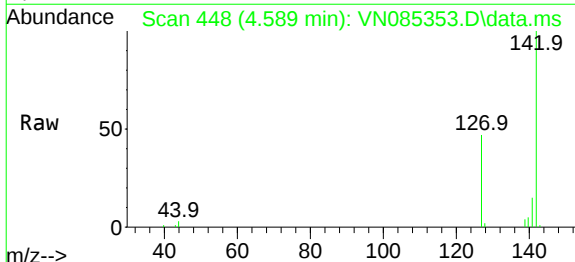
Manual Integrations
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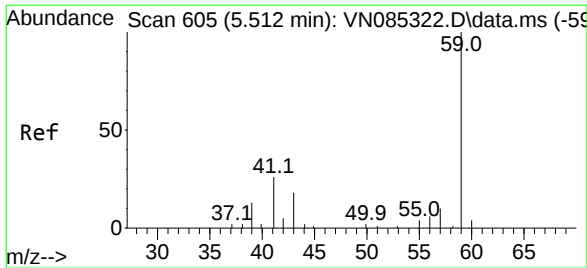
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#10
Methyl Iodide
Concen: 18.058 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Tgt Ion:	142	Resp:	39618
Ion Ratio	Lower	Upper	
142	100		
127	47.0	35.3	52.9
141	14.7	11.5	17.3





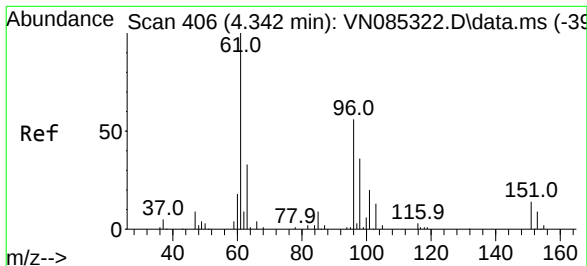
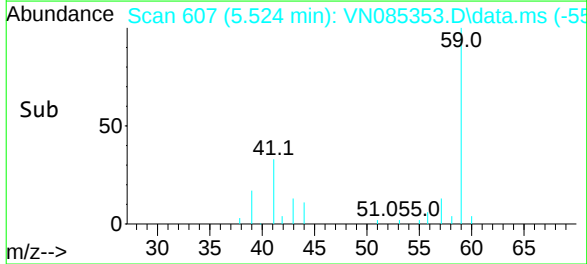
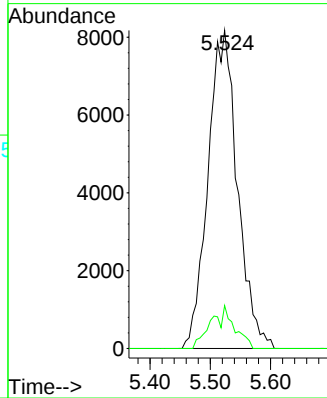
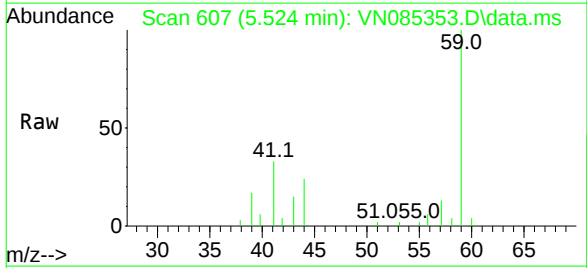
#11
Tert butyl alcohol
Concen: 98.570 ug/l
RT: 5.524 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS01

Tgt Ion: 59 Resp: 27757
Ion Ratio Lower Upper
59 100
57 5.4 8.1 12.1#

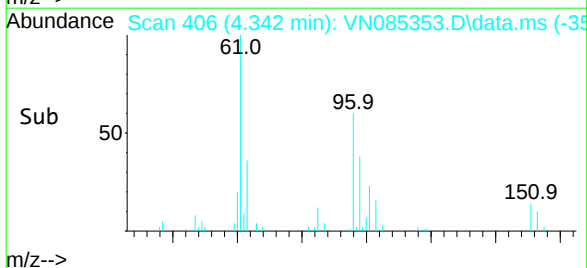
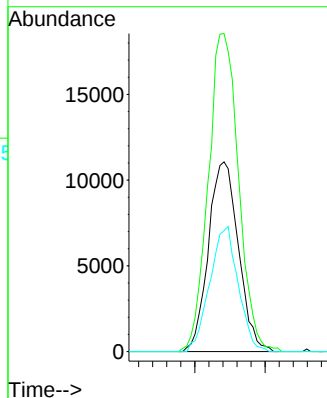
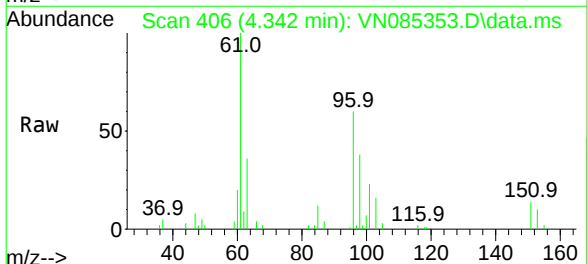
Manual Integrations
APPROVED

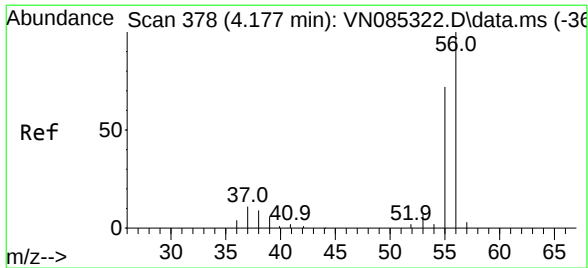
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#12
1,1-Dichloroethene
Concen: 18.734 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Tgt Ion: 96 Resp: 32824
Ion Ratio Lower Upper
96 100
61 167.6 142.4 213.6
98 63.7 51.5 77.3





#13

Acrolein

Concen: 122.013 ug/l

RT: 4.183 min Scan# 37

Delta R.T. 0.006 min

Lab File: VN085353.D

Acq: 30 Dec 2024 18:26

Instrument :

MSVOA_N

ClientSampleId :

VN1230MBS01

Tgt Ion: 56 Resp: 53567

Ion Ratio Lower Upper

56 100

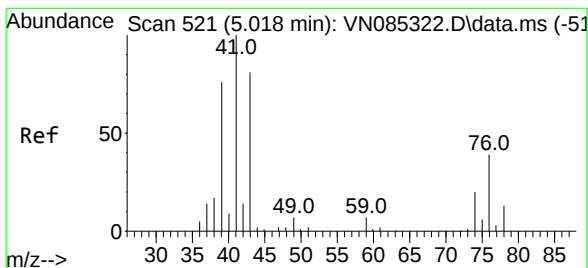
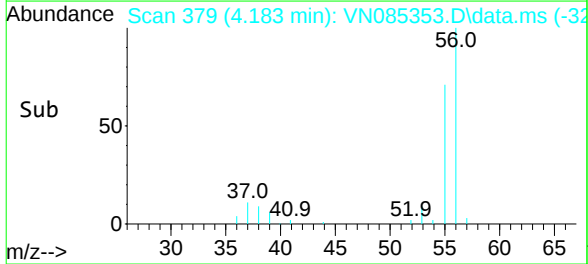
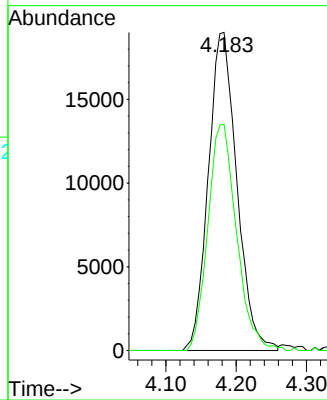
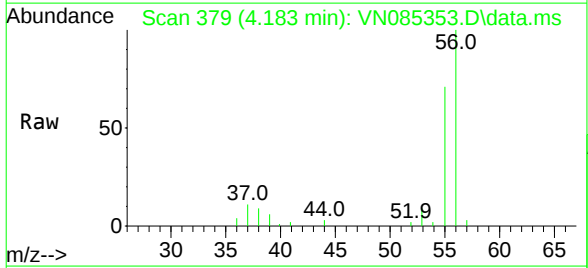
55 71.3 57.5 86.3

Manual Integrations

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Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#14

Allyl chloride

Concen: 17.385 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN085353.D

Acq: 30 Dec 2024 18:26

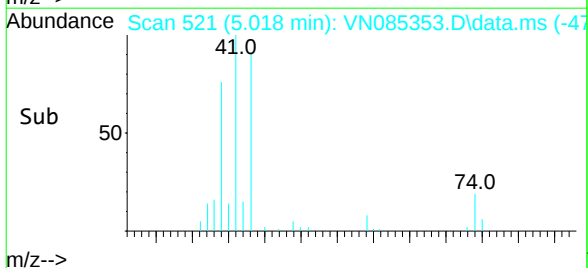
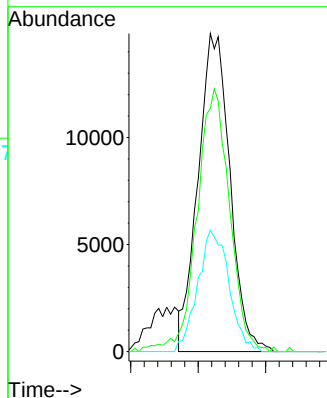
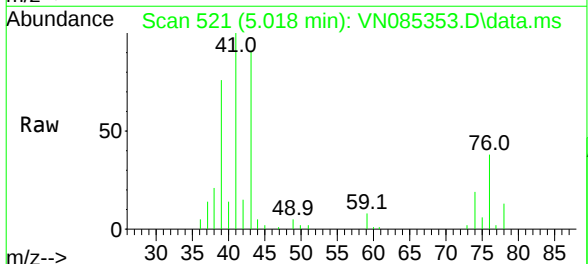
Tgt Ion: 41 Resp: 48751

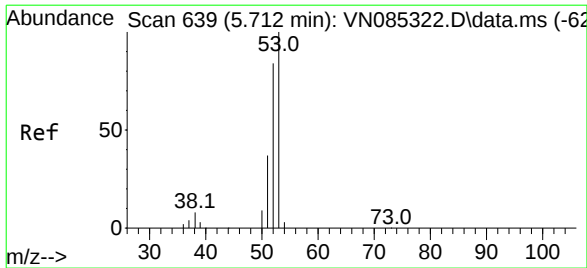
Ion Ratio Lower Upper

41 100

39 84.4 64.4 96.6

76 37.5 31.5 47.3





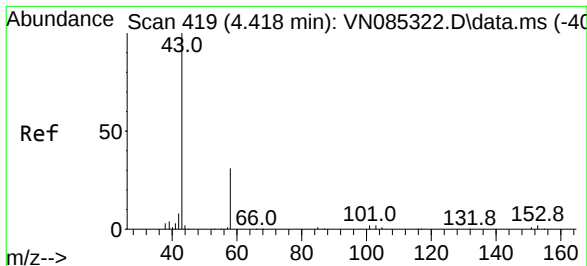
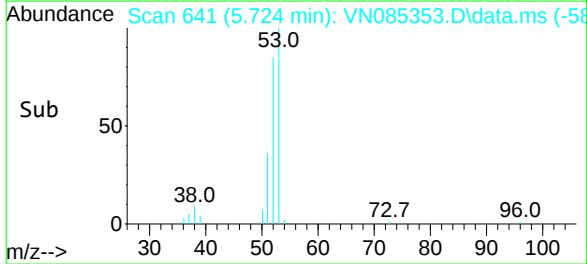
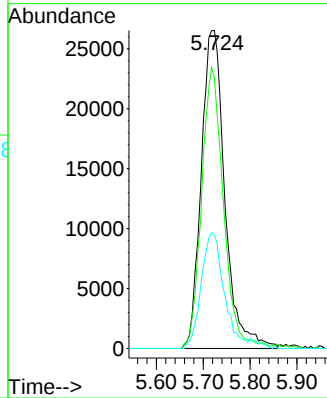
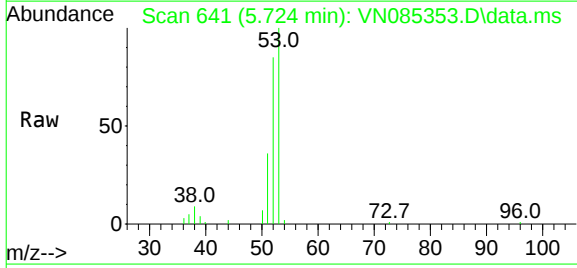
#15
Acrylonitrile
Concen: 104.764 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS01

Tgt Ion:	53	Resp:	92851
Ion	Ratio	Lower	Upper
53	100		
52	81.3	66.6	100.0
51	35.0	29.6	44.4

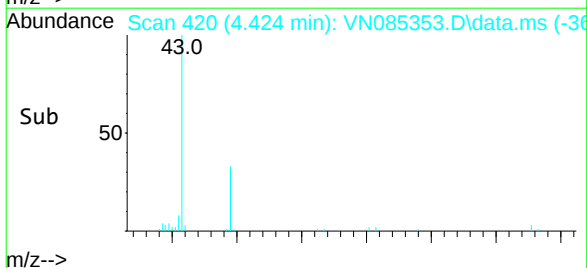
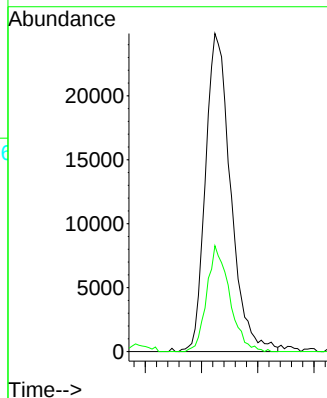
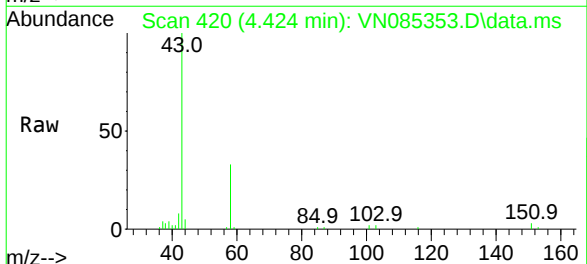
Manual Integrations
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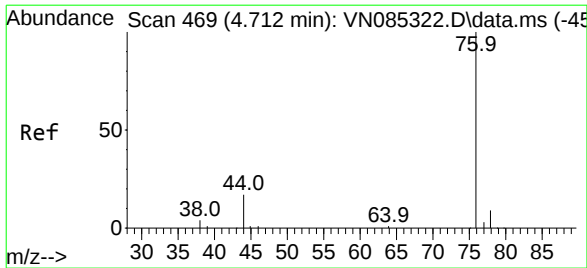
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#16
Acetone
Concen: 104.616 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Tgt Ion:	43	Resp:	77360
Ion	Ratio	Lower	Upper
43	100		
58	33.3	24.5	36.7





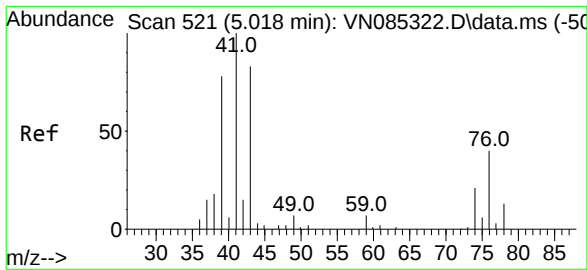
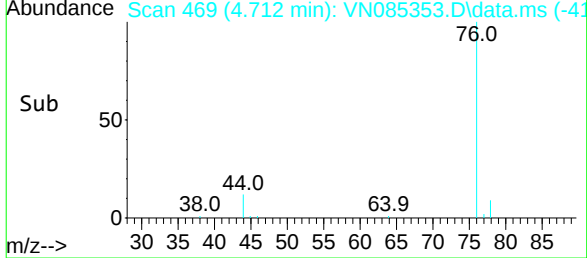
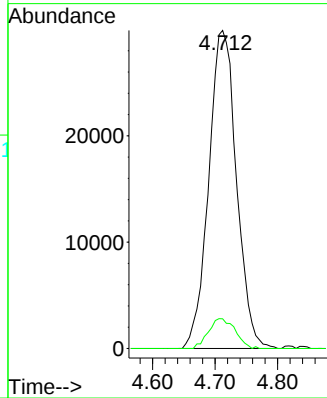
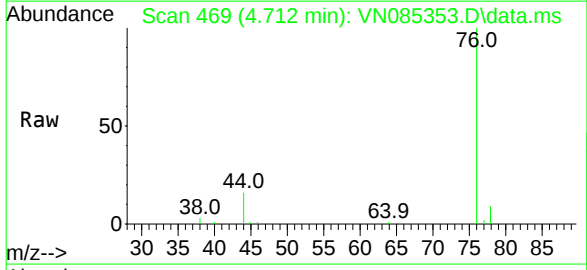
#17
Carbon Disulfide
Concen: 17.324 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS01

Tgt Ion: 76 Resp: 92340
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

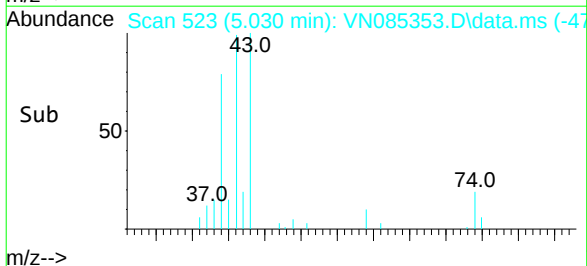
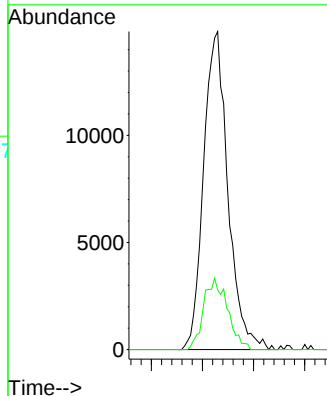
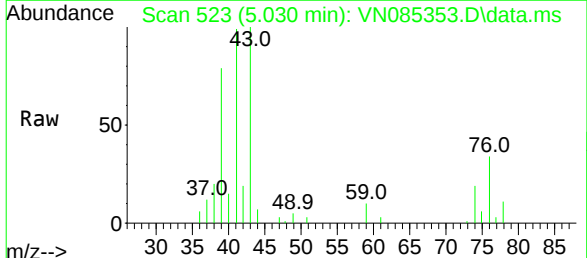
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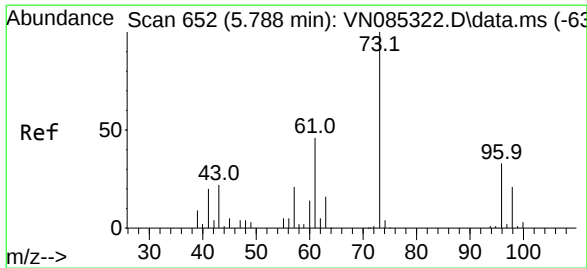
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#18
Methyl Acetate
Concen: 21.706 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Tgt Ion: 43 Resp: 49140
Ion Ratio Lower Upper
43 100
74 22.0 19.0 28.6





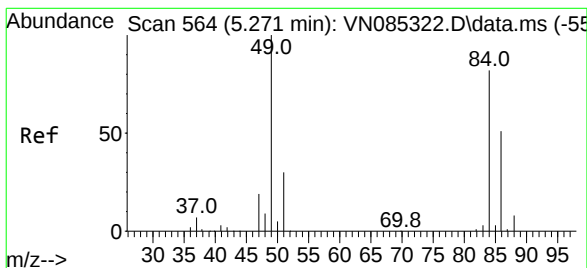
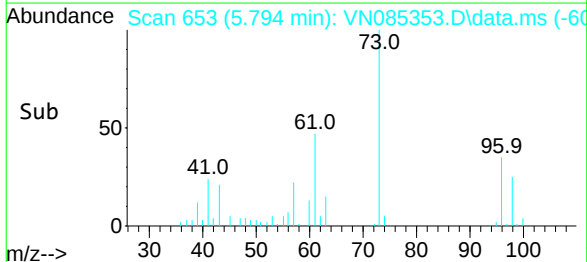
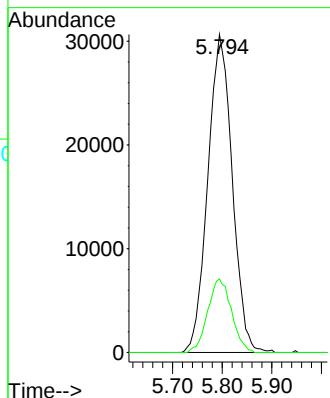
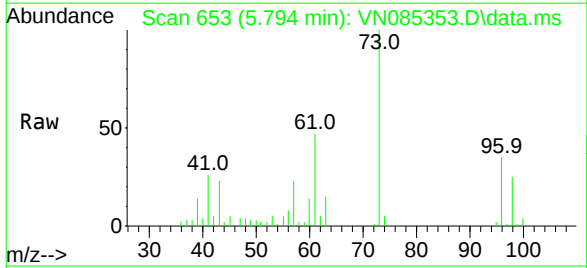
#19
Methyl tert-butyl Ether
Concen: 18.413 ug/l
RT: 5.794 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS01

Tgt Ion: 73 Resp: 104858
Ion Ratio Lower Upper
73 100
57 23.1 17.0 25.6

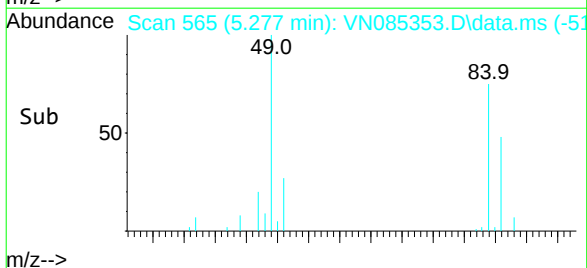
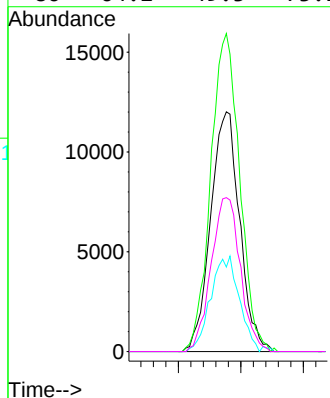
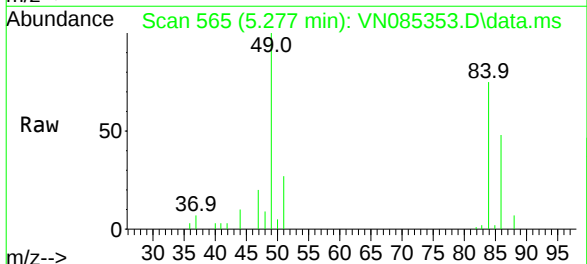
Manual Integrations
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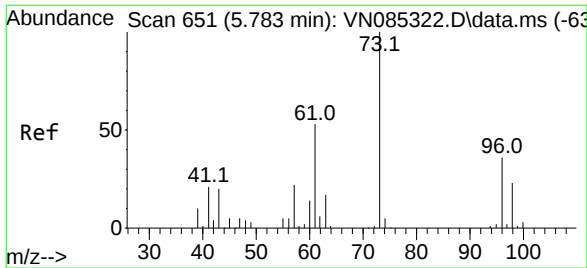
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#20
Methylene Chloride
Concen: 19.512 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

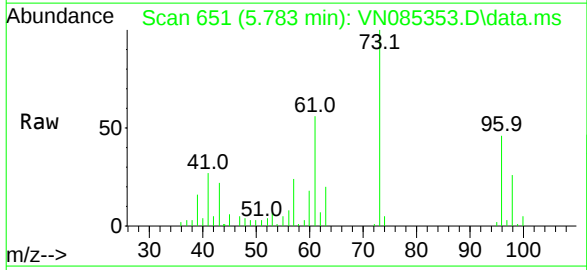
Tgt Ion: 84 Resp: 38809
Ion Ratio Lower Upper
84 100
49 132.7 97.6 146.4
51 35.3 29.1 43.7
86 64.2 49.3 73.9





#21
trans-1,2-Dichloroethene
Concen: 18.781 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

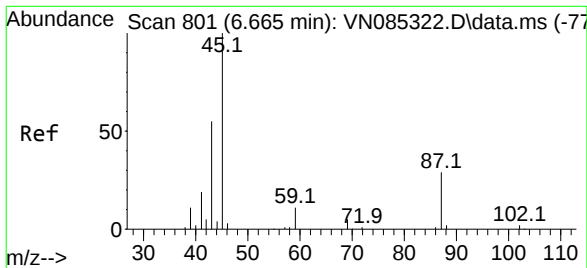
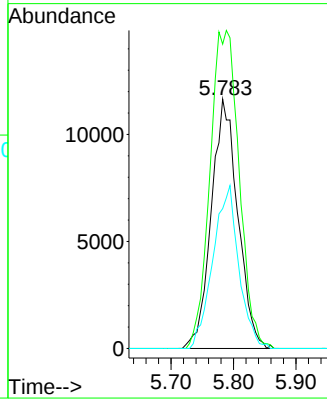
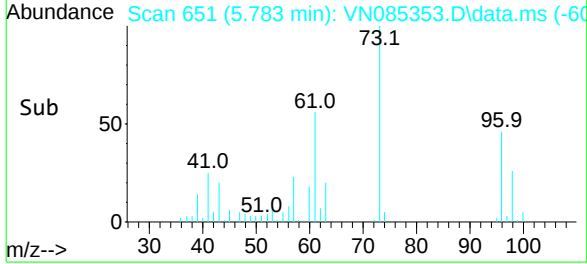
Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS01



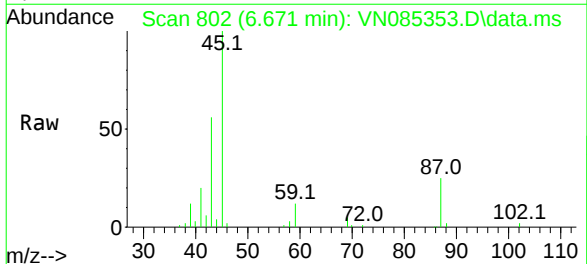
Tgt Ion: 96 Resp: 34375
Ion Ratio Lower Upper
96 100
61 122.0 118.0 177.0
98 56.1 50.6 75.8

Manual Integrations
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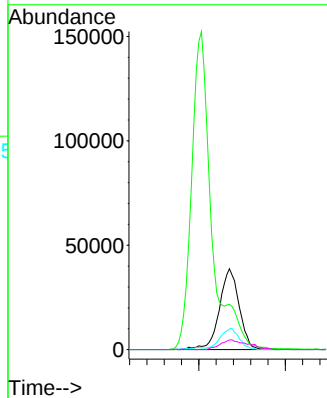
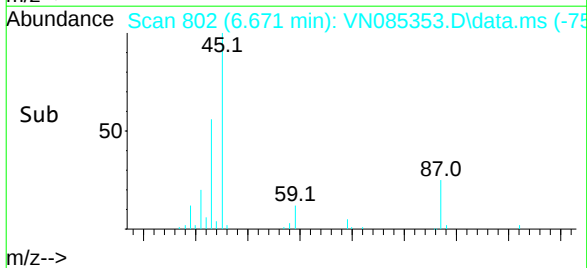
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024

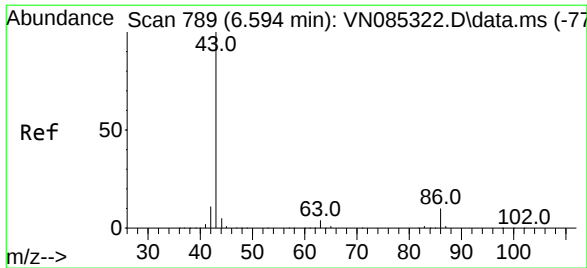


#22
Diisopropyl ether
Concen: 20.309 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26



Tgt Ion: 45 Resp: 122725
Ion Ratio Lower Upper
45 100
43 54.9 44.1 66.1
87 25.5 23.2 34.8
59 11.8 9.0 13.6





#23

Vinyl Acetate

Concen: 100.657 ug/l

RT: 6.606 min Scan# 791

Delta R.T. 0.012 min

Lab File: VN085353.D

Acq: 30 Dec 2024 18:26

Instrument :

MSVOA_N

ClientSampleId :

VN1230MBS01

Tgt Ion: 43 Resp: 440017

Ion Ratio Lower Upper

43 100

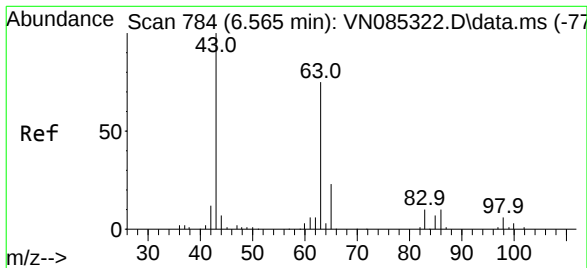
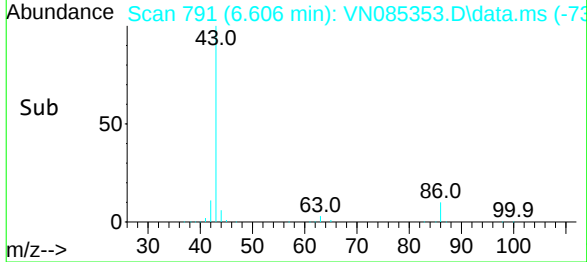
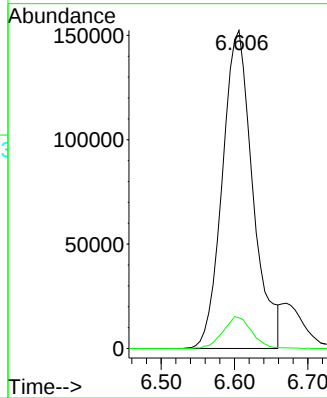
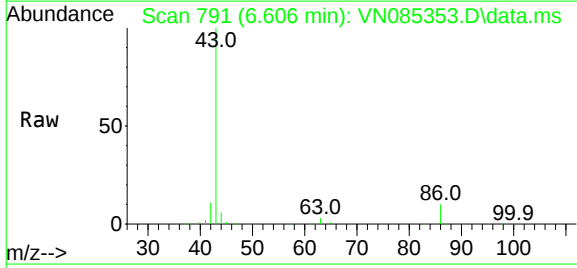
86 9.7 8.0 12.0

Manual Integrations

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Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#24

1,1-Dichloroethane

Concen: 19.558 ug/l

RT: 6.571 min Scan# 785

Delta R.T. 0.006 min

Lab File: VN085353.D

Acq: 30 Dec 2024 18:26

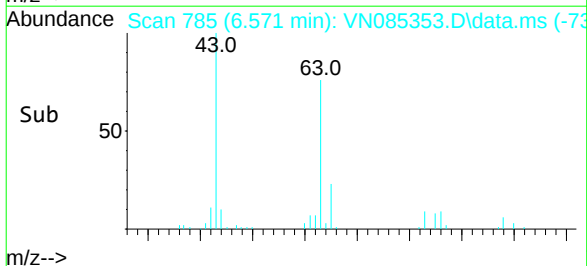
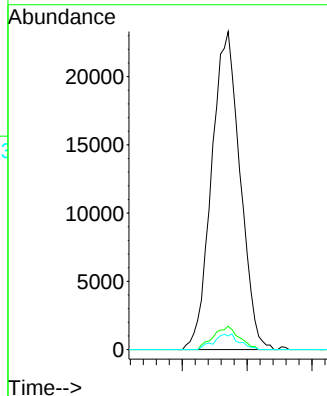
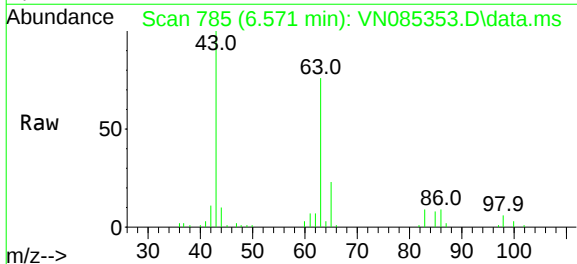
Tgt Ion: 63 Resp: 71191

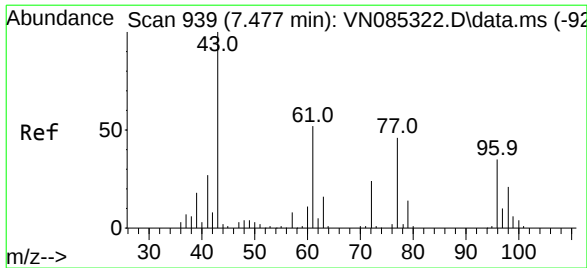
Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

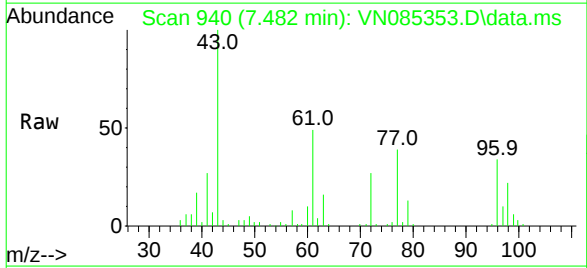
100 4.3 2.3 6.8





#25
2-Butanone
Concen: 105.863 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

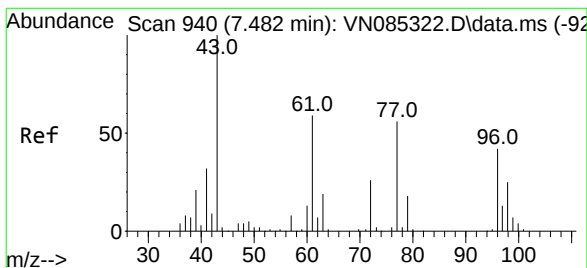
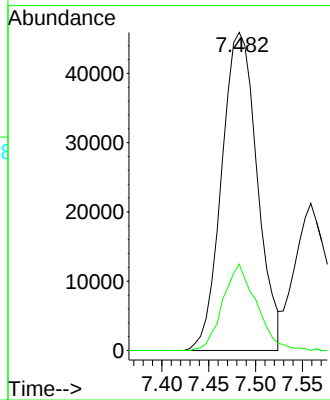
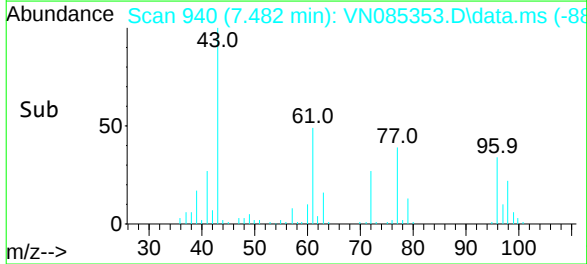
Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS01



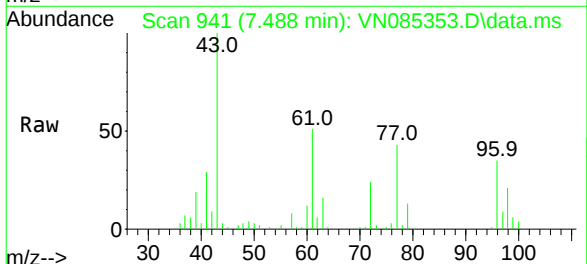
Tgt Ion: 43 Resp: 121446
Ion Ratio Lower Upper
43 100
72 27.1 19.6 29.4

Manual Integrations
APPROVED

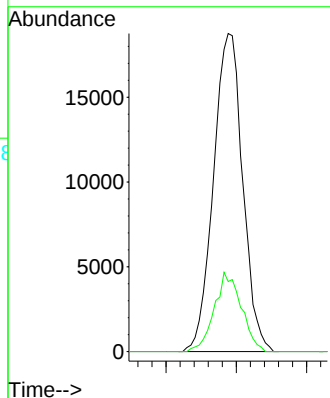
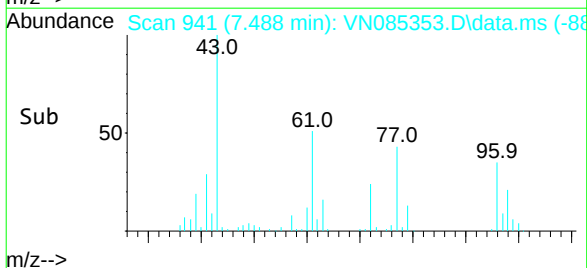
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024

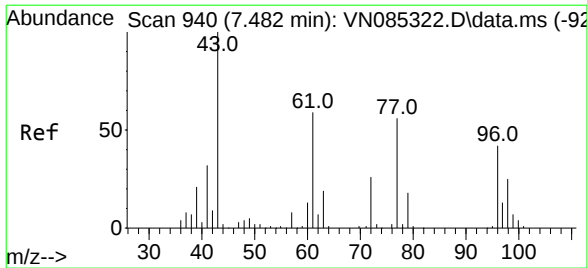


#26
2,2-Dichloropropane
Concen: 16.982 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26



Tgt Ion: 77 Resp: 54158
Ion Ratio Lower Upper
77 100
97 23.0 10.6 31.8





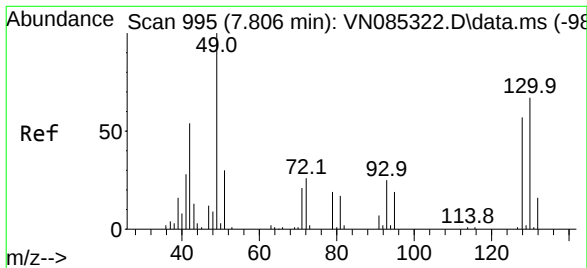
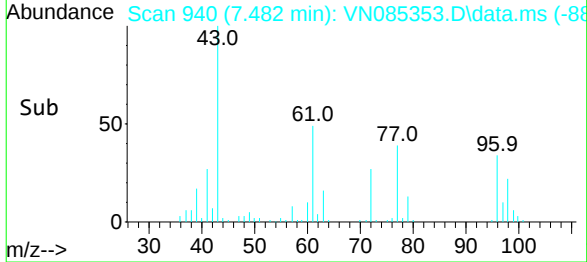
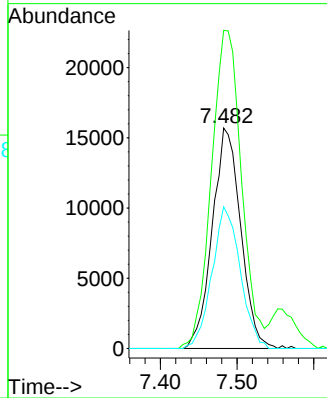
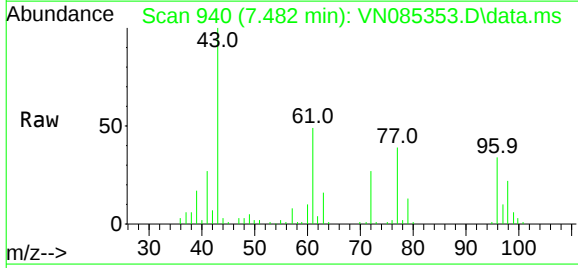
#27
cis-1,2-Dichloroethene
Concen: 18.819 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS01

Tgt Ion: 96 Resp: 40426
Ion Ratio Lower Upper
96 100
61 152.7 0.0 296.4
98 63.8 0.0 124.2

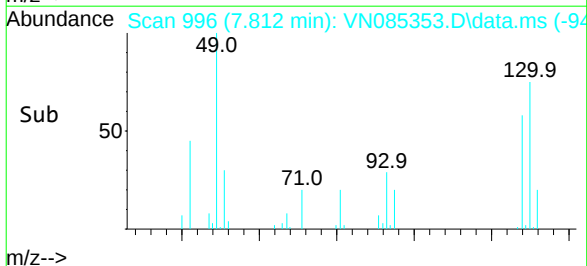
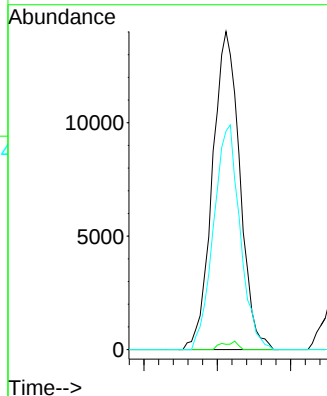
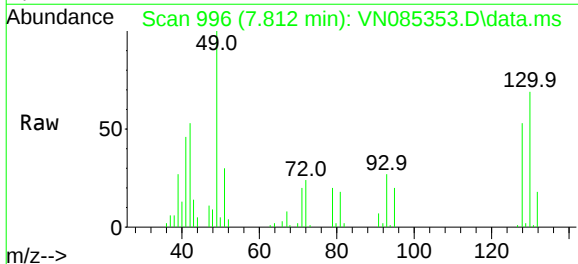
Manual Integrations
APPROVED

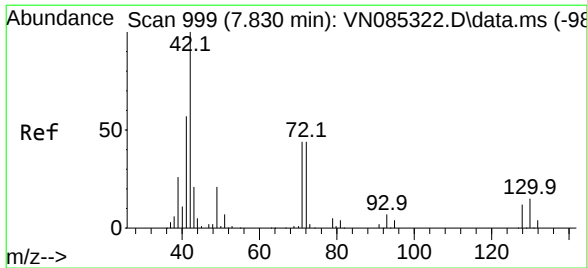
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#28
Bromochloromethane
Concen: 21.473 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Tgt Ion: 49 Resp: 36323
Ion Ratio Lower Upper
49 100
129 1.4 0.0 2.0
130 68.4 0.0 0.0#





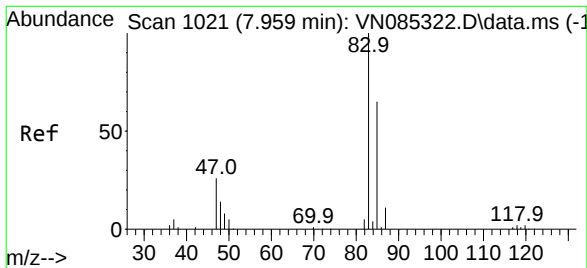
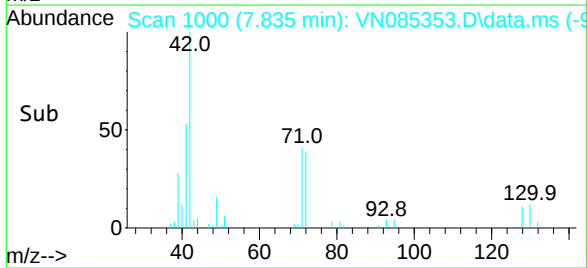
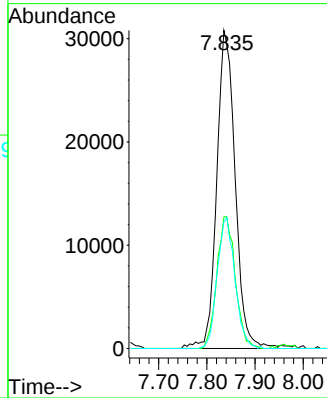
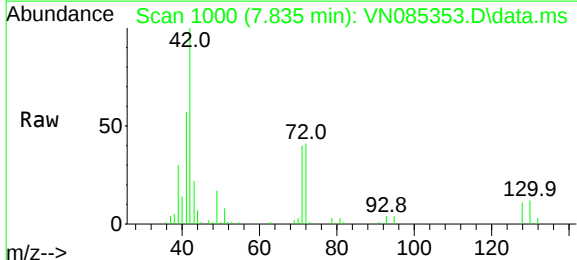
#29
Tetrahydrofuran
Concen: 110.569 ug/l
RT: 7.835 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS01

Tgt Ion: 42 Resp: 81707
Ion Ratio Lower Upper
42 100
72 41.4 35.1 52.7
71 39.6 33.4 50.0

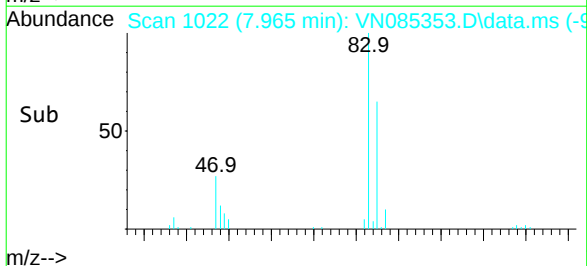
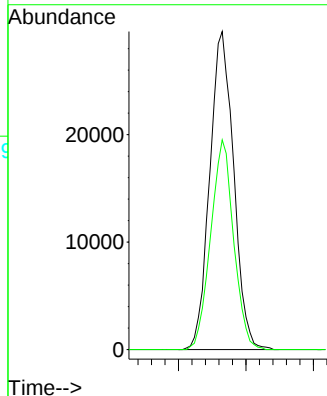
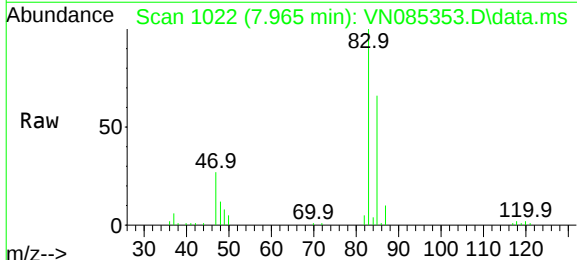
Manual Integrations
APPROVED

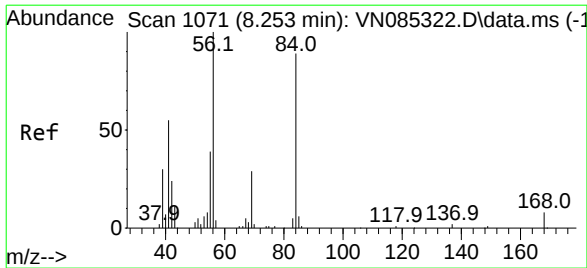
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#30
Chloroform
Concen: 19.551 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Tgt Ion: 83 Resp: 72806
Ion Ratio Lower Upper
83 100
85 65.9 52.0 78.0





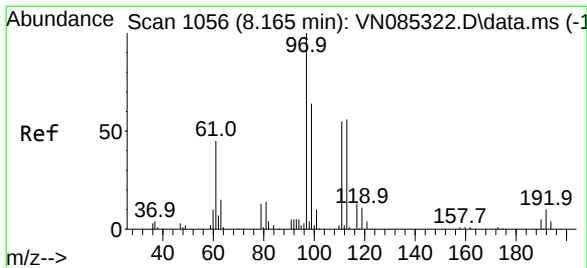
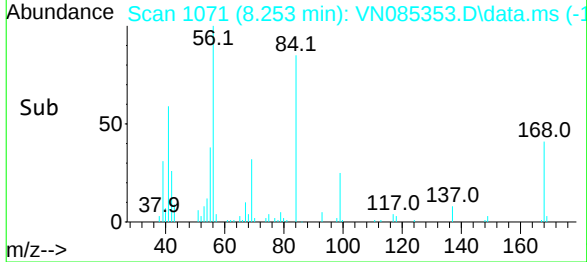
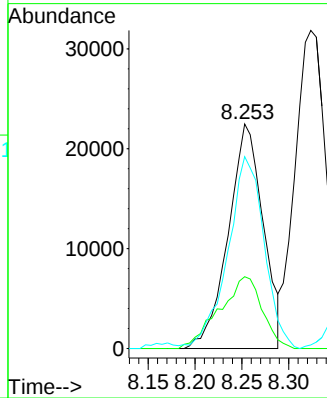
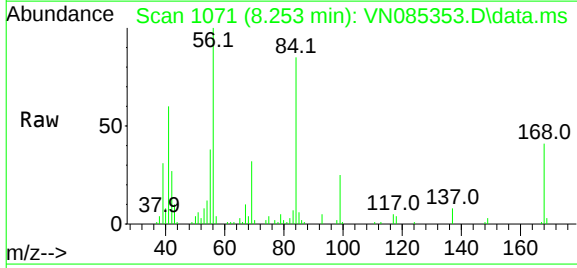
#31
Cyclohexane
Concen: 17.547 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS01

Tgt Ion: 56 Resp: 58323
Ion Ratio Lower Upper
56 100
69 32.0 23.4 35.0
84 84.2 71.0 106.6

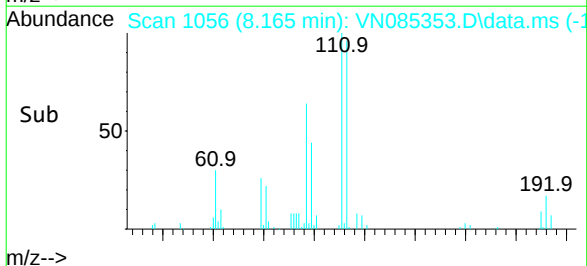
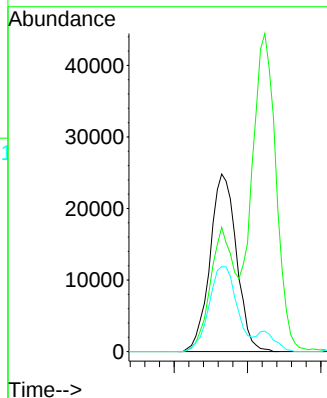
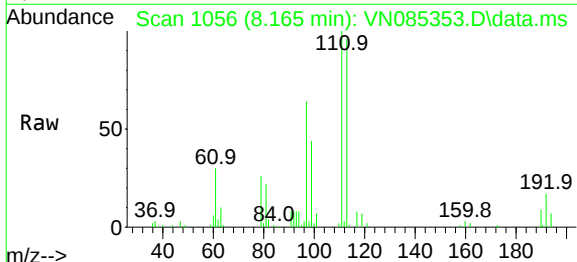
Manual Integrations
APPROVED

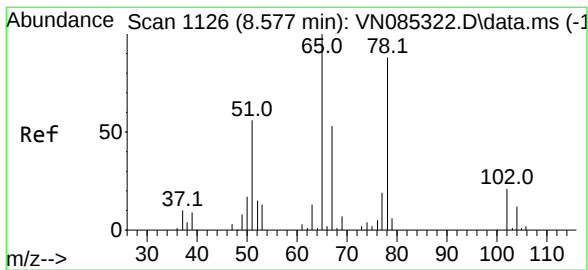
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#32
1,1,1-Trichloroethane
Concen: 18.727 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Tgt Ion: 97 Resp: 62283
Ion Ratio Lower Upper
97 100
99 63.7 53.3 79.9
61 50.6 39.6 59.4





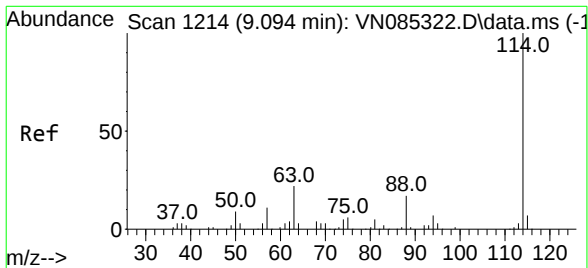
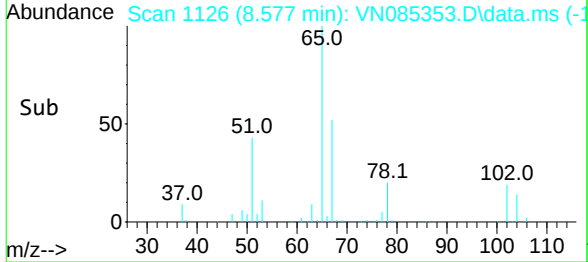
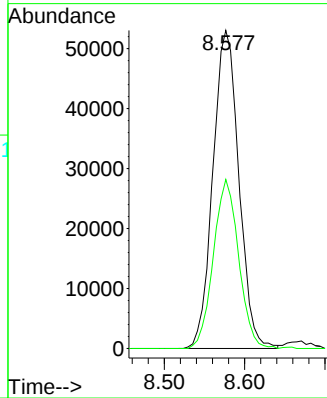
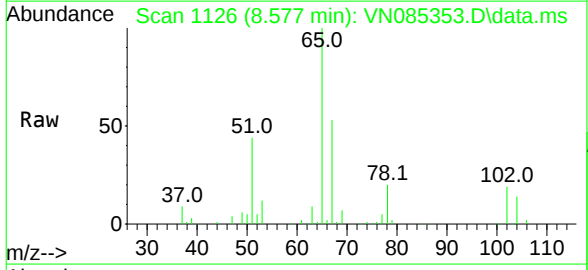
#33
1,2-Dichloroethane-d4
Concen: 52.901 ug/l
RT: 8.577 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS01

Tgt Ion: 65 Resp: 118963
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.0

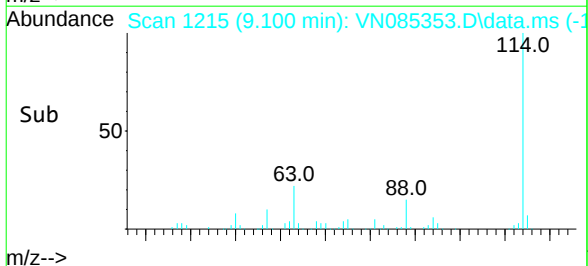
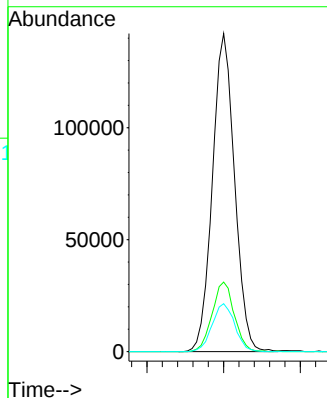
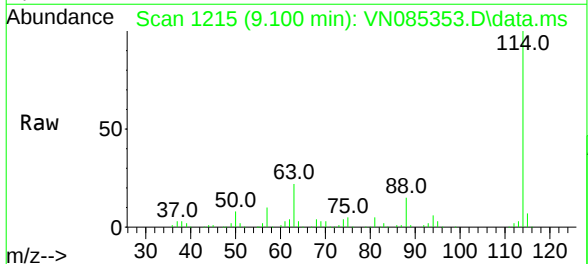
Manual Integrations
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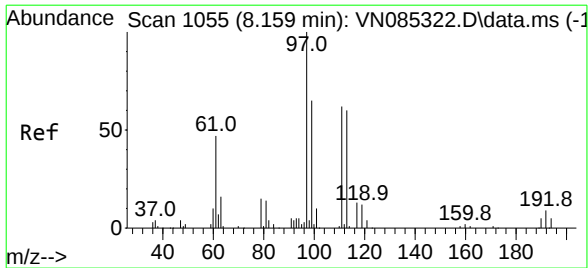
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

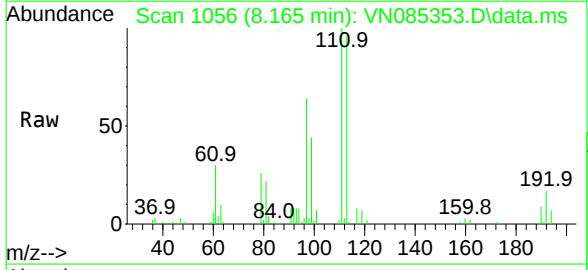
Tgt Ion:114 Resp: 285059
Ion Ratio Lower Upper
114 100
63 21.9 0.0 43.4
88 15.1 0.0 33.6





#35
 Dibromofluoromethane
 Concen: 50.396 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085353.D
 Acq: 30 Dec 2024 18:26

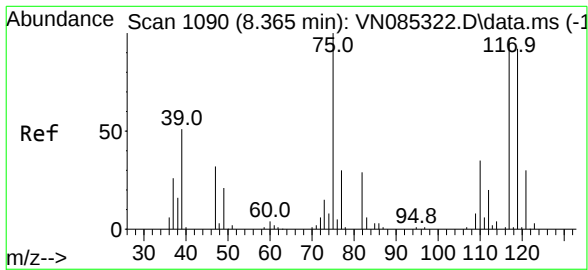
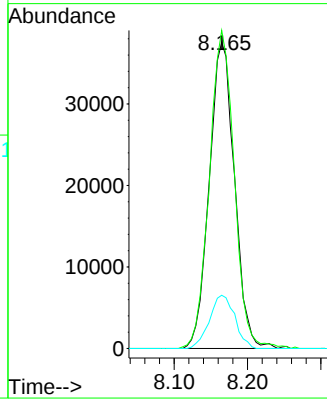
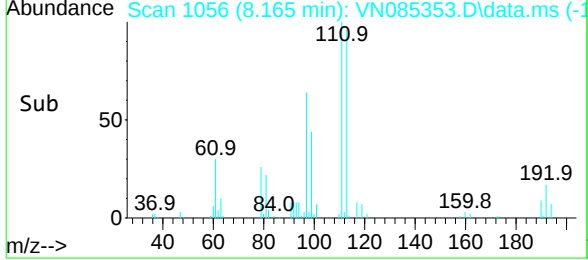
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1230MBS01



Tgt Ion:	113	Resp:	89621
Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.5	120.7
192	17.5	12.9	19.3

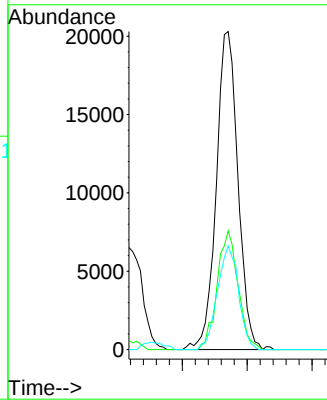
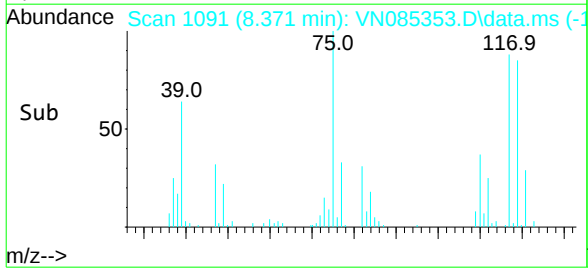
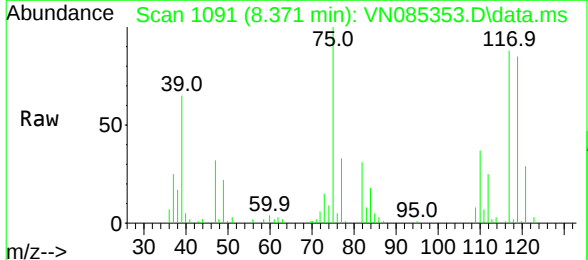
Manual Integrations
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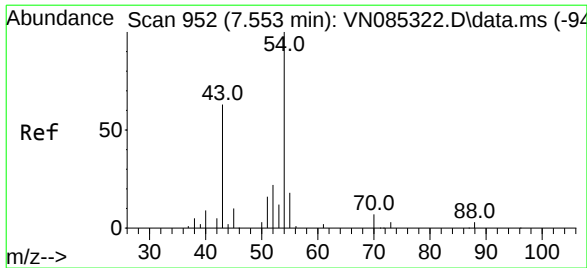
Reviewed By :John Carlone 12/31/2024
 Supervised By :Mahesh Dadoda 12/31/2024



#36
 1,1-Dichloropropene
 Concen: 18.088 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VN085353.D
 Acq: 30 Dec 2024 18:26

Tgt Ion:	75	Resp:	47097
Ion	Ratio	Lower	Upper
75	100		
110	35.8	16.6	49.8
77	31.7	24.3	36.5





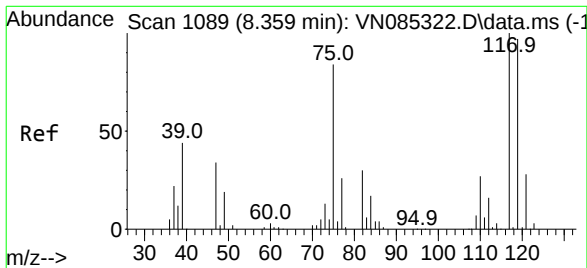
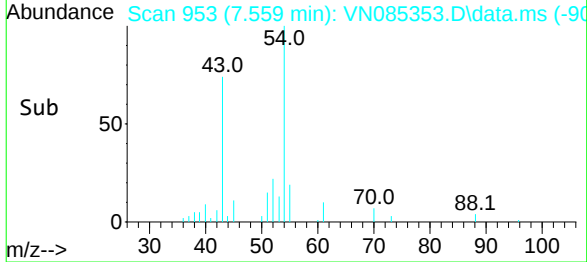
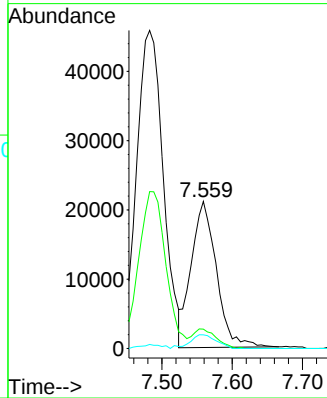
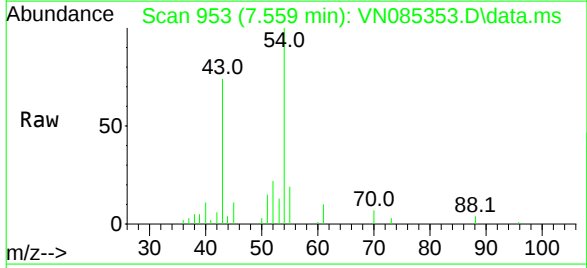
#37
Ethyl Acetate
Concen: 20.413 ug/l
RT: 7.559 min Scan# 952
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS01

Tgt Ion: 43	Resp: 52829
Ion Ratio	Lower Upper
43 100	
61 12.4	10.4 15.6
70 9.7	8.2 12.2

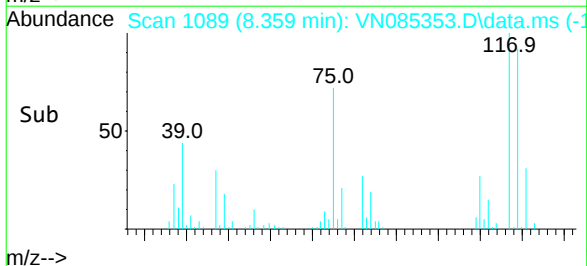
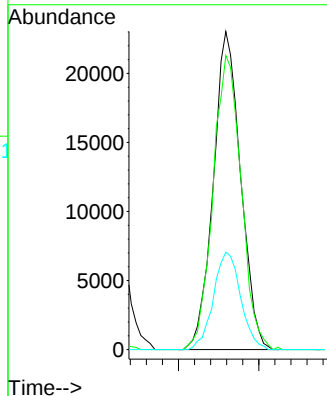
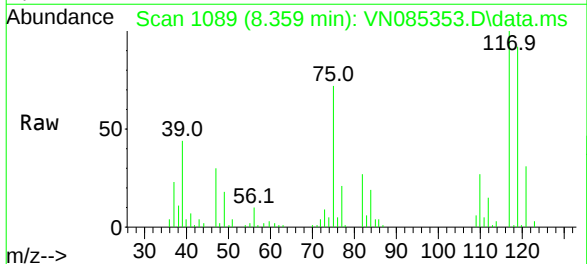
Manual Integrations
APPROVED

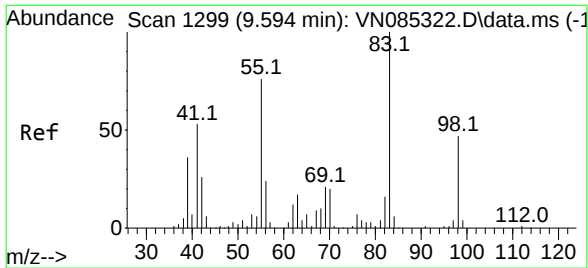
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#38
Carbon Tetrachloride
Concen: 19.162 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

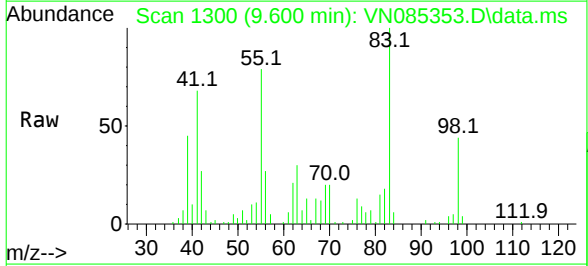
Tgt Ion: 117	Resp: 54384
Ion Ratio	Lower Upper
117 100	
119 92.4	77.8 116.6
121 30.6	22.5 33.7





#39
Methylcyclohexane
Concen: 17.010 ug/l
RT: 9.600 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

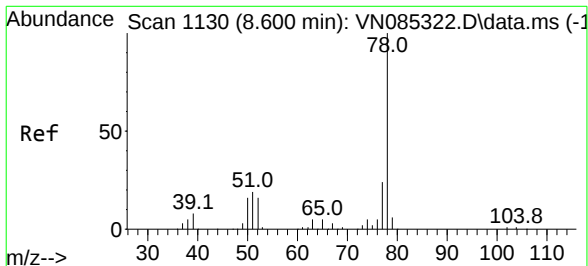
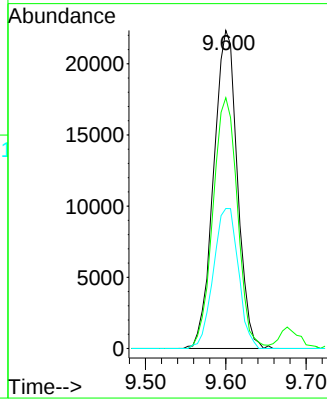
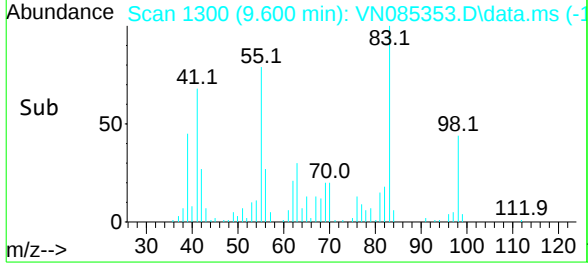
Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS01



Tgt Ion: 83 Resp: 45952
Ion Ratio Lower Upper
83 100
55 78.8 60.7 91.1
98 44.0 37.7 56.5

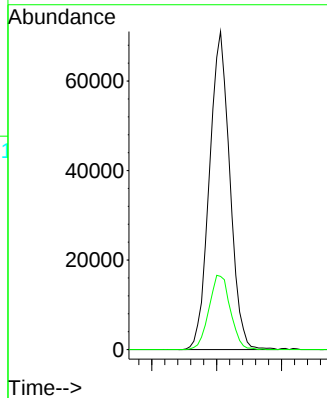
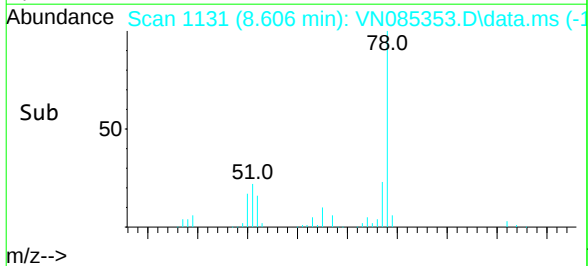
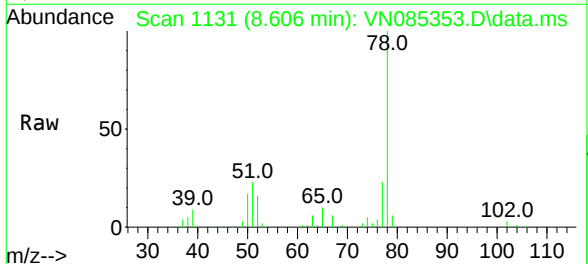
Manual Integrations
APPROVED

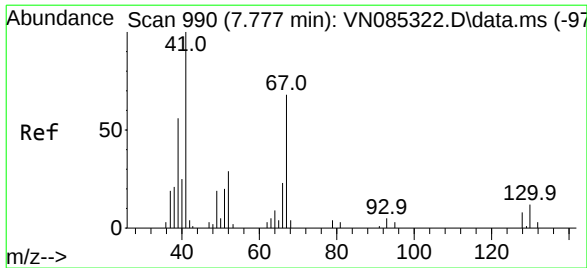
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#40
Benzene
Concen: 19.753 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Tgt Ion: 78 Resp: 155501
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.4





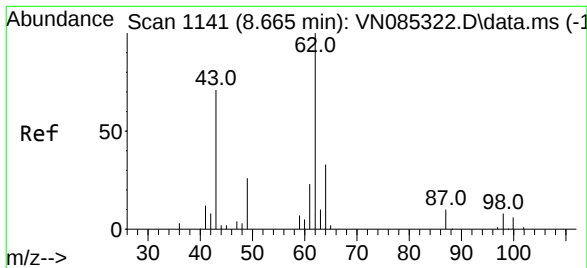
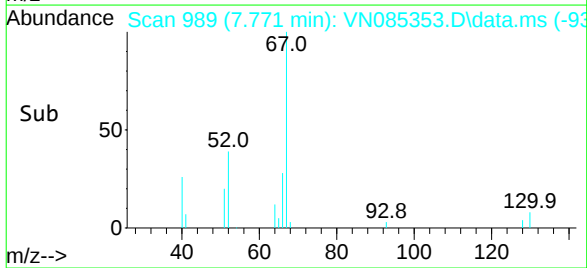
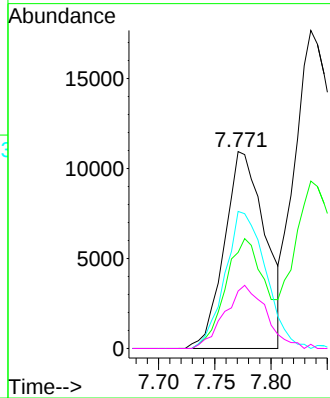
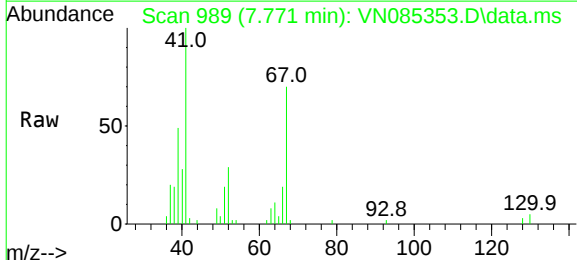
#41
Methacrylonitrile
Concen: 20.692 ug/l
RT: 7.771 min Scan# 98
Delta R.T. -0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS01

Tgt Ion: 41	Resp: 27426
Ion Ratio	Lower Upper
41 100	
39 55.2	45.8 68.8
67 69.6	57.1 85.7
52 32.9	25.1 37.7

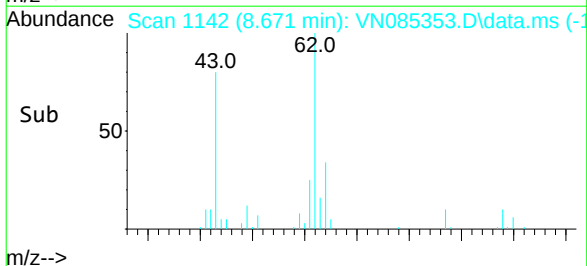
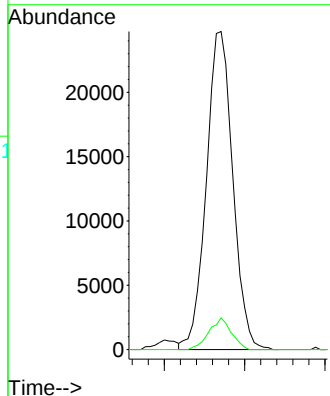
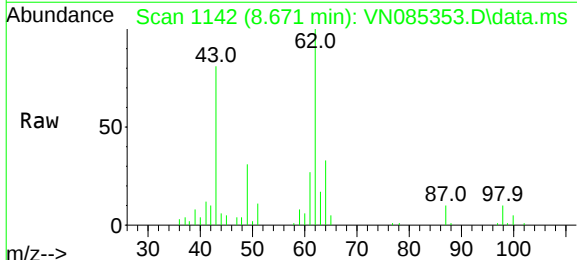
Manual Integrations
APPROVED

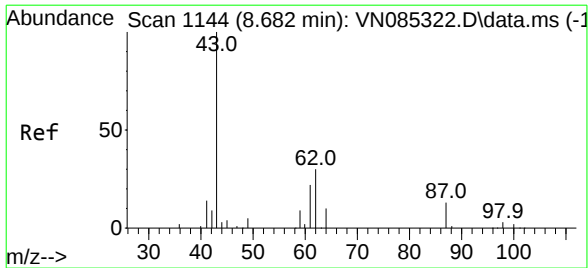
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#42
1,2-Dichloroethane
Concen: 20.051 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Tgt Ion: 62	Resp: 56593
Ion Ratio	Lower Upper
62 100	
98 8.4	0.0 17.6





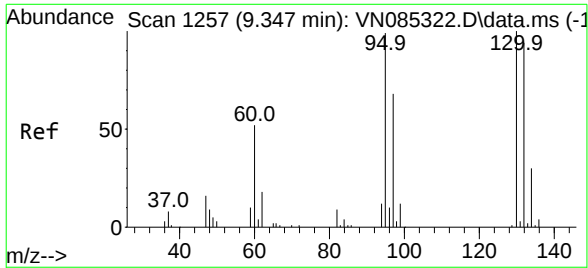
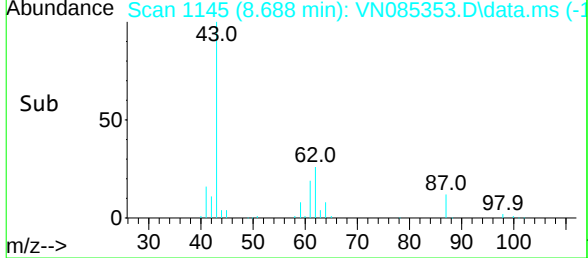
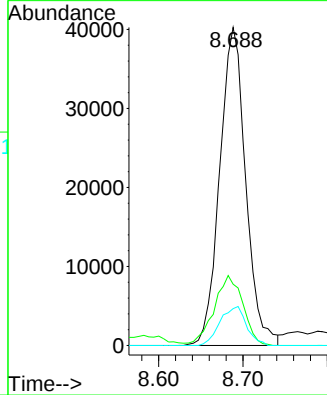
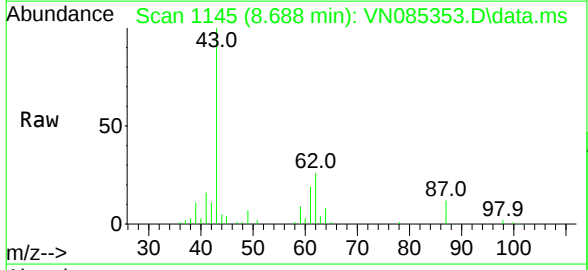
#43
Isopropyl Acetate
Concen: 20.226 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS01

Tgt Ion:	43	Resp:	86193
Ion	Ratio	Lower	Upper
43	100		
61	24.5	20.8	31.2
87	12.5	10.2	15.4

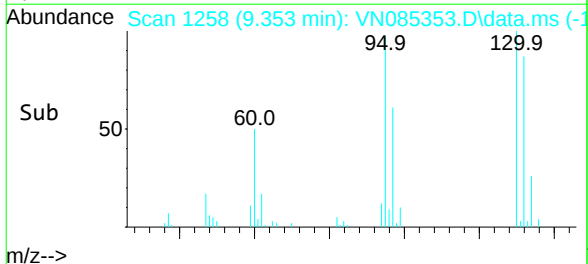
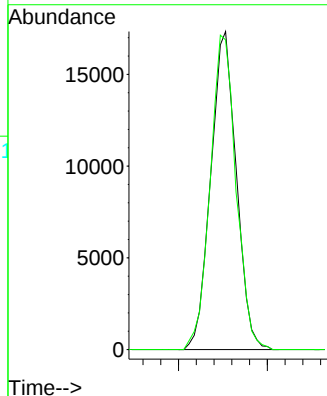
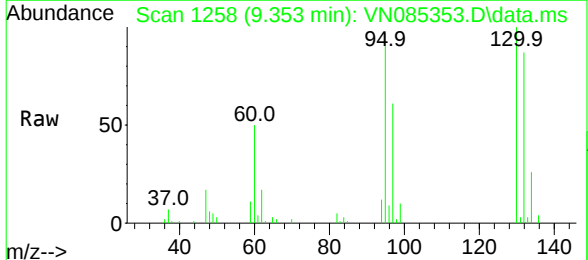
Manual Integrations
APPROVED

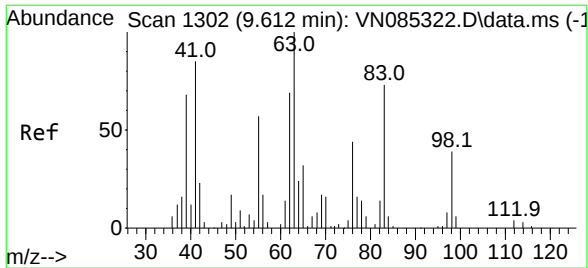
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#44
Trichloroethene
Concen: 18.612 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

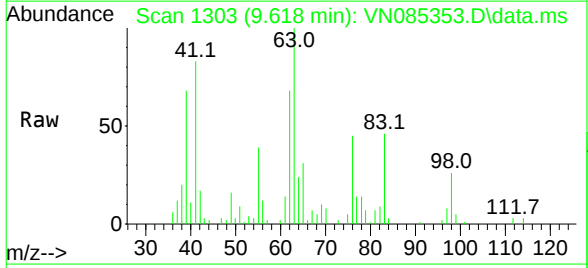
Tgt Ion:	130	Resp:	34689
Ion	Ratio	Lower	Upper
130	100		
95	97.4	0.0	197.8





#45
1,2-Dichloropropane
Concen: 19.539 ug/l
RT: 9.618 min Scan# 1302
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

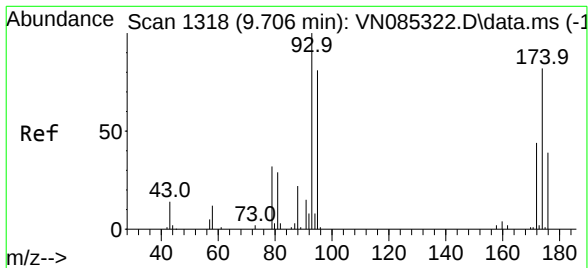
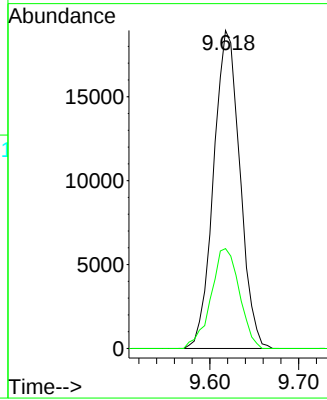
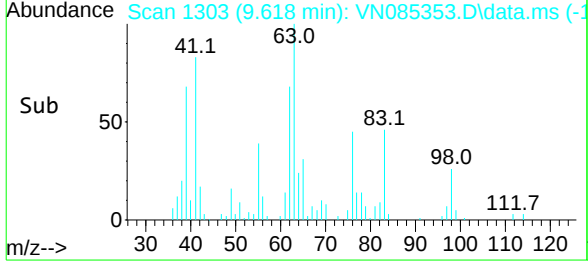
Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS01



Tgt Ion: 63 Resp: 39047
Ion Ratio Lower Upper
63 100
65 31.4 25.5 38.3

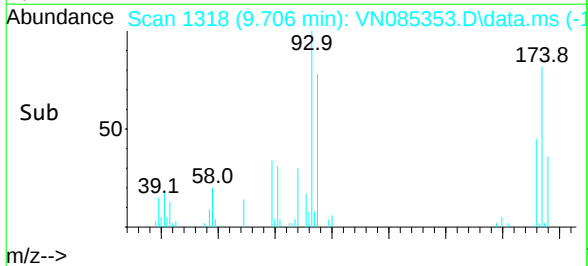
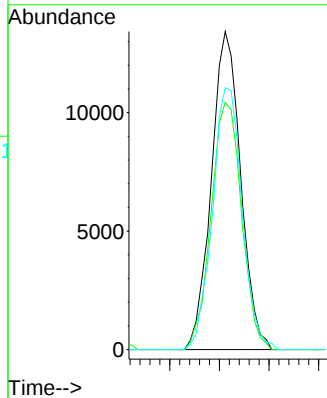
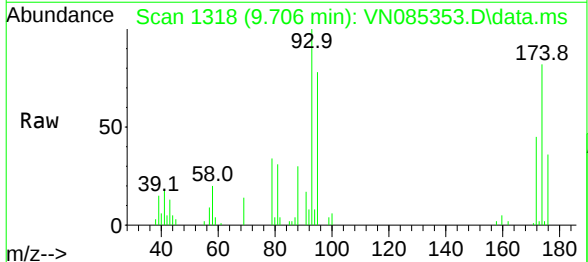
Manual Integrations
APPROVED

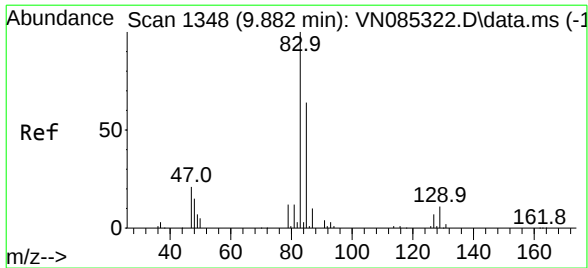
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#46
Dibromomethane
Concen: 19.767 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Tgt Ion: 93 Resp: 27474
Ion Ratio Lower Upper
93 100
95 80.9 65.3 97.9
174 83.6 66.4 99.6





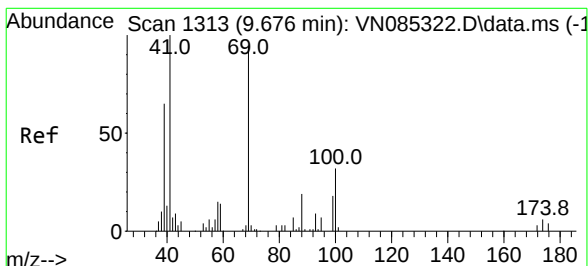
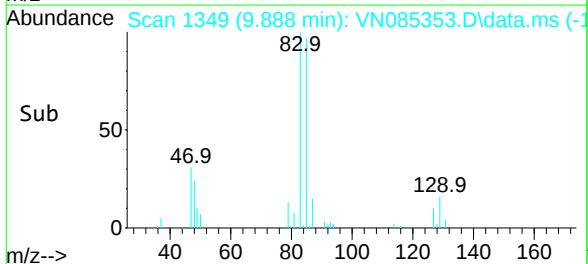
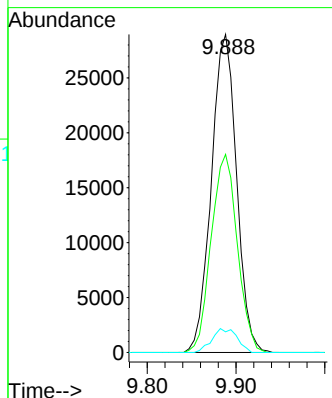
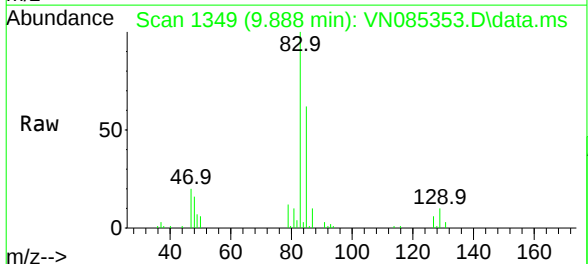
#47
Bromodichloromethane
Concen: 19.795 ug/l
RT: 9.888 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS01

Tgt Ion:	83	Resp:	57182
Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.0	76.4
127	6.5	5.8	8.6

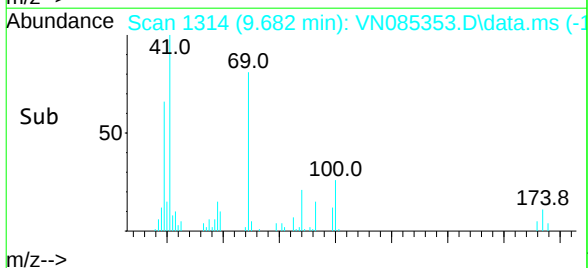
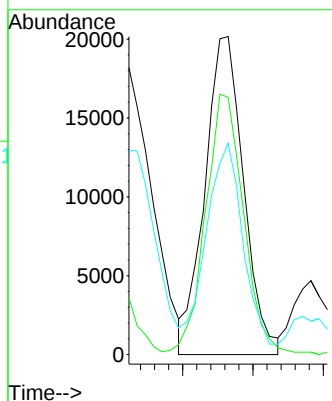
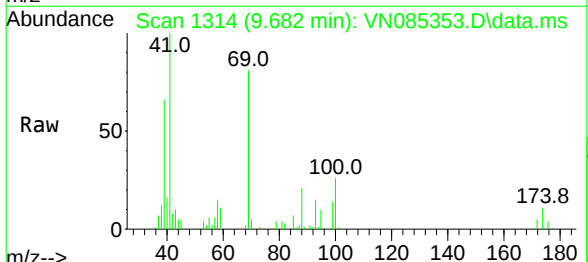
Manual Integrations
APPROVED

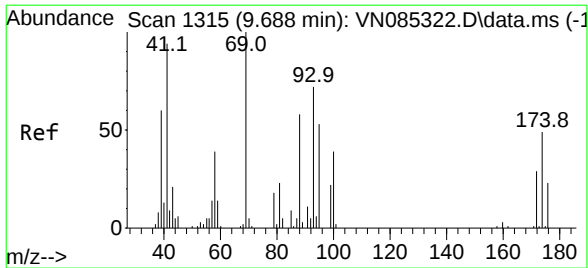
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#48
Methyl methacrylate
Concen: 20.891 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

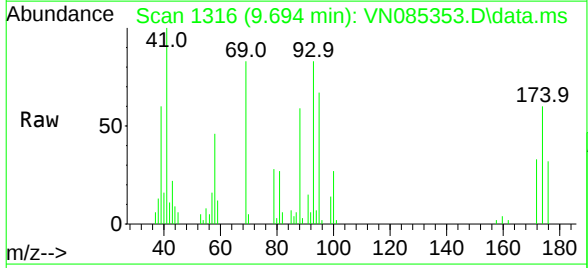
Tgt Ion:	41	Resp:	38630
Ion	Ratio	Lower	Upper
41	100		
69	80.9	67.7	101.5
39	65.3	51.2	76.8





#49
1,4-Dioxane
Concen: 447.545 ug/l
RT: 9.694 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

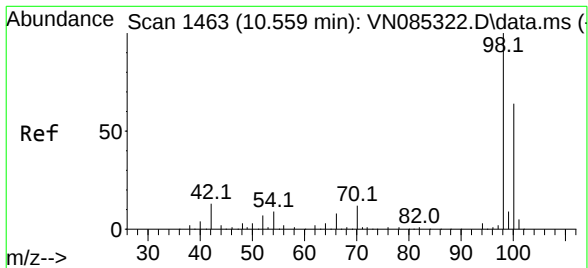
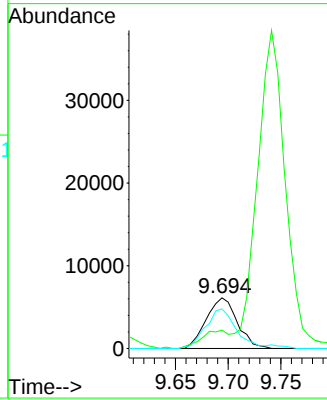
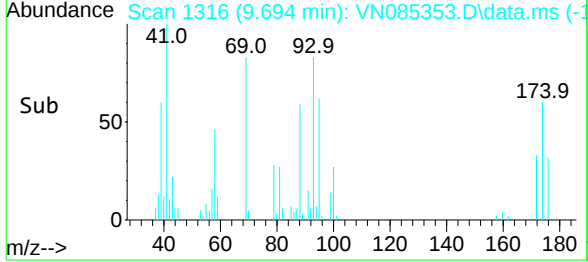
Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS01



Tgt Ion: 88 Resp: 12486
Ion Ratio Lower Upper
88 100
43 31.2 22.1 33.1
58 76.7 56.7 85.1

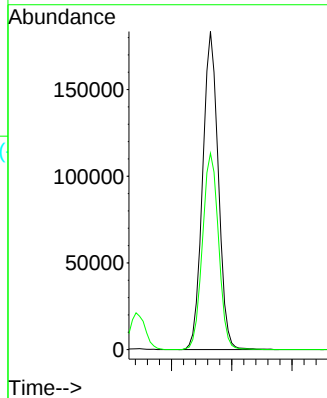
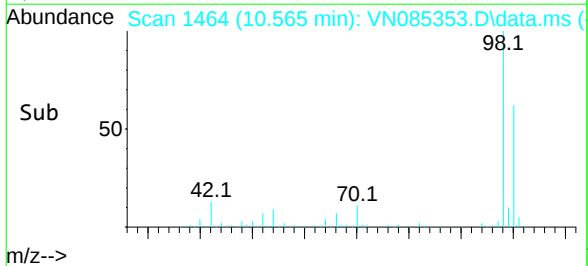
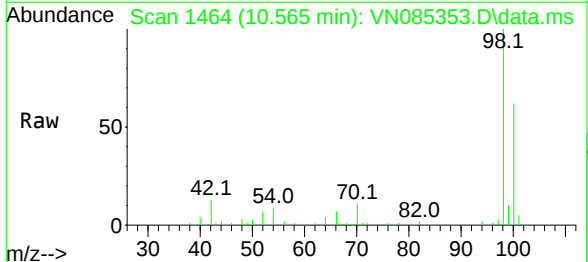
Manual Integrations
APPROVED

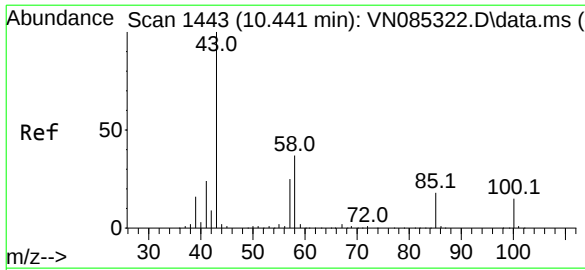
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#50
Toluene-d8
Concen: 50.804 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Tgt Ion: 98 Resp: 331534
Ion Ratio Lower Upper
98 100
100 63.4 51.5 77.3





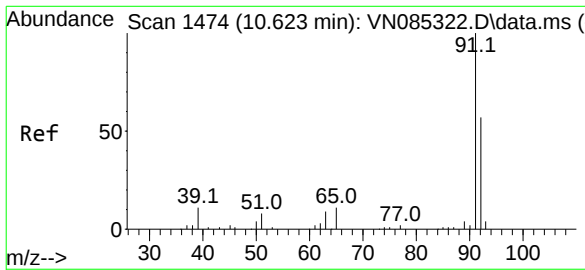
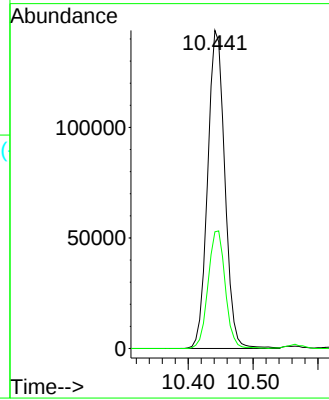
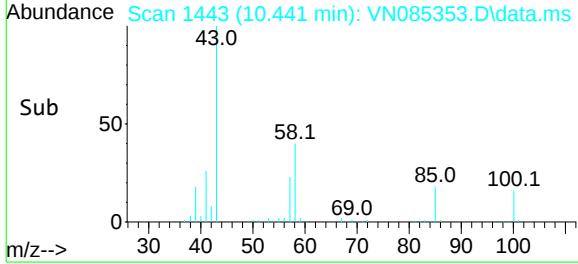
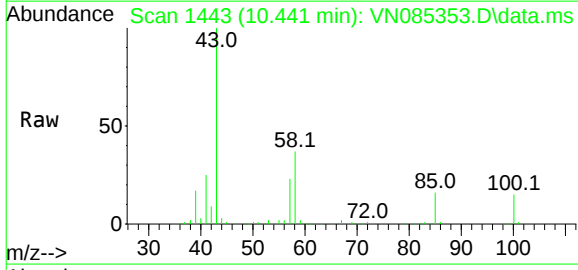
#51
4-Methyl-2-Pentanone
Concen: 110.329 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS01

Tgt Ion: 43 Resp: 264213
Ion Ratio Lower Upper
43 100
58 37.0 30.3 45.5

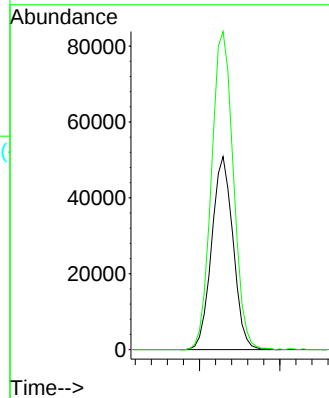
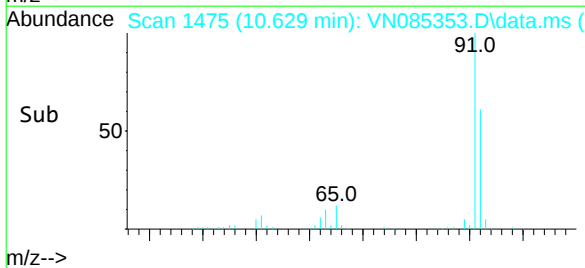
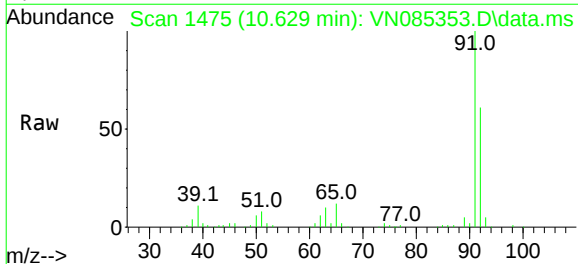
Manual Integrations
APPROVED

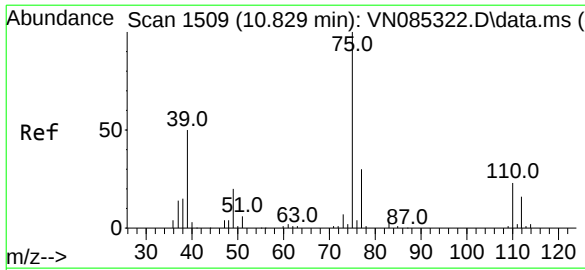
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#52
Toluene
Concen: 20.066 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

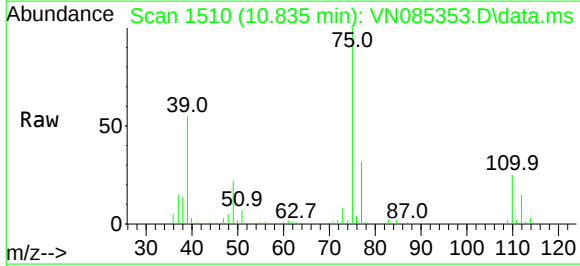
Tgt Ion: 92 Resp: 94058
Ion Ratio Lower Upper
92 100
91 168.9 140.2 210.4





#53
t-1,3-Dichloropropene
Concen: 18.328 ug/l
RT: 10.835 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

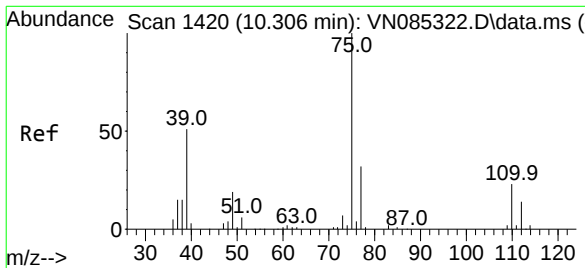
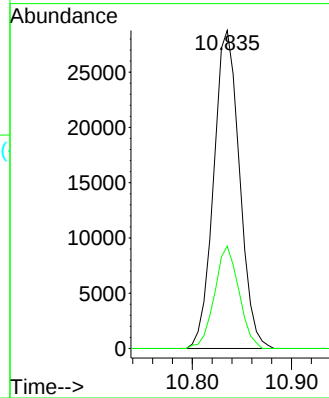
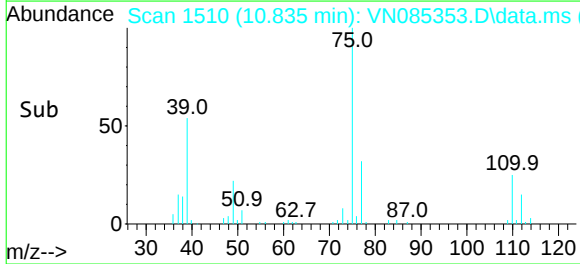
Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS01



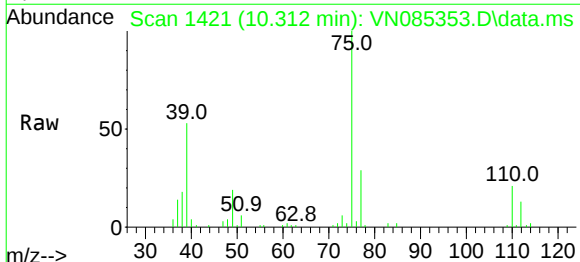
Tgt Ion: 75 Resp: 52068
Ion Ratio Lower Upper
75 100
77 32.2 23.8 35.6

Manual Integrations
APPROVED

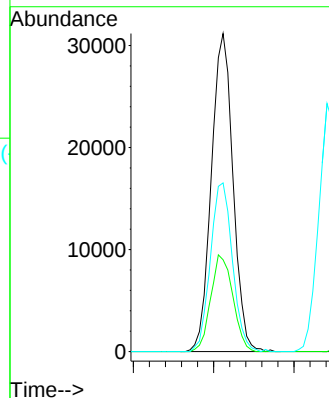
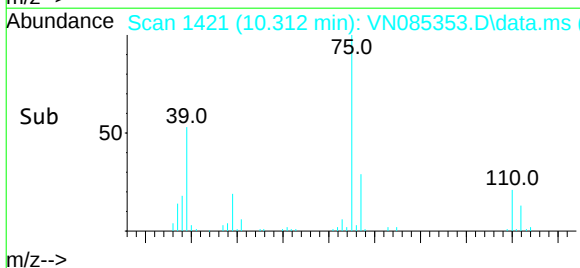
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024

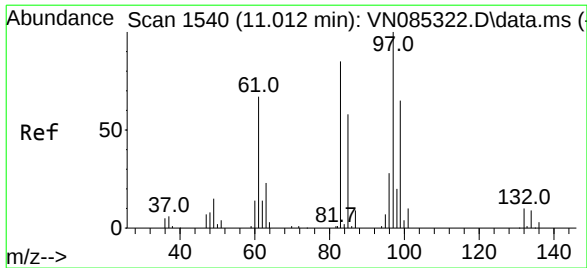


#54
cis-1,3-Dichloropropene
Concen: 18.959 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26



Tgt Ion: 75 Resp: 58241
Ion Ratio Lower Upper
75 100
77 28.9 25.5 38.3
39 53.0 40.5 60.7





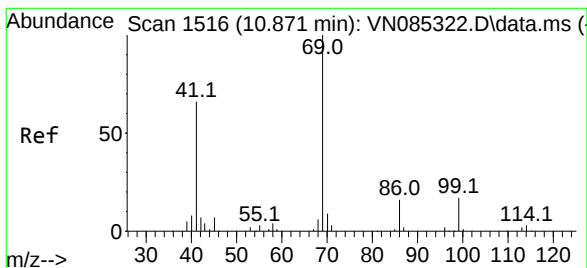
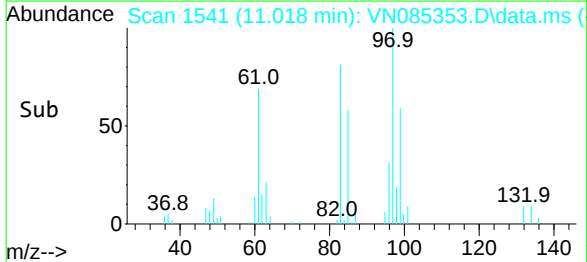
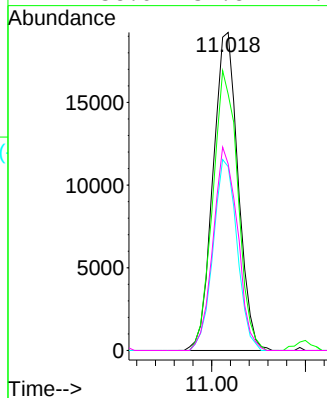
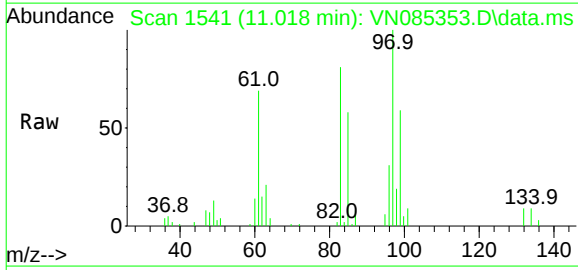
#55
1,1,2-Trichloroethane
Concen: 20.180 ug/l
RT: 11.018 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.6	67.7	101.5
85	57.8	46.2	69.4
99	58.6	51.8	77.6

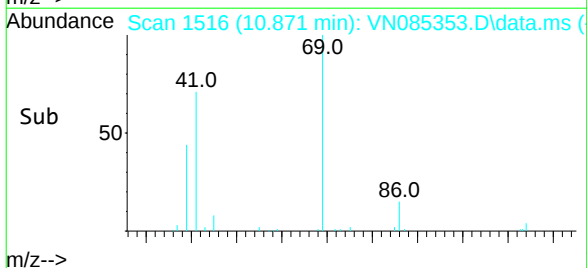
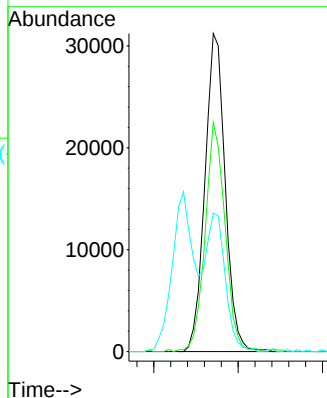
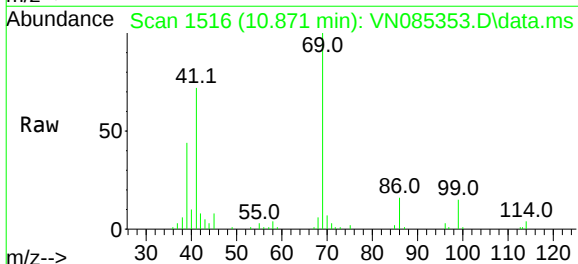
Manual Integrations
APPROVED

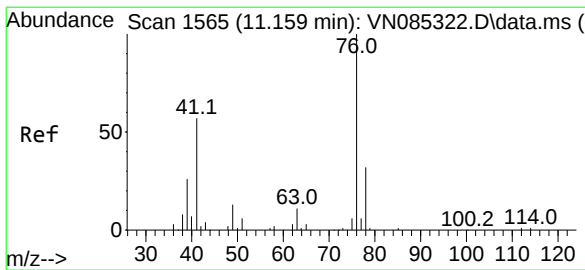
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#56
Ethyl methacrylate
Concen: 20.213 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

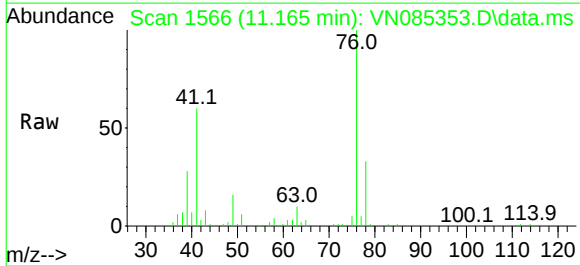
Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.9	54.3	81.5
39	43.3	32.0	48.0





#57
1,3-Dichloropropane
Concen: 20.242 ug/l
RT: 11.165 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

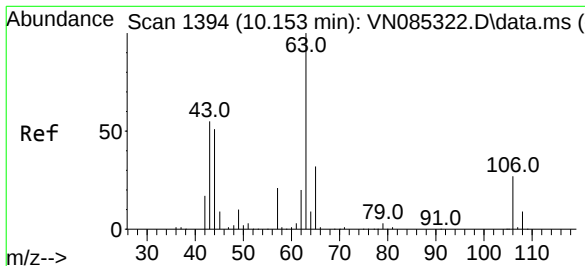
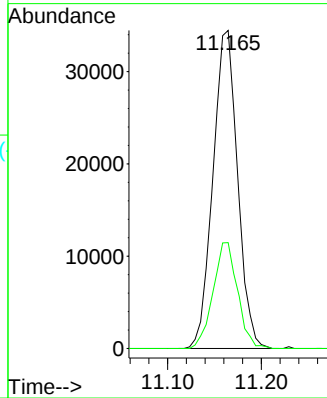
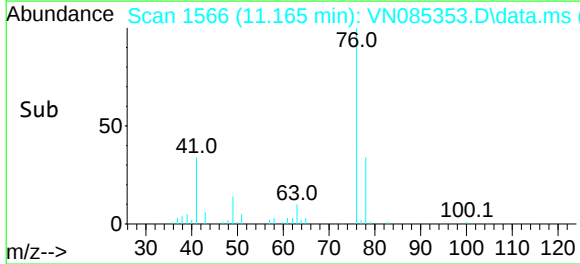
Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS01



Tgt Ion: 76 Resp: 62874
Ion Ratio Lower Upper
76 100
78 33.1 25.5 38.3

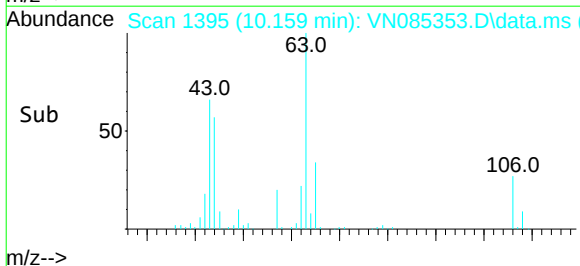
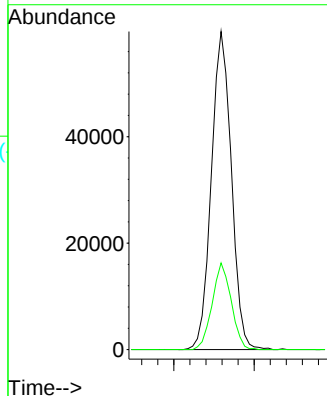
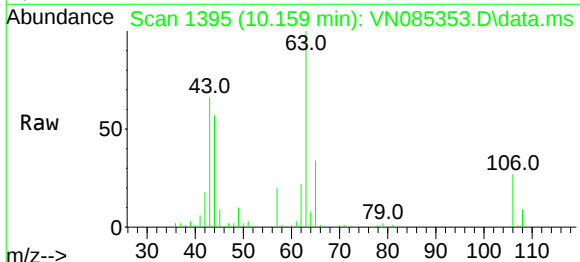
Manual Integrations
APPROVED

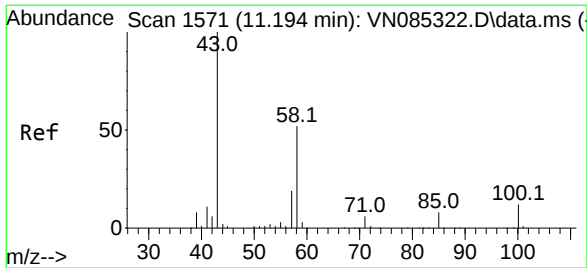
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#58
2-Chloroethyl Vinyl ether
Concen: 82.883 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Tgt Ion: 63 Resp: 103358
Ion Ratio Lower Upper
63 100
106 25.9 22.1 33.1





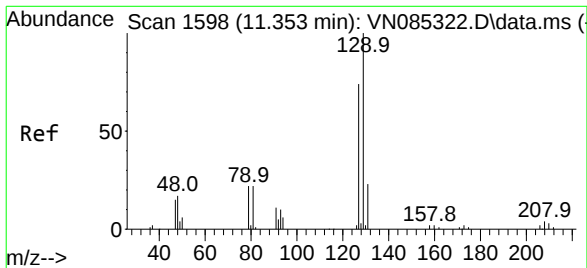
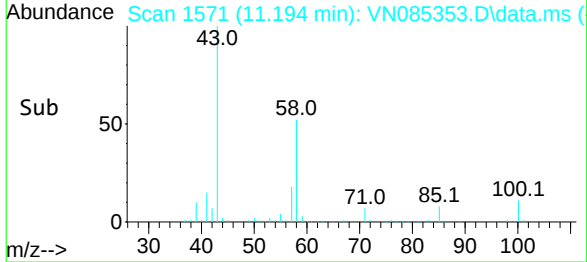
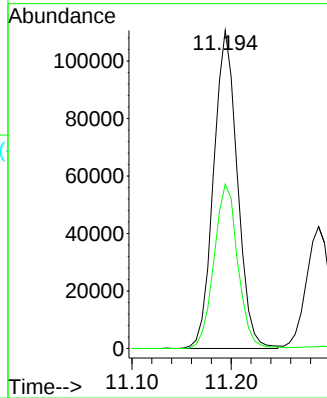
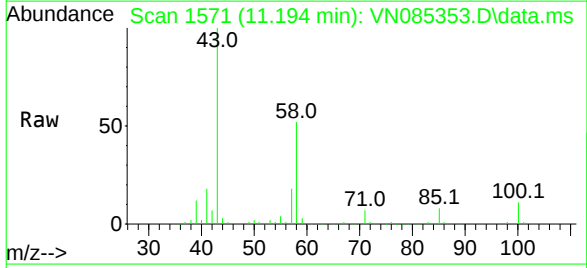
#59
2-Hexanone
Concen: 110.736 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS01

Tgt Ion: 43 Resp: 183989
Ion Ratio Lower Upper
43 100
58 51.9 26.5 79.5

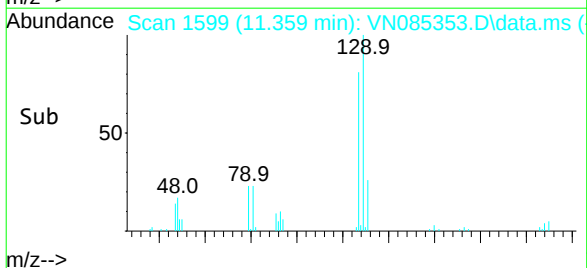
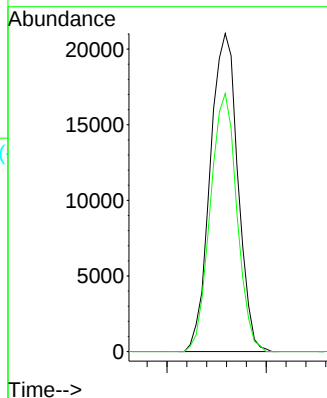
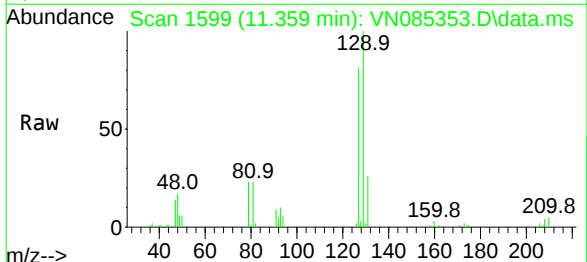
Manual Integrations
APPROVED

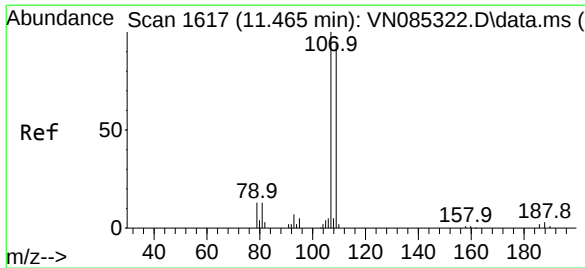
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#60
Dibromochloromethane
Concen: 20.444 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Tgt Ion:129 Resp: 40751
Ion Ratio Lower Upper
129 100
127 77.8 38.3 114.9





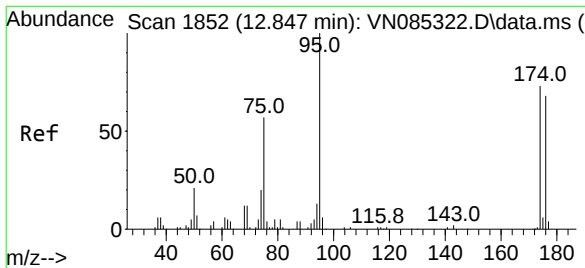
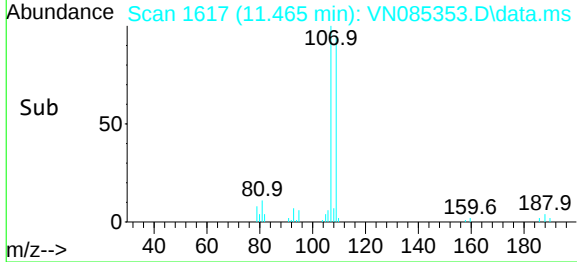
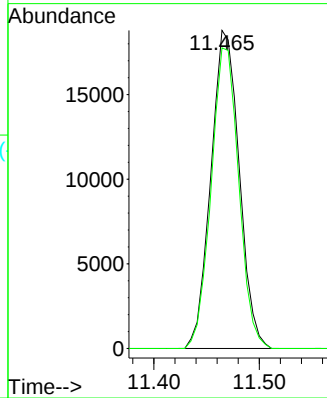
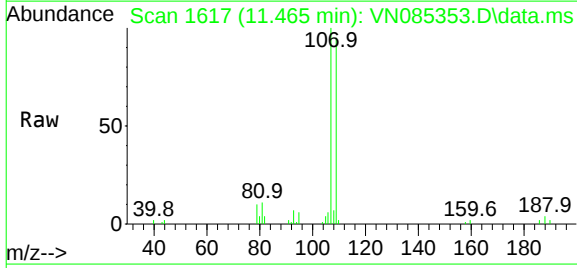
#61
1,2-Dibromoethane
Concen: 20.083 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS01

Tgt Ion: 107 Resp: 35164
Ion Ratio Lower Upper
107 100
109 92.1 74.9 112.3

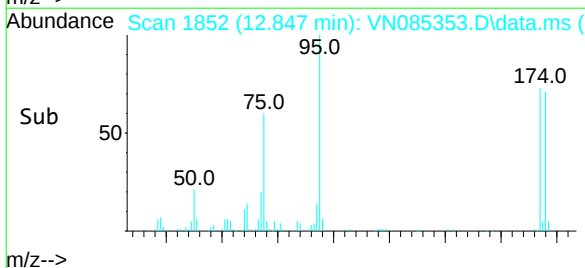
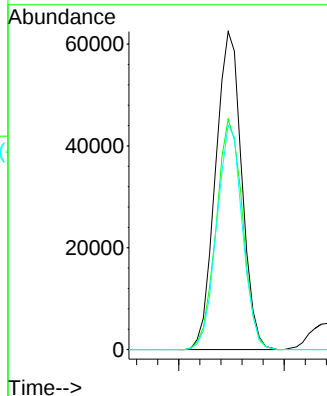
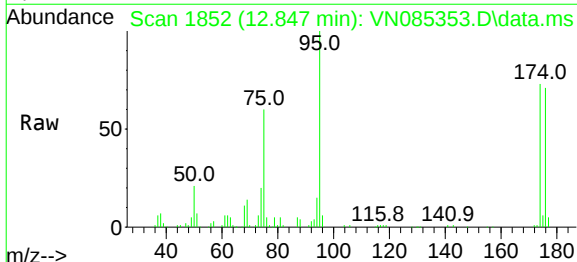
Manual Integrations
APPROVED

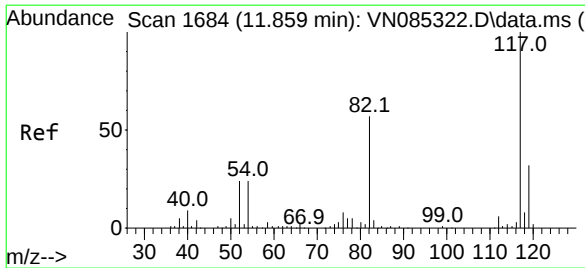
Reviewed By : John Carlone 12/31/2024
Supervised By : Mahesh Dadoda 12/31/2024



#62
4-Bromofluorobenzene
Concen: 49.814 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

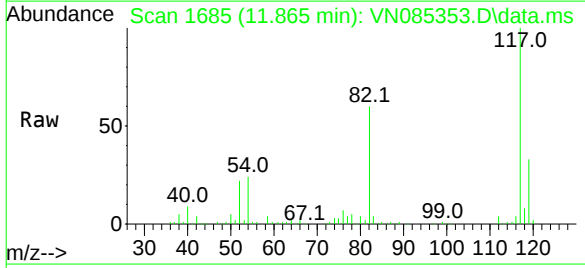
Tgt Ion: 95 Resp: 107961
Ion Ratio Lower Upper
95 100
174 73.0 0.0 143.2
176 69.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

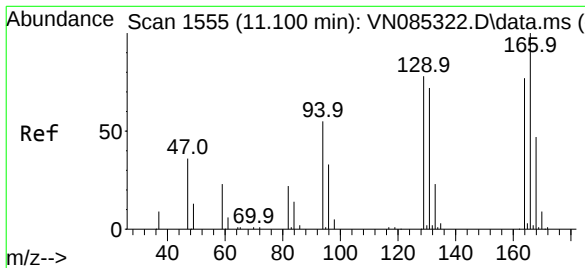
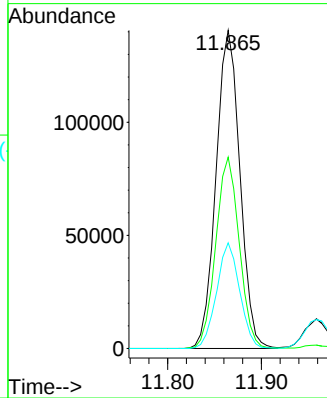
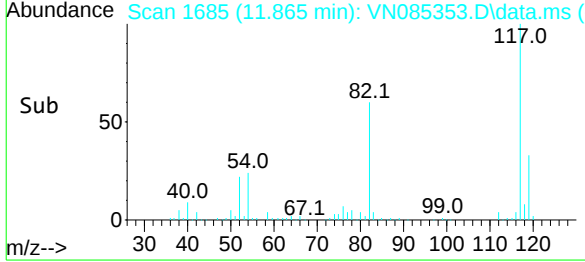
Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS01



Tgt Ion:117 Resp: 248995
Ion Ratio Lower Upper
117 100
82 60.2 45.7 68.5
119 33.2 25.8 38.8

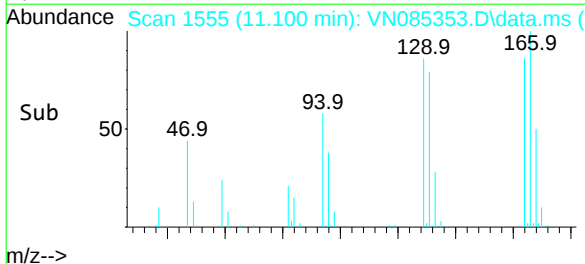
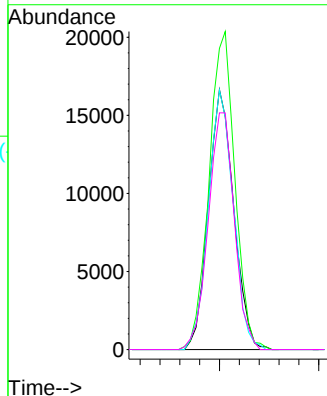
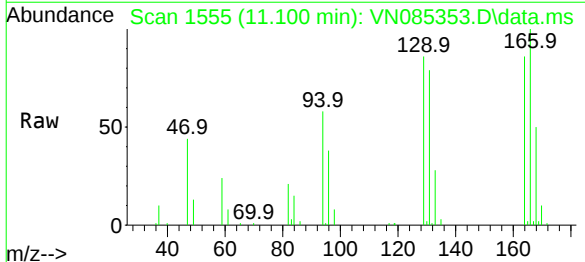
Manual Integrations
APPROVED

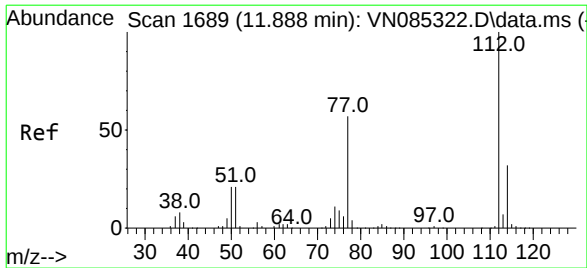
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#64
Tetrachloroethene
Concen: 18.826 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Tgt Ion:164 Resp: 29702
Ion Ratio Lower Upper
164 100
166 115.8 104.0 156.0
129 99.9 81.3 121.9
131 91.0 75.0 112.6





#65

Chlorobenzene

Concen: 18.494 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN085353.D

Acq: 30 Dec 2024 18:26

Instrument :

MSVOA_N

ClientSampleId :

VN1230MBS01

Tgt Ion:112 Resp: 99514

Ion Ratio Lower Upper

112 100

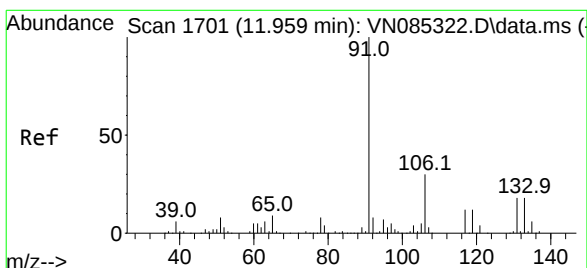
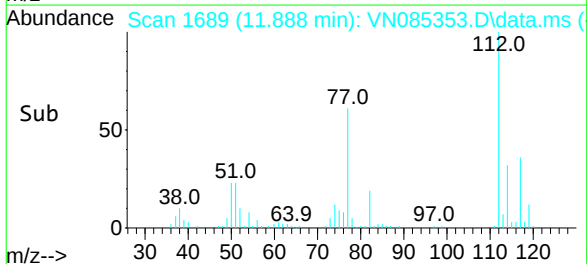
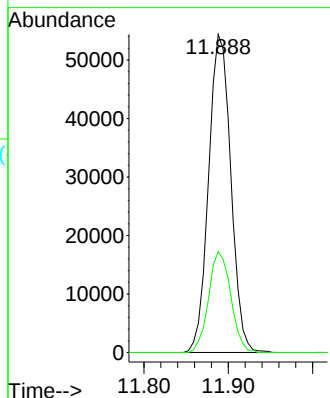
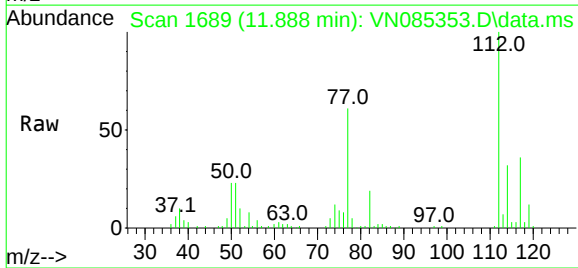
114 31.7 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 19.646 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN085353.D

Acq: 30 Dec 2024 18:26

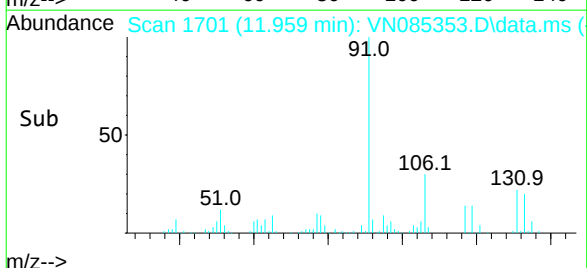
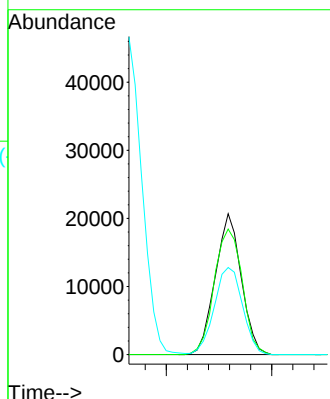
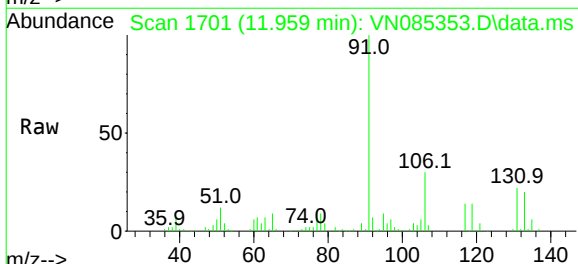
Tgt Ion:131 Resp: 35478

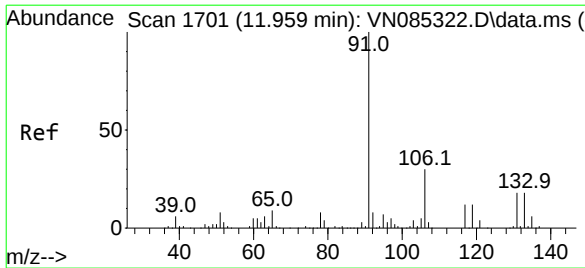
Ion Ratio Lower Upper

131 100

133 95.8 48.3 144.9

119 67.3 33.4 100.1





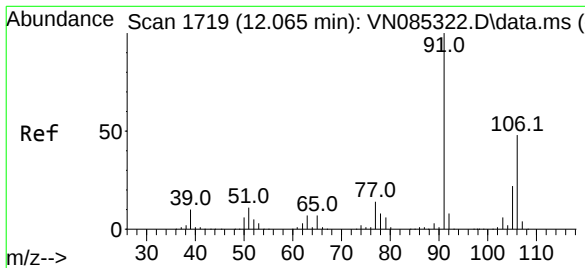
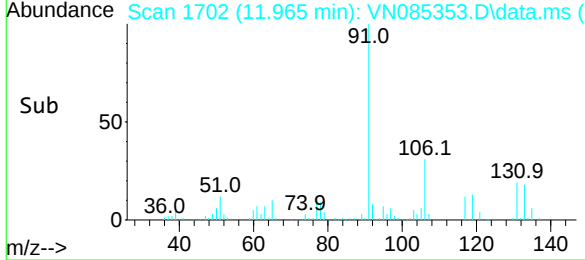
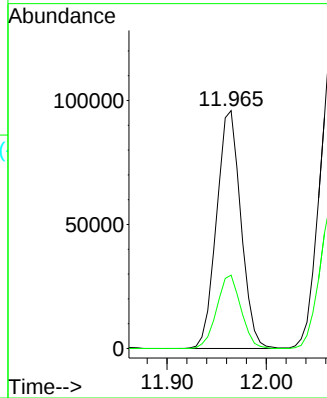
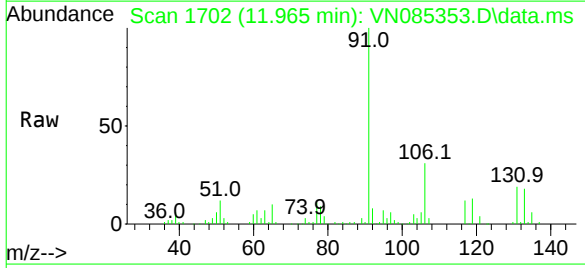
#67
Ethyl Benzene
Concen: 18.264 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS01

Tgt Ion: 91 Resp: 163432
Ion Ratio Lower Upper
91 100
106 30.8 24.0 36.0

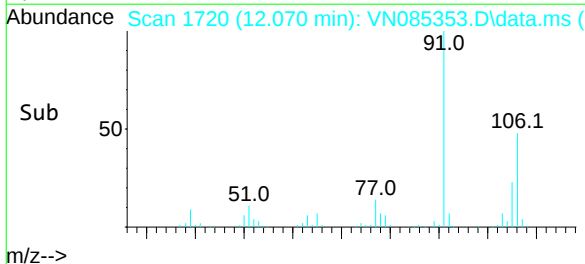
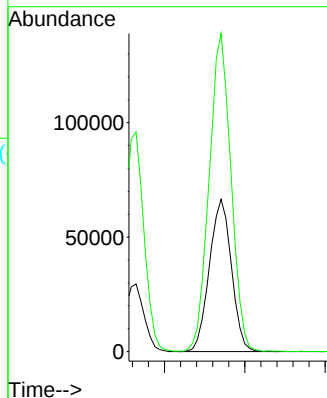
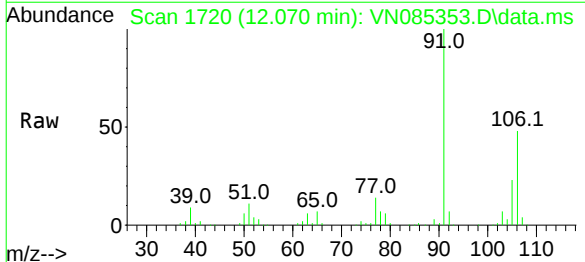
Manual Integrations
APPROVED

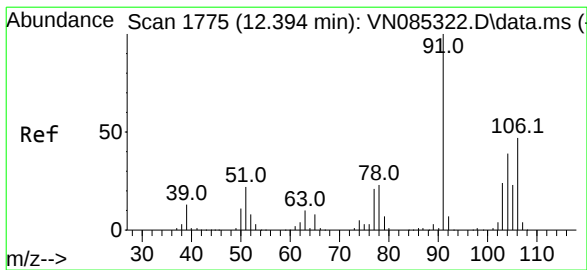
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#68
m/p-Xylenes
Concen: 38.719 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Tgt Ion:106 Resp: 126796
Ion Ratio Lower Upper
106 100
91 207.3 165.2 247.8





#69

o-Xylene

Concen: 18.767 ug/l

RT: 12.400 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VN085353.D

Acq: 30 Dec 2024 18:26

Instrument :

MSVOA_N

ClientSampleId :

VN1230MBS01

Tgt Ion:106 Resp: 59452

Ion Ratio Lower Upper

106 100

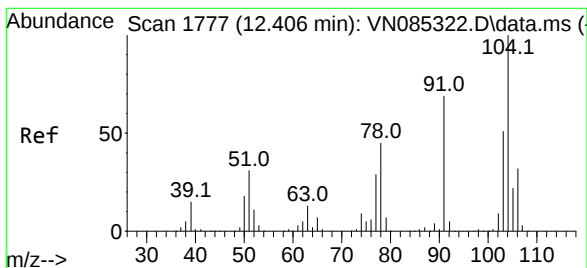
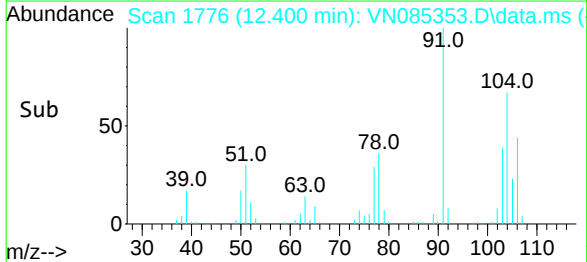
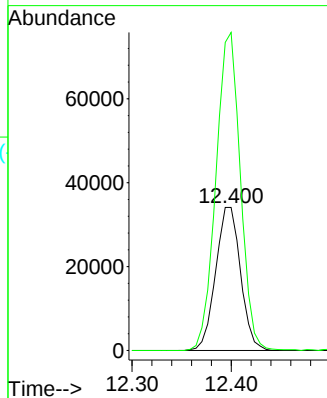
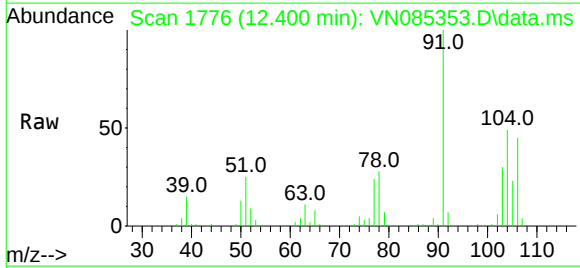
91 218.2 107.3 321.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#70

Styrene

Concen: 19.517 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VN085353.D

Acq: 30 Dec 2024 18:26

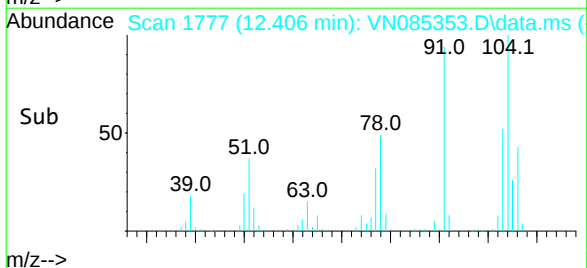
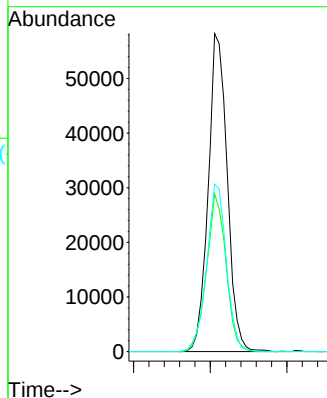
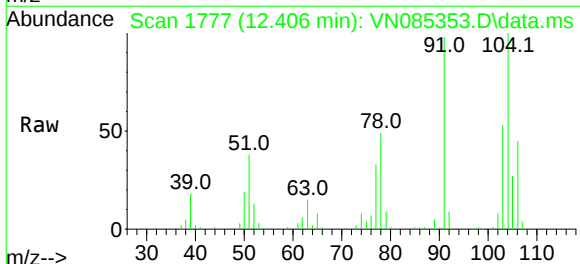
Tgt Ion:104 Resp: 100206

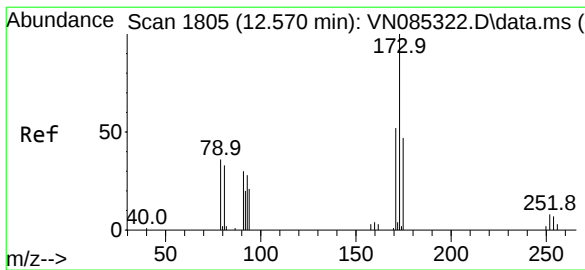
Ion Ratio Lower Upper

104 100

78 50.7 40.7 61.1

103 54.3 44.1 66.1





#71

Bromoform

Concen: 20.839 ug/l

RT: 12.576 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VN085353.D

Acq: 30 Dec 2024 18:26

Instrument :

MSVOA_N

ClientSampleId :

VN1230MBS01

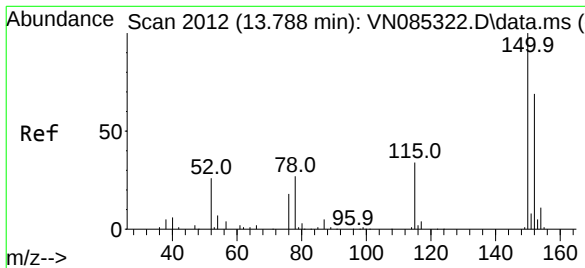
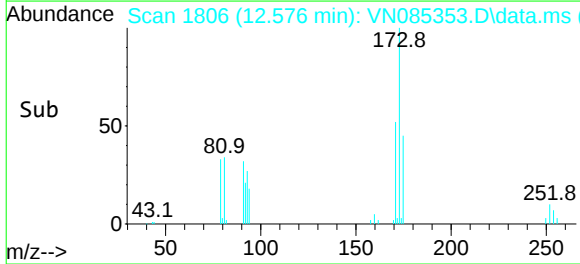
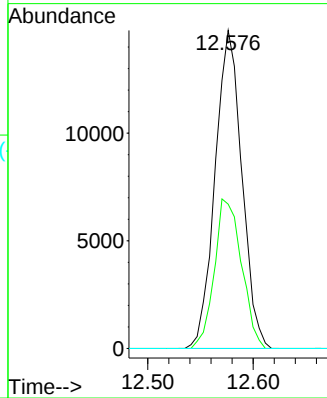
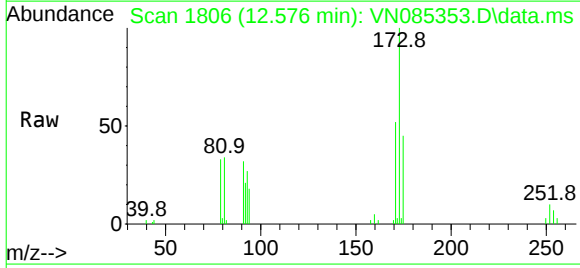
Tgt Ion:	173	Resp:	26066
Ion Ratio	Lower	Upper	
173	100		
175	47.7	24.4	73.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

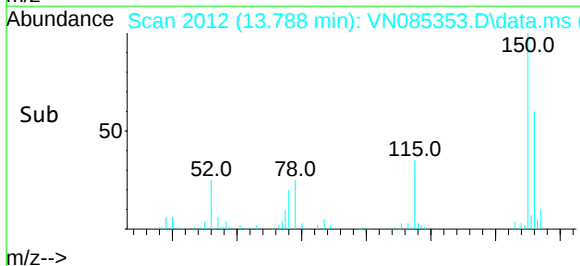
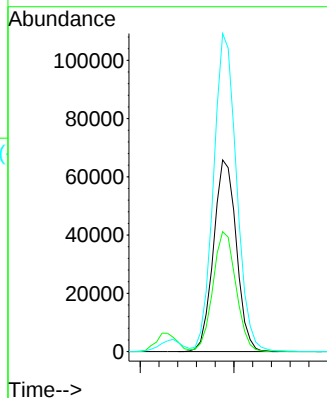
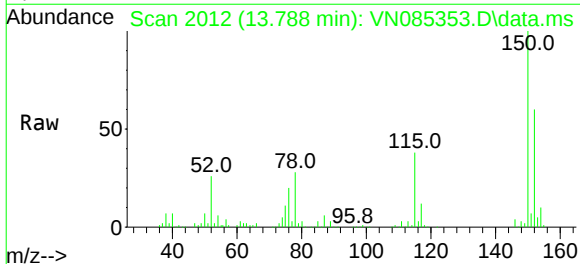
RT: 13.788 min Scan# 2012

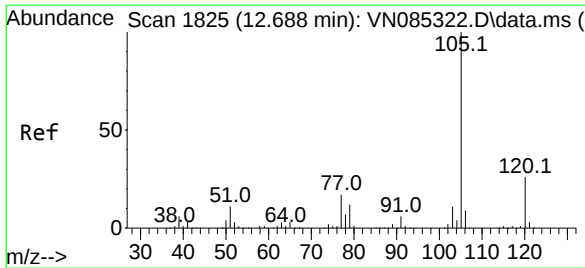
Delta R.T. -0.000 min

Lab File: VN085353.D

Acq: 30 Dec 2024 18:26

Tgt Ion:	152	Resp:	111539
Ion Ratio	Lower	Upper	
152	100		
115	63.0	30.4	91.3
150	167.7	0.0	345.0





#73

Isopropylbenzene

Concen: 18.722 ug/l

RT: 12.694 min Scan# 18

Delta R.T. 0.006 min

Lab File: VN085353.D

Acq: 30 Dec 2024 18:26

Instrument :

MSVOA_N

ClientSampleId :

VN1230MBS01

Tgt Ion:105 Resp: 150169

Ion Ratio Lower Upper

105 100

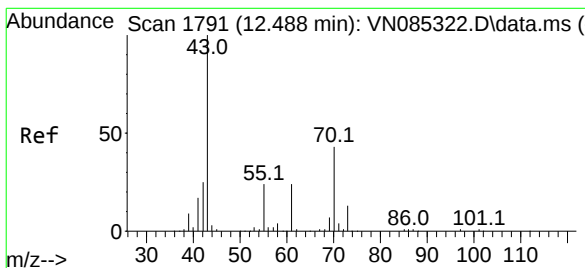
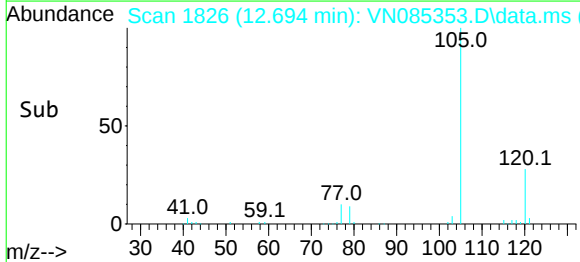
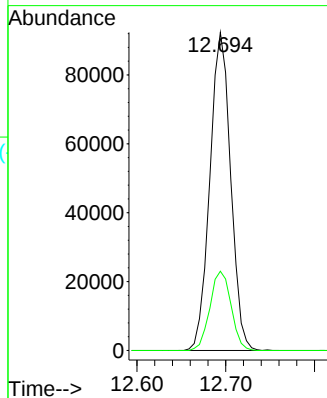
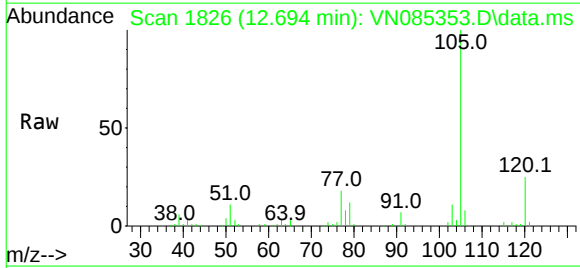
120 25.4 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#74

N-ethyl acetate

Concen: 20.533 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VN085353.D

Acq: 30 Dec 2024 18:26

Tgt Ion: 43 Resp: 70494

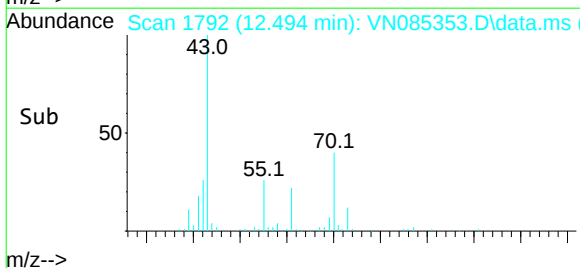
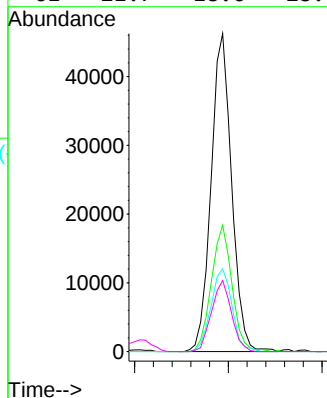
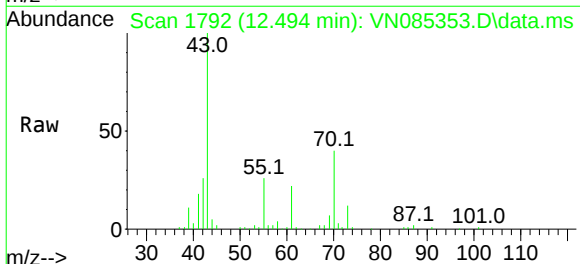
Ion Ratio Lower Upper

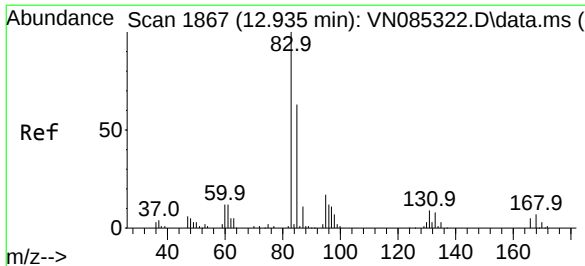
43 100

70 39.7 33.4 50.0

55 26.6 19.2 28.8

61 21.7 18.6 28.0





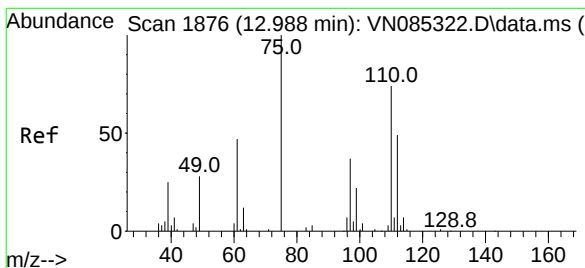
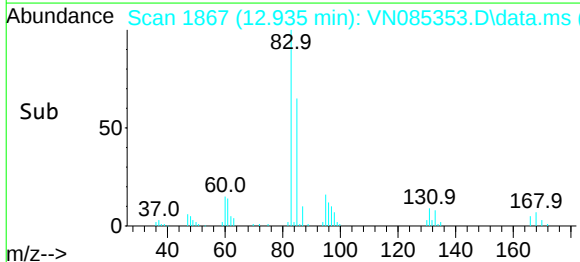
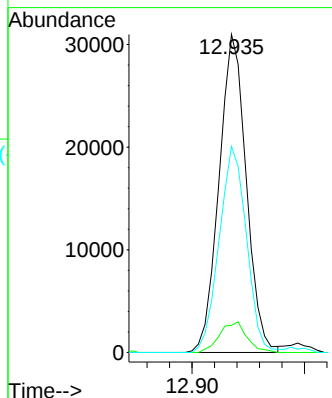
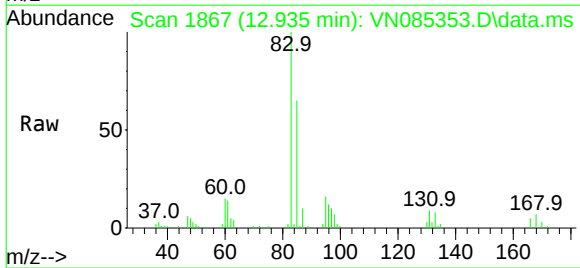
#75
1,1,2,2-Tetrachloroethane
Concen: 20.380 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.7	4.8	14.4
85	65.1	32.6	98.0

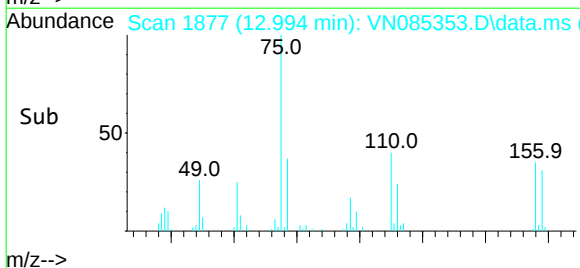
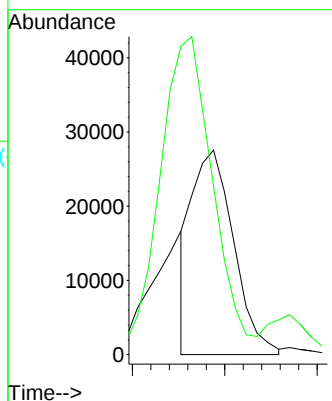
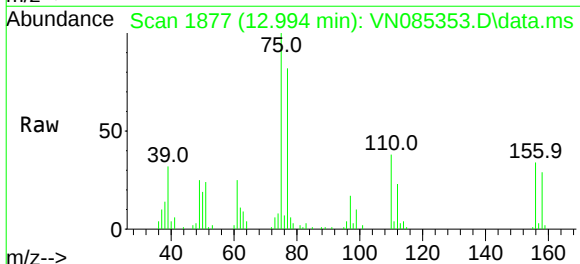
Manual Integrations
APPROVED

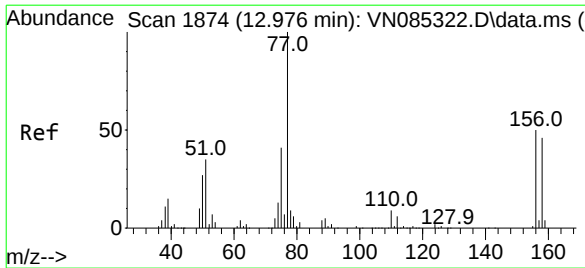
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#76
1,2,3-Trichloropropane
Concen: 20.804 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Tgt Ion	Ratio	Lower	Upper
75	100		
77	196.9	98.1	294.3





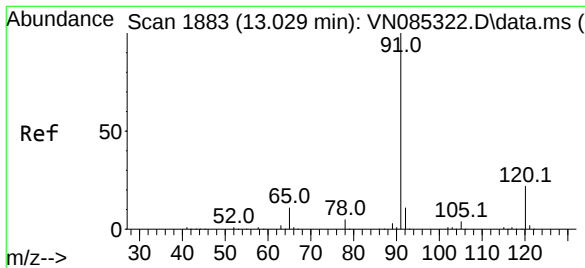
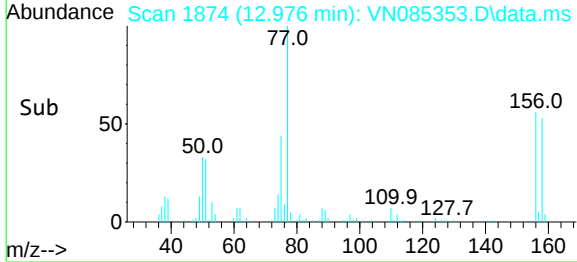
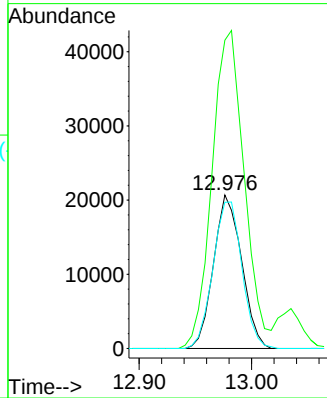
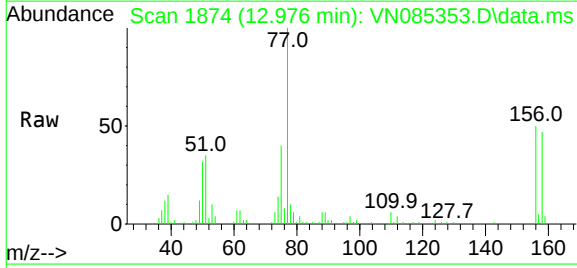
#77
Bromobenzene
Concen: 18.092 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS01

Tgt Ion: 156 Resp: 35952
Ion Ratio Lower Upper
156 100
77 237.4 114.0 342.0
158 98.7 47.6 142.8

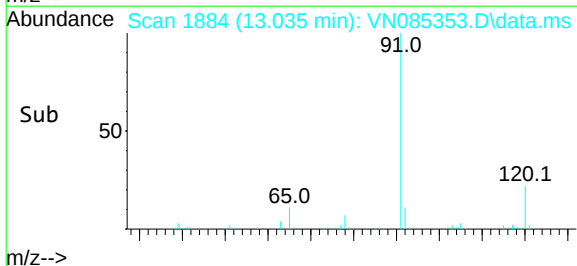
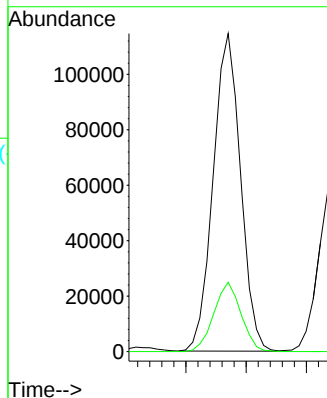
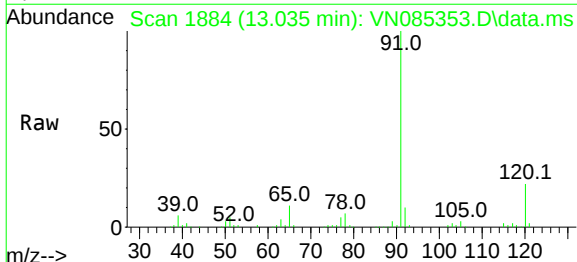
Manual Integrations
APPROVED

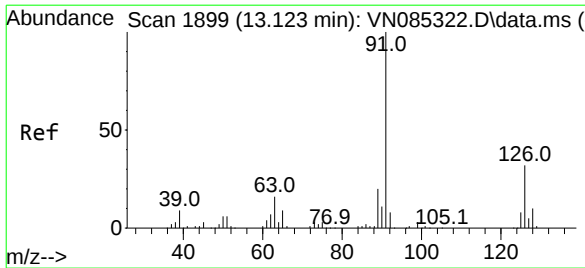
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#78
n-propylbenzene
Concen: 19.305 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Tgt Ion: 91 Resp: 180489
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.9





#79

2-Chlorotoluene

Concen: 19.324 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN085353.D

Acq: 30 Dec 2024 18:26

Instrument :

MSVOA_N

ClientSampleId :

VN1230MBS01

Tgt Ion: 91 Resp: 113705

Ion Ratio Lower Upper

91 100

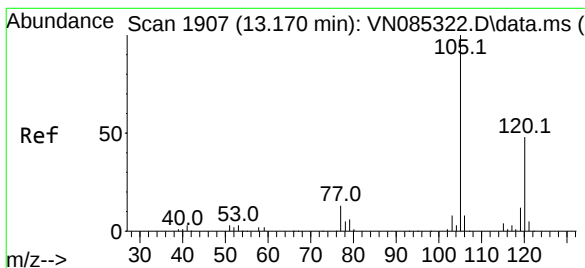
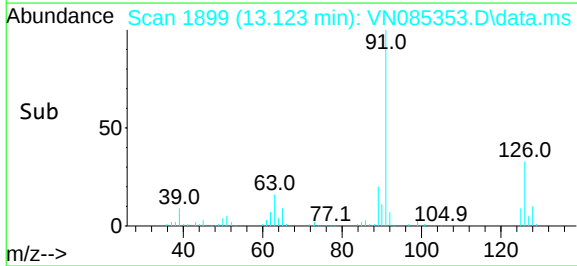
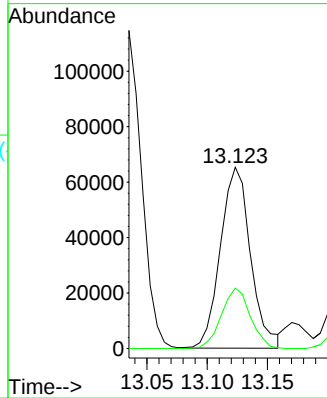
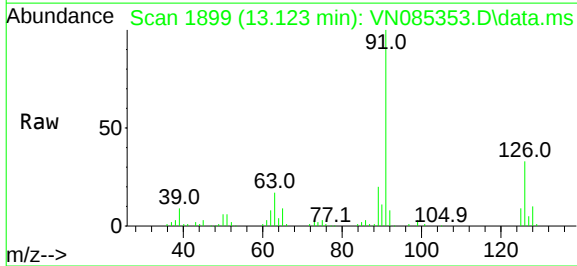
126 32.0 16.0 48.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#80

1,3,5-Trimethylbenzene

Concen: 19.459 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN085353.D

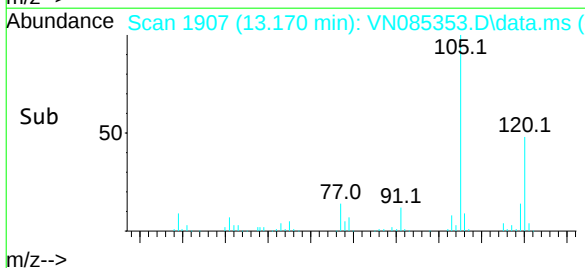
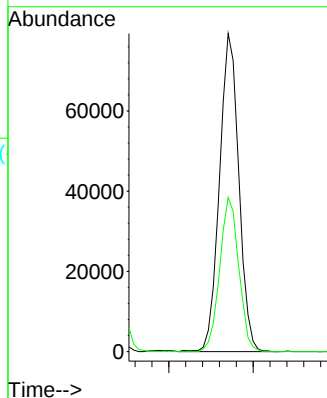
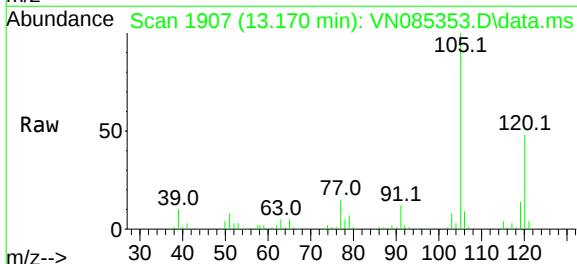
Acq: 30 Dec 2024 18:26

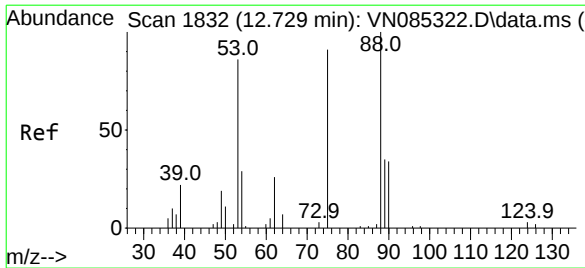
Tgt Ion:105 Resp: 126244

Ion Ratio Lower Upper

105 100

120 47.7 24.0 72.0





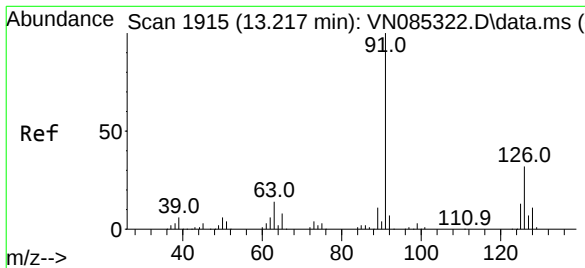
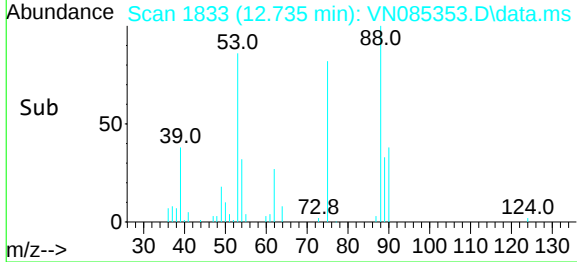
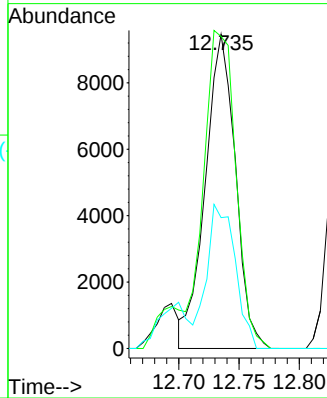
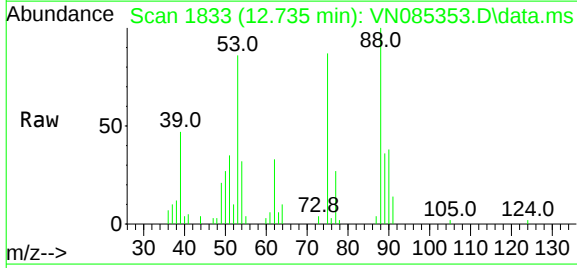
#81
trans-1,4-Dichloro-2-butene
Concen: 18.945 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS01

Tgt Ion: 75 Resp: 16477
Ion Ratio Lower Upper
75 100
53 119.7 80.0 120.0
89 42.9 35.8 53.8

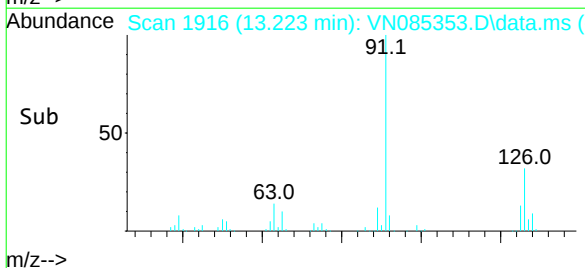
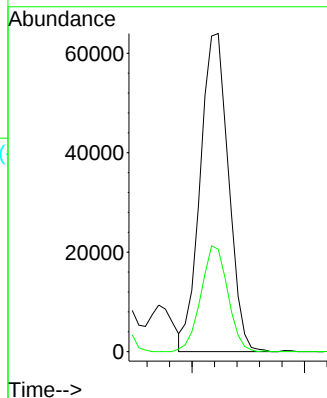
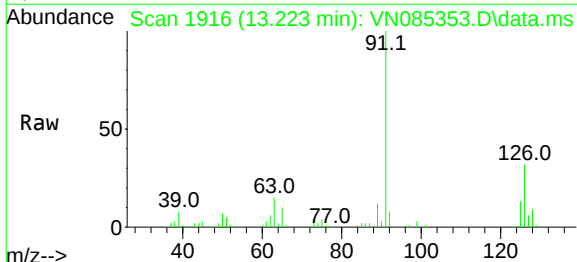
Manual Integrations
APPROVED

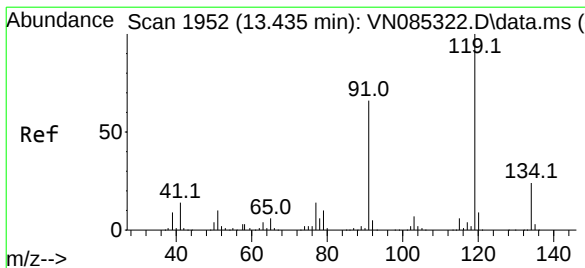
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#82
4-Chlorotoluene
Concen: 18.823 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Tgt Ion: 91 Resp: 111549
Ion Ratio Lower Upper
91 100
126 31.7 16.4 49.4





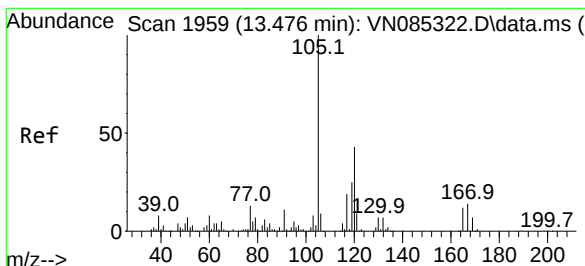
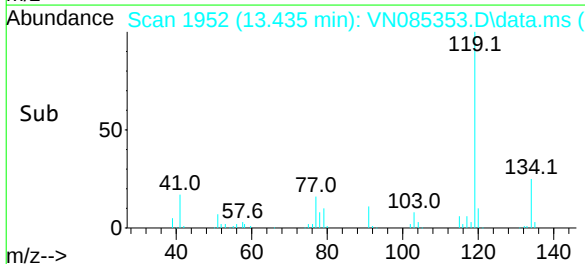
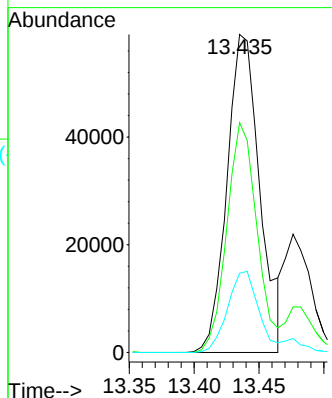
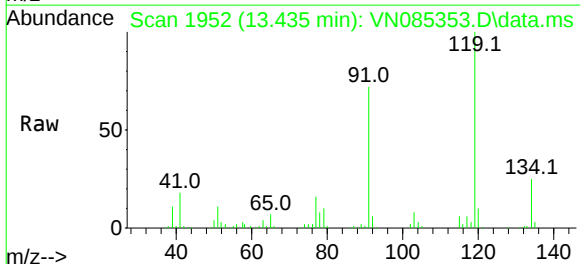
#83
tert-Butylbenzene
Concen: 18.601 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	66.2	33.6	100.8
134	24.0	13.3	39.8

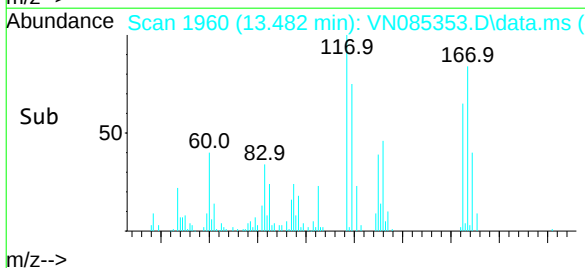
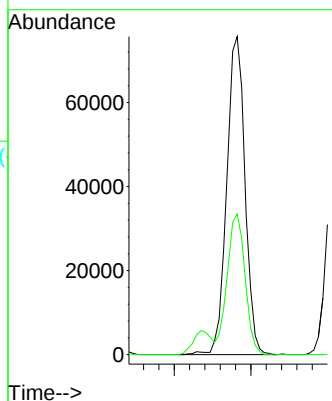
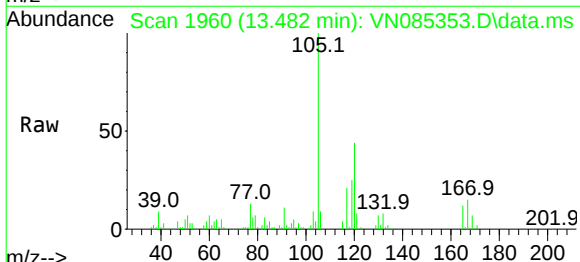
Manual Integrations
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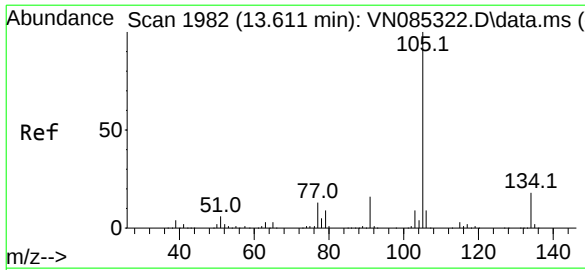
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#84
1,2,4-Trimethylbenzene
Concen: 19.355 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.5	21.7	65.1





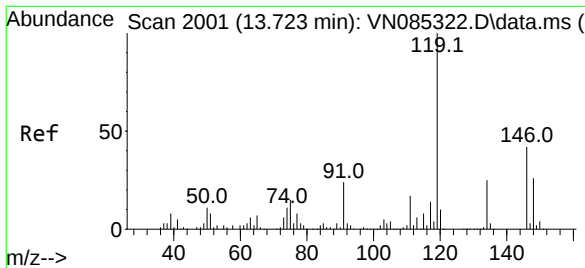
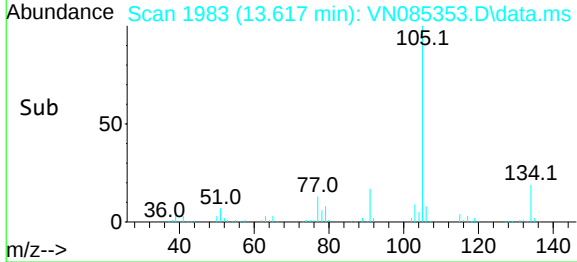
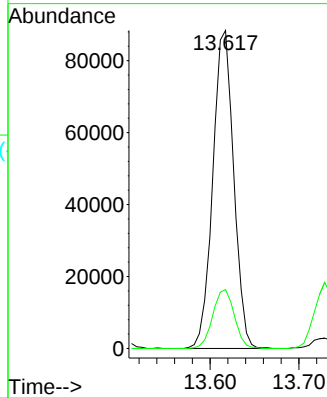
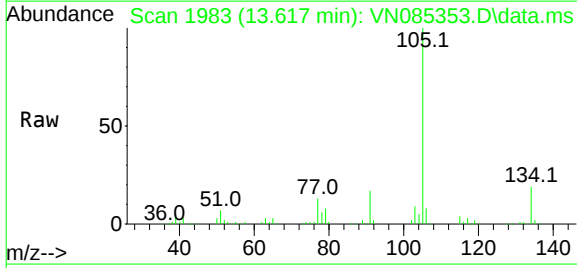
#85
sec-Butylbenzene
Concen: 18.561 ug/l
RT: 13.617 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS01

Tgt Ion:105 Resp: 144791
Ion Ratio Lower Upper
105 100
134 19.1 9.4 28.3

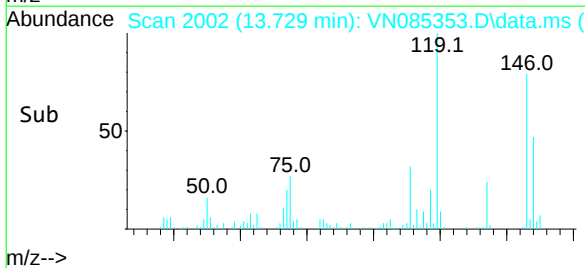
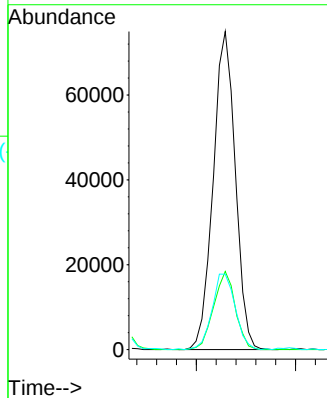
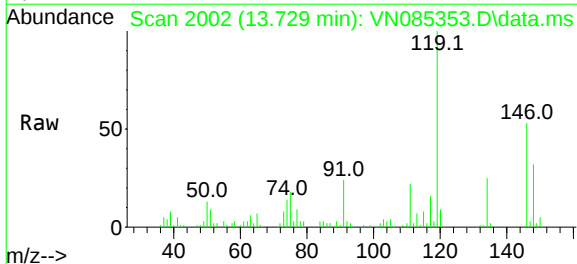
Manual Integrations
APPROVED

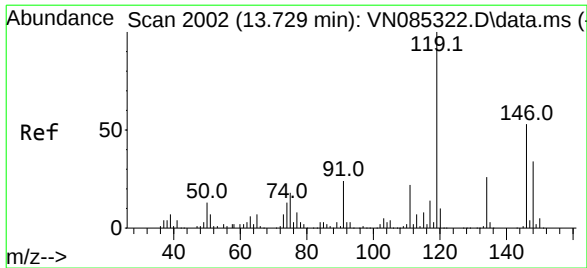
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#86
p-Isopropyltoluene
Concen: 17.433 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Tgt Ion:119 Resp: 116137
Ion Ratio Lower Upper
119 100
134 24.0 12.5 37.5
91 24.9 12.2 36.4





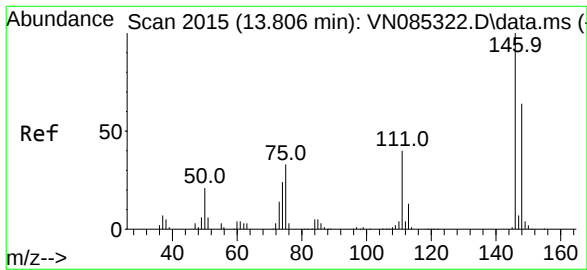
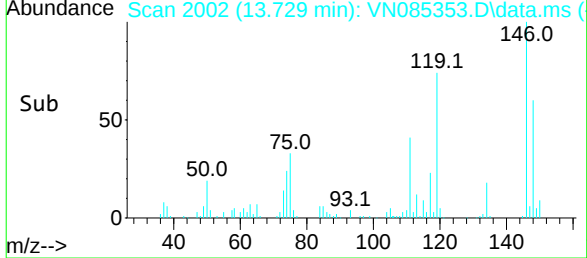
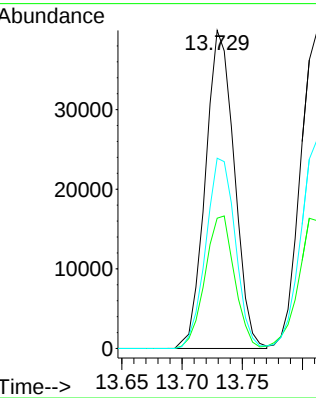
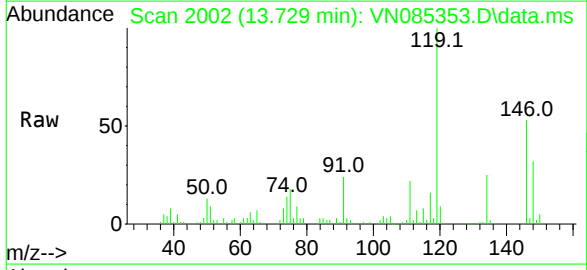
#87
1,3-Dichlorobenzene
Concen: 18.500 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS01

Tgt Ion:	146	Resp:	66647
Ion Ratio	Lower	Upper	
146	100		
111	42.5	21.3	63.9
148	61.2	31.5	94.5

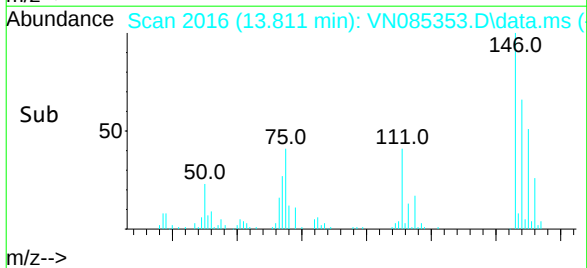
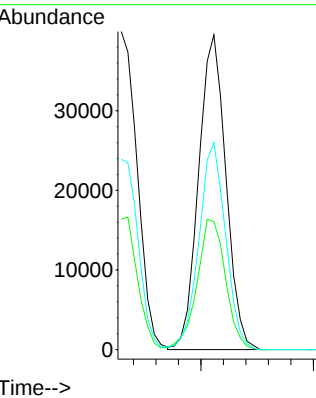
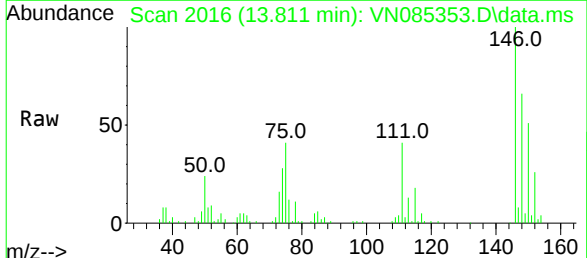
Manual Integrations
APPROVED

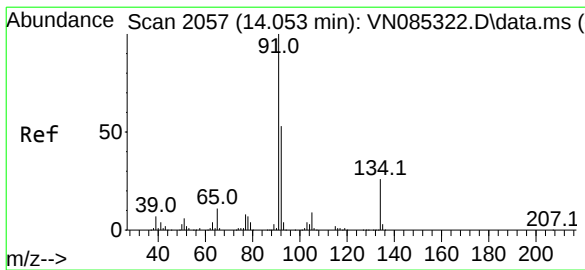
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#88
1,4-Dichlorobenzene
Concen: 17.985 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Tgt Ion:	146	Resp:	66551
Ion Ratio	Lower	Upper	
146	100		
111	43.3	20.8	62.5
148	64.3	31.7	95.1





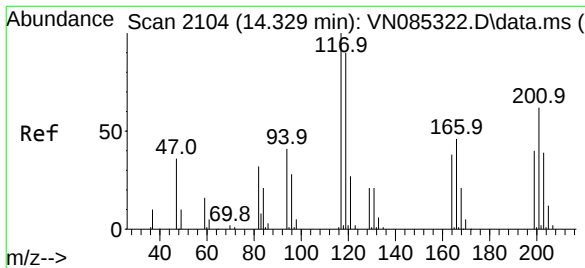
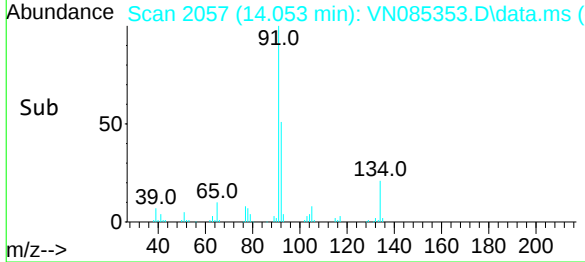
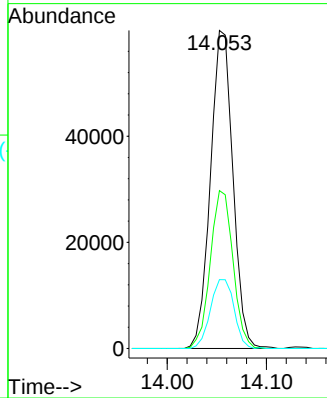
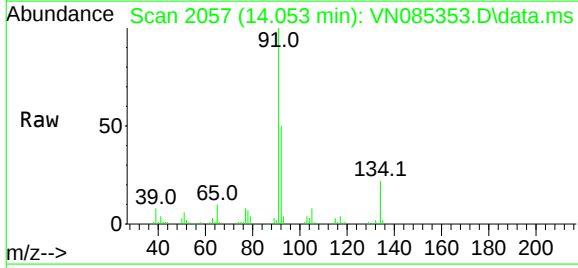
#89
n-Butylbenzene
Concen: 16.508 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.1	26.0	78.0
134	22.8	12.1	36.3

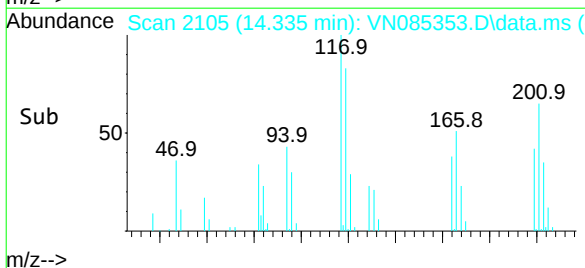
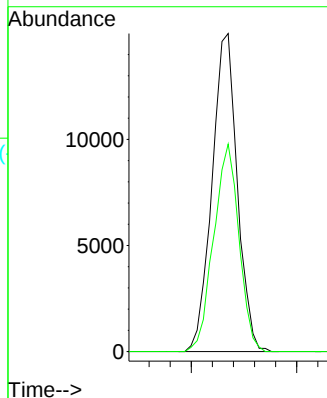
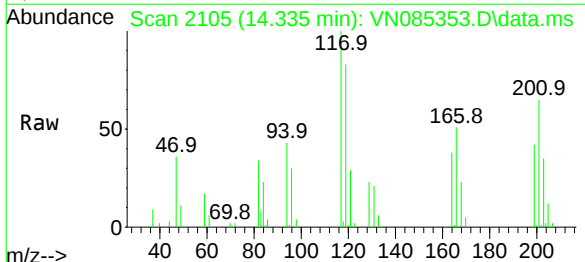
Manual Integrations
APPROVED

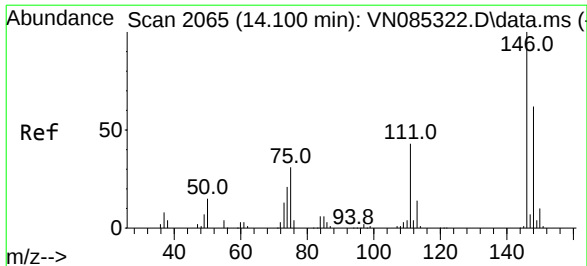
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#90
Hexachloroethane
Concen: 19.511 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

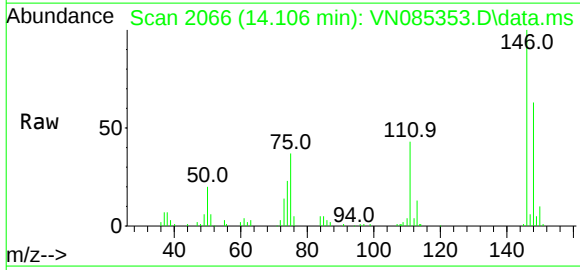
Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.3	30.7	92.1





#91
1,2-Dichlorobenzene
Concen: 18.610 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

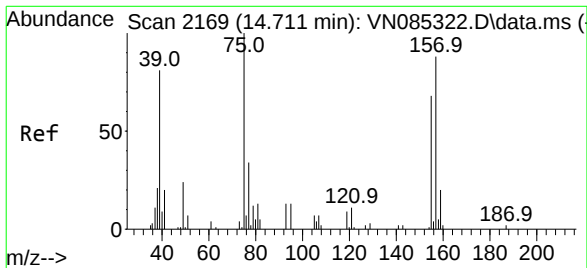
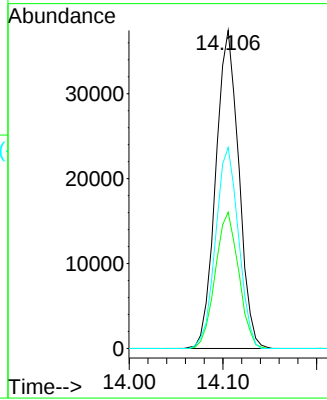
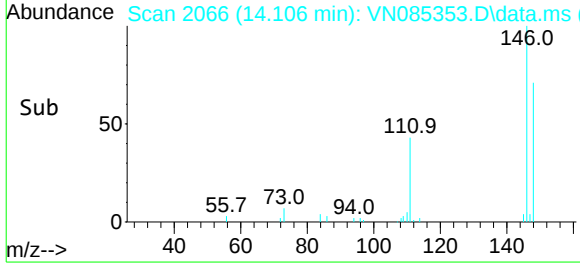
Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS01



Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.8	65.3
148	63.0	31.4	94.2

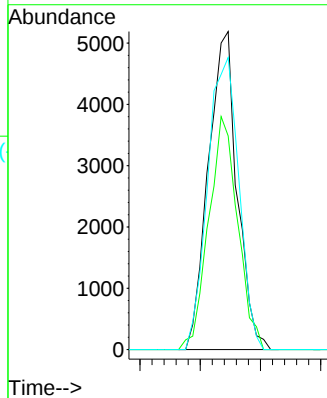
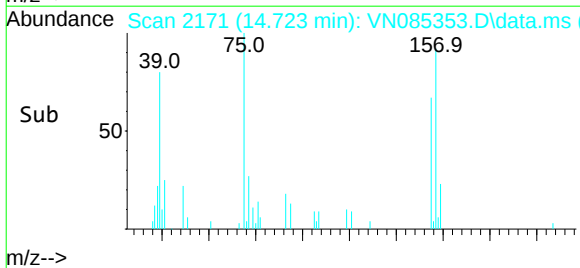
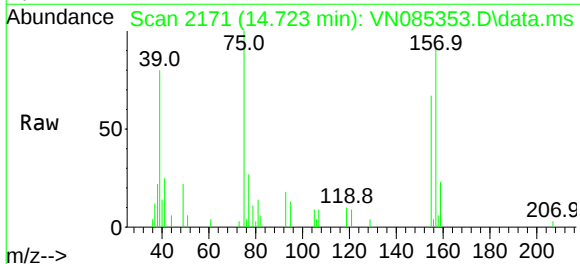
Manual Integrations
APPROVED

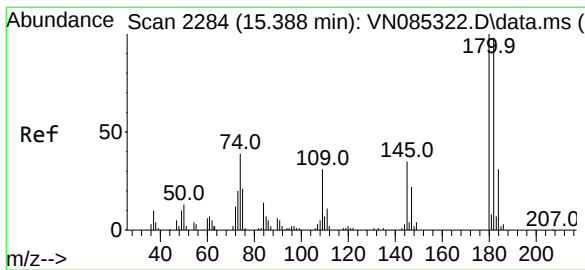
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.015 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.012 min
Lab File: VN085353.D
Acq: 30 Dec 2024 18:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.6	35.6	106.9
157	99.3	47.0	141.0





#93

1,2,4-Trichlorobenzene

Concen: 16.045 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.006 min

Lab File: VN085353.D

Acq: 30 Dec 2024 18:26

Instrument :

MSVOA_N

ClientSampleId :

VN1230MBS01

Tgt Ion:180 Resp: 27481

Ion Ratio Lower Upper

180 100

182 93.5 47.2 141.6

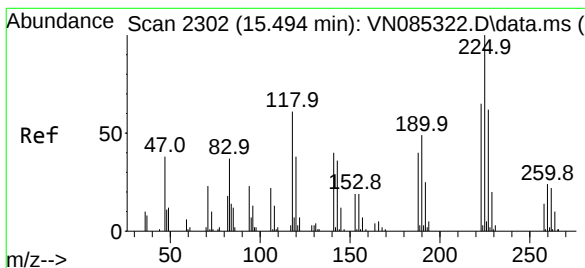
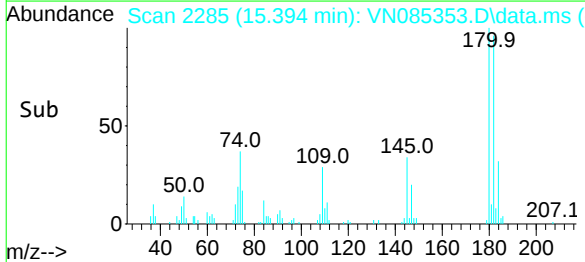
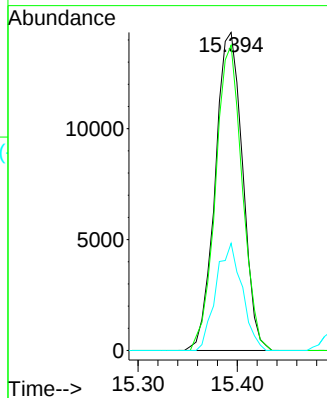
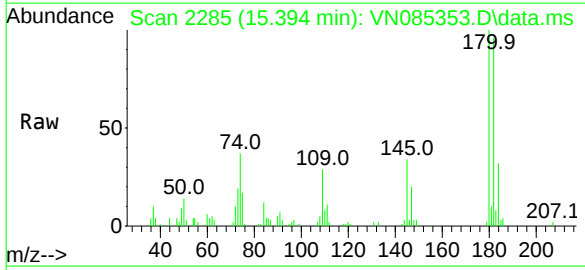
145 32.2 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#94

Hexachlorobutadiene

Concen: 15.734 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN085353.D

Acq: 30 Dec 2024 18:26

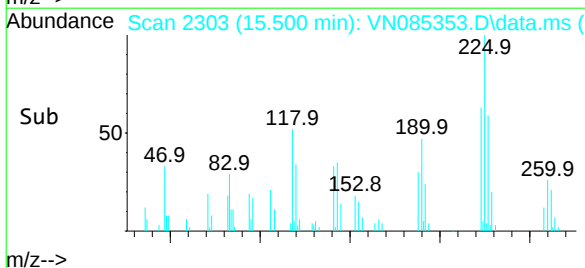
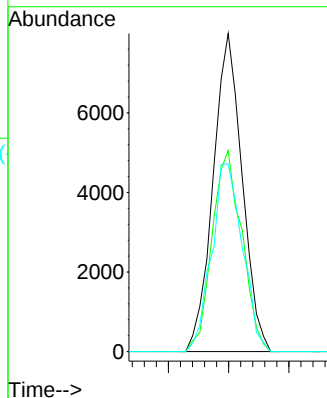
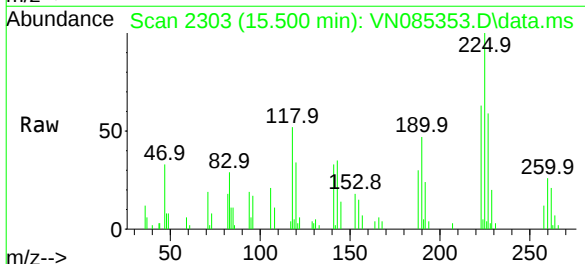
Tgt Ion:225 Resp: 13389

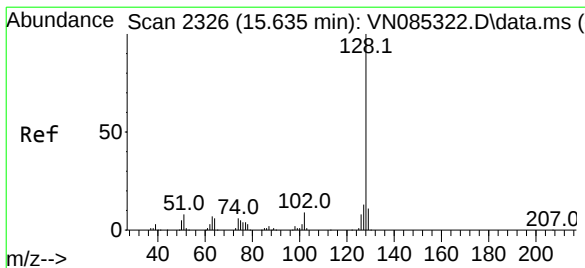
Ion Ratio Lower Upper

225 100

223 64.7 31.6 94.7

227 62.9 30.3 91.0





#95

Naphthalene

Concen: 14.180 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN085353.D

Acq: 30 Dec 2024 18:26

Instrument :

MSVOA_N

ClientSampleId :

VN1230MBS01

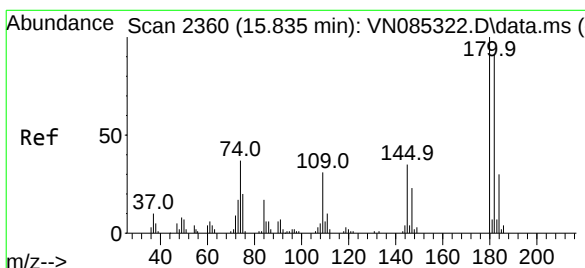
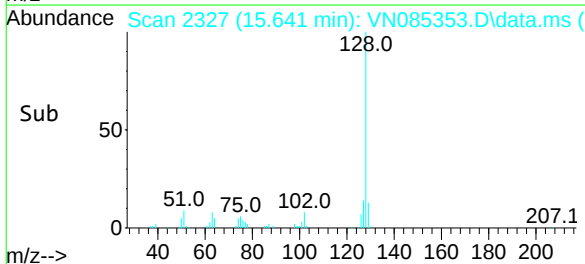
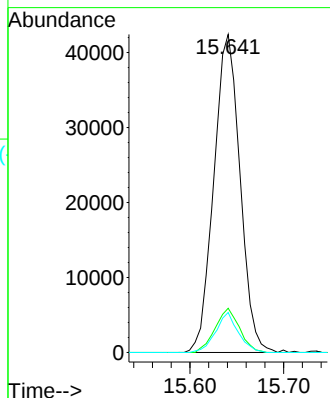
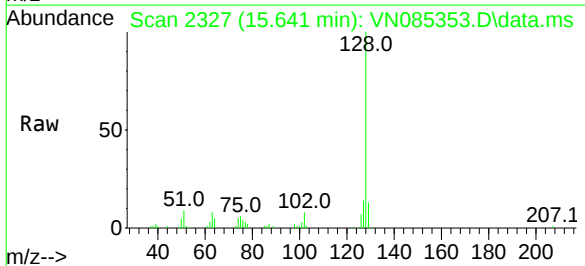
Tgt Ion:	128	Resp:	82353
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	16.0
129	10.9	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#96

1,2,3-Trichlorobenzene

Concen: 15.981 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085353.D

Acq: 30 Dec 2024 18:26

Tgt Ion:	180	Resp:	27348
Ion Ratio	Lower	Upper	
180	100		
182	93.2	46.8	140.4
145	34.5	17.2	51.6

