

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085245.D
 Acq On : 18 Dec 2024 11:56
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 19 05:17:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 05:12:29 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)

Internal Standards						
1) Pentafluorobenzene	8.224	168	132793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	218841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	197737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	100501	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	222397	95.819	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 191.640%#	
35) Dibromofluoromethane	8.165	113	156776	101.898	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 203.800%#	
50) Toluene-d8	10.565	98	606787	107.904	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 215.800%#	
62) 4-Bromofluorobenzene	12.847	95	227599	113.316	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 226.640%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	223683	105.738	ug/l	95
3) Chloromethane	2.359	50	185155	91.824	ug/l	96
4) Vinyl Chloride	2.512	62	185482	98.177	ug/l	98
5) Bromomethane	2.936	94	113603	91.664	ug/l	95
6) Chloroethane	3.106	64	114090	98.985	ug/l	100
7) Trichlorofluoromethane	3.489	101	292297	95.808	ug/l	98
8) Diethyl Ether	3.953	74	100508	104.885	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	166774	101.922	ug/l	97
10) Methyl Iodide	4.583	142	195301	104.680	ug/l	99
11) Tert butyl alcohol	5.524	59	146115	453.197	ug/l	99
12) 1,1-Dichloroethene	4.336	96	155868	102.836	ug/l	96
13) Acrolein	4.177	56	179663	483.889	ug/l	97
14) Allyl chloride	5.018	41	273080	103.792	ug/l	98
15) Acrylonitrile	5.712	53	429271	488.837	ug/l	99
16) Acetone	4.424	43	362573	452.555	ug/l	95
17) Carbon Disulfide	4.706	76	478256	92.463	ug/l	98
18) Methyl Acetate	5.018	43	208325	91.848	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	556328	107.088	ug/l	100
20) Methylene Chloride	5.271	84	171870	98.070	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	165308	98.924	ug/l	97
22) Diisopropyl ether	6.671	45	611946	109.283	ug/l	99
23) Vinyl Acetate	6.600	43	2433128	562.326	ug/l	100
24) 1,1-Dichloroethane	6.559	63	325296	100.286	ug/l	98
25) 2-Butanone	7.477	43	603062	491.528	ug/l	99
26) 2,2-Dichloropropane	7.489	77	306120	101.918	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	198818	102.187	ug/l	97
28) Bromochloromethane	7.806	49	159647	97.592	ug/l	100
29) Tetrahydrofuran	7.836	42	399494	505.120	ug/l	99
30) Chloroform	7.965	83	342072	98.751	ug/l	99
31) Cyclohexane	8.253	56	293535	97.753	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	314505	101.867	ug/l	98
36) 1,1-Dichloropropene	8.371	75	243421	113.623	ug/l	100
37) Ethyl Acetate	7.559	43	250127	101.201	ug/l	100
38) Carbon Tetrachloride	8.359	117	275109	106.208	ug/l	97
39) Methylcyclohexane	9.600	83	272682	122.315	ug/l	96
40) Benzene	8.600	78	723096	108.494	ug/l	99

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	140799	111.781	ug/l	98
42) 1,2-Dichloroethane	8.671	62	271246	106.846	ug/l	100
43) Isopropyl Acetate	8.683	43	445560	98.577	ug/l	99
44) Trichloroethene	9.347	130	160437	108.123	ug/l	100
45) 1,2-Dichloropropane	9.618	63	177783	107.734	ug/l	95
46) Dibromomethane	9.706	93	127276	108.042	ug/l	99
47) Bromodichloromethane	9.888	83	276180	109.425	ug/l	99
48) Methyl methacrylate	9.677	41	212686	114.790	ug/l	99
49) 1,4-Dioxane	9.694	88	60135	2058.510	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	1293909	544.828	ug/l	99
52) Toluene	10.630	92	455835	113.746	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	295735	120.209	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	302770	115.753	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	163965	109.268	ug/l	98
56) Ethyl methacrylate	10.871	69	295118	101.047	ug/l	99
57) 1,3-Dichloropropane	11.159	76	292297	110.674	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	711429	508.718	ug/l	100
59) 2-Hexanone	11.194	43	950121	561.236	ug/l	100
60) Dibromochloromethane	11.359	129	200867	112.947	ug/l	99
61) 1,2-Dibromoethane	11.471	107	168121	108.774	ug/l	98
64) Tetrachloroethene	11.106	164	139187	104.604	ug/l	98
65) Chlorobenzene	11.888	112	475067	106.880	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	169624	109.383	ug/l	97
67) Ethyl Benzene	11.959	91	894979	117.473	ug/l	100
68) m/p-Xylenes	12.071	106	665022	233.390	ug/l	99
69) o-Xylene	12.394	106	322554	120.433	ug/l	99
70) Styrene	12.412	104	559256	125.079	ug/l	99
71) Bromoform	12.576	173	135696	111.633	ug/l #	98
73) Isopropylbenzene	12.694	105	840297	115.905	ug/l	99
74) N-amyl acetate	12.494	43	419855	115.949	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	246135	95.286	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	204020m	93.049	ug/l	
77) Bromobenzene	12.976	156	192007	100.869	ug/l	100
78) n-propylbenzene	13.035	91	1031914	116.058	ug/l	100
79) 2-Chlorotoluene	13.123	91	609507	107.968	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	709159	117.272	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	99248	110.007	ug/l	96
82) 4-Chlorotoluene	13.218	91	631208	110.493	ug/l	99
83) tert-Butylbenzene	13.435	119	582784	113.640	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	719106	116.337	ug/l	100
85) sec-Butylbenzene	13.612	105	847632	118.555	ug/l	99
86) p-Isopropyltoluene	13.729	119	710842	100.694	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	366762	104.626	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	358619	98.872	ug/l	99
89) n-Butylbenzene	14.053	91	646693	122.994	ug/l	98
90) Hexachloroethane	14.329	117	138100	105.146	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	342103	104.926	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	51018	102.989	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	179196	107.368	ug/l	98
94) Hexachlorobutadiene	15.500	225	80258	92.524	ug/l	94
95) Naphthalene	15.635	128	596784	107.976	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	170435	102.240	ug/l	98

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Dec 19 05:12:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

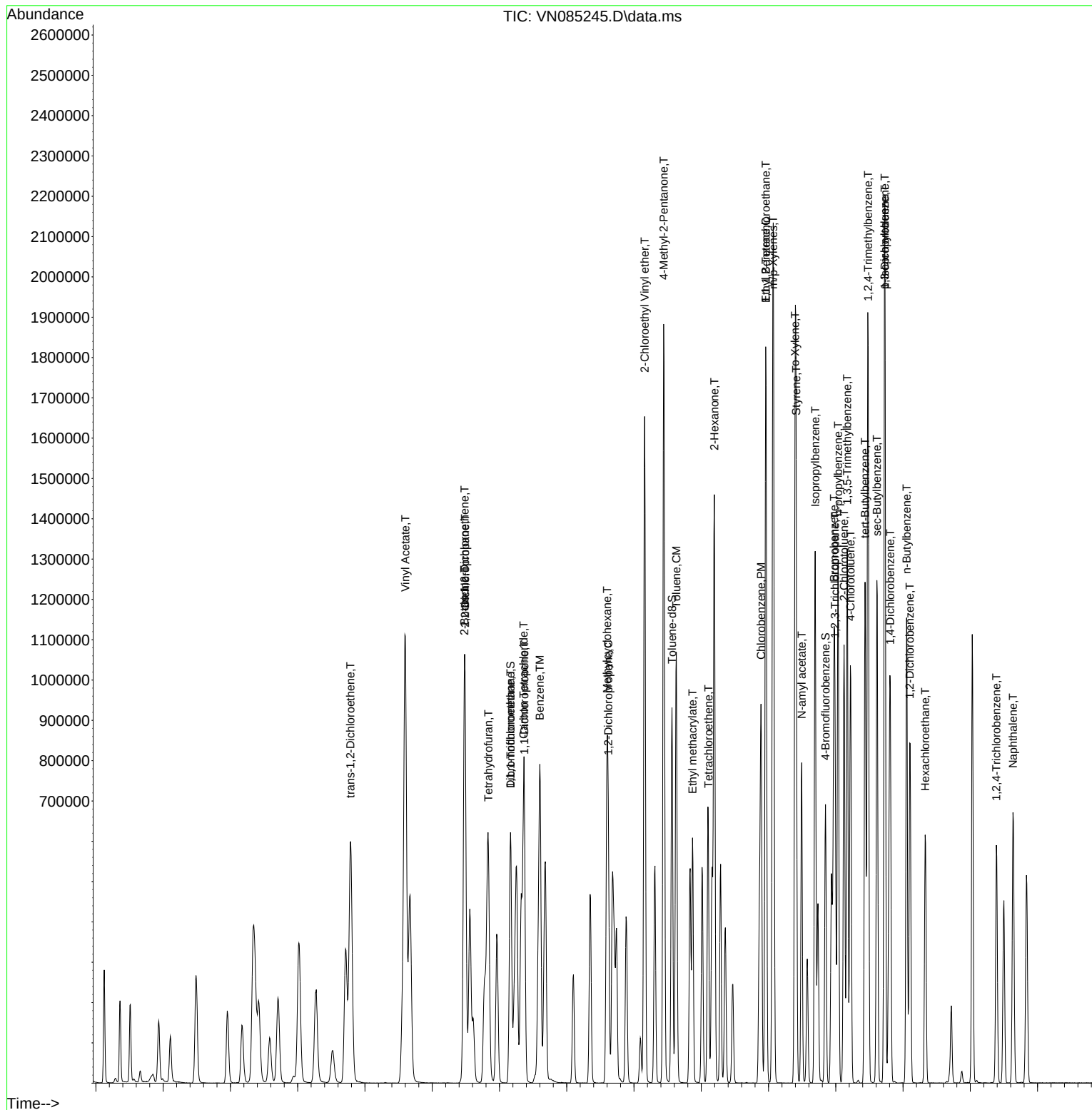
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
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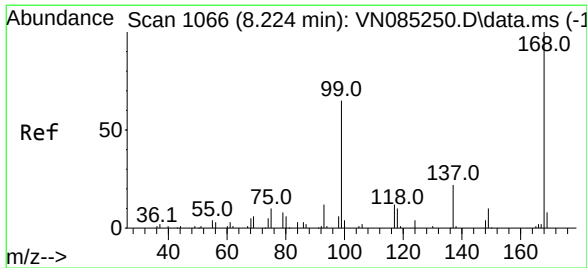
Instrument :
MSVOA_N
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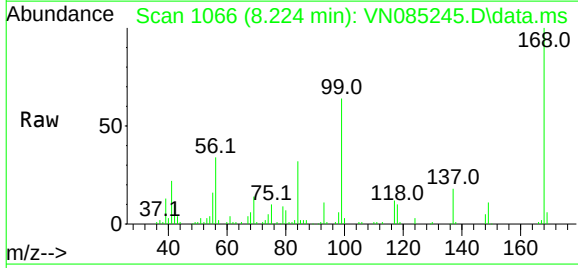
Quant Time: Dec 19 05:17:06 2024
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Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085245.D
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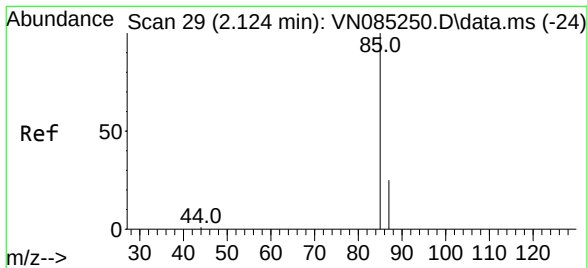
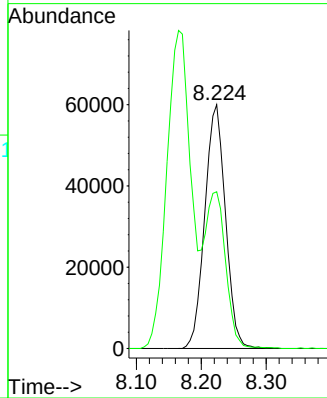
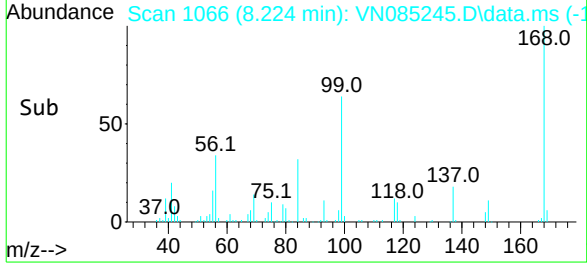
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



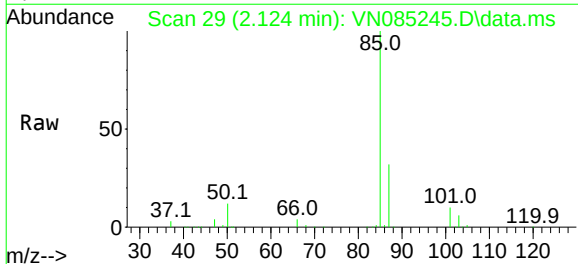
Tgt Ion: 168 Resp: 132793
Ion Ratio Lower Upper
168 100
99 64.0 50.7 76.1

Manual Integrations
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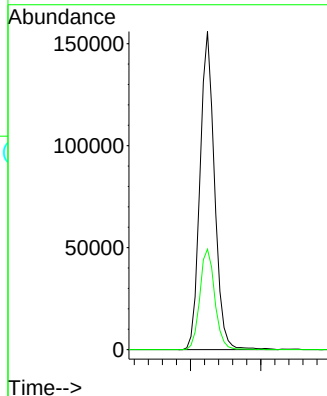
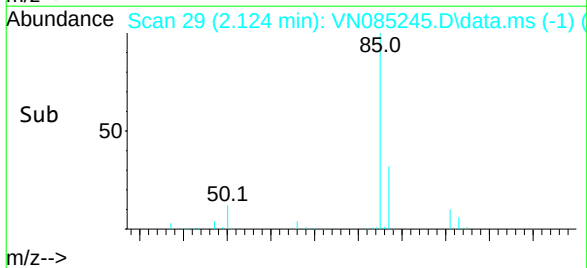
Reviewed By : John Carlone 12/20/2024
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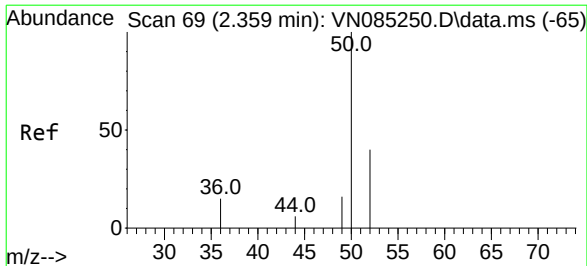


#2
Dichlorodifluoromethane
Concen: 105.738 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56



Tgt Ion: 85 Resp: 223683
Ion Ratio Lower Upper
85 100
87 31.6 17.1 51.3





#3
Chloromethane
Concen: 91.824 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

Instrument :

MSVOA_N

ClientSampleId :

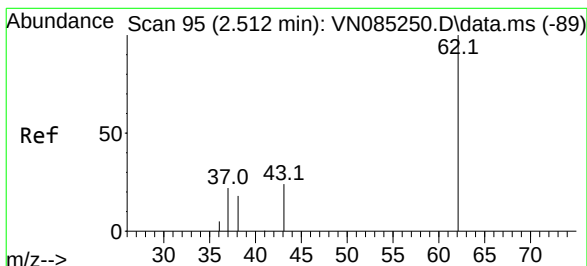
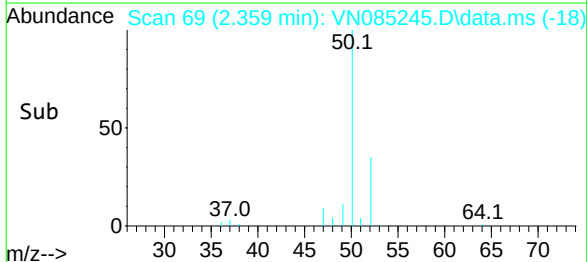
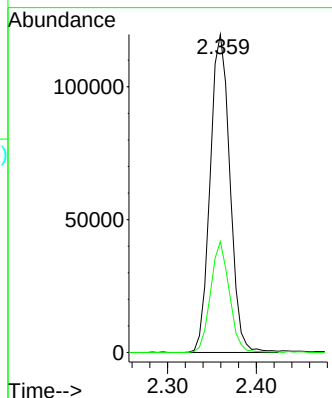
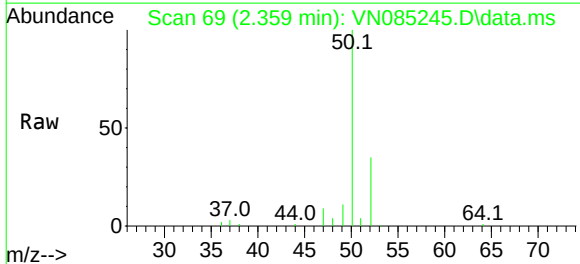
VSTDICC100

Tgt Ion: 50 Resp: 185155
Ion Ratio Lower Upper
50 100
52 34.9 26.2 39.2

Manual Integrations

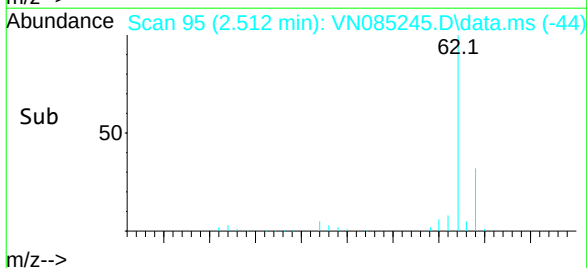
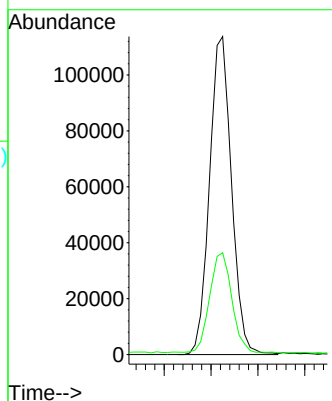
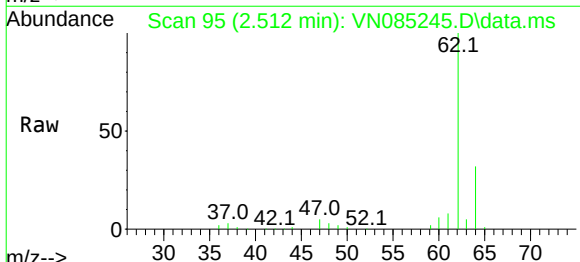
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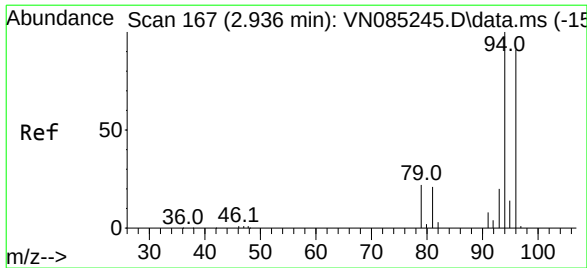
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#4
Vinyl Chloride
Concen: 98.177 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

Tgt Ion: 62 Resp: 185482
Ion Ratio Lower Upper
62 100
64 31.4 24.5 36.7





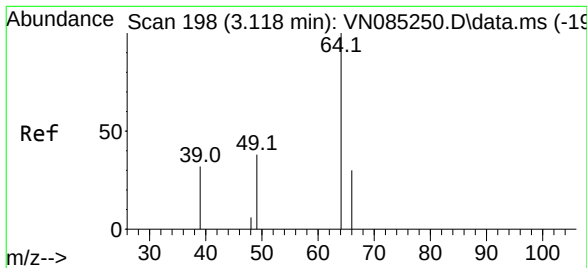
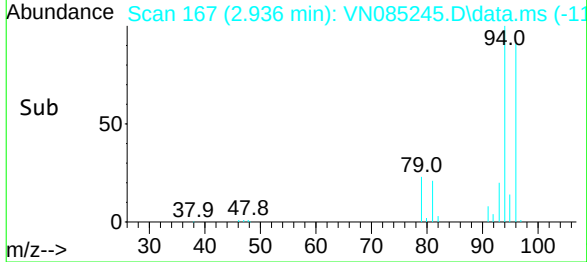
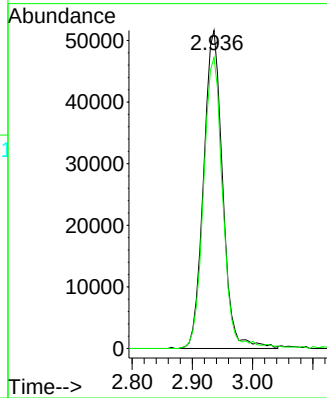
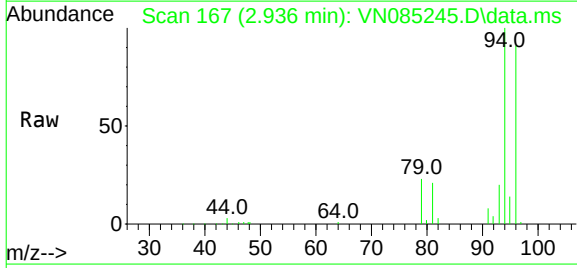
#5
Bromomethane
Concen: 91.664 ug/l
RT: 2.936 min Scan# 16
Delta R.T. -0.012 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

Instrument :
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ClientSampleId :
VSTDICC100

Tgt Ion: 94 Resp: 113603
Ion Ratio Lower Upper
94 100
96 91.5 76.8 115.2

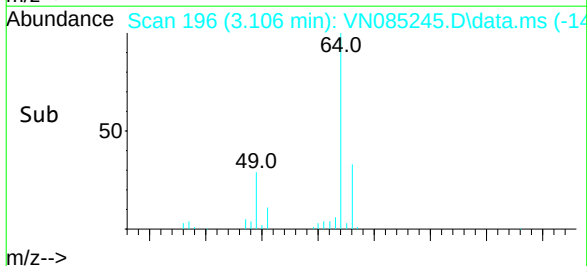
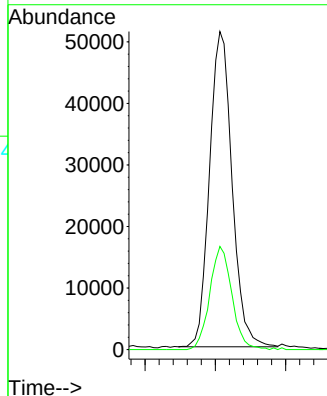
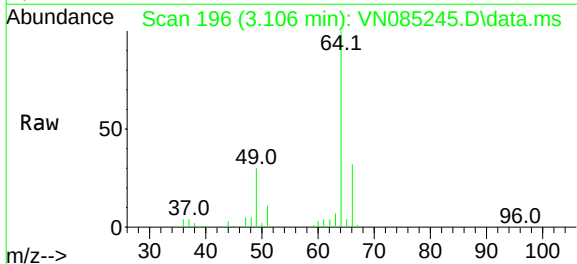
Manual Integrations
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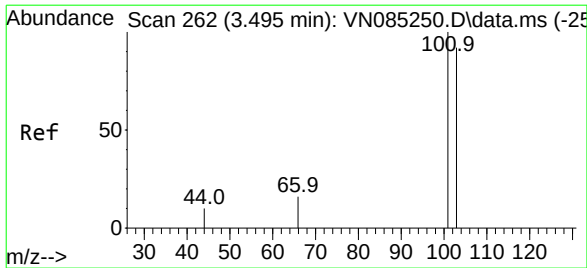
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#6
Chloroethane
Concen: 98.985 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.006 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

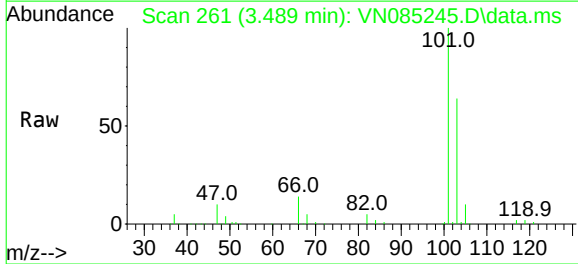
Tgt Ion: 64 Resp: 114090
Ion Ratio Lower Upper
64 100
66 32.7 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 95.808 ug/l
 RT: 3.489 min Scan# 26
 Delta R.T. -0.006 min
 Lab File: VN085245.D
 Acq: 18 Dec 2024 11:56

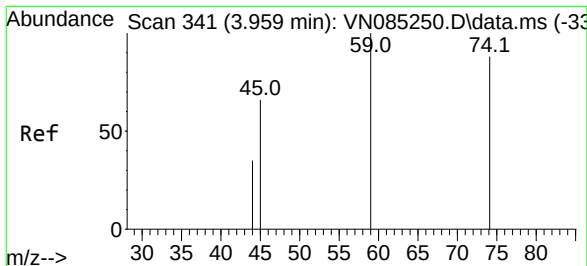
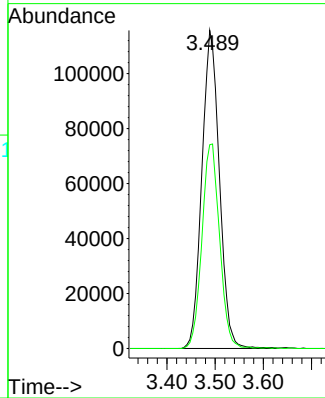
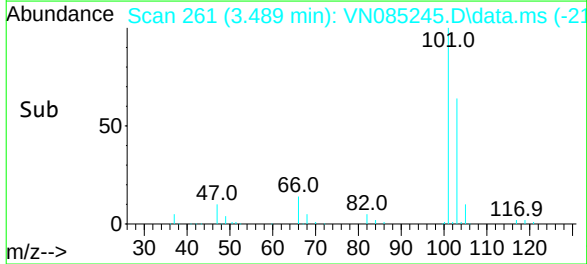
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100



Tgt Ion: 101 Resp: 292297
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.2 75.4

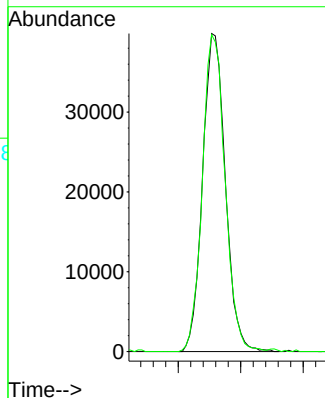
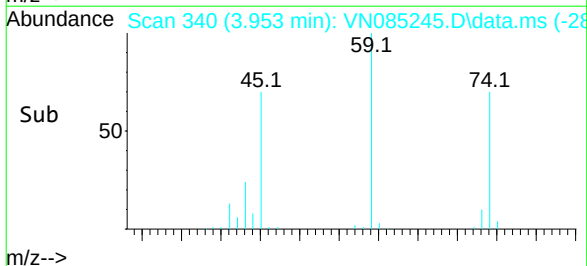
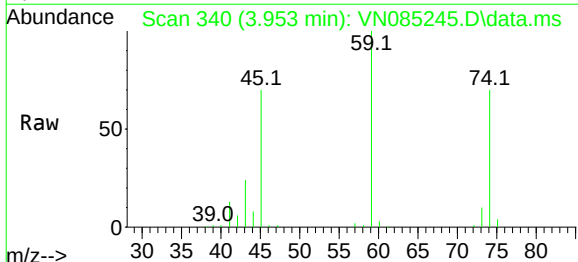
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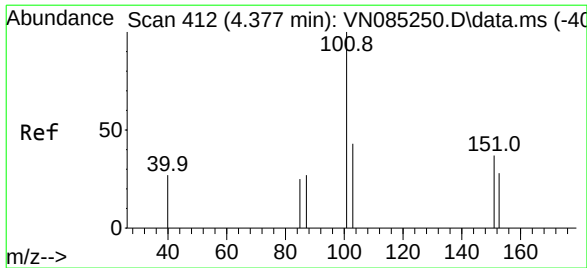
Reviewed By : John Carlone 12/20/2024
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#8
 Diethyl Ether
 Concen: 104.885 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.000 min
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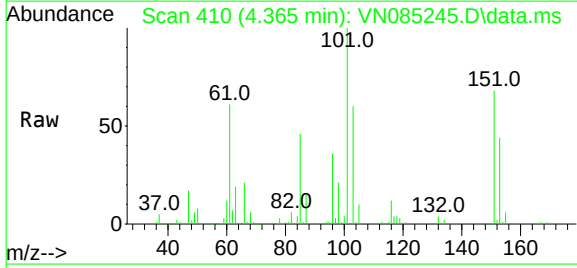
Tgt Ion: 74 Resp: 100508
 Ion Ratio Lower Upper
 74 100
 45 99.9 50.0 150.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 101.922 ug/l
RT: 4.365 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

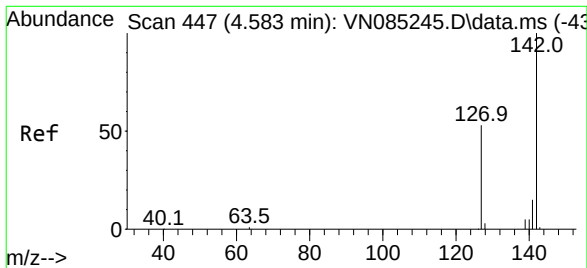
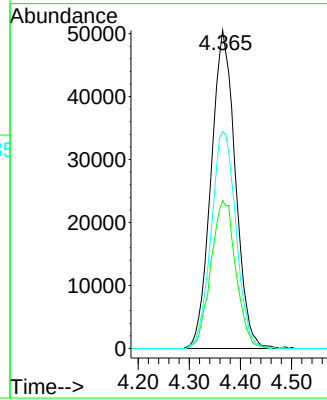
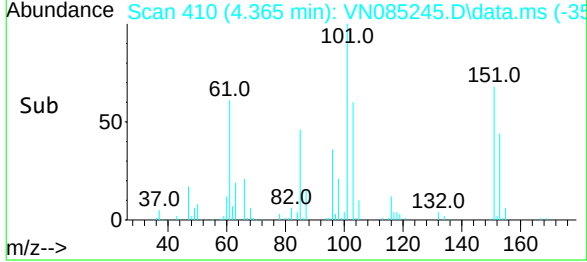
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



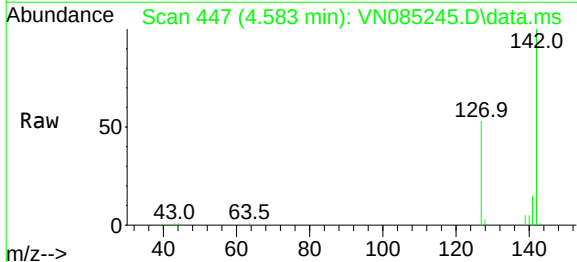
Tgt Ion:101 Resp: 166774
Ion Ratio Lower Upper
101 100
85 47.8 39.0 58.4
151 69.8 58.6 87.8

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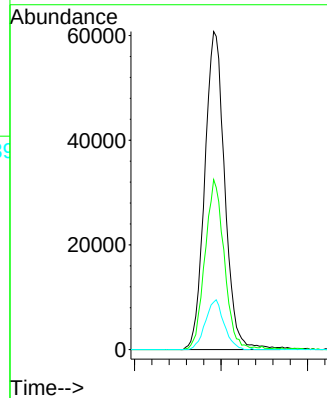
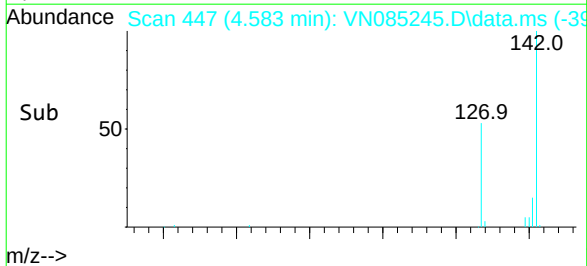
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

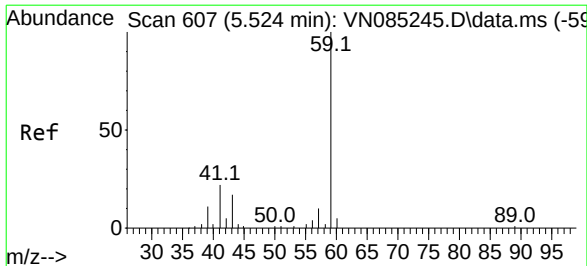


#10
Methyl Iodide
Concen: 104.680 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56



Tgt Ion:142 Resp: 195301
Ion Ratio Lower Upper
142 100
127 53.4 42.5 63.7
141 14.9 10.2 15.4





#11

Tert butyl alcohol

Concen: 453.197 ug/l

RT: 5.524 min Scan# 607

Delta R.T. 0.006 min

Lab File: VN085245.D

Acq: 18 Dec 2024 11:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 59 Resp: 146115

Ion Ratio Lower Upper

59 100

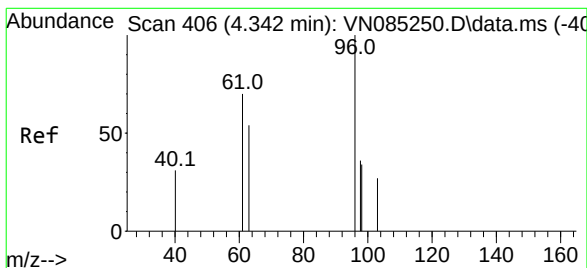
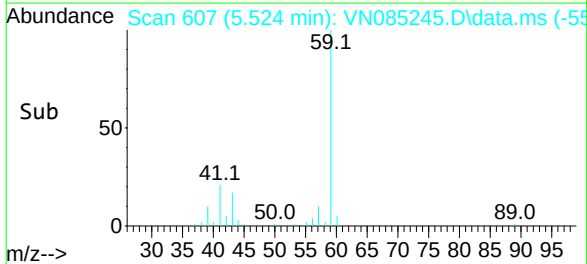
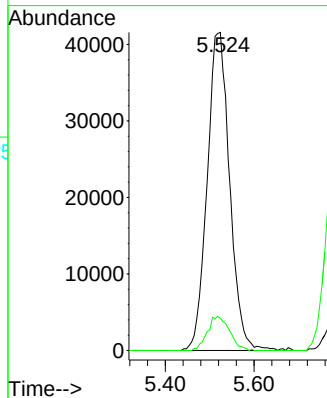
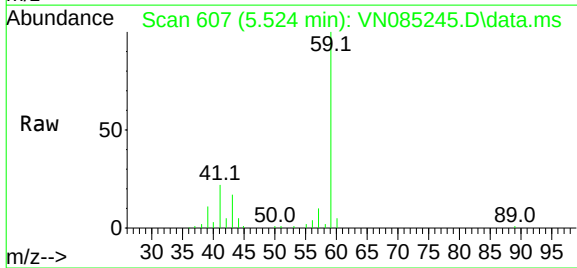
57 10.5 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#12

1,1-Dichloroethene

Concen: 102.836 ug/l

RT: 4.336 min Scan# 405

Delta R.T. -0.000 min

Lab File: VN085245.D

Acq: 18 Dec 2024 11:56

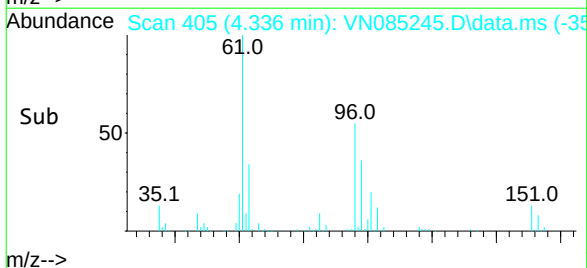
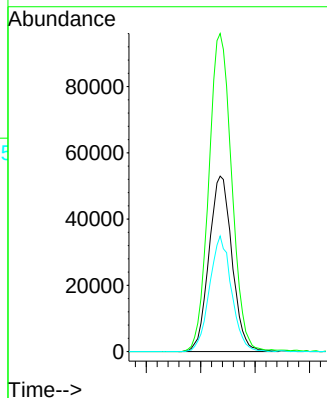
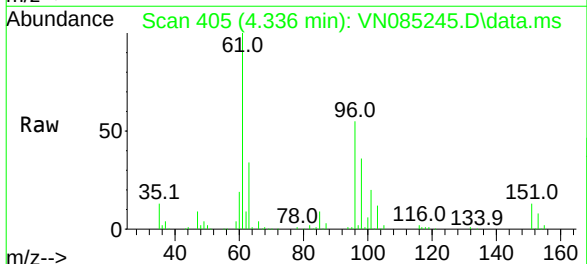
Tgt Ion: 96 Resp: 155868

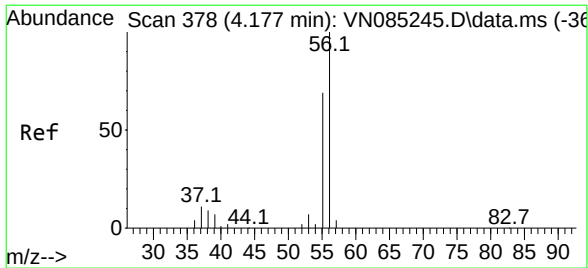
Ion Ratio Lower Upper

96 100

61 181.3 151.6 227.4

98 65.9 51.9 77.9





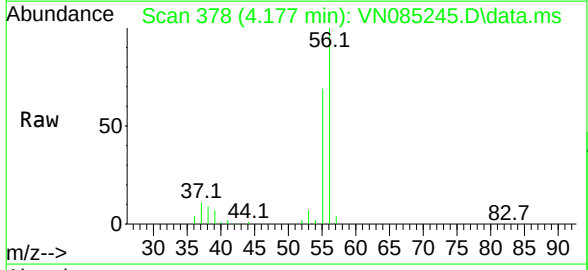
#13
 Acrolein
 Concen: 483.889 ug/l
 RT: 4.177 min Scan# 378
 Delta R.T. -0.000 min
 Lab File: VN085245.D
 Acq: 18 Dec 2024 11:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

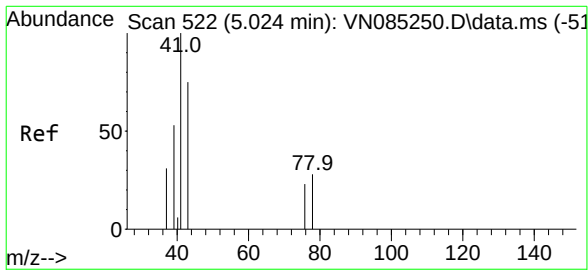
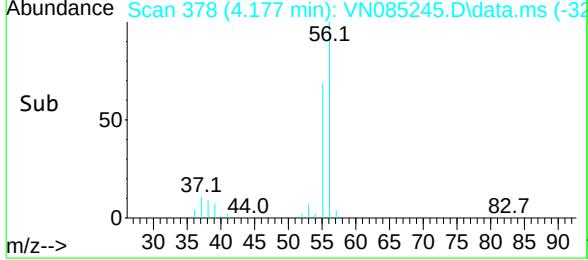
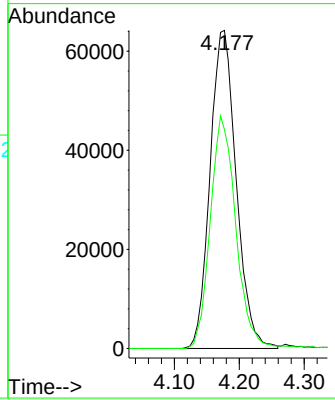


Tgt Ion: 56 Resp: 179663
 Ion Ratio Lower Upper
 56 100
 55 71.7 59.0 88.6

Manual Integrations

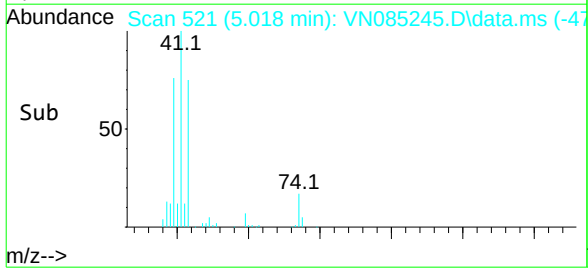
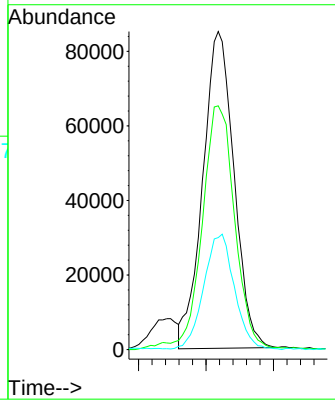
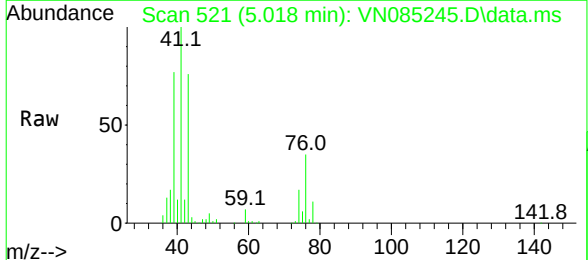
APPROVED

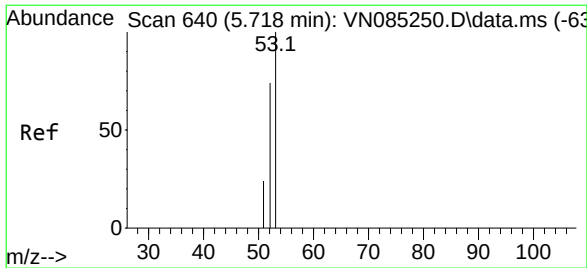
Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#14
 Allyl chloride
 Concen: 103.792 ug/l
 RT: 5.018 min Scan# 521
 Delta R.T. -0.000 min
 Lab File: VN085245.D
 Acq: 18 Dec 2024 11:56

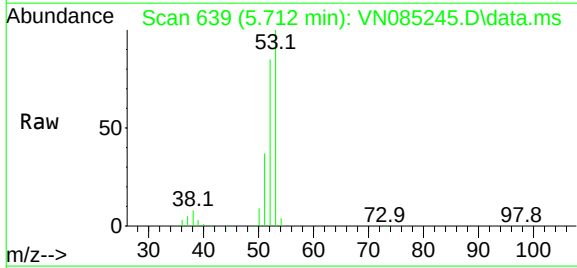
Tgt Ion: 41 Resp: 273080
 Ion Ratio Lower Upper
 41 100
 39 80.8 66.7 100.1
 76 35.9 29.4 44.2





#15
Acrylonitrile
Concen: 488.837 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

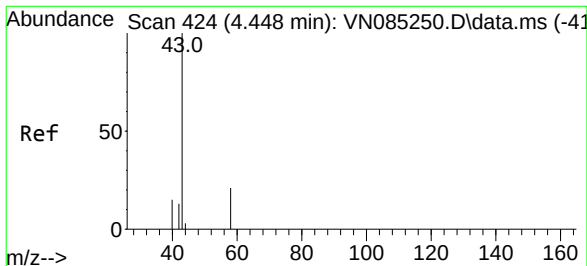
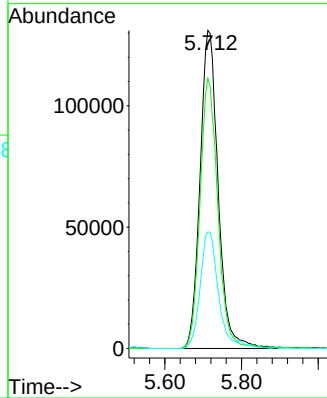
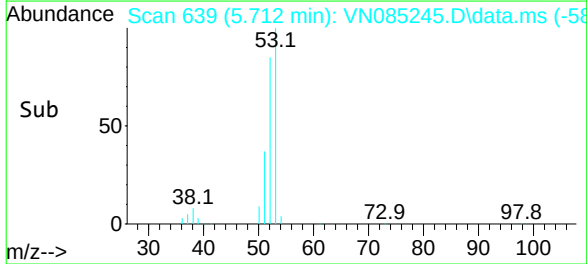
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 429271
Ion Ratio Lower Upper
53 100
52 83.3 66.3 99.5
51 36.0 28.2 42.2

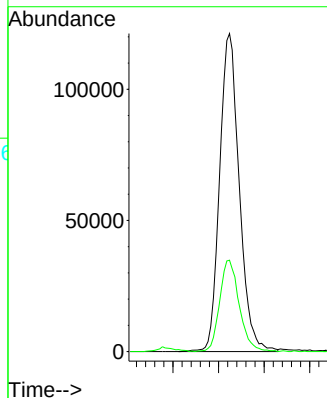
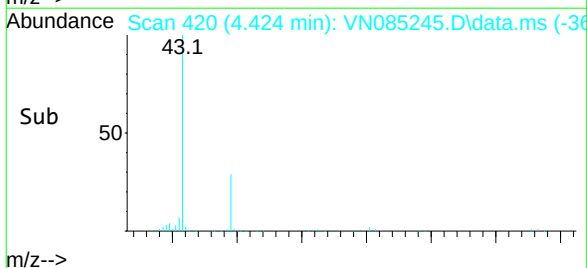
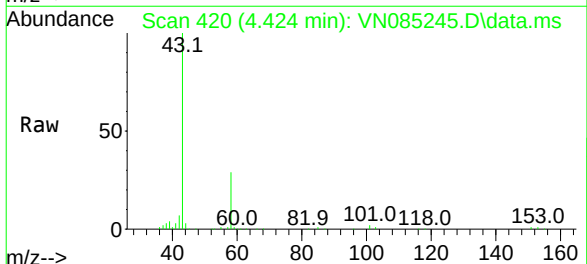
Manual Integrations
APPROVED

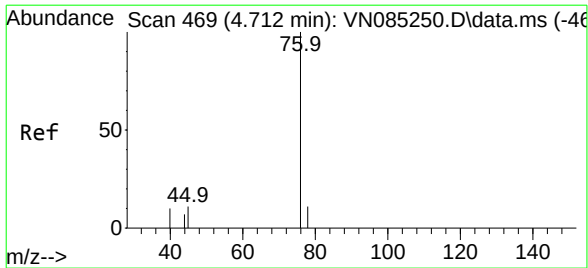
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#16
Acetone
Concen: 452.555 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

Tgt Ion: 43 Resp: 362573
Ion Ratio Lower Upper
43 100
58 28.7 20.8 31.2





#17
Carbon Disulfide
Concen: 92.463 ug/l
RT: 4.706 min Scan# 46
Delta R.T. -0.006 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

Instrument :

MSVOA_N

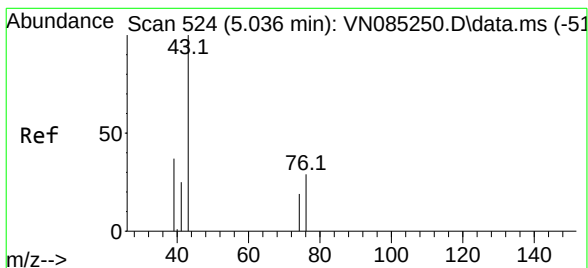
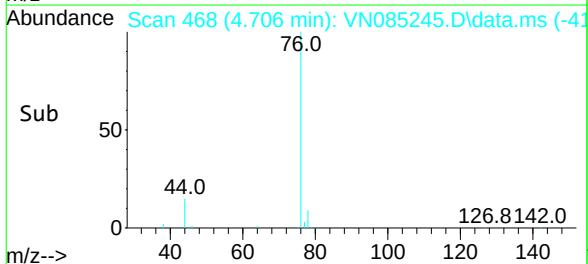
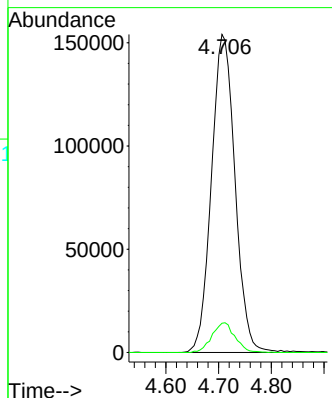
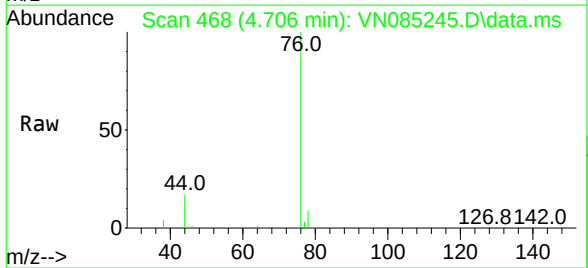
ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 478256
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2

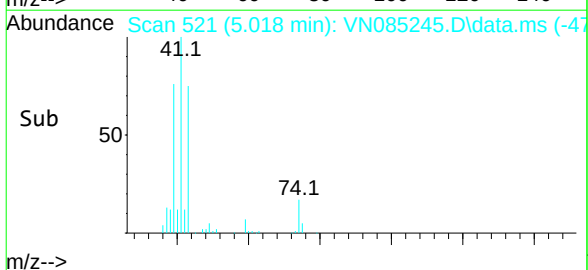
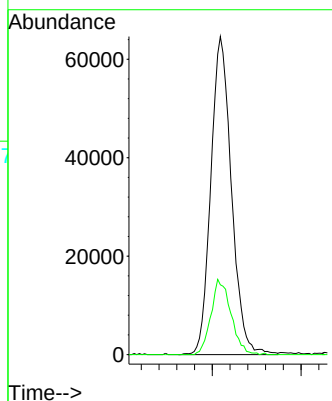
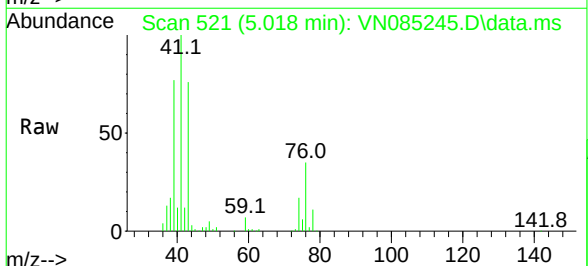
Manual Integrations
APPROVED

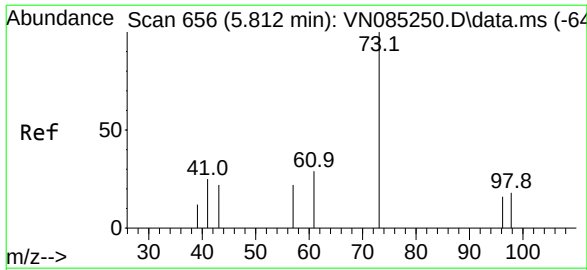
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#18
Methyl Acetate
Concen: 91.848 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

Tgt Ion: 43 Resp: 208325
Ion Ratio Lower Upper
43 100
74 22.9 17.5 26.3





#19

Methyl tert-butyl Ether

Concen: 107.088 ug/l

RT: 5.795 min Scan# 65

Delta R.T. -0.000 min

Lab File: VN085245.D

Acq: 18 Dec 2024 11:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 73 Resp: 556328

Ion Ratio Lower Upper

73 100

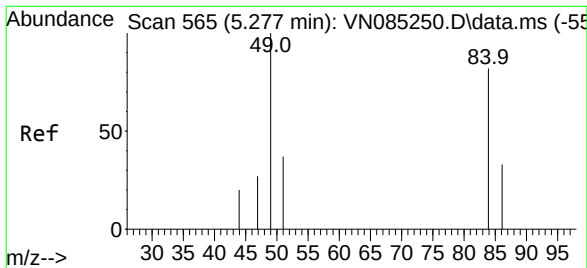
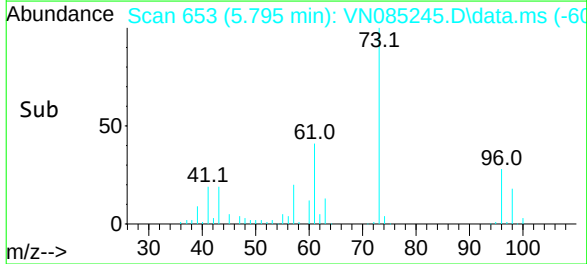
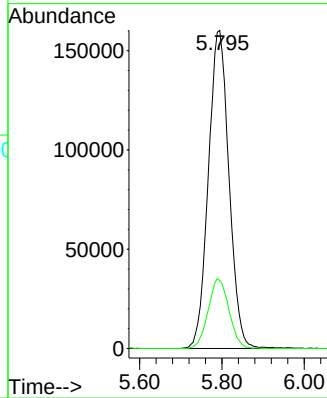
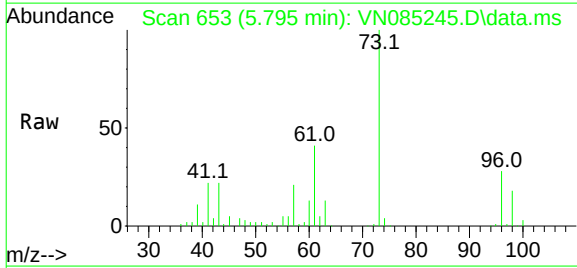
57 21.3 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#20

Methylene Chloride

Concen: 98.070 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.006 min

Lab File: VN085245.D

Acq: 18 Dec 2024 11:56

Tgt Ion: 84 Resp: 171870

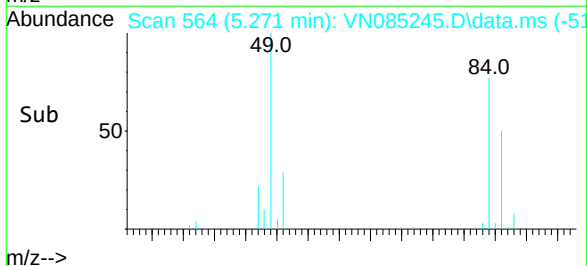
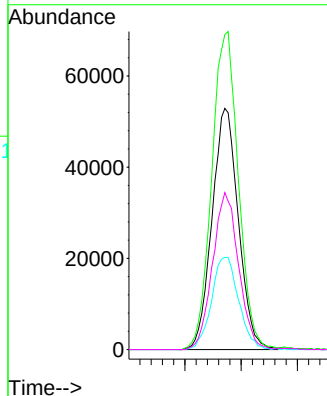
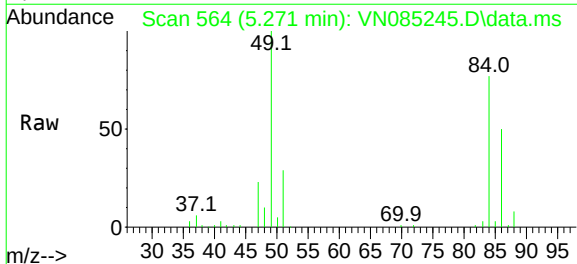
Ion Ratio Lower Upper

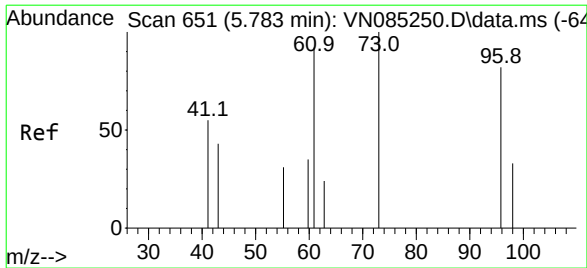
84 100

49 130.7 103.6 155.4

51 38.3 34.2 51.2

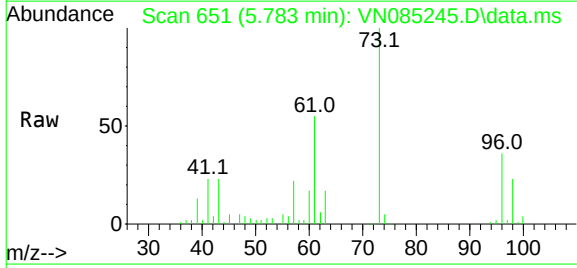
86 65.1 48.9 73.3





#21
trans-1,2-Dichloroethene
Concen: 98.924 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

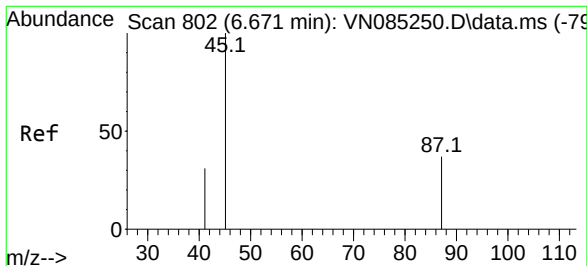
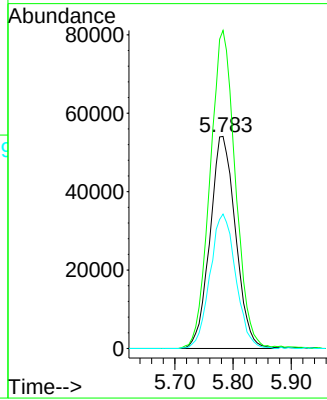
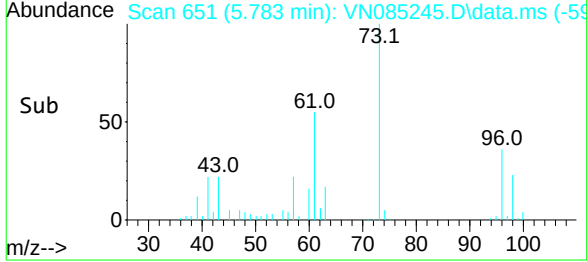
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 165308
Ion Ratio Lower Upper
96 100
61 150.0 122.0 183.0
98 63.4 54.3 81.5

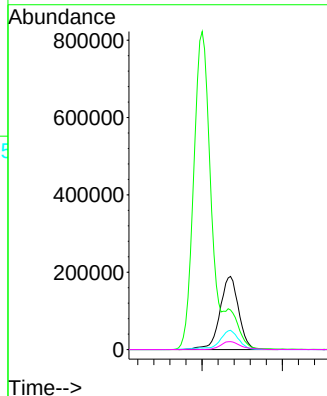
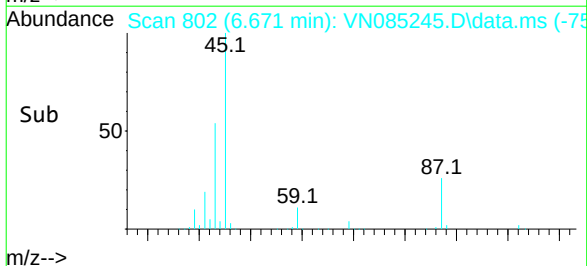
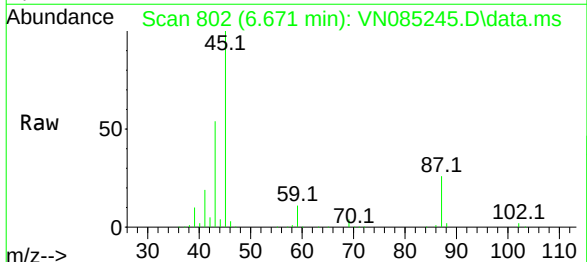
Manual Integrations
APPROVED

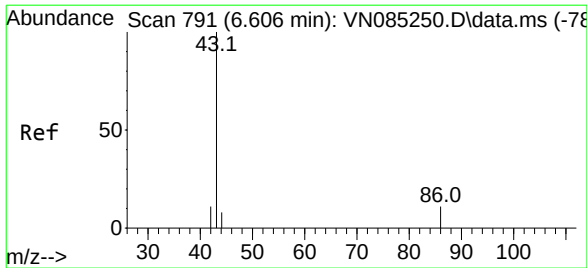
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#22
Diisopropyl ether
Concen: 109.283 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

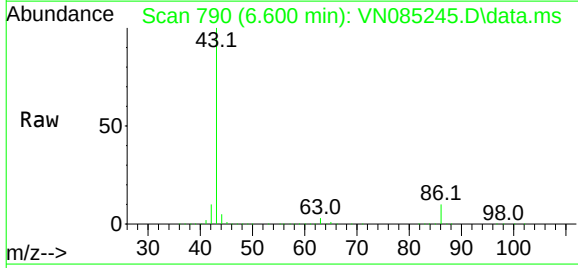
Tgt Ion: 45 Resp: 611946
Ion Ratio Lower Upper
45 100
43 53.5 43.8 65.6
87 26.4 21.2 31.8
59 10.8 8.6 13.0





#23
 Vinyl Acetate
 Concen: 562.326 ug/l
 RT: 6.600 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: VN085245.D
 Acq: 18 Dec 2024 11:56

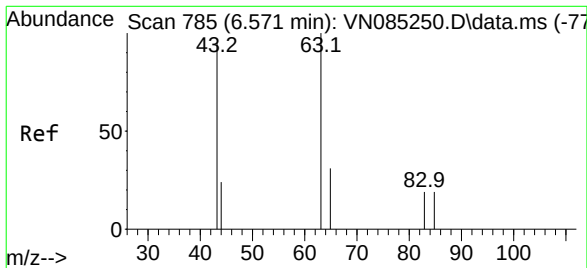
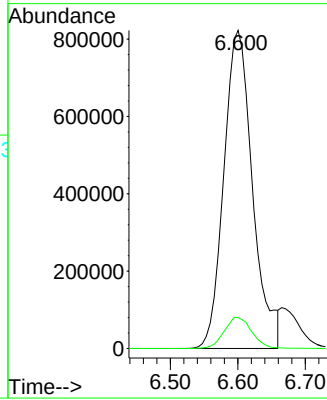
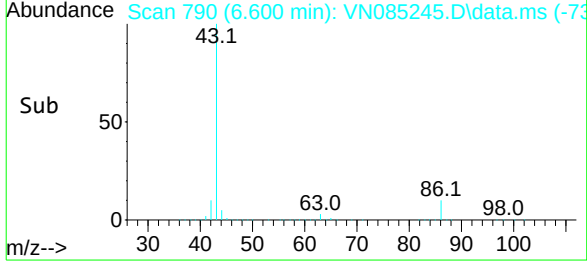
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



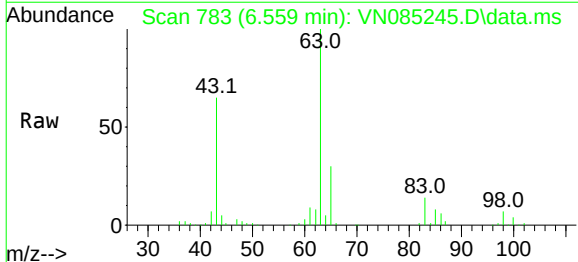
Tgt Ion: 43 Resp: 2433128
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8

Manual Integrations
 APPROVED

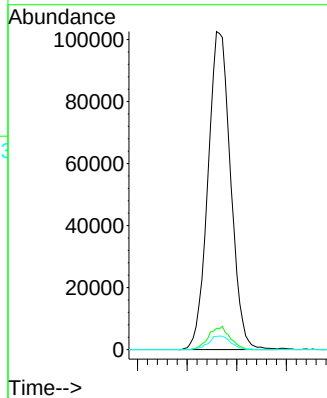
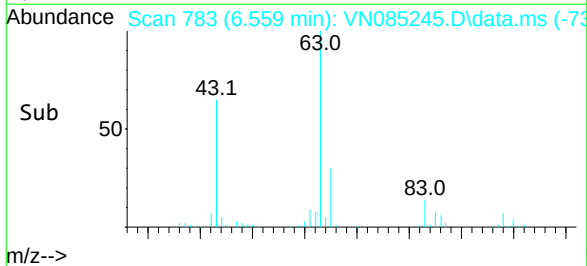
Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024

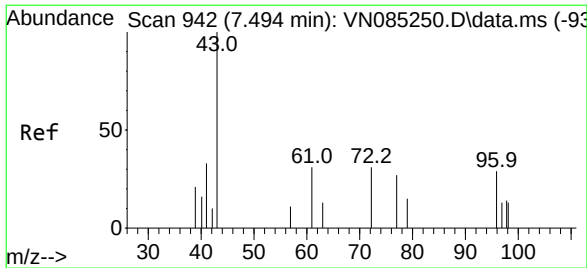


#24
 1,1-Dichloroethane
 Concen: 100.286 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.006 min
 Lab File: VN085245.D
 Acq: 18 Dec 2024 11:56



Tgt Ion: 63 Resp: 325296
 Ion Ratio Lower Upper
 63 100
 98 6.7 2.9 8.6
 100 4.2 2.1 6.5





#25

2-Butanone

Concen: 491.528 ug/l

RT: 7.477 min Scan# 93

Delta R.T. -0.006 min

Lab File: VN085245.D

Acq: 18 Dec 2024 11:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 603062

Ion Ratio Lower Upper

43 100

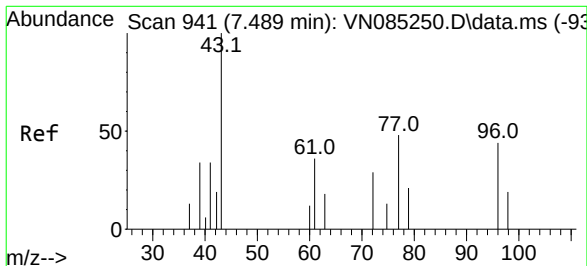
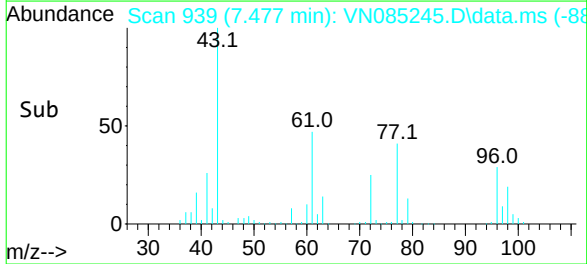
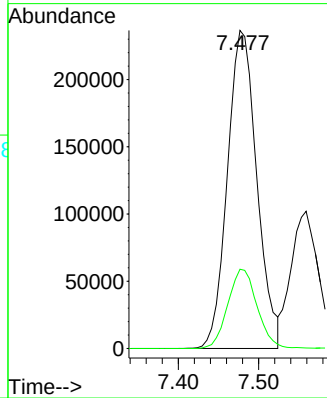
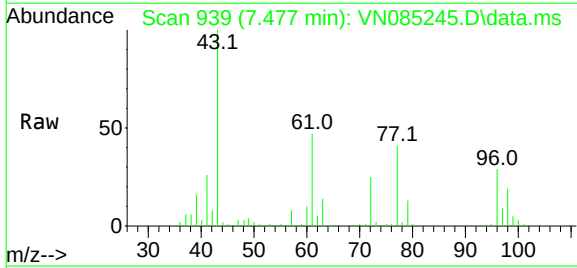
72 24.9 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#26

2,2-Dichloropropane

Concen: 101.918 ug/l

RT: 7.489 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN085245.D

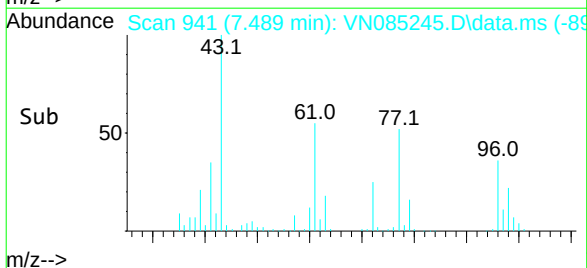
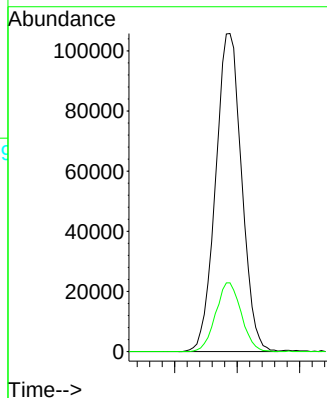
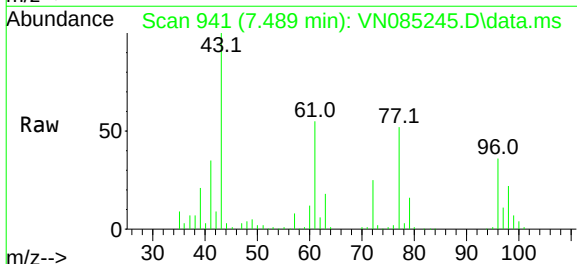
Acq: 18 Dec 2024 11:56

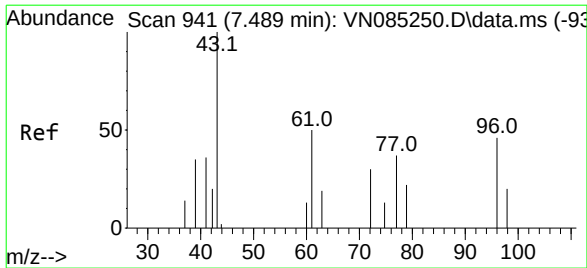
Tgt Ion: 77 Resp: 306120

Ion Ratio Lower Upper

77 100

97 21.2 10.5 31.6





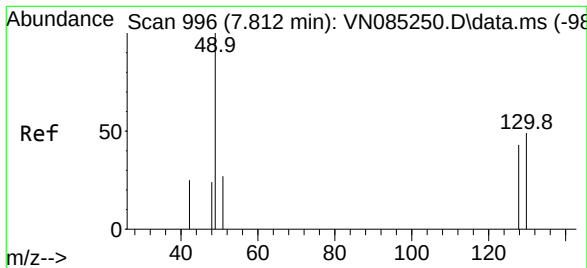
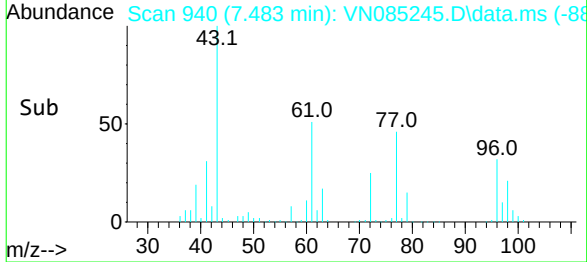
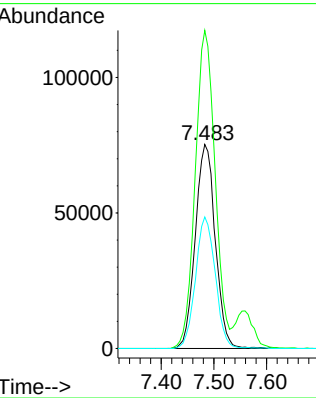
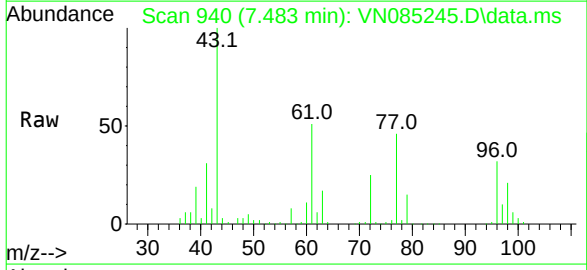
#27
cis-1,2-Dichloroethene
Concen: 102.187 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 198818
Ion Ratio Lower Upper
96 100
61 154.3 0.0 316.4
98 63.8 0.0 125.4

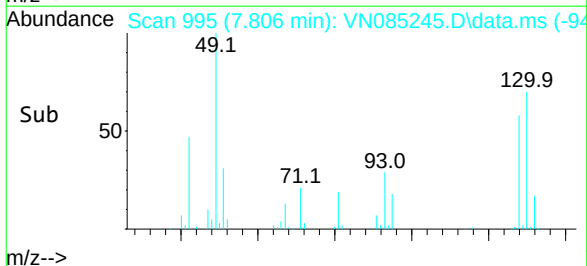
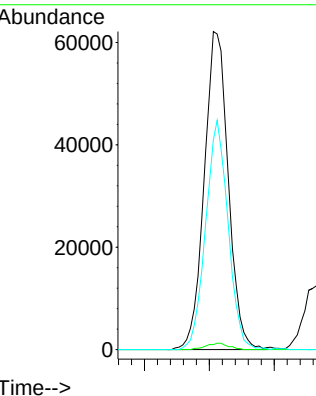
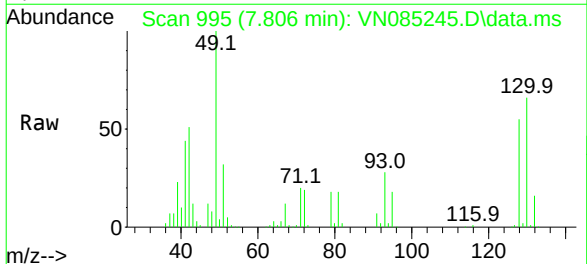
Manual Integrations
APPROVED

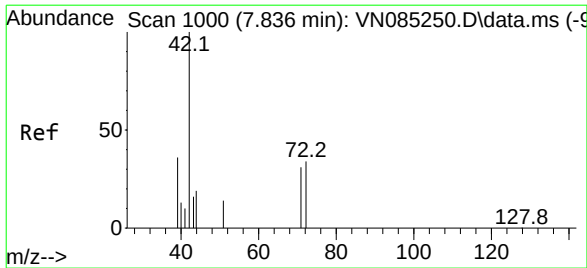
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#28
Bromochloromethane
Concen: 97.592 ug/l
RT: 7.806 min Scan# 995
Delta R.T. -0.006 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

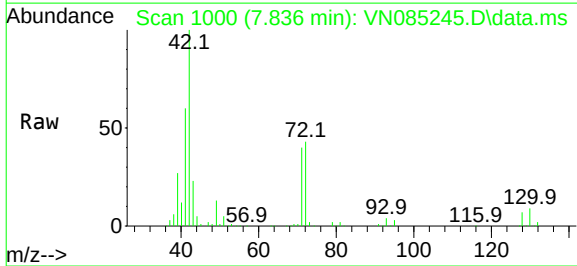
Tgt Ion: 49 Resp: 159647
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.4
130 67.3 54.1 81.1





#29
Tetrahydrofuran
Concen: 505.120 ug/l
RT: 7.836 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

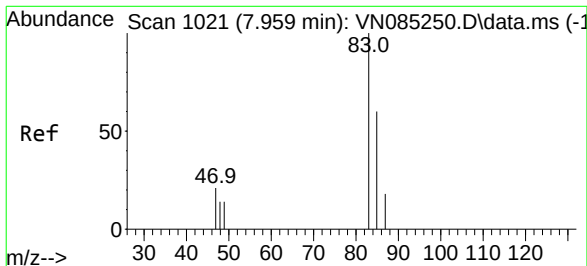
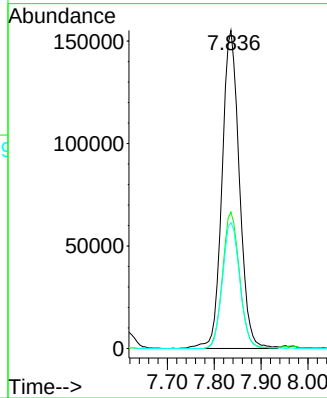
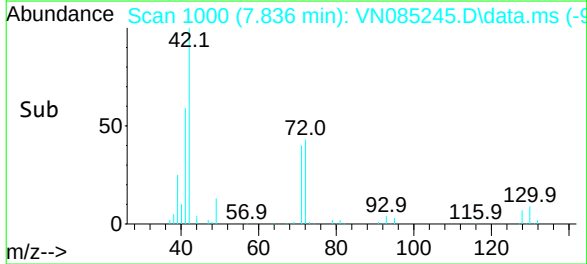
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:	42	Resp:	399494
Ion	Ratio	Lower	Upper
42	100		
72	41.9	32.7	49.1
71	39.6	31.4	47.2

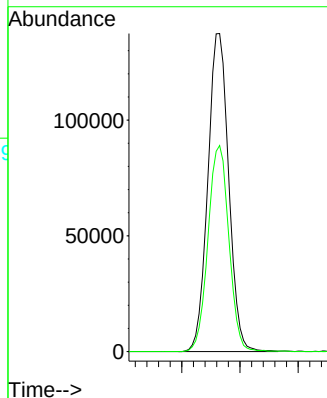
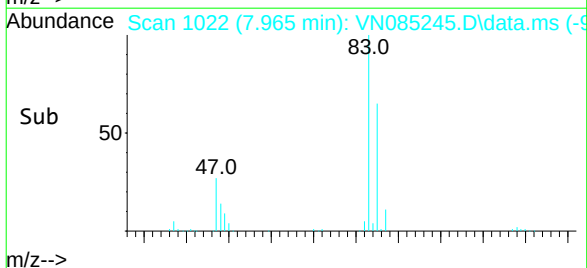
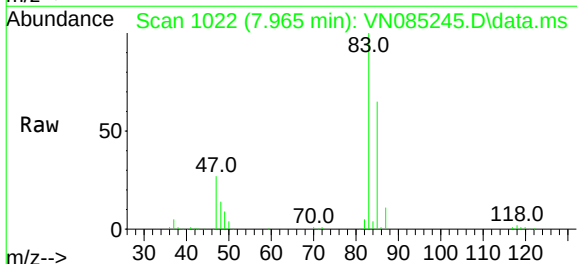
Manual Integrations
APPROVED

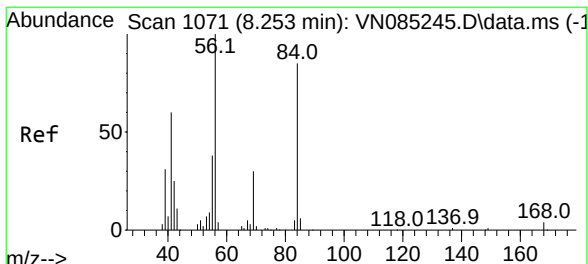
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#30
Chloroform
Concen: 98.751 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

Tgt Ion:	83	Resp:	342072
Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.4	77.0



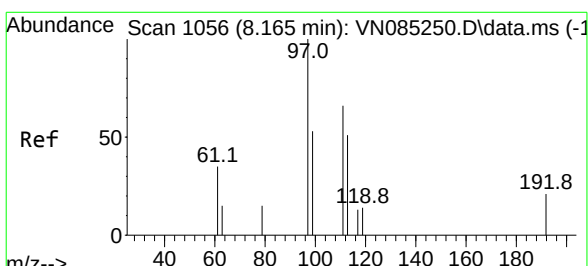
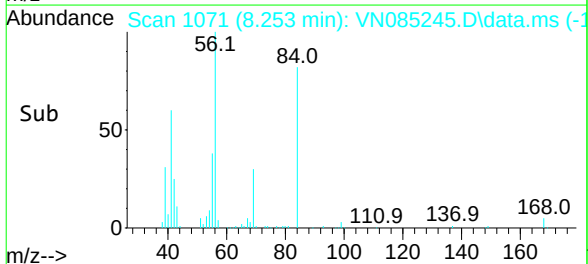
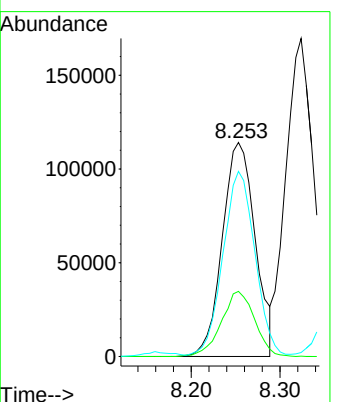
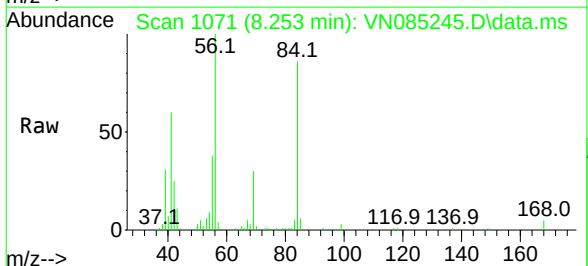


#31
Cyclohexane
Concen: 97.753 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

Instrument : MSVOA_N
ClientSampleId : VSTDIC100

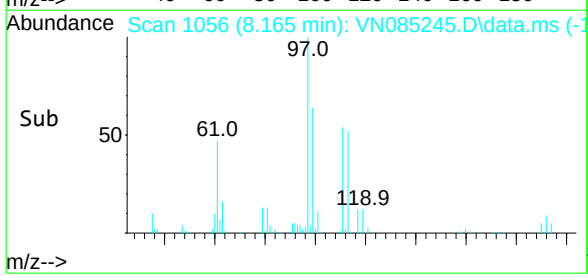
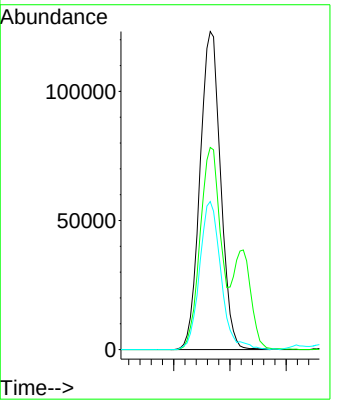
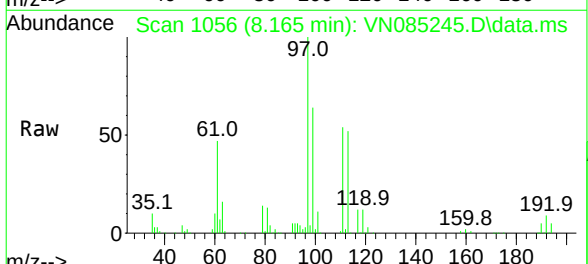
Tgt Ion:	56	Resp:	293535
Ion	Ratio	Lower	Upper
56	100		
69	30.4	23.6	35.4
84	85.1	66.6	99.8

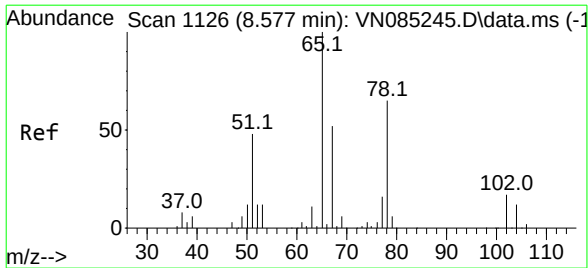
Manual Integrations
APPROVED
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#32
1,1,1-Trichloroethane
Concen: 101.867 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

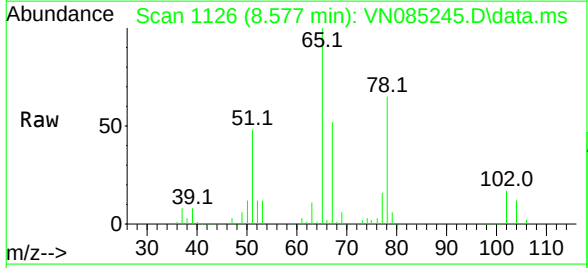
Tgt Ion:	97	Resp:	314505
Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.4	77.0
61	48.2	40.4	60.6





#33
 1,2-Dichloroethane-d4
 Concen: 95.819 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN085245.D
 Acq: 18 Dec 2024 11:56

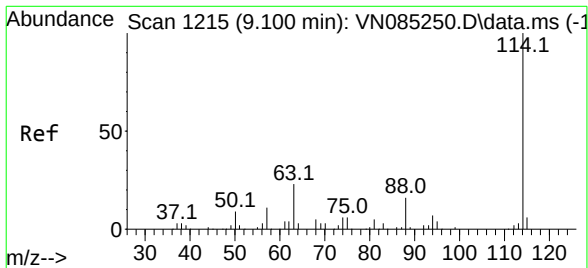
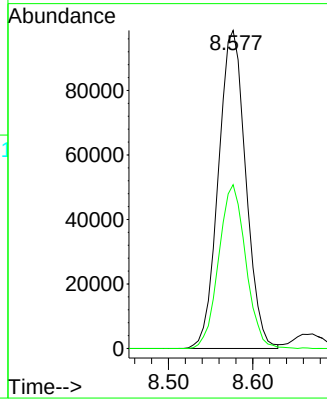
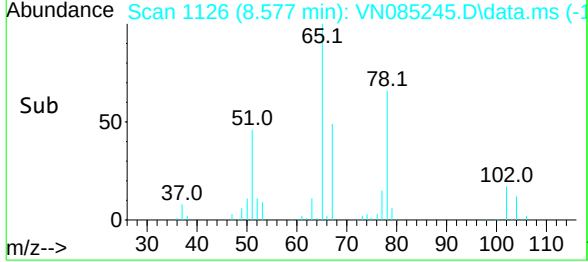
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 65 Resp: 222397
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.2

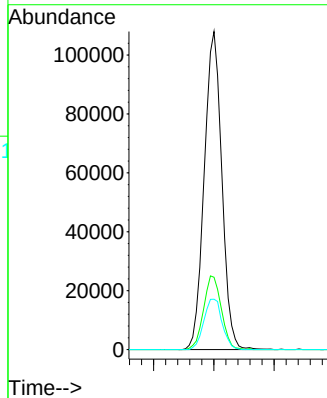
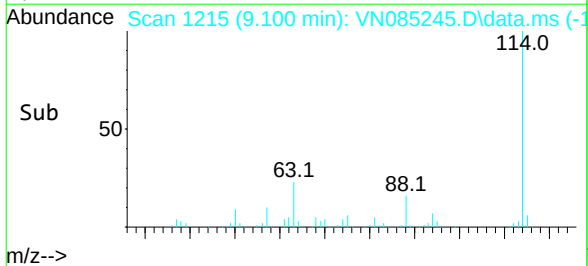
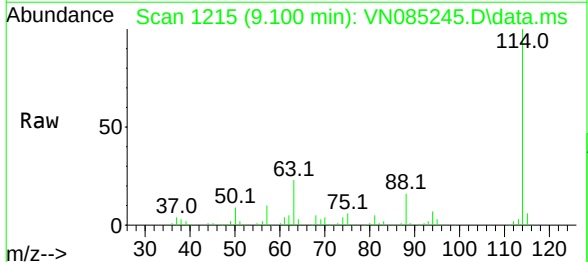
Manual Integrations
 APPROVED

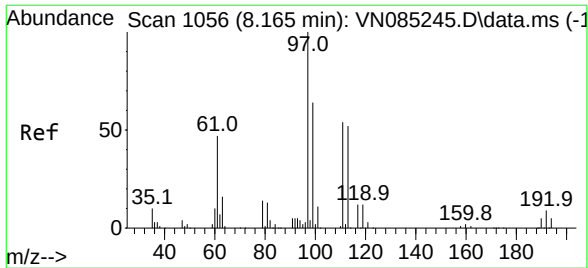
Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN085245.D
 Acq: 18 Dec 2024 11:56

Tgt Ion:114 Resp: 218841
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 46.2
 88 15.8 0.0 32.6





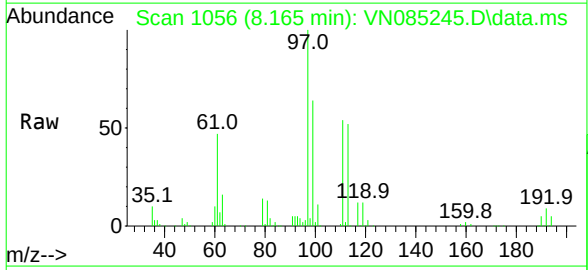
#35
 Dibromofluoromethane
 Concen: 101.898 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN085245.D
 Acq: 18 Dec 2024 11:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100



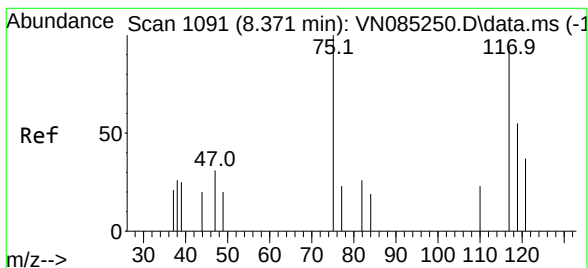
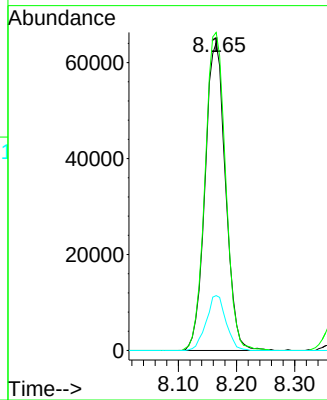
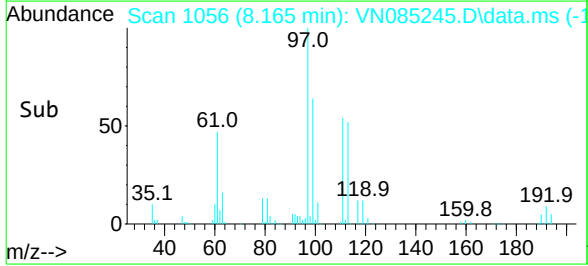
Tgt Ion:	113	Resp:	156776
Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.1	123.1
192	17.2	13.4	20.0

Manual Integrations

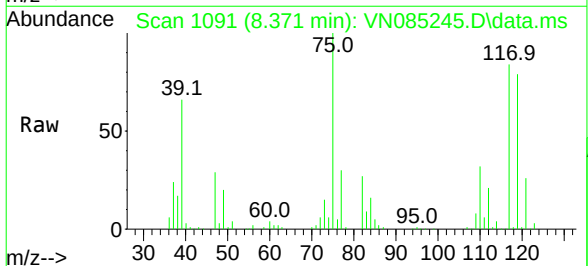
APPROVED

Reviewed By :John Carlone 12/20/2024

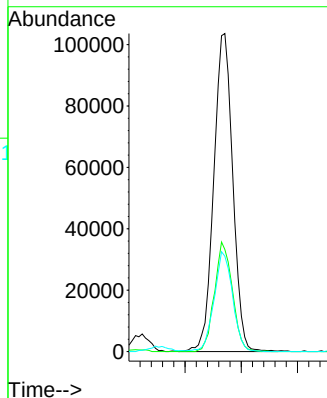
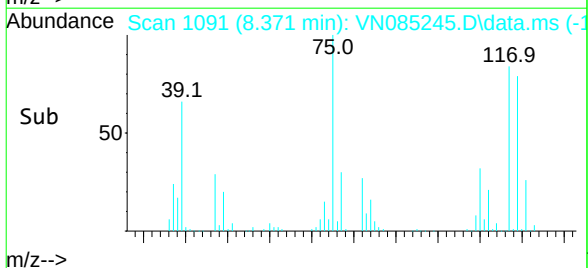
Supervised By :Mahesh Dadoda 12/20/2024

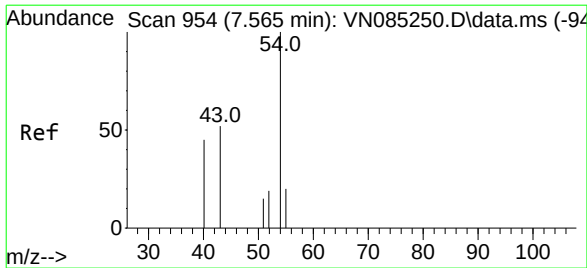


#36
 1,1-Dichloropropene
 Concen: 113.623 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VN085245.D
 Acq: 18 Dec 2024 11:56



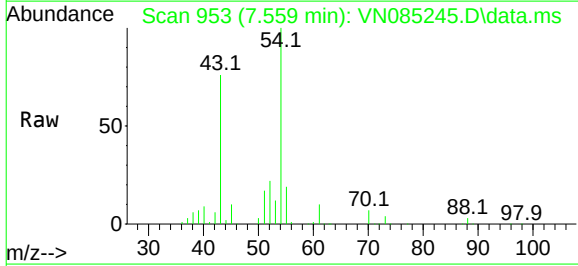
Tgt Ion:	75	Resp:	243421
Ion	Ratio	Lower	Upper
75	100		
110	32.4	16.0	48.0
77	30.6	24.6	36.8





#37
Ethyl Acetate
Concen: 101.201 ug/l
RT: 7.559 min Scan# 954
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

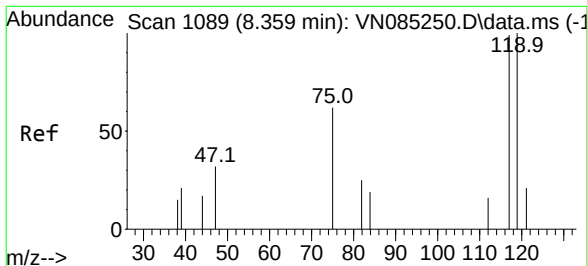
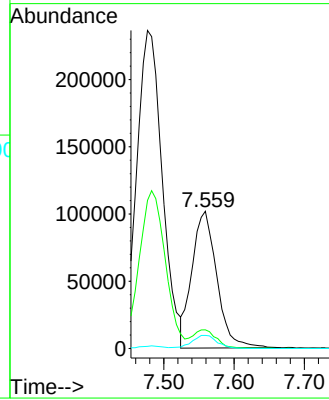
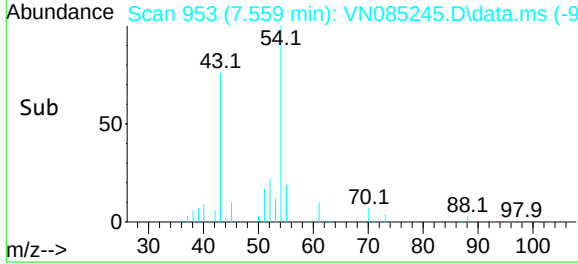
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 250127
Ion Ratio Lower Upper
43 100
61 12.1 9.8 14.6
70 9.6 7.8 11.8

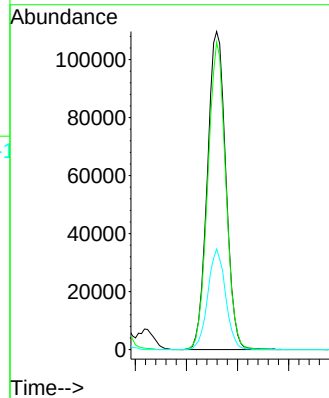
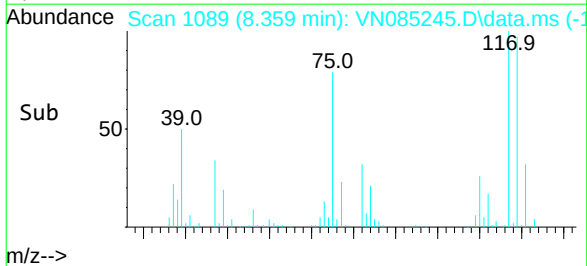
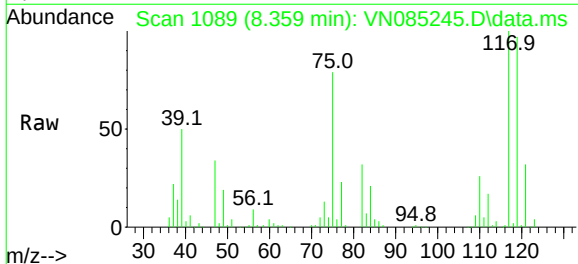
Manual Integrations
APPROVED

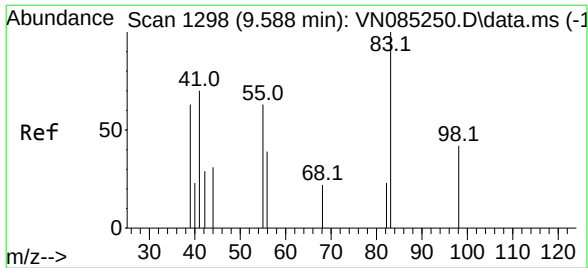
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#38
Carbon Tetrachloride
Concen: 106.208 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

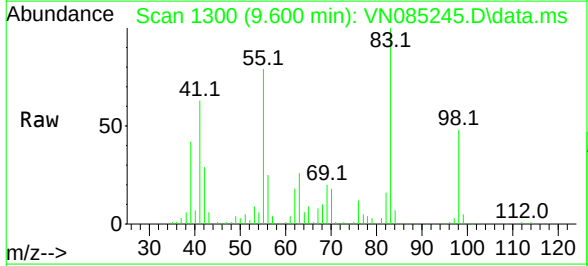
Tgt Ion:117 Resp: 275109
Ion Ratio Lower Upper
117 100
119 96.6 74.8 112.2
121 31.7 24.2 36.4





#39
Methylcyclohexane
Concen: 122.315 ug/l
RT: 9.600 min Scan# 13
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

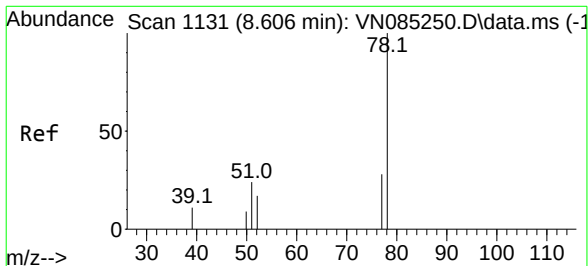
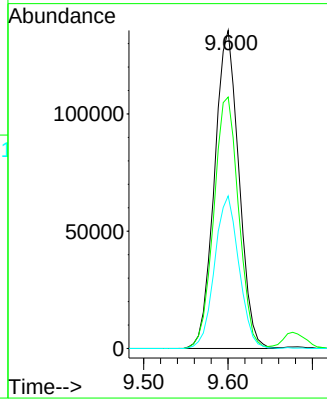
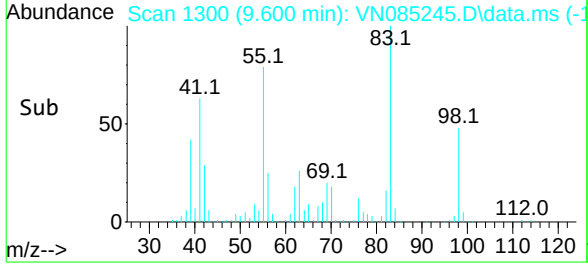
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



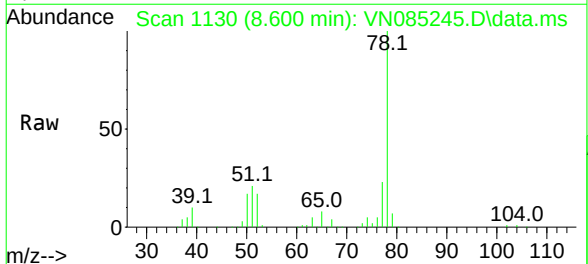
Tgt Ion: 83 Resp: 272682
Ion Ratio Lower Upper
83 100
55 79.1 66.8 100.2
98 48.0 39.4 59.2

Manual Integrations
APPROVED

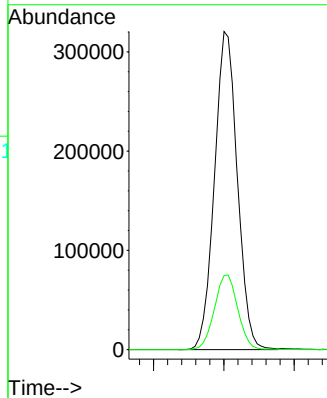
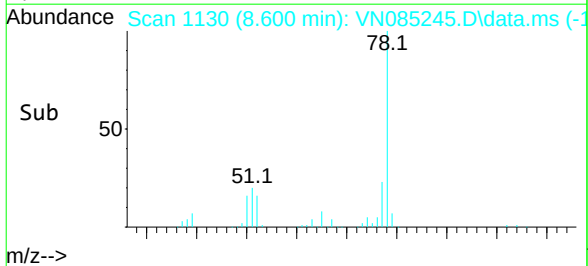
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

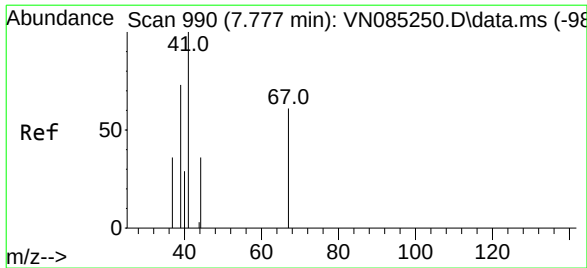


#40
Benzene
Concen: 108.494 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56



Tgt Ion: 78 Resp: 723096
Ion Ratio Lower Upper
78 100
77 23.3 18.9 28.3





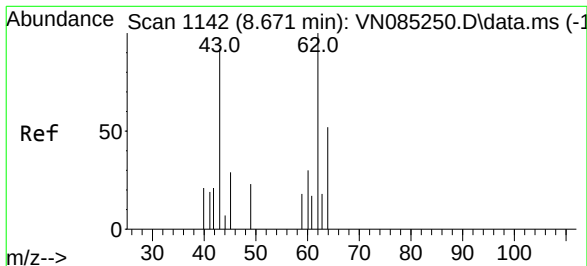
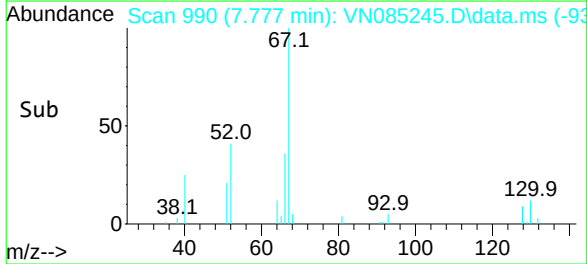
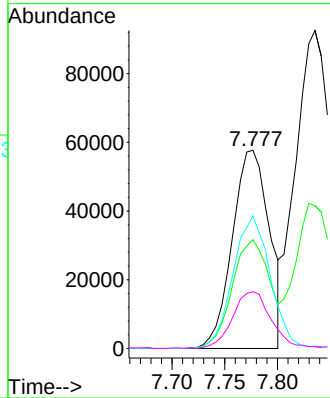
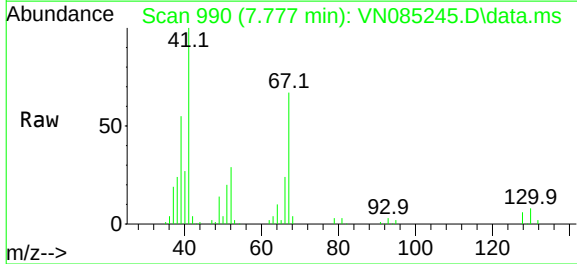
#41
Methacrylonitrile
Concen: 111.781 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:	41	Resp:	140799
Ion	Ratio	Lower	Upper
41	100		
39	55.4	44.0	66.0
67	67.8	56.0	84.0
52	30.4	25.8	38.6

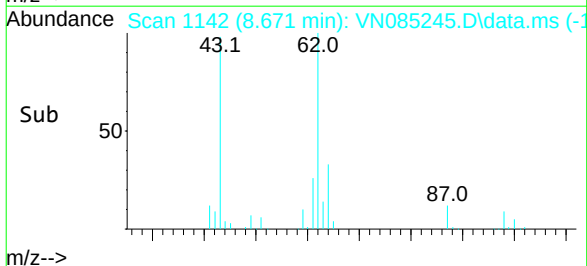
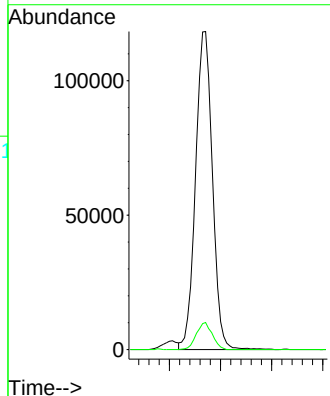
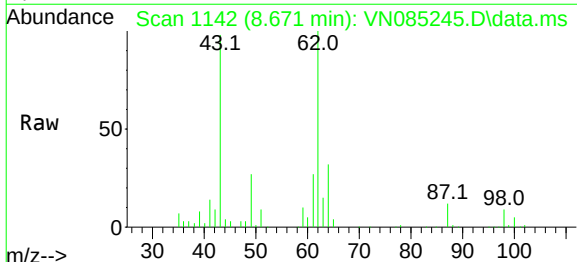
Manual Integrations
APPROVED

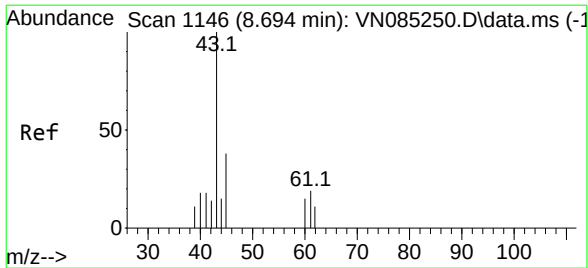
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#42
1,2-Dichloroethane
Concen: 106.846 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

Tgt Ion:	62	Resp:	271246
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.4





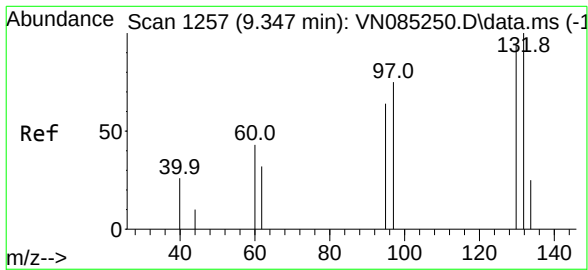
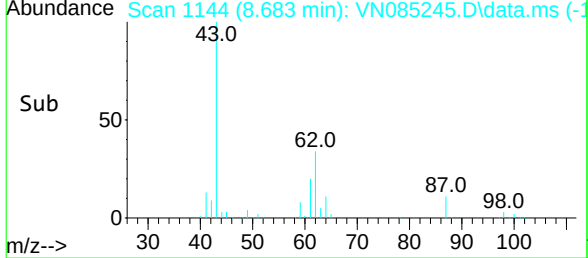
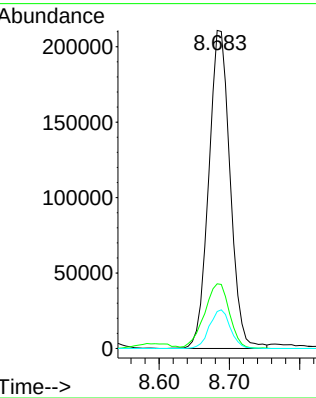
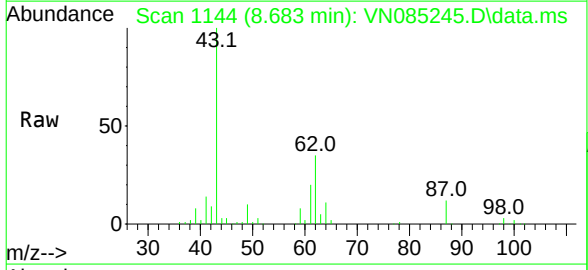
#43
Isopropyl Acetate
Concen: 98.577 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 445560
Ion Ratio Lower Upper
43 100
61 23.9 19.0 28.4
87 11.9 9.3 13.9

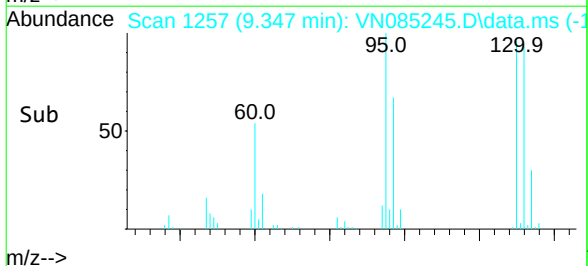
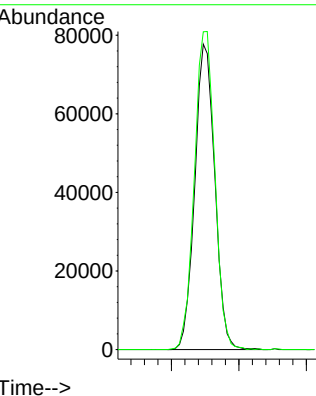
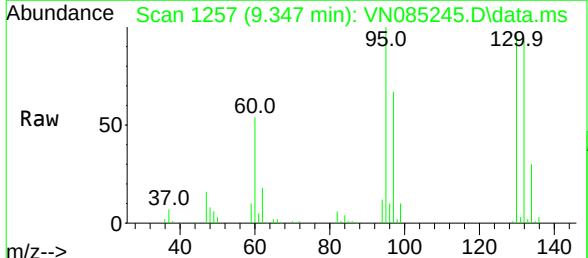
Manual Integrations
APPROVED

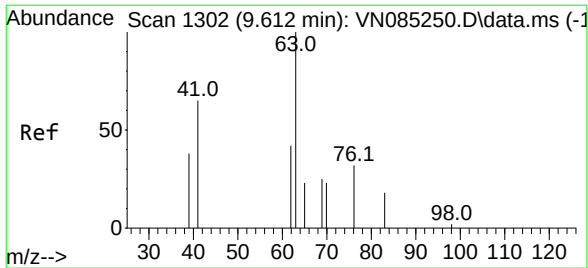
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#44
Trichloroethene
Concen: 108.123 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

Tgt Ion:130 Resp: 160437
Ion Ratio Lower Upper
130 100
95 104.1 0.0 207.6





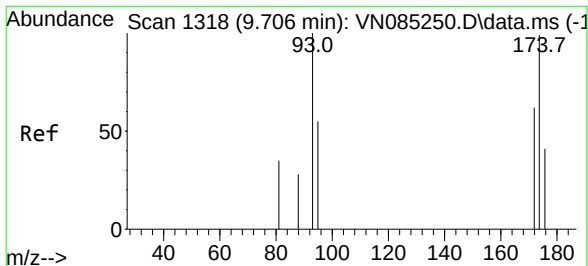
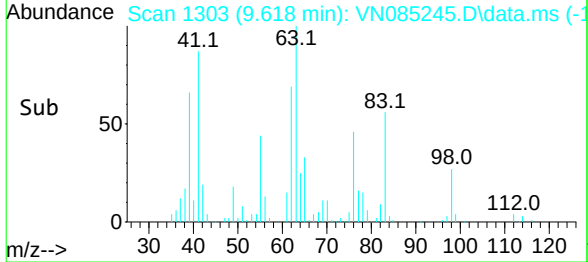
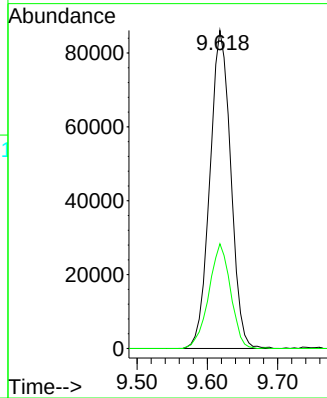
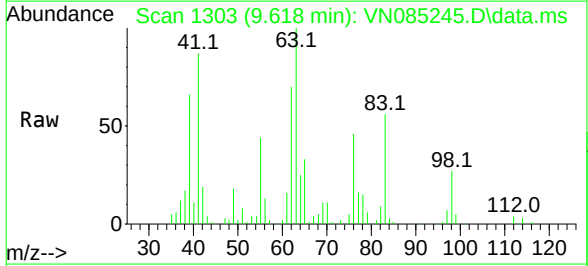
#45
1,2-Dichloropropane
Concen: 107.734 ug/l
RT: 9.618 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 177783
Ion Ratio Lower Upper
63 100
65 32.9 24.0 36.0

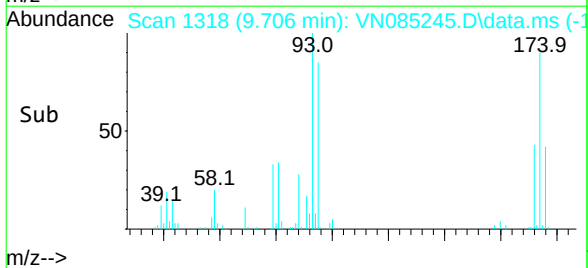
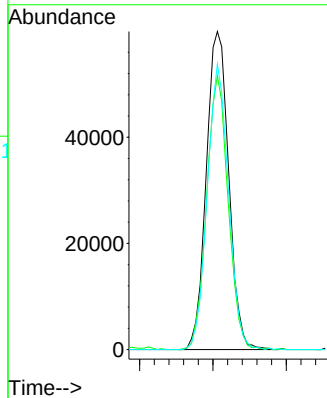
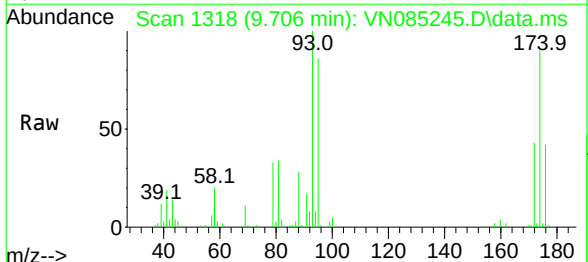
Manual Integrations
APPROVED

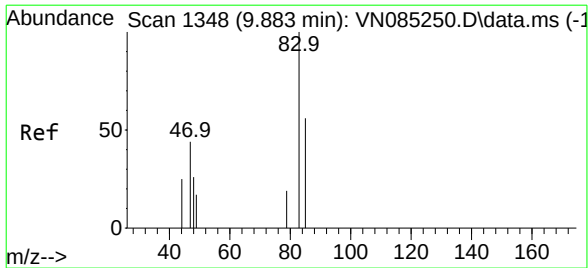
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#46
Dibromomethane
Concen: 108.042 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

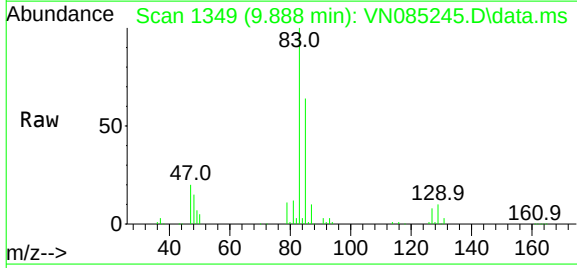
Tgt Ion: 93 Resp: 127276
Ion Ratio Lower Upper
93 100
95 82.7 67.0 100.6
174 85.1 69.3 103.9





#47
Bromodichloromethane
Concen: 109.425 ug/l
RT: 9.888 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

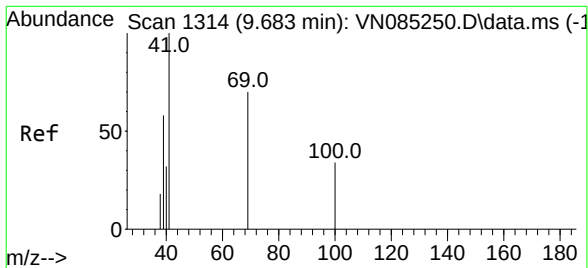
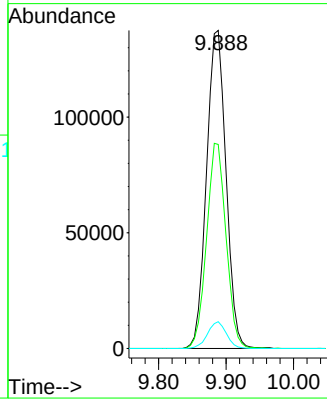
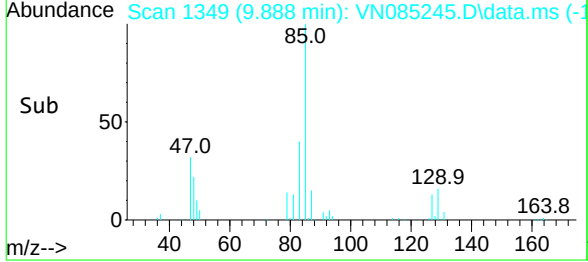
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



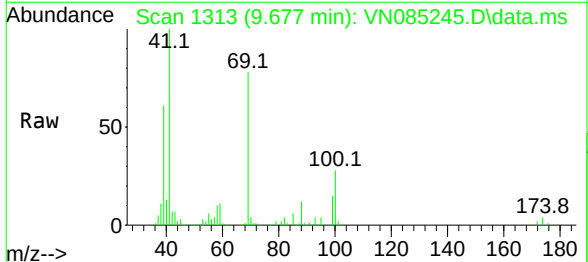
Tgt Ion: 83 Resp: 276186
Ion Ratio Lower Upper
83 100
85 64.2 51.0 76.4
127 8.4 6.3 9.5

Manual Integrations
APPROVED

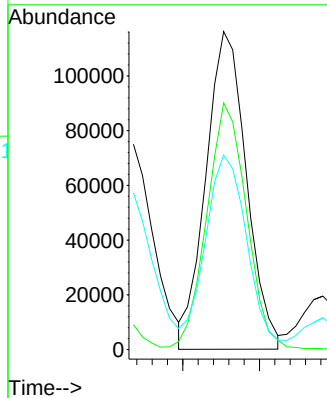
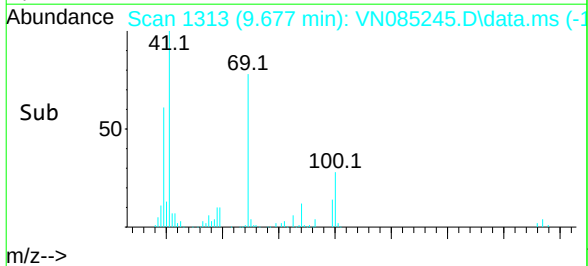
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

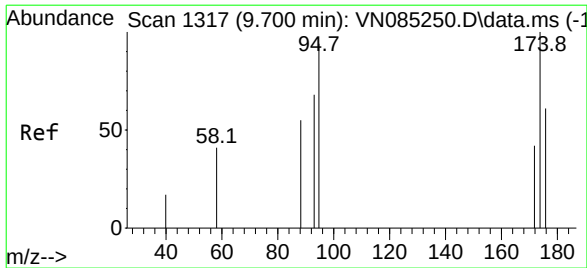


#48
Methyl methacrylate
Concen: 114.790 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56



Tgt Ion: 41 Resp: 212686
Ion Ratio Lower Upper
41 100
69 76.0 61.0 91.4
39 63.4 49.8 74.8





#49

1,4-Dioxane

Concen: 2058.510 ug/l

RT: 9.694 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VN085245.D

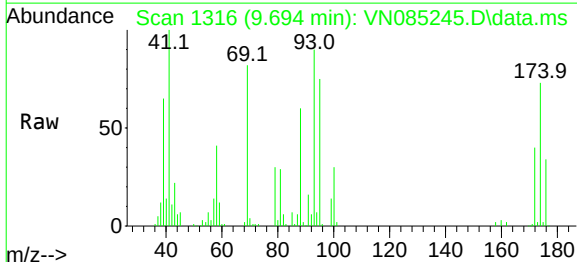
Acq: 18 Dec 2024 11:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100



Tgt Ion: 88 Resp: 60135

Ion Ratio Lower Upper

88 100

43 31.7 25.6 38.4

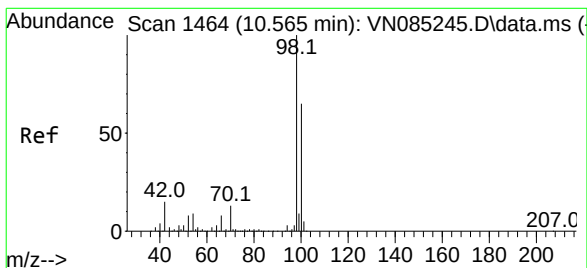
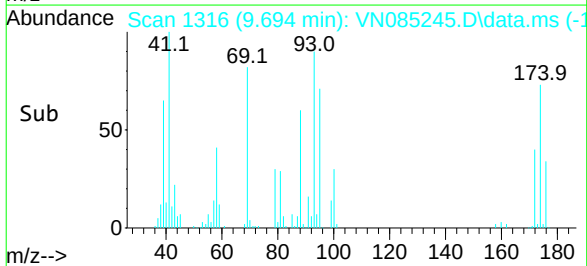
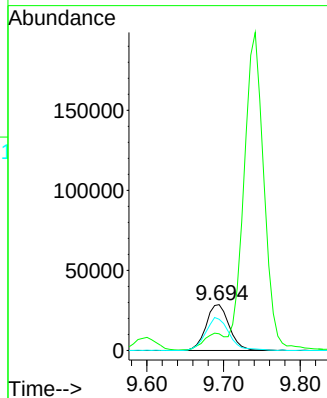
58 72.9 56.5 84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#50

Toluene-d8

Concen: 107.904 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085245.D

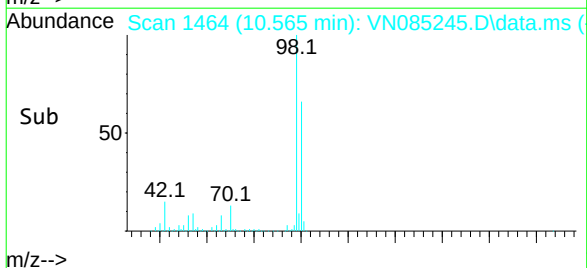
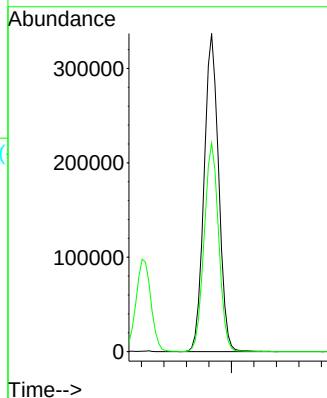
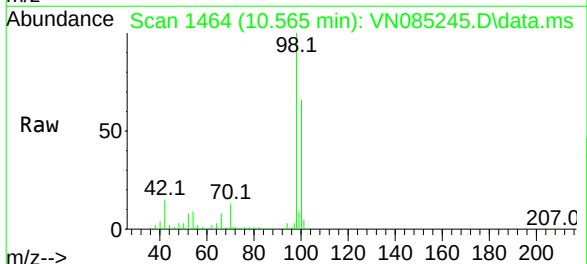
Acq: 18 Dec 2024 11:56

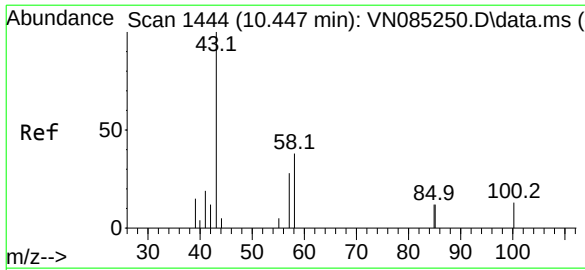
Tgt Ion: 98 Resp: 606787

Ion Ratio Lower Upper

98 100

100 65.4 51.6 77.4





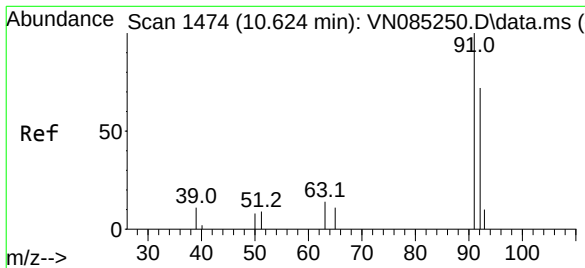
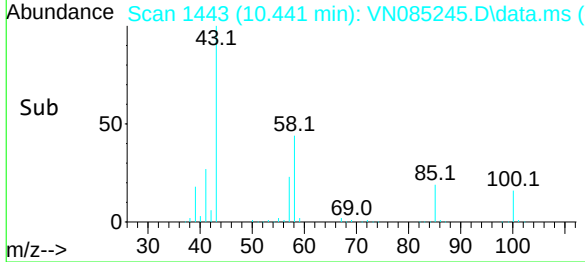
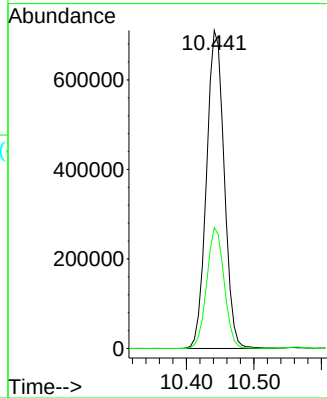
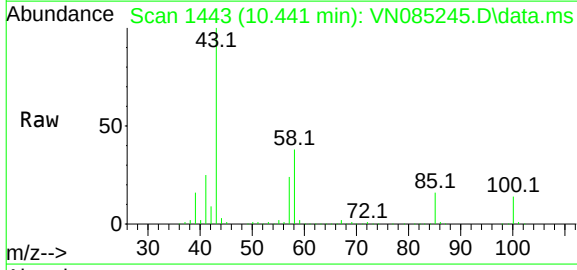
#51
4-Methyl-2-Pentanone
Concen: 544.828 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 1293909
Ion Ratio Lower Upper
43 100
58 37.4 29.4 44.2

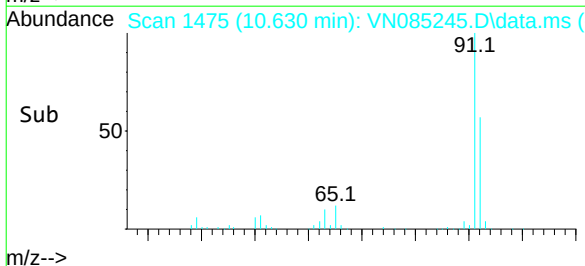
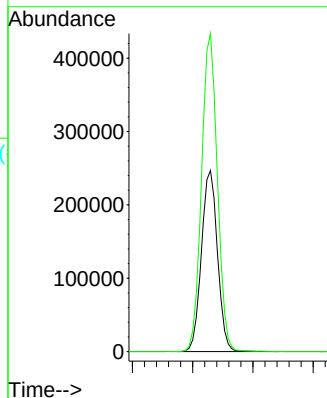
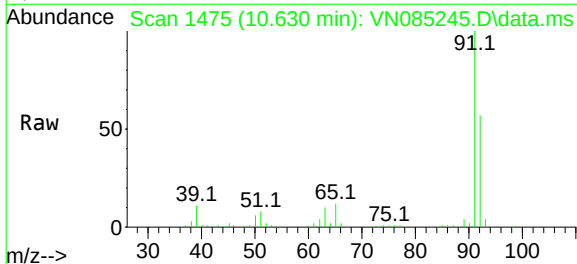
Manual Integrations
APPROVED

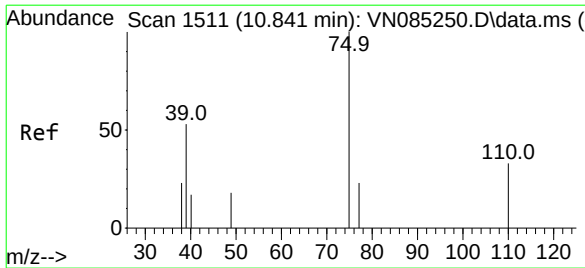
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#52
Toluene
Concen: 113.746 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

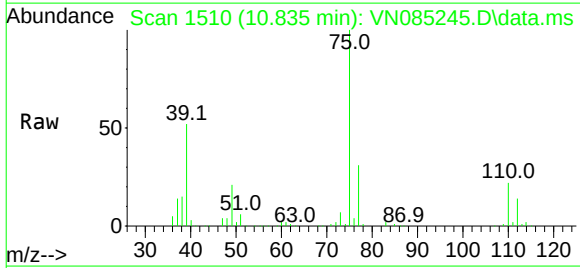
Tgt Ion: 92 Resp: 455835
Ion Ratio Lower Upper
92 100
91 173.6 138.9 208.3





#53
 t-1,3-Dichloropropene
 Concen: 120.209 ug/l
 RT: 10.835 min Scan# 1511
 Delta R.T. -0.000 min
 Lab File: VN085245.D
 Acq: 18 Dec 2024 11:56

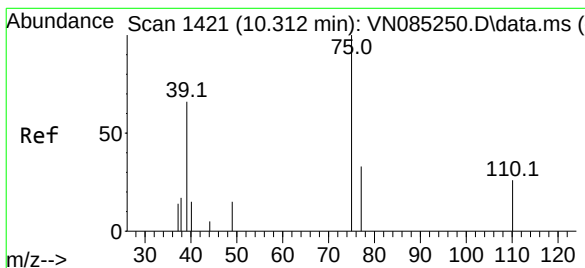
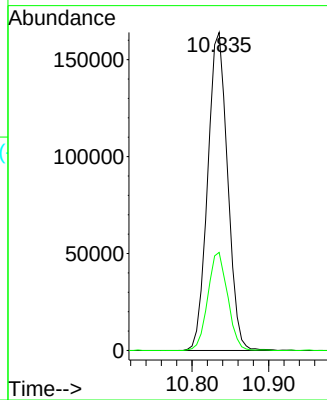
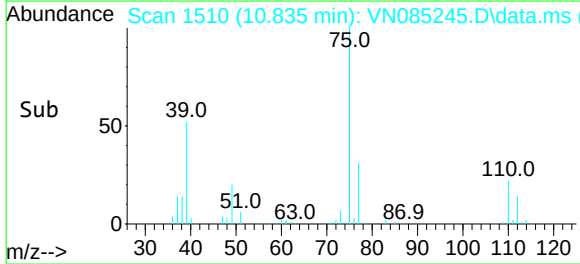
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 75 Resp: 295735
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.4 38.0

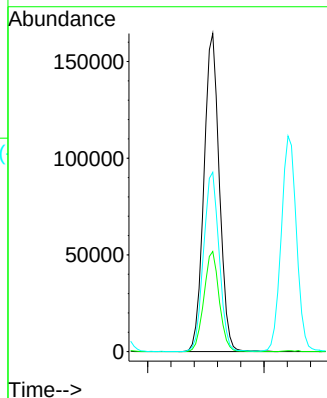
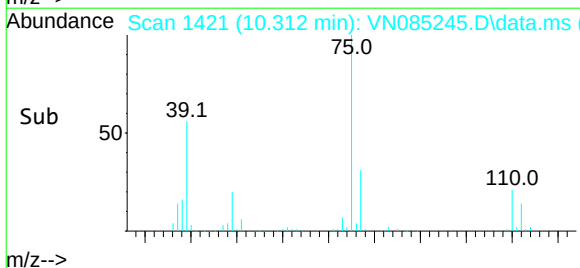
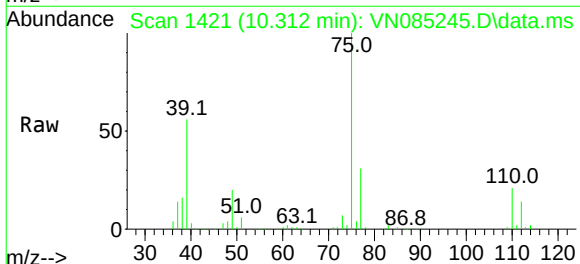
Manual Integrations
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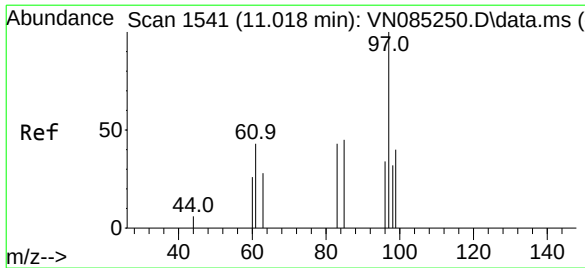
Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#54
 cis-1,3-Dichloropropene
 Concen: 115.753 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN085245.D
 Acq: 18 Dec 2024 11:56

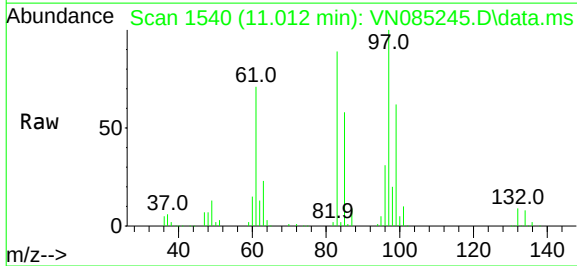
Tgt Ion: 75 Resp: 302770
 Ion Ratio Lower Upper
 75 100
 77 31.5 26.6 39.8
 39 56.4 45.3 67.9





#55
1,1,2-Trichloroethane
Concen: 109.268 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

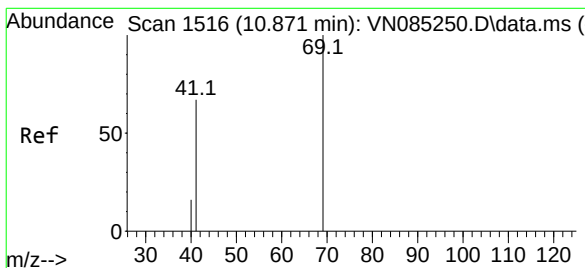
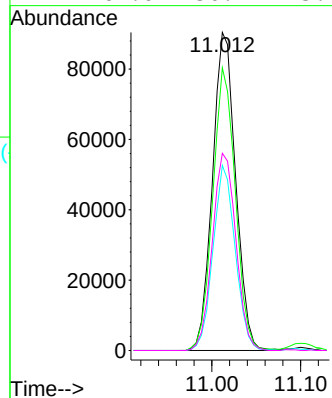
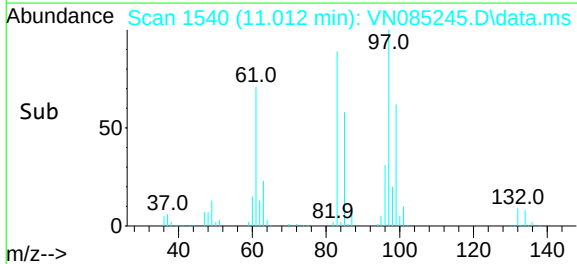
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.9	69.6	104.4
85	58.2	45.7	68.5
99	62.0	50.4	75.6

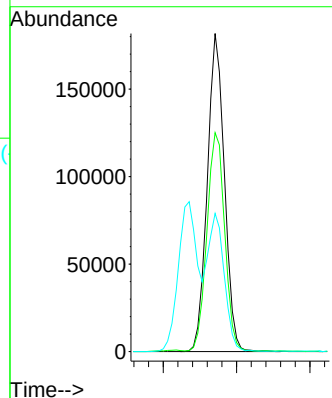
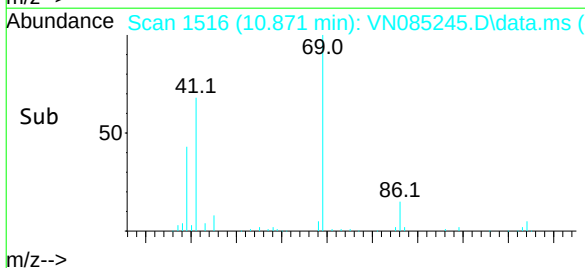
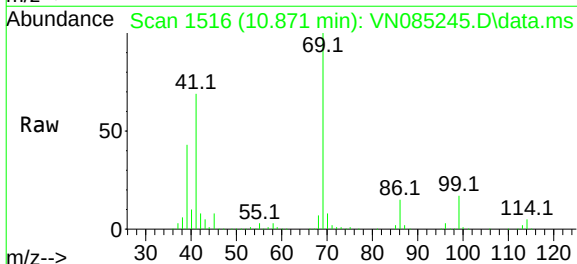
Manual Integrations
APPROVED

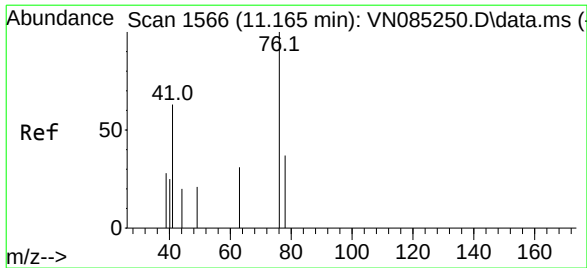
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#56
Ethyl methacrylate
Concen: 101.047 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

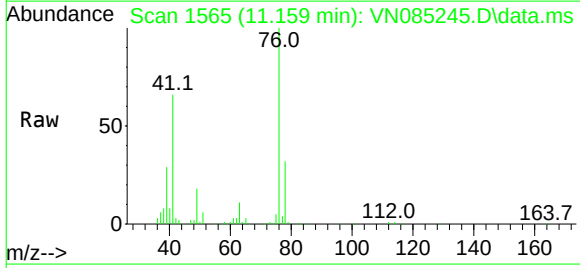
Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.8	57.5	86.3
39	42.4	33.4	50.2





#57
1,3-Dichloropropane
Concen: 110.674 ug/l
RT: 11.159 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

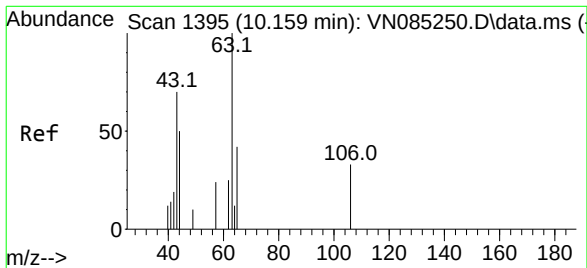
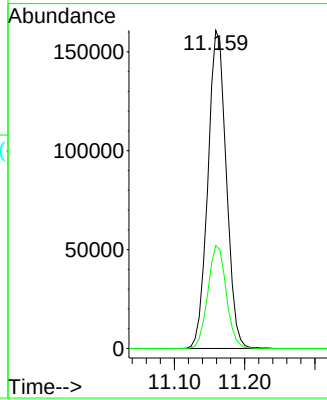
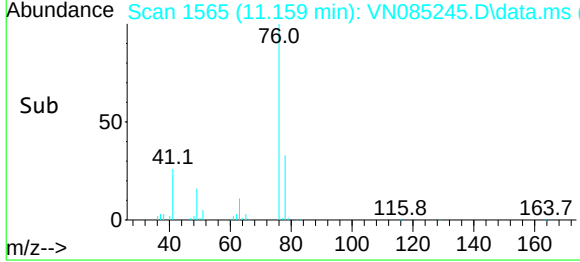
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 76 Resp: 292297
Ion Ratio Lower Upper
76 100
78 32.4 25.4 38.2

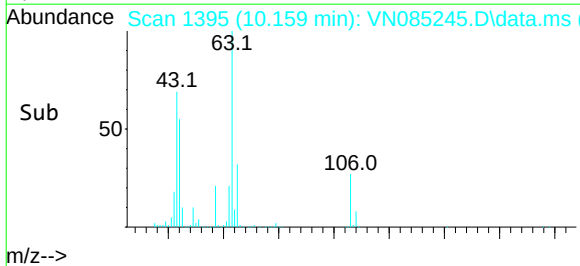
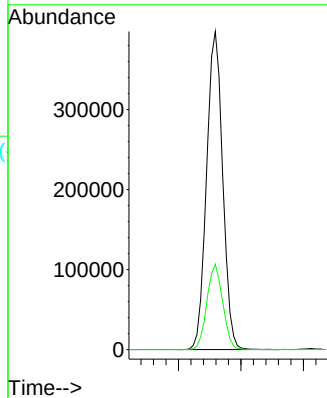
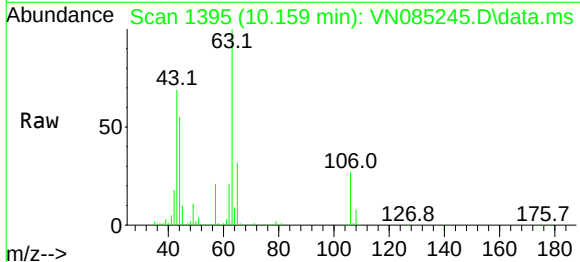
Manual Integrations
APPROVED

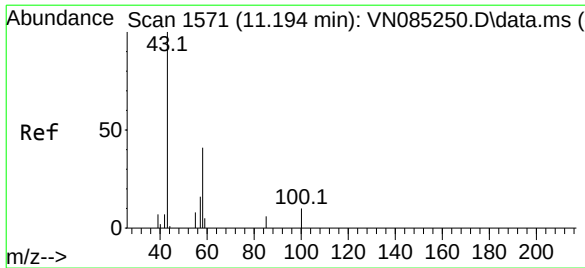
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#58
2-Chloroethyl Vinyl ether
Concen: 508.718 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

Tgt Ion: 63 Resp: 711429
Ion Ratio Lower Upper
63 100
106 26.3 21.2 31.8





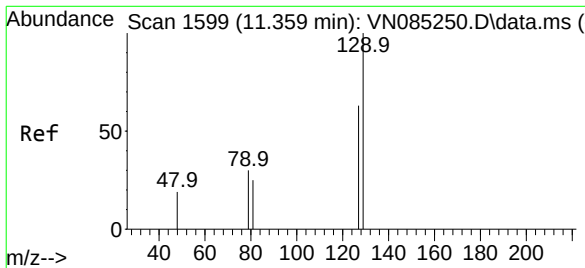
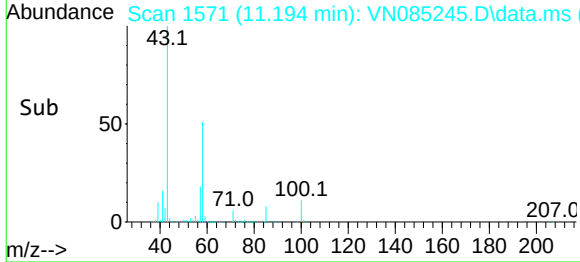
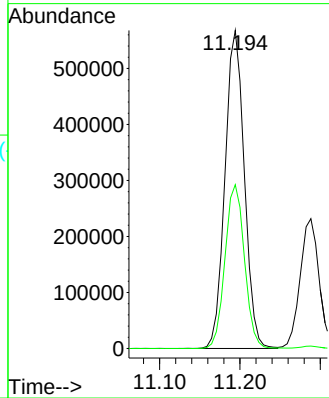
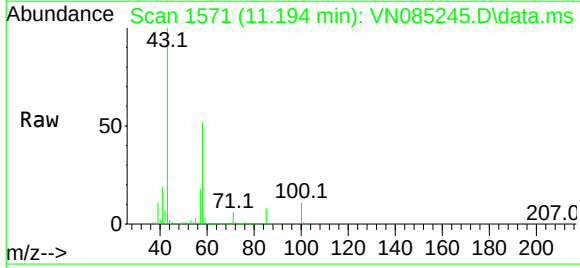
#59
2-Hexanone
Concen: 561.236 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 950121
Ion Ratio Lower Upper
43 100
58 51.7 25.8 77.4

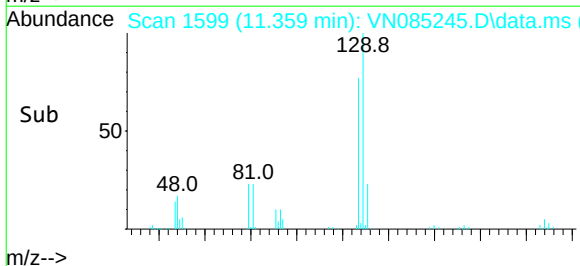
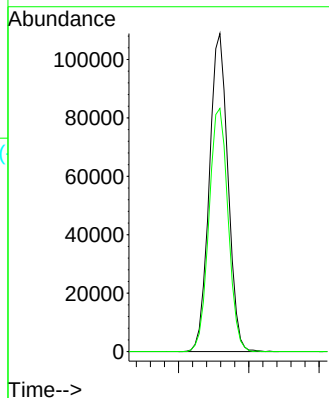
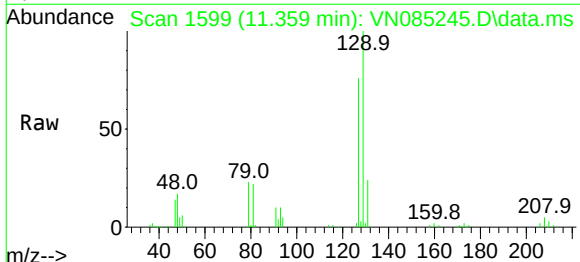
Manual Integrations
APPROVED

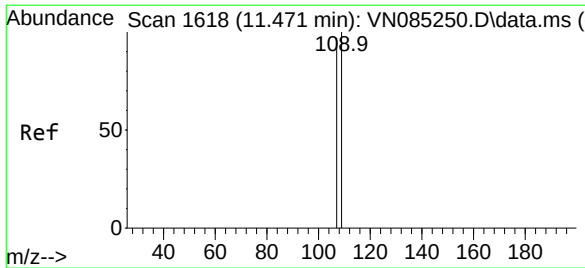
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#60
Dibromochloromethane
Concen: 112.947 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

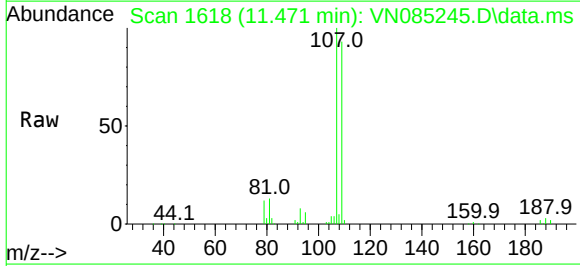
Tgt Ion:129 Resp: 200867
Ion Ratio Lower Upper
129 100
127 78.4 39.6 118.8





#61
1,2-Dibromoethane
Concen: 108.774 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

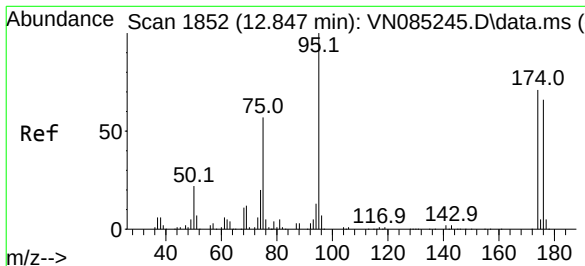
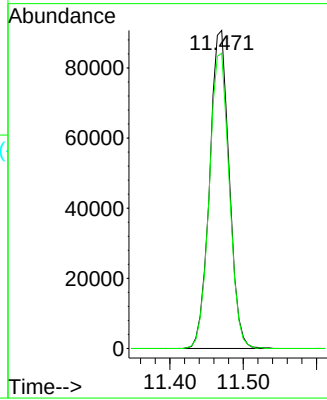
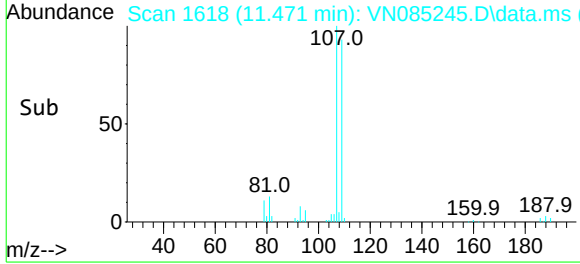
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



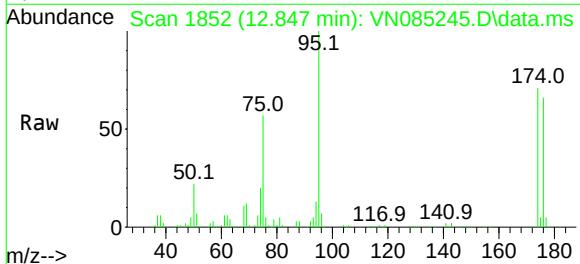
Tgt Ion: 107 Resp: 168121
Ion Ratio Lower Upper
107 100
109 94.7 74.2 111.4

Manual Integrations
APPROVED

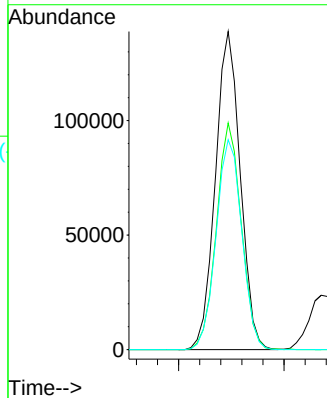
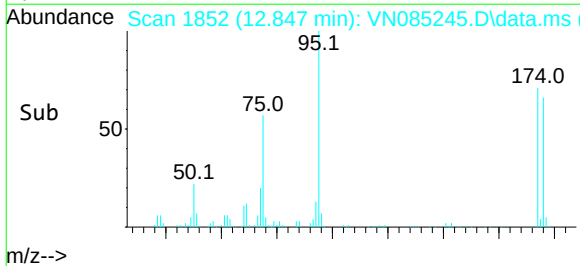
Reviewed By : John Carlone 12/20/2024
Supervised By : Mahesh Dadoda 12/20/2024

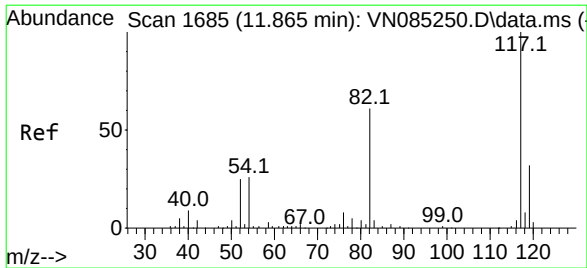


#62
4-Bromofluorobenzene
Concen: 113.316 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56



Tgt Ion: 95 Resp: 227599
Ion Ratio Lower Upper
95 100
174 71.3 0.0 144.4
176 68.2 0.0 136.6





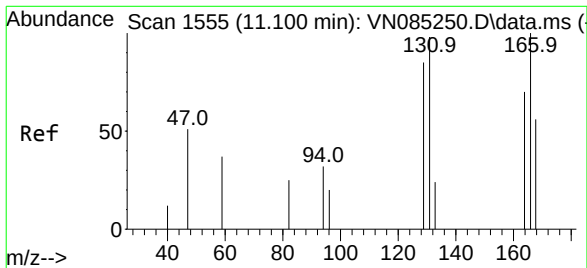
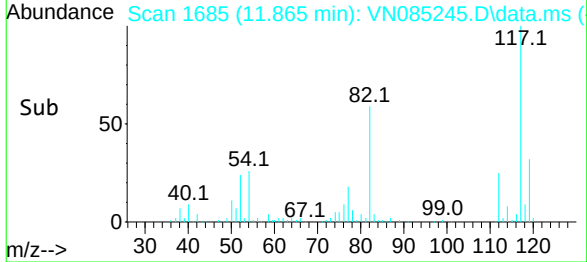
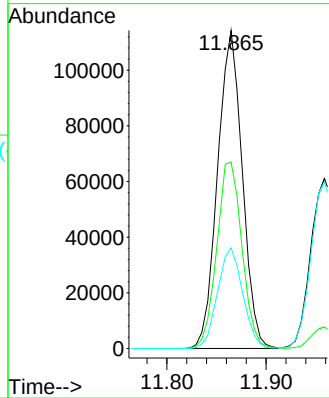
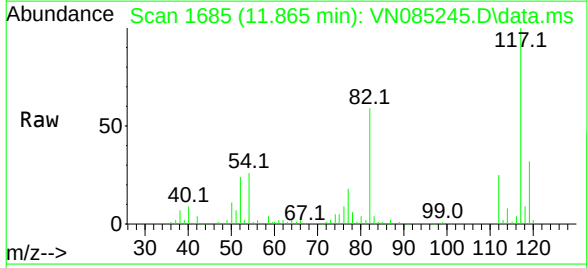
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:117 Resp: 197737
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 31.6 25.6 38.4

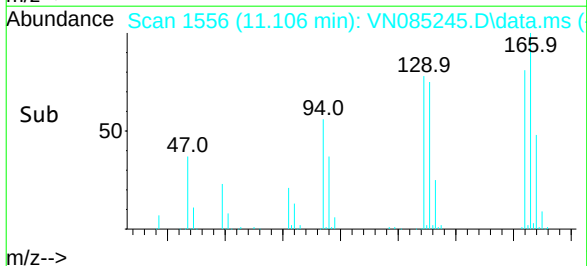
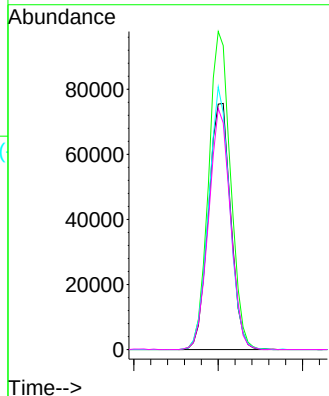
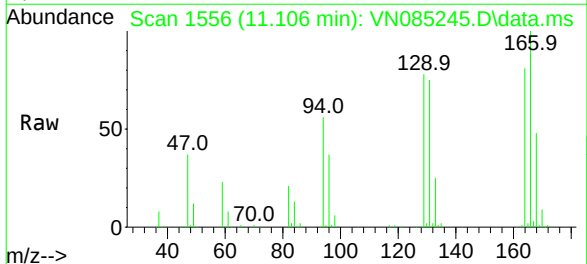
Manual Integrations
APPROVED

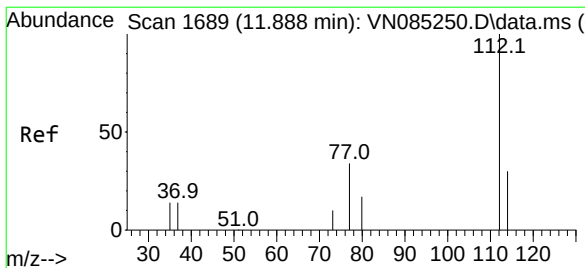
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#64
Tetrachloroethene
Concen: 104.604 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

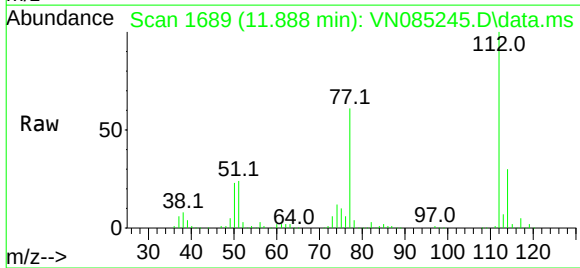
Tgt Ion:164 Resp: 139187
Ion Ratio Lower Upper
164 100
166 123.5 101.5 152.3
129 96.1 79.4 119.2
131 92.1 73.9 110.9





#65
Chlorobenzene
Concen: 106.880 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

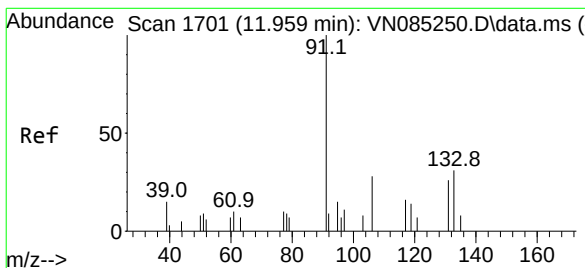
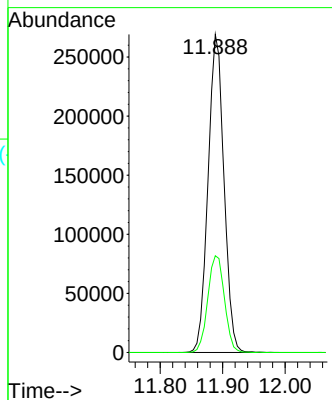
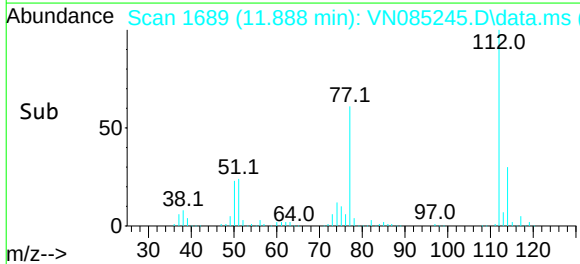
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



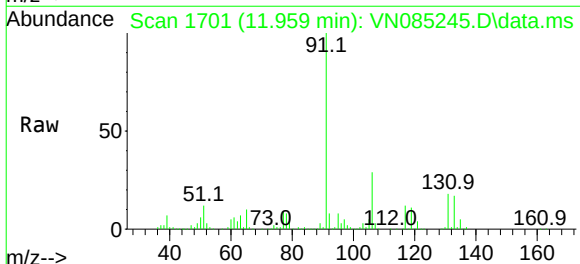
Tgt Ion:112 Resp: 475067
Ion Ratio Lower Upper
112 100
114 30.4 26.2 39.4

Manual Integrations
APPROVED

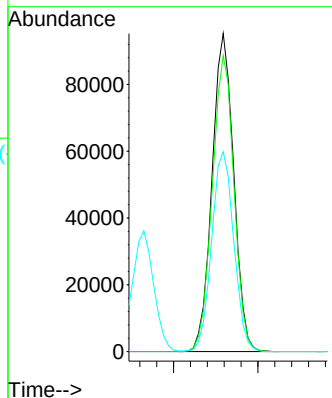
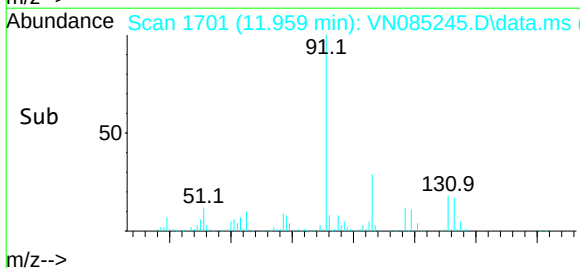
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

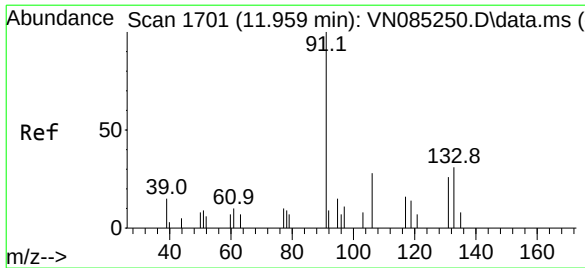


#66
1,1,1,2-Tetrachloroethane
Concen: 109.383 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56



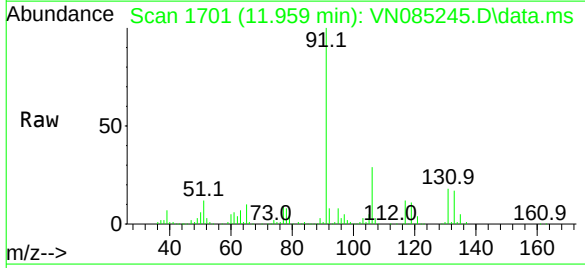
Tgt Ion:131 Resp: 169624
Ion Ratio Lower Upper
131 100
133 93.4 48.6 145.8
119 64.3 32.5 97.5





#67
Ethyl Benzene
Concen: 117.473 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

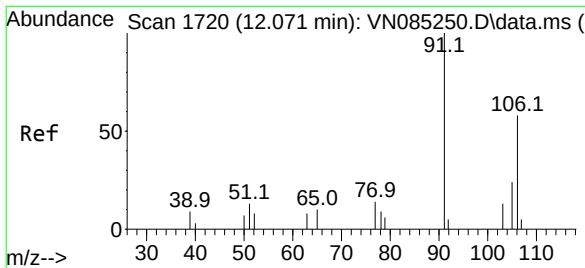
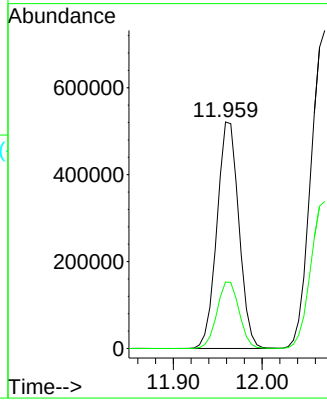
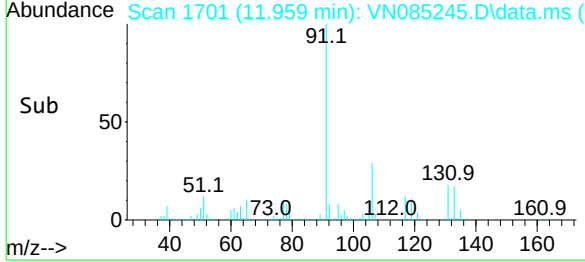
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 894979
Ion Ratio Lower Upper
91 100
106 29.3 23.5 35.3

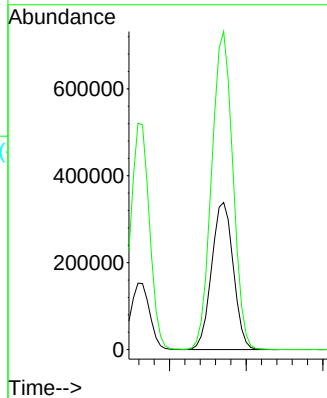
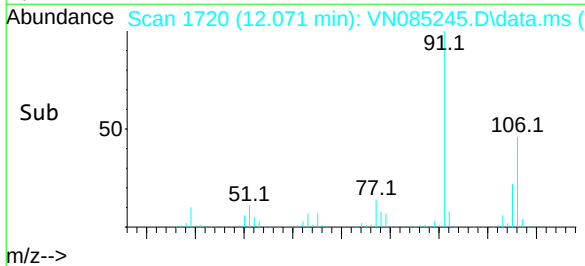
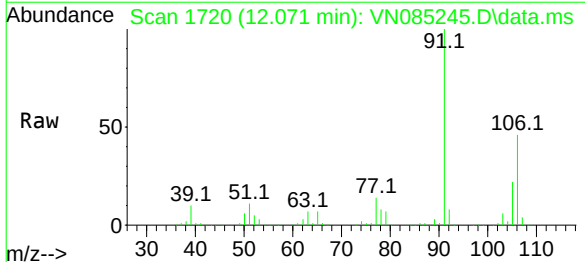
Manual Integrations
APPROVED

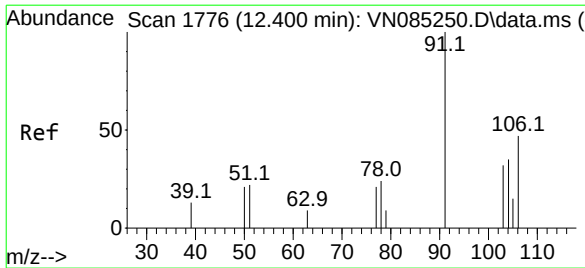
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#68
m/p-Xylenes
Concen: 233.390 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

Tgt Ion:106 Resp: 665022
Ion Ratio Lower Upper
106 100
91 212.0 168.3 252.5





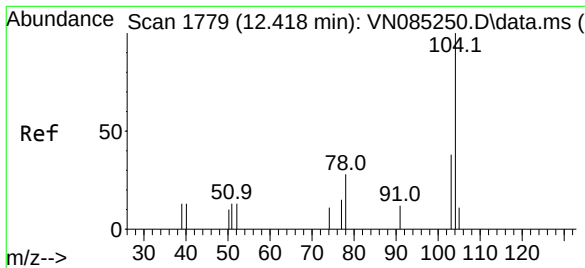
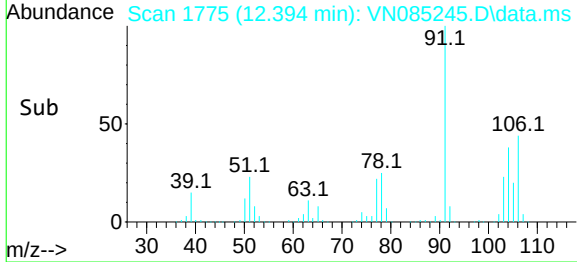
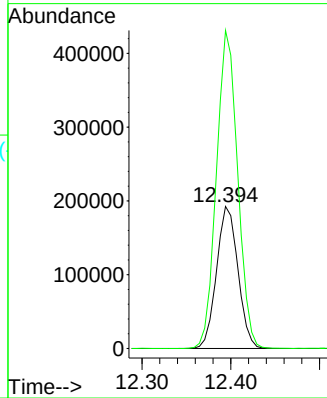
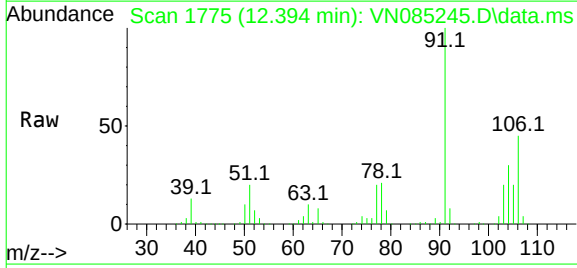
#69
o-Xylene
Concen: 120.433 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 322554
Ion Ratio Lower Upper
106 100
91 222.0 112.1 336.2

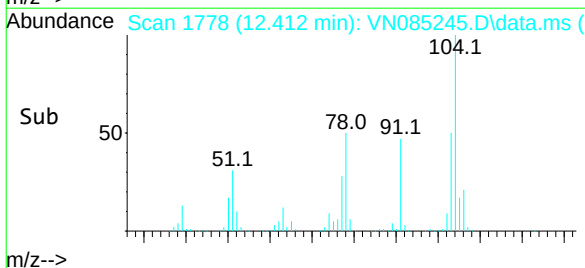
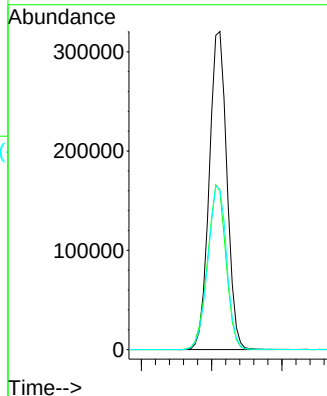
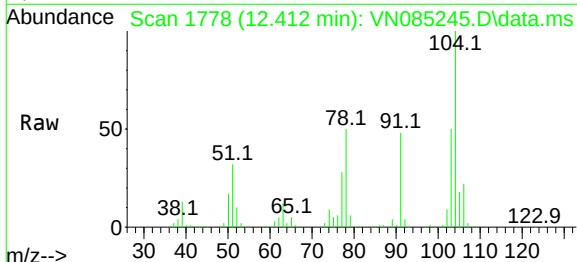
Manual Integrations
APPROVED

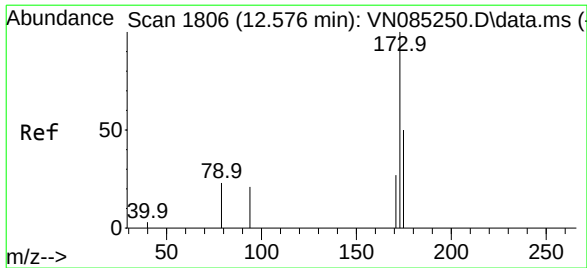
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#70
Styrene
Concen: 125.079 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

Tgt Ion:104 Resp: 559256
Ion Ratio Lower Upper
104 100
78 54.1 43.2 64.8
103 54.5 44.6 66.8





#71

Bromoform

Concen: 111.633 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085245.D

Acq: 18 Dec 2024 11:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

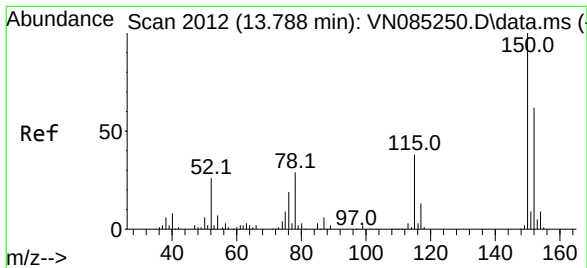
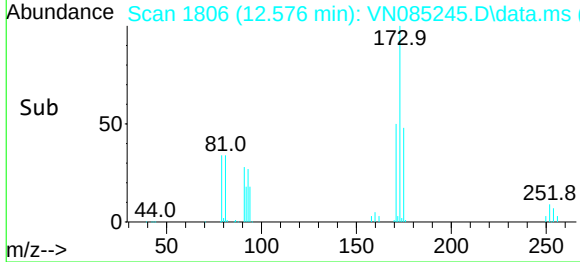
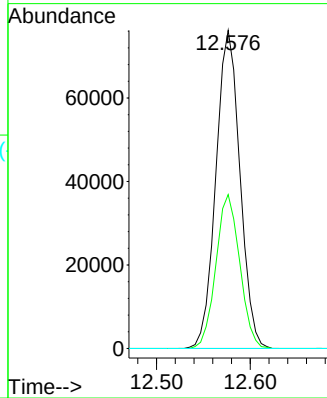
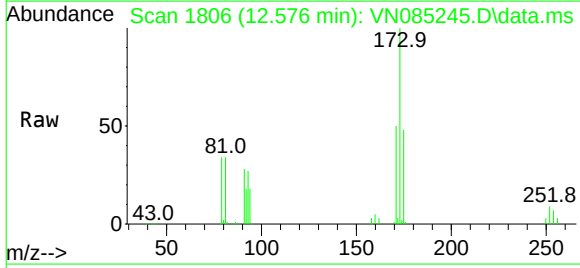
Tgt Ion:	173	Resp:	135696
Ion Ratio	Lower	Upper	
173	100		
175	47.9	24.5	73.5
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

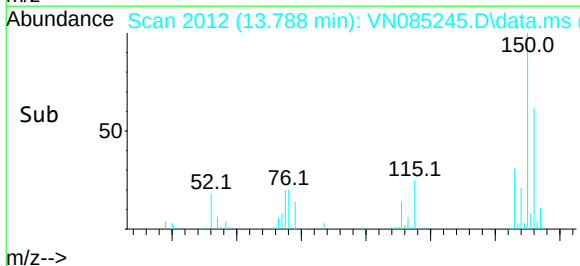
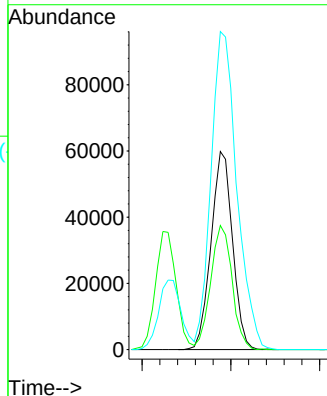
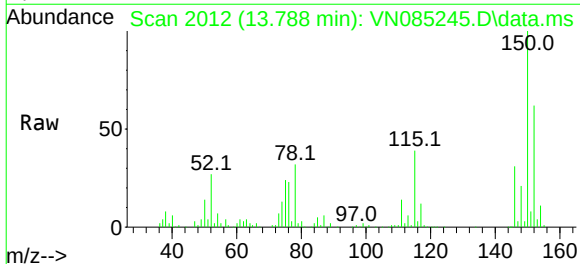
RT: 13.788 min Scan# 2012

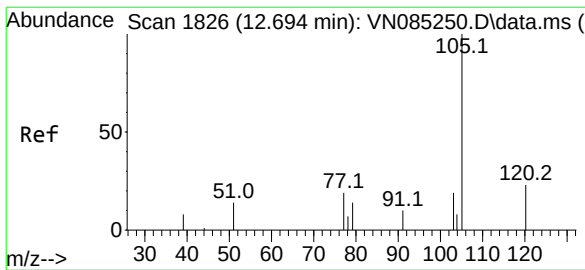
Delta R.T. -0.000 min

Lab File: VN085245.D

Acq: 18 Dec 2024 11:56

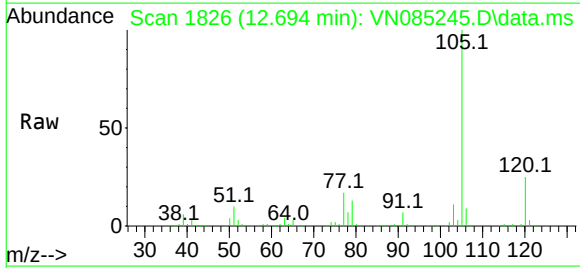
Tgt Ion:	152	Resp:	100501
Ion Ratio	Lower	Upper	
152	100		
115	62.4	32.1	96.3
150	192.9	0.0	354.6





#73
Isopropylbenzene
Concen: 115.905 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

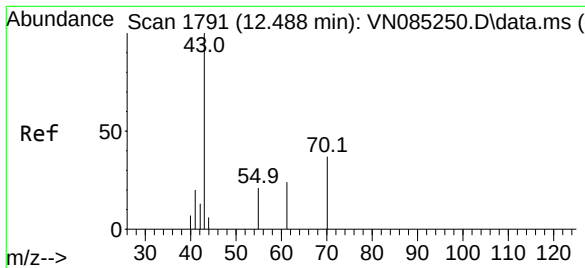
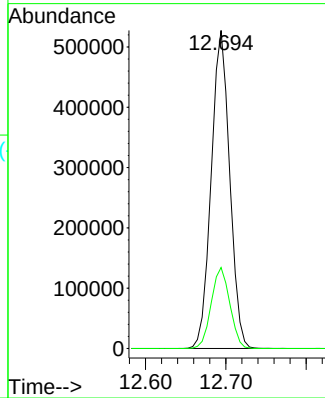
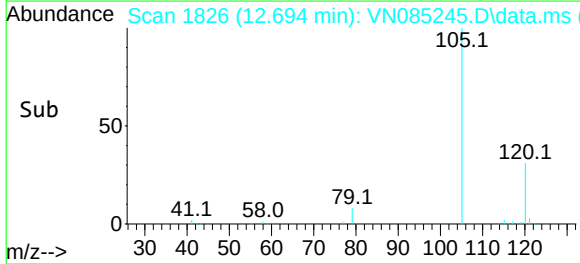
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 105 Resp: 840297
Ion Ratio Lower Upper
105 100
120 25.6 13.0 38.9

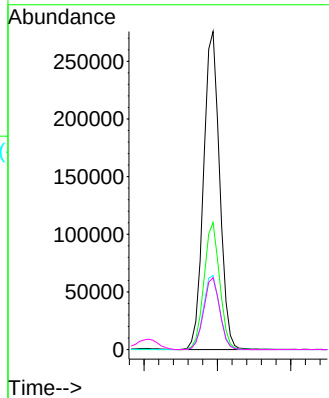
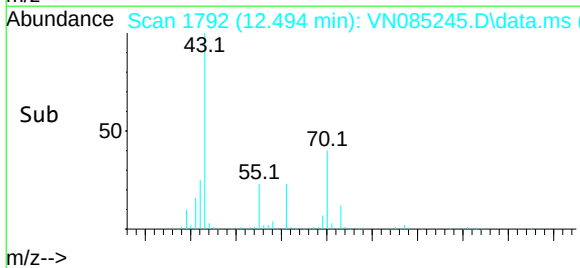
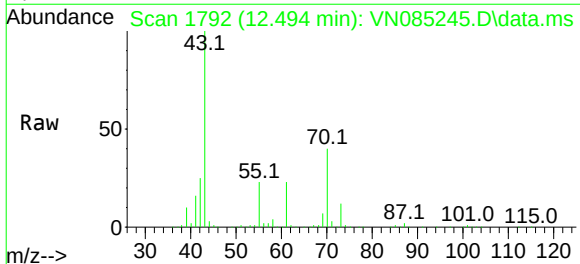
Manual Integrations
APPROVED

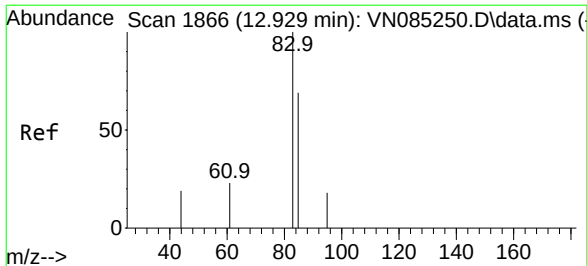
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#74
N-ethyl acetate
Concen: 115.949 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

Tgt Ion: 43 Resp: 419855
Ion Ratio Lower Upper
43 100
70 39.0 31.5 47.3
55 23.7 19.0 28.4
61 22.7 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 95.286 ug/l

RT: 12.935 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085245.D

Acq: 18 Dec 2024 11:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

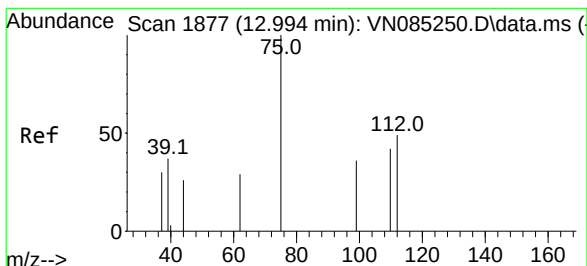
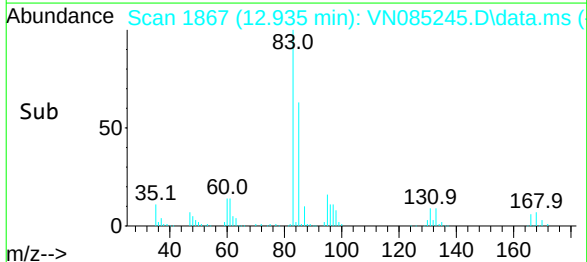
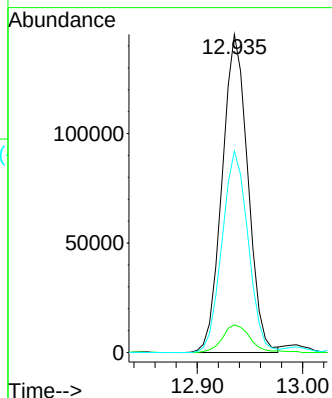
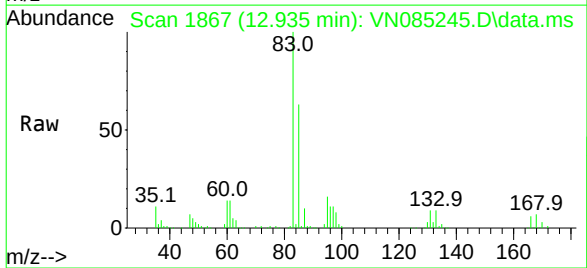
Tgt Ion:	83	Resp:	246135
Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.7	14.1
85	64.3	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#76

1,2,3-Trichloropropane

Concen: 93.049 ug/l m

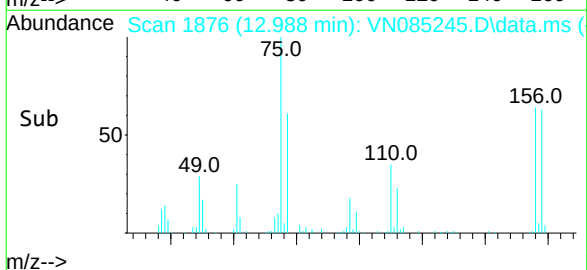
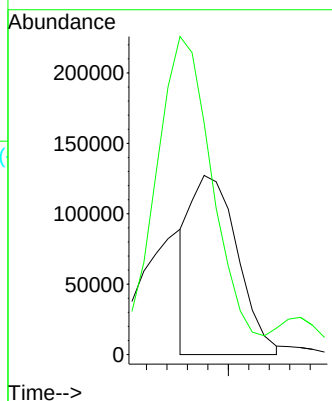
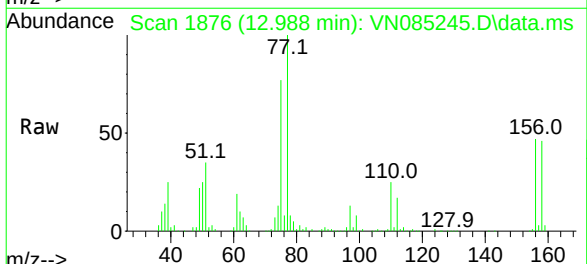
RT: 12.988 min Scan# 1876

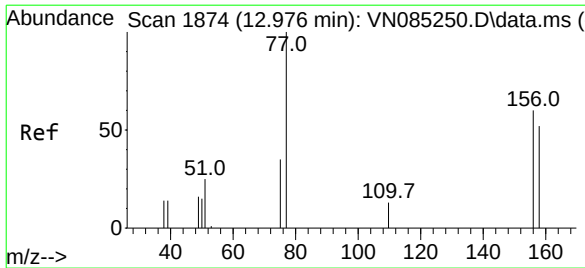
Delta R.T. -0.006 min

Lab File: VN085245.D

Acq: 18 Dec 2024 11:56

Tgt Ion:	75	Resp:	204020
Ion	Ratio	Lower	Upper
75	100		
77	218.2	102.6	307.7





#77

Bromobenzene

Concen: 100.869 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN085245.D

Acq: 18 Dec 2024 11:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

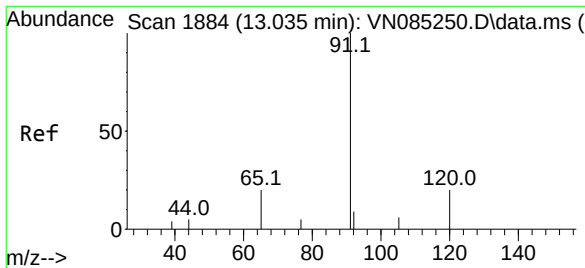
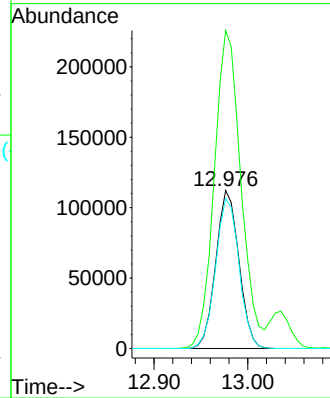
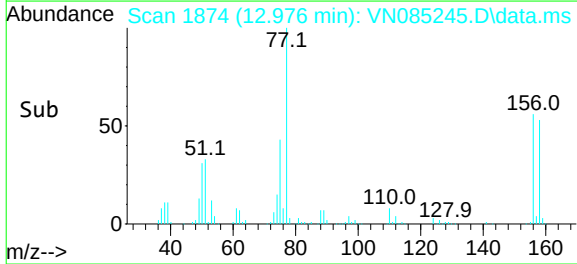
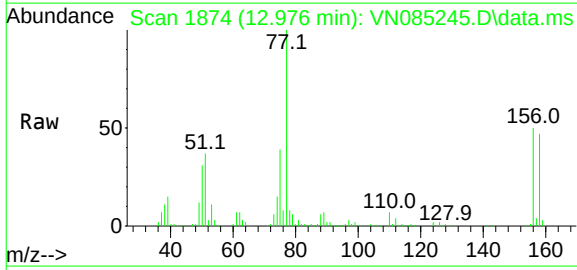
Tgt Ion:	156	Resp:	192007
Ion Ratio	Lower	Upper	
156	100		
77	231.8	115.8	347.3
158	96.1	47.9	143.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#78

n-propylbenzene

Concen: 116.058 ug/l

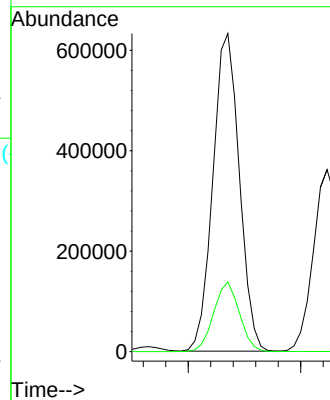
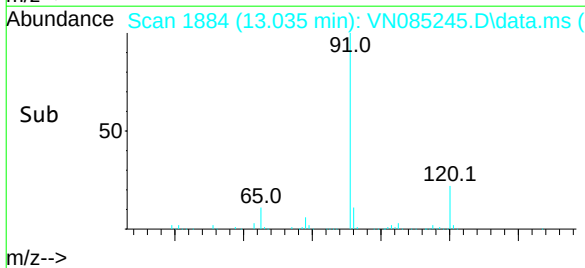
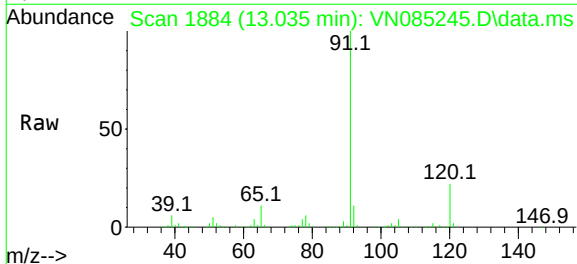
RT: 13.035 min Scan# 1884

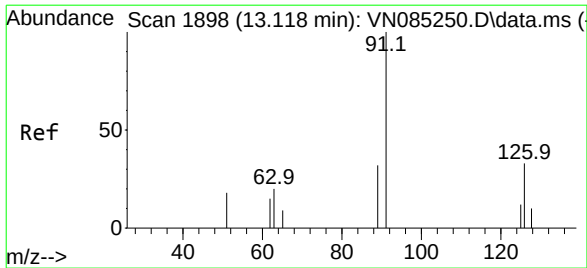
Delta R.T. -0.000 min

Lab File: VN085245.D

Acq: 18 Dec 2024 11:56

Tgt Ion:	91	Resp:	1031914
Ion Ratio	Lower	Upper	
91	100		
120	21.3	10.8	32.3





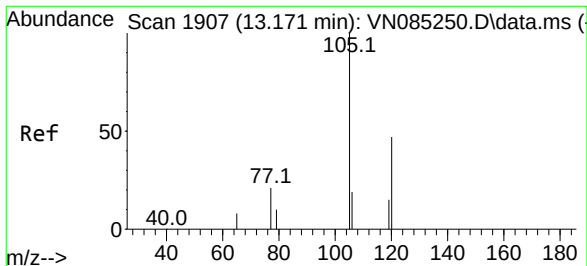
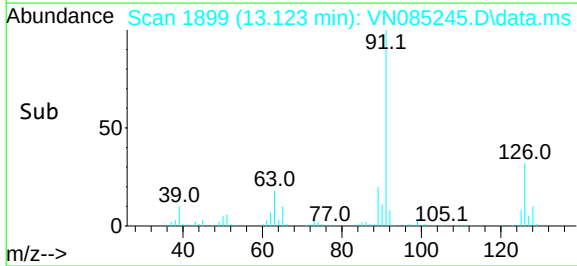
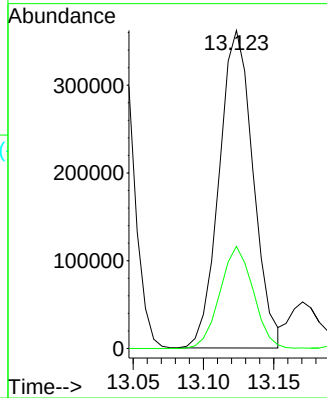
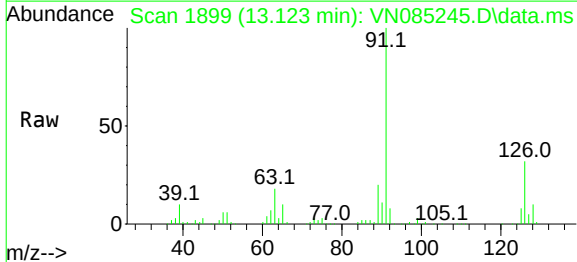
#79
2-Chlorotoluene
Concen: 107.968 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 609507
Ion Ratio Lower Upper
91 100
126 31.4 15.2 45.5

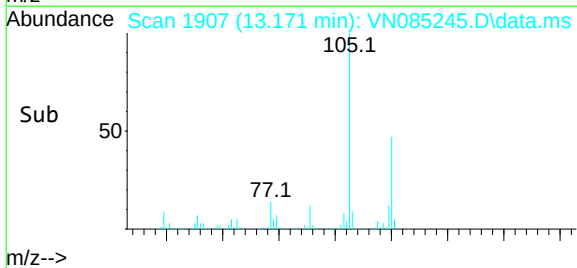
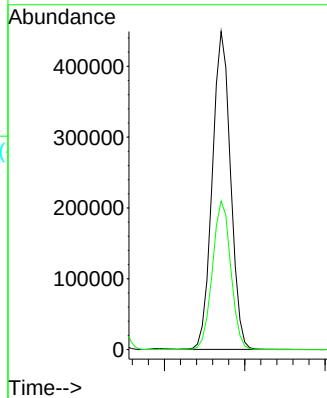
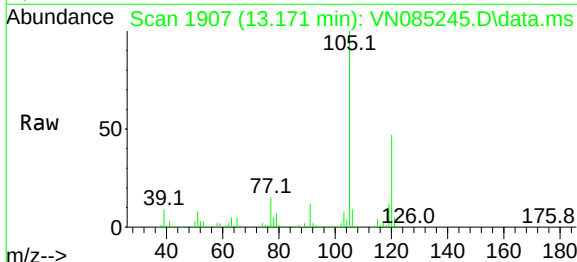
Manual Integrations
APPROVED

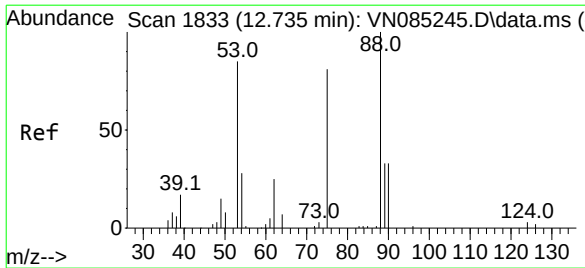
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#80
1,3,5-Trimethylbenzene
Concen: 117.272 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

Tgt Ion:105 Resp: 709159
Ion Ratio Lower Upper
105 100
120 46.9 23.4 70.2





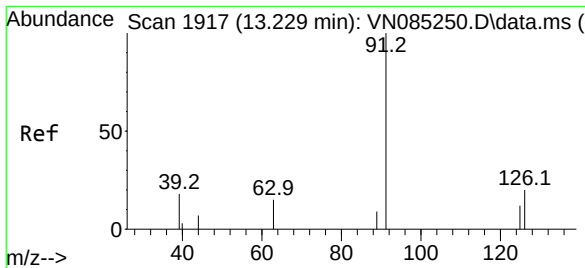
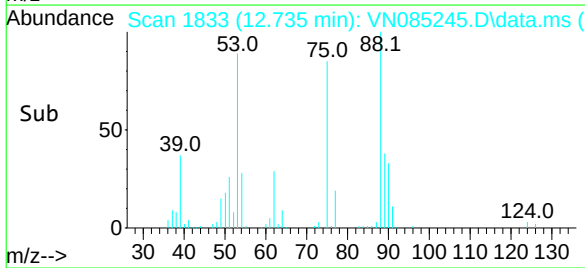
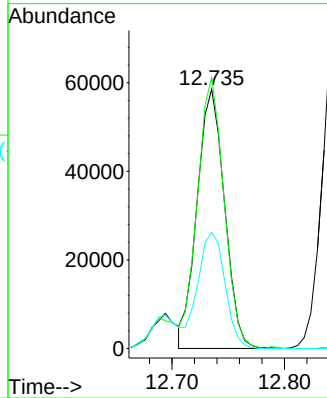
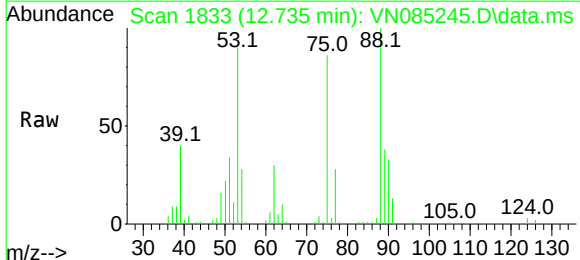
#81
trans-1,4-Dichloro-2-butene
Concen: 110.007 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 99248
Ion Ratio Lower Upper
75 100
53 101.5 84.9 127.3
89 45.4 37.9 56.9

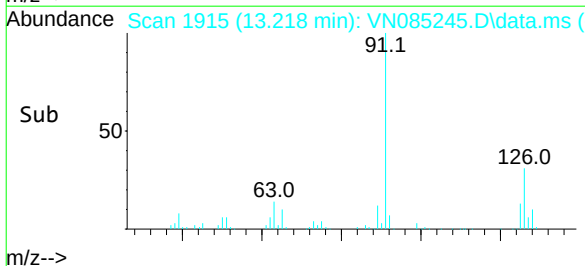
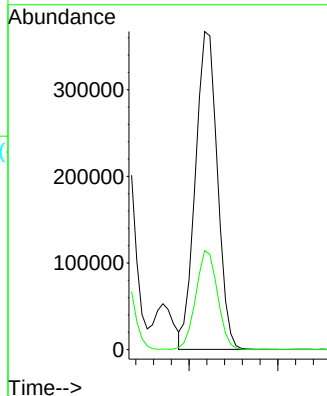
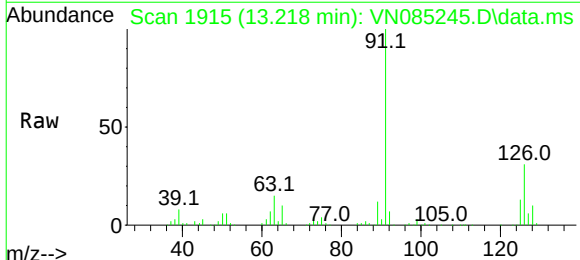
Manual Integrations
APPROVED

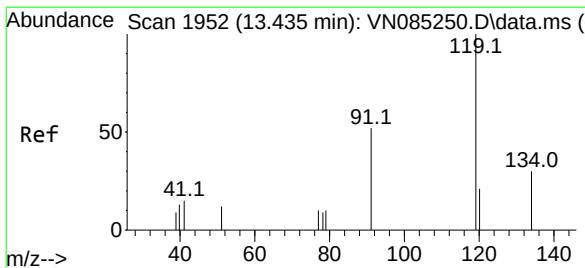
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#82
4-Chlorotoluene
Concen: 110.493 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

Tgt Ion: 91 Resp: 631208
Ion Ratio Lower Upper
91 100
126 30.8 15.6 46.8





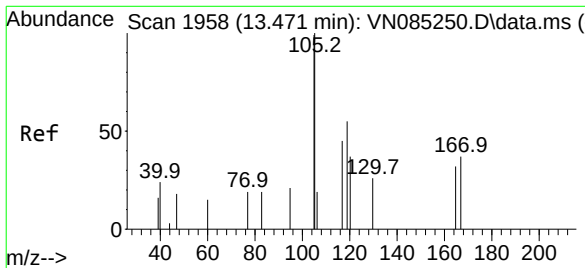
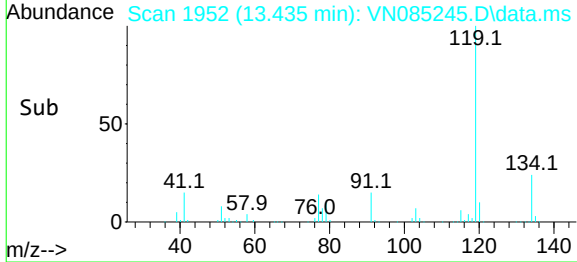
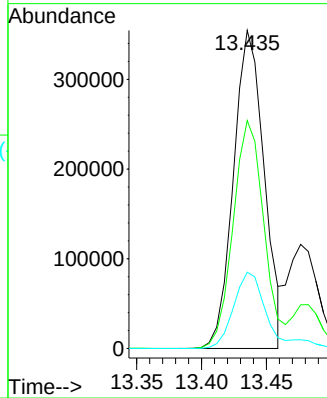
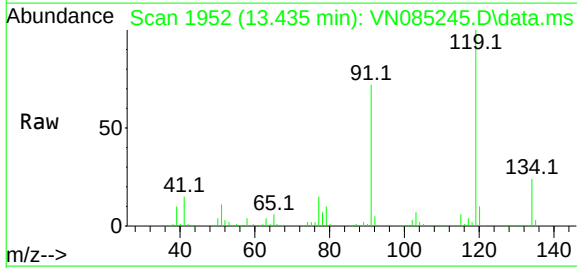
#83
tert-Butylbenzene
Concen: 113.640 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:119 Resp: 582784
Ion Ratio Lower Upper
119 100
91 72.3 36.3 108.7
134 26.3 12.2 36.6

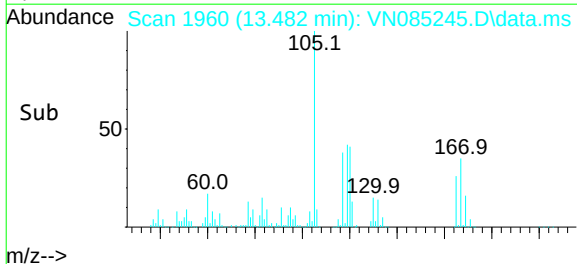
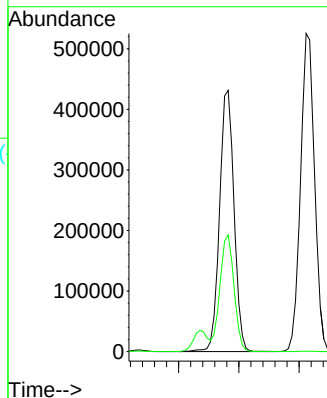
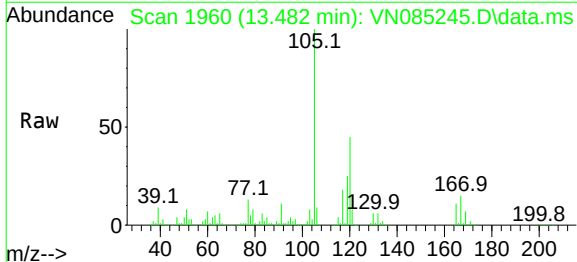
Manual Integrations
APPROVED

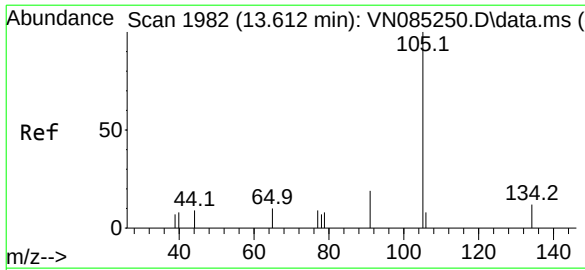
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#84
1,2,4-Trimethylbenzene
Concen: 116.337 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

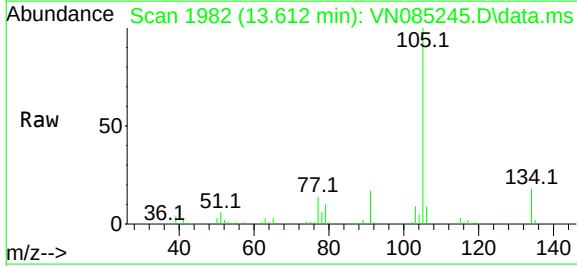
Tgt Ion:105 Resp: 719106
Ion Ratio Lower Upper
105 100
120 43.4 21.8 65.3





#85
sec-Butylbenzene
Concen: 118.555 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

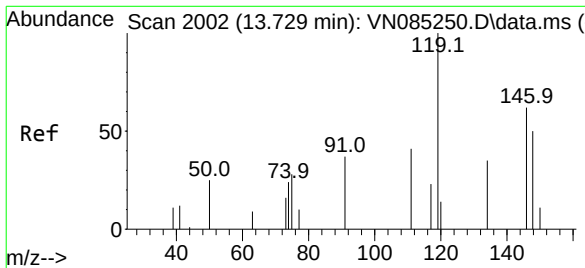
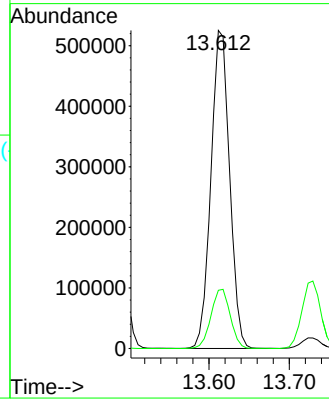
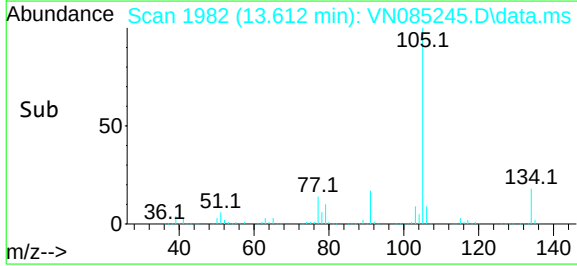
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



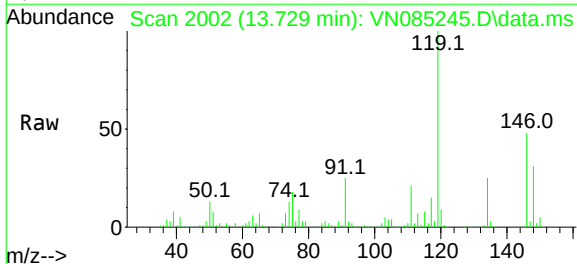
Tgt Ion:105 Resp: 847632
Ion Ratio Lower Upper
105 100
134 19.2 9.4 28.3

Manual Integrations
APPROVED

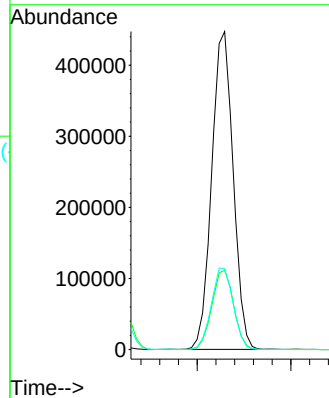
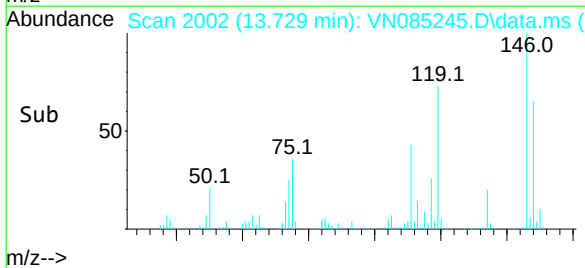
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

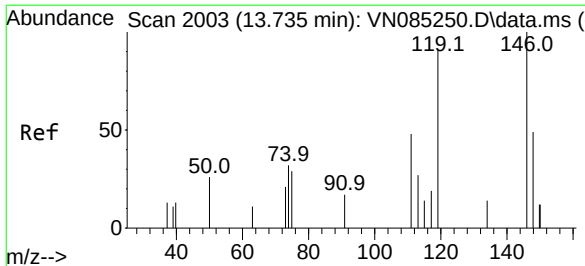


#86
p-Isopropyltoluene
Concen: 100.694 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56



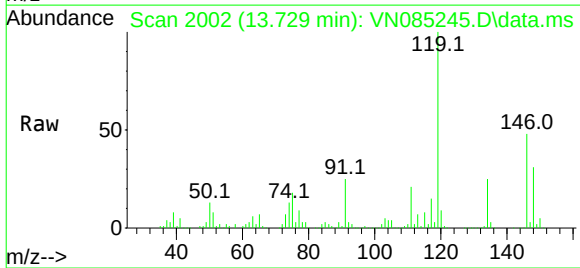
Tgt Ion:119 Resp: 710842
Ion Ratio Lower Upper
119 100
134 25.4 12.5 37.5
91 26.1 13.0 38.9





#87
1,3-Dichlorobenzene
Concen: 104.626 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

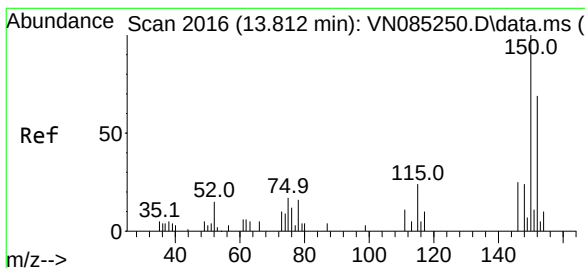
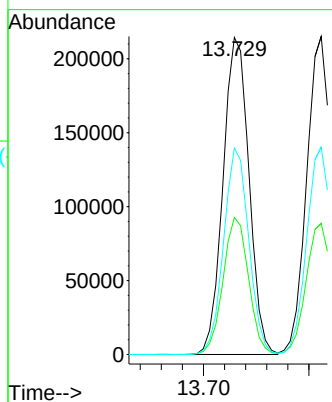
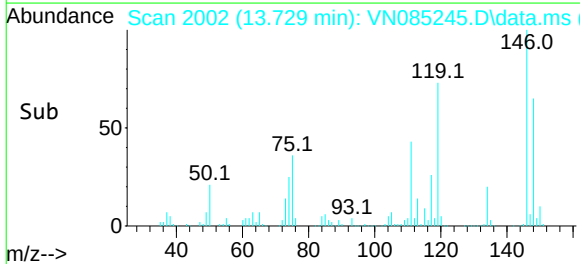
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:146 Resp: 366762
Ion Ratio Lower Upper
146 100
111 42.5 21.5 64.5
148 63.2 31.4 94.0

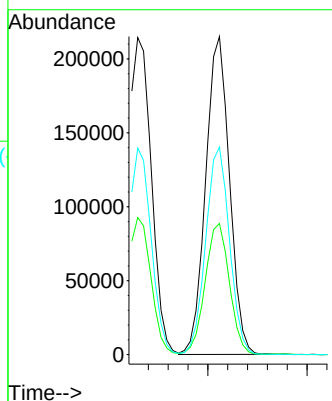
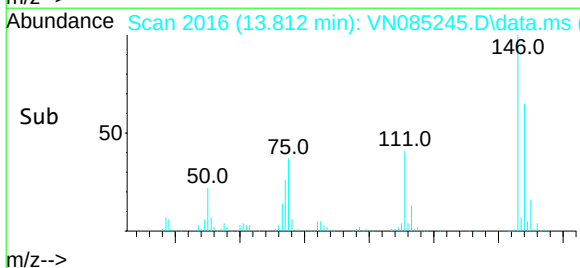
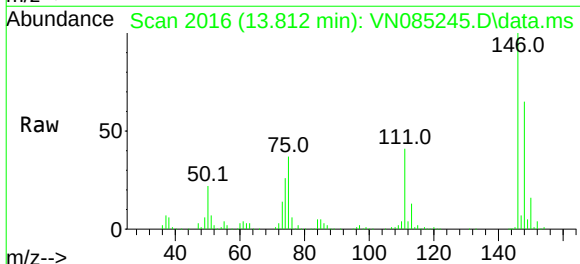
Manual Integrations
APPROVED

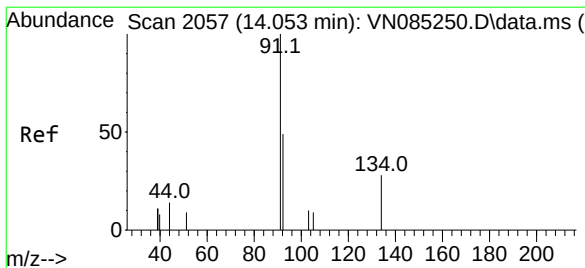
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#88
1,4-Dichlorobenzene
Concen: 98.872 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

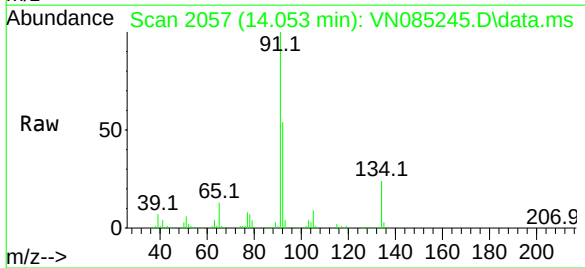
Tgt Ion:146 Resp: 358619
Ion Ratio Lower Upper
146 100
111 41.8 20.8 62.5
148 65.3 31.9 95.9





#89
n-Butylbenzene
Concen: 122.994 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

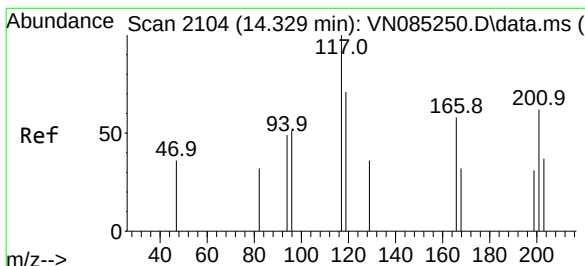
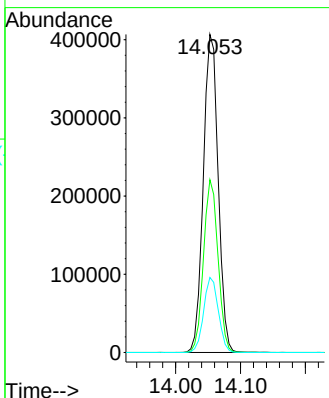
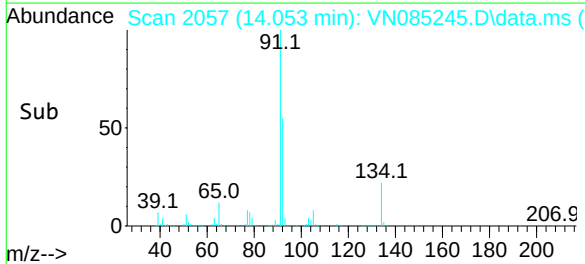
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 646693
Ion Ratio Lower Upper
91 100
92 53.0 25.8 77.3
134 23.4 12.0 36.0

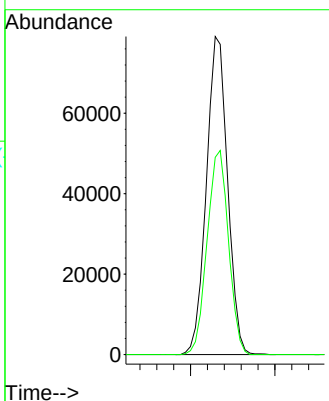
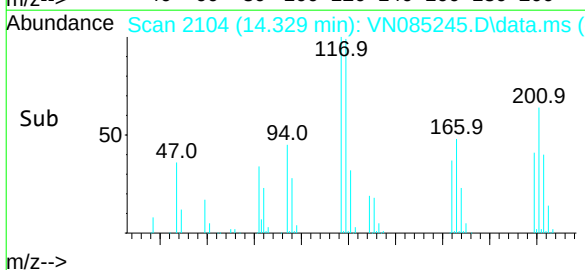
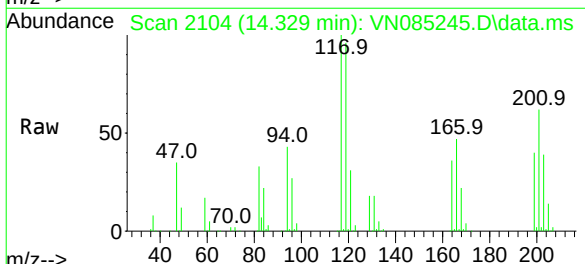
Manual Integrations
APPROVED

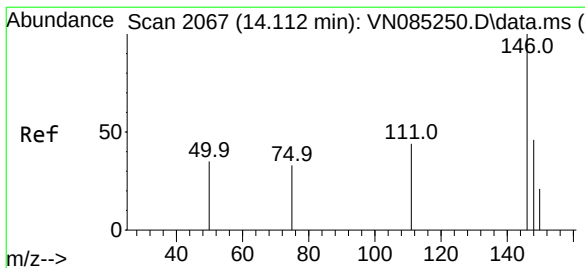
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#90
Hexachloroethane
Concen: 105.146 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

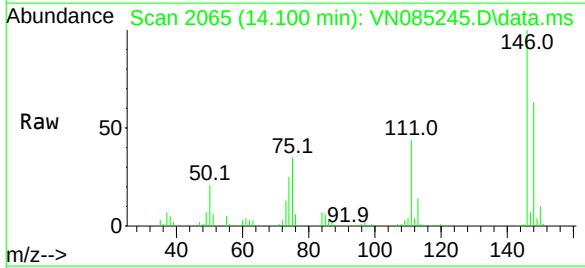
Tgt Ion:117 Resp: 138100
Ion Ratio Lower Upper
117 100
201 64.7 31.9 95.7





#91
1,2-Dichlorobenzene
Concen: 104.926 ug/l
RT: 14.100 min Scan# 2067
Delta R.T. -0.006 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56

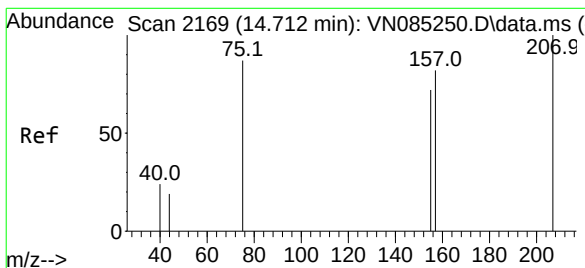
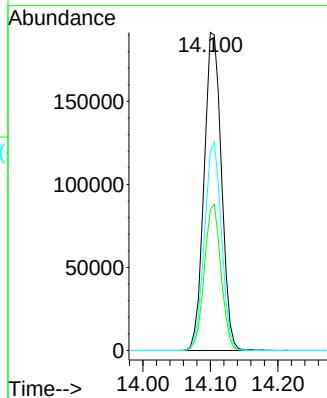
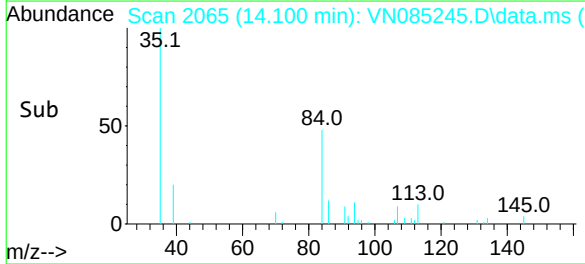
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



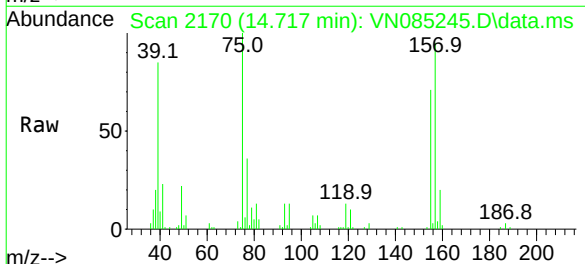
Tgt Ion: 146 Resp: 342103
Ion Ratio Lower Upper
146 100
111 44.2 22.1 66.1
148 64.1 31.9 95.9

Manual Integrations
APPROVED

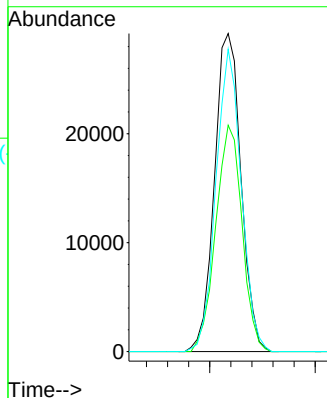
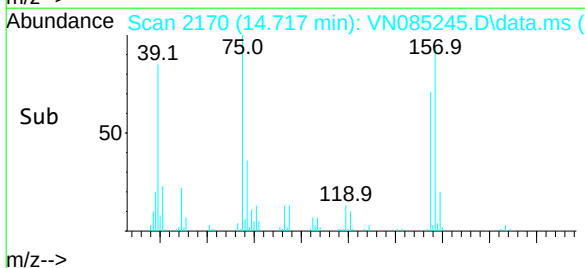
Reviewed By : John Carlone 12/20/2024
Supervised By : Mahesh Dadoda 12/20/2024

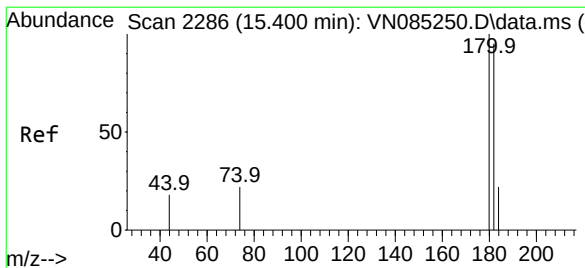


#92
1,2-Dibromo-3-Chloropropane
Concen: 102.989 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085245.D
Acq: 18 Dec 2024 11:56



Tgt Ion: 75 Resp: 51018
Ion Ratio Lower Upper
75 100
155 70.6 35.4 106.2
157 90.6 43.3 129.9





#93

1,2,4-Trichlorobenzene

Concen: 107.368 ug/l

RT: 15.388 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VN085245.D

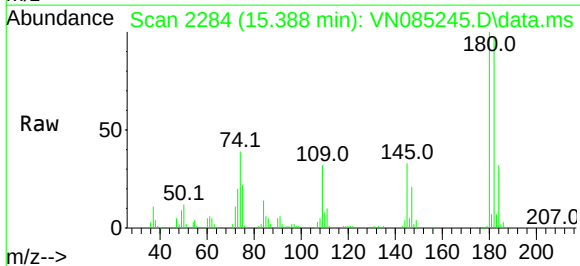
Acq: 18 Dec 2024 11:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100



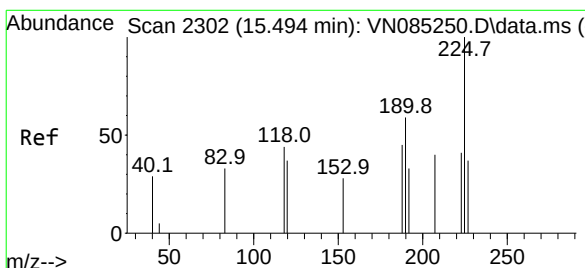
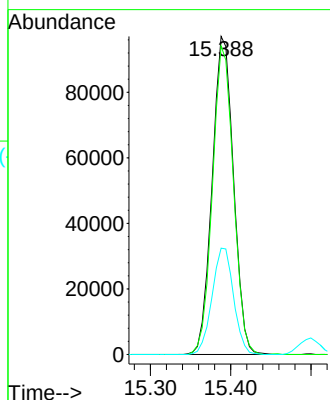
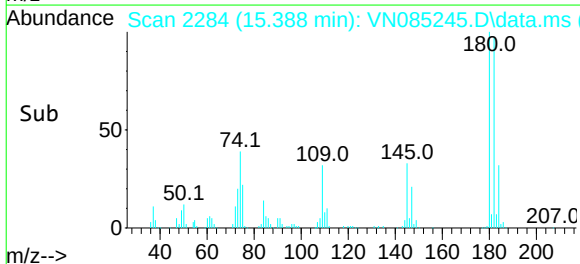
Tgt Ion:	180	Resp:	179196
Ion Ratio	Lower	Upper	
180	100		
182	95.1	46.3	138.8
145	33.6	16.6	49.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#94

Hexachlorobutadiene

Concen: 92.524 ug/l

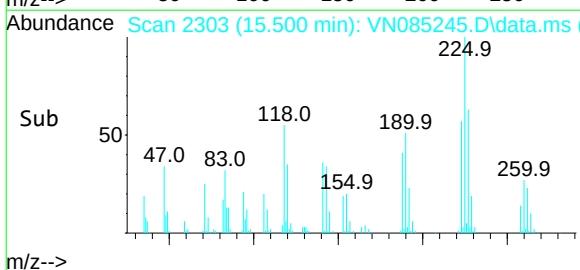
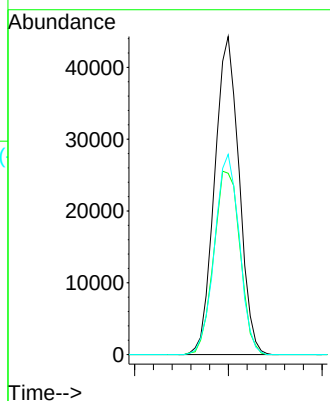
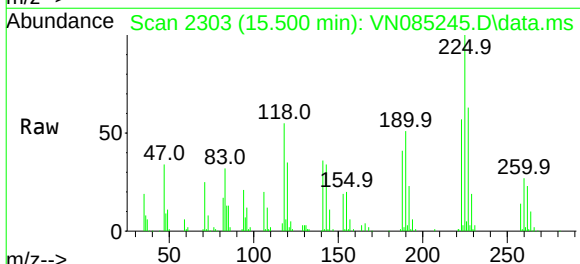
RT: 15.500 min Scan# 2303

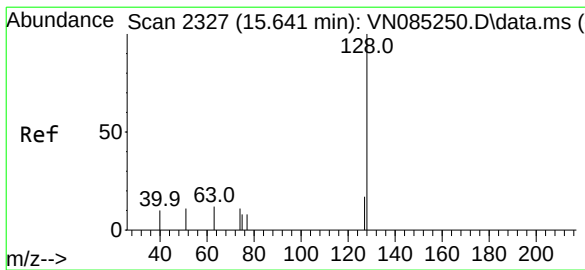
Delta R.T. 0.006 min

Lab File: VN085245.D

Acq: 18 Dec 2024 11:56

Tgt Ion:	225	Resp:	80258
Ion Ratio	Lower	Upper	
225	100		
223	62.0	34.1	102.2
227	63.5	33.2	99.6





#95

Naphthalene

Concen: 107.976 ug/l

RT: 15.635 min Scan# 23

Delta R.T. -0.006 min

Lab File: VN085245.D

Acq: 18 Dec 2024 11:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

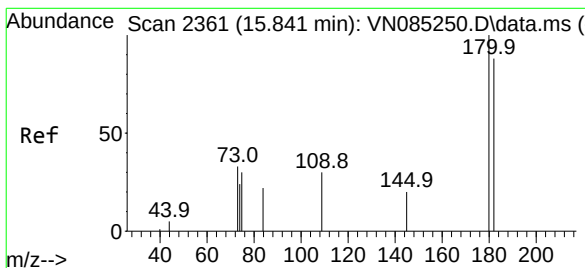
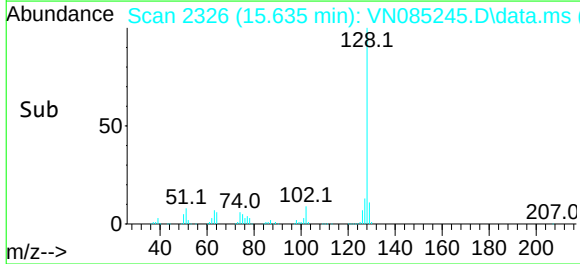
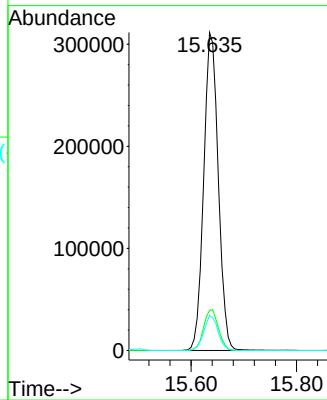
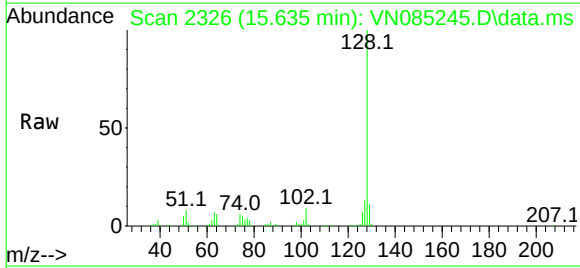
Tgt Ion:	128	Resp:	596784
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.3	15.5
129	10.8	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#96

1,2,3-Trichlorobenzene

Concen: 102.240 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085245.D

Acq: 18 Dec 2024 11:56

Tgt Ion:	180	Resp:	170435
Ion Ratio	Lower	Upper	
180	100		
182	96.1	46.9	140.6
145	35.3	17.6	52.8

