

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112224\
 Data File : VN085008.D
 Acq On : 22 Nov 2024 12:34
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/25/2024
 Supervised By : Mahesh Dadoda 11/25/2024

Quant Time: Nov 23 02:00:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 01:56:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	161407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	278264	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	234609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	23734	10.323	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	20.640%#		
35) Dibromofluoromethane	8.159	113	18392	9.801	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	19.600%#		
50) Toluene-d8	10.559	98	64656	9.614	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	19.220%#		
62) 4-Bromofluorobenzene	12.847	95	24371	9.691	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	19.380%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	17355	9.509	ug/l	98
3) Chloromethane	2.359	50	19463	9.194	ug/l	93
4) Vinyl Chloride	2.512	62	18378	9.661	ug/l	99
5) Bromomethane	2.901	94	10681	10.017	ug/l	99
6) Chloroethane	3.077	64	12602	9.828	ug/l #	88
7) Trichlorofluoromethane	3.477	101	30566	9.445	ug/l	98
8) Diethyl Ether	3.953	74	10394	9.437	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.353	101	17791	9.693	ug/l	98
10) Methyl Iodide	4.583	142	22722	9.353	ug/l	95
11) Tert butyl alcohol	5.542	59	15491	50.421	ug/l #	81
12) 1,1-Dichloroethene	4.324	96	16330	9.532	ug/l	93
13) Acrolein	4.183	56	10601	51.710	ug/l	99
14) Allyl chloride	5.006	41	28006	9.697	ug/l	97
15) Acrylonitrile	5.718	53	40469	46.525	ug/l	98
16) Acetone	4.430	43	32743	48.900	ug/l	99
17) Carbon Disulfide	4.700	76	47181	9.331	ug/l #	93
18) Methyl Acetate	5.018	43	23065	9.856	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	53672	9.589	ug/l	96
20) Methylene Chloride	5.271	84	19680	9.632	ug/l	93
21) trans-1,2-Dichloroethene	5.777	96	16759	9.296	ug/l	92
22) Diisopropyl ether	6.665	45	56475	9.716	ug/l	99
23) Vinyl Acetate	6.594	43	192330	47.962	ug/l	100
24) 1,1-Dichloroethane	6.559	63	33350	9.588	ug/l #	92
25) 2-Butanone	7.477	43	51223	46.790	ug/l	95
26) 2,2-Dichloropropane	7.477	77	30494	9.388	ug/l	98
27) cis-1,2-Dichloroethene	7.477	96	20469	9.418	ug/l	99
28) Bromochloromethane	7.806	49	12594	9.591	ug/l	95
29) Tetrahydrofuran	7.841	42	32197	47.294	ug/l	99
30) Chloroform	7.959	83	34651	9.365	ug/l	98
31) Cyclohexane	8.253	56	29526	9.641	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	32054	9.587	ug/l	98
36) 1,1-Dichloropropene	8.371	75	23205	9.130	ug/l	99
37) Ethyl Acetate	7.559	43	22487	9.732	ug/l #	97
38) Carbon Tetrachloride	8.353	117	26952	9.186	ug/l	97
39) Methylcyclohexane	9.594	83	23924	9.058	ug/l	96
40) Benzene	8.600	78	75597	9.404	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	12417	9.705	ug/l	99
42) 1,2-Dichloroethane	8.659	62	25169	9.152	ug/l	100
43) Isopropyl Acetate	8.688	43	43717	9.108	ug/l	95
44) Trichloroethene	9.347	130	17835	9.547	ug/l	90
45) 1,2-Dichloropropane	9.618	63	18902	9.546	ug/l	98
46) Dibromomethane	9.706	93	12540	9.114	ug/l	96
47) Bromodichloromethane	9.888	83	27136	9.306	ug/l	95
48) Methyl methacrylate	9.677	41	16793	9.402	ug/l	95
49) 1,4-Dioxane	9.694	88	6366	205.527	ug/l #	90
51) 4-Methyl-2-Pentanone	10.441	43	106422	48.544	ug/l	100
52) Toluene	10.630	92	44072	9.261	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	27040	9.249	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	28183	9.087	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	17498	9.871	ug/l	98
56) Ethyl methacrylate	10.871	69	24309	9.385	ug/l	99
57) 1,3-Dichloropropane	11.159	76	29257	9.378	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	61252	48.207	ug/l	97
59) 2-Hexanone	11.194	43	77951	47.542	ug/l	98
60) Dibromochloromethane	11.353	129	19478	8.991	ug/l	97
61) 1,2-Dibromoethane	11.465	107	17673	9.633	ug/l	95
64) Tetrachloroethene	11.100	164	15092	9.547	ug/l	94
65) Chlorobenzene	11.888	112	51106	9.605	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	17966	9.590	ug/l	98
67) Ethyl Benzene	11.959	91	79668	9.229	ug/l	95
68) m/p-Xylenes	12.071	106	62195	18.925	ug/l	98
69) o-Xylene	12.394	106	30067	9.618	ug/l	95
70) Styrene	12.412	104	50150	9.647	ug/l	99
71) Bromoform	12.576	173	12832	9.228	ug/l #	96
73) Isopropylbenzene	12.694	105	75080	9.644	ug/l	98
74) N-amyl acetate	12.488	43	29811	9.292	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	25341	9.532	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	16940m	8.206	ug/l	
77) Bromobenzene	12.976	156	19904	9.500	ug/l	99
78) n-propylbenzene	13.035	91	85642	9.537	ug/l	98
79) 2-Chlorotoluene	13.123	91	58233	9.715	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	63212	9.676	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	8603	9.738	ug/l	99
82) 4-Chlorotoluene	13.218	91	60156	9.640	ug/l	100
83) tert-Butylbenzene	13.435	119	53773	9.566	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	64606	9.607	ug/l	99
85) sec-Butylbenzene	13.618	105	72405	9.535	ug/l	99
86) p-Isopropyltoluene	13.729	119	60467	9.647	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	38501	9.317	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	39471	9.360	ug/l	99
89) n-Butylbenzene	14.059	91	52430	8.994	ug/l	100
90) Hexachloroethane	14.335	117	12541	9.179	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	37183	9.390	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	4917	9.565	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	20285	9.429	ug/l	97
94) Hexachlorobutadiene	15.500	225	9015	9.080	ug/l	98
95) Naphthalene	15.641	128	54191	8.844	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	18745	9.132	ug/l	98

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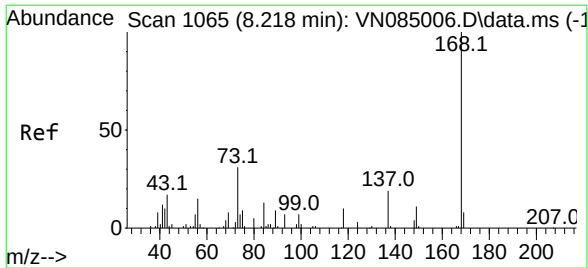
Manual Integrations
APPROVED

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

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



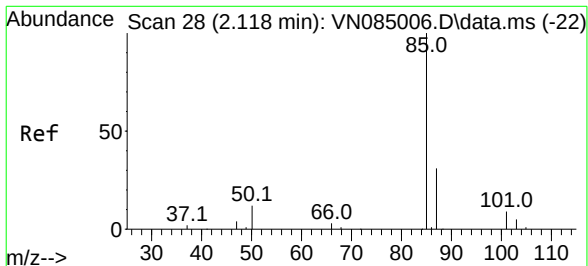
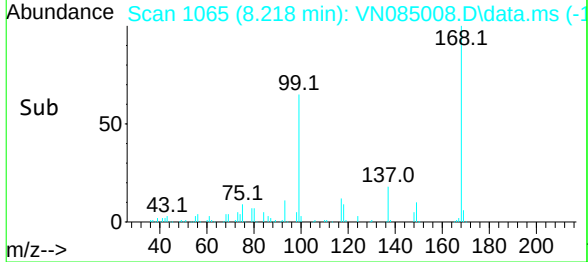
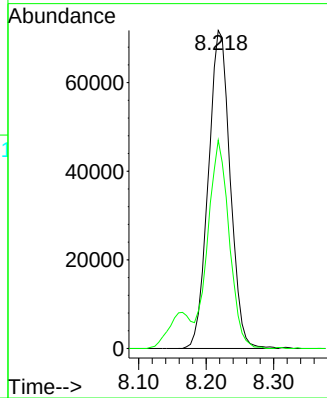
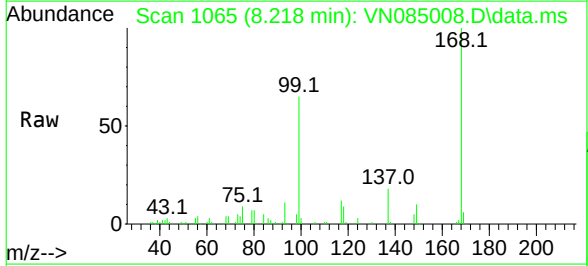
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:168 Resp: 161407
Ion Ratio Lower Upper
168 100
99 65.2 51.2 76.8

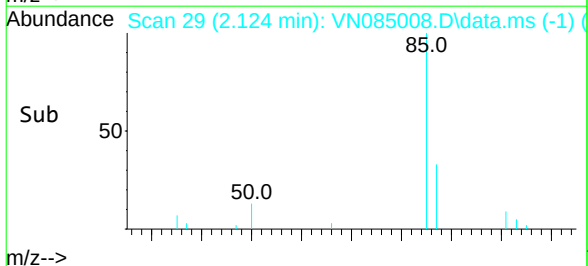
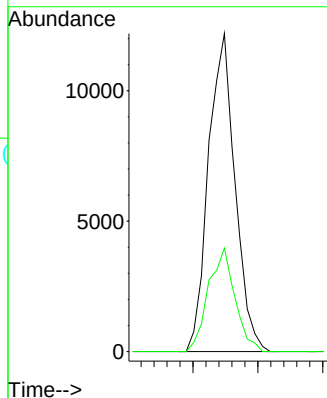
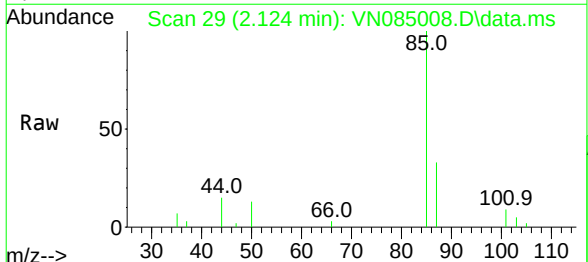
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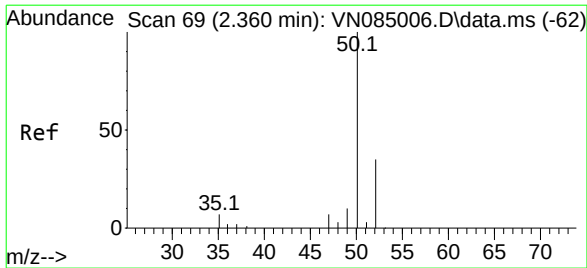
Reviewed By :John Carlone 11/25/2024
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#2
Dichlorodifluoromethane
Concen: 9.509 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.006 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

Tgt Ion: 85 Resp: 17355
Ion Ratio Lower Upper
85 100
87 32.5 15.7 47.1





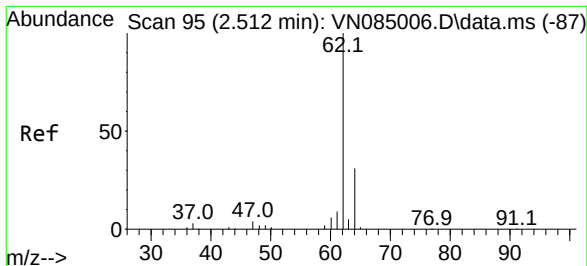
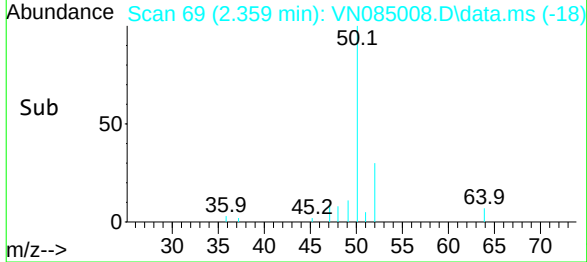
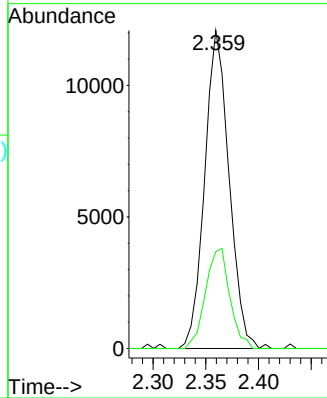
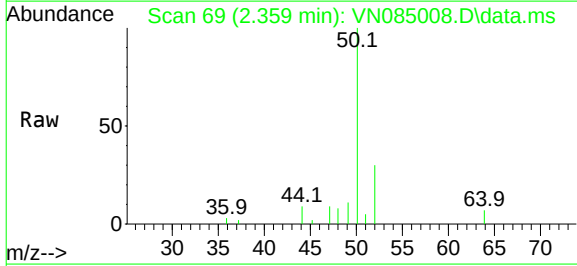
#3
Chloromethane
Concen: 9.194 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

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Tgt Ion: 50 Resp: 19463
Ion Ratio Lower Upper
50 100
52 30.5 27.8 41.8

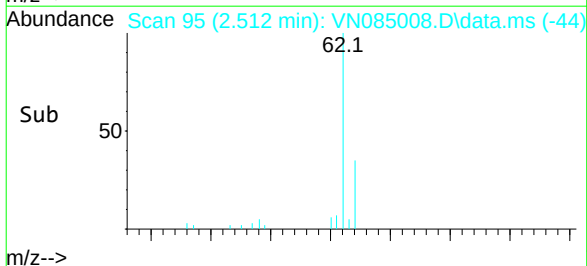
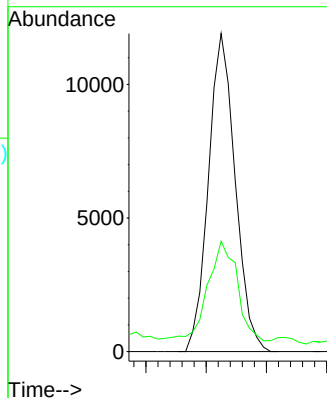
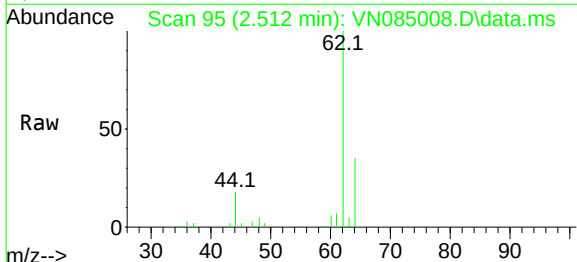
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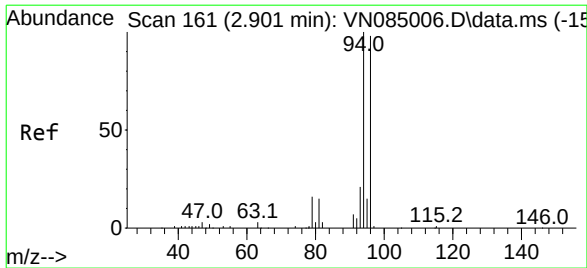
Reviewed By :John Carlone 11/25/2024
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#4
Vinyl Chloride
Concen: 9.661 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

Tgt Ion: 62 Resp: 18378
Ion Ratio Lower Upper
62 100
64 30.3 24.6 36.8





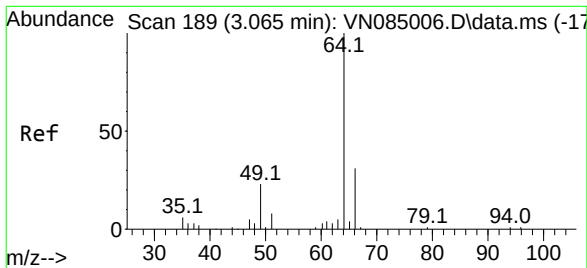
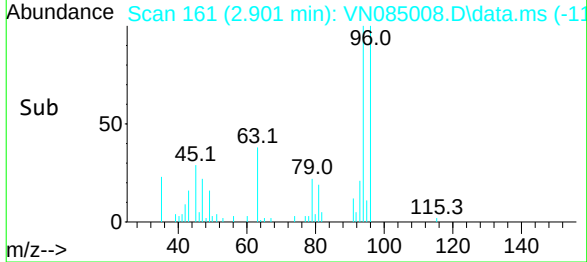
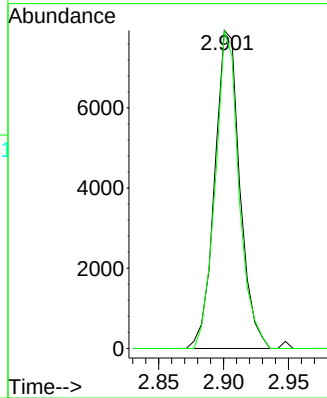
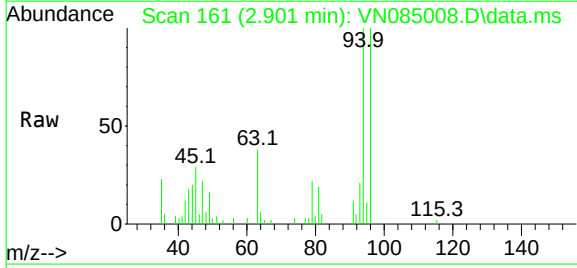
#5
Bromomethane
Concen: 10.017 ug/l
RT: 2.901 min Scan# 161
Delta R.T. -0.000 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

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Tgt Ion: 94 Resp: 10681
Ion Ratio Lower Upper
94 100
96 99.7 78.7 118.1

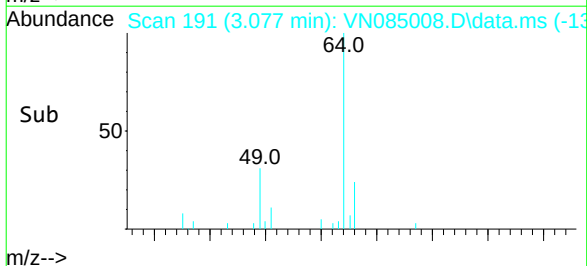
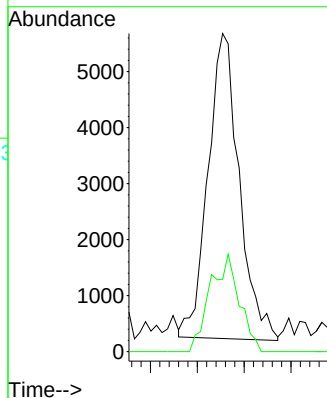
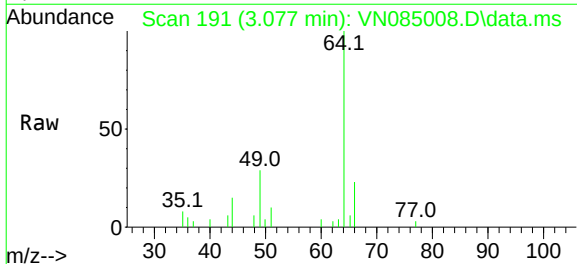
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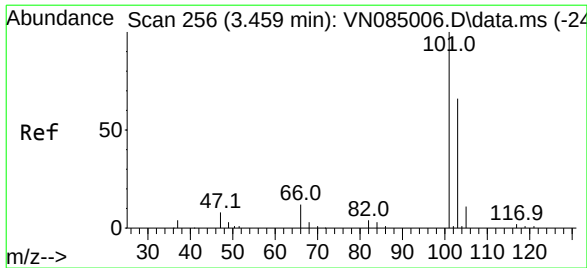
Reviewed By :John Carlone 11/25/2024
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#6
Chloroethane
Concen: 9.828 ug/l
RT: 3.077 min Scan# 191
Delta R.T. 0.012 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

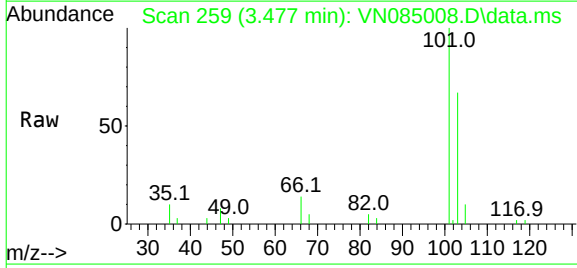
Tgt Ion: 64 Resp: 12602
Ion Ratio Lower Upper
64 100
66 23.8 24.4 36.6#





#7
 Trichlorofluoromethane
 Concen: 9.445 ug/l
 RT: 3.477 min Scan# 256
 Delta R.T. 0.018 min
 Lab File: VN085008.D
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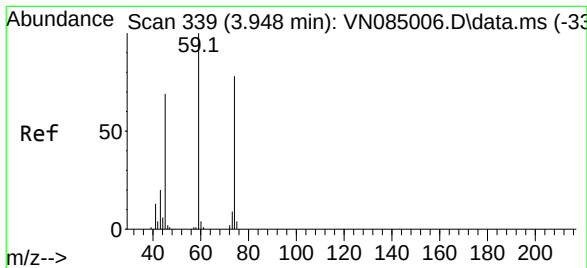
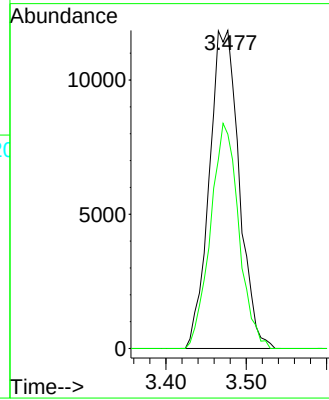
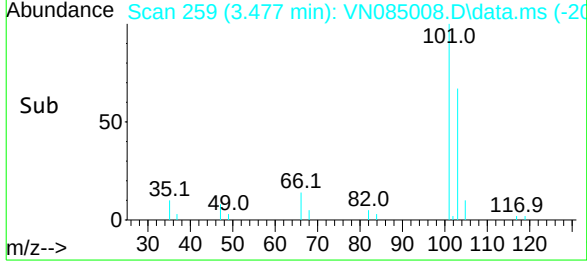
Instrument :
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Tgt Ion: 101 Resp: 30566
 Ion Ratio Lower Upper
 101 100
 103 67.4 52.6 78.8

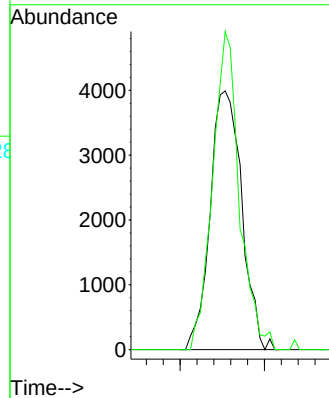
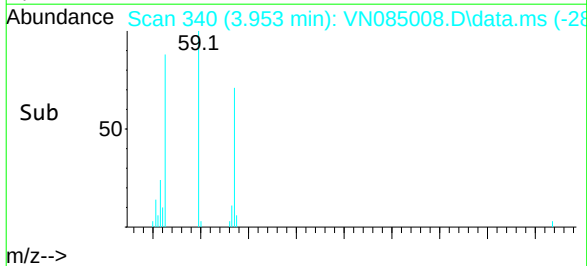
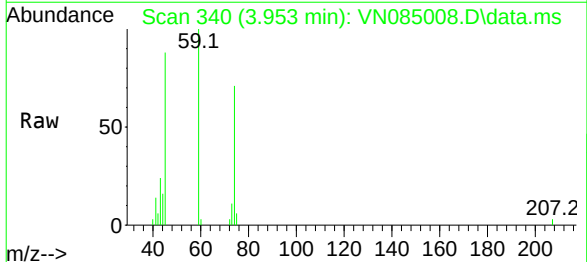
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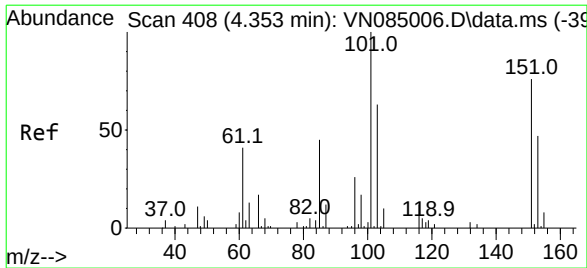
Reviewed By : John Carlone 11/25/2024
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#8
 Diethyl Ether
 Concen: 9.437 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. 0.006 min
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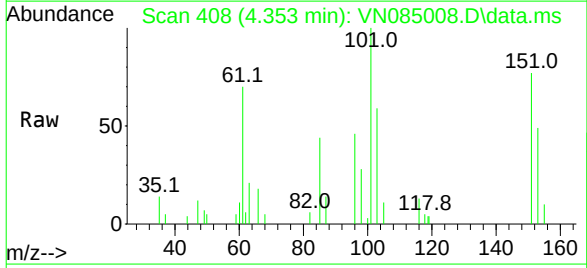
Tgt Ion: 74 Resp: 10394
 Ion Ratio Lower Upper
 74 100
 45 104.3 46.7 140.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.693 ug/l
RT: 4.353 min Scan# 408
Delta R.T. -0.000 min
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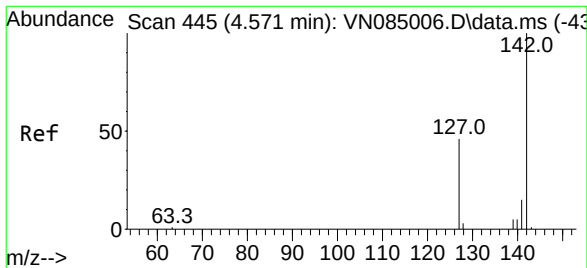
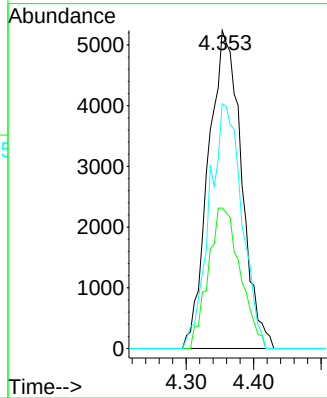
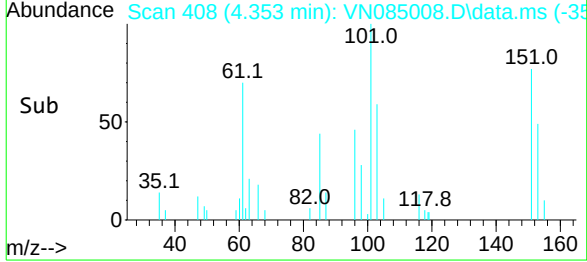
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ClientSampleId :
VSTDIC010



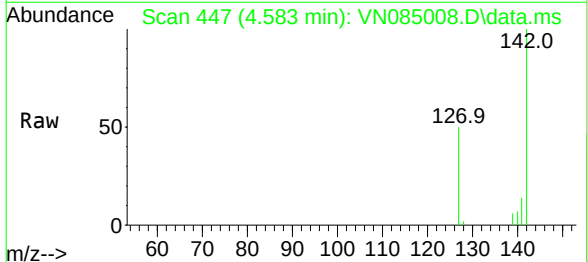
Tgt Ion:101 Resp: 17791
Ion Ratio Lower Upper
101 100
85 42.9 36.9 55.3
151 75.7 60.8 91.2

Manual Integrations
APPROVED

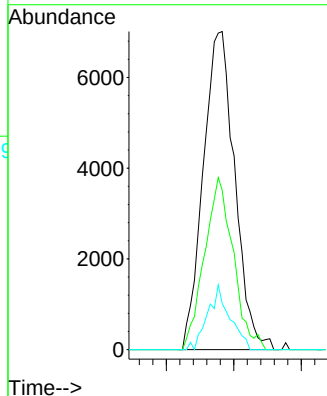
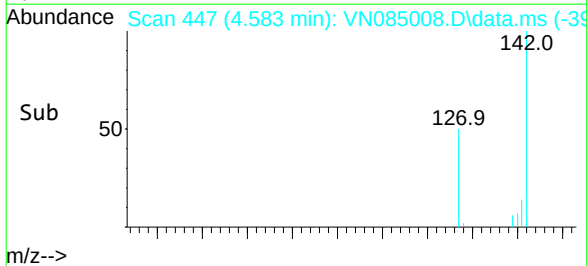
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024

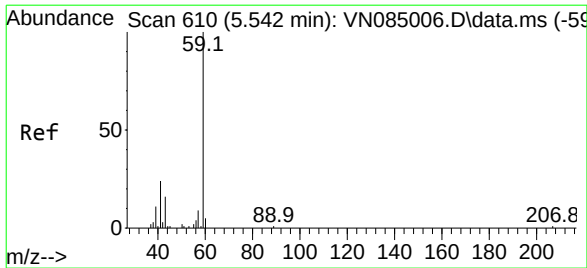


#10
Methyl Iodide
Concen: 9.353 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.012 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34



Tgt Ion:142 Resp: 22722
Ion Ratio Lower Upper
142 100
127 50.1 36.6 54.8
141 14.5 12.2 18.4





#11

Tert butyl alcohol

Concen: 50.421 ug/l

RT: 5.542 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN085008.D

Acq: 22 Nov 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 59 Resp: 15491

Ion Ratio Lower Upper

59 100

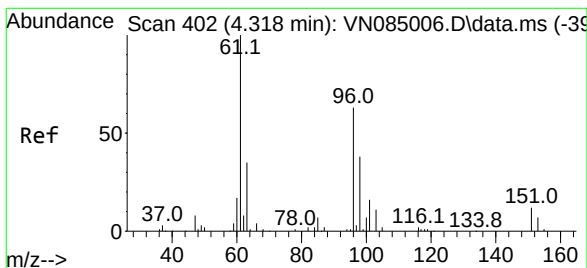
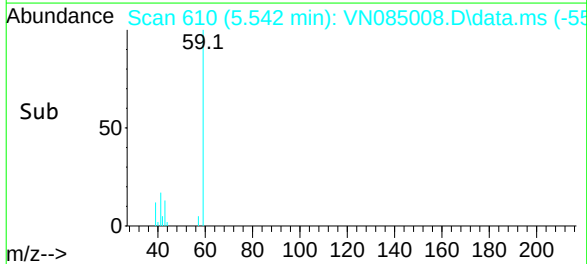
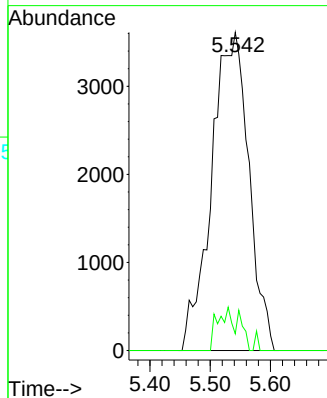
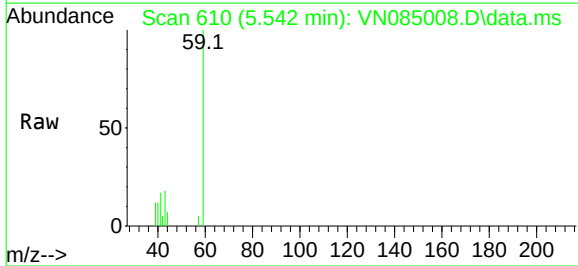
57 2.2 7.4 11.0#

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#12

1,1-Dichloroethene

Concen: 9.532 ug/l

RT: 4.324 min Scan# 403

Delta R.T. 0.006 min

Lab File: VN085008.D

Acq: 22 Nov 2024 12:34

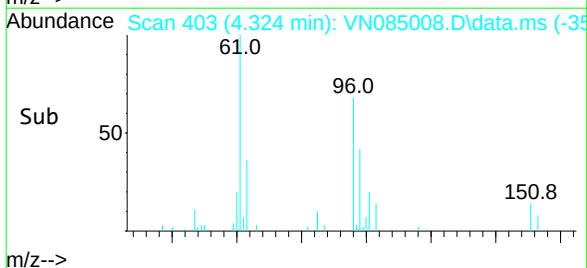
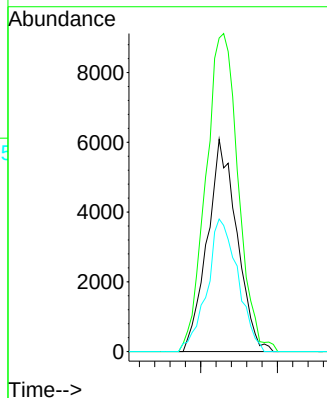
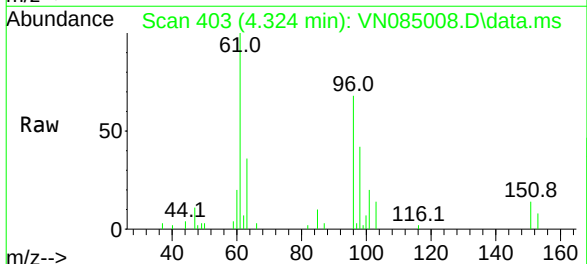
Tgt Ion: 96 Resp: 16330

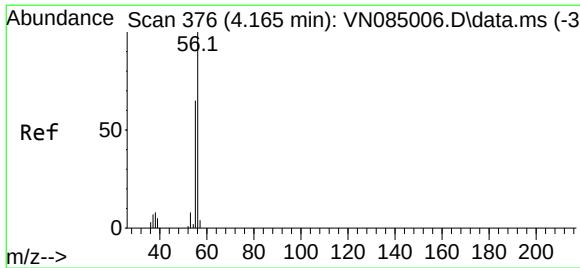
Ion Ratio Lower Upper

96 100

61 147.7 127.8 191.8

98 62.4 49.2 73.8





#13

Acrolein

Concen: 51.710 ug/l

RT: 4.183 min Scan# 37

Delta R.T. 0.018 min

Lab File: VN085008.D

Acq: 22 Nov 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 56 Resp: 10601

Ion Ratio Lower Upper

56 100

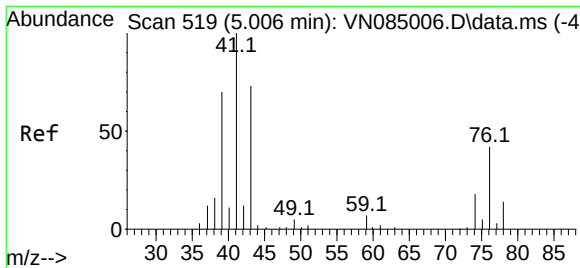
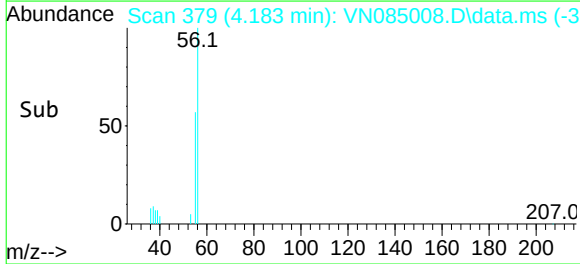
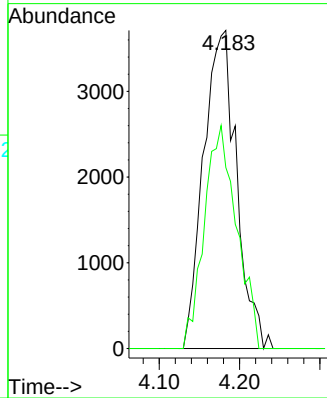
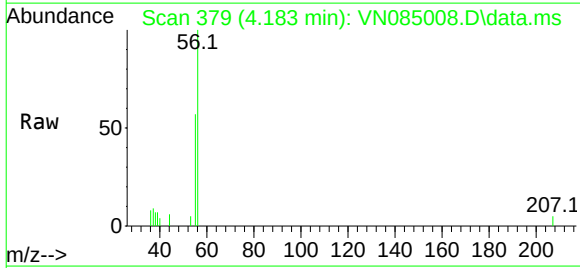
55 68.7 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#14

Allyl chloride

Concen: 9.697 ug/l

RT: 5.006 min Scan# 519

Delta R.T. -0.000 min

Lab File: VN085008.D

Acq: 22 Nov 2024 12:34

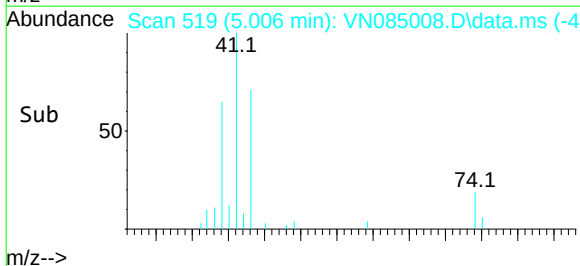
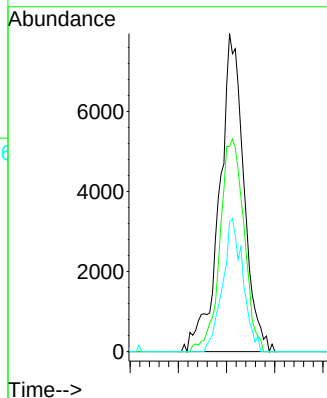
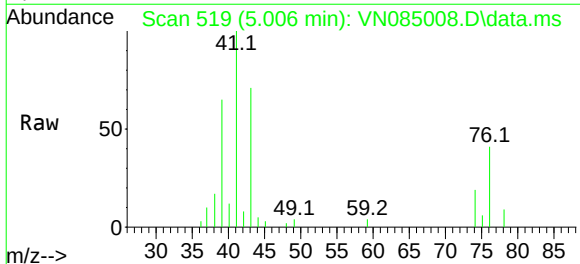
Tgt Ion: 41 Resp: 28006

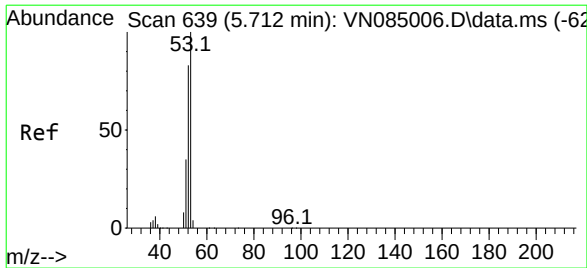
Ion Ratio Lower Upper

41 100

39 65.6 53.8 80.8

76 34.7 29.3 43.9





#15

Acrylonitrile

Concen: 46.525 ug/l

RT: 5.718 min Scan# 64

Delta R.T. 0.006 min

Lab File: VN085008.D

Acq: 22 Nov 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 53 Resp: 40469

Ion Ratio Lower Upper

53 100

52 84.5 65.5 98.3

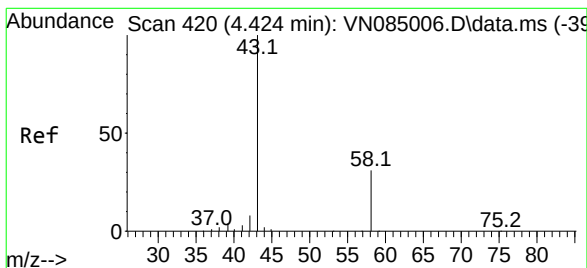
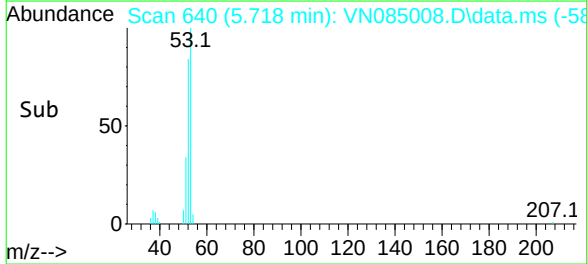
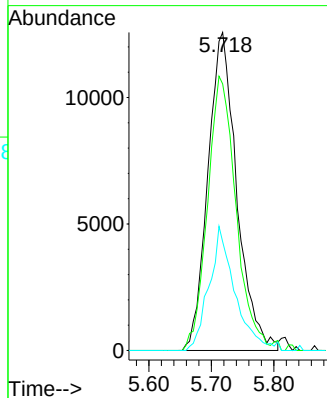
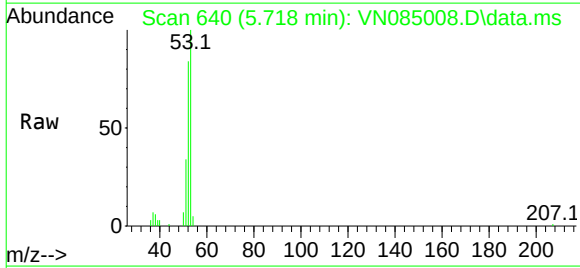
51 35.0 28.4 42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#16

Acetone

Concen: 48.900 ug/l

RT: 4.430 min Scan# 421

Delta R.T. 0.006 min

Lab File: VN085008.D

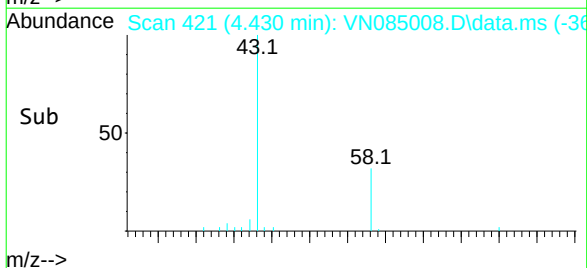
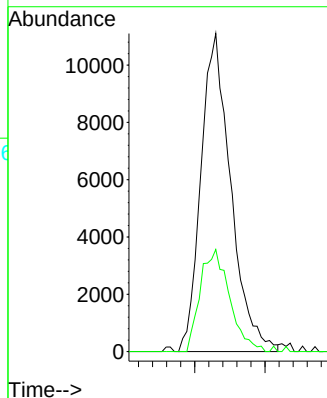
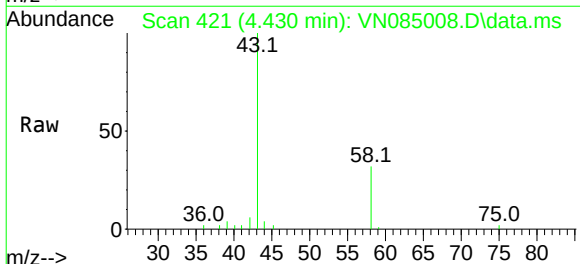
Acq: 22 Nov 2024 12:34

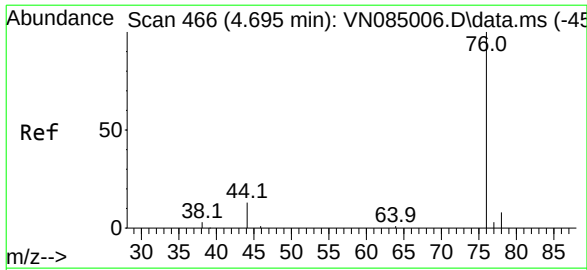
Tgt Ion: 43 Resp: 32743

Ion Ratio Lower Upper

43 100

58 32.1 25.4 38.2





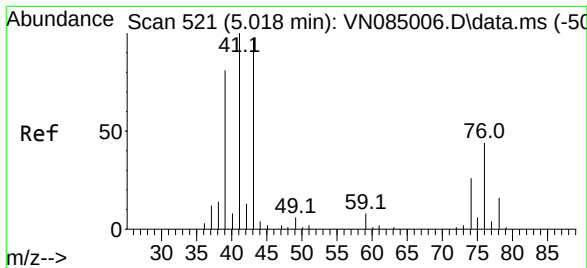
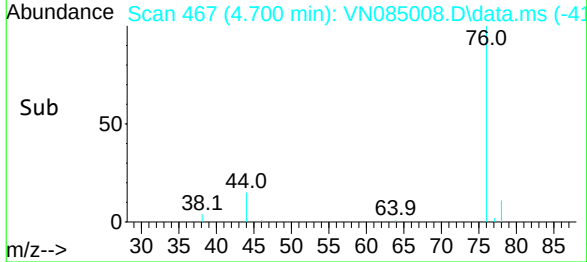
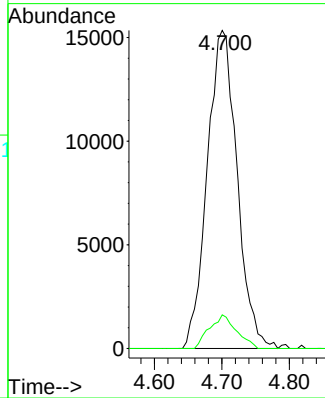
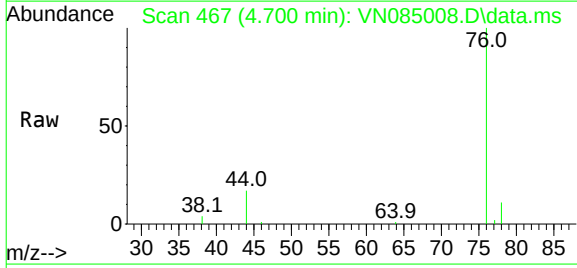
#17
Carbon Disulfide
Concen: 9.331 ug/l
RT: 4.700 min Scan# 46
Delta R.T. 0.006 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 76 Resp: 47181
Ion Ratio Lower Upper
76 100
78 10.6 6.5 9.7#

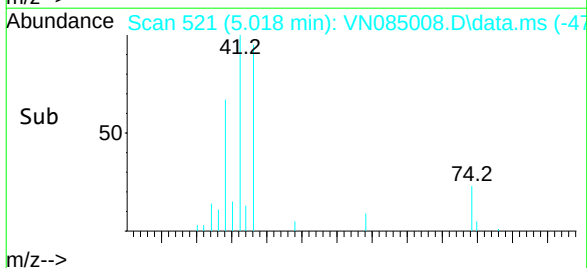
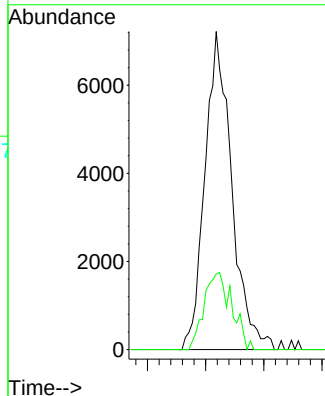
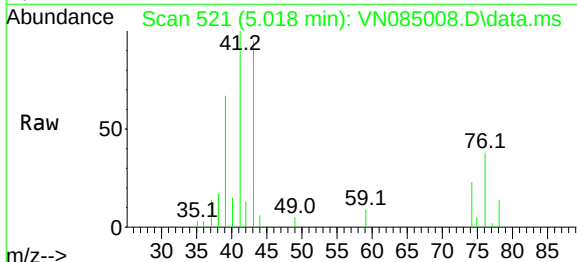
Manual Integrations
APPROVED

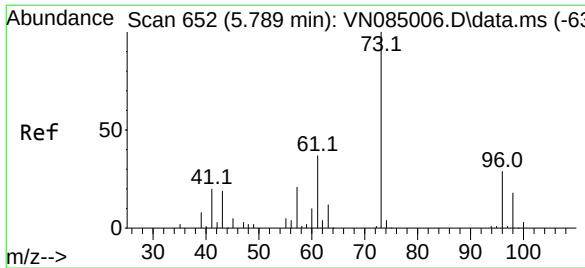
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#18
Methyl Acetate
Concen: 9.856 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

Tgt Ion: 43 Resp: 23065
Ion Ratio Lower Upper
43 100
74 25.0 20.1 30.1





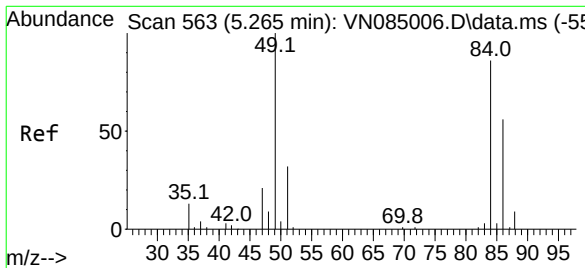
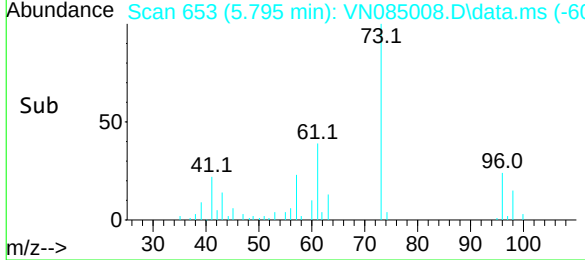
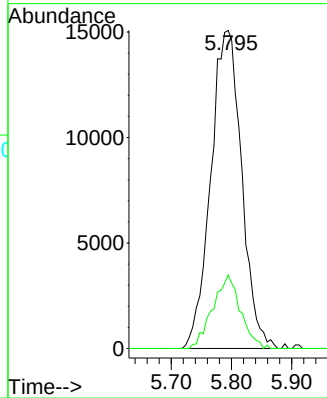
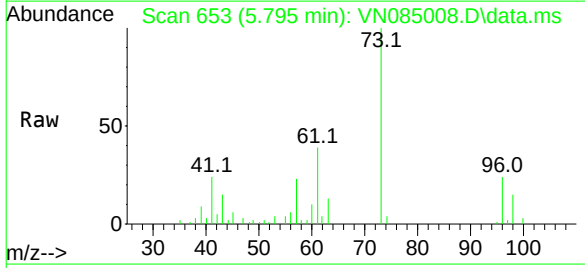
#19
Methyl tert-butyl Ether
Concen: 9.589 ug/l
RT: 5.795 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 53672
Ion Ratio Lower Upper
73 100
57 23.1 17.0 25.4

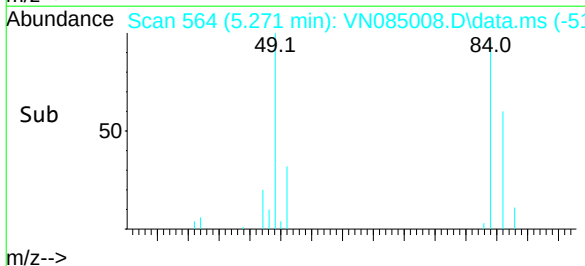
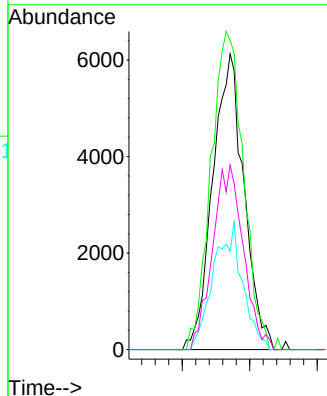
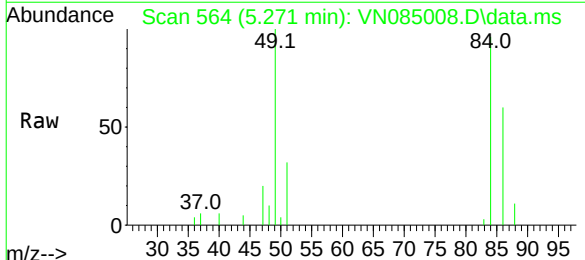
Manual Integrations
APPROVED

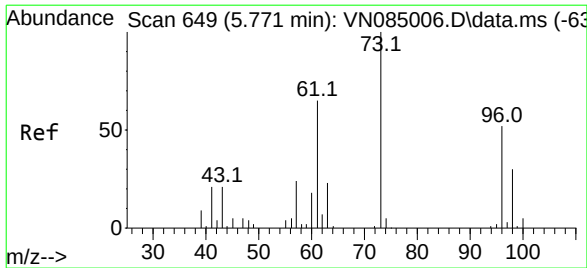
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#20
Methylene Chloride
Concen: 9.632 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

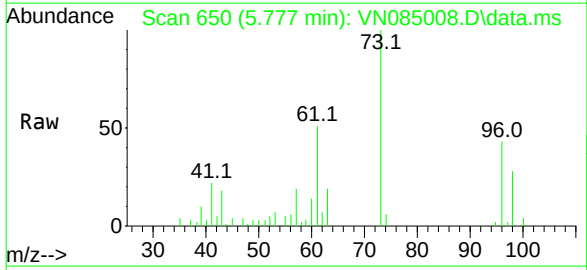
Tgt Ion: 84 Resp: 19680
Ion Ratio Lower Upper
84 100
49 104.6 92.7 139.1
51 33.3 29.4 44.2
86 62.4 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 9.296 ug/l
RT: 5.777 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

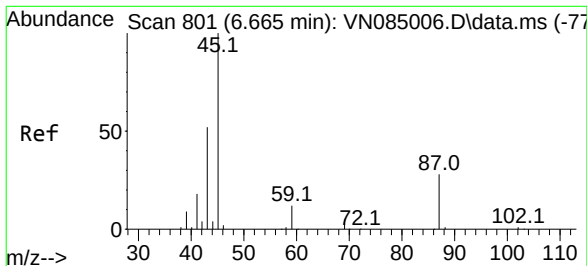
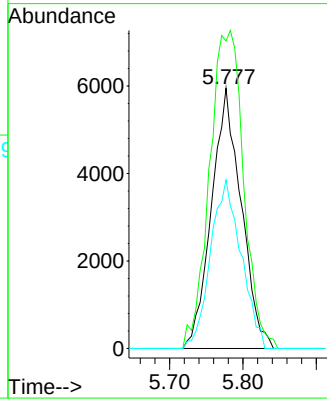
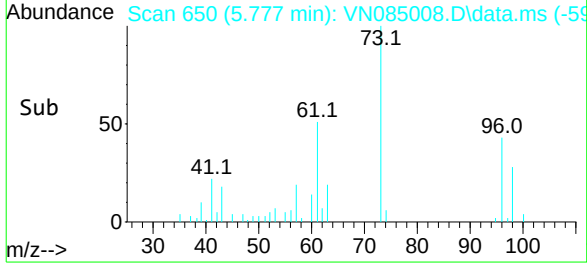
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



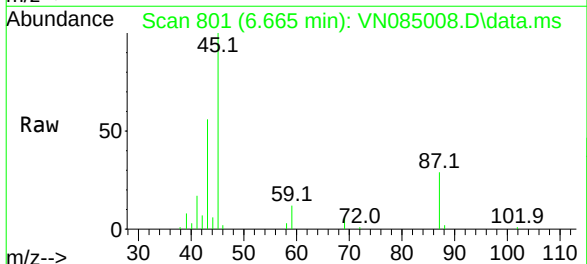
Tgt Ion: 96 Resp: 16759
Ion Ratio Lower Upper
96 100
61 118.2 100.7 151.1
98 64.8 45.8 68.6

Manual Integrations
APPROVED

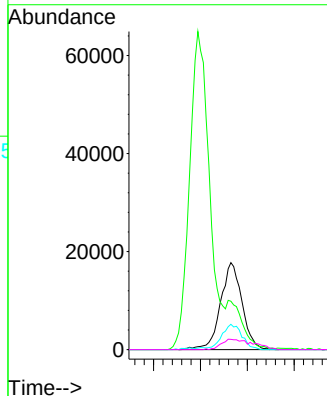
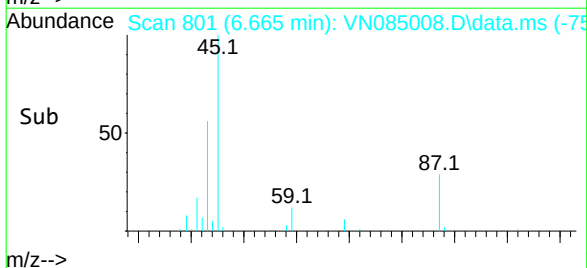
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024

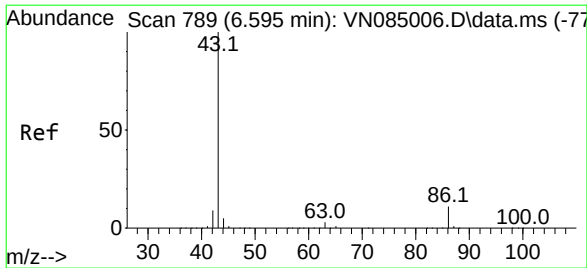


#22
Diisopropyl ether
Concen: 9.716 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34



Tgt Ion: 45 Resp: 56475
Ion Ratio Lower Upper
45 100
43 53.8 42.7 64.1
87 29.0 22.6 34.0
59 11.8 9.9 14.9





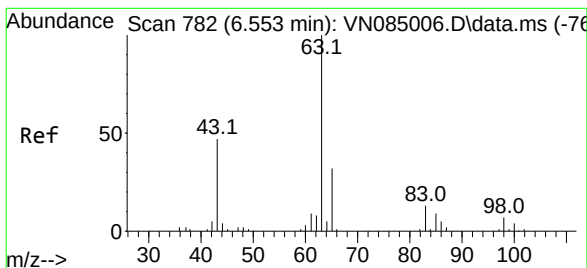
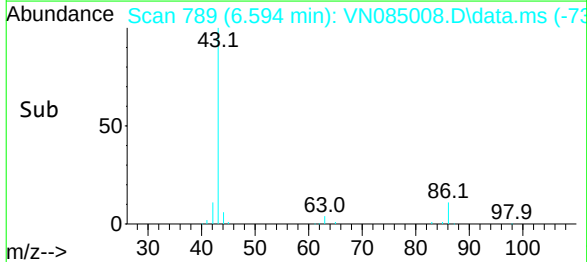
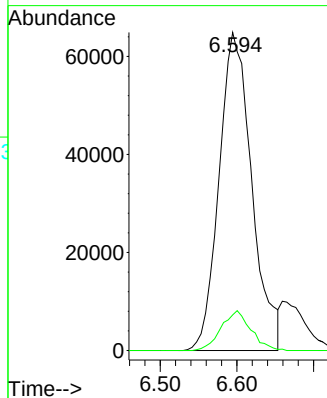
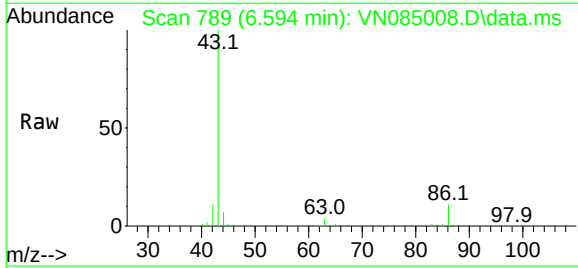
#23
 Vinyl Acetate
 Concen: 47.962 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN085008.D
 Acq: 22 Nov 2024 12:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion: 43 Resp: 192336
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.9 13.3

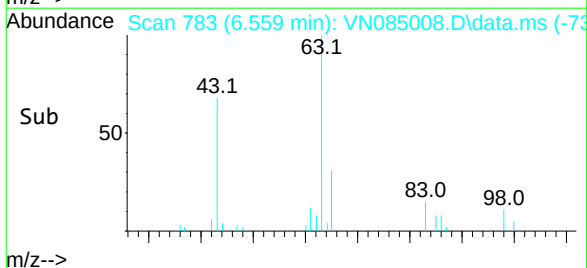
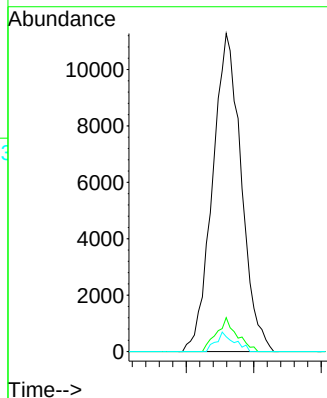
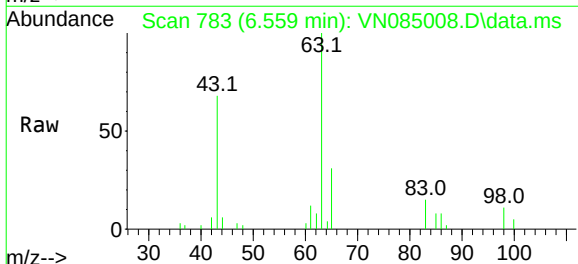
Manual Integrations
 APPROVED

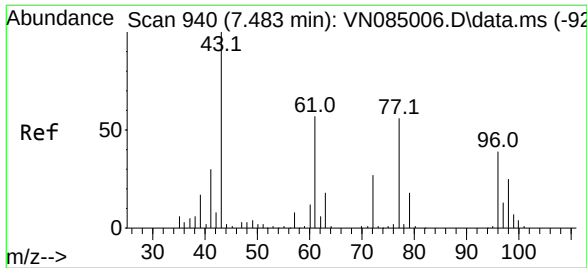
Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/25/2024



#24
 1,1-Dichloroethane
 Concen: 9.588 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.006 min
 Lab File: VN085008.D
 Acq: 22 Nov 2024 12:34

Tgt Ion: 63 Resp: 33350
 Ion Ratio Lower Upper
 63 100
 98 10.7 3.3 9.8#
 100 4.7 2.2 6.6





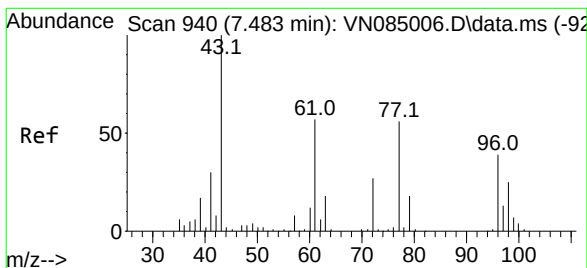
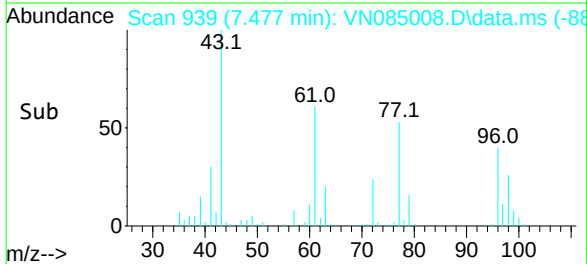
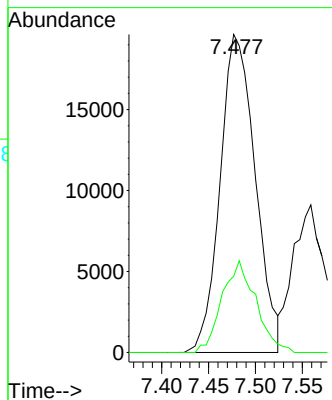
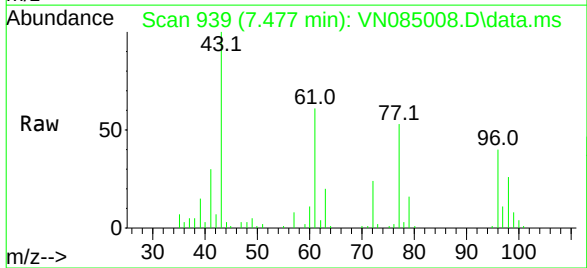
#25
2-Butanone
Concen: 46.790 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 51223
Ion Ratio Lower Upper
43 100
72 24.0 21.4 32.0

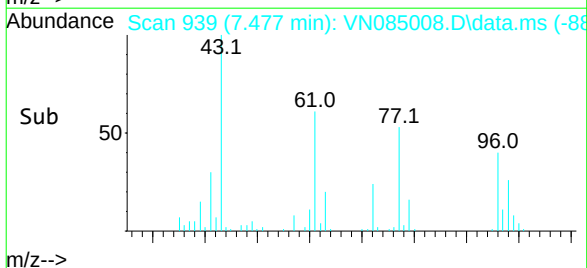
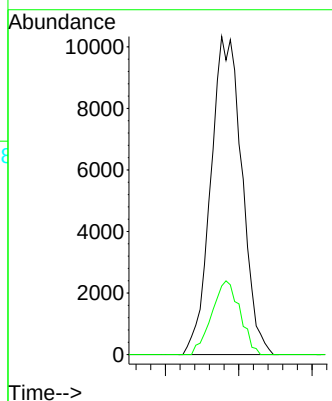
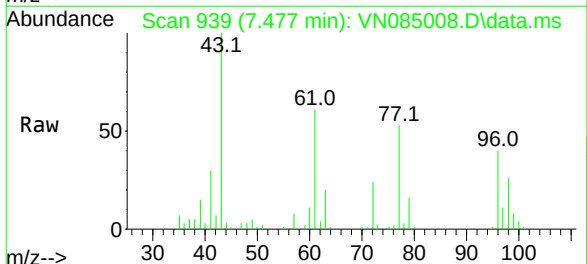
Manual Integrations
APPROVED

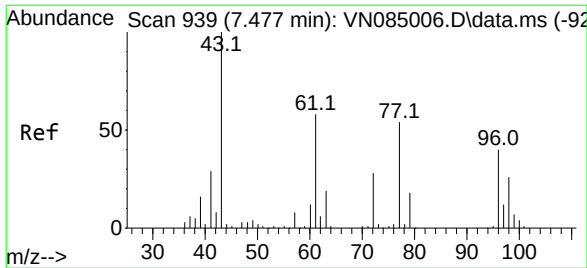
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#26
2,2-Dichloropropane
Concen: 9.388 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

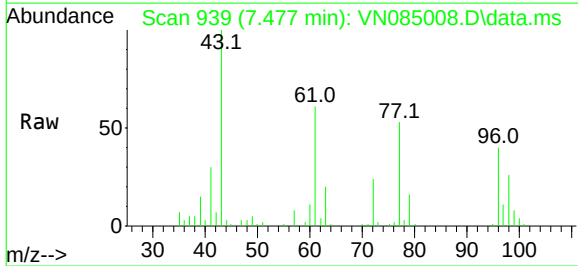
Tgt Ion: 77 Resp: 30494
Ion Ratio Lower Upper
77 100
97 21.0 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 9.418 ug/l
 RT: 7.477 min Scan# 939
 Delta R.T. -0.000 min
 Lab File: VN085008.D
 Acq: 22 Nov 2024 12:34

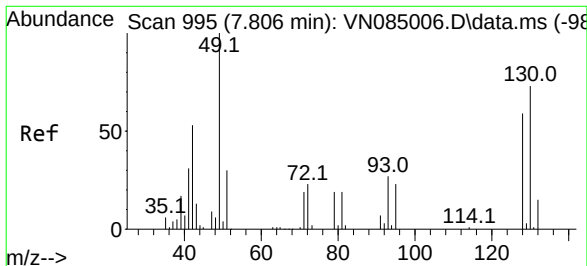
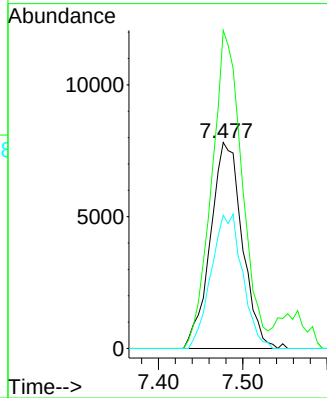
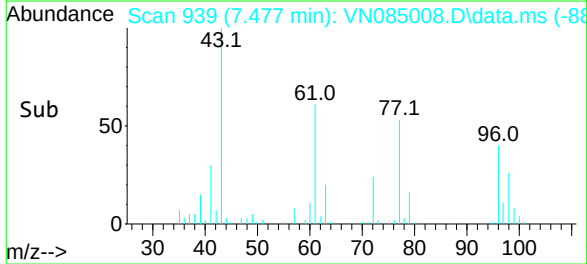
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion: 96 Resp: 20469
 Ion Ratio Lower Upper
 96 100
 61 147.4 0.0 291.6
 98 64.5 0.0 129.8

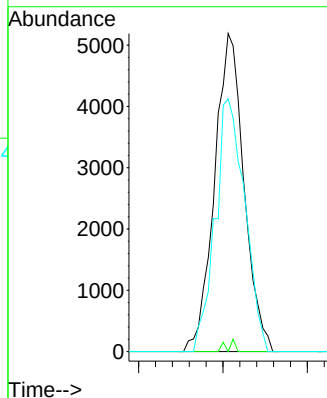
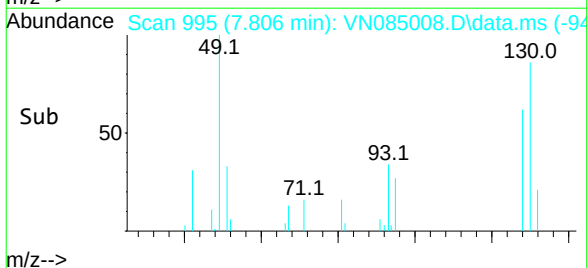
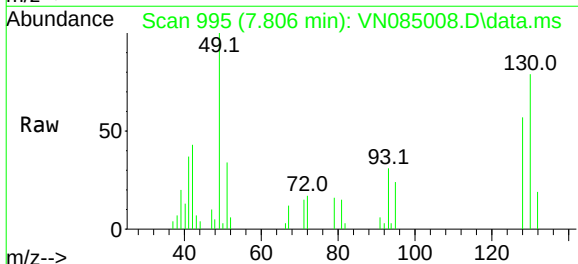
Manual Integrations
 APPROVED

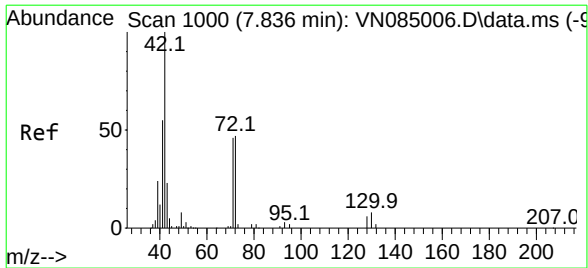
Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/25/2024



#28
 Bromochloromethane
 Concen: 9.591 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.000 min
 Lab File: VN085008.D
 Acq: 22 Nov 2024 12:34

Tgt Ion: 49 Resp: 12594
 Ion Ratio Lower Upper
 49 100
 129 0.4 0.0 4.0
 130 79.8 60.6 90.8





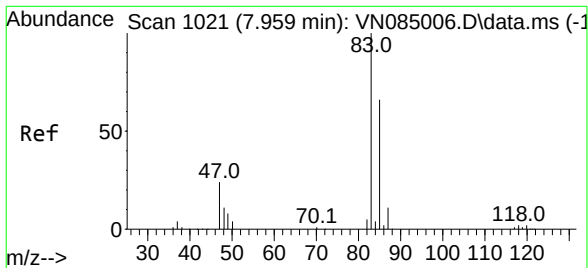
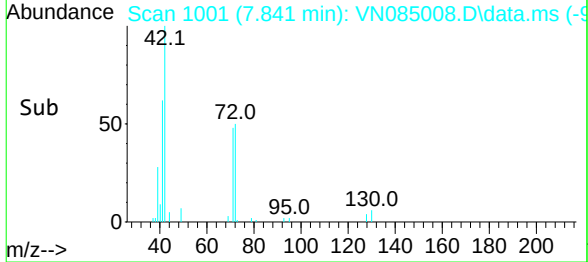
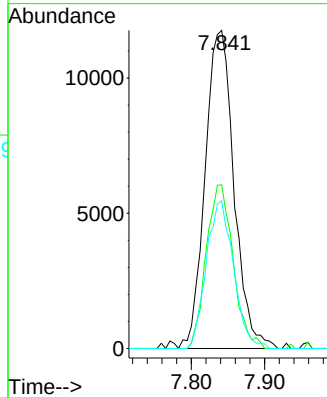
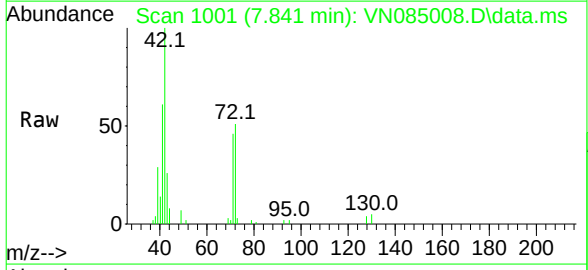
#29
Tetrahydrofuran
Concen: 47.294 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 42 Resp: 32197
Ion Ratio Lower Upper
42 100
72 47.9 37.0 55.4
71 43.8 35.0 52.4

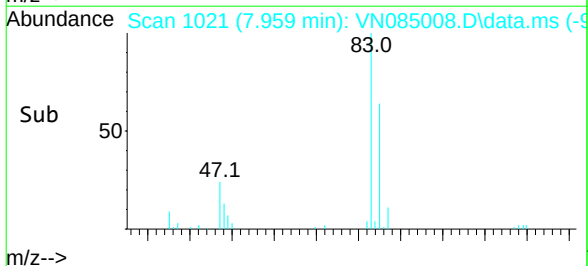
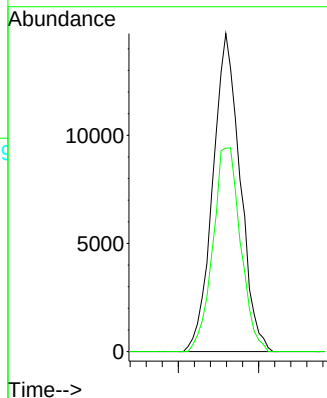
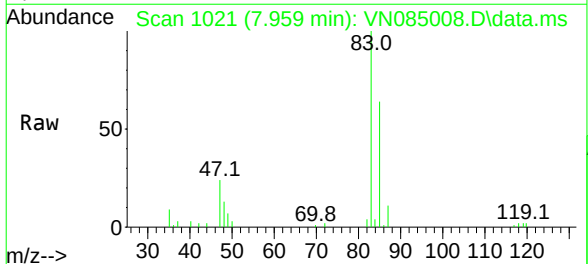
Manual Integrations
APPROVED

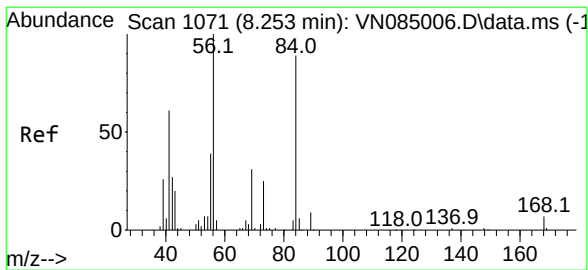
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#30
Chloroform
Concen: 9.365 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

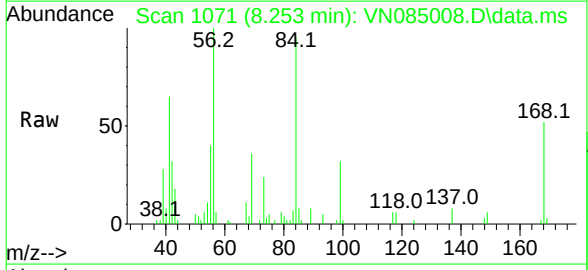
Tgt Ion: 83 Resp: 34651
Ion Ratio Lower Upper
83 100
85 64.0 52.6 78.8





#31
Cyclohexane
Concen: 9.641 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

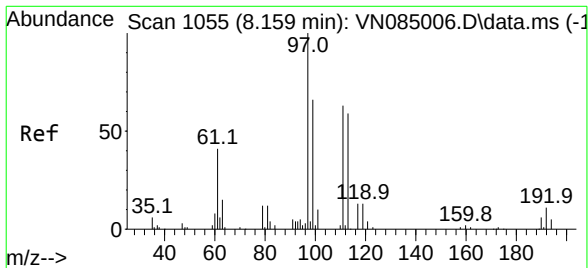
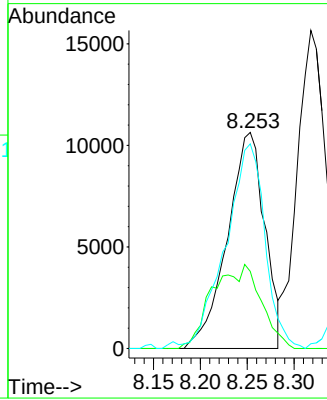
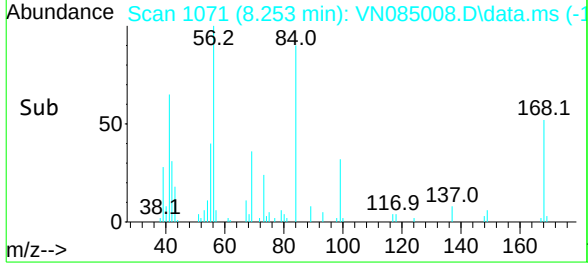
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



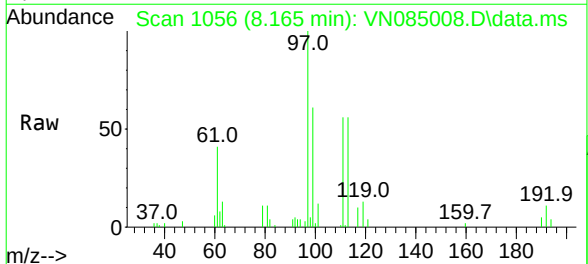
Tgt Ion: 56 Resp: 29526
Ion Ratio Lower Upper
56 100
69 35.7 24.6 36.8
84 92.9 71.4 107.2

Manual Integrations
APPROVED

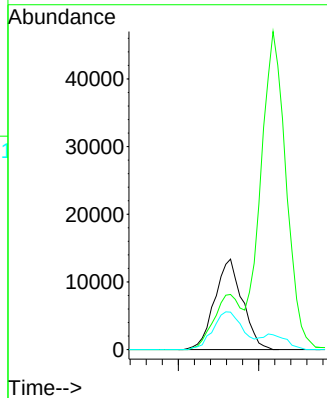
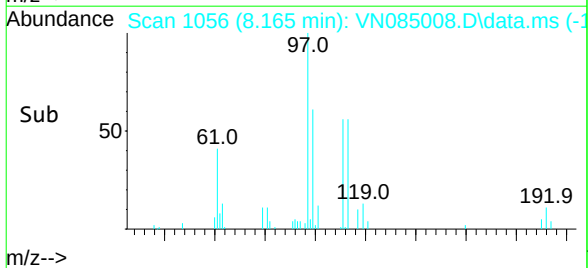
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024

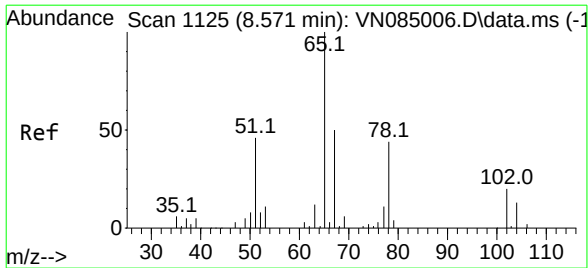


#32
1,1,1-Trichloroethane
Concen: 9.587 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34



Tgt Ion: 97 Resp: 32054
Ion Ratio Lower Upper
97 100
99 61.9 51.0 76.4
61 44.6 36.2 54.2





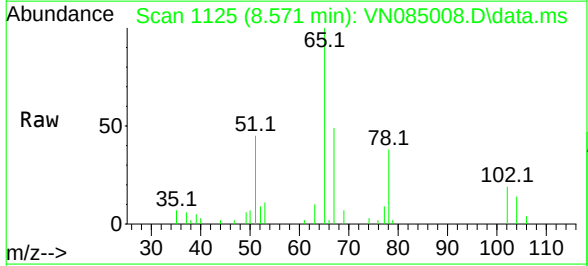
#33
 1,2-Dichloroethane-d4
 Concen: 10.323 ug/l
 RT: 8.571 min Scan# 1125
 Delta R.T. -0.000 min
 Lab File: VN085008.D
 Acq: 22 Nov 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

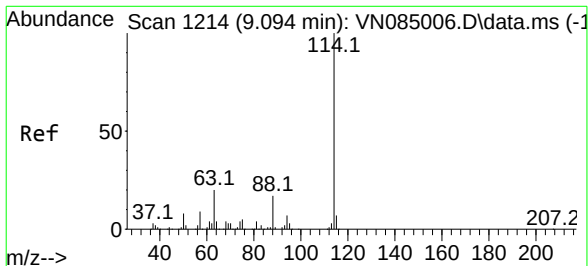
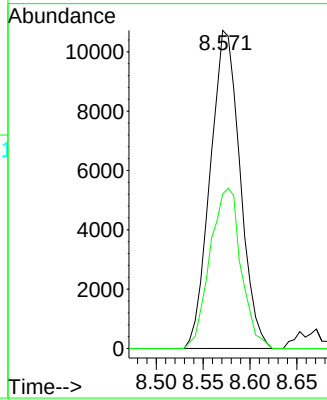
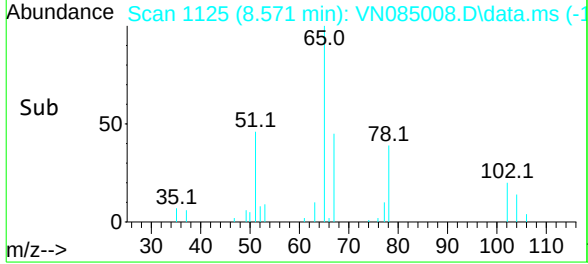


Tgt Ion: 65 Resp: 23734
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.0

Manual Integrations

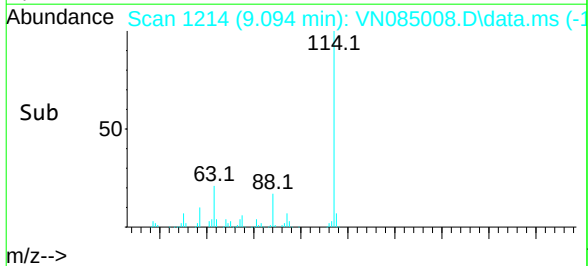
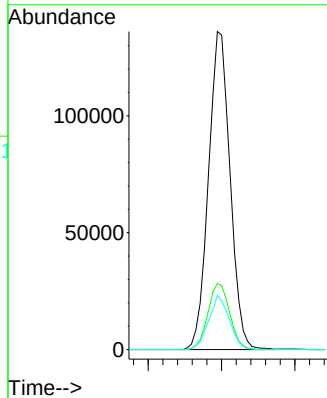
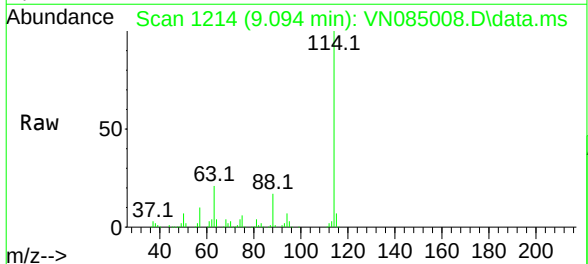
APPROVED

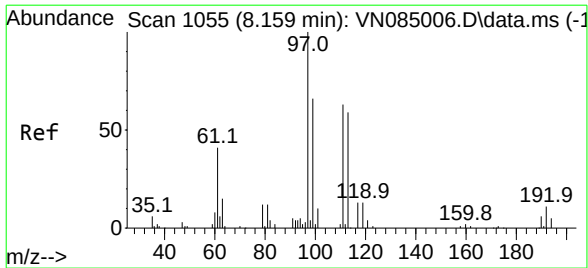
Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/25/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. -0.000 min
 Lab File: VN085008.D
 Acq: 22 Nov 2024 12:34

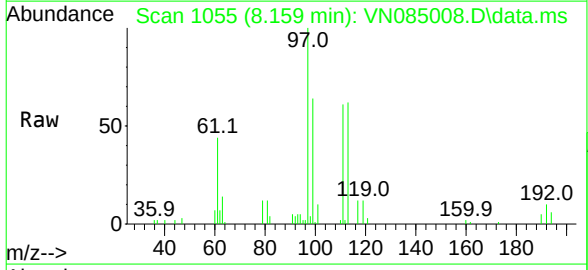
Tgt Ion:114 Resp: 278264
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.0
 88 17.1 0.0 34.8





#35
 Dibromofluoromethane
 Concen: 9.801 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VN085008.D
 Acq: 22 Nov 2024 12:34

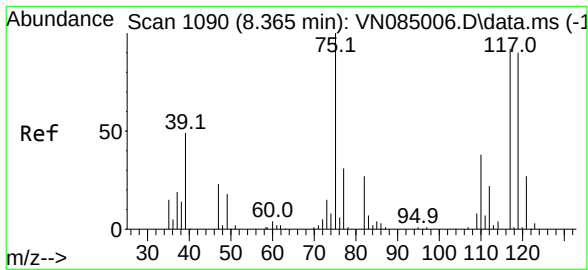
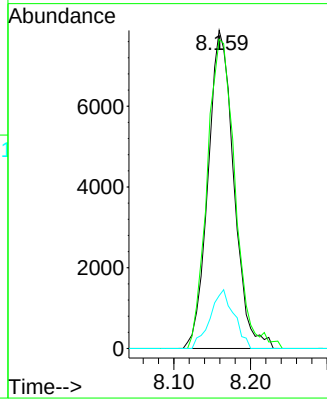
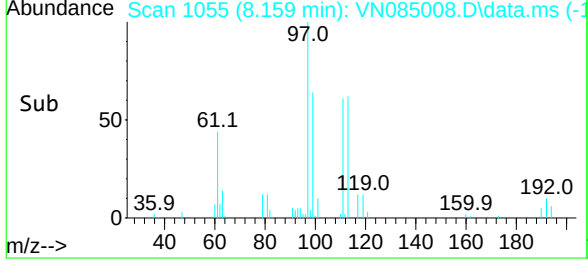
Instrument : MSVOA_N
 ClientSampleId : VSTDIC010



Tgt Ion:	113	Resp:	18392
Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.0	123.0
192	17.1	14.8	22.2

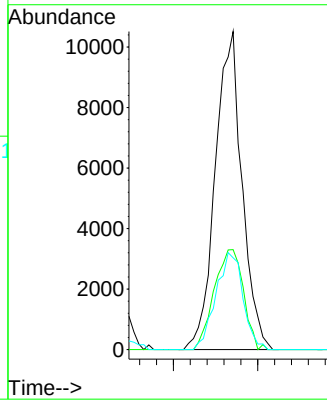
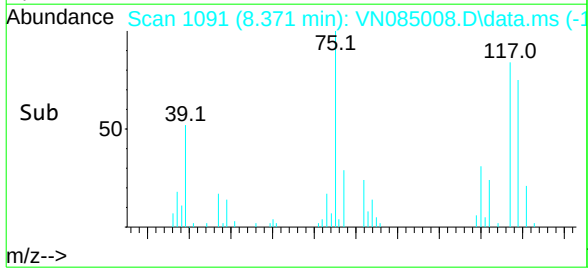
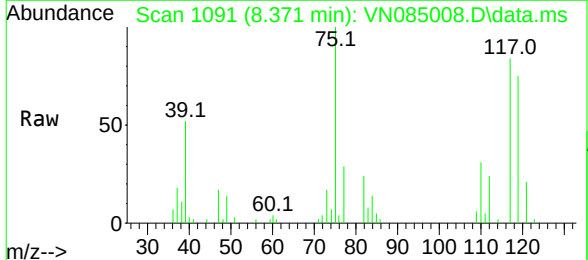
Manual Integrations
 APPROVED

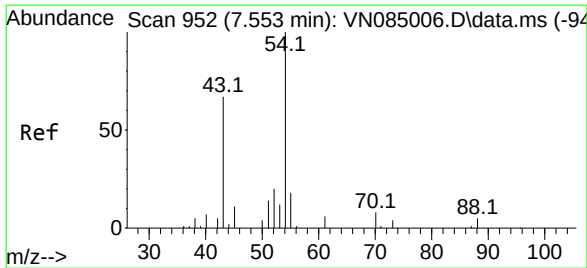
Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/25/2024



#36
 1,1-Dichloropropene
 Concen: 9.130 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VN085008.D
 Acq: 22 Nov 2024 12:34

Tgt Ion:	75	Resp:	23205
Ion	Ratio	Lower	Upper
75	100		
110	34.2	17.2	51.6
77	30.9	24.2	36.4





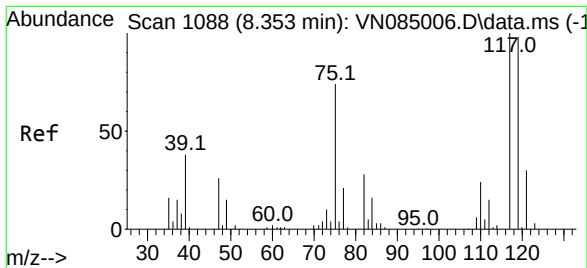
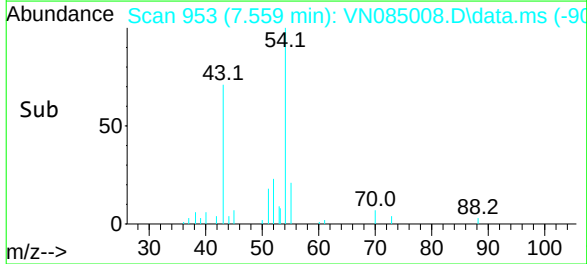
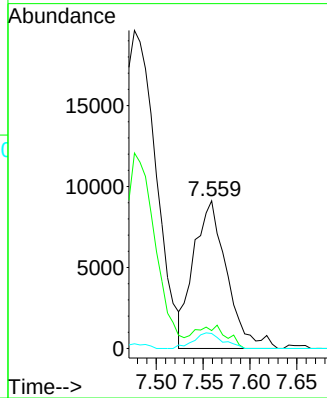
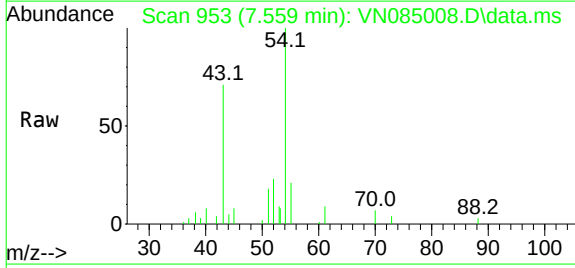
#37
Ethyl Acetate
Concen: 9.732 ug/l
RT: 7.559 min Scan# 952
Delta R.T. 0.006 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:	43	Resp:	22487
Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.7	17.5
70	9.2	9.3	13.9#

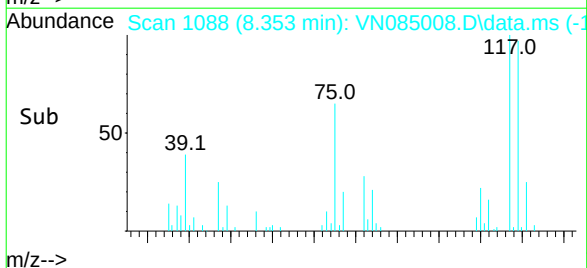
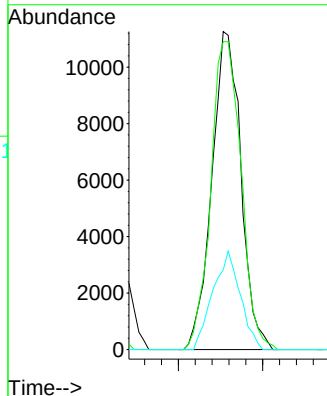
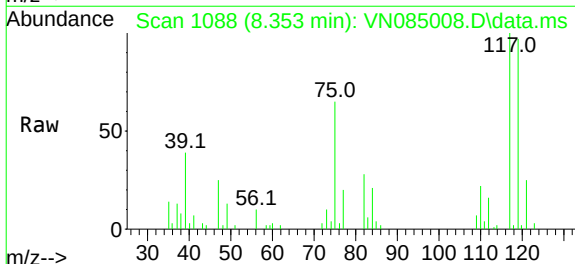
Manual Integrations
APPROVED

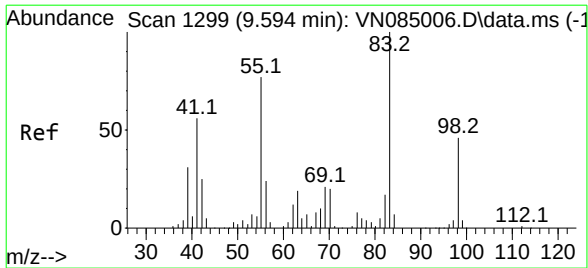
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#38
Carbon Tetrachloride
Concen: 9.186 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

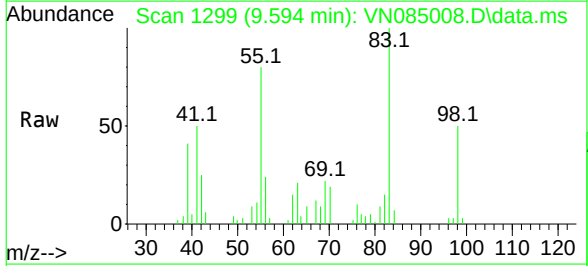
Tgt Ion:	117	Resp:	26952
Ion	Ratio	Lower	Upper
117	100		
119	96.8	78.6	117.8
121	25.0	24.2	36.2





#39
Methylcyclohexane
Concen: 9.058 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.000 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

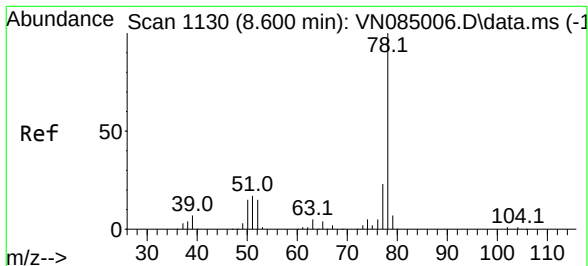
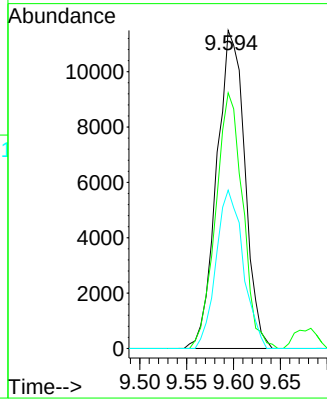
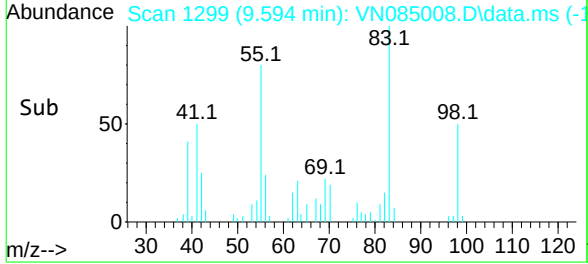
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



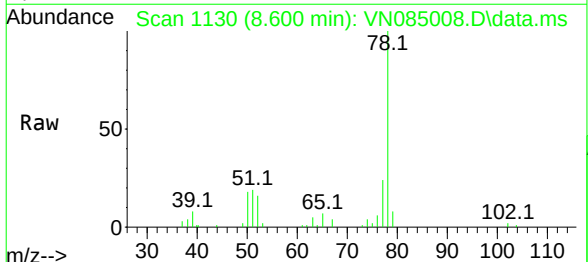
Tgt Ion: 83 Resp: 23924
Ion Ratio Lower Upper
83 100
55 80.4 61.8 92.6
98 49.8 37.0 55.6

Manual Integrations
APPROVED

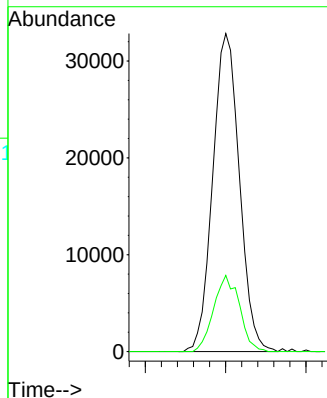
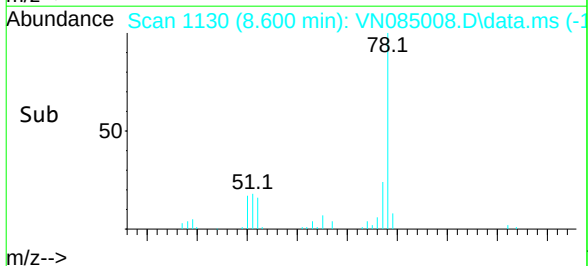
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024

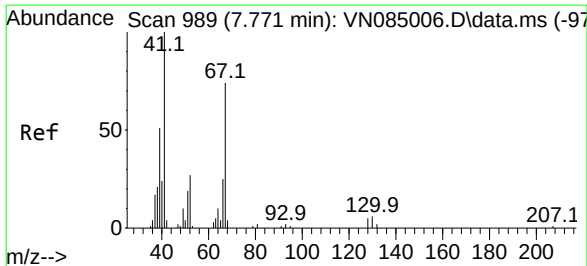


#40
Benzene
Concen: 9.404 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34



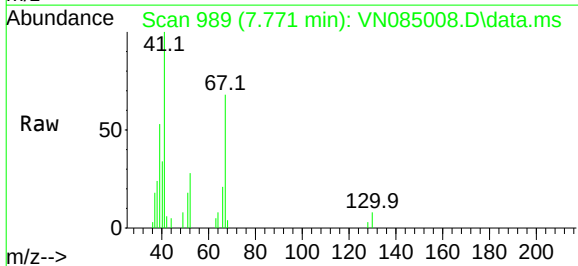
Tgt Ion: 78 Resp: 75597
Ion Ratio Lower Upper
78 100
77 24.0 18.5 27.7





#41
Methacrylonitrile
Concen: 9.705 ug/l
RT: 7.771 min Scan# 989
Delta R.T. -0.000 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

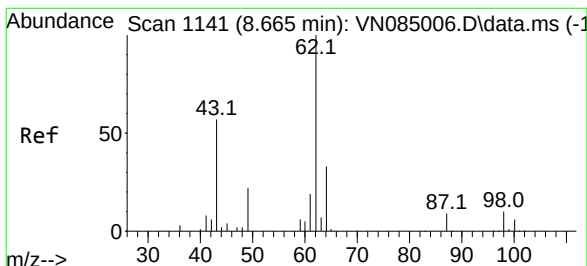
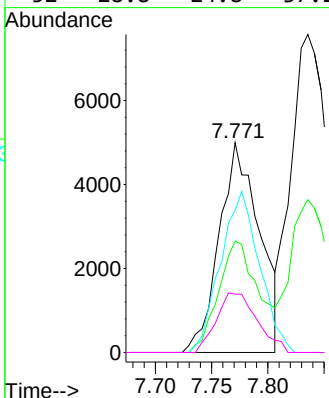
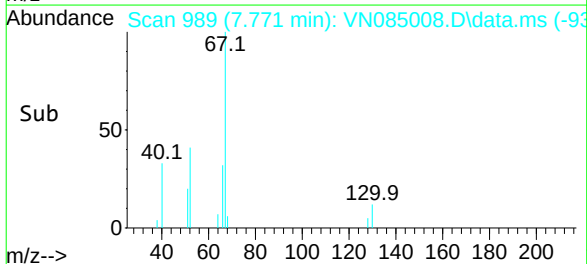
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion:	41	Resp:	12417
Ion	Ratio	Lower	Upper
41	100		
39	53.3	42.6	63.8
67	74.5	59.9	89.9
52	28.8	24.8	37.2

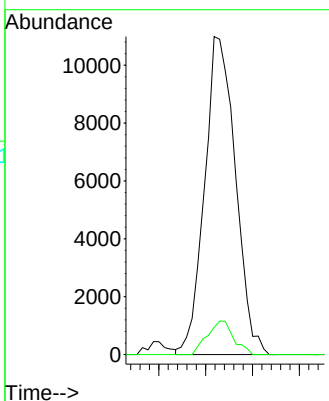
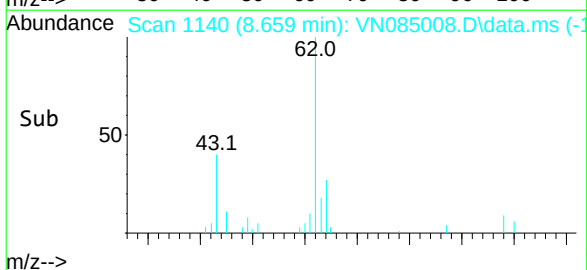
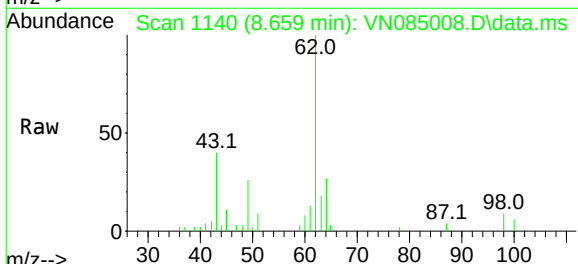
Manual Integrations
APPROVED

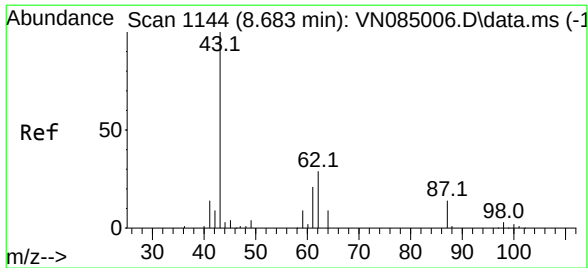
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#42
1,2-Dichloroethane
Concen: 9.152 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. -0.006 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

Tgt Ion:	62	Resp:	25169
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.2





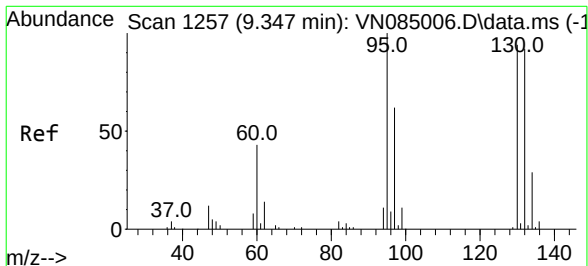
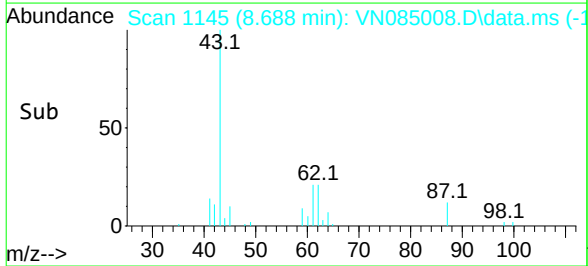
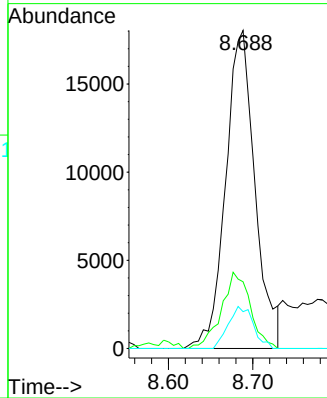
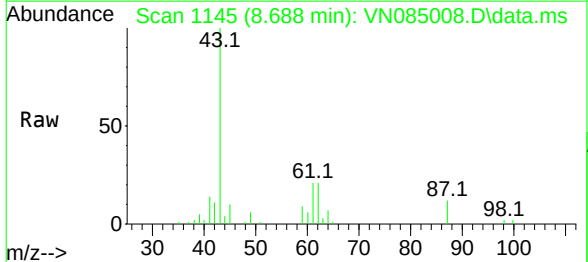
#43
Isopropyl Acetate
Concen: 9.108 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 43717
Ion Ratio Lower Upper
43 100
61 23.5 20.6 30.8
87 11.2 11.0 16.4

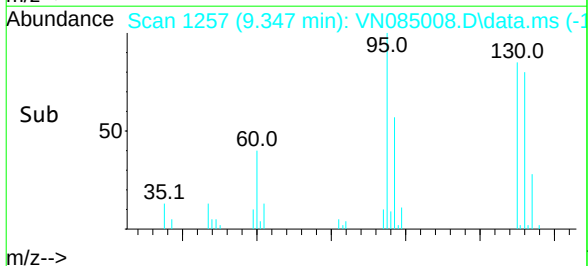
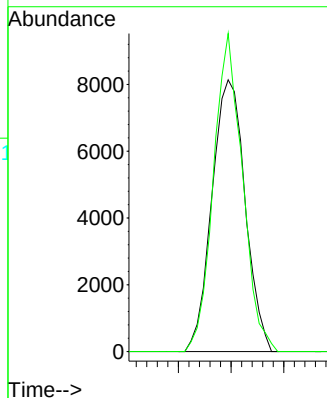
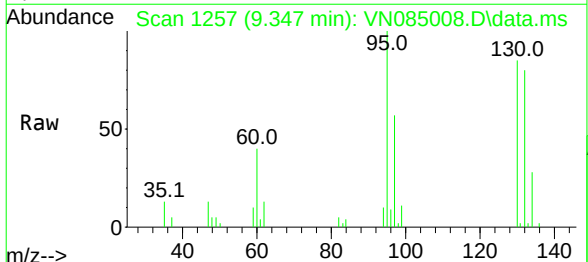
Manual Integrations
APPROVED

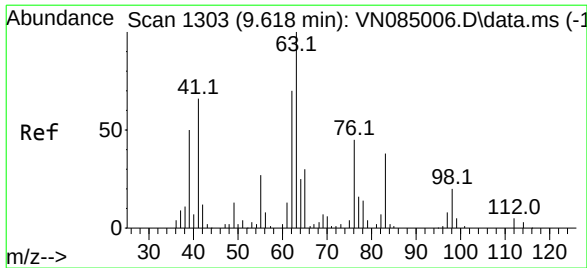
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#44
Trichloroethene
Concen: 9.547 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

Tgt Ion:130 Resp: 17835
Ion Ratio Lower Upper
130 100
95 117.0 0.0 213.4





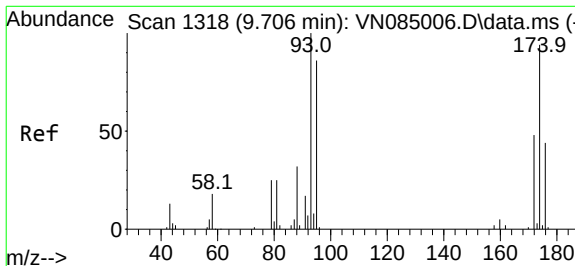
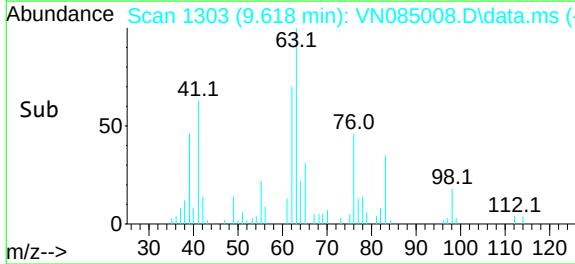
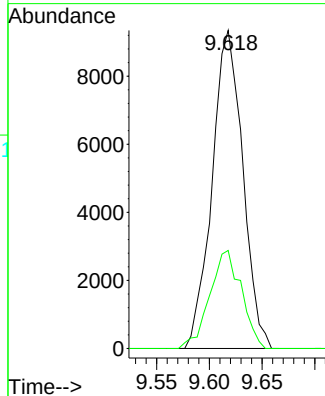
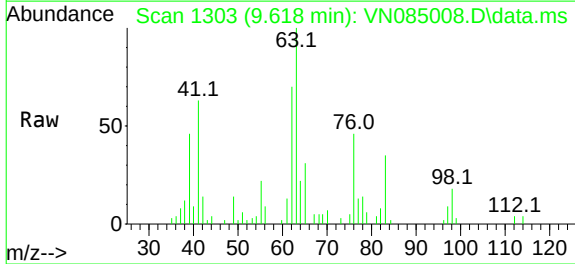
#45
1,2-Dichloropropane
Concen: 9.546 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 63 Resp: 18902
Ion Ratio Lower Upper
63 100
65 30.8 24.0 36.0

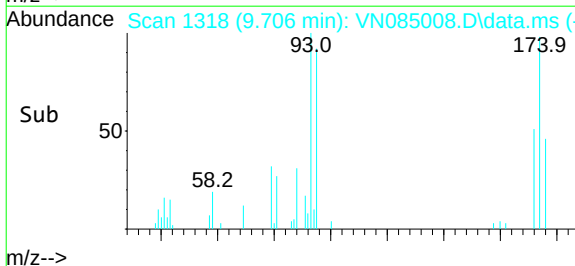
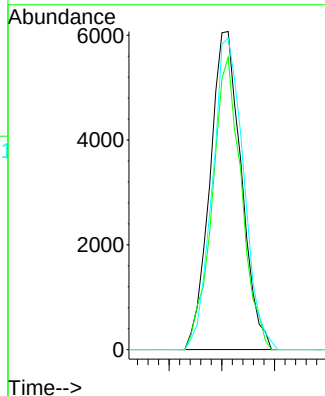
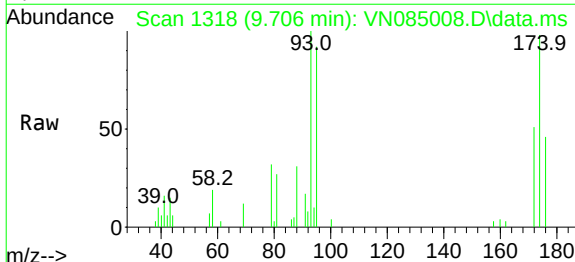
Manual Integrations
APPROVED

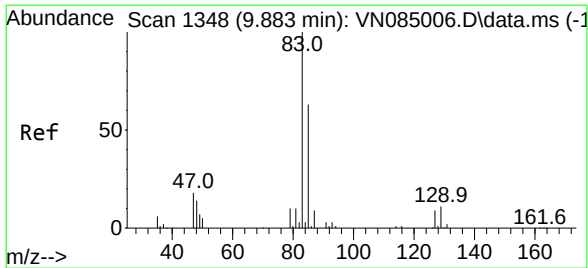
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#46
Dibromomethane
Concen: 9.114 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

Tgt Ion: 93 Resp: 12540
Ion Ratio Lower Upper
93 100
95 85.5 66.2 99.4
174 97.5 74.9 112.3





#47
 Bromodichloromethane
 Concen: 9.306 ug/l
 RT: 9.888 min Scan# 1348
 Delta R.T. 0.006 min
 Lab File: VN085008.D
 Acq: 22 Nov 2024 12:34

Instrument :

MSVOA_N

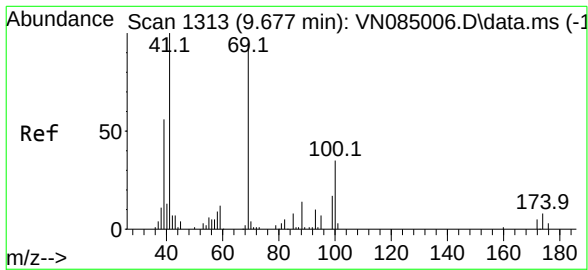
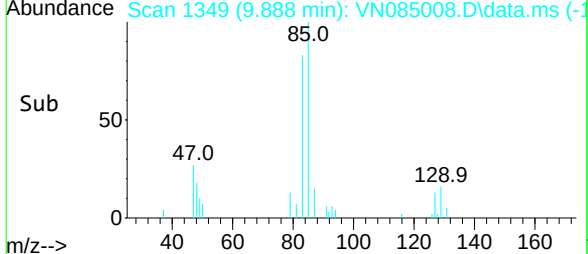
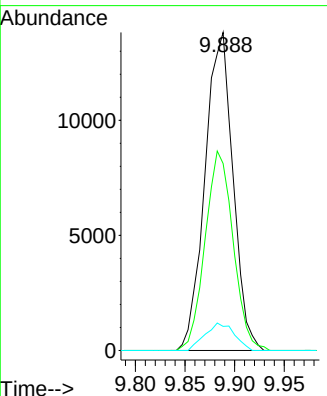
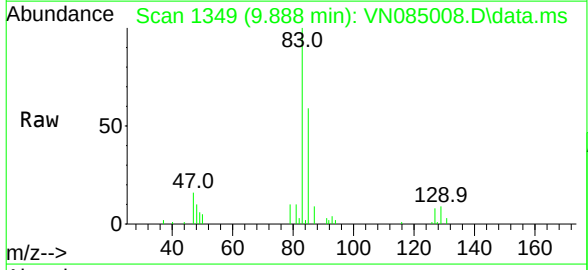
ClientSampleId :

VSTDICC010

Tgt Ion:	83	Resp:	27136
Ion	Ratio	Lower	Upper
83	100		
85	58.8	50.5	75.7
127	7.6	7.1	10.7

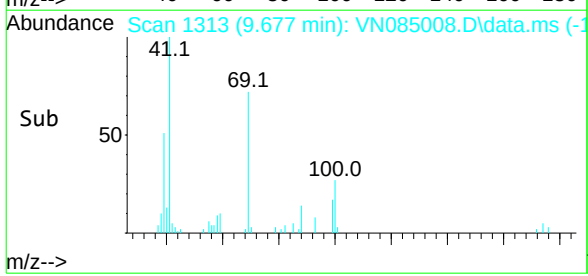
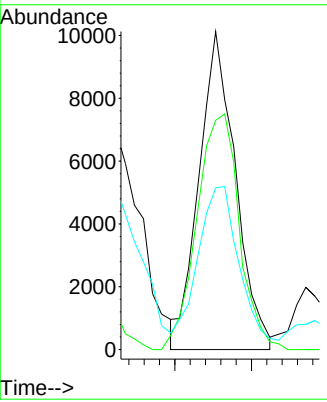
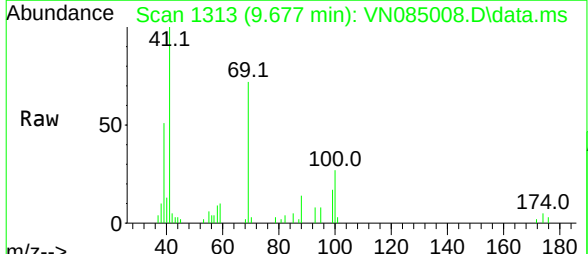
Manual Integrations
 APPROVED

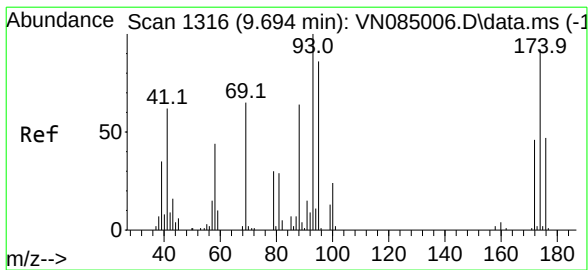
Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/25/2024



#48
 Methyl methacrylate
 Concen: 9.402 ug/l
 RT: 9.677 min Scan# 1313
 Delta R.T. -0.000 min
 Lab File: VN085008.D
 Acq: 22 Nov 2024 12:34

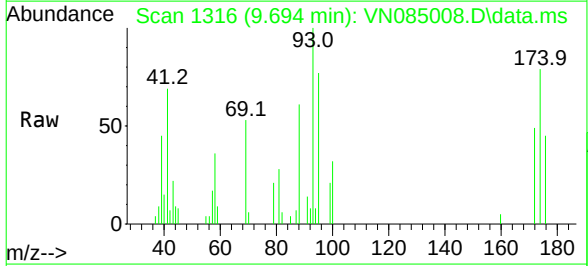
Tgt Ion:	41	Resp:	16793
Ion	Ratio	Lower	Upper
41	100		
69	85.7	73.2	109.8
39	59.4	46.2	69.4





#49
1,4-Dioxane
Concen: 205.527 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

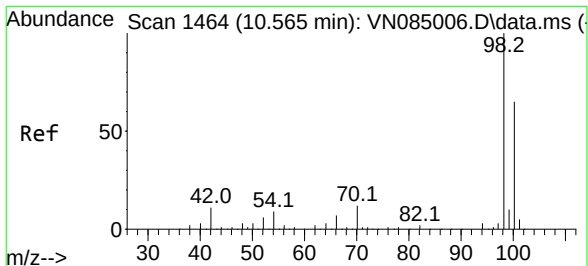
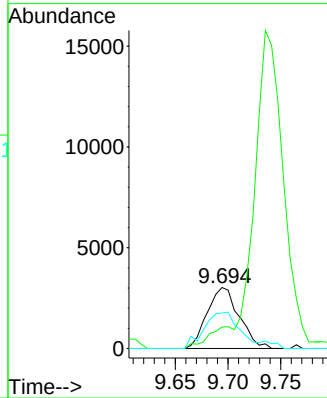
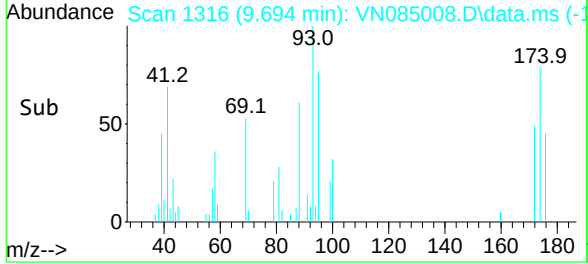
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 88 Resp: 6366
Ion Ratio Lower Upper
88 100
43 0.0 16.7 25.1#
58 70.8 56.5 84.7

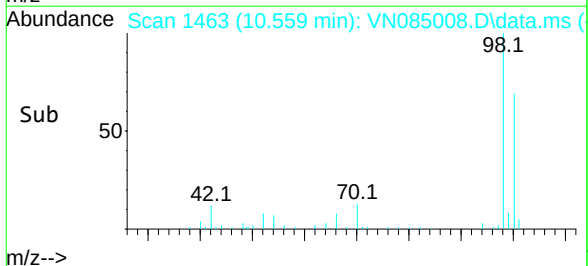
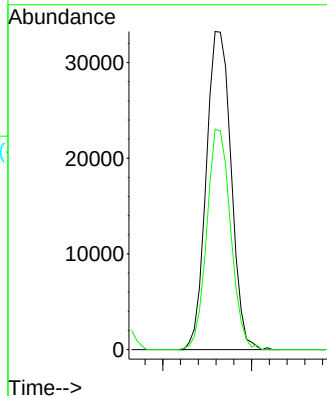
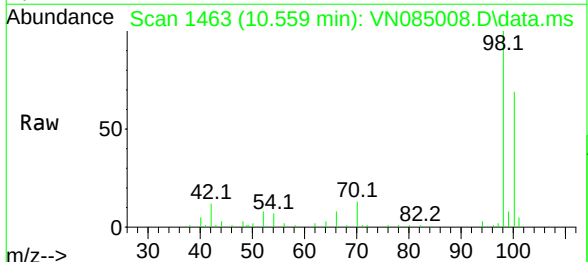
Manual Integrations
APPROVED

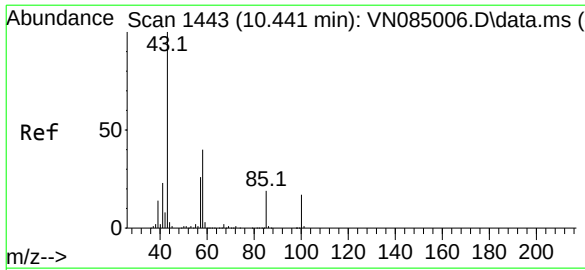
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#50
Toluene-d8
Concen: 9.614 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.006 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

Tgt Ion: 98 Resp: 64656
Ion Ratio Lower Upper
98 100
100 66.4 52.5 78.7





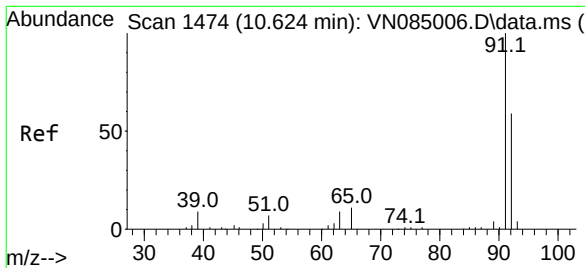
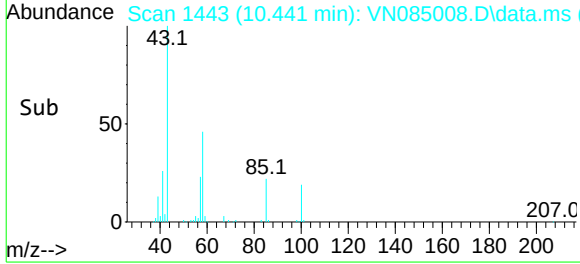
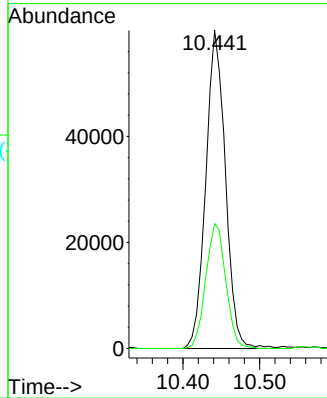
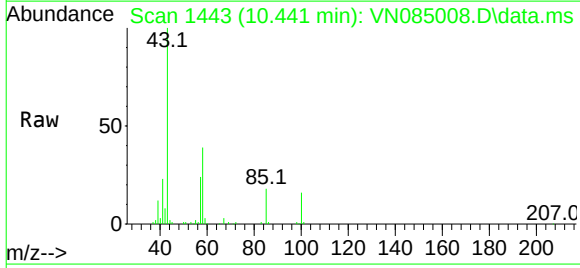
#51
4-Methyl-2-Pentanone
Concen: 48.544 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 106422
Ion Ratio Lower Upper
43 100
58 40.1 32.1 48.1

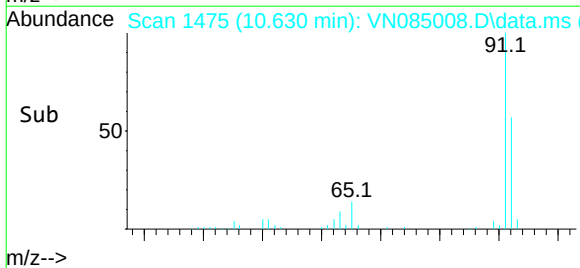
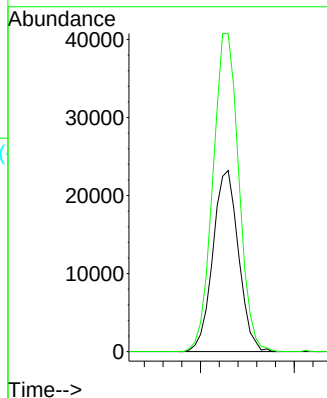
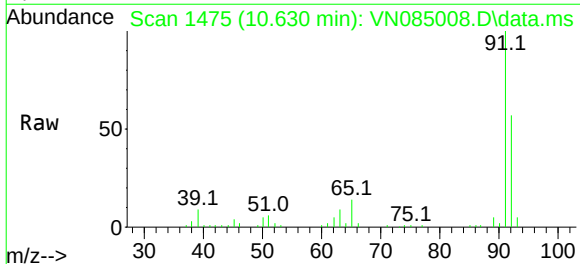
Manual Integrations
APPROVED

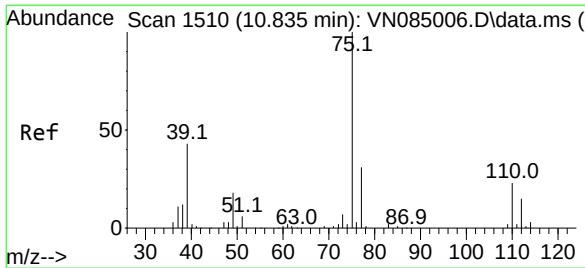
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#52
Toluene
Concen: 9.261 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

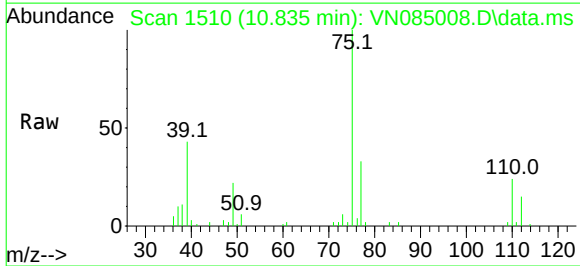
Tgt Ion: 92 Resp: 44072
Ion Ratio Lower Upper
92 100
91 177.5 136.7 205.1





#53
 t-1,3-Dichloropropene
 Concen: 9.249 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN085008.D
 Acq: 22 Nov 2024 12:34

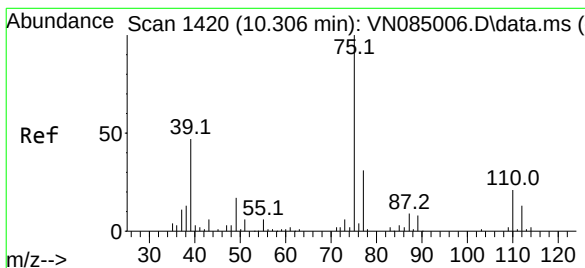
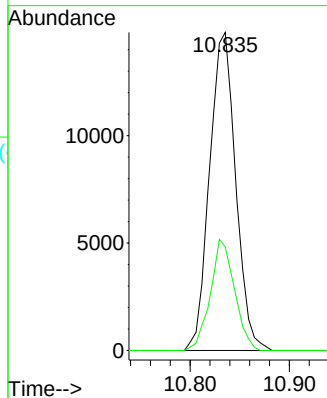
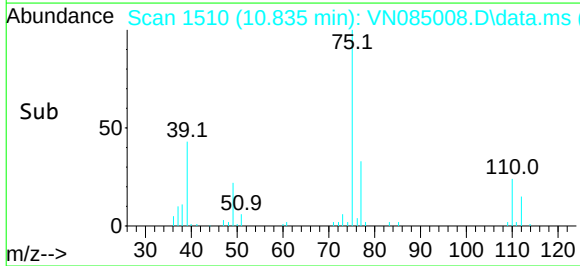
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



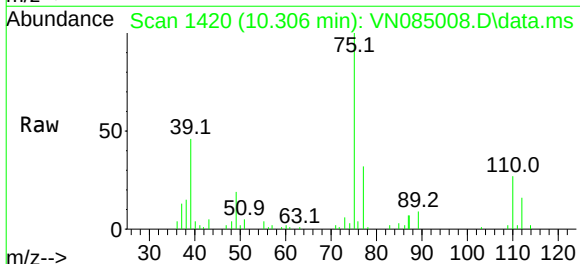
Tgt Ion: 75 Resp: 27046
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.0 37.4

Manual Integrations
 APPROVED

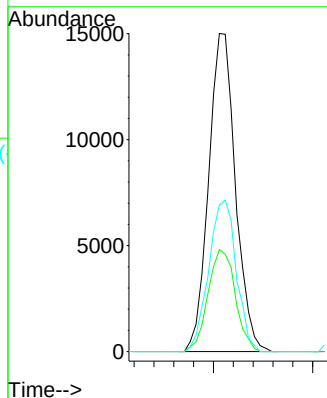
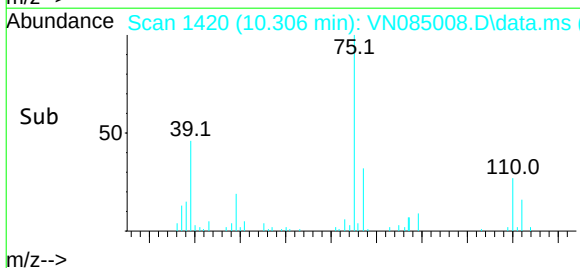
Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/25/2024

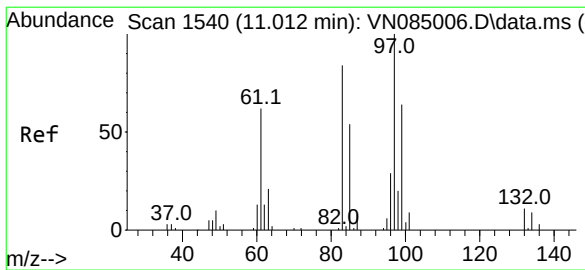


#54
 cis-1,3-Dichloropropene
 Concen: 9.087 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VN085008.D
 Acq: 22 Nov 2024 12:34



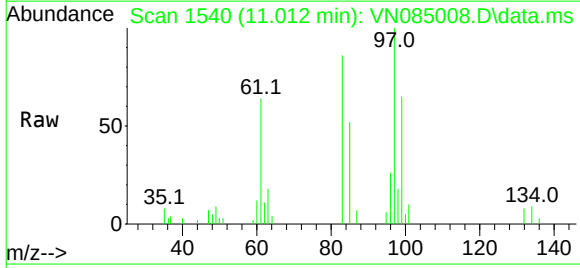
Tgt Ion: 75 Resp: 28183
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.0 37.4
 39 46.1 37.6 56.4





#55
1,1,2-Trichloroethane
Concen: 9.871 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

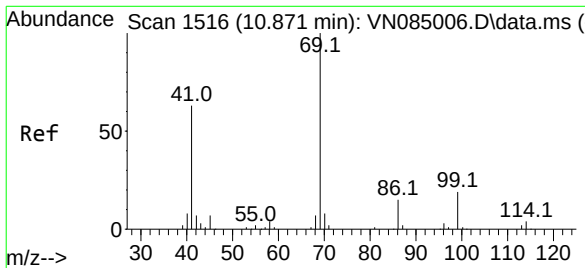
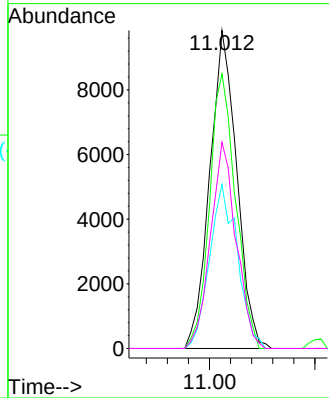
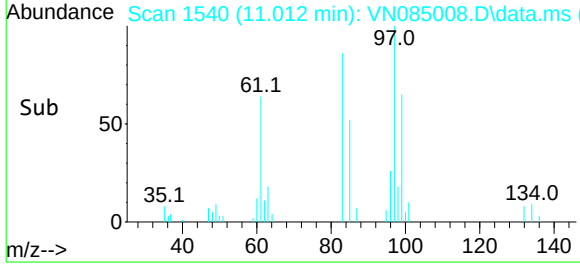
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



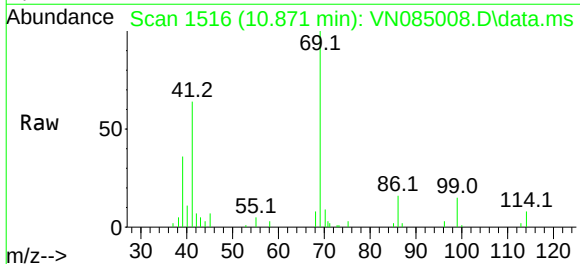
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.4	67.4	101.2
85	51.5	43.1	64.7
99	64.8	50.9	76.3

Manual Integrations
APPROVED

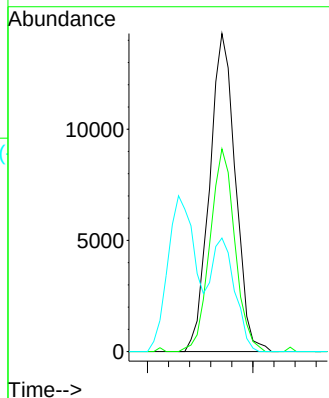
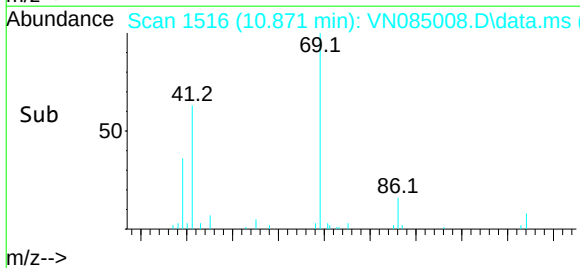
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024

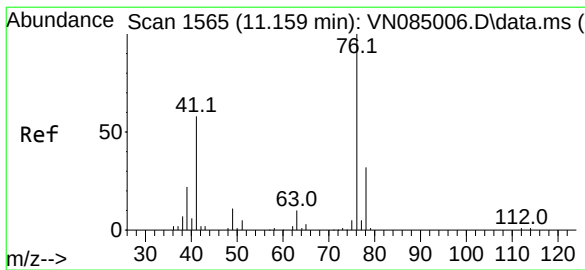


#56
Ethyl methacrylate
Concen: 9.385 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34



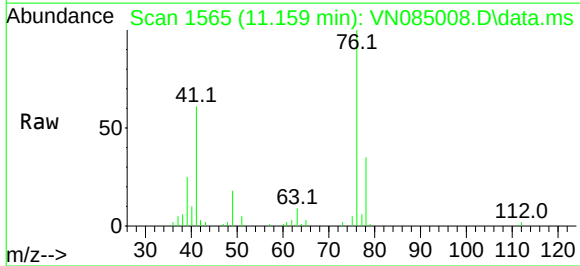
Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.7	50.0	75.0
39	33.1	27.0	40.6





#57
1,3-Dichloropropane
Concen: 9.378 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

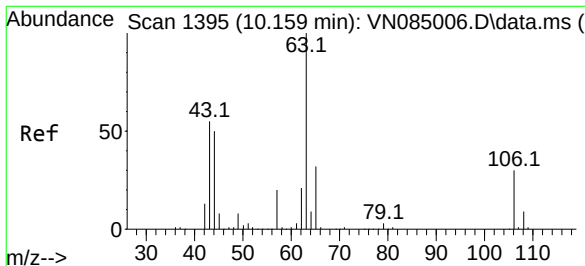
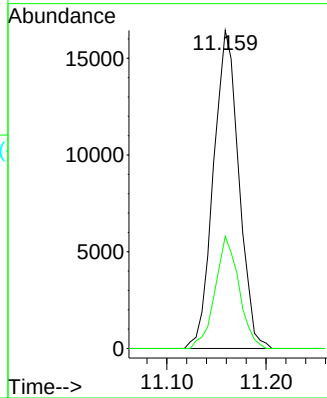
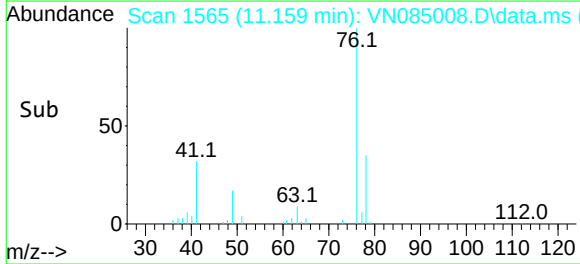
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 76 Resp: 29257
Ion Ratio Lower Upper
76 100
78 33.2 26.1 39.1

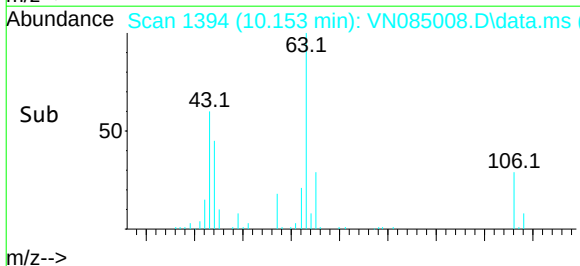
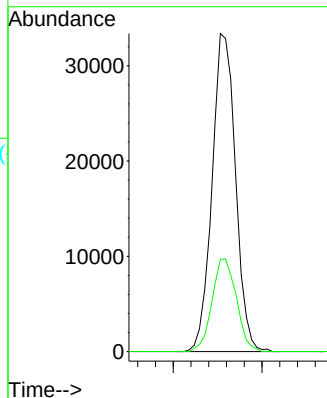
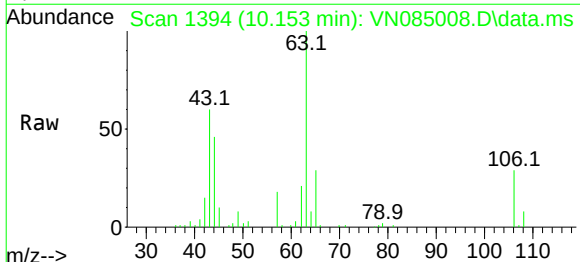
Manual Integrations
APPROVED

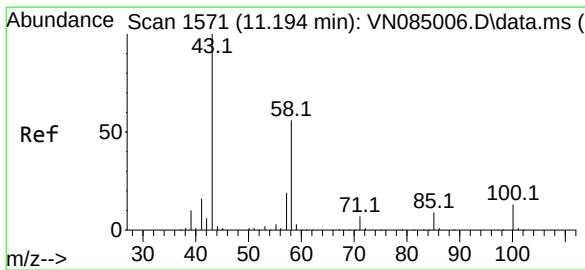
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#58
2-Chloroethyl Vinyl ether
Concen: 48.207 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

Tgt Ion: 63 Resp: 61252
Ion Ratio Lower Upper
63 100
106 30.3 23.0 34.6





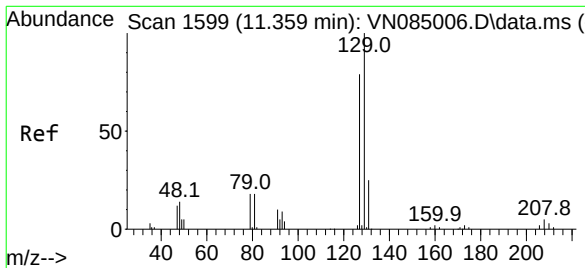
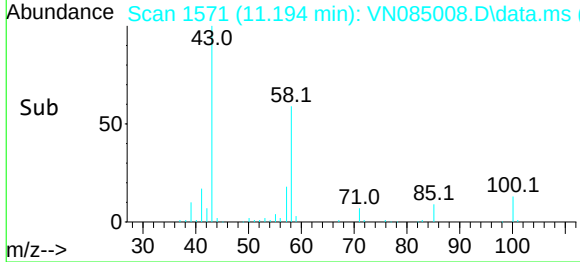
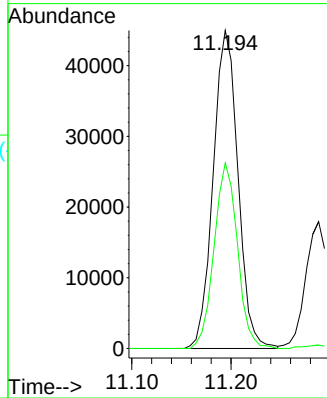
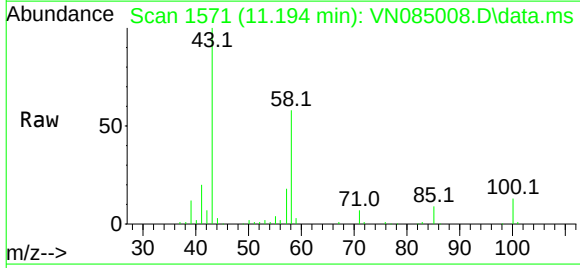
#59
2-Hexanone
Concen: 47.542 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 77951
Ion Ratio Lower Upper
43 100
58 55.0 28.3 85.0

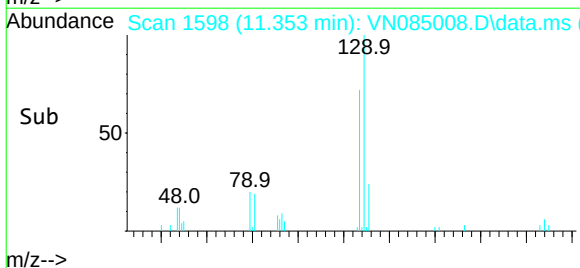
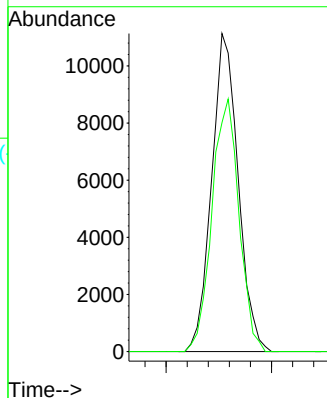
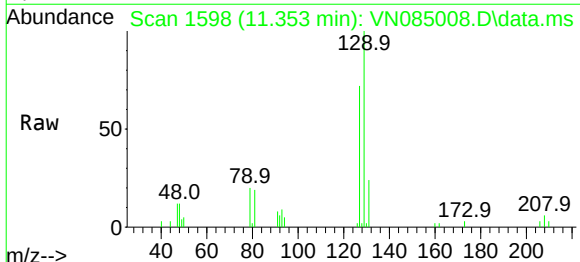
Manual Integrations
APPROVED

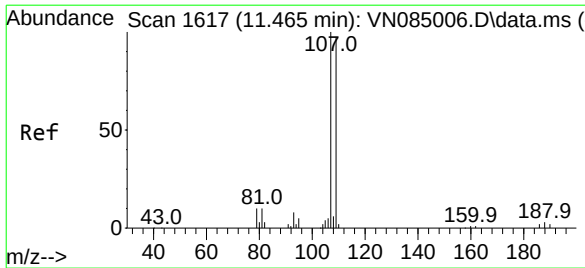
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#60
Dibromochloromethane
Concen: 8.991 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

Tgt Ion:129 Resp: 19478
Ion Ratio Lower Upper
129 100
127 80.8 39.2 117.6





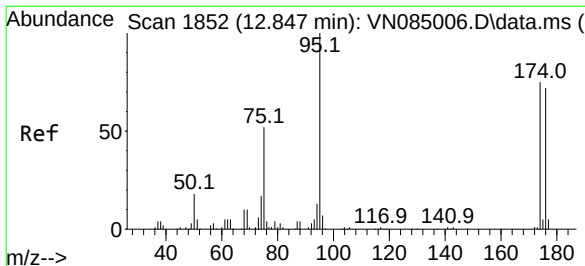
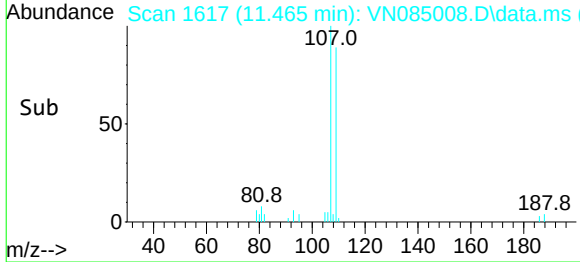
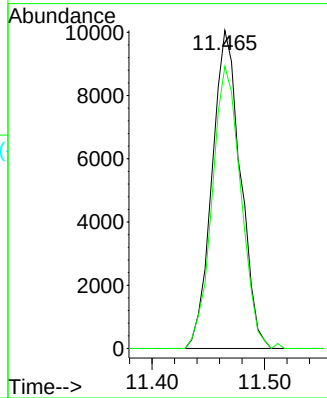
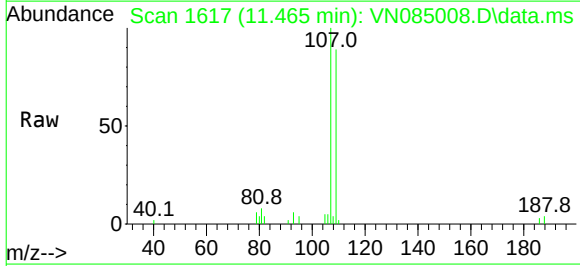
#61
1,2-Dibromoethane
Concen: 9.633 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 107 Resp: 17673
Ion Ratio Lower Upper
107 100
109 89.8 76.1 114.1

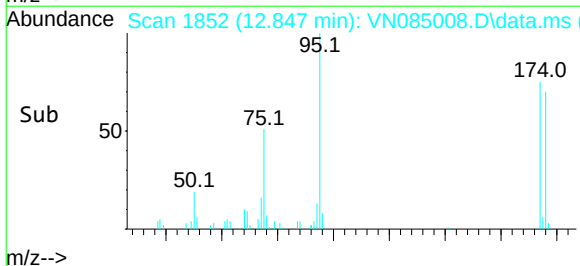
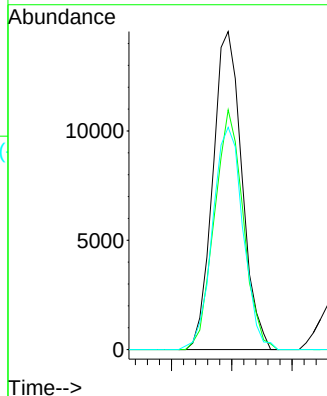
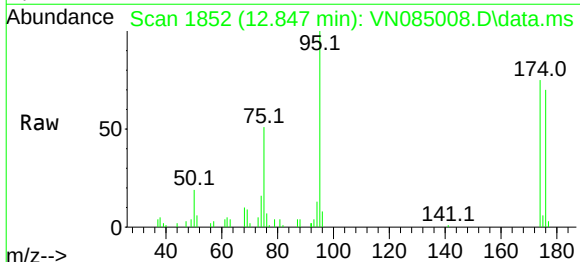
Manual Integrations
APPROVED

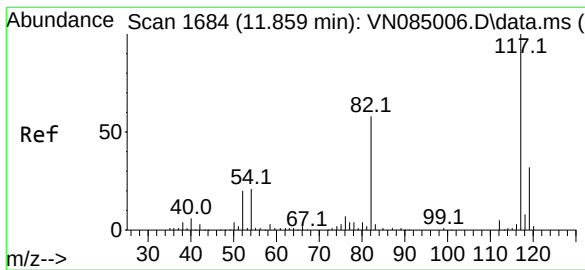
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#62
4-Bromofluorobenzene
Concen: 9.691 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

Tgt Ion: 95 Resp: 24371
Ion Ratio Lower Upper
95 100
174 74.7 0.0 146.6
176 73.3 0.0 141.8





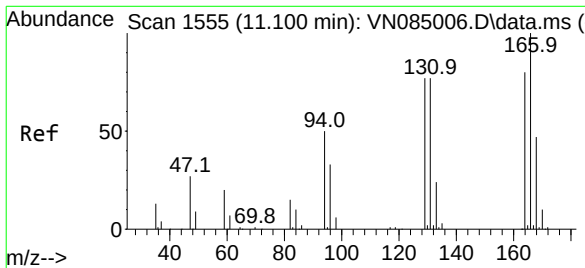
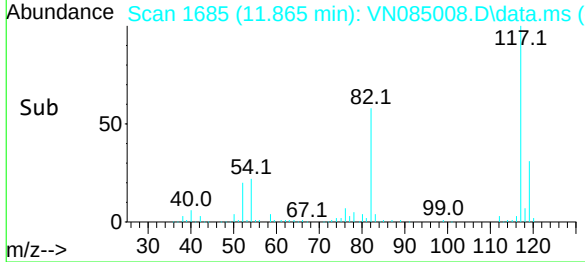
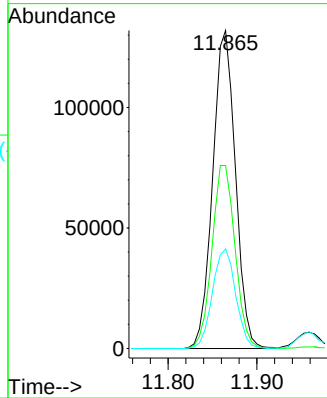
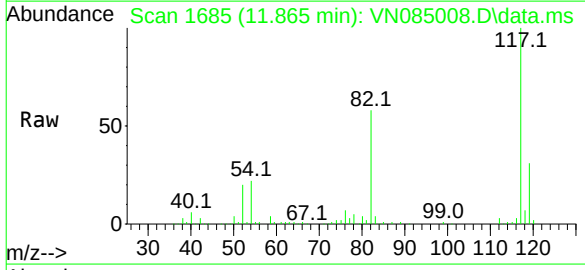
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:	117	Resp:	234609
Ion	Ratio	Lower	Upper
117	100		
82	57.5	46.0	69.0
119	31.3	25.6	38.4

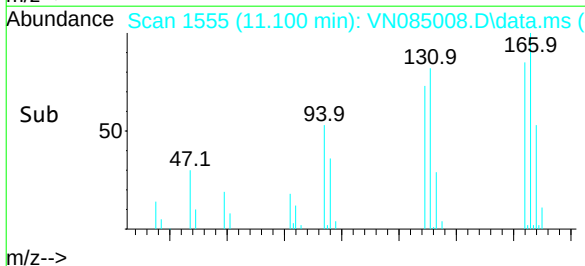
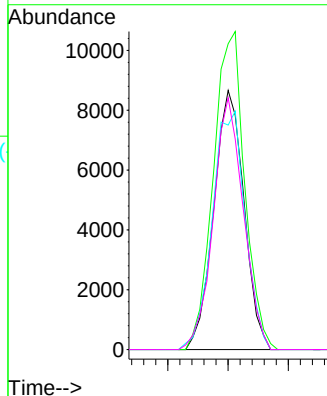
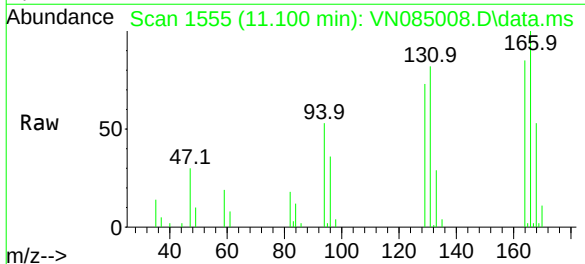
Manual Integrations
APPROVED

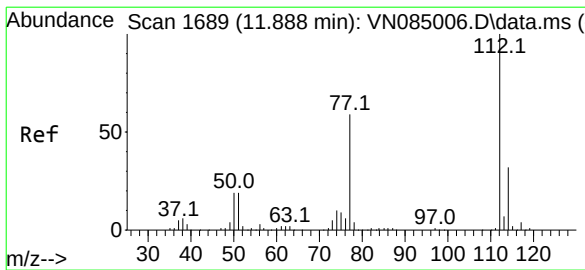
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#64
Tetrachloroethene
Concen: 9.547 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

Tgt Ion:	164	Resp:	15092
Ion	Ratio	Lower	Upper
164	100		
166	118.1	100.6	151.0
129	86.6	77.7	116.5
131	97.2	77.2	115.8





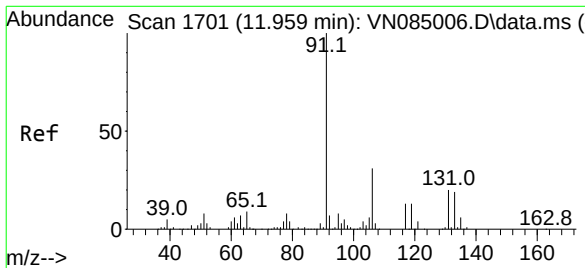
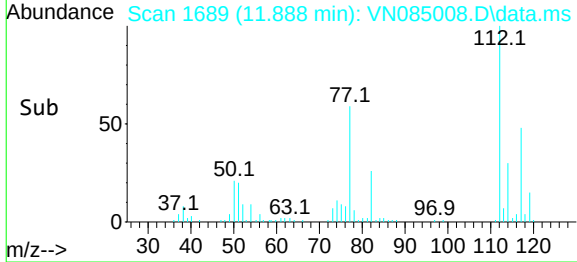
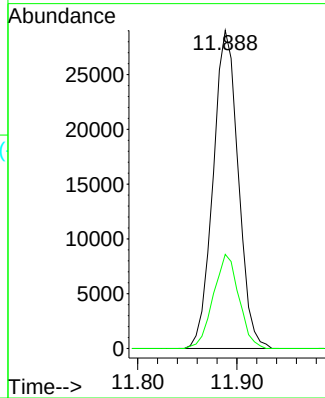
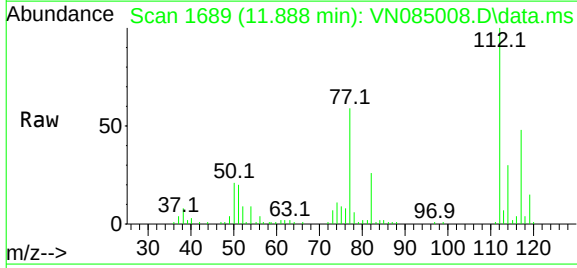
#65
Chlorobenzene
Concen: 9.605 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:112 Resp: 51106
Ion Ratio Lower Upper
112 100
114 29.6 25.8 38.6

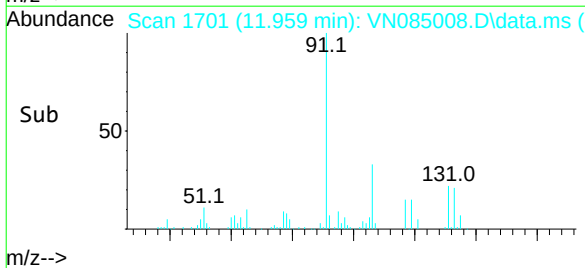
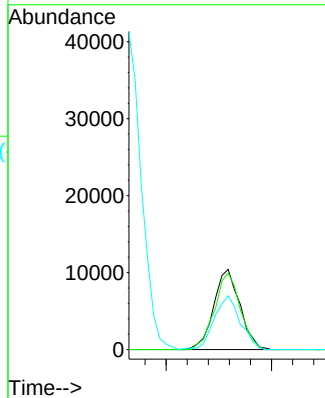
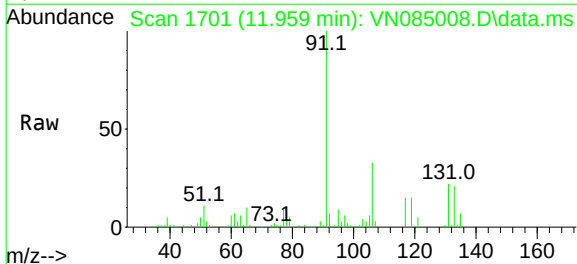
Manual Integrations
APPROVED

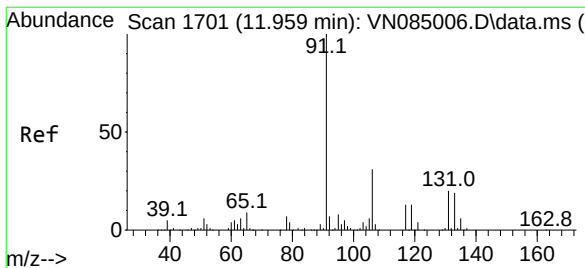
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 9.590 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

Tgt Ion:131 Resp: 17966
Ion Ratio Lower Upper
131 100
133 93.9 47.8 143.4
119 66.8 32.1 96.3





#67

Ethyl Benzene

Concen: 9.229 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN085008.D

Acq: 22 Nov 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 91 Resp: 79668

Ion Ratio Lower Upper

91 100

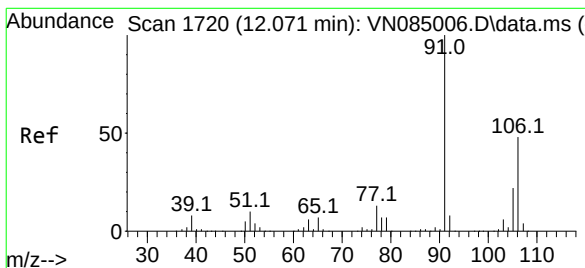
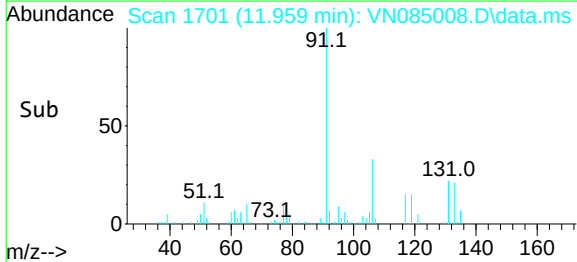
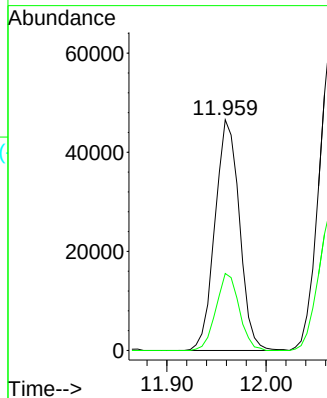
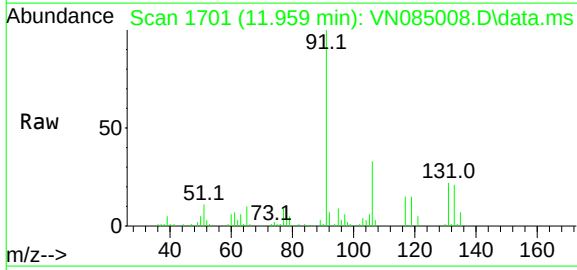
106 33.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#68

m/p-Xylenes

Concen: 18.925 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN085008.D

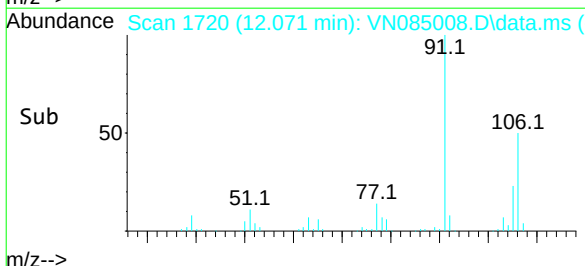
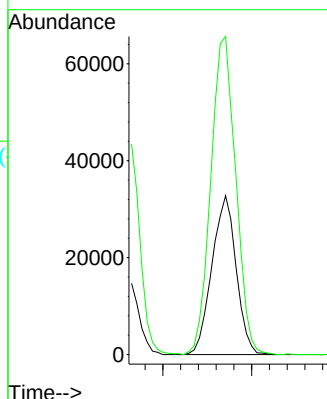
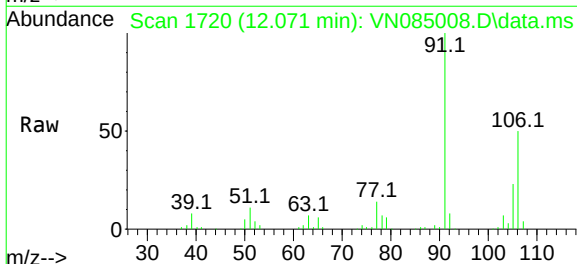
Acq: 22 Nov 2024 12:34

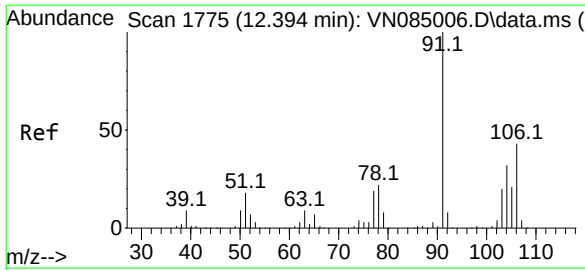
Tgt Ion:106 Resp: 62195

Ion Ratio Lower Upper

106 100

91 206.1 168.0 252.0





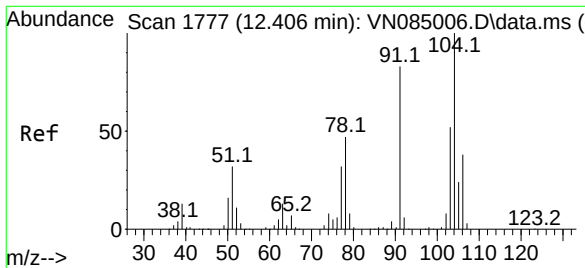
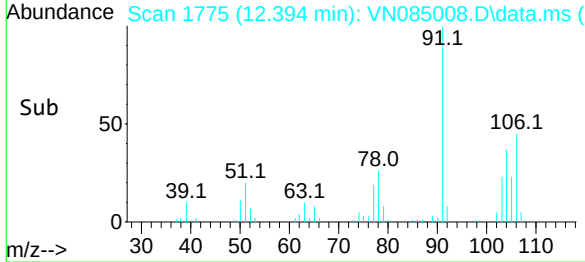
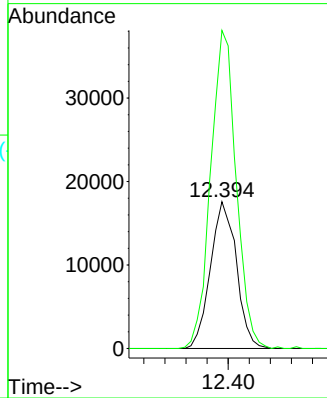
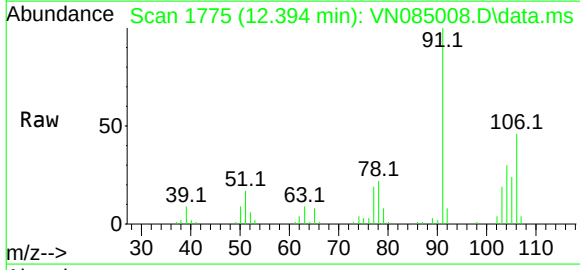
#69
o-Xylene
Concen: 9.618 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:106 Resp: 30067
Ion Ratio Lower Upper
106 100
91 212.5 110.7 331.9

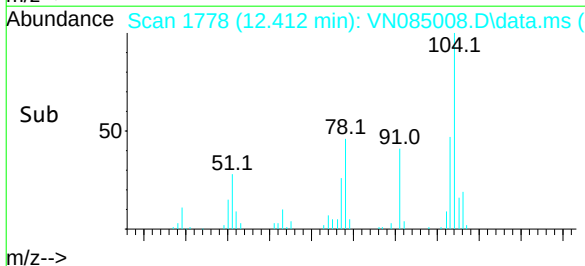
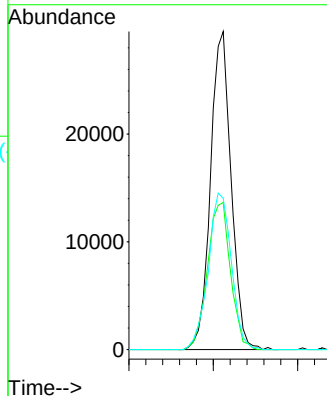
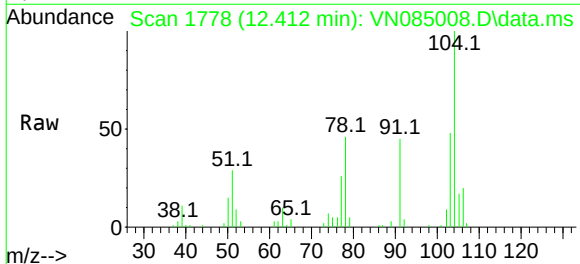
Manual Integrations
APPROVED

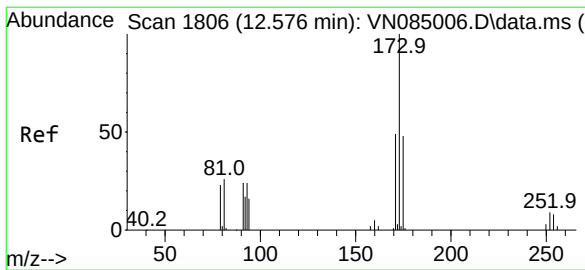
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#70
Styrene
Concen: 9.647 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

Tgt Ion:104 Resp: 50150
Ion Ratio Lower Upper
104 100
78 51.8 42.3 63.5
103 55.3 44.2 66.2





#71

Bromoform

Concen: 9.228 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085008.D

Acq: 22 Nov 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

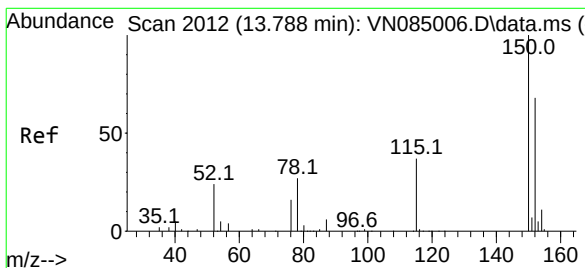
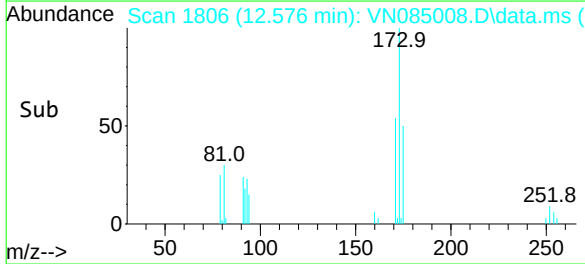
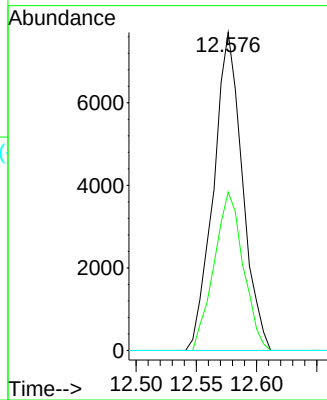
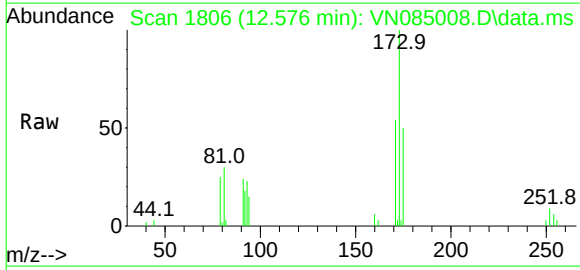
Tgt Ion:	173	Resp:	12832
Ion Ratio	Lower	Upper	
173	100		
175	50.4	23.8	71.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

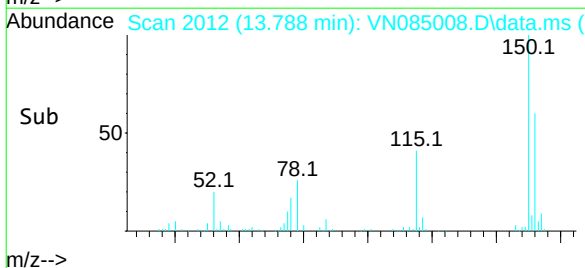
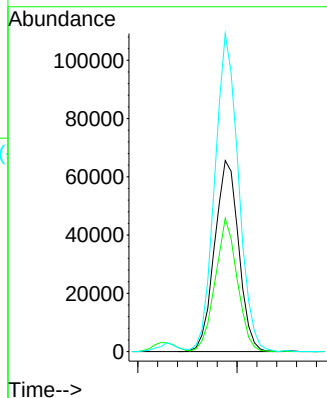
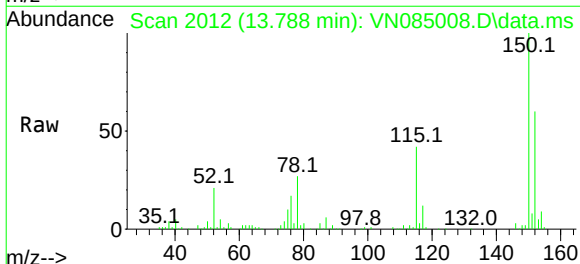
RT: 13.788 min Scan# 2012

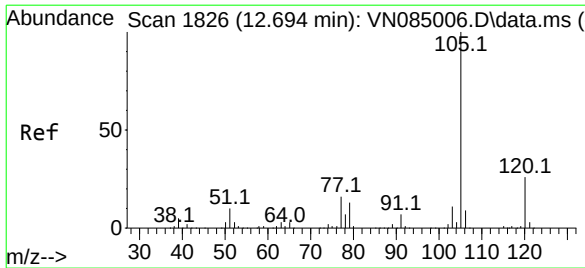
Delta R.T. -0.000 min

Lab File: VN085008.D

Acq: 22 Nov 2024 12:34

Tgt Ion:	152	Resp:	110358
Ion Ratio	Lower	Upper	
152	100		
115	63.9	31.7	95.1
150	163.9	0.0	351.4





#73

Isopropylbenzene

Concen: 9.644 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN085008.D

Acq: 22 Nov 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 105 Resp: 75080

Ion Ratio Lower Upper

105 100

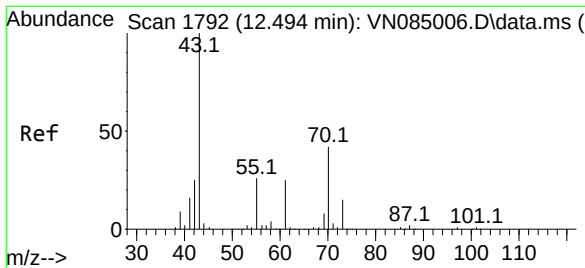
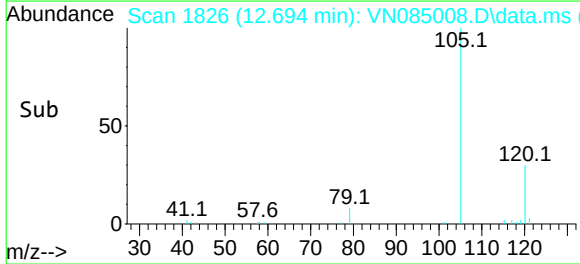
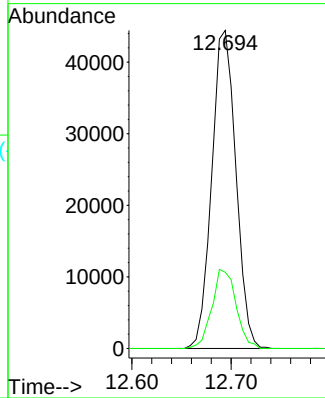
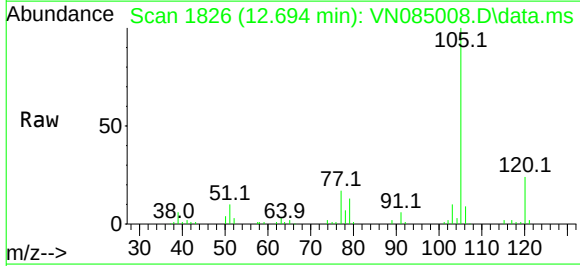
120 24.9 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#74

N-ethyl acetate

Concen: 9.292 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.006 min

Lab File: VN085008.D

Acq: 22 Nov 2024 12:34

Tgt Ion: 43 Resp: 29811

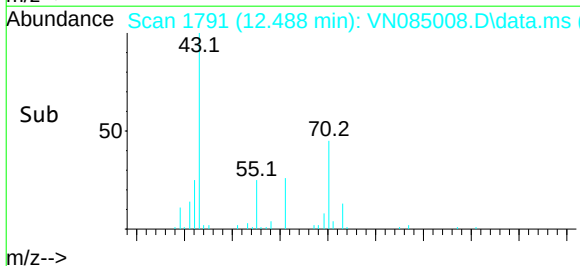
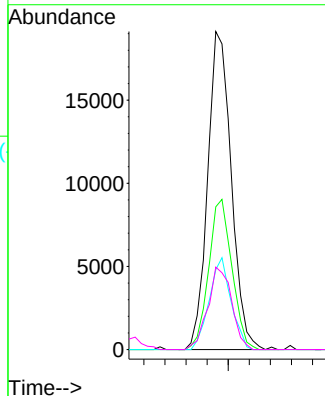
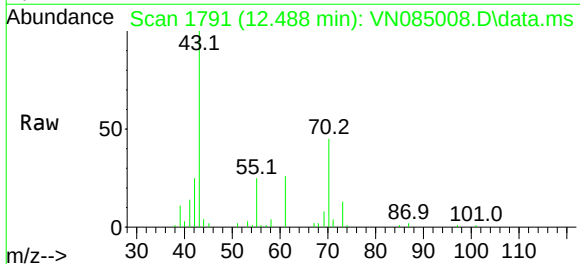
Ion Ratio Lower Upper

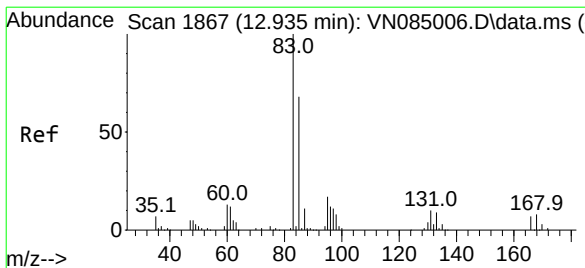
43 100

70 46.4 34.6 51.8

55 26.6 20.5 30.7

61 26.1 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 9.532 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN085008.D

Acq: 22 Nov 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

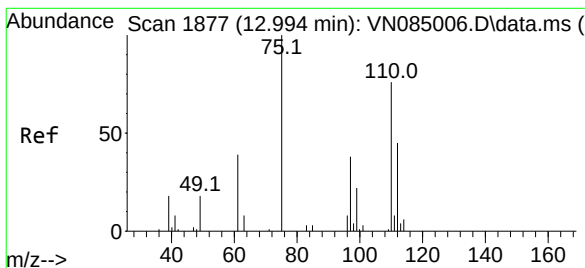
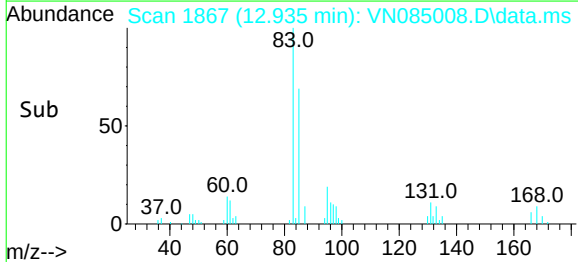
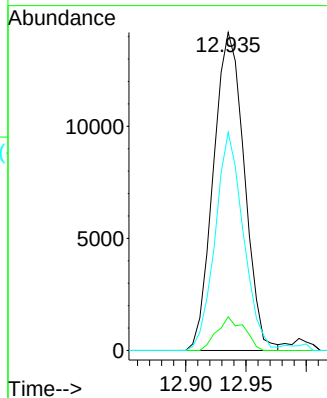
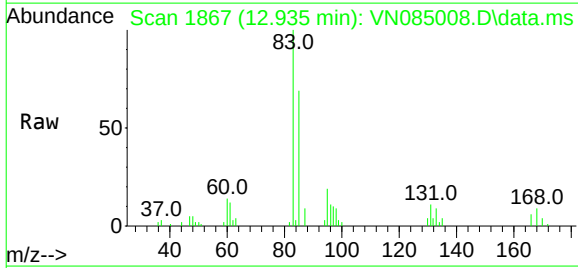
Tgt Ion: 83	Resp: 25341
Ion Ratio	Lower Upper
83 100	
131 9.2	5.1 15.4
85 62.6	32.1 96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#76

1,2,3-Trichloropropane

Concen: 8.206 ug/l m

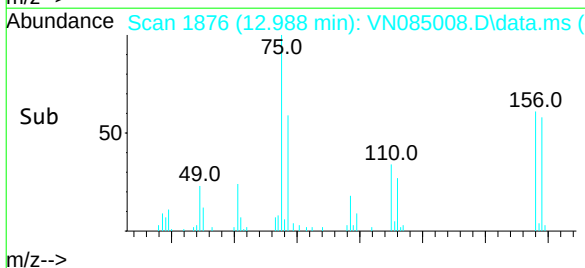
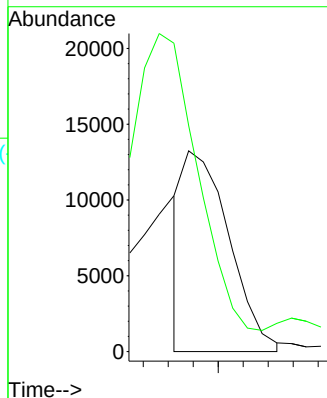
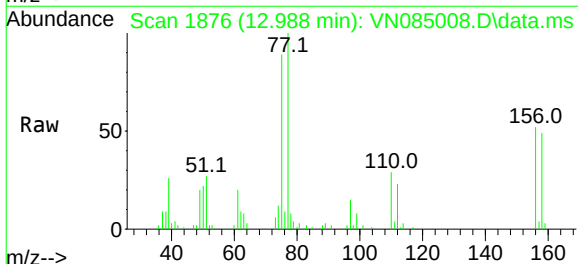
RT: 12.988 min Scan# 1876

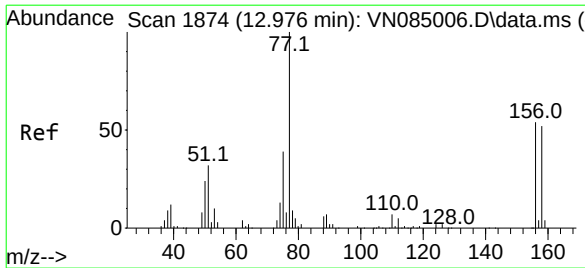
Delta R.T. -0.006 min

Lab File: VN085008.D

Acq: 22 Nov 2024 12:34

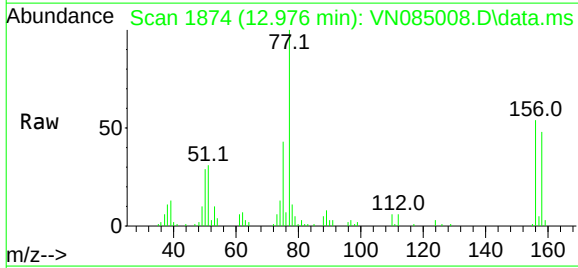
Tgt Ion: 75	Resp: 16940
Ion Ratio	Lower Upper
75 100	
77 251.7	109.1 327.4





#77
Bromobenzene
Concen: 9.500 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

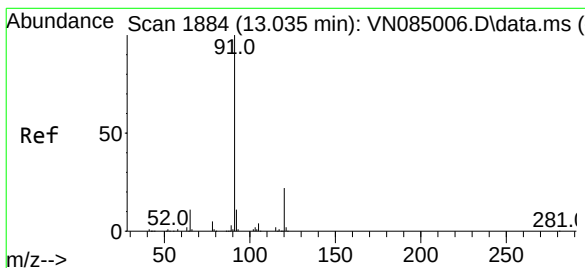
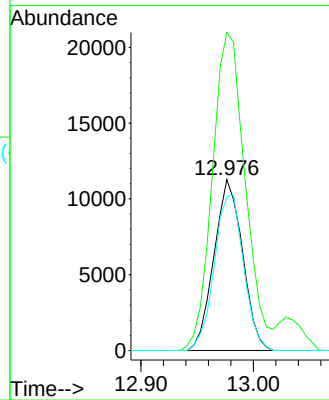
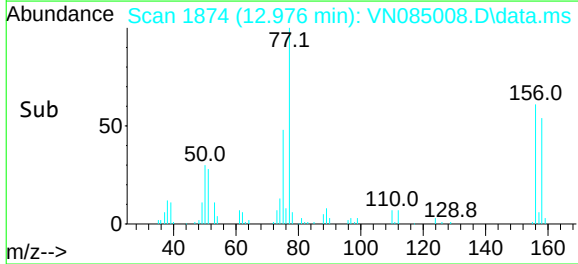
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 156 Resp: 19904
Ion Ratio Lower Upper
156 100
77 214.3 107.2 321.6
158 93.5 48.5 145.6

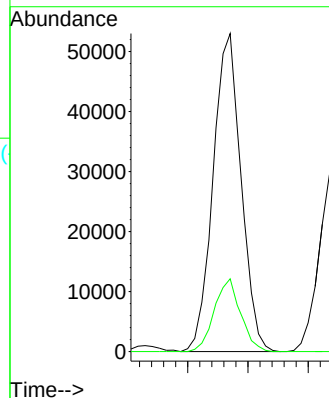
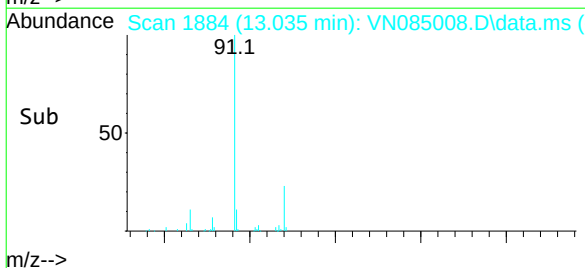
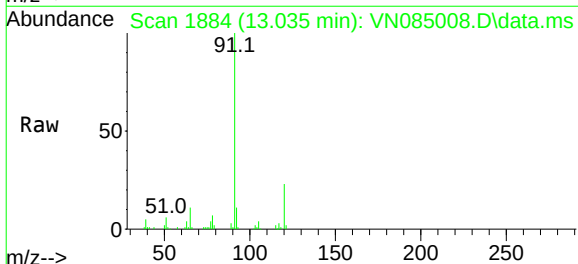
Manual Integrations
APPROVED

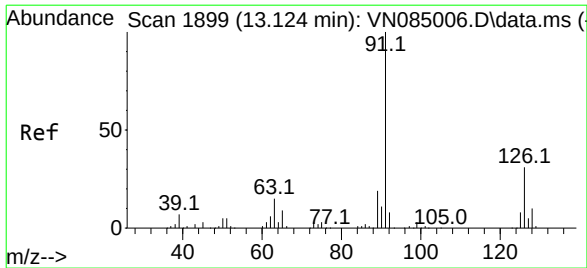
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#78
n-propylbenzene
Concen: 9.537 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

Tgt Ion: 91 Resp: 85642
Ion Ratio Lower Upper
91 100
120 21.4 11.3 33.9





#79

2-Chlorotoluene

Concen: 9.715 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VN085008.D

Acq: 22 Nov 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 91 Resp: 58233

Ion Ratio Lower Upper

91 100

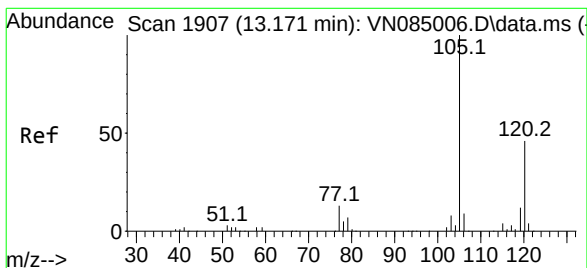
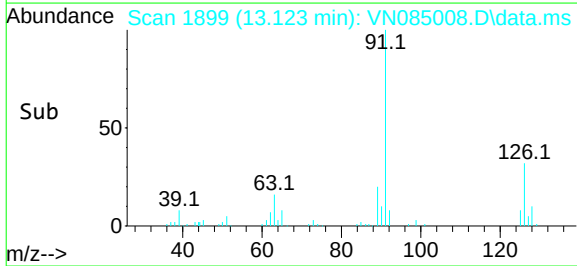
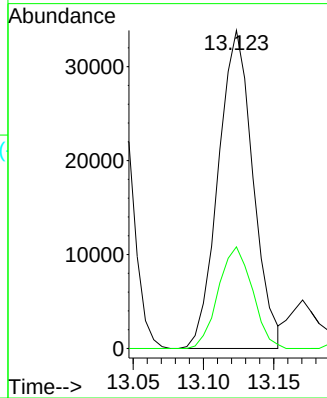
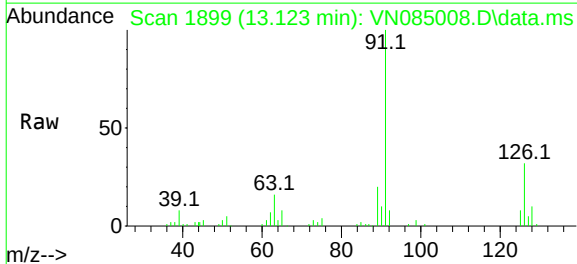
126 31.2 16.1 48.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#80

1,3,5-Trimethylbenzene

Concen: 9.676 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN085008.D

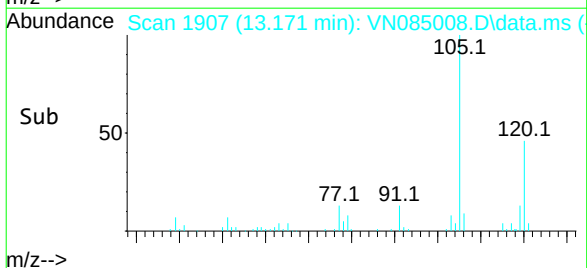
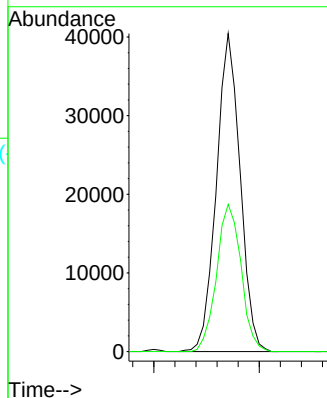
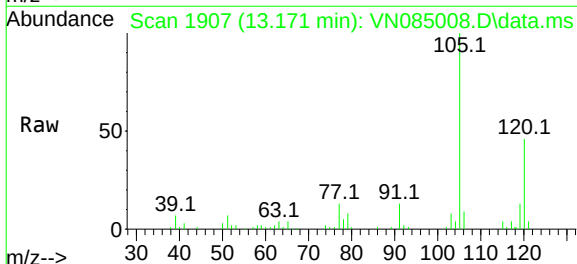
Acq: 22 Nov 2024 12:34

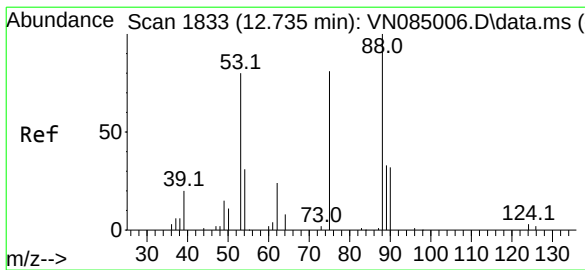
Tgt Ion:105 Resp: 63212

Ion Ratio Lower Upper

105 100

120 47.8 23.6 71.0





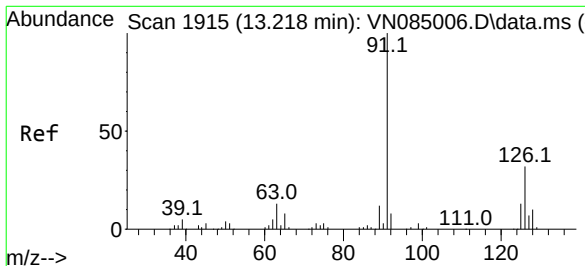
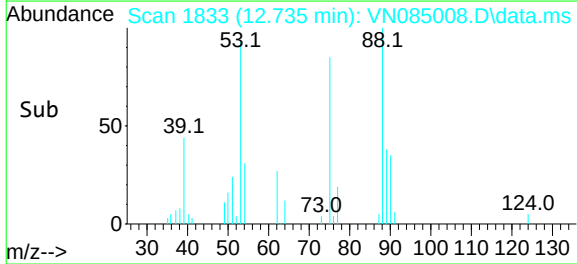
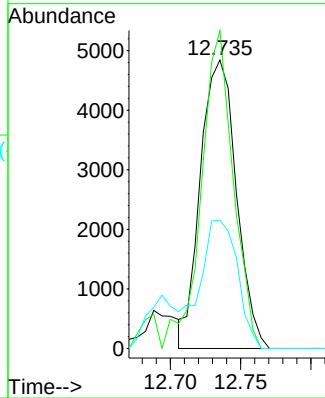
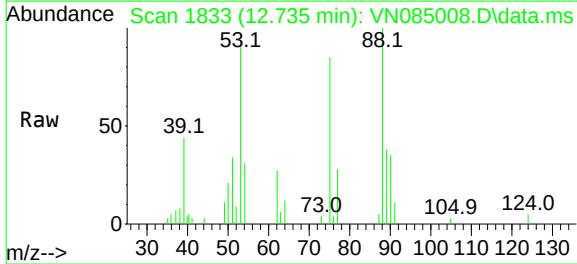
#81
trans-1,4-Dichloro-2-butene
Concen: 9.738 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
75	100		
53	97.9	78.2	117.4
89	46.5	37.9	56.9

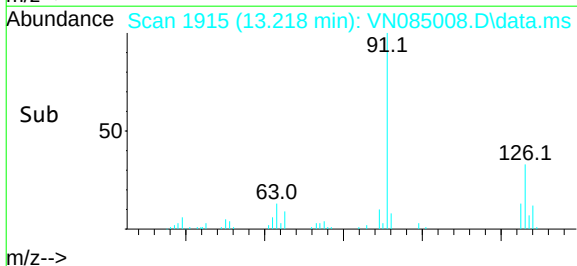
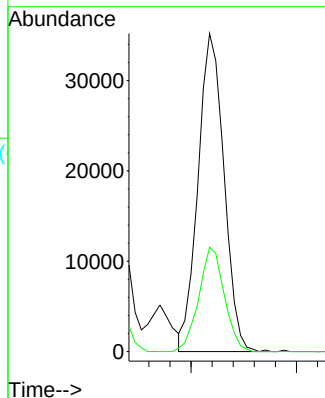
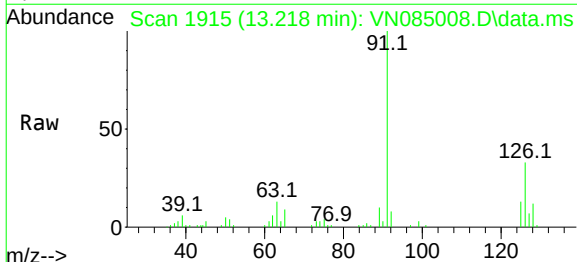
Manual Integrations
APPROVED

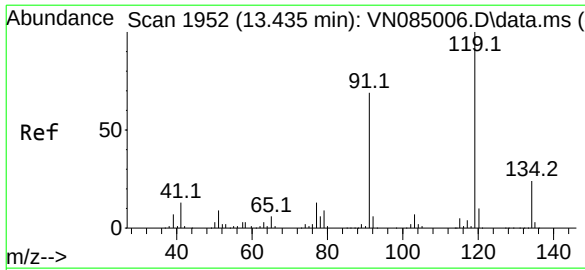
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#82
4-Chlorotoluene
Concen: 9.640 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.1	48.3





#83
tert-Butylbenzene
Concen: 9.566 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

Instrument :

MSVOA_N

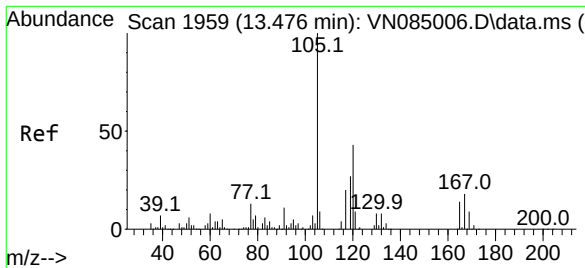
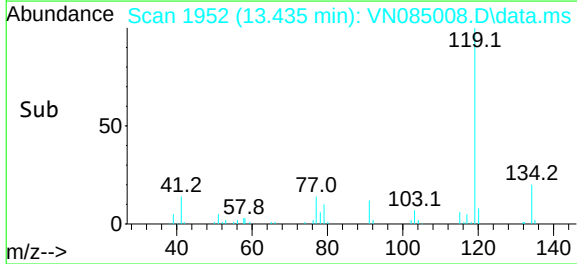
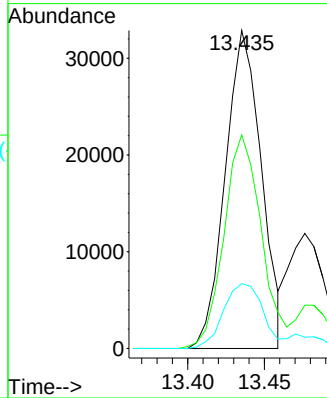
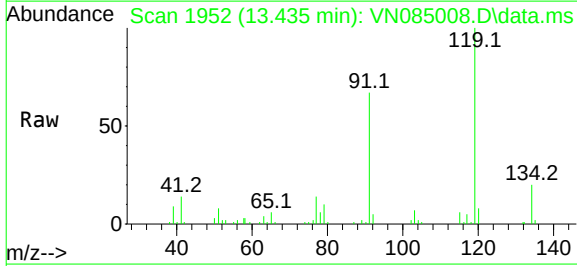
ClientSampleId :

VSTDICC010

Tgt Ion:119 Resp: 53773
Ion Ratio Lower Upper
119 100
91 69.7 35.1 105.5
134 22.7 12.1 36.3

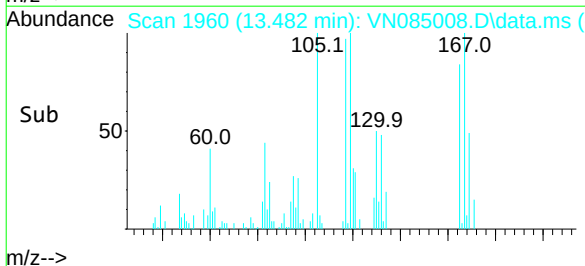
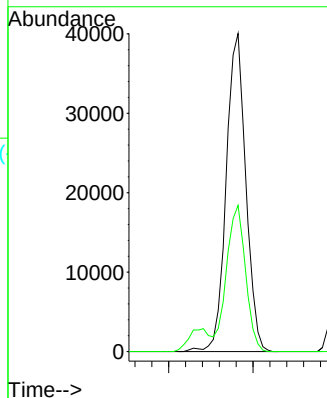
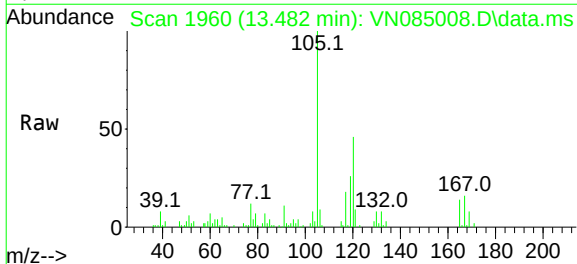
Manual Integrations
APPROVED

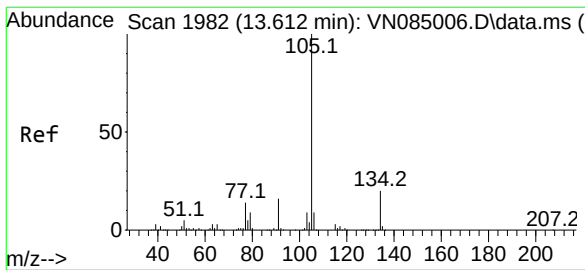
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#84
1,2,4-Trimethylbenzene
Concen: 9.607 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

Tgt Ion:105 Resp: 64606
Ion Ratio Lower Upper
105 100
120 44.5 21.8 65.4





#85

sec-Butylbenzene

Concen: 9.535 ug/l

RT: 13.618 min Scan# 19

Delta R.T. 0.006 min

Lab File: VN085008.D

Acq: 22 Nov 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

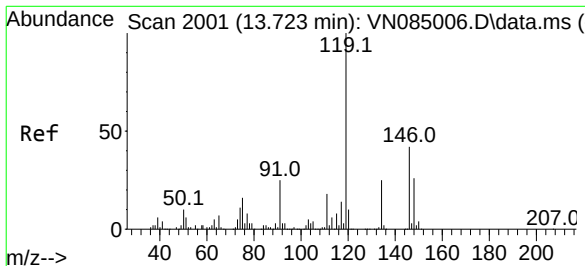
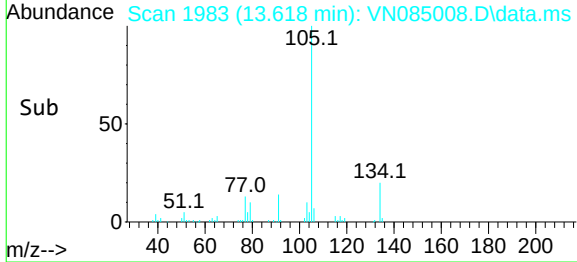
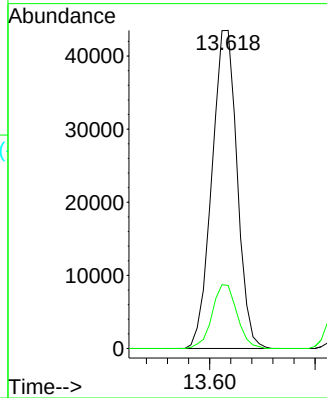
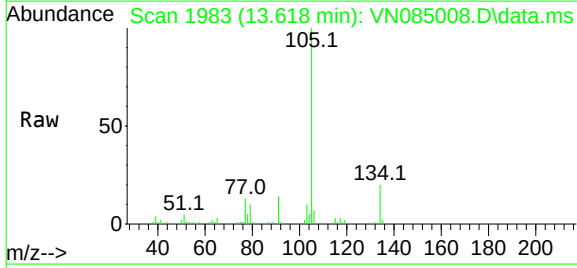
Tgt Ion:105 Resp: 72405
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#86

p-Isopropyltoluene

Concen: 9.647 ug/l

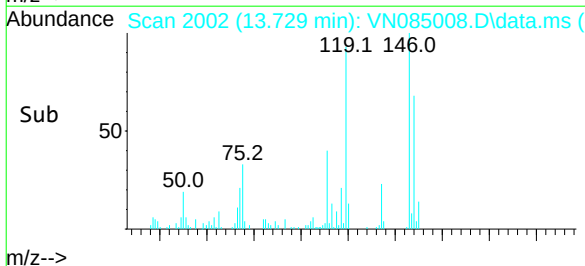
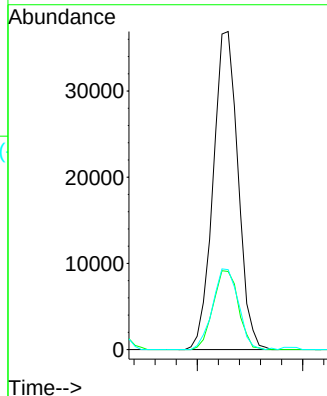
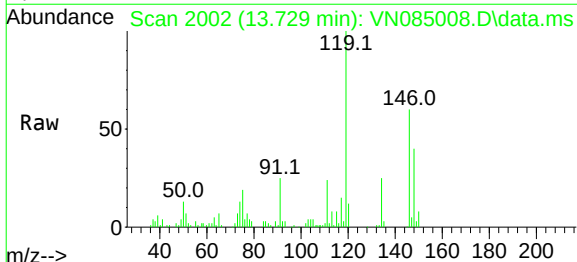
RT: 13.729 min Scan# 2002

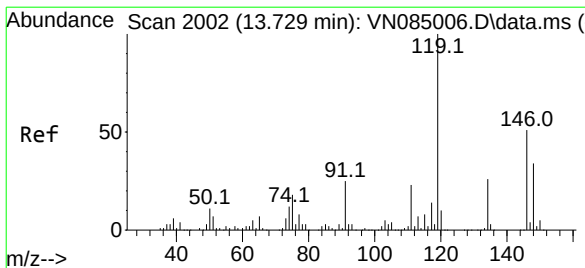
Delta R.T. 0.006 min

Lab File: VN085008.D

Acq: 22 Nov 2024 12:34

Tgt Ion:119 Resp: 60467
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.0 39.0
 91 26.2 12.8 38.4





#87

1,3-Dichlorobenzene

Concen: 9.317 ug/l

RT: 13.735 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN085008.D

Acq: 22 Nov 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

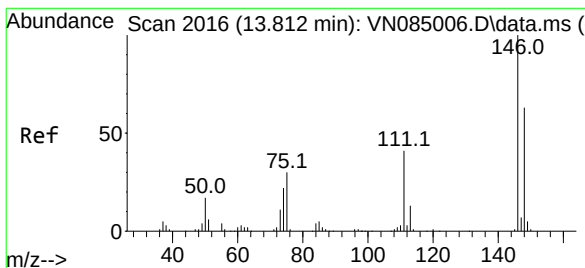
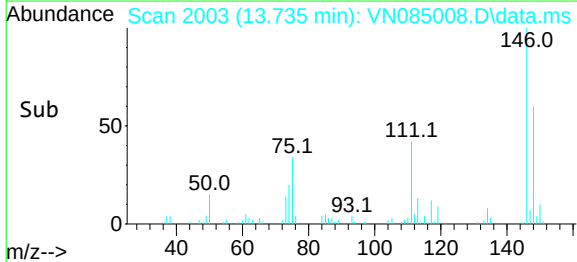
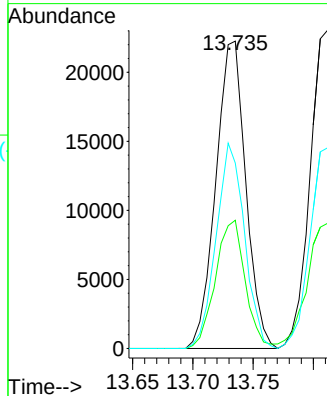
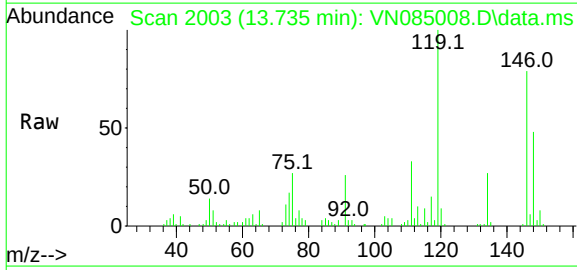
Tgt Ion:	146	Resp:	38501
Ion Ratio	Lower	Upper	
146	100		
111	41.4	21.6	65.0
148	63.3	32.2	96.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#88

1,4-Dichlorobenzene

Concen: 9.360 ug/l

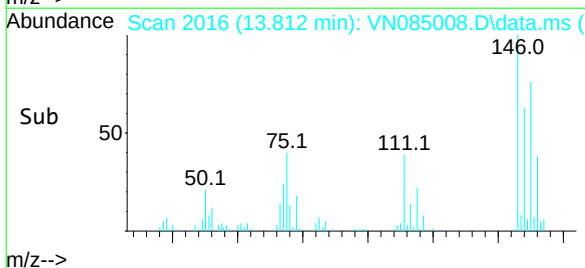
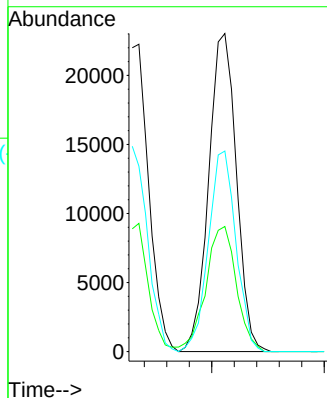
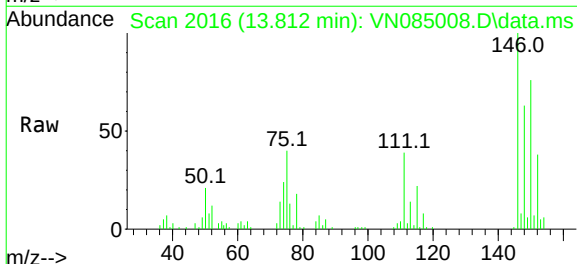
RT: 13.812 min Scan# 2016

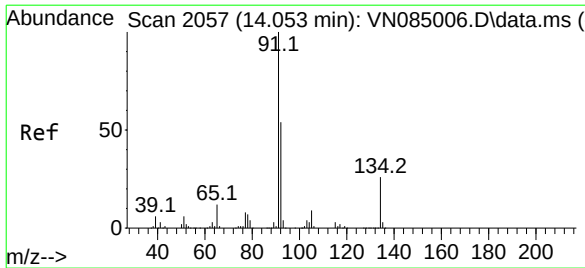
Delta R.T. -0.000 min

Lab File: VN085008.D

Acq: 22 Nov 2024 12:34

Tgt Ion:	146	Resp:	39471
Ion Ratio	Lower	Upper	
146	100		
111	43.5	20.9	62.8
148	62.7	31.3	93.9





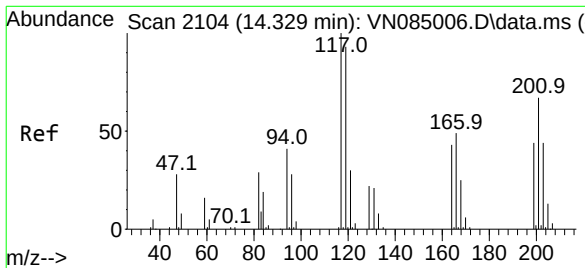
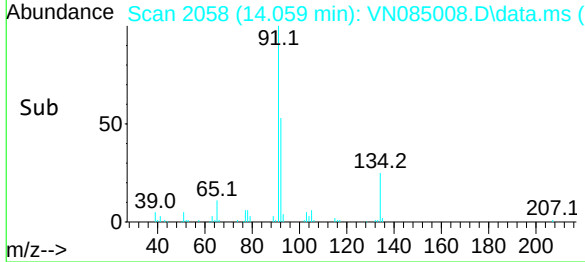
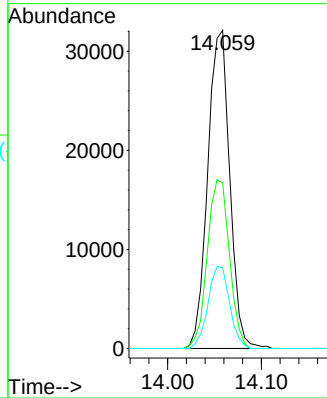
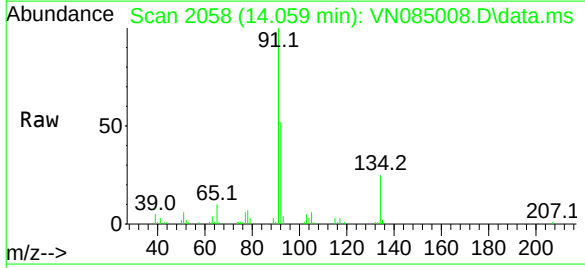
#89
n-Butylbenzene
Concen: 8.994 ug/l
RT: 14.059 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:	91	Resp:	52436
Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.8	80.3
134	25.3	12.8	38.4

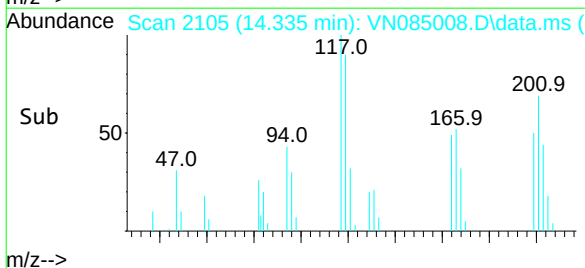
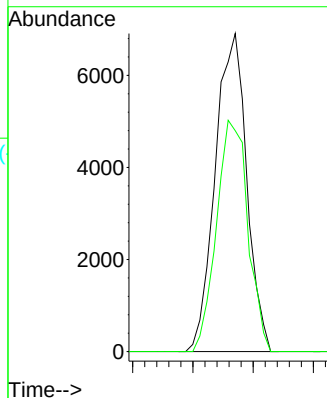
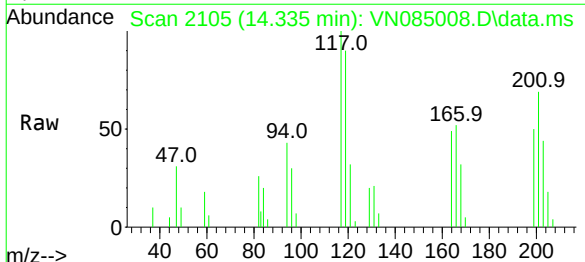
Manual Integrations
APPROVED

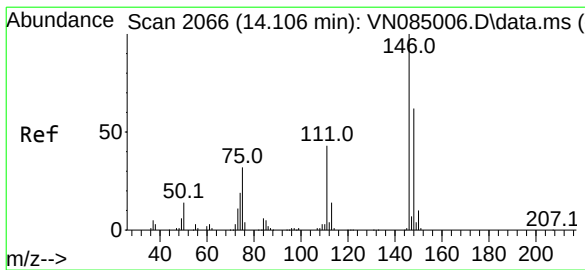
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#90
Hexachloroethane
Concen: 9.179 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

Tgt Ion:	117	Resp:	12541
Ion	Ratio	Lower	Upper
117	100		
201	72.3	35.2	105.6





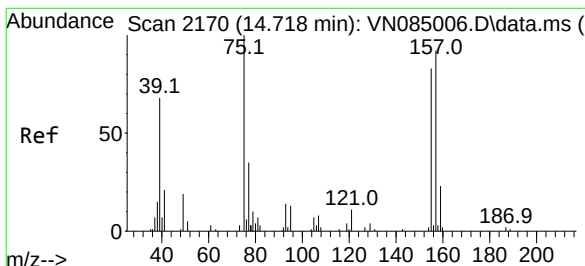
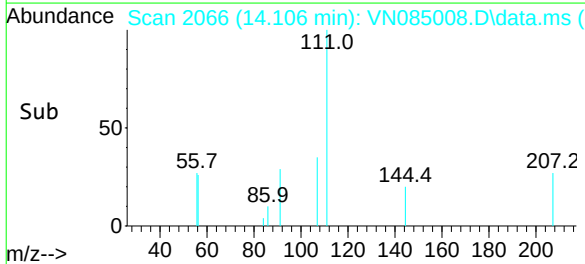
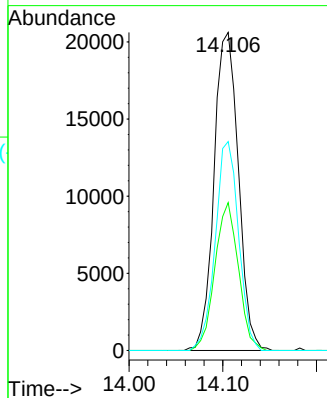
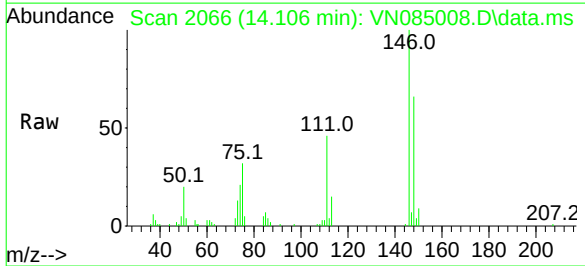
#91
1,2-Dichlorobenzene
Concen: 9.390 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.1	21.9	65.8
148	63.1	31.1	93.2

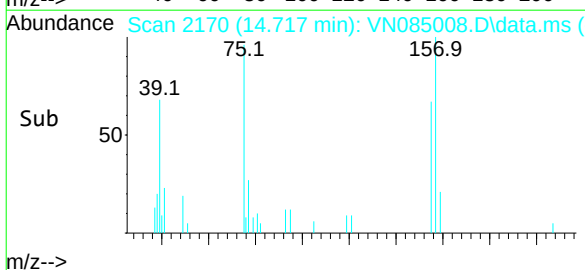
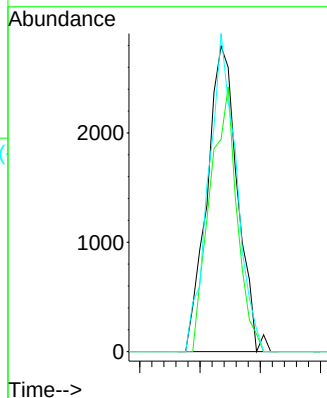
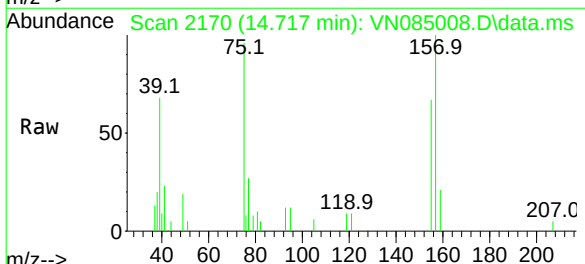
Manual Integrations
APPROVED

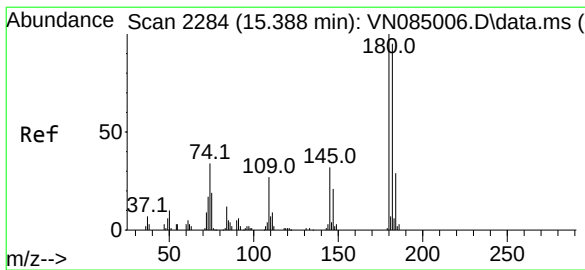
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.565 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085008.D
Acq: 22 Nov 2024 12:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.6	38.9	116.7
157	95.3	48.3	144.9





#93

1,2,4-Trichlorobenzene

Concen: 9.429 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.006 min

Lab File: VN085008.D

Acq: 22 Nov 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

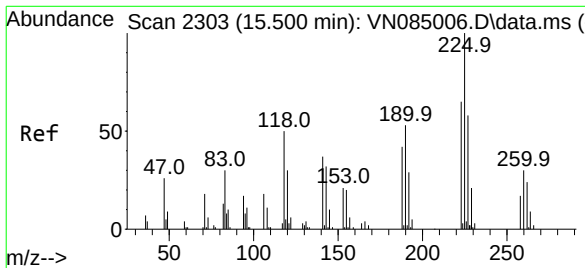
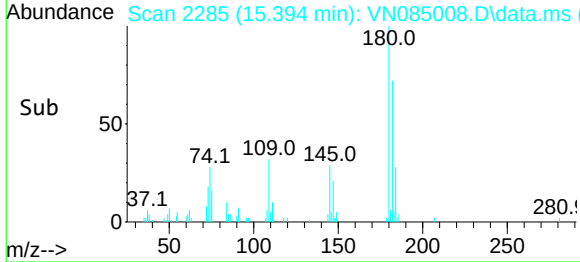
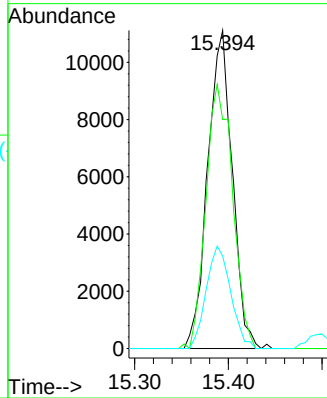
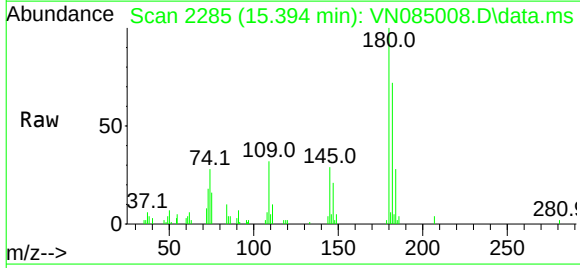
Tgt Ion:	180	Resp:	20285
Ion Ratio	Lower	Upper	
180	100		
182	90.0	46.9	140.8
145	32.0	16.3	48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#94

Hexachlorobutadiene

Concen: 9.080 ug/l

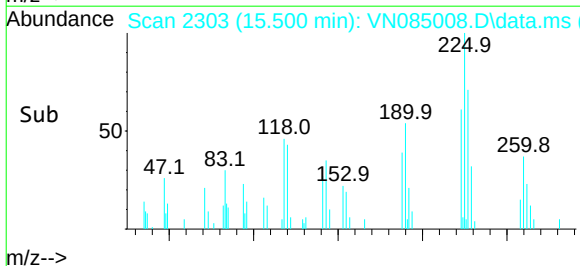
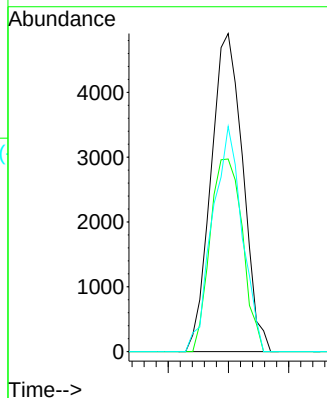
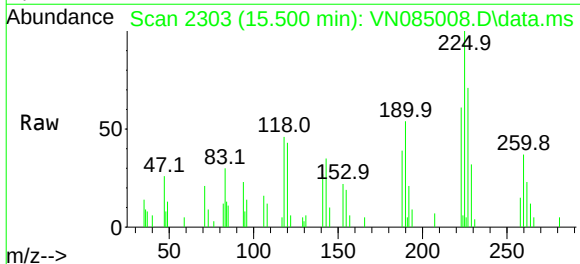
RT: 15.500 min Scan# 2303

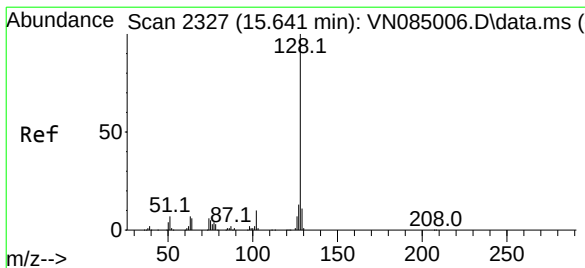
Delta R.T. -0.000 min

Lab File: VN085008.D

Acq: 22 Nov 2024 12:34

Tgt Ion:	225	Resp:	9015
Ion Ratio	Lower	Upper	
225	100		
223	61.7	30.9	92.8
227	66.2	31.5	94.5





#95

Naphthalene

Concen: 8.844 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN085008.D

Acq: 22 Nov 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

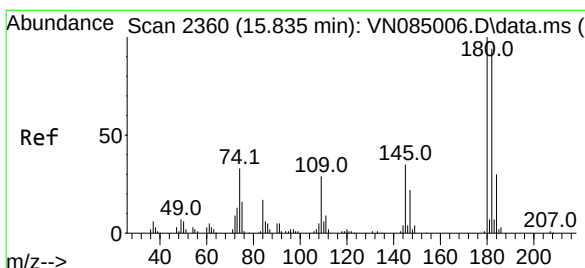
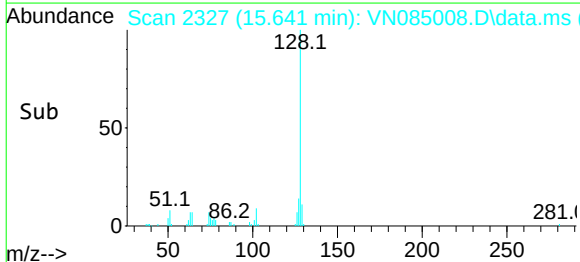
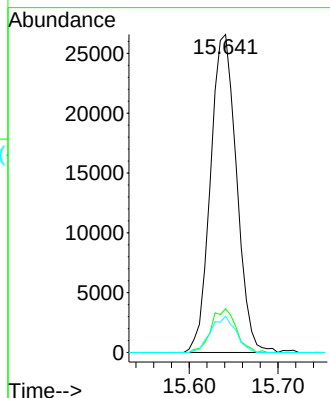
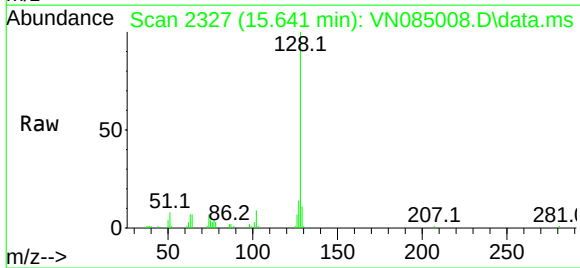
Tgt Ion:	128	Resp:	54191
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	16.0
129	11.0	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#96

1,2,3-Trichlorobenzene

Concen: 9.132 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085008.D

Acq: 22 Nov 2024 12:34

Tgt Ion:	180	Resp:	18745
Ion Ratio	Lower	Upper	
180	100		
182	91.9	46.4	139.2
145	37.3	17.3	52.0

