

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085250.D
 Acq On : 18 Dec 2024 13:57
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 06:25:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:19:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	101896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	189964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	158846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	62164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount 50.000	Range 74 - 125		Recovery =	0.000%	#	
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.000%	#	
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount 50.000	Range 86 - 113		Recovery =	0.000%	#	
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount 50.000	Range 77 - 121		Recovery =	0.000%	#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	1624	1.000	ug/l	84
3) Chloromethane	2.359	50	1948	1.259	ug/l #	87
4) Vinyl Chloride	2.512	62	1567	1.081	ug/l #	79
6) Chloroethane	3.118	64	1766	1.131	ug/l #	83
7) Trichlorofluoromethane	3.495	101	2202	0.941	ug/l #	62
8) Diethyl Ether	3.959	74	626	0.851	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.377	101	1251	0.996	ug/l #	82
12) 1,1-Dichloroethene	4.342	96	1071	0.921	ug/l #	60
14) Allyl chloride	5.024	41	2044	1.015	ug/l #	22
15) Acrylonitrile	5.718	53	3280	4.868	ug/l	94
16) Acetone	4.448	43	3525	5.734	ug/l #	89
17) Carbon Disulfide	4.712	76	5242	1.321	ug/l #	93
18) Methyl Acetate	5.036	43	1933	1.111	ug/l #	69
19) Methyl tert-butyl Ether	5.812	73	3691	0.926	ug/l	99
20) Methylene Chloride	5.277	84	1388	1.032	ug/l #	88
21) trans-1,2-Dichloroethene	5.783	96	1469	1.146	ug/l #	68
22) Diisopropyl ether	6.671	45	3365	0.783	ug/l #	84
23) Vinyl Acetate	6.606	43	14035	4.227	ug/l	97
24) 1,1-Dichloroethane	6.571	63	2432	0.977	ug/l #	85
25) 2-Butanone	7.494	43	4745	5.040	ug/l #	87
26) 2,2-Dichloropropane	7.489	77	2289	0.993	ug/l	80
27) cis-1,2-Dichloroethene	7.489	96	1602	1.073	ug/l	89
28) Bromochloromethane	7.812	49	1388	1.106	ug/l #	87
29) Tetrahydrofuran	7.836	42	2887	4.757	ug/l #	84
30) Chloroform	7.959	83	3033	1.141	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	2468	1.042	ug/l #	47
36) 1,1-Dichloropropene	8.371	75	1708	0.918	ug/l #	83
37) Ethyl Acetate	7.565	43	2044	0.953	ug/l #	71
38) Carbon Tetrachloride	8.359	117	2355	1.047	ug/l #	90
39) Methylcyclohexane	9.588	83	1720	0.889	ug/l #	81
40) Benzene	8.606	78	5368	0.928	ug/l	90
41) Methacrylonitrile	7.777	41	946	0.865	ug/l #	74
42) 1,2-Dichloroethane	8.671	62	2046	0.928	ug/l #	77
43) Isopropyl Acetate	8.694	43	4966	1.266	ug/l #	82
44) Trichloroethene	9.347	130	1270	0.986	ug/l	65
45) 1,2-Dichloropropane	9.612	63	1387	0.968	ug/l #	88

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085250.D
 Acq On : 18 Dec 2024 13:57
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Dec 19 06:25:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:19:00 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.706	93	954	0.933	ug/l #	78
47) Bromodichloromethane	9.883	83	2026	0.925	ug/l #	89
48) Methyl methacrylate	9.683	41	1393	0.866	ug/l	92
49) 1,4-Dioxane	9.700	88	361	14.236	ug/l #	40
51) 4-Methyl-2-Pentanone	10.447	43	8391	4.070	ug/l	97
52) Toluene	10.624	92	3238	0.931	ug/l	89
53) t-1,3-Dichloropropene	10.841	75	1627	0.762	ug/l #	84
54) cis-1,3-Dichloropropene	10.312	75	1915	0.843	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	1186	0.911	ug/l #	67
56) Ethyl methacrylate	10.871	69	1442	2.793	ug/l	97
57) 1,3-Dichloropropane	11.165	76	2128	0.928	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.159	63	2886	17.794	ug/l	97
59) 2-Hexanone	11.194	43	5374	3.657	ug/l	94
60) Dibromochloromethane	11.359	129	1329	0.861	ug/l	98
61) 1,2-Dibromoethane	11.471	107	1216	0.906	ug/l	93
64) Tetrachloroethene	11.100	164	1012	0.947	ug/l #	73
65) Chlorobenzene	11.888	112	3581	1.003	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	1078	0.865	ug/l #	58
67) Ethyl Benzene	11.959	91	5208	0.851	ug/l	97
68) m/p-Xylenes	12.071	106	3798	1.659	ug/l	99
69) o-Xylene	12.400	106	1692	0.786	ug/l	95
70) Styrene	12.418	104	2751	0.766	ug/l	95
71) Bromoform	12.576	173	842	0.862	ug/l #	99
73) Isopropylbenzene	12.694	105	3330	0.743	ug/l	97
74) N-amyl acetate	12.488	43	1748	0.780	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.929	83	1677	1.050	ug/l #	91
76) 1,2,3-Trichloropropane	12.994	75	1455m	0.982	ug/l	
77) Bromobenzene	12.976	156	1330	1.130	ug/l	92
78) n-propylbenzene	13.035	91	4704	0.855	ug/l	93
79) 2-Chlorotoluene	13.118	91	3091	0.885	ug/l	95
80) 1,3,5-Trimethylbenzene	13.171	105	2808	0.751	ug/l	99
82) 4-Chlorotoluene	13.229	91	3041	0.861	ug/l	96
83) tert-Butylbenzene	13.435	119	2748	0.866	ug/l	85
84) 1,2,4-Trimethylbenzene	13.471	105	3057	0.800	ug/l	92
85) sec-Butylbenzene	13.612	105	3372	0.762	ug/l	92
86) p-Isopropyltoluene	13.729	119	2415	2.489	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	2237	1.032	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	2631m	1.173	ug/l	
89) n-Butylbenzene	14.053	91	2897	0.891	ug/l	92
90) Hexachloroethane	14.329	117	842	1.036	ug/l	96
91) 1,2-Dichlorobenzene	14.112	146	1864	0.924	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.712	75	212	0.692	ug/l	90
93) 1,2,4-Trichlorobenzene	15.400	180	1206	1.168	ug/l #	82
94) Hexachlorobutadiene	15.494	225	673	1.254	ug/l	79
95) Naphthalene	15.641	128	3956	1.157	ug/l #	71
96) 1,2,3-Trichlorobenzene	15.841	180	1186	1.150	ug/l	89

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

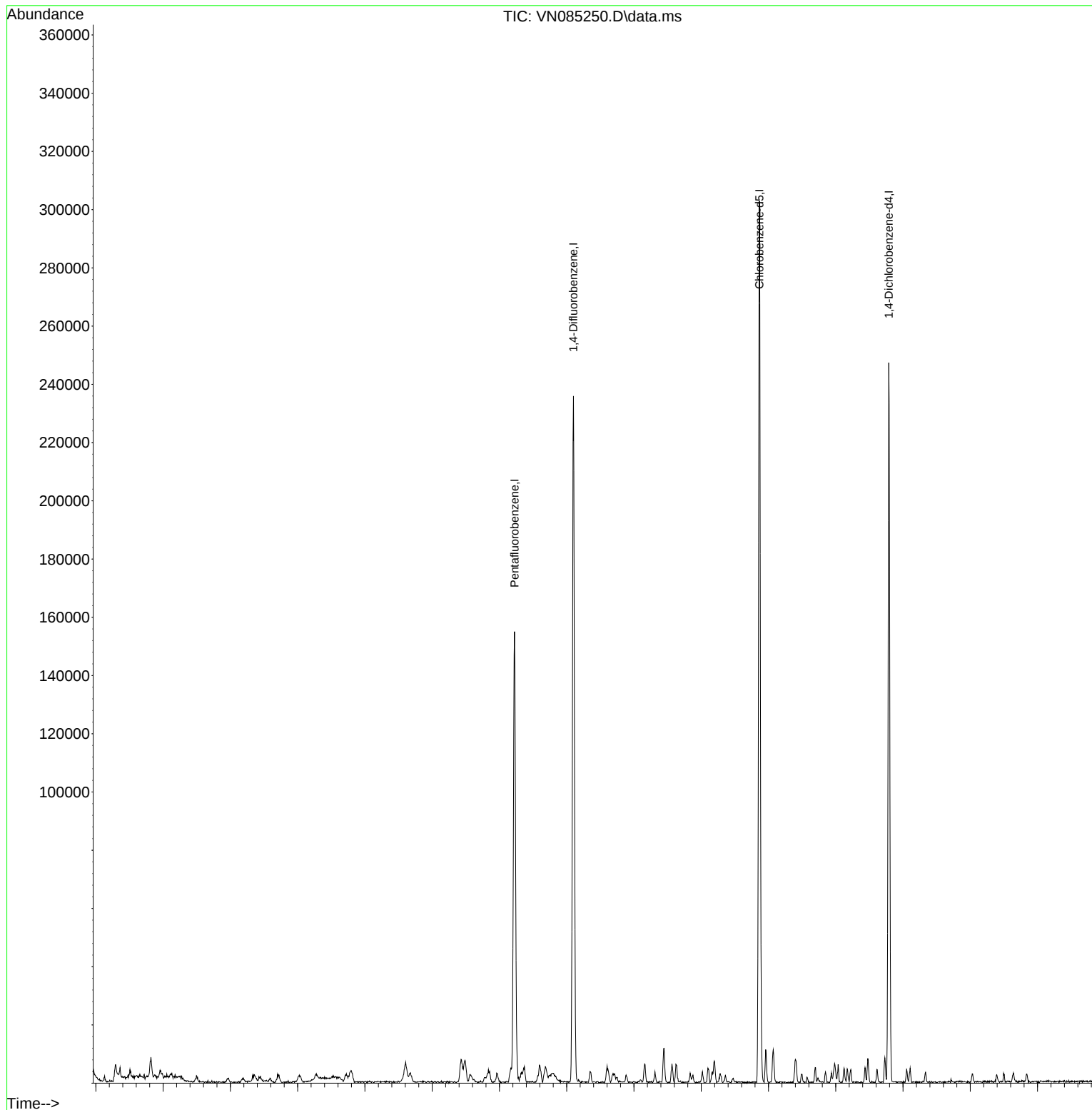
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
Data File : VN085250.D
Acq On : 18 Dec 2024 13:57
Operator : JC\MD
Sample : VSTDIC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

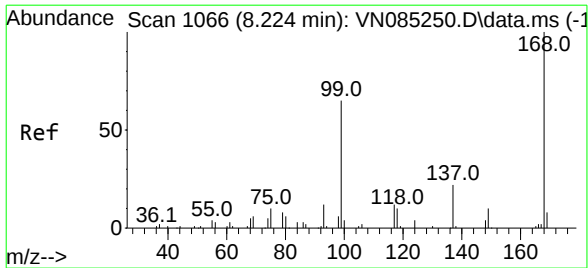
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Manual Integrations
APPROVED

Reviewed By : John Carlone 12/20/2024
Supervised By : Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 06:25:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:19:00 2024
Response via : Initial Calibration





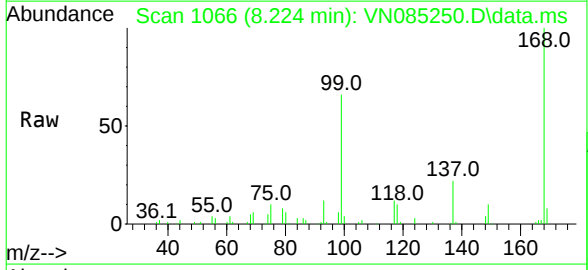
#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. 0.006 min
 Lab File: VN085250.D
 Acq: 18 Dec 2024 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001



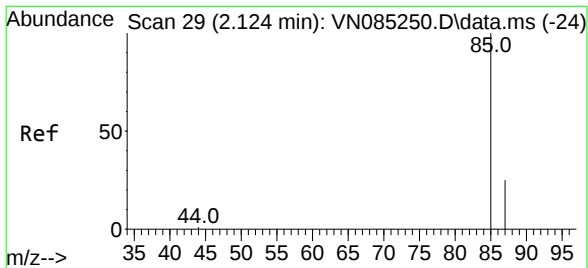
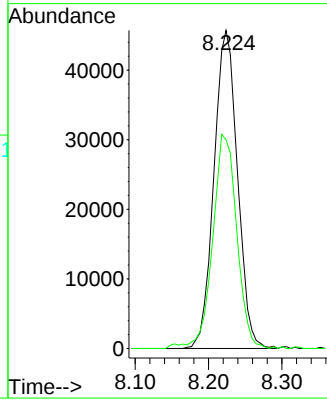
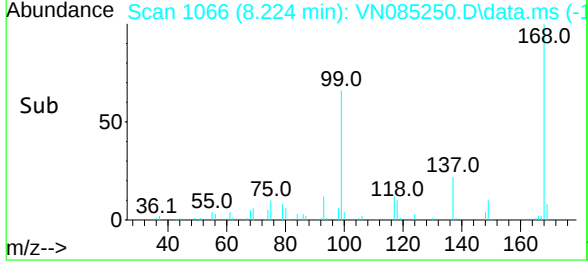
Tgt Ion: 168 Resp: 101896
 Ion Ratio Lower Upper
 168 100
 99 65.6 50.7 76.1

Manual Integrations

APPROVED

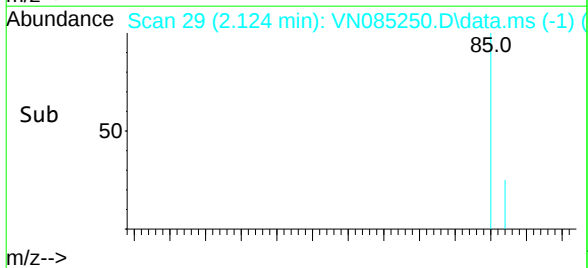
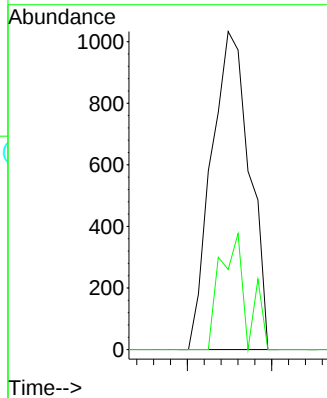
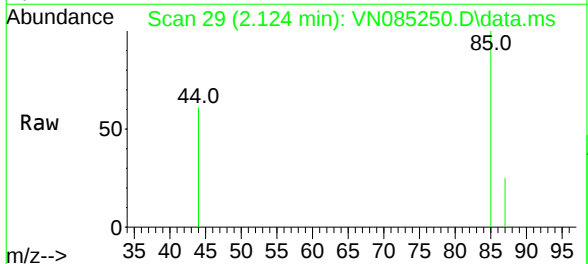
Reviewed By :John Carlone 12/20/2024

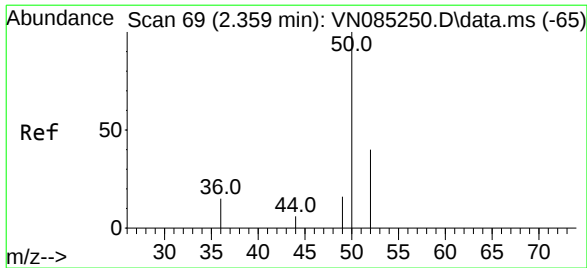
Supervised By :Mahesh Dadoda 12/20/2024



#2
 Dichlorodifluoromethane
 Concen: 1.000 ug/l
 RT: 2.124 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VN085250.D
 Acq: 18 Dec 2024 13:57

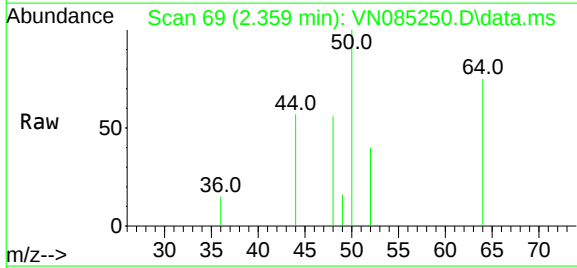
Tgt Ion: 85 Resp: 1624
 Ion Ratio Lower Upper
 85 100
 87 25.2 17.1 51.3





#3
Chloromethane
Concen: 1.259 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

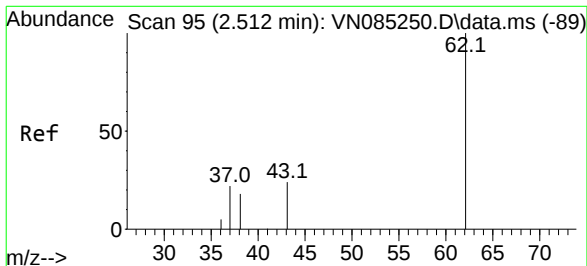
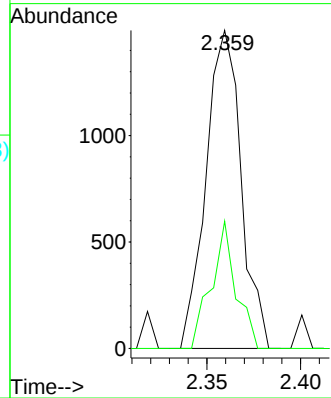
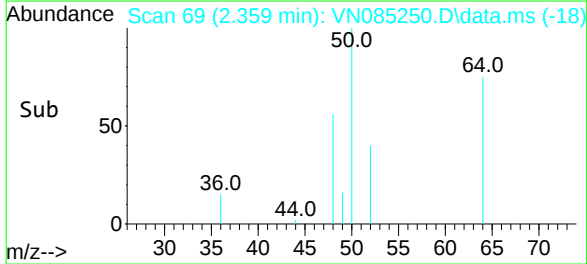
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 50 Resp: 1948
Ion Ratio Lower Upper
50 100
52 40.0 26.2 39.2#

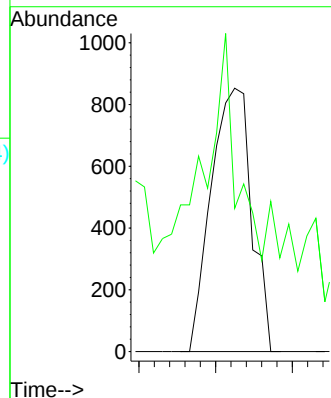
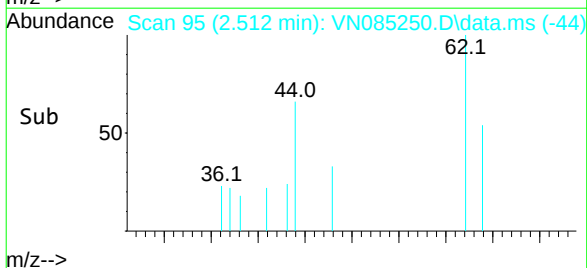
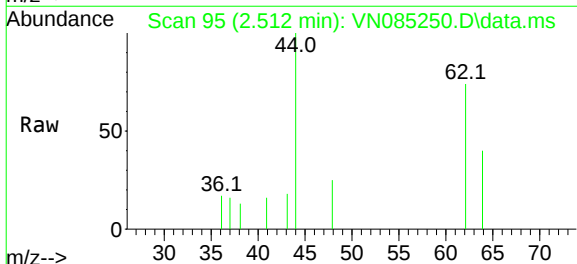
Manual Integrations
APPROVED

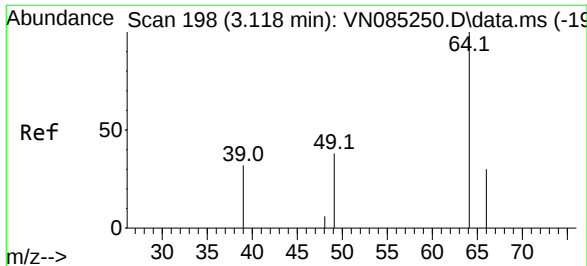
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#4
Vinyl Chloride
Concen: 1.081 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

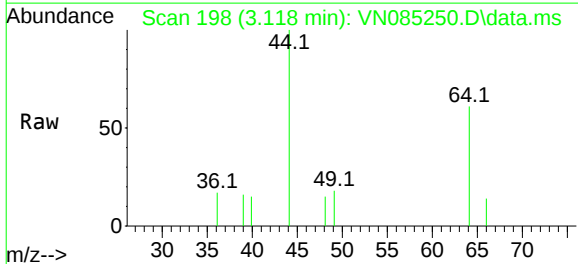
Tgt Ion: 62 Resp: 1567
Ion Ratio Lower Upper
62 100
64 18.9 24.5 36.7#





#6
Chloroethane
Concen: 1.131 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

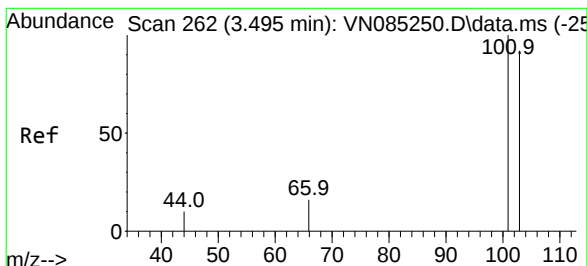
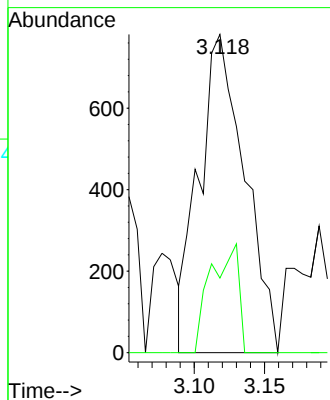
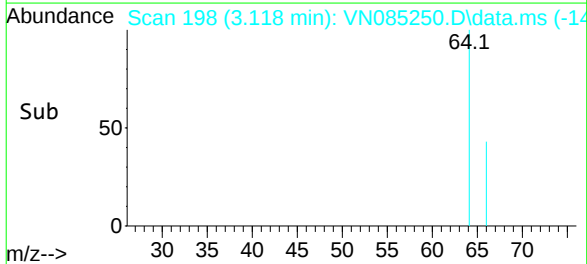
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 64 Resp: 1766
Ion Ratio Lower Upper
64 100
66 23.4 26.3 39.5#

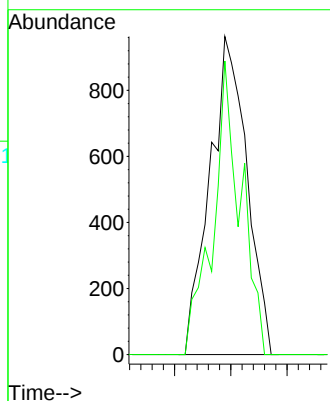
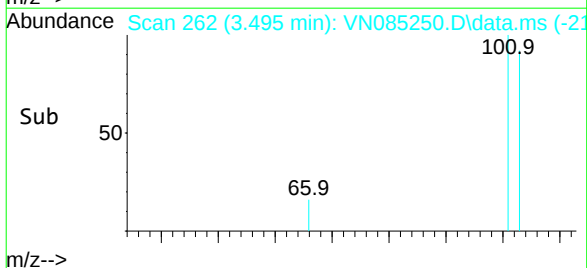
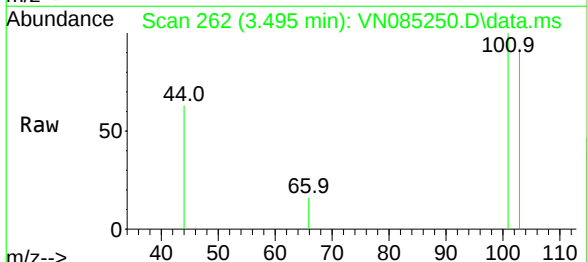
Manual Integrations
APPROVED

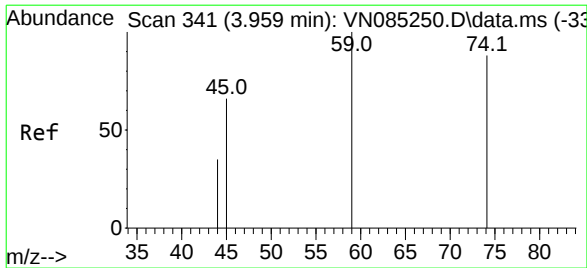
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#7
Trichlorofluoromethane
Concen: 0.941 ug/l
RT: 3.495 min Scan# 262
Delta R.T. -0.000 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

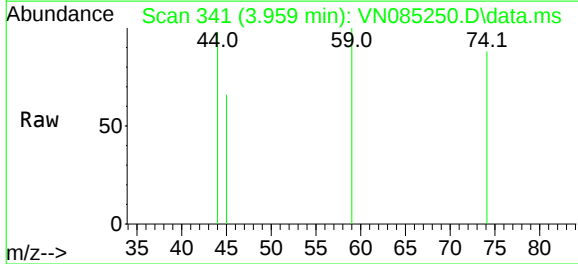
Tgt Ion:101 Resp: 2202
Ion Ratio Lower Upper
101 100
103 92.3 50.2 75.4#





#8
Diethyl Ether
Concen: 0.851 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

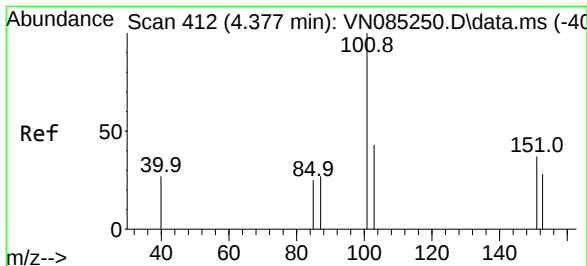
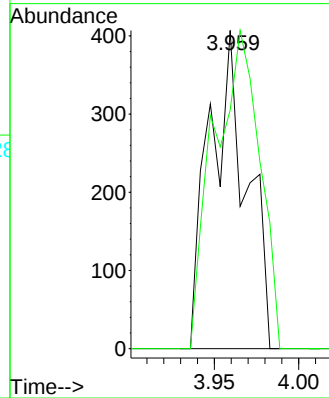
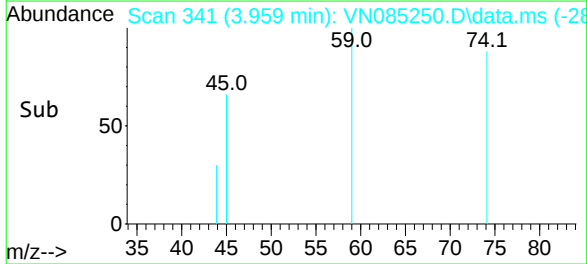
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



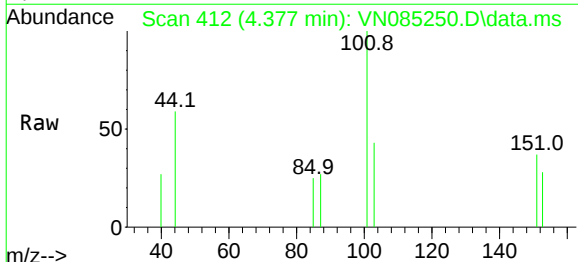
Tgt Ion: 74 Resp: 626
Ion Ratio Lower Upper
74 100
45 122.4 50.0 150.1

Manual Integrations
APPROVED

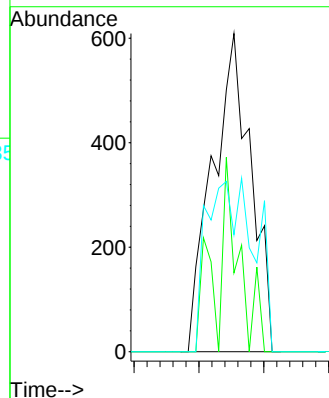
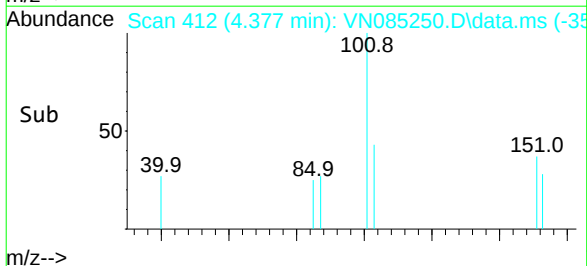
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

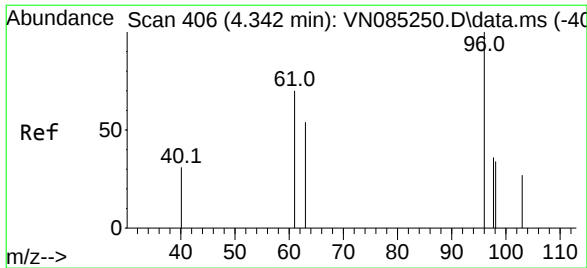


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.996 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.012 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57



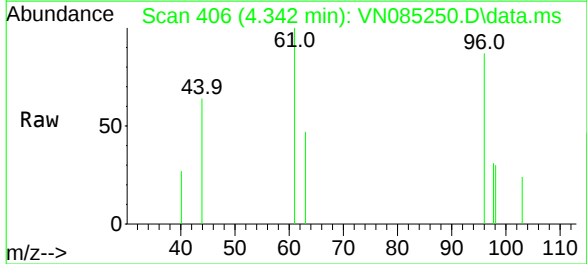
Tgt Ion:101 Resp: 1251
Ion Ratio Lower Upper
101 100
85 25.1 39.0 58.4#
151 67.3 58.6 87.8





#12
1,1-Dichloroethene
Concen: 0.921 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

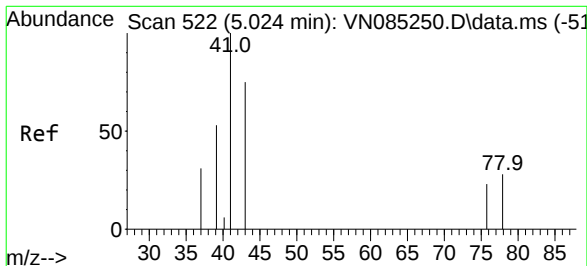
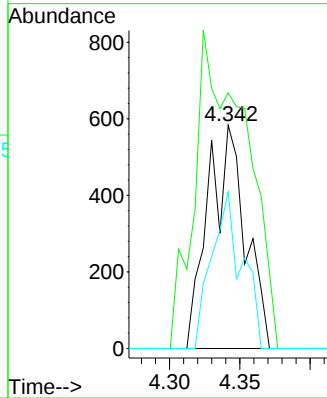
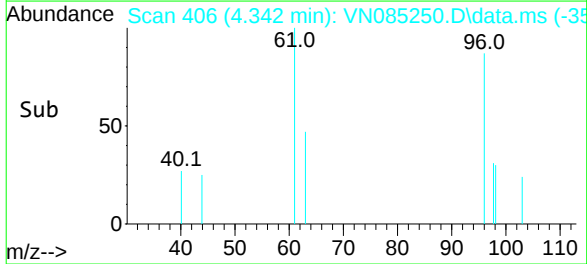
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



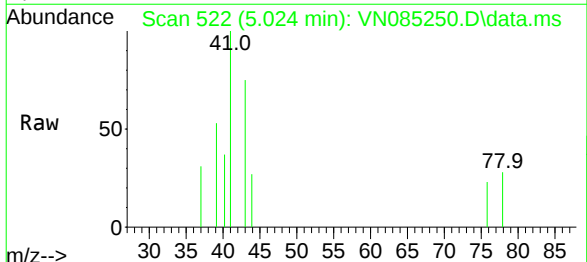
Tgt Ion: 96 Resp: 1071
Ion Ratio Lower Upper
96 100
61 114.6 151.6 227.4#
98 70.2 51.9 77.9

Manual Integrations
APPROVED

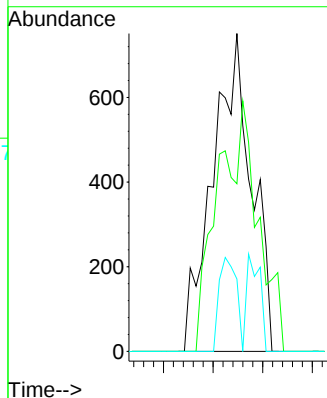
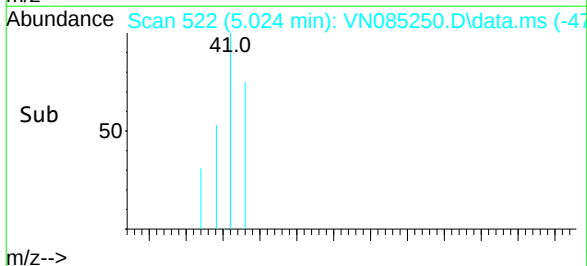
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

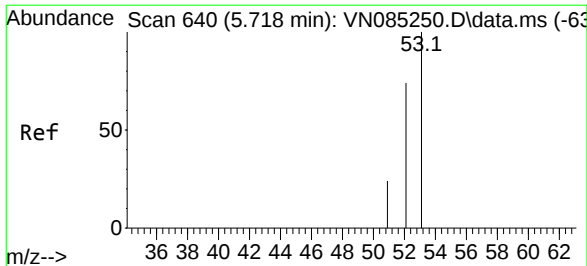


#14
Allyl chloride
Concen: 1.015 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57



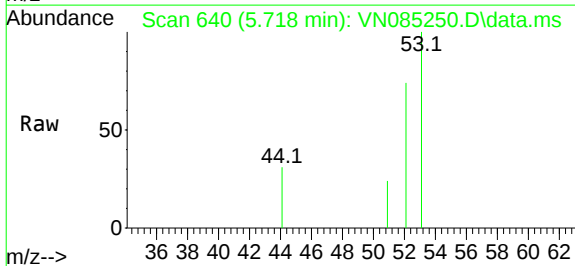
Tgt Ion: 41 Resp: 2044
Ion Ratio Lower Upper
41 100
39 0.0 66.7 100.1#
76 10.5 29.4 44.2#





#15
Acrylonitrile
Concen: 4.868 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

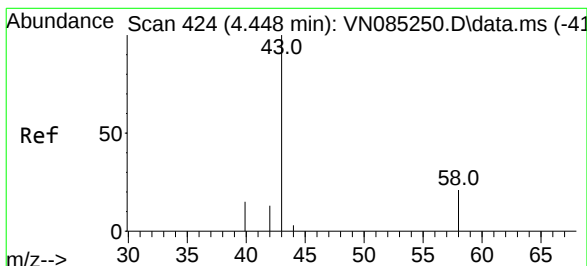
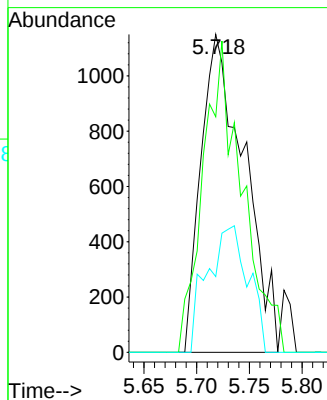
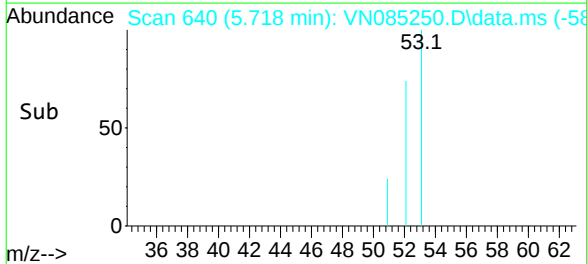
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion	Ratio	Lower	Upper
53	100		
52	88.6	66.3	99.5
51	37.7	28.2	42.2

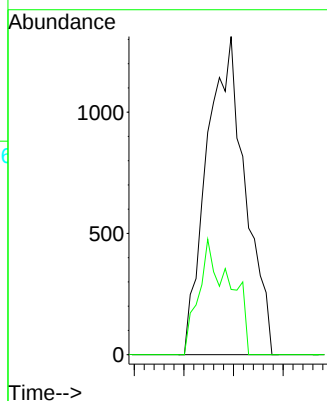
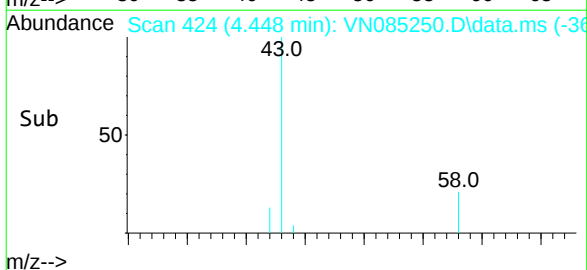
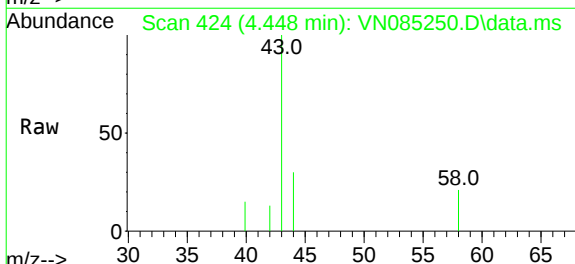
Manual Integrations
APPROVED

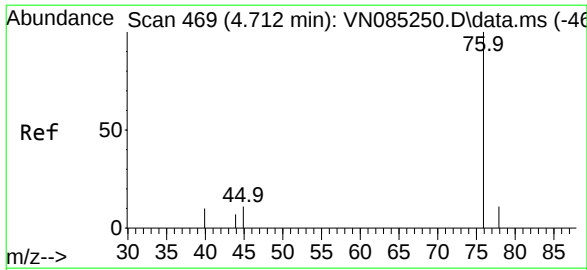
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#16
Acetone
Concen: 5.734 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.024 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

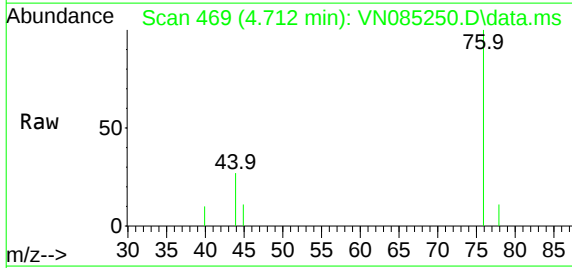
Tgt Ion	Ratio	Lower	Upper
43	100		
58	20.5	20.8	31.2





#17
Carbon Disulfide
Concen: 1.321 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

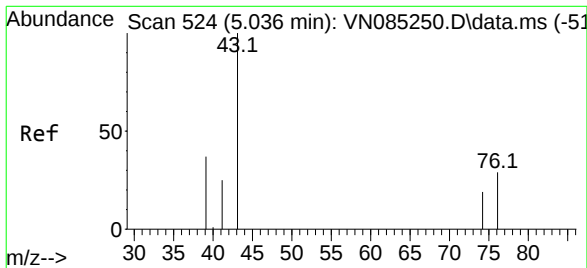
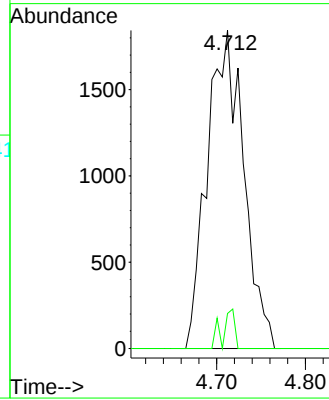
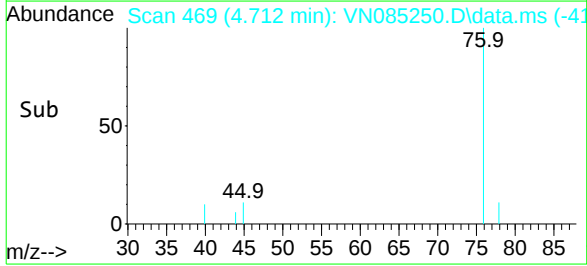
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 76 Resp: 5242
Ion Ratio Lower Upper
76 100
78 11.0 6.8 10.2#

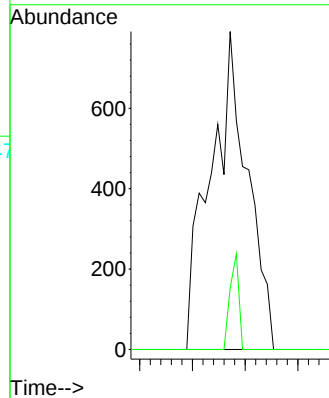
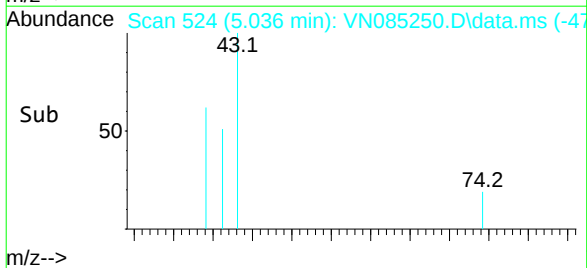
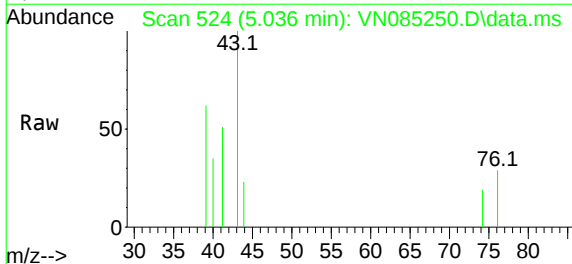
Manual Integrations
APPROVED

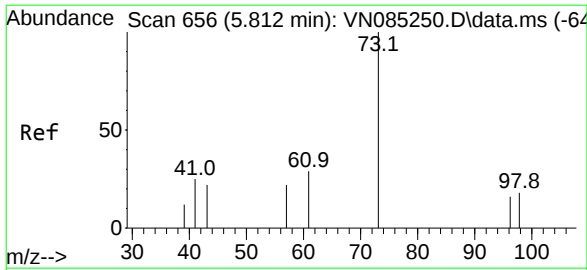
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#18
Methyl Acetate
Concen: 1.111 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

Tgt Ion: 43 Resp: 1933
Ion Ratio Lower Upper
43 100
74 7.1 17.5 26.3#





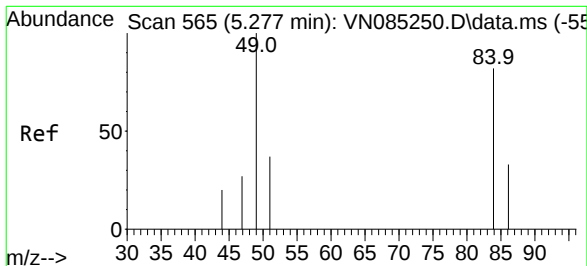
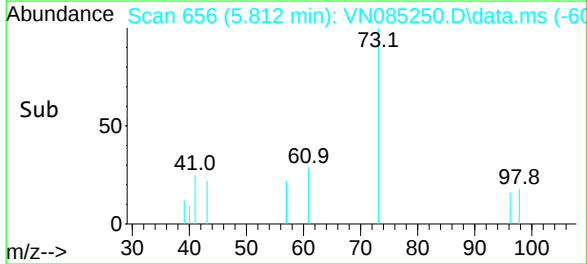
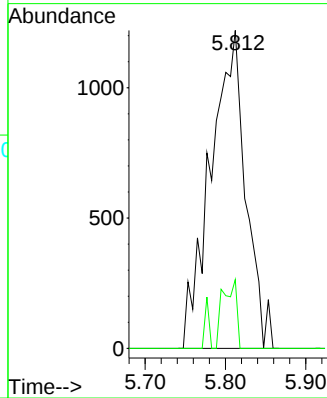
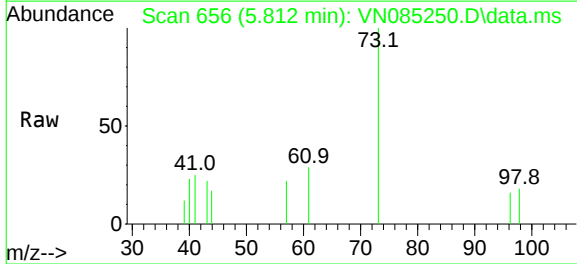
#19
Methyl tert-butyl Ether
Concen: 0.926 ug/l
RT: 5.812 min Scan# 656
Delta R.T. 0.018 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 3691
Ion Ratio Lower Upper
73 100
57 21.6 17.0 25.6

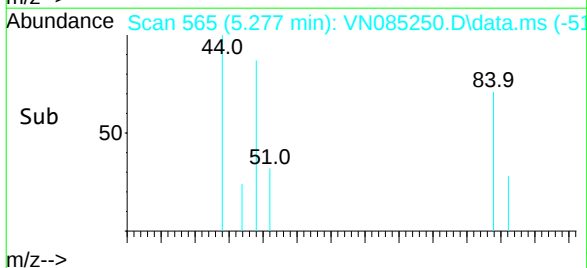
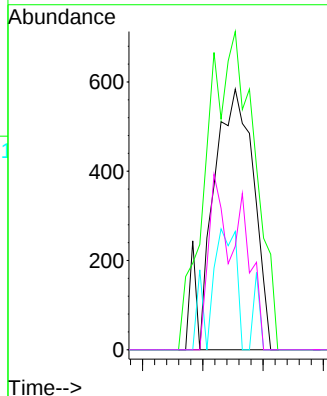
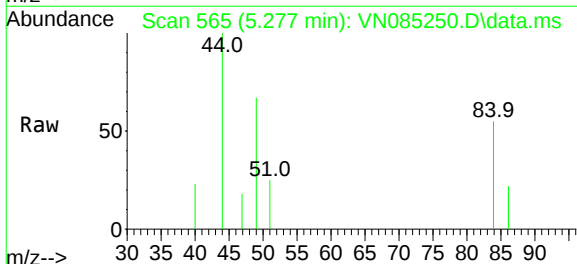
Manual Integrations
APPROVED

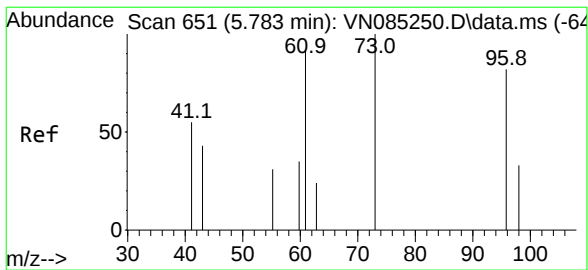
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#20
Methylene Chloride
Concen: 1.032 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

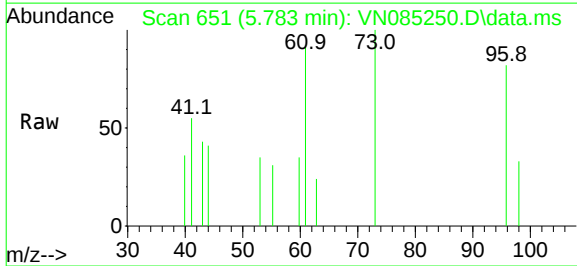
Tgt Ion: 84 Resp: 1388
Ion Ratio Lower Upper
84 100
49 122.1 103.6 155.4
51 45.4 34.2 51.2
86 39.7 48.9 73.3#





#21
trans-1,2-Dichloroethene
Concen: 1.146 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

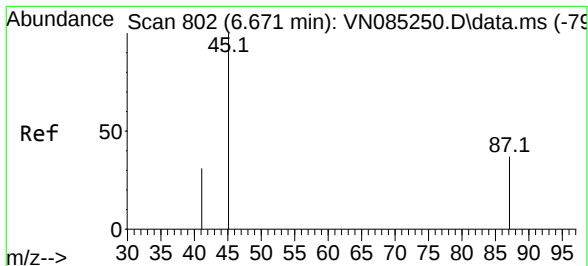
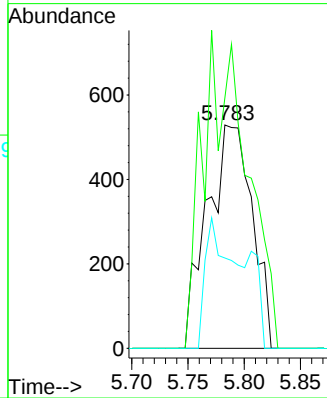
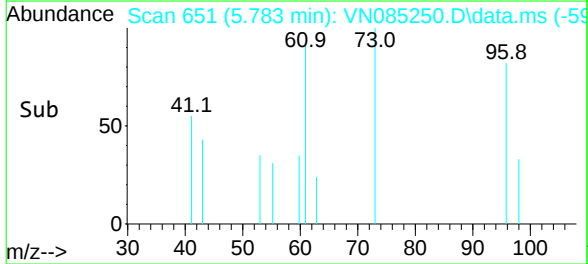
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



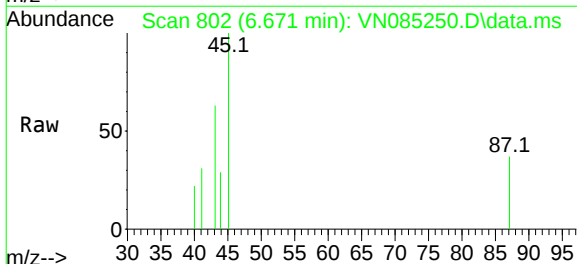
Tgt Ion: 96 Resp: 1469
Ion Ratio Lower Upper
96 100
61 112.1 122.0 183.0#
98 40.5 54.3 81.5#

Manual Integrations
APPROVED

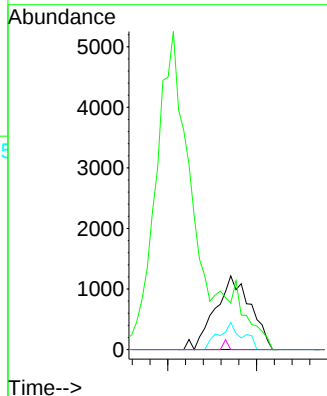
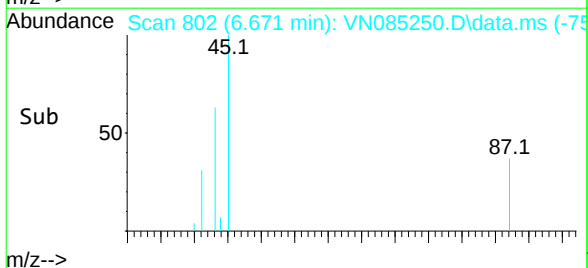
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

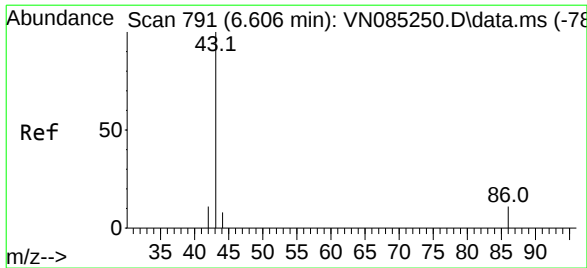


#22
Diisopropyl ether
Concen: 0.783 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57



Tgt Ion: 45 Resp: 3365
Ion Ratio Lower Upper
45 100
43 63.0 43.8 65.6
87 36.6 21.2 31.8#
59 0.0 8.6 13.0#





#23

Vinyl Acetate

Concen: 4.227 ug/l

RT: 6.606 min Scan# 791

Delta R.T. 0.006 min

Lab File: VN085250.D

Acq: 18 Dec 2024 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 43 Resp: 14035

Ion Ratio Lower Upper

43 100

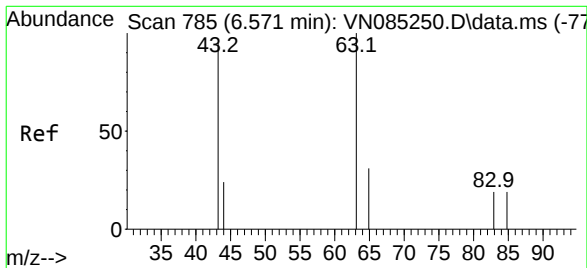
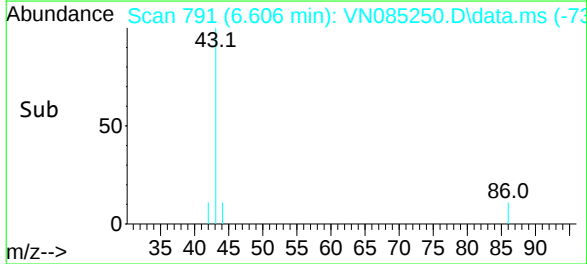
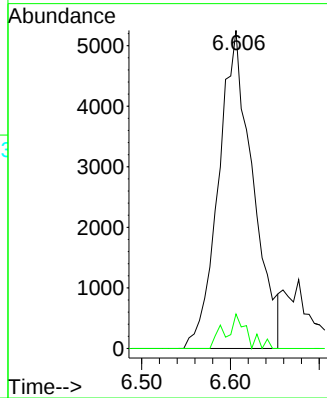
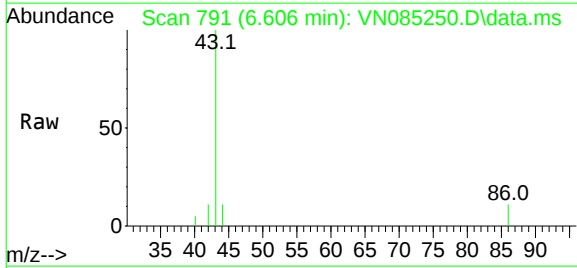
86 10.8 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#24

1,1-Dichloroethane

Concen: 0.977 ug/l

RT: 6.571 min Scan# 785

Delta R.T. 0.006 min

Lab File: VN085250.D

Acq: 18 Dec 2024 13:57

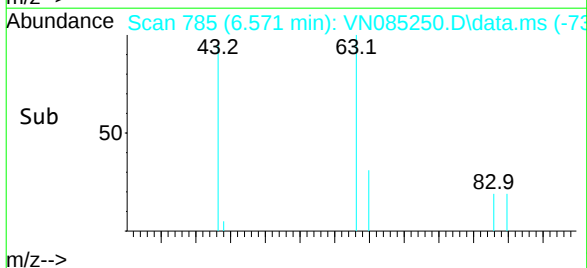
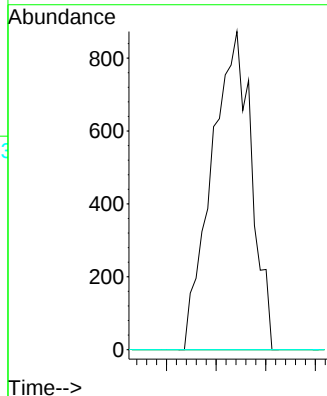
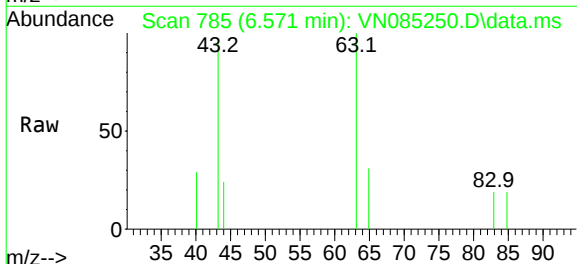
Tgt Ion: 63 Resp: 2432

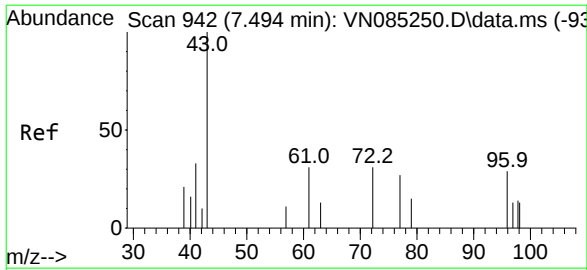
Ion Ratio Lower Upper

63 100

98 0.0 2.9 8.6#

100 0.0 2.1 6.5#





#25

2-Butanone

Concen: 5.040 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.012 min

Lab File: VN085250.D

Acq: 18 Dec 2024 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 4745

Ion Ratio Lower Upper

43 100

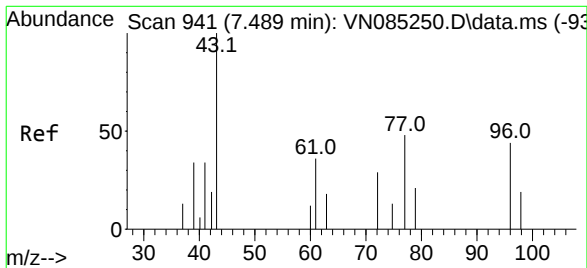
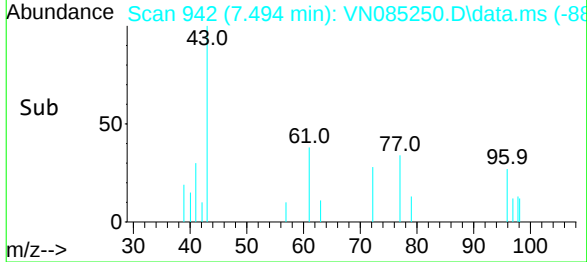
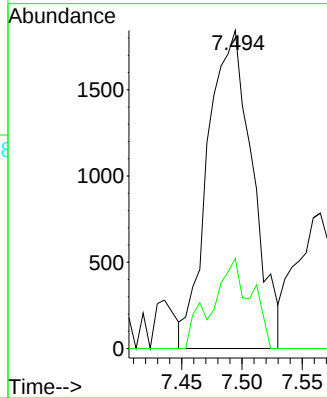
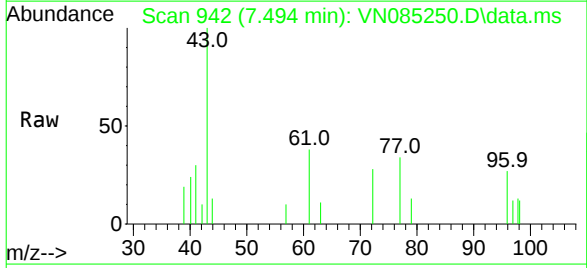
72 30.9 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#26

2,2-Dichloropropane

Concen: 0.993 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN085250.D

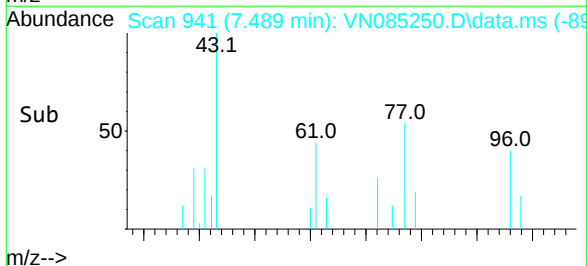
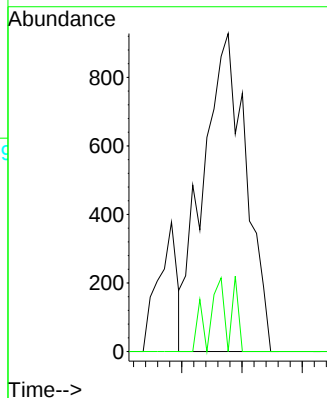
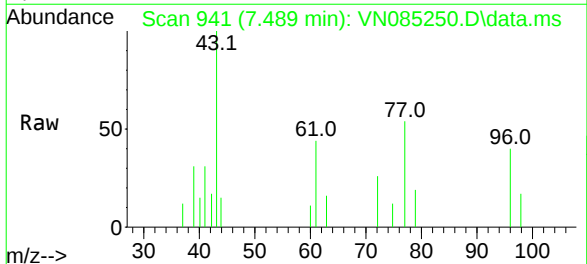
Acq: 18 Dec 2024 13:57

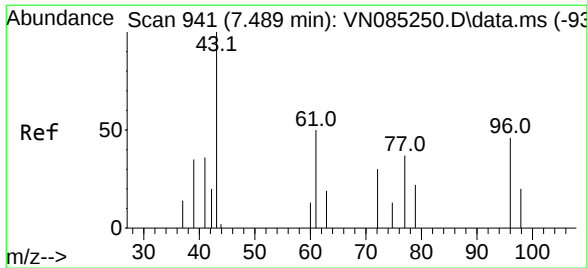
Tgt Ion: 77 Resp: 2289

Ion Ratio Lower Upper

77 100

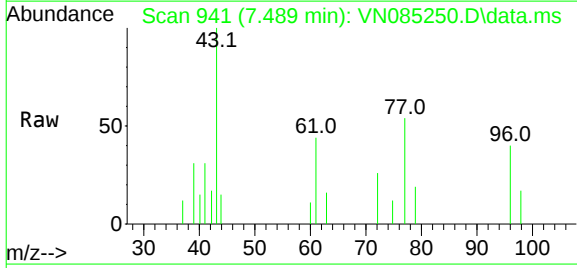
97 11.6 10.5 31.6





#27
cis-1,2-Dichloroethene
Concen: 1.073 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

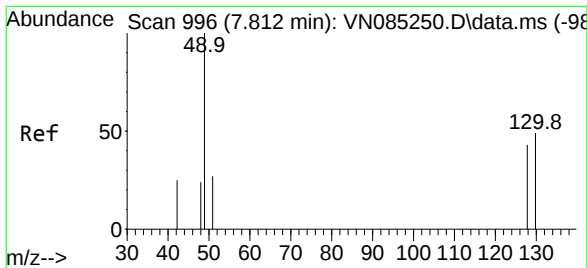
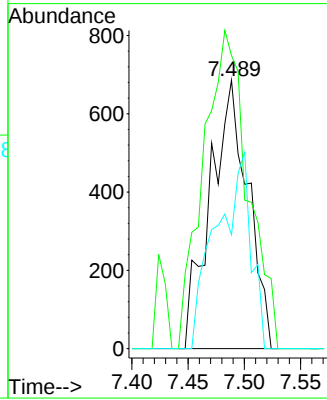
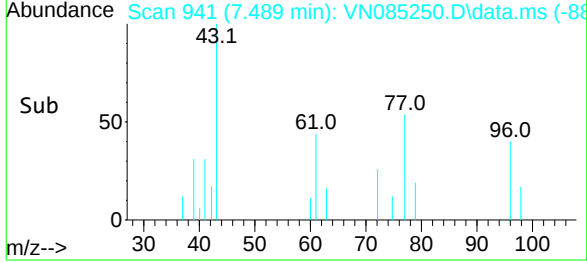
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



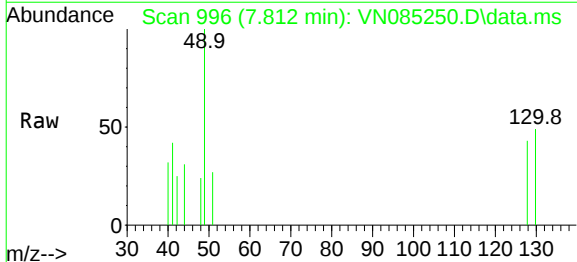
Tgt Ion: 96 Resp: 1602
Ion Ratio Lower Upper
96 100
61 140.4 0.0 316.4
98 66.7 0.0 125.4

Manual Integrations
APPROVED

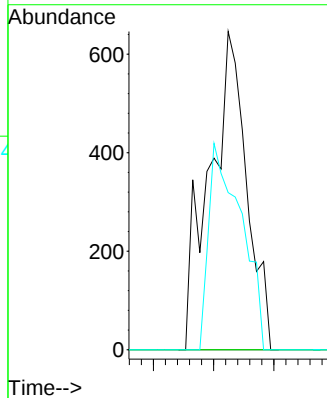
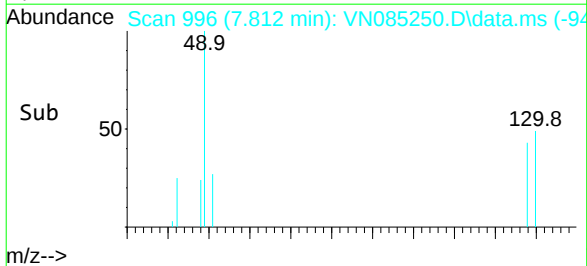
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

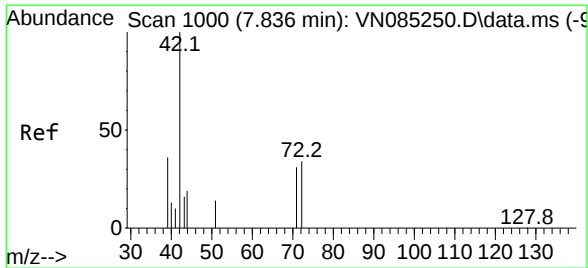


#28
Bromochloromethane
Concen: 1.106 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57



Tgt Ion: 49 Resp: 1388
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.4
130 56.8 54.1 81.1





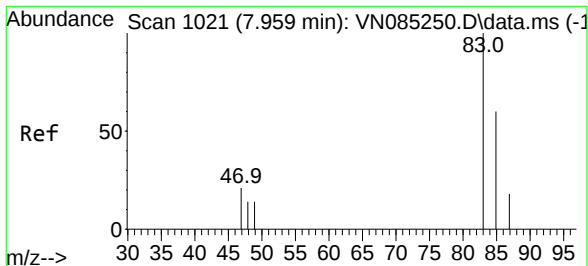
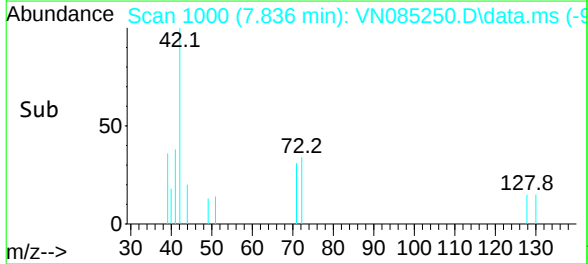
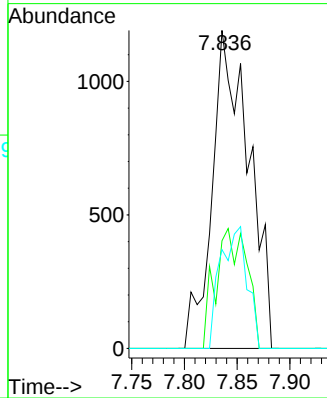
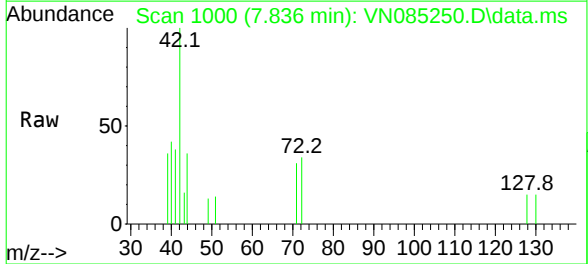
#29
Tetrahydrofuran
Concen: 4.757 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 42	Resp: 2887
Ion Ratio Lower Upper	
42 100	
72 32.1 32.7 49.1#	
71 27.8 31.4 47.2#	

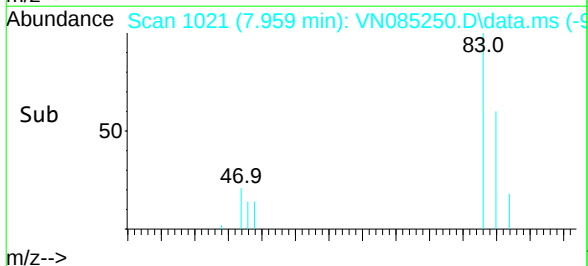
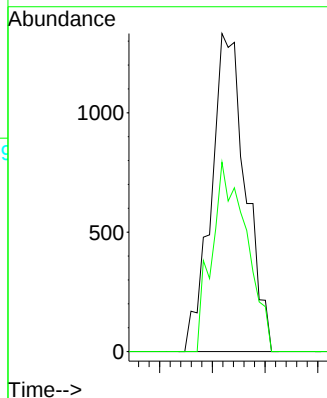
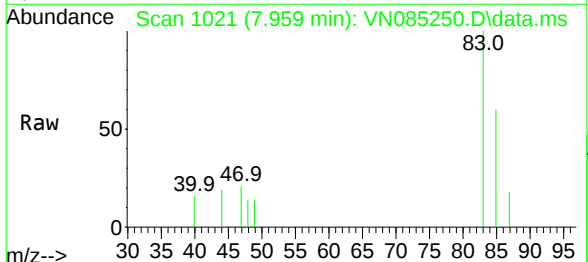
Manual Integrations
APPROVED

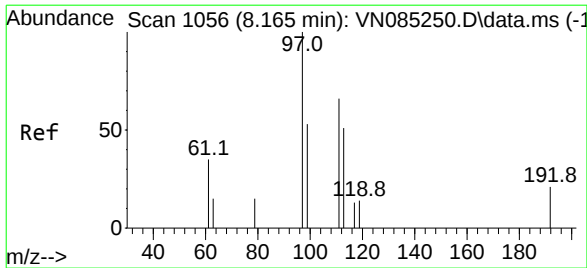
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#30
Chloroform
Concen: 1.141 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

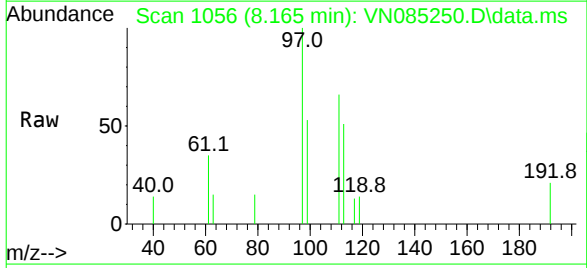
Tgt Ion: 83	Resp: 3033
Ion Ratio Lower Upper	
83 100	
85 59.5 51.4 77.0	





#32
1,1,1-Trichloroethane
Concen: 1.042 ug/l
RT: 8.165 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

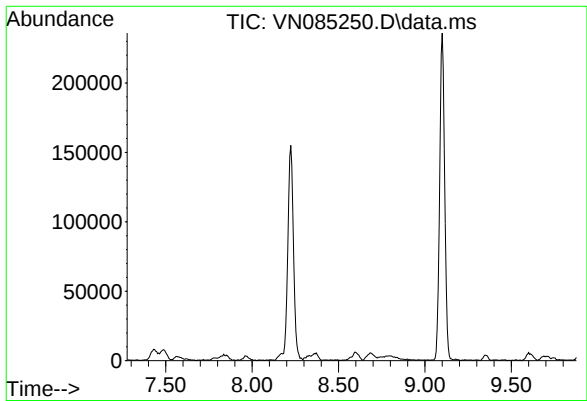
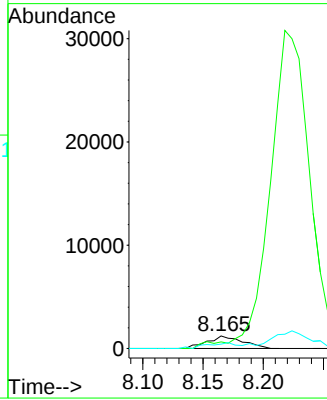
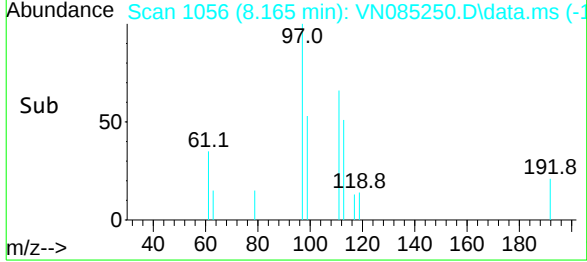
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 97 Resp: 2468
Ion Ratio Lower Upper
97 100
99 0.0 51.4 77.0#
61 40.0 40.4 60.6#

Manual Integrations
APPROVED

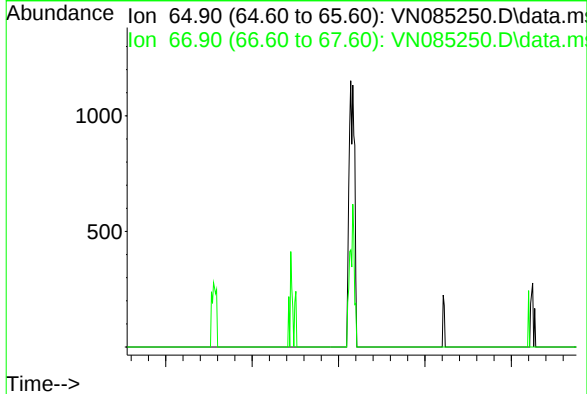
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

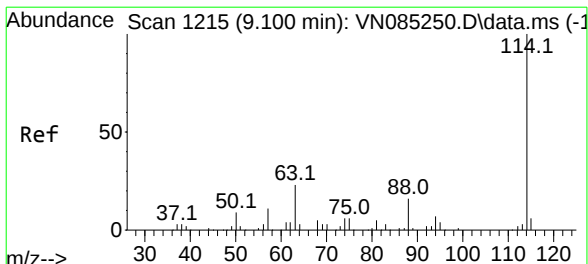


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.58 min

Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

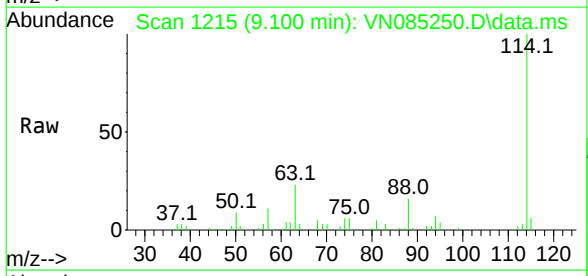
Tgt Ion: 65
Sig Exp Ratio
65 100
67 51.1





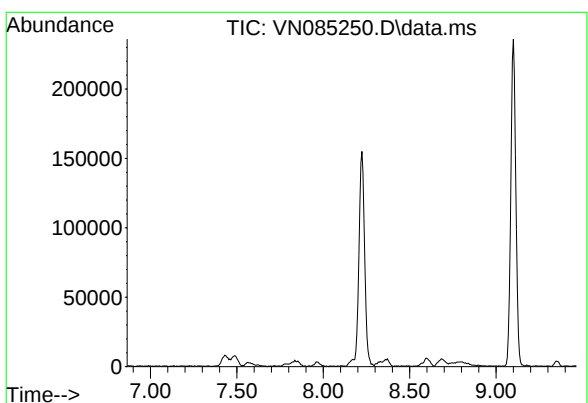
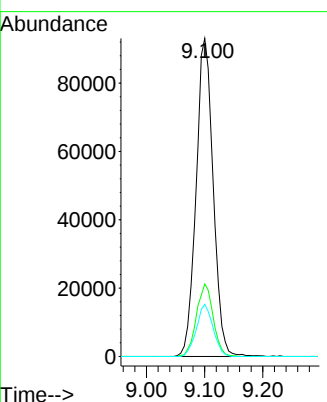
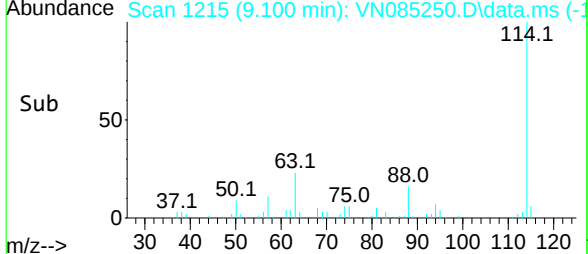
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 12
 Delta R.T. -0.000 min
 Lab File: VN085250.D
 Acq: 18 Dec 2024 13:57

Instrument : MSVOA_N
 ClientSampleId : VSTDIC001

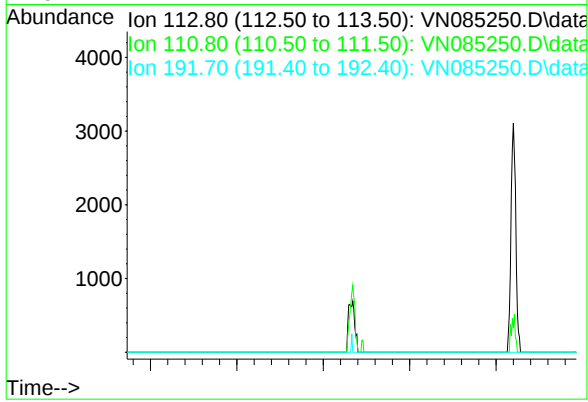


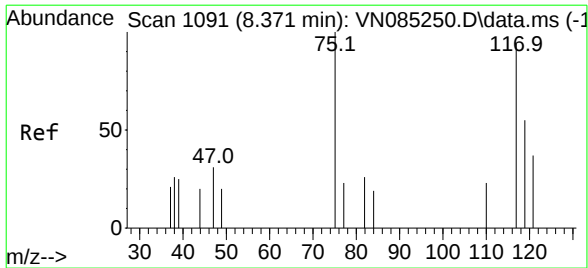
Tgt Ion:	114	Resp:	189964
Ion Ratio	Lower	Upper	
114	100		
63	22.8	0.0	46.2
88	16.4	0.0	32.6

Manual Integrations
APPROVED
 Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



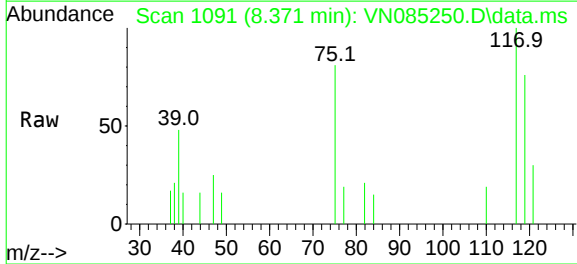
#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 8.16 min
 Lab File: VN085250.D
 Acq: 18 Dec 2024 13:57
 Tgt Ion: 113
 Sig Exp Ratio
 113 100
 111 102.6
 192 16.7





#36
1,1-Dichloropropene
Concen: 0.918 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

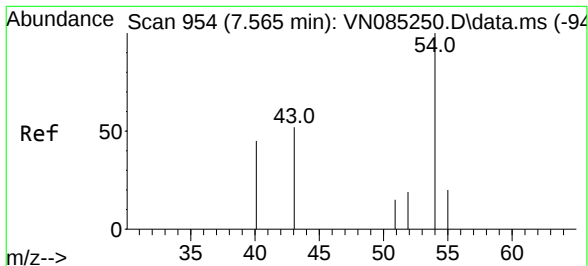
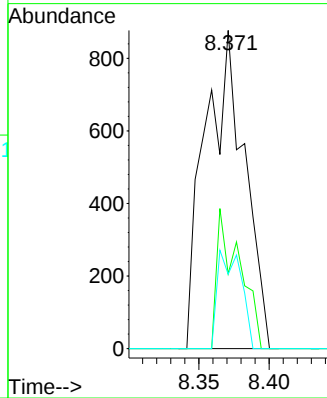
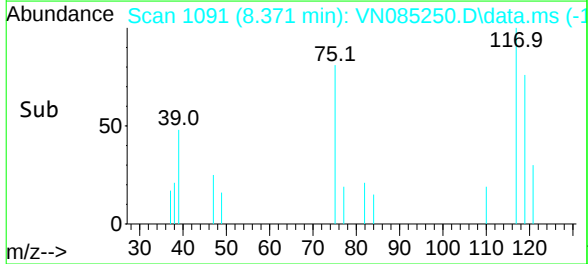
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



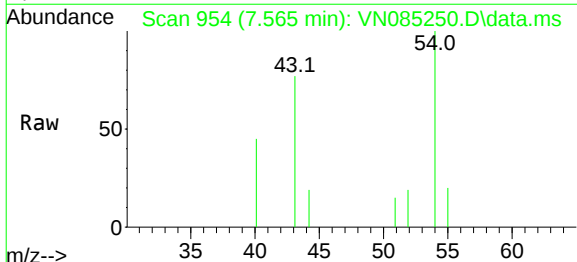
Tgt Ion	Ratio	Lower	Upper
75	100		
110	25.2	16.0	48.0
77	18.3	24.6	36.8

Manual Integrations
APPROVED

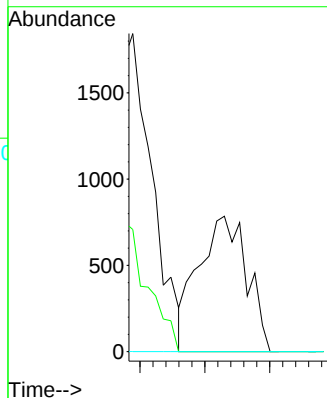
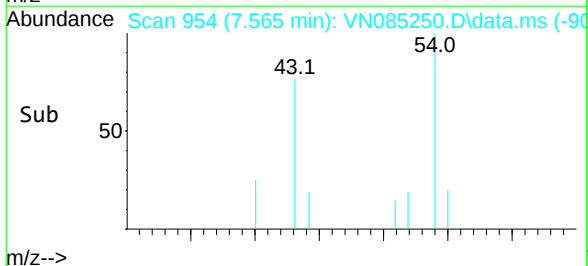
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

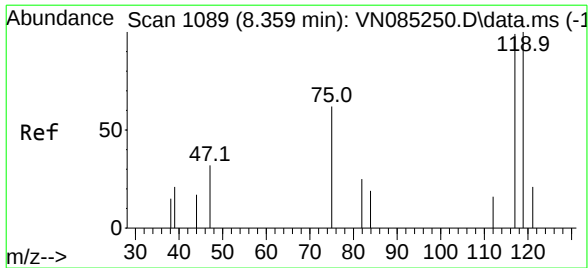


#37
Ethyl Acetate
Concen: 0.953 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.006 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57



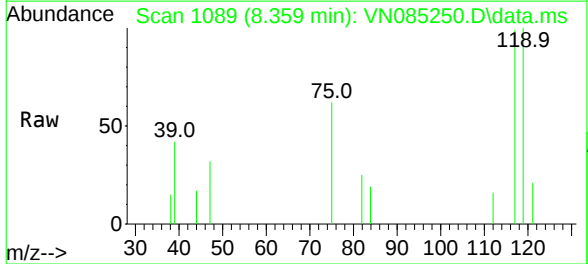
Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.8	14.6
70	0.0	7.8	11.8





#38
Carbon Tetrachloride
Concen: 1.047 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

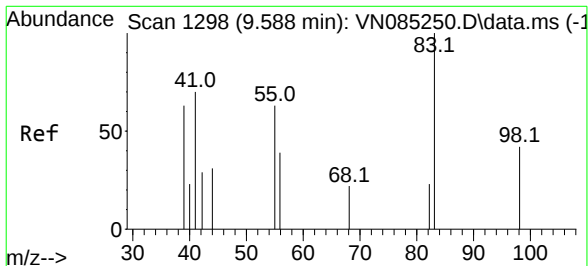
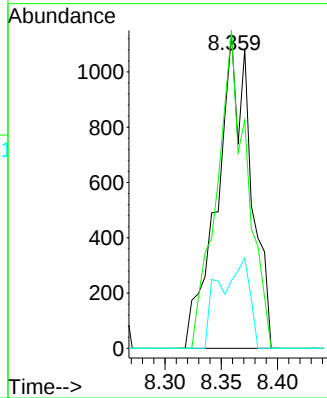
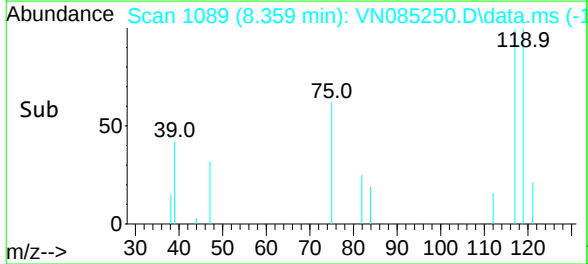
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 117 Resp: 2355
Ion Ratio Lower Upper
117 100
119 101.2 74.8 112.2
121 21.6 24.2 36.4#

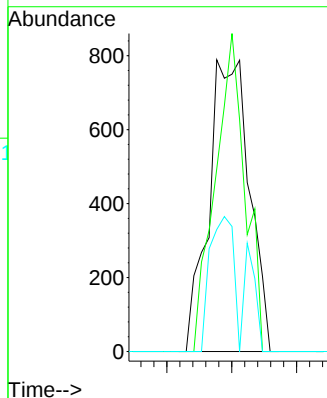
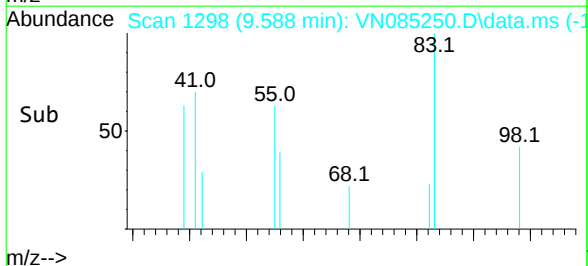
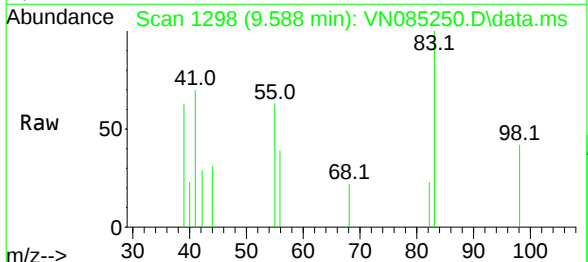
Manual Integrations
APPROVED

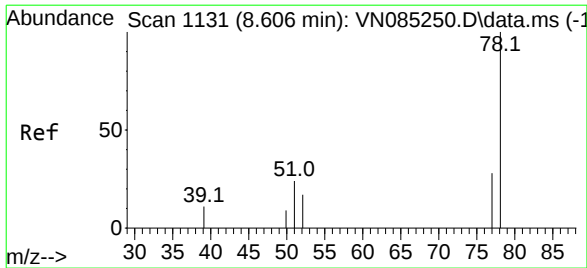
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#39
Methylcyclohexane
Concen: 0.889 ug/l
RT: 9.588 min Scan# 1298
Delta R.T. -0.012 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

Tgt Ion: 83 Resp: 1720
Ion Ratio Lower Upper
83 100
55 62.6 66.8 100.2#
98 41.8 39.4 59.2





#40

Benzene

Concen: 0.928 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN085250.D

Acq: 18 Dec 2024 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 78 Resp: 5368

Ion Ratio Lower Upper

78 100

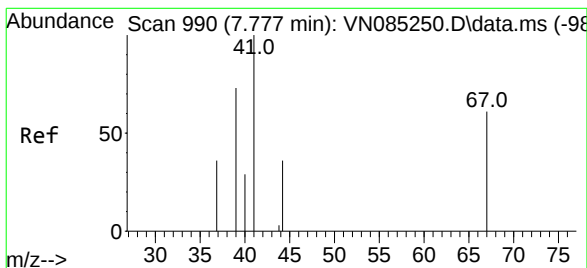
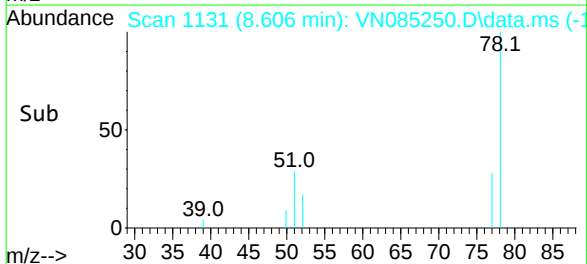
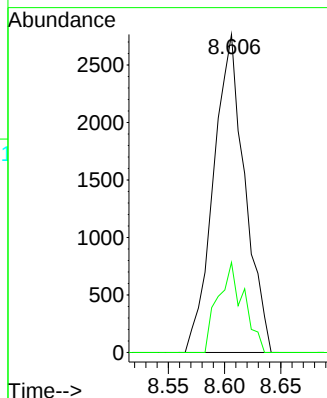
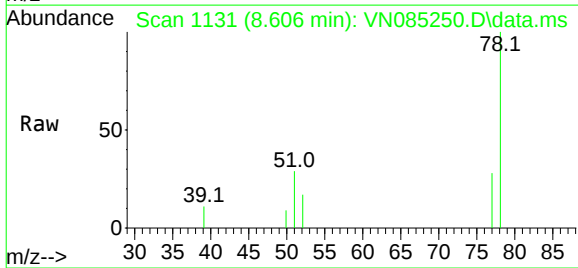
77 28.3 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#41

Methacrylonitrile

Concen: 0.865 ug/l

RT: 7.777 min Scan# 990

Delta R.T. 0.000 min

Lab File: VN085250.D

Acq: 18 Dec 2024 13:57

Tgt Ion: 41 Resp: 946

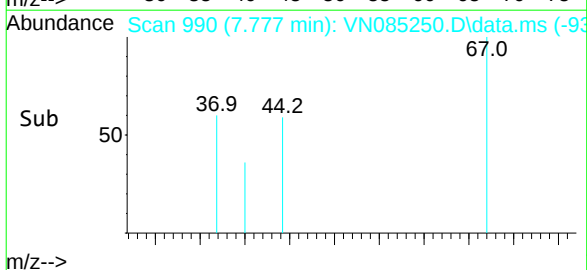
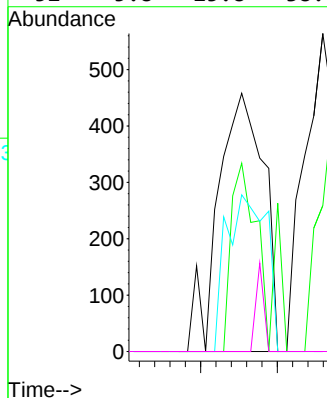
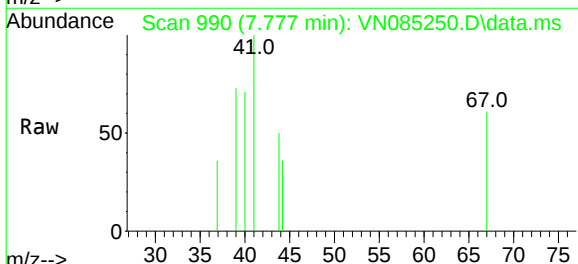
Ion Ratio Lower Upper

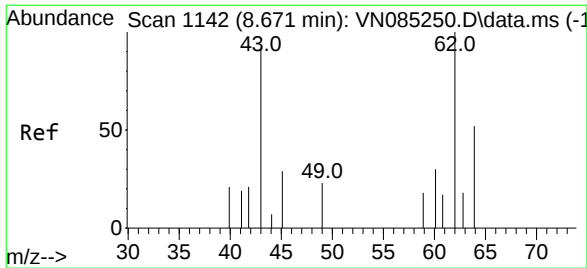
41 100

39 40.0 44.0 66.0#

67 53.8 56.0 84.0#

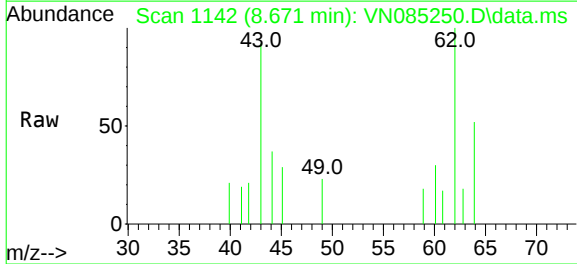
52 5.8 25.8 38.6#





#42
1,2-Dichloroethane
Concen: 0.928 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

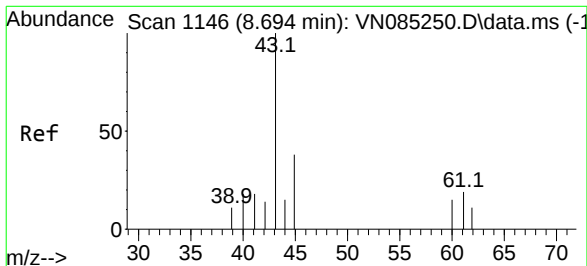
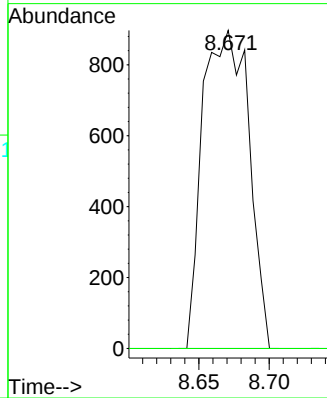
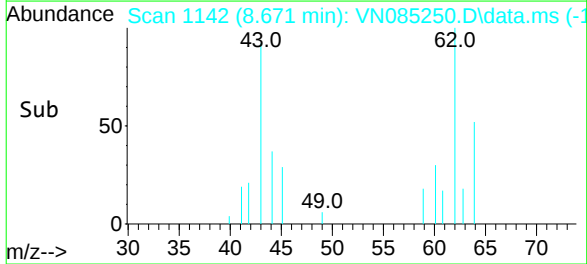
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



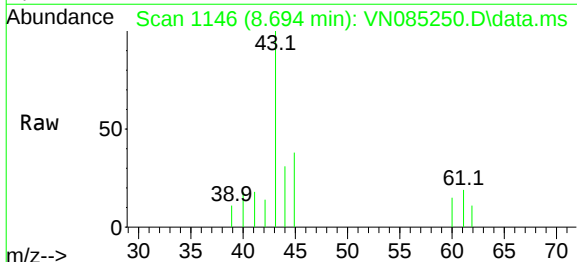
Tgt Ion: 62 Resp: 2046
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.4

Manual Integrations
APPROVED

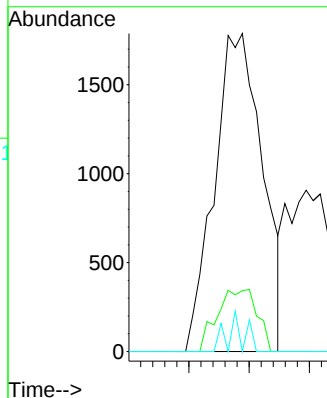
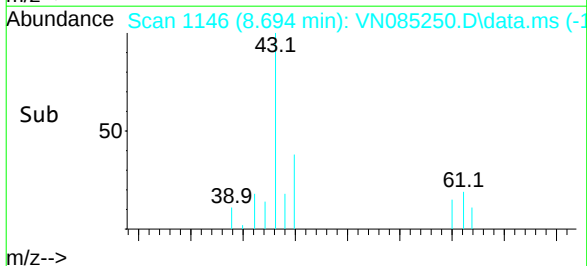
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

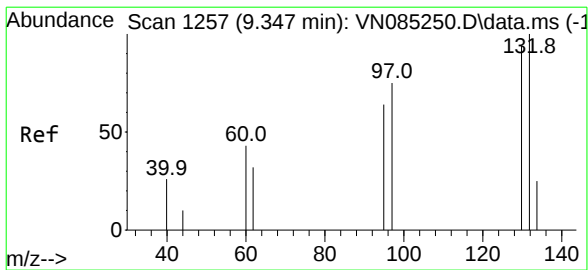


#43
Isopropyl Acetate
Concen: 1.266 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.012 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57



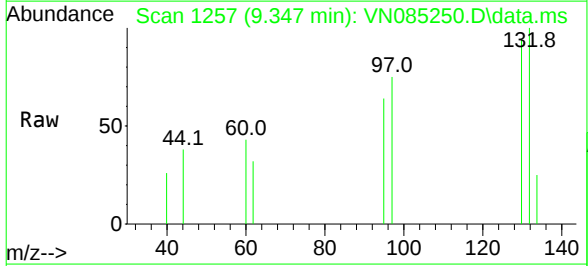
Tgt Ion: 43 Resp: 4966
Ion Ratio Lower Upper
43 100
61 16.2 19.0 28.4#
87 2.9 9.3 13.9#





#44
Trichloroethene
Concen: 0.986 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

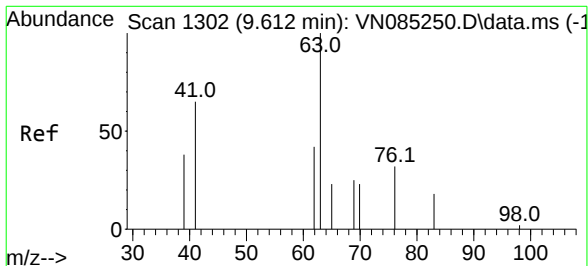
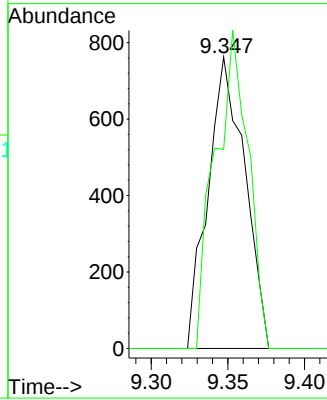
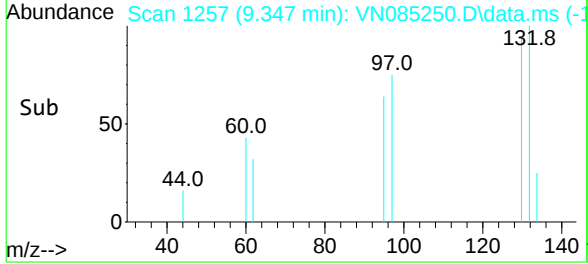
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



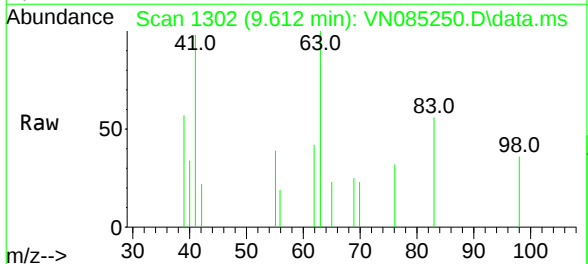
Tgt Ion:130 Resp: 1270
Ion Ratio Lower Upper
130 100
95 68.4 0.0 207.6

Manual Integrations
APPROVED

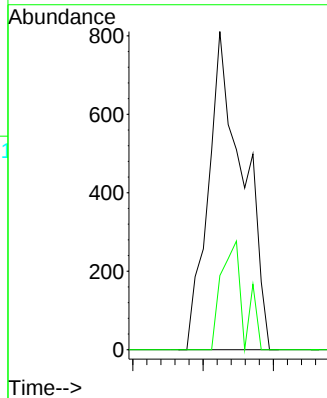
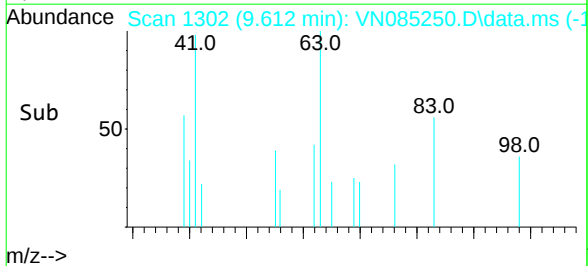
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

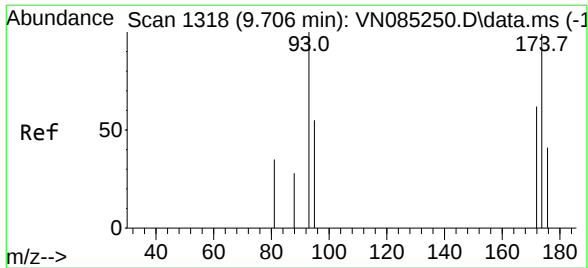


#45
1,2-Dichloropropane
Concen: 0.968 ug/l
RT: 9.612 min Scan# 1302
Delta R.T. -0.006 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57



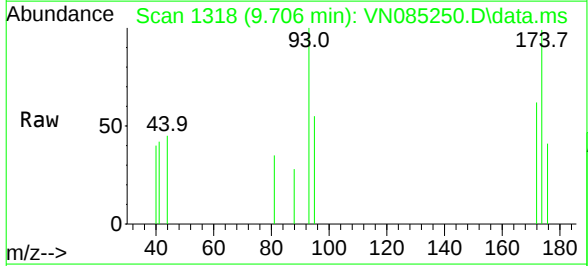
Tgt Ion: 63 Resp: 1387
Ion Ratio Lower Upper
63 100
65 23.3 24.0 36.0#





#46
Dibromomethane
Concen: 0.933 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

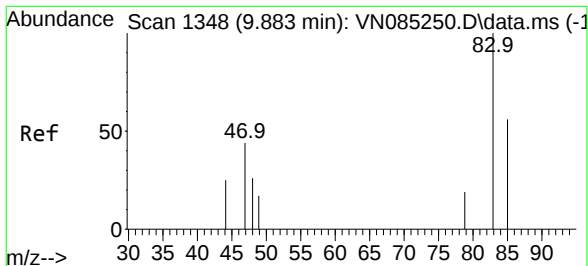
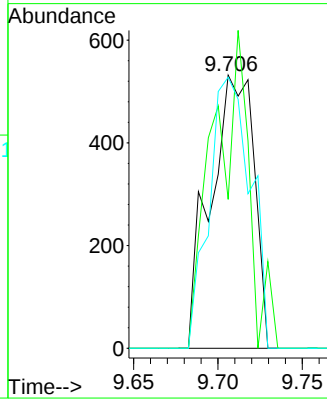
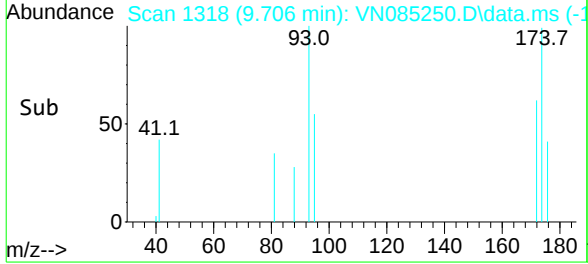
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion:	93	Resp:	954
Ion	Ratio	Lower	Upper
93	100		
95	51.5	67.0	100.6#
174	94.5	69.3	103.9

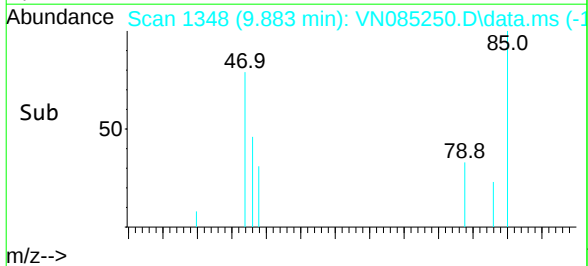
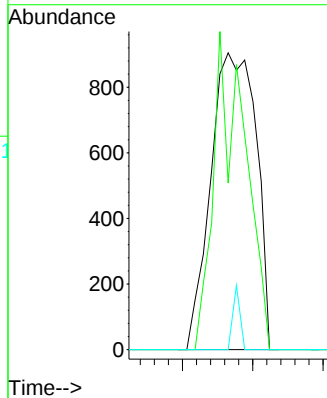
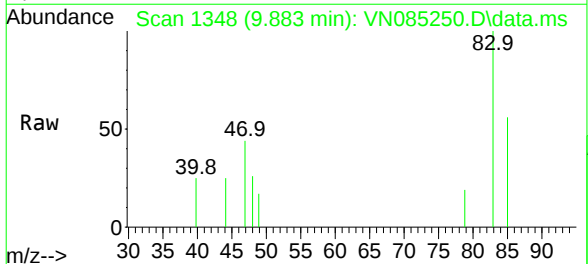
Manual Integrations
APPROVED

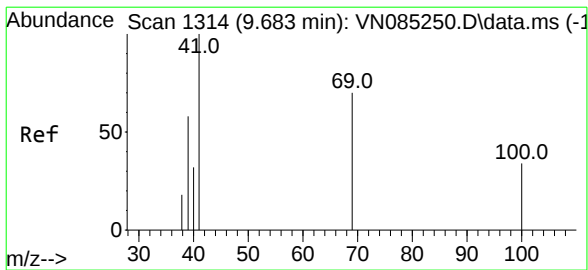
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#47
Bromodichloromethane
Concen: 0.925 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

Tgt Ion:	83	Resp:	2026
Ion	Ratio	Lower	Upper
83	100		
85	56.1	51.0	76.4
127	0.0	6.3	9.5#





#48

Methyl methacrylate

Concen: 0.866 ug/l

RT: 9.683 min Scan# 1314

Delta R.T. 0.006 min

Lab File: VN085250.D

Acq: 18 Dec 2024 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 41 Resp: 1393

Ion Ratio Lower Upper

41 100

69 69.9 61.0 91.4

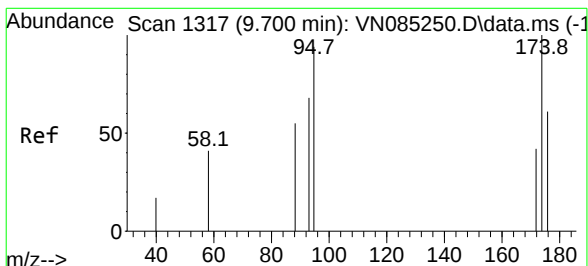
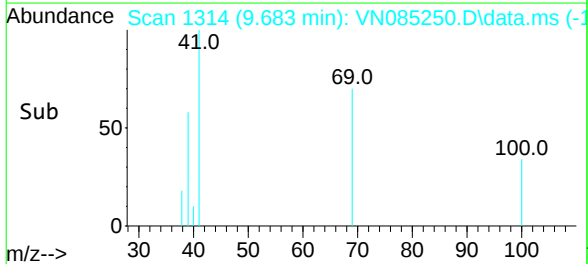
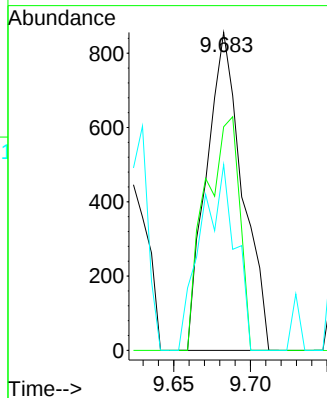
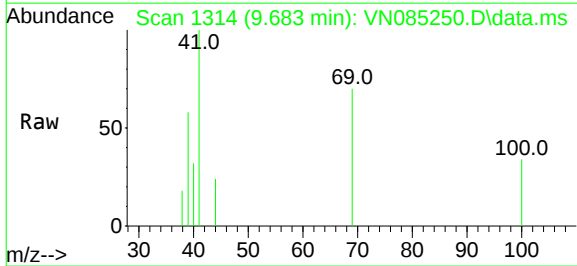
39 56.1 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#49

1,4-Dioxane

Concen: 14.236 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.012 min

Lab File: VN085250.D

Acq: 18 Dec 2024 13:57

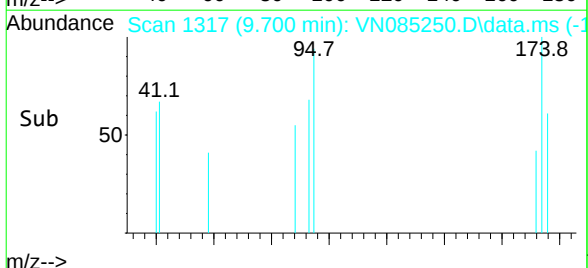
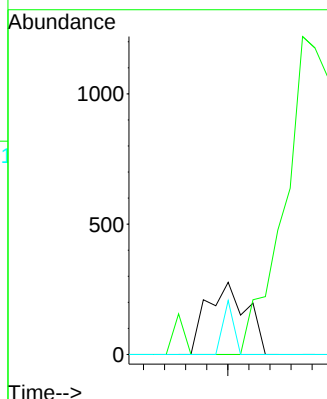
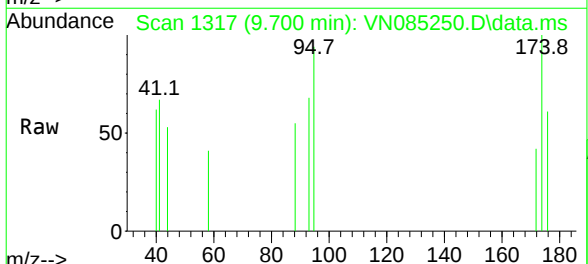
Tgt Ion: 88 Resp: 361

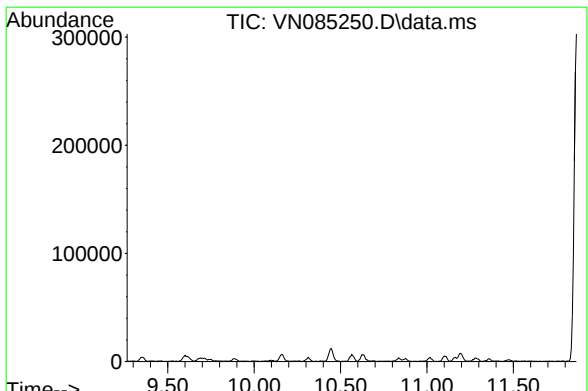
Ion Ratio Lower Upper

88 100

43 0.0 25.6 38.4#

58 20.2 56.5 84.7#





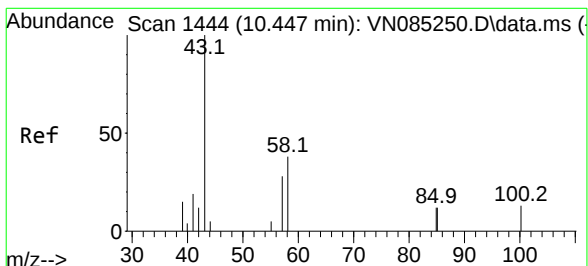
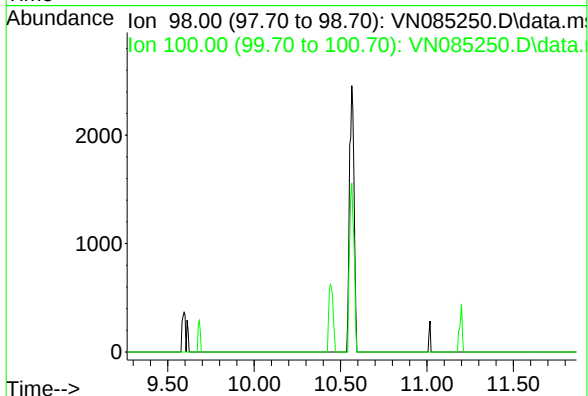
#50
 Toluene-d8
 Concen: 0.000 ug/l
 Expected RT: 10.56 min
 Lab File: VN085250.D
 Acq: 18 Dec 2024 13:57

Instrument : MSVOA_N
 ClientSampleId : VSTDICC001

Tgt Ion: 98
 Sig Exp Ratio
 98 100
 100 64.5

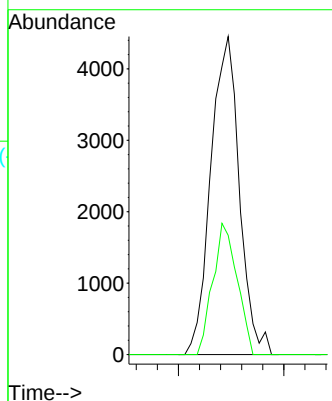
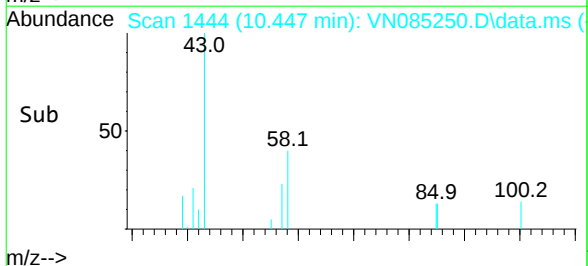
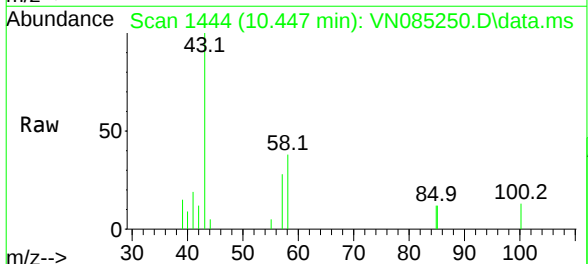
Manual Integrations
 APPROVED

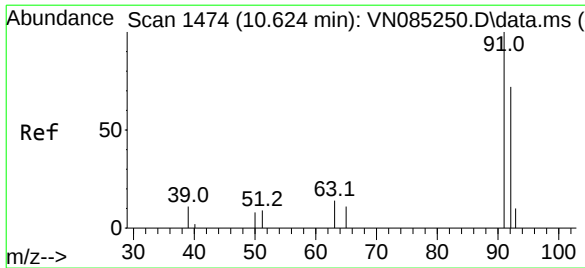
Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#51
 4-Methyl-2-Pentanone
 Concen: 4.070 ug/l
 RT: 10.447 min Scan# 1444
 Delta R.T. 0.006 min
 Lab File: VN085250.D
 Acq: 18 Dec 2024 13:57

Tgt Ion: 43 Resp: 8391
 Ion Ratio Lower Upper
 43 100
 58 35.0 29.4 44.2





#52

Toluene

Concen: 0.931 ug/l

RT: 10.624 min Scan# 14

Delta R.T. -0.006 min

Lab File: VN085250.D

Acq: 18 Dec 2024 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 92 Resp: 3238

Ion Ratio Lower Upper

92 100

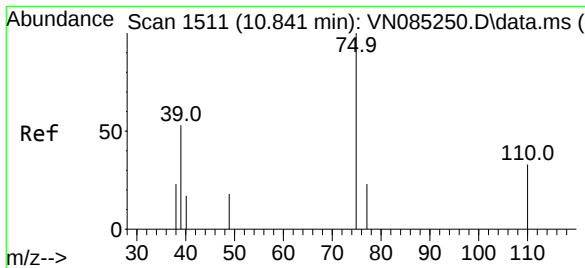
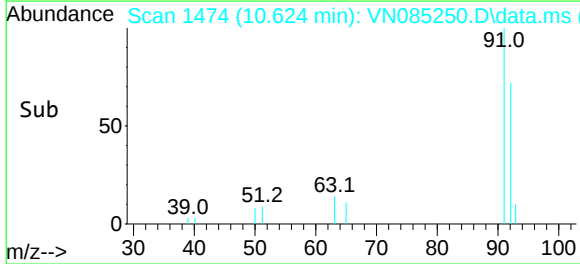
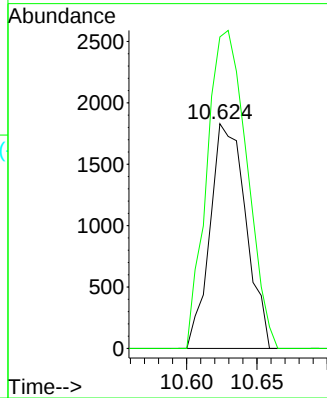
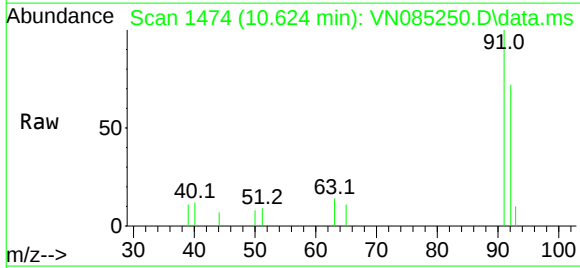
91 158.4 138.9 208.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#53

t-1,3-Dichloropropene

Concen: 0.762 ug/l

RT: 10.841 min Scan# 1511

Delta R.T. 0.006 min

Lab File: VN085250.D

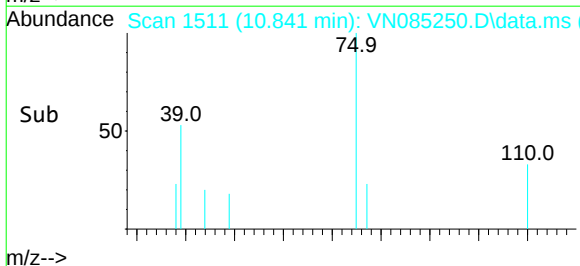
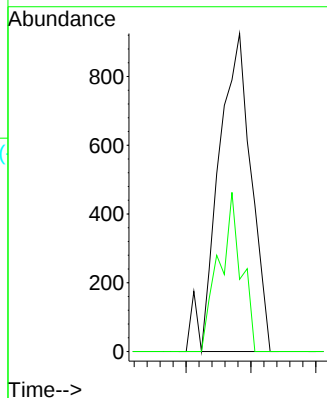
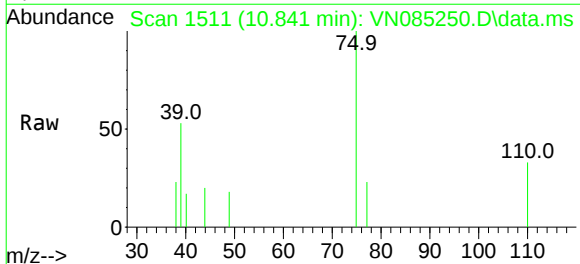
Acq: 18 Dec 2024 13:57

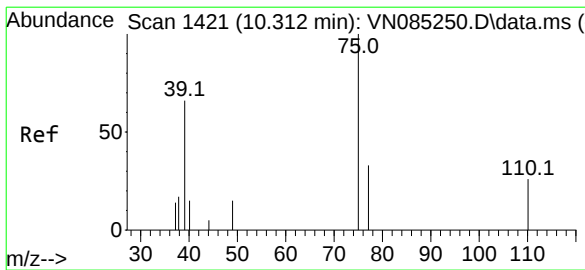
Tgt Ion: 75 Resp: 1627

Ion Ratio Lower Upper

75 100

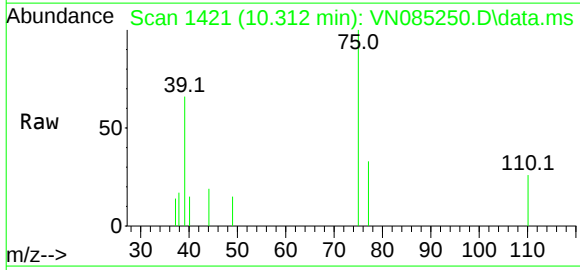
77 22.7 25.4 38.0#





#54
cis-1,3-Dichloropropene
Concen: 0.843 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

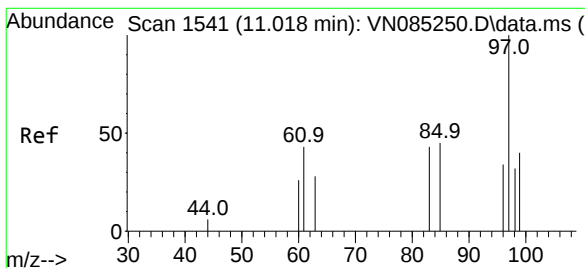
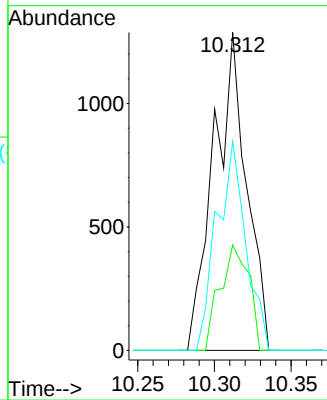
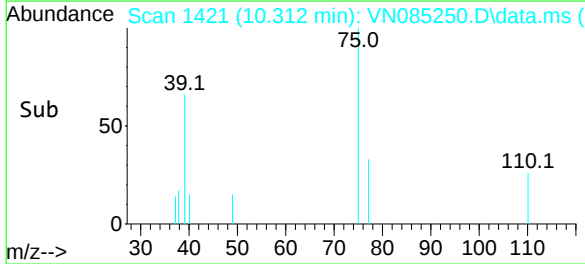
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.2	26.6	39.8
39	65.7	45.3	67.9

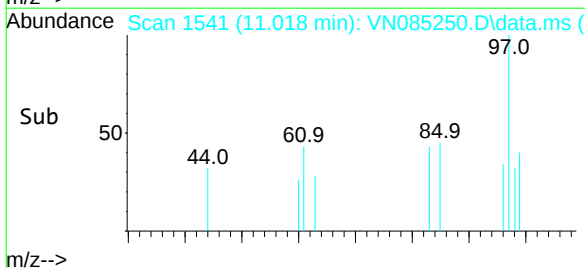
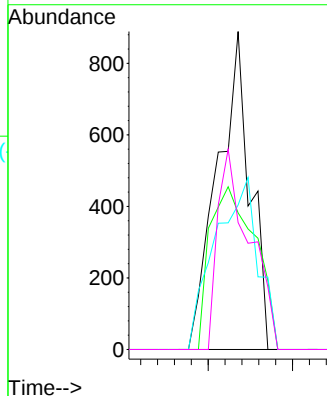
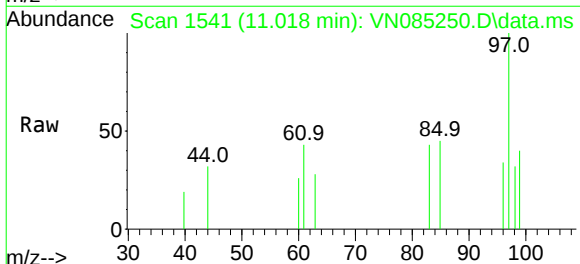
Manual Integrations
APPROVED

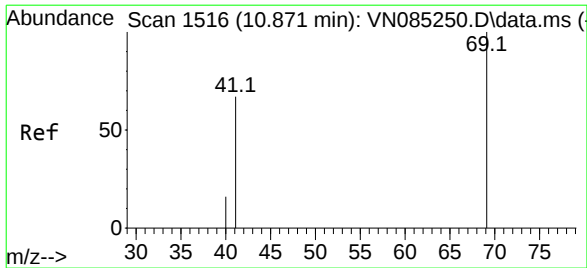
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#55
1,1,2-Trichloroethane
Concen: 0.911 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.006 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

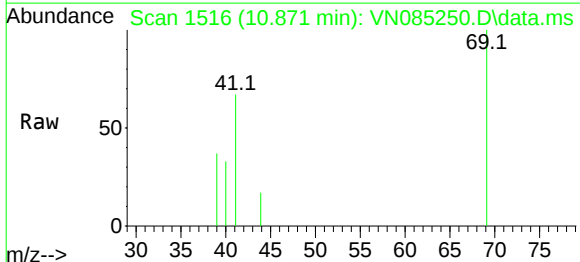
Tgt Ion	Ratio	Lower	Upper
97	100		
83	43.0	69.6	104.4#
85	45.4	45.7	68.5#
99	39.9	50.4	75.6#





#56
Ethyl methacrylate
Concen: 2.793 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

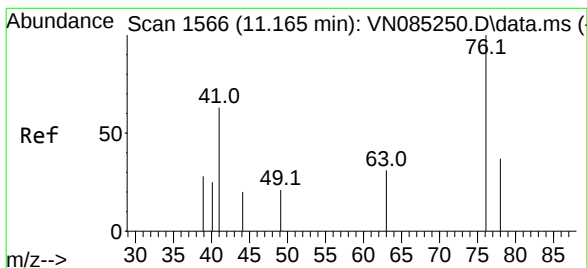
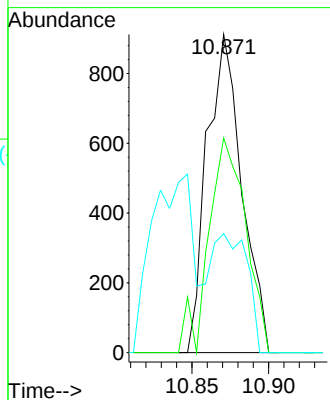
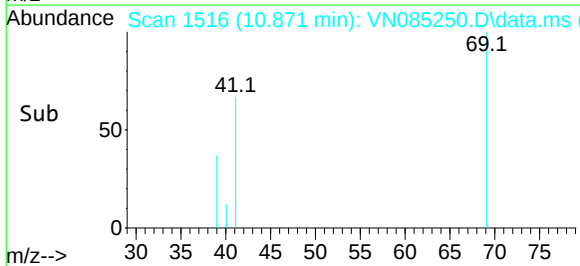
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt	Ion	69	Resp:	1442
Ion	Ratio	Lower	Upper	
69	100			
41	71.8	57.5	86.3	
39	36.8	33.4	50.2	

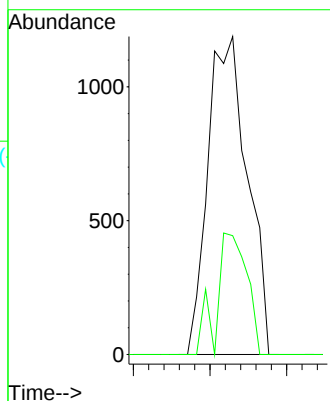
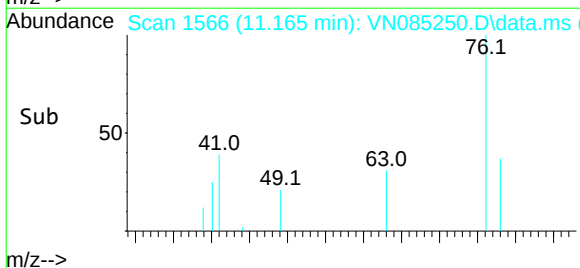
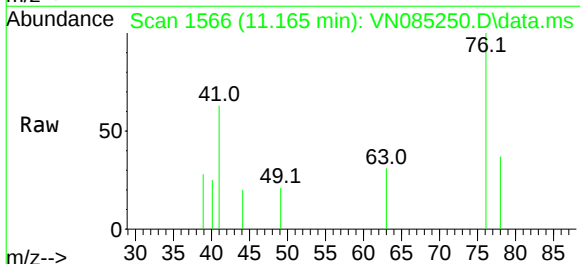
Manual Integrations
APPROVED

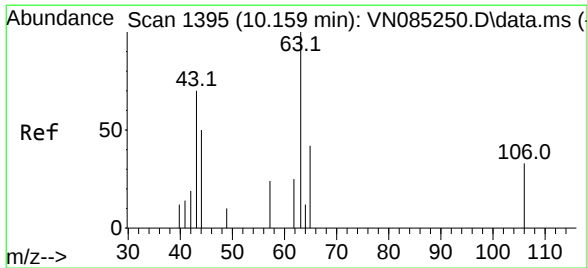
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#57
1,3-Dichloropropane
Concen: 0.928 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

Tgt	Ion	76	Resp:	2128
Ion	Ratio	Lower	Upper	
76	100			
78	29.3	25.4	38.2	





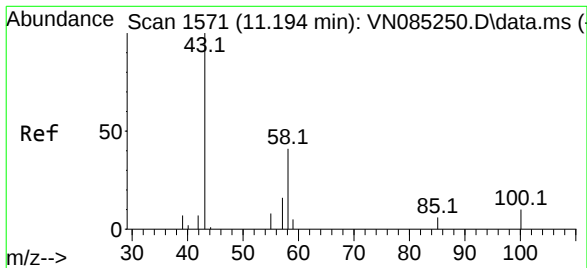
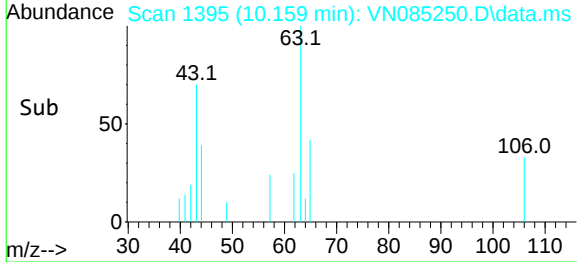
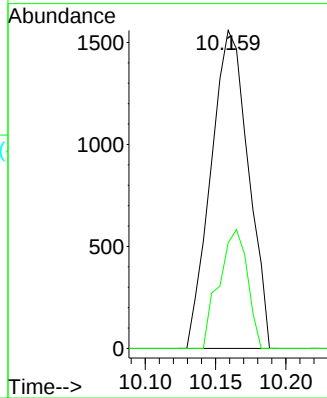
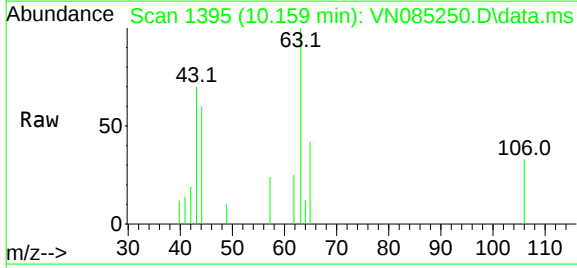
#58
2-Chloroethyl Vinyl ether
Concen: 17.794 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 2886
Ion Ratio Lower Upper
63 100
106 28.2 21.2 31.8

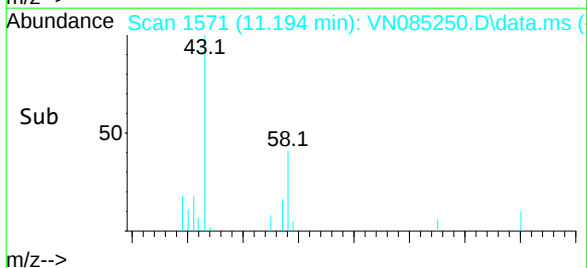
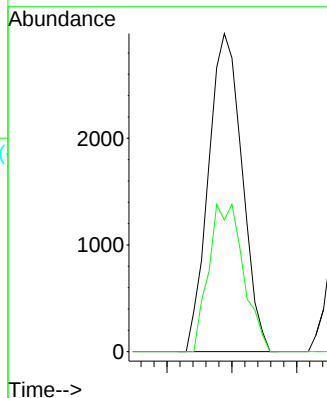
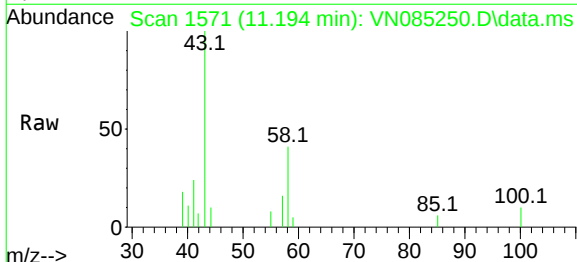
Manual Integrations
APPROVED

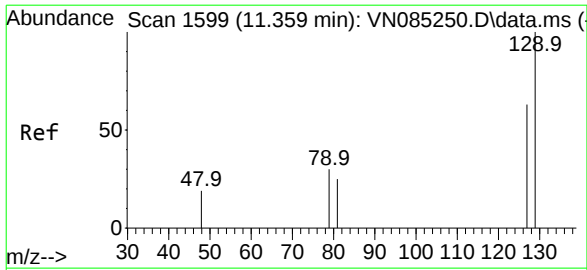
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#59
2-Hexanone
Concen: 3.657 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

Tgt Ion: 43 Resp: 5374
Ion Ratio Lower Upper
43 100
58 47.6 25.8 77.4





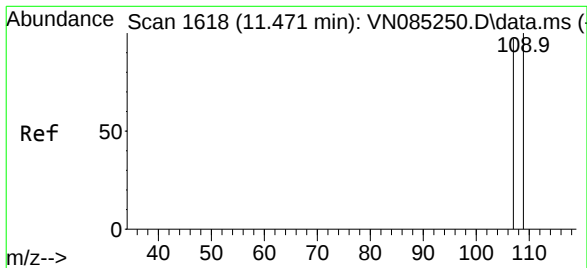
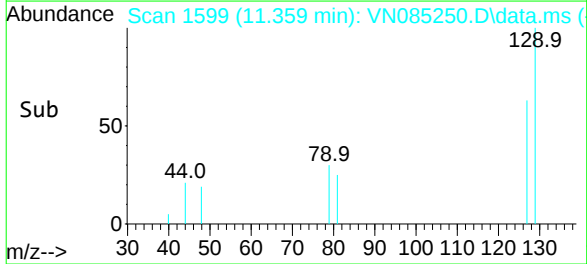
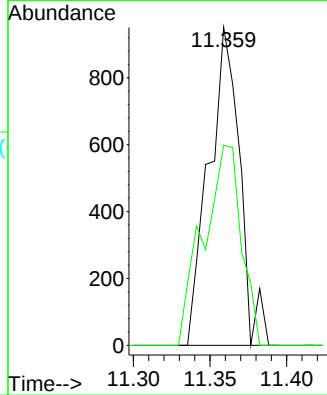
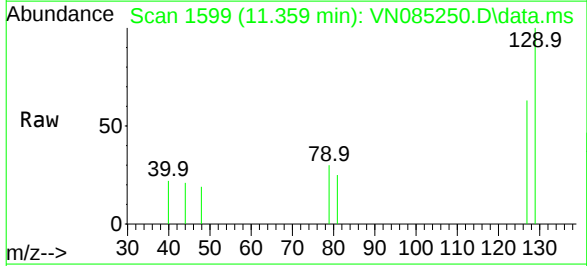
#60
Dibromochloromethane
Concen: 0.861 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:129 Resp: 1329
Ion Ratio Lower Upper
129 100
127 77.5 39.6 118.8

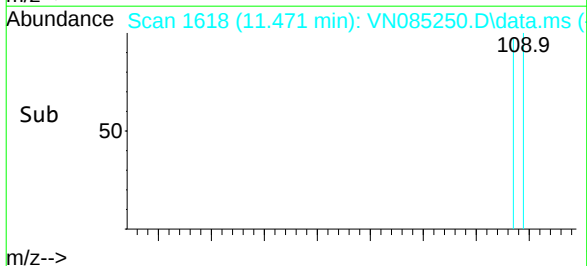
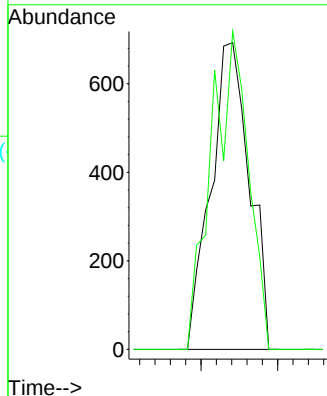
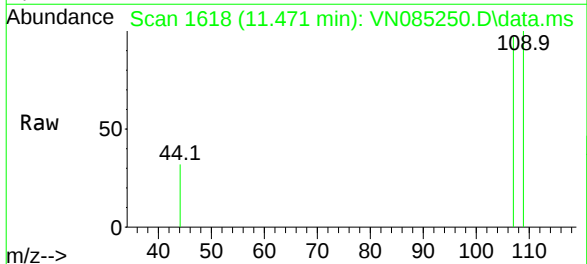
Manual Integrations
APPROVED

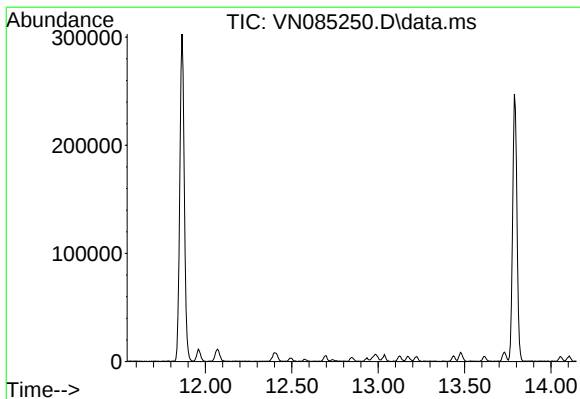
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#61
1,2-Dibromoethane
Concen: 0.906 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

Tgt Ion:107 Resp: 1216
Ion Ratio Lower Upper
107 100
109 99.3 74.2 111.4





#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.85 min

Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

Tgt Ion	95
Sig	Exp Ratio
95	100
174	72.2
176	68.3

Instrument :

MSVOA_N

ClientSampleId :

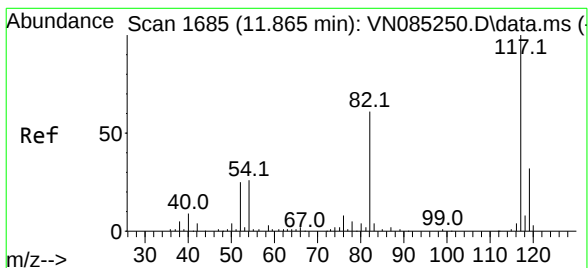
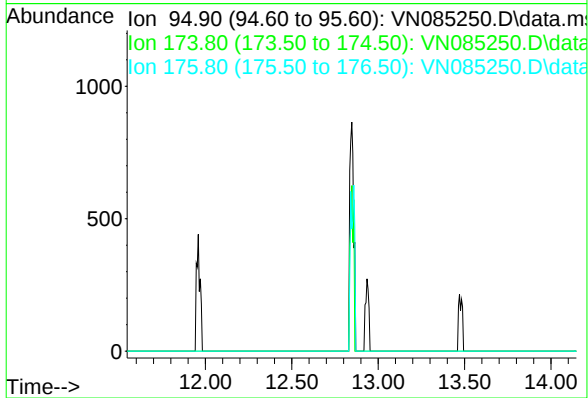
VSTDICC001

Manual Integrations

APPROVED

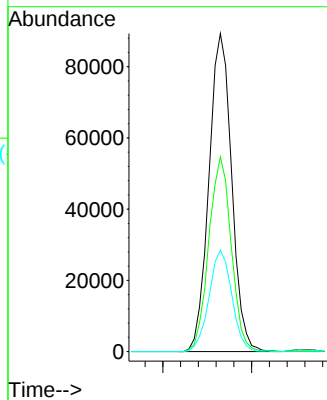
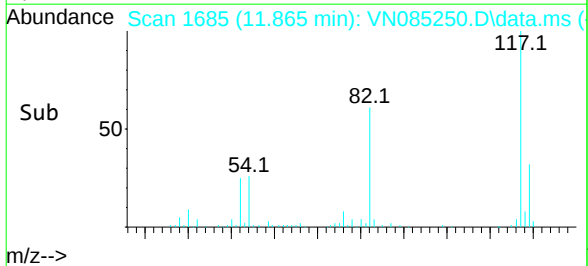
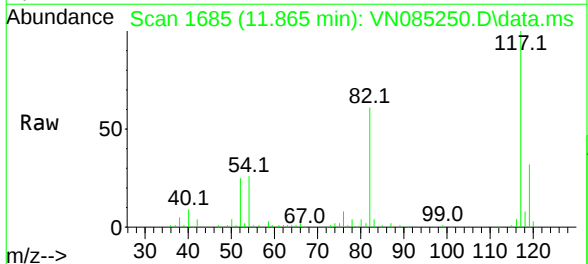
Reviewed By :John Carlone 12/20/2024

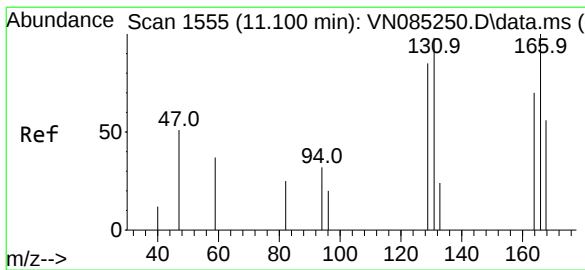
Supervised By :Mahesh Dadoda 12/20/2024



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

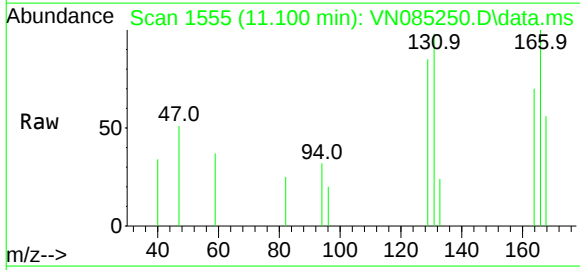
Tgt Ion	117	Resp	158846
Ion Ratio	Lower	Upper	
117	100		
82	61.2	47.4	71.2
119	31.9	25.6	38.4





#64
Tetrachloroethene
Concen: 0.947 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

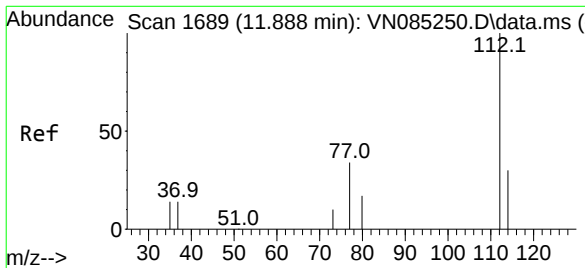
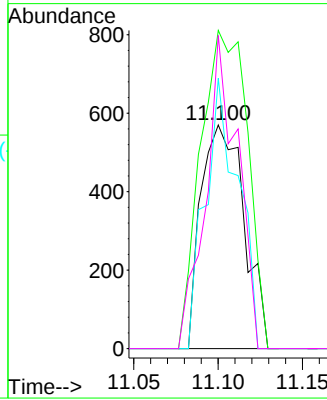
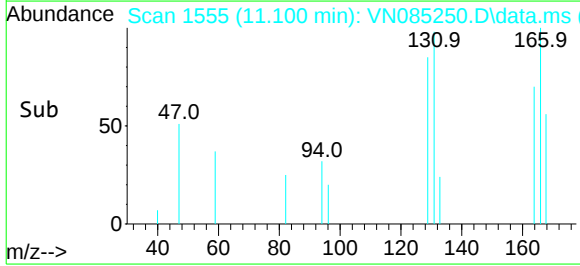
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion	Ratio	Lower	Upper
164	100		
166	142.3	101.5	152.3
129	120.9	79.4	119.2
131	140.0	73.9	110.9

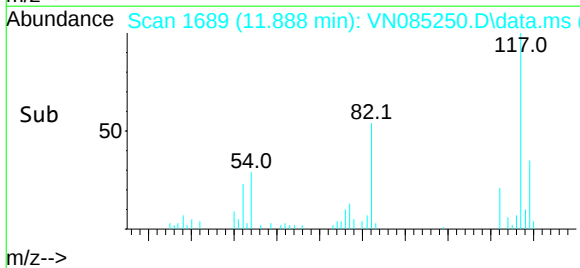
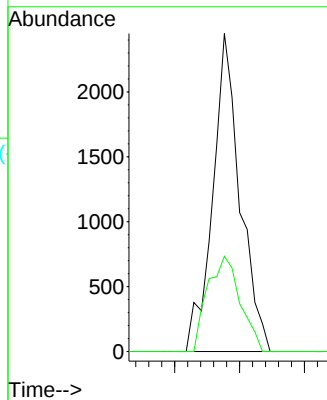
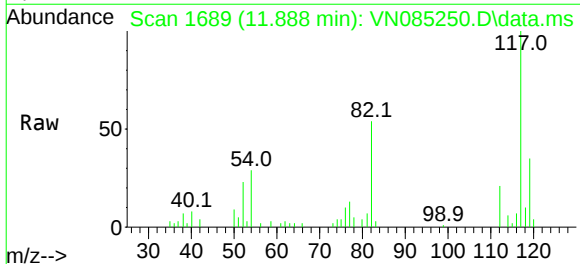
Manual Integrations
APPROVED

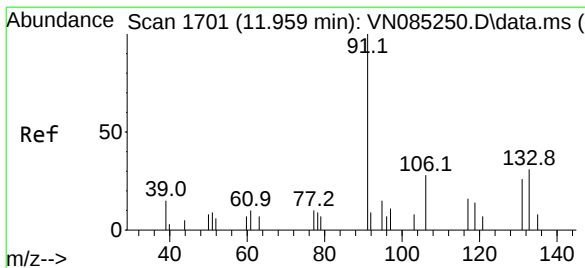
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#65
Chlorobenzene
Concen: 1.003 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

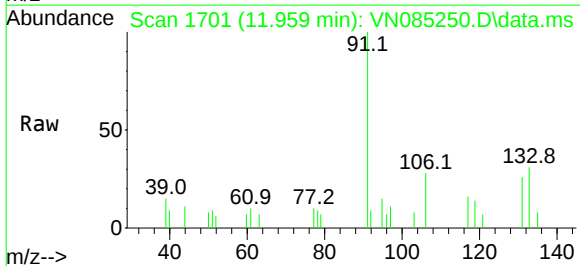
Tgt Ion	Ratio	Lower	Upper
112	100		
114	30.0	26.2	39.4





#66
1,1,1,2-Tetrachloroethane
Concen: 0.865 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

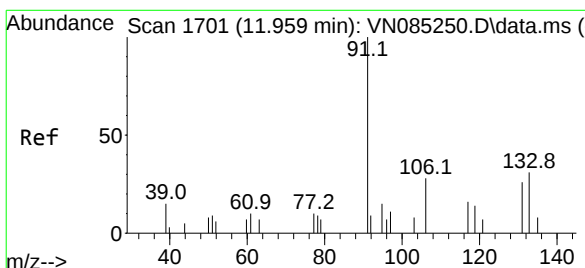
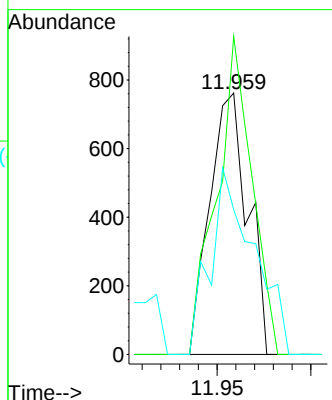
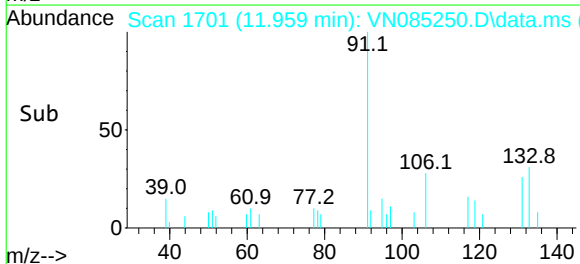
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:131 Resp: 1078
Ion Ratio Lower Upper
131 100
133 112.7 48.6 145.8
119 0.0 32.5 97.5#

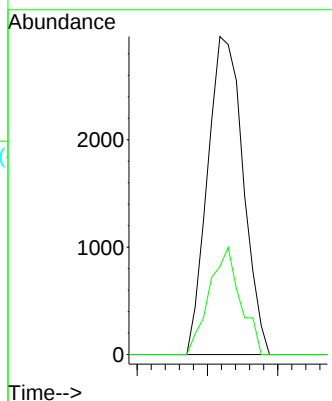
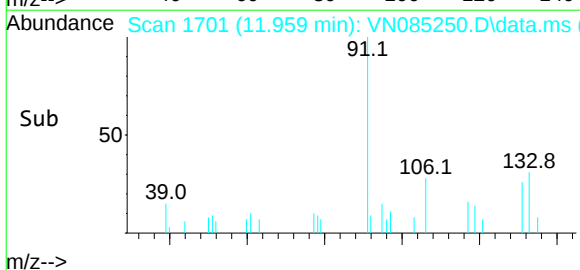
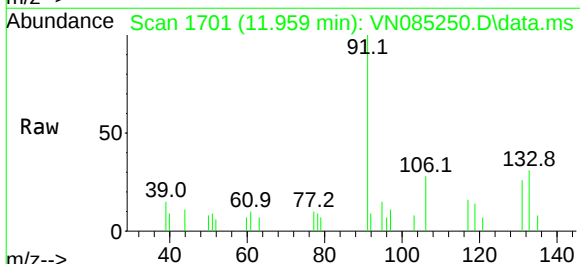
Manual Integrations
APPROVED

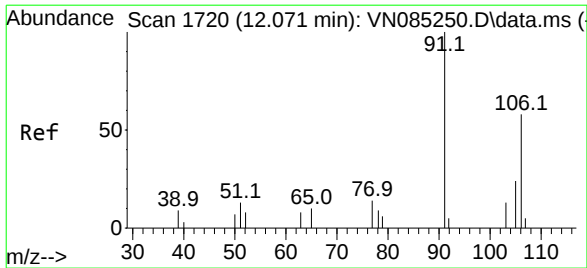
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#67
Ethyl Benzene
Concen: 0.851 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

Tgt Ion: 91 Resp: 5208
Ion Ratio Lower Upper
91 100
106 27.7 23.5 35.3





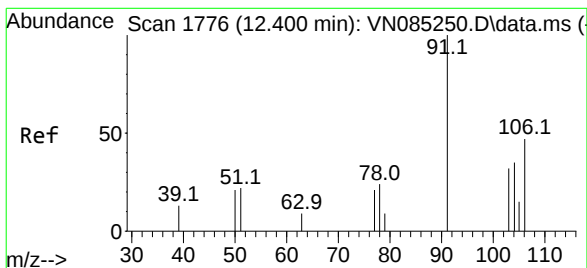
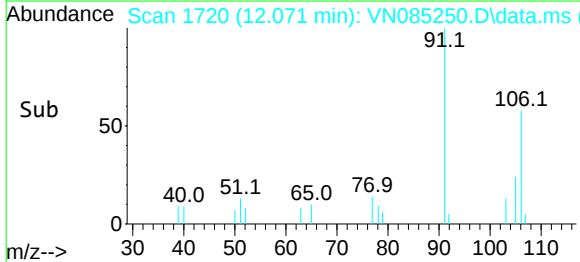
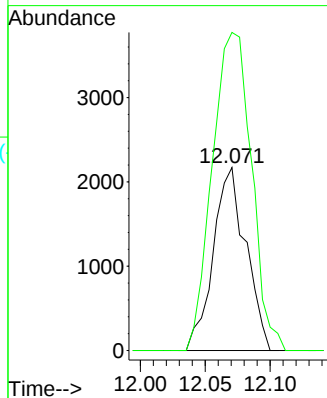
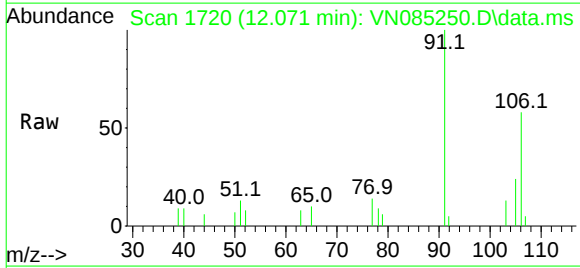
#68
m/p-Xylenes
Concen: 1.659 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:106 Resp: 3798
Ion Ratio Lower Upper
106 100
91 208.7 168.3 252.5

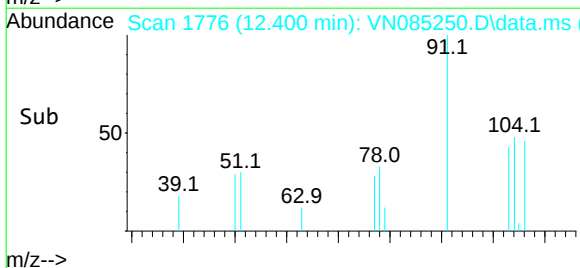
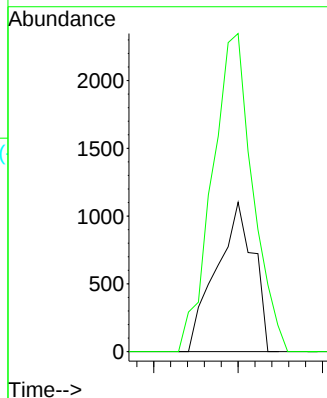
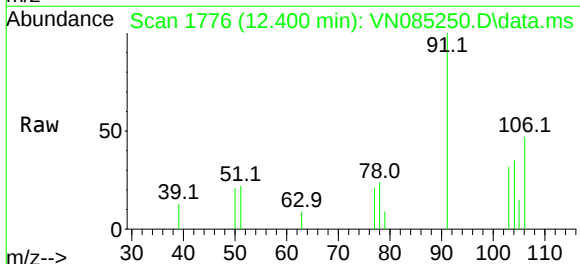
Manual Integrations
APPROVED

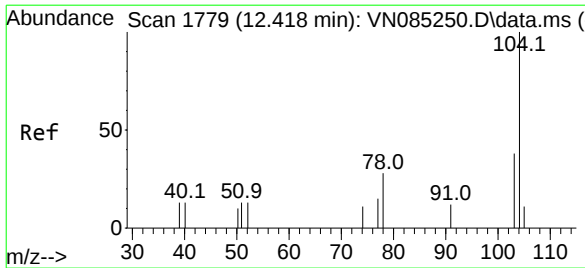
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#69
o-Xylene
Concen: 0.786 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

Tgt Ion:106 Resp: 1692
Ion Ratio Lower Upper
106 100
91 231.6 112.1 336.2





#70

Styrene

Concen: 0.766 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. 0.006 min

Lab File: VN085250.D

Acq: 18 Dec 2024 13:57

Instrument :

MSVOA_N

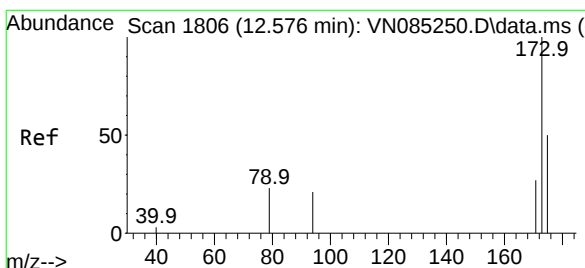
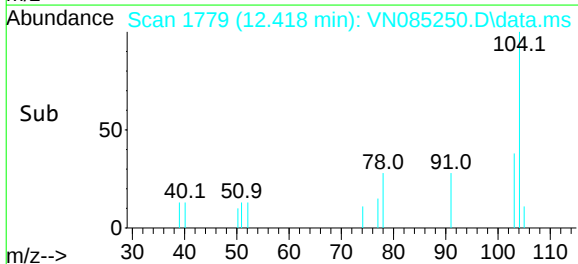
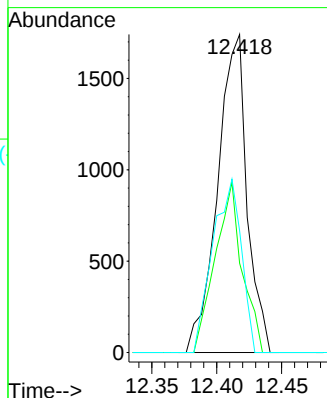
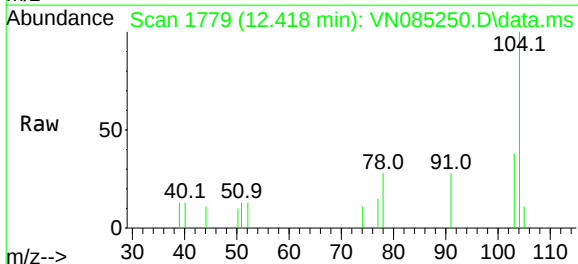
ClientSampleId :

VSTDICC001

Tgt Ion:	104	Resp:	2751
Ion Ratio	Lower	Upper	
104	100		
78	49.1	43.2	64.8
103	53.0	44.6	66.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#71

Bromoform

Concen: 0.862 ug/l

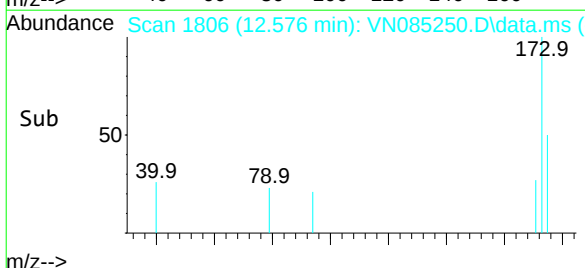
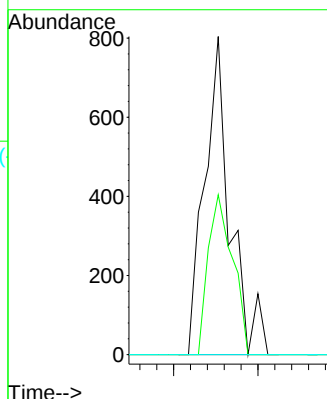
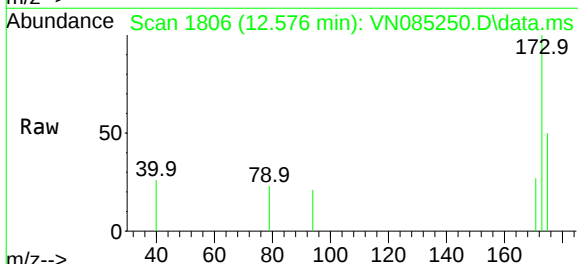
RT: 12.576 min Scan# 1806

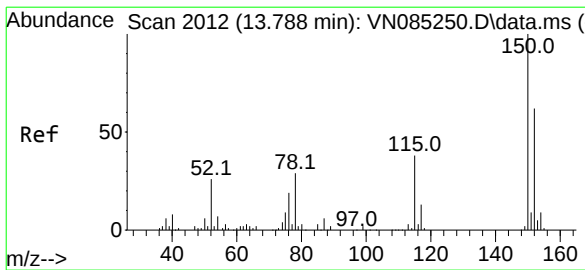
Delta R.T. 0.000 min

Lab File: VN085250.D

Acq: 18 Dec 2024 13:57

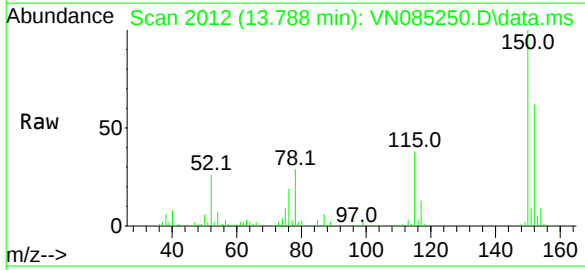
Tgt Ion:	173	Resp:	842
Ion Ratio	Lower	Upper	
173	100		
175	48.3	24.5	73.5
254	0.0	0.0	0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

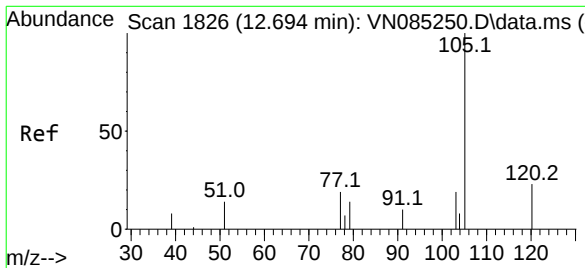
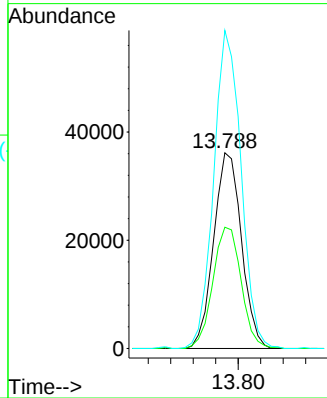
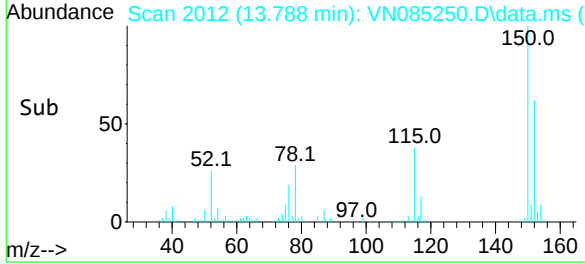
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



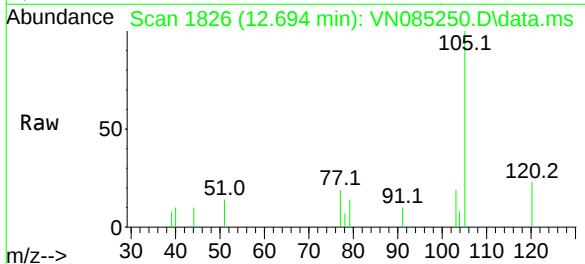
Tgt Ion:152 Resp: 62164
Ion Ratio Lower Upper
152 100
115 63.0 32.1 96.3
150 159.6 0.0 354.6

Manual Integrations
APPROVED

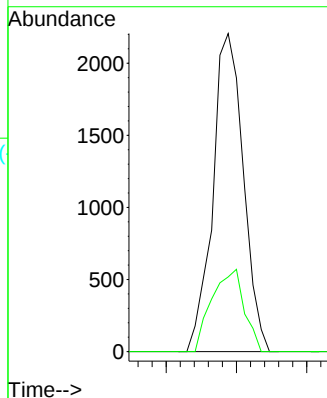
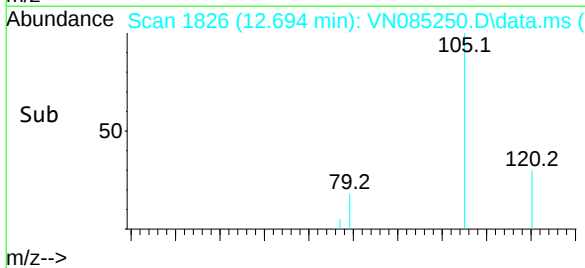
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

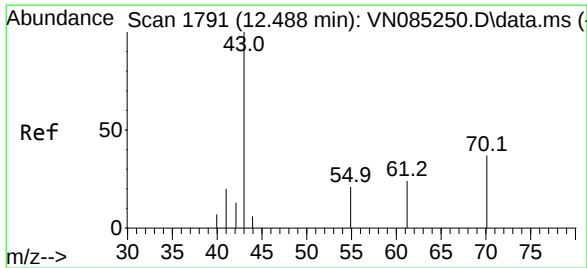


#73
Isopropylbenzene
Concen: 0.743 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57



Tgt Ion:105 Resp: 3330
Ion Ratio Lower Upper
105 100
120 27.4 13.0 38.9





#74

N-amyI acetate

Concen: 0.780 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.006 min

Lab File: VN085250.D

Acq: 18 Dec 2024 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 43 Resp: 1748

Ion Ratio Lower Upper

43 100

70 36.8 31.5 47.3

55 22.6 19.0 28.4

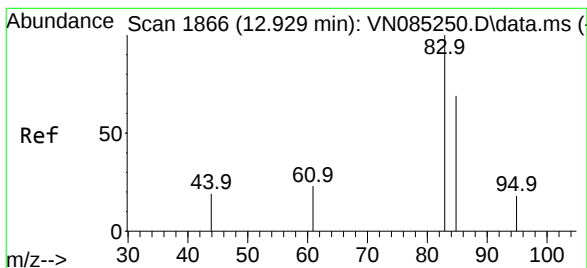
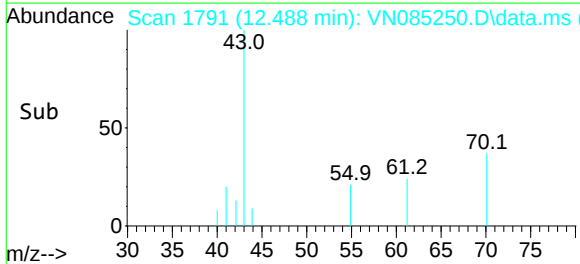
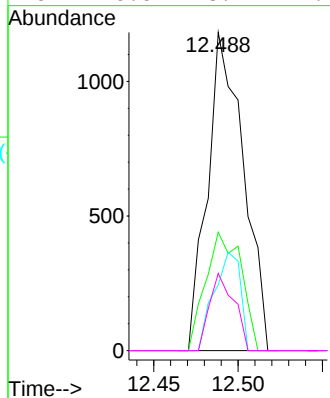
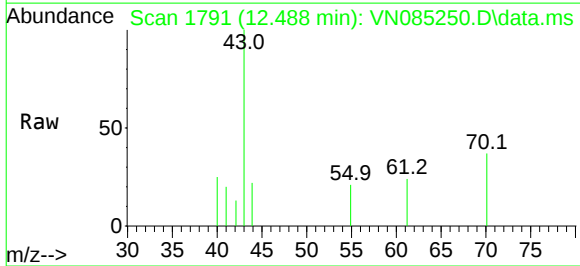
61 16.6 18.1 27.1#

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#75

1,1,2,2-Tetrachloroethane

Concen: 1.050 ug/l

RT: 12.929 min Scan# 1866

Delta R.T. -0.006 min

Lab File: VN085250.D

Acq: 18 Dec 2024 13:57

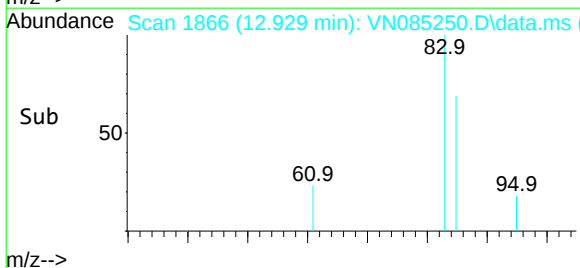
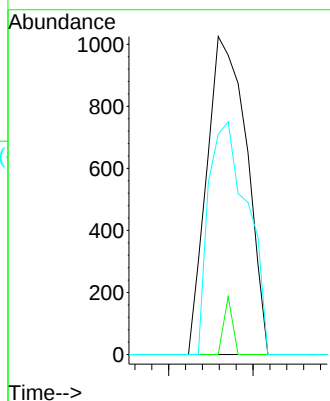
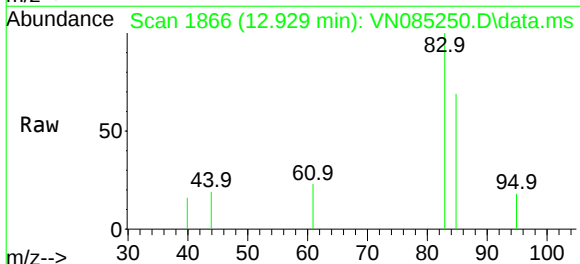
Tgt Ion: 83 Resp: 1677

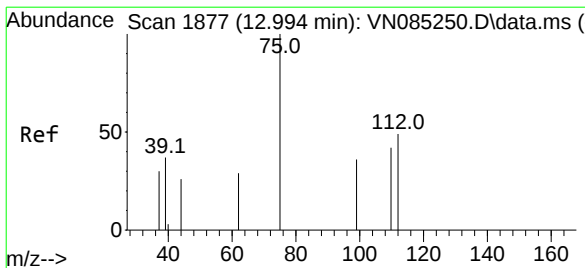
Ion Ratio Lower Upper

83 100

131 3.9 4.7 14.1#

85 71.6 32.5 97.4





#76

1,2,3-Trichloropropane

Concen: 0.982 ug/l m

RT: 12.994 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085250.D

Acq: 18 Dec 2024 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 75 Resp: 1455

Ion Ratio Lower Upper

75 100

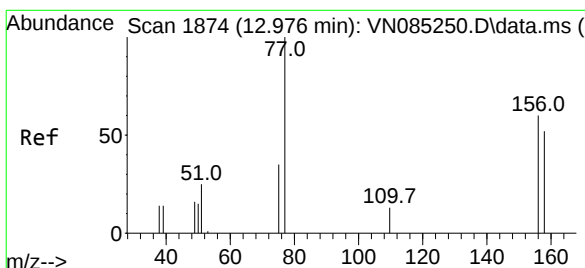
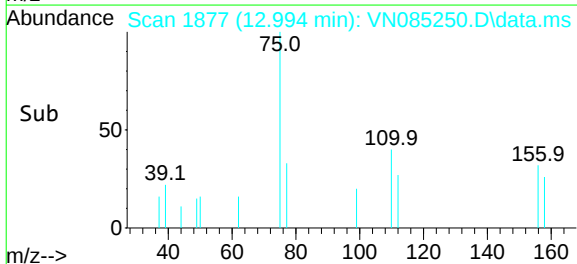
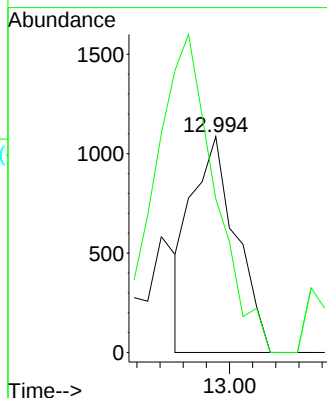
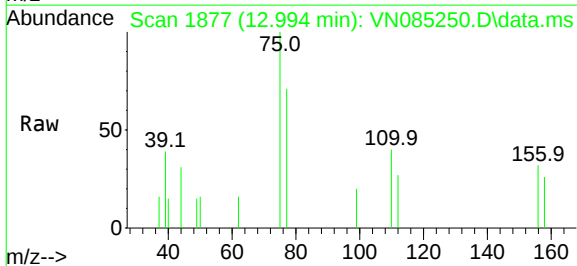
77 196.5 102.6 307.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#77

Bromobenzene

Concen: 1.130 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN085250.D

Acq: 18 Dec 2024 13:57

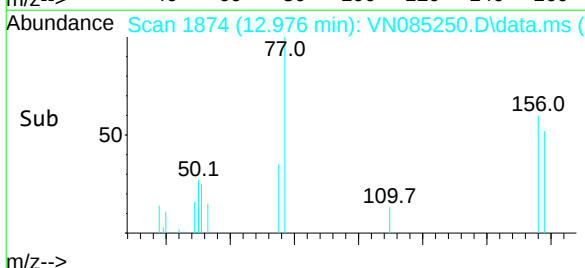
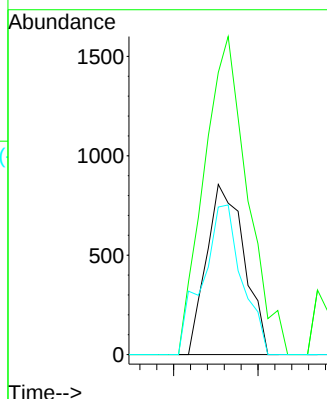
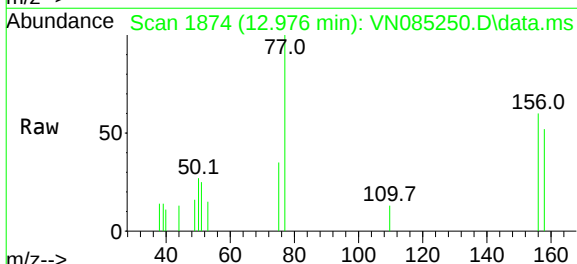
Tgt Ion:156 Resp: 1330

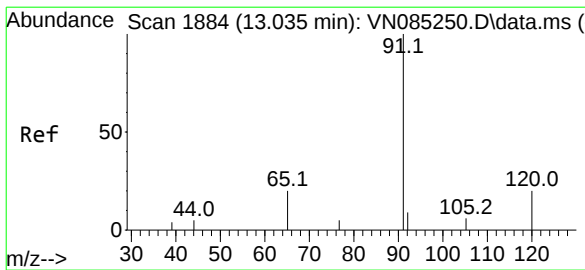
Ion Ratio Lower Upper

156 100

77 215.0 115.8 347.3

158 92.1 47.9 143.7





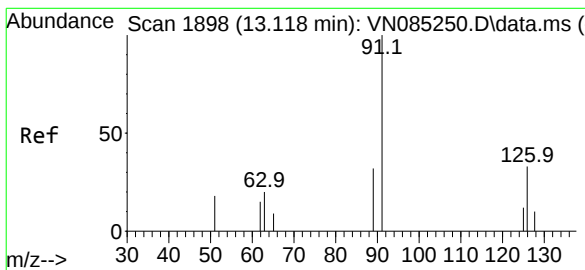
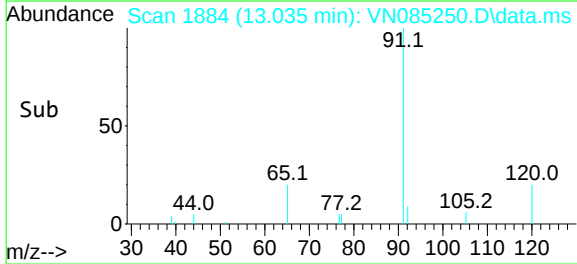
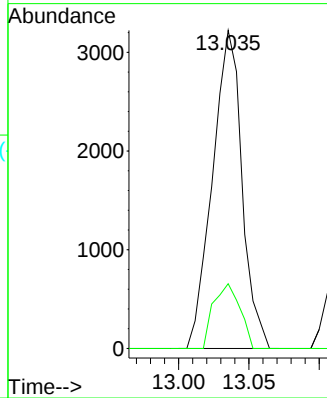
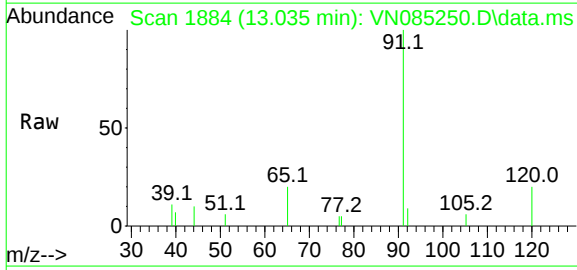
#78
n-propylbenzene
Concen: 0.855 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 4704
Ion Ratio Lower Upper
91 100
120 18.2 10.8 32.3

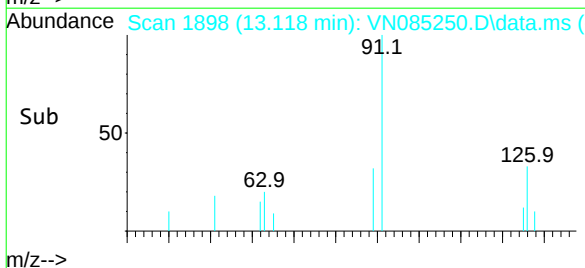
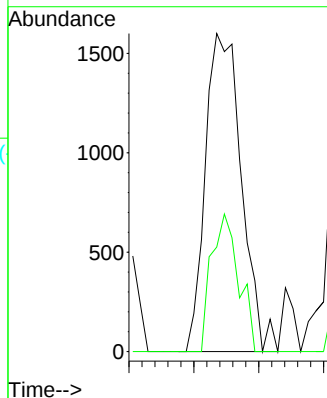
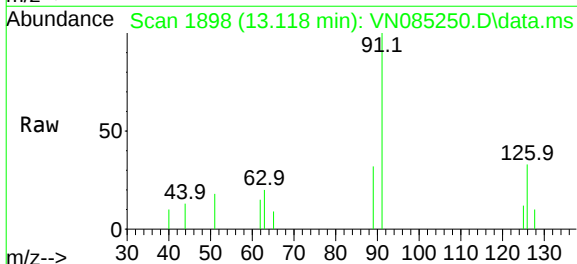
Manual Integrations
APPROVED

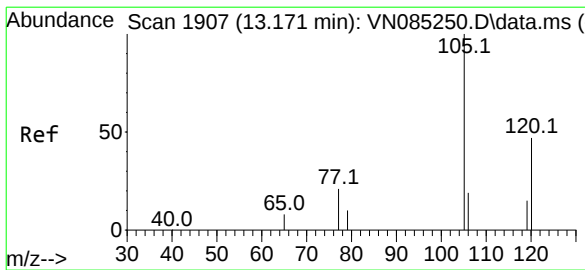
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#79
2-Chlorotoluene
Concen: 0.885 ug/l
RT: 13.118 min Scan# 1898
Delta R.T. -0.006 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

Tgt Ion: 91 Resp: 3091
Ion Ratio Lower Upper
91 100
126 32.9 15.2 45.5





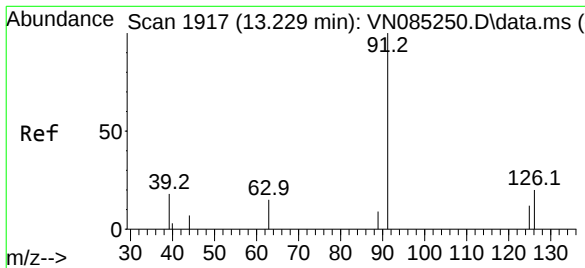
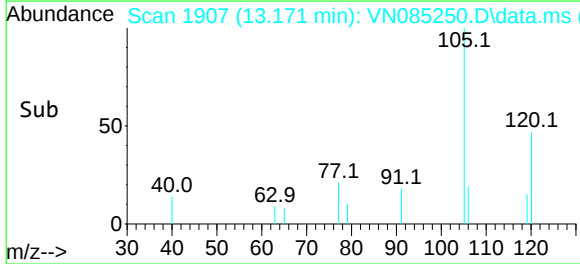
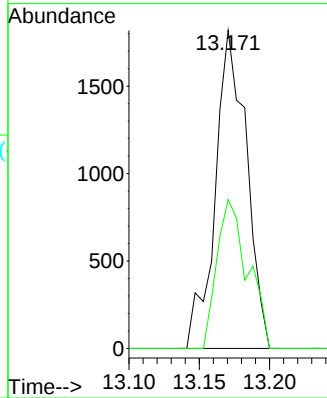
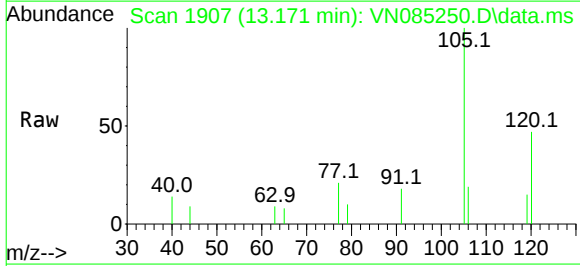
#80
1,3,5-Trimethylbenzene
Concen: 0.751 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 105 Resp: 2808
Ion Ratio Lower Upper
105 100
120 46.2 23.4 70.2

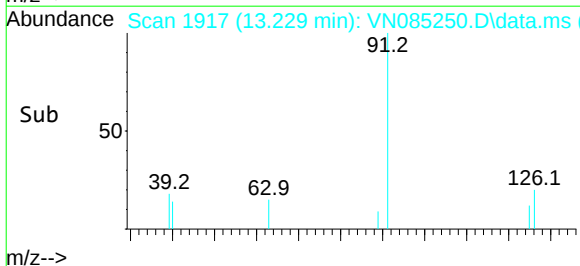
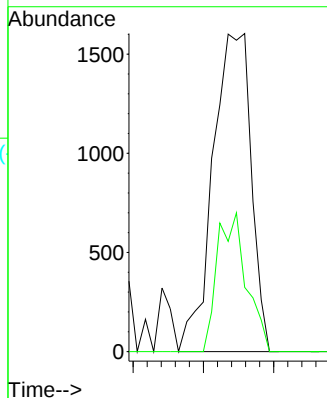
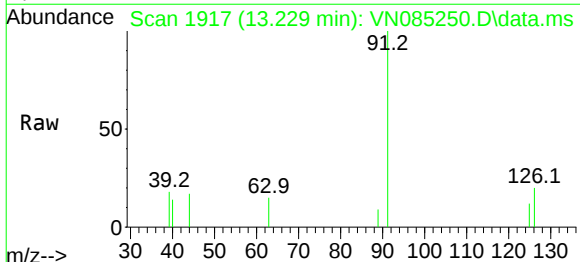
Manual Integrations
APPROVED

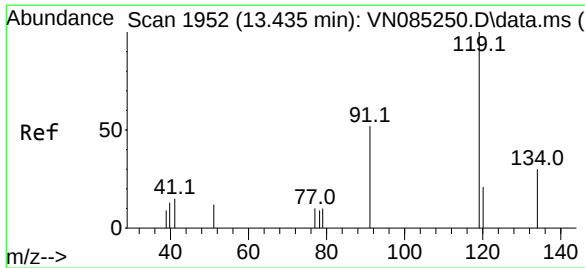
Reviewed By : John Carlone 12/20/2024
Supervised By : Mahesh Dadoda 12/20/2024



#82
4-Chlorotoluene
Concen: 0.861 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.012 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

Tgt Ion: 91 Resp: 3041
Ion Ratio Lower Upper
91 100
126 33.2 15.6 46.8





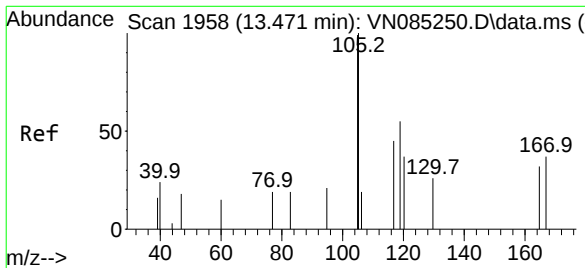
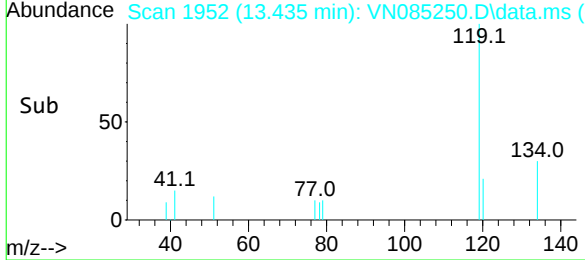
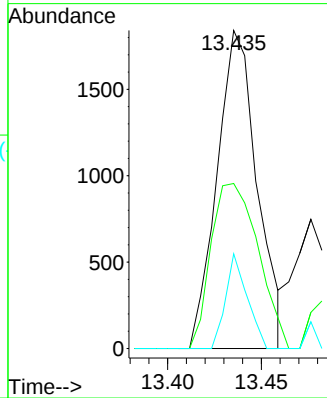
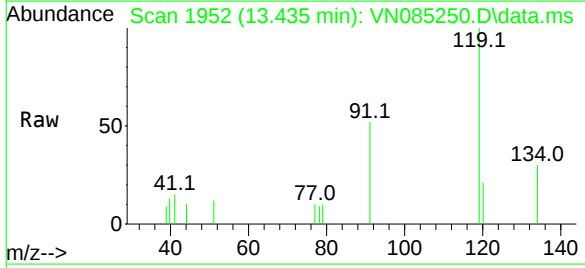
#83
tert-Butylbenzene
Concen: 0.866 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:119 Resp: 2748
Ion Ratio Lower Upper
119 100
91 60.9 36.3 108.7
134 16.0 12.2 36.6

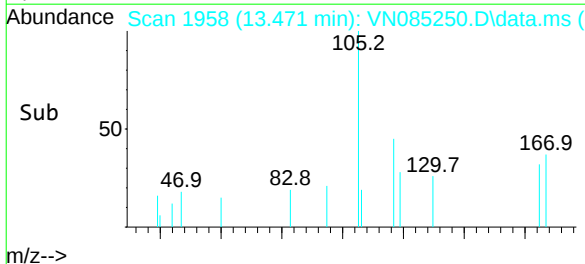
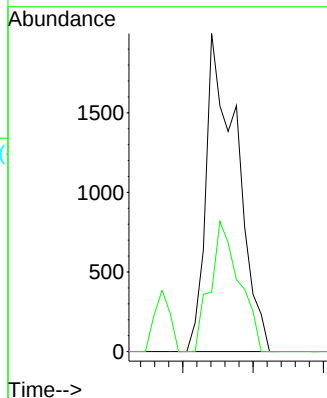
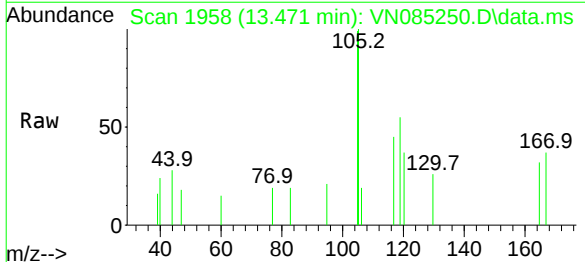
Manual Integrations
APPROVED

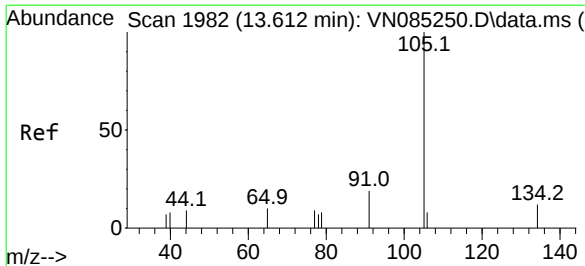
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#84
1,2,4-Trimethylbenzene
Concen: 0.800 ug/l
RT: 13.471 min Scan# 1958
Delta R.T. -0.012 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

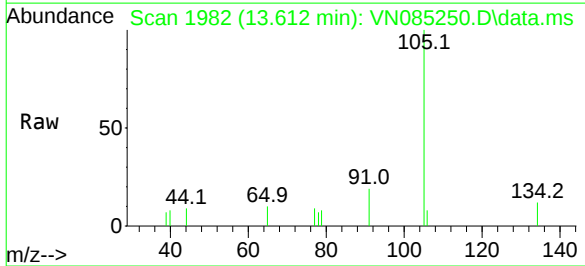
Tgt Ion:105 Resp: 3057
Ion Ratio Lower Upper
105 100
120 38.4 21.8 65.3





#85
sec-Butylbenzene
Concen: 0.762 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

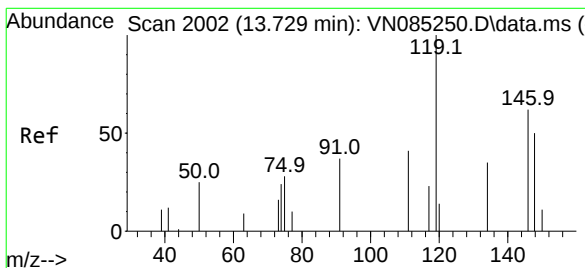
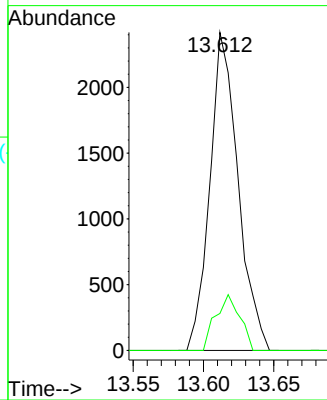
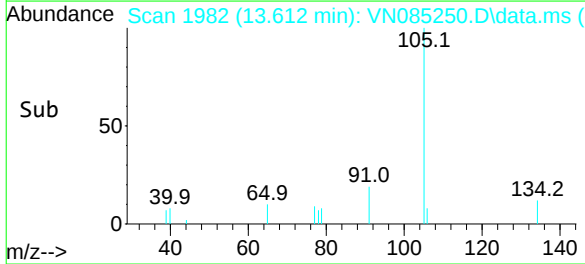
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:105 Resp: 3372
Ion Ratio Lower Upper
105 100
134 15.1 9.4 28.3

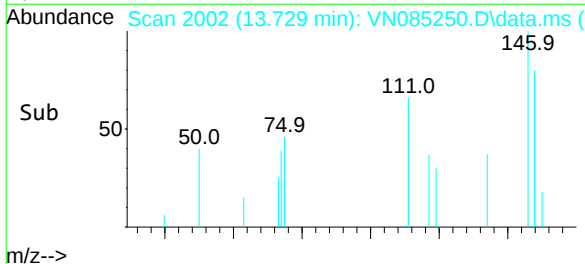
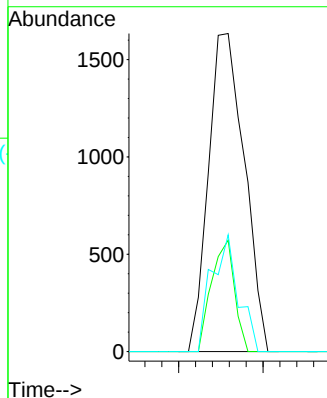
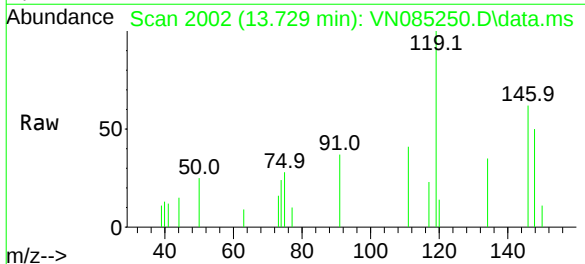
Manual Integrations
APPROVED

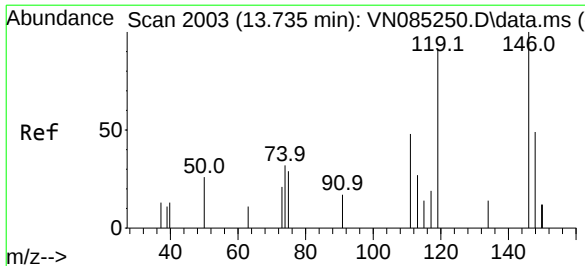
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#86
p-Isopropyltoluene
Concen: 2.489 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

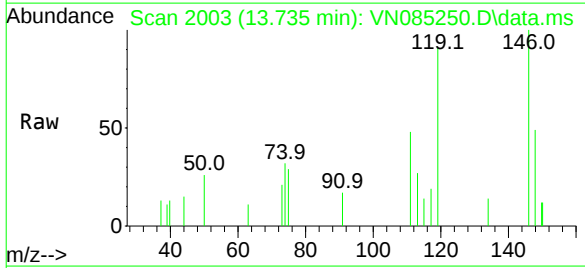
Tgt Ion:119 Resp: 2415
Ion Ratio Lower Upper
119 100
134 22.4 12.5 37.5
91 27.4 13.0 38.9





#87
1,3-Dichlorobenzene
Concen: 1.032 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

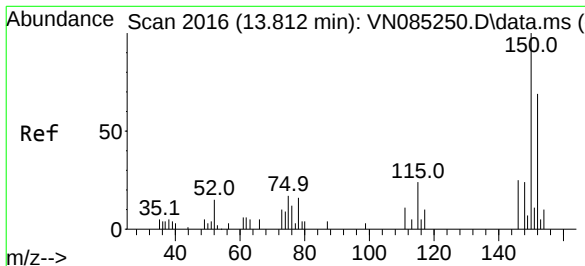
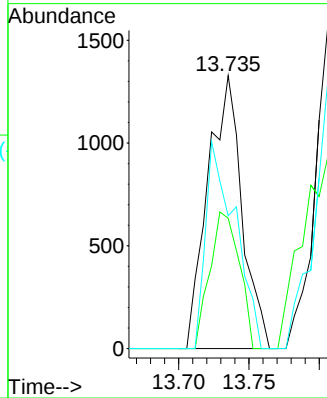
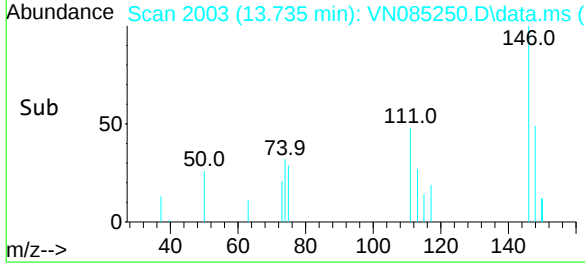
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



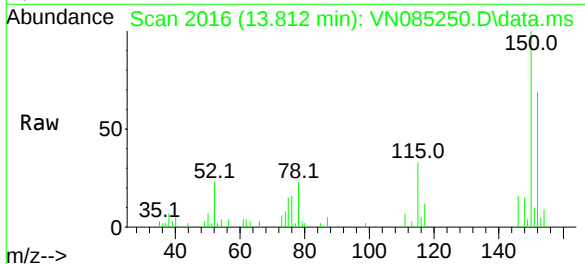
Tgt	Ion:146	Resp:	2237
Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.5	64.5
148	65.9	31.4	94.0

Manual Integrations
APPROVED

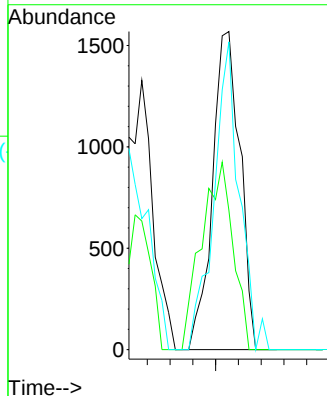
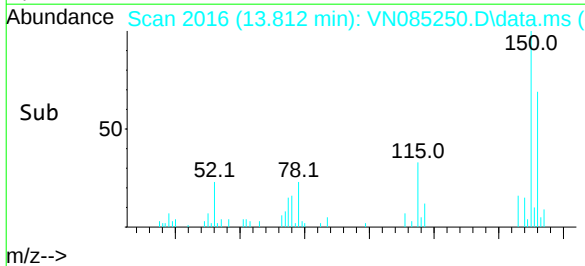
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

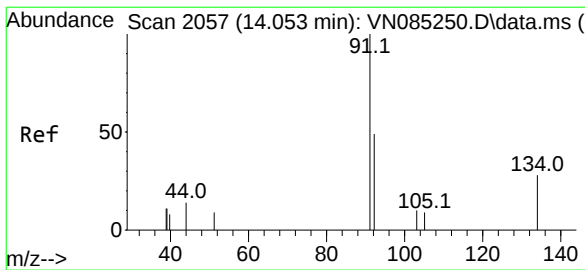


#88
1,4-Dichlorobenzene
Concen: 1.173 ug/l m
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57



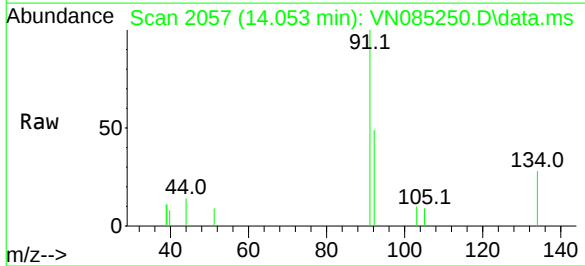
Tgt	Ion:146	Resp:	2631
Ion	Ratio	Lower	Upper
146	100		
111	36.8	20.8	62.5
148	56.1	31.9	95.9





#89
n-Butylbenzene
Concen: 0.891 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

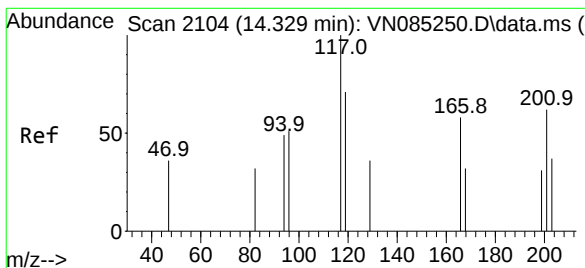
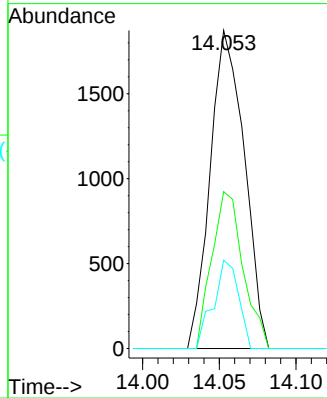
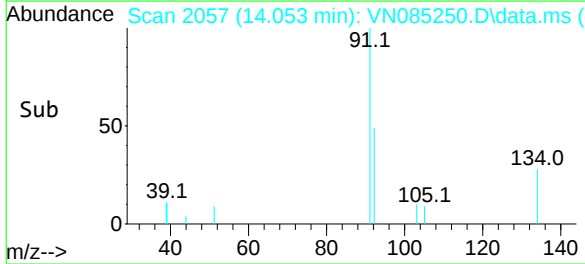
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 91 Resp: 2897
Ion Ratio Lower Upper
91 100
92 45.3 25.8 77.3
134 20.4 12.0 36.0

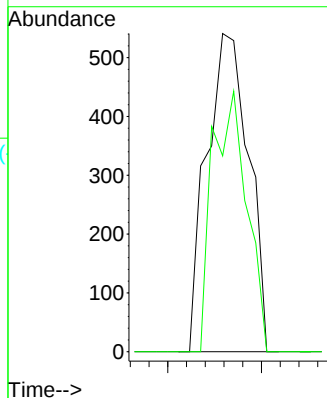
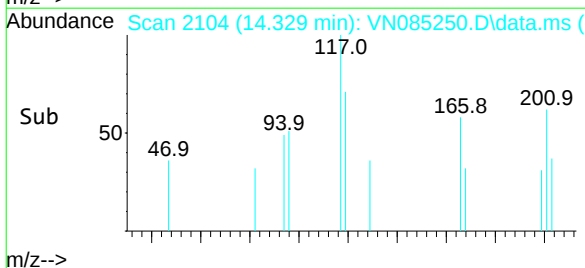
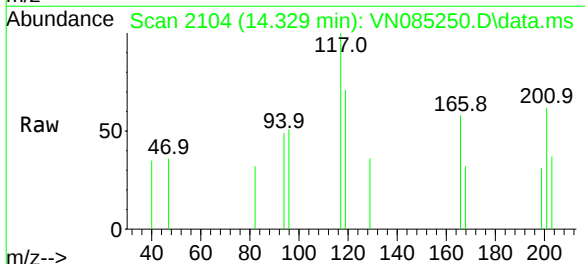
Manual Integrations
APPROVED

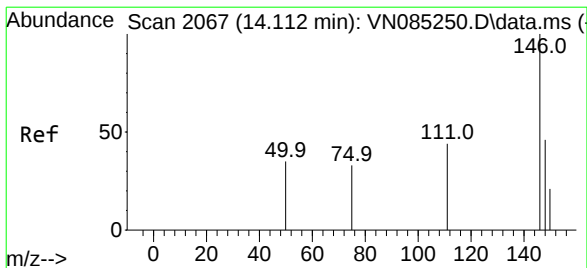
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#90
Hexachloroethane
Concen: 1.036 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

Tgt Ion:117 Resp: 842
Ion Ratio Lower Upper
117 100
201 67.1 31.9 95.7





#91

1,2-Dichlorobenzene

Concen: 0.924 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.006 min

Lab File: VN085250.D

Acq: 18 Dec 2024 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

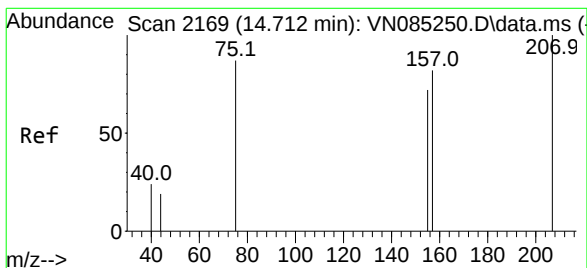
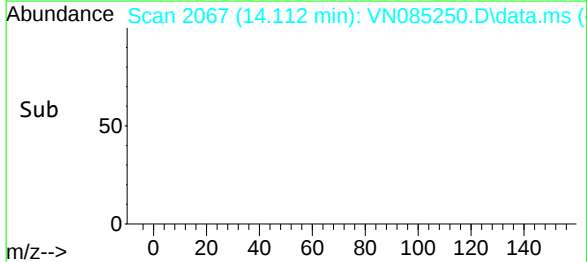
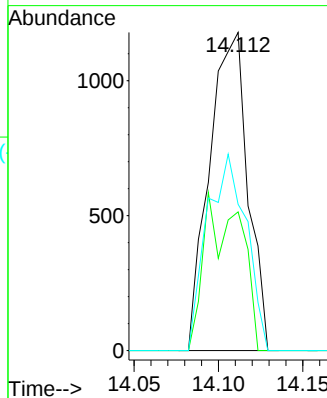
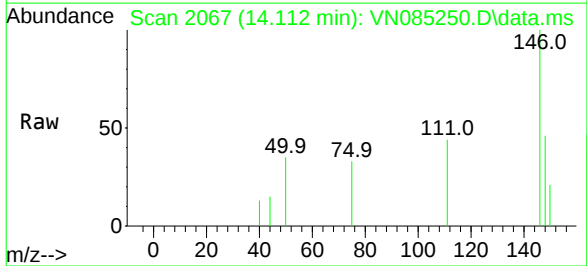
Tgt Ion:	146	Resp:	1864
Ion	Ratio	Lower	Upper
146	100		
111	47.0	22.1	66.1
148	62.8	31.9	95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.692 ug/l

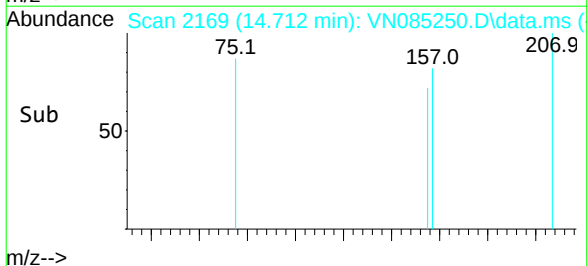
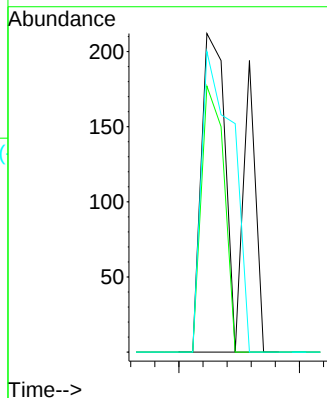
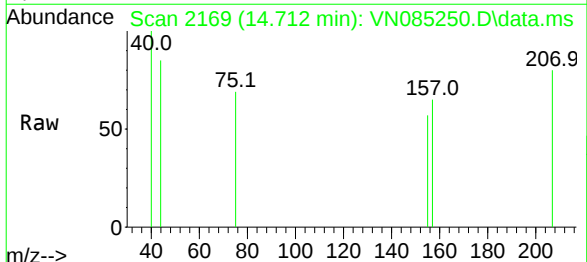
RT: 14.712 min Scan# 2169

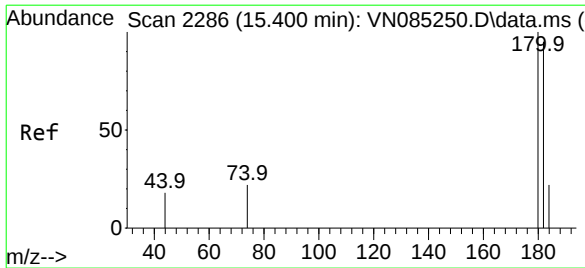
Delta R.T. -0.006 min

Lab File: VN085250.D

Acq: 18 Dec 2024 13:57

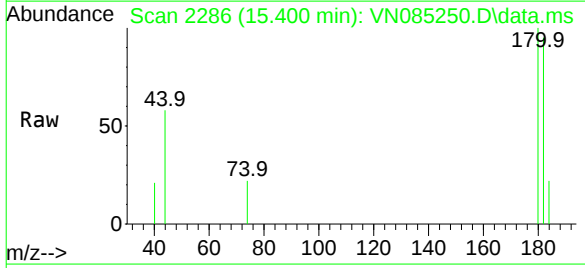
Tgt Ion:	75	Resp:	212
Ion	Ratio	Lower	Upper
75	100		
155	54.2	35.4	106.2
157	84.9	43.3	129.9





#93
1,2,4-Trichlorobenzene
Concen: 1.168 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. 0.012 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57

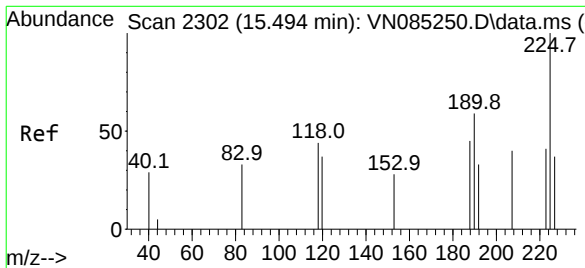
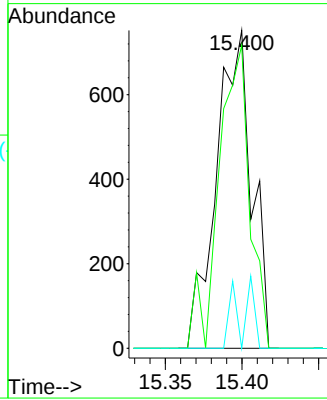
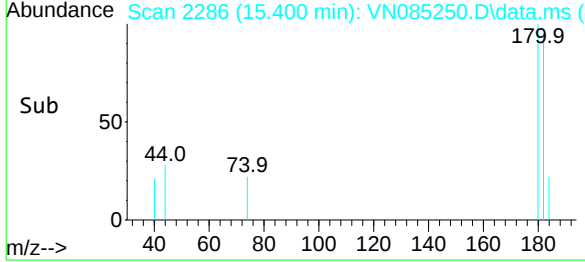
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



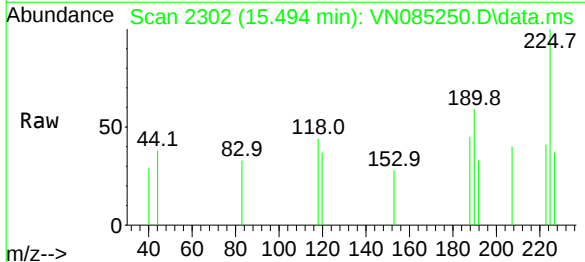
Tgt Ion	Ratio	Lower	Upper
180	100		
182	83.3	46.3	138.8
145	9.6	16.6	49.7

Manual Integrations
APPROVED

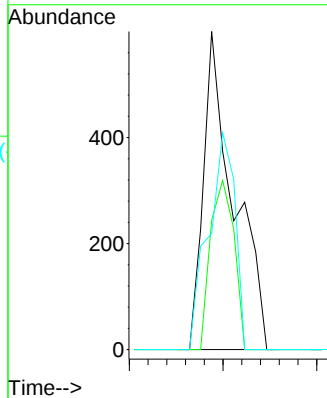
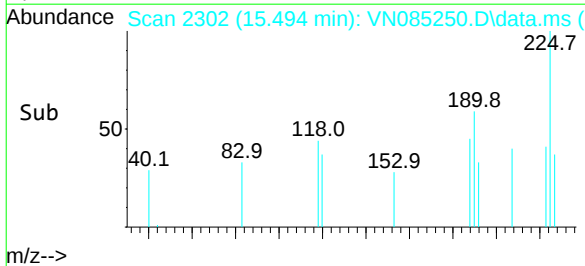
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

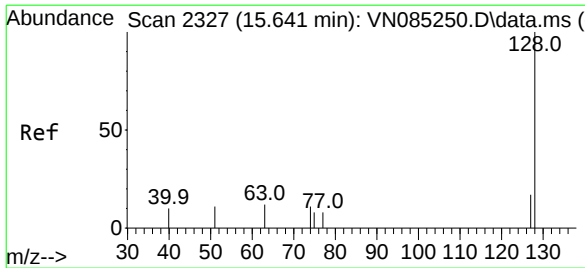


#94
Hexachlorobutadiene
Concen: 1.254 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN085250.D
Acq: 18 Dec 2024 13:57



Tgt Ion	Ratio	Lower	Upper
225	100		
223	41.5	34.1	102.2
227	60.0	33.2	99.6





#95

Naphthalene

Concen: 1.157 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN085250.D

Acq: 18 Dec 2024 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

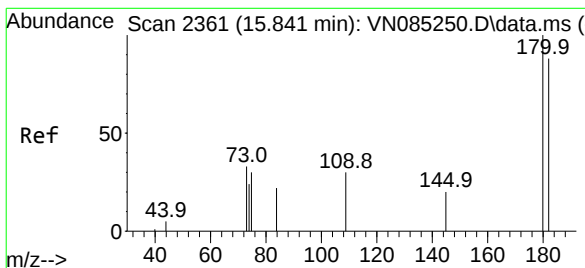
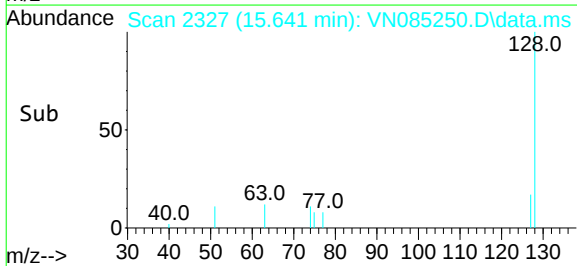
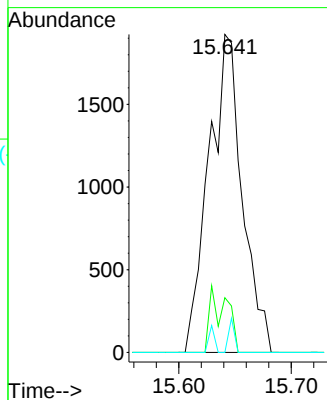
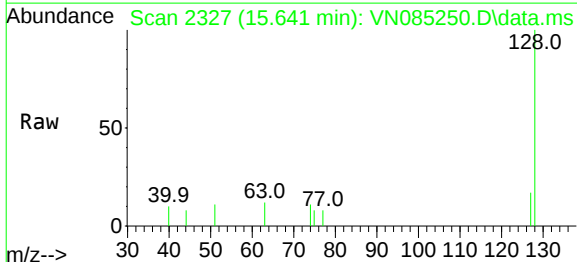
Tgt Ion:	128	Resp:	3956
Ion Ratio	Lower	Upper	
128	100		
127	0.0	10.3	15.5
129	1.8	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#96

1,2,3-Trichlorobenzene

Concen: 1.150 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085250.D

Acq: 18 Dec 2024 13:57

Tgt Ion:	180	Resp:	1186
Ion Ratio	Lower	Upper	
180	100		
182	100.8	46.9	140.6
145	24.1	17.6	52.8

