

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
 Data File : VN085286.D
 Acq On : 23 Dec 2024 11:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/26/2024
 Supervised By : Mahesh Dadoda 12/26/2024

Quant Time: Dec 24 04:05:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	177949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	299262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	263260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	124655	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.571	65	136855	44.001	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.000%
35) Dibromofluoromethane	8.159	113	102925	48.920	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.840%
50) Toluene-d8	10.559	98	390622	50.797	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.600%
62) 4-Bromofluorobenzene	12.841	95	128196	46.674	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.340%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	148754	52.474	ug/l	97
3) Chloromethane	2.359	50	143161	52.982	ug/l	100
4) Vinyl Chloride	2.518	62	144088	56.913	ug/l	96
5) Bromomethane	2.965	94	83486	50.269	ug/l	100
6) Chloroethane	3.124	64	84721	54.503	ug/l	99
7) Trichlorofluoromethane	3.506	101	204715	50.073	ug/l	96
8) Diethyl Ether	3.959	74	66993	52.170	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	118284	53.944	ug/l	96
10) Methyl Iodide	4.589	142	135435	54.171	ug/l	94
11) Tert butyl alcohol	5.500	59	64006	148.147	ug/l	99
12) 1,1-Dichloroethene	4.342	96	108470	53.405	ug/l	91
13) Acrolein	4.171	56	93965	188.857	ug/l	97
14) Allyl chloride	5.024	41	174466	49.600	ug/l	95
15) Acrylonitrile	5.706	53	249358	211.902	ug/l	98
16) Acetone	4.418	43	219530	204.479	ug/l	90
17) Carbon Disulfide	4.712	76	334089	48.200	ug/l	97
18) Methyl Acetate	5.012	43	123666	40.687	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	340801	48.954	ug/l	96
20) Methylene Chloride	5.271	84	119518	50.892	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	112358	50.176	ug/l	96
22) Diisopropyl ether	6.665	45	396246	52.806	ug/l	99
23) Vinyl Acetate	6.594	43	1388842	239.528	ug/l	99
24) 1,1-Dichloroethane	6.559	63	228459	52.559	ug/l	99
25) 2-Butanone	7.471	43	319752	194.482	ug/l	97
26) 2,2-Dichloropropane	7.483	77	203099	50.460	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	131988	50.624	ug/l	98
28) Bromochloromethane	7.806	49	112718	51.419	ug/l	100
29) Tetrahydrofuran	7.830	42	210125	198.263	ug/l	99
30) Chloroform	7.959	83	225810	48.646	ug/l	99
31) Cyclohexane	8.253	56	196056	48.723	ug/l	99
32) 1,1,1-Trichloroethane	8.159	97	200479	48.457	ug/l	99
36) 1,1-Dichloropropene	8.365	75	165797	56.593	ug/l	100
37) Ethyl Acetate	7.553	43	136456	40.373	ug/l	99
38) Carbon Tetrachloride	8.359	117	177201	50.026	ug/l	99
39) Methylcyclohexane	9.594	83	182731	59.939	ug/l	97
40) Benzene	8.600	78	497041	54.535	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	78573	45.616	ug/l	98
42) 1,2-Dichloroethane	8.665	62	169550	48.839	ug/l	98
43) Isopropyl Acetate	8.683	43	239753	38.789	ug/l	97
44) Trichloroethene	9.347	130	113351	55.862	ug/l	98
45) 1,2-Dichloropropane	9.612	63	124017	54.957	ug/l	99
46) Dibromomethane	9.700	93	81916	50.850	ug/l	99
47) Bromodichloromethane	9.882	83	176138	51.033	ug/l	99
48) Methyl methacrylate	9.677	41	116159	45.845	ug/l	98
49) 1,4-Dioxane	9.688	88	28702	718.480	ug/l #	78
51) 4-Methyl-2-Pentanone	10.435	43	663472	204.294	ug/l	98
52) Toluene	10.624	92	297568	54.299	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	177969	52.900	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	195399	54.628	ug/l	93
55) 1,1,2-Trichloroethane	11.012	97	104925	51.133	ug/l	99
56) Ethyl methacrylate	10.871	69	160848	41.619	ug/l	97
57) 1,3-Dichloropropane	11.159	76	187798	51.998	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	341576	188.663	ug/l	99
59) 2-Hexanone	11.188	43	467432	201.912	ug/l	98
60) Dibromochloromethane	11.353	129	123280	50.692	ug/l	99
61) 1,2-Dibromoethane	11.465	107	102205	48.356	ug/l	99
64) Tetrachloroethene	11.100	164	100988	57.006	ug/l	96
65) Chlorobenzene	11.888	112	315810	53.367	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.953	131	109534	53.054	ug/l	98
67) Ethyl Benzene	11.959	91	563867	55.591	ug/l	99
68) m/p-Xylenes	12.065	106	431125	113.645	ug/l	97
69) o-Xylene	12.394	106	201102	56.398	ug/l	98
70) Styrene	12.406	104	340375	57.179	ug/l	98
71) Bromoform	12.571	173	74748	46.188	ug/l #	99
73) Isopropylbenzene	12.688	105	517095	57.504	ug/l	99
74) N-amyl acetate	12.488	43	206248	45.922	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	138728	43.299	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	122019m	41.065	ug/l	
77) Bromobenzene	12.976	156	120739	51.139	ug/l	95
78) n-propylbenzene	13.029	91	629889	57.116	ug/l	99
79) 2-Chlorotoluene	13.118	91	371796	53.098	ug/l	97
80) 1,3,5-Trimethylbenzene	13.165	105	433427	57.787	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.729	75	49892	44.585	ug/l	96
82) 4-Chlorotoluene	13.218	91	382718	54.013	ug/l	98
83) tert-Butylbenzene	13.435	119	362480	56.986	ug/l	95
84) 1,2,4-Trimethylbenzene	13.476	105	445880	58.157	ug/l	100
85) sec-Butylbenzene	13.612	105	529651	59.726	ug/l	100
86) p-Isopropyltoluene	13.723	119	441568	51.402	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	228855	52.635	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	227045	50.468	ug/l	99
89) n-Butylbenzene	14.053	91	396027	60.725	ug/l	99
90) Hexachloroethane	14.329	117	82072	50.380	ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	217109	53.687	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	24843	40.433	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	114090	55.113	ug/l	99
94) Hexachlorobutadiene	15.494	225	53165	49.414	ug/l	95
95) Naphthalene	15.635	128	309579	45.159	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	105846	51.191	ug/l	97

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Instrument :
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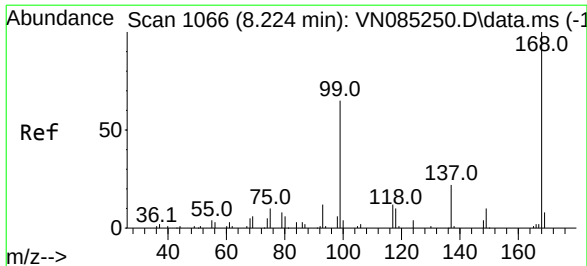
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration

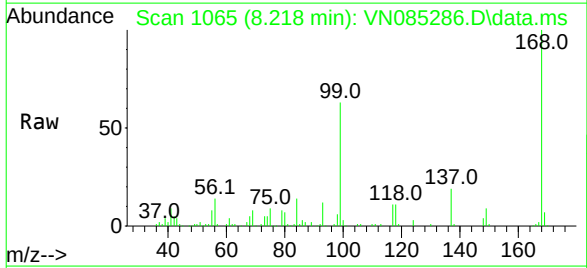
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN085286.D
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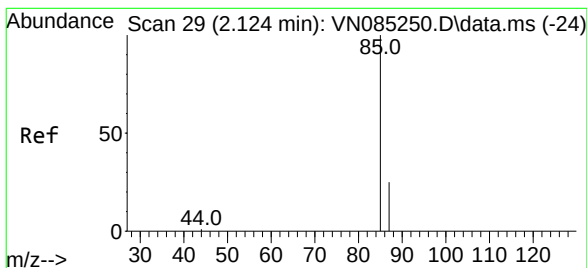
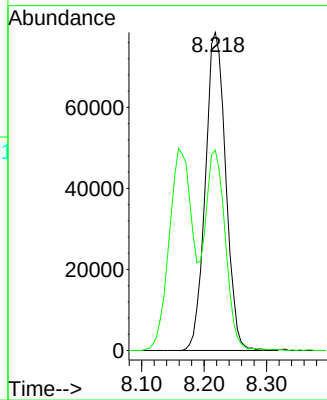
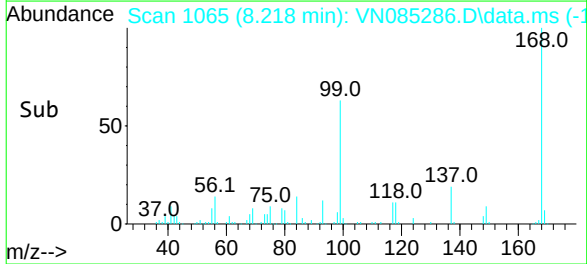
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 168 Resp: 177949
Ion Ratio Lower Upper
168 100
99 62.8 50.7 76.1

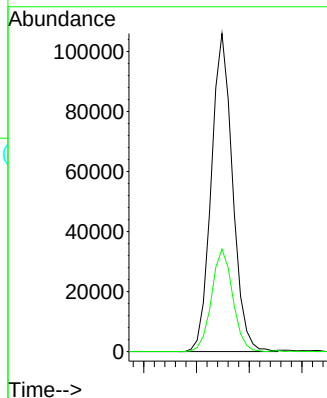
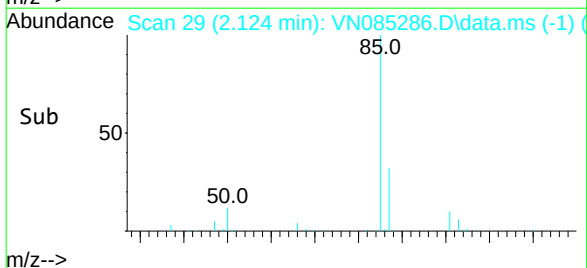
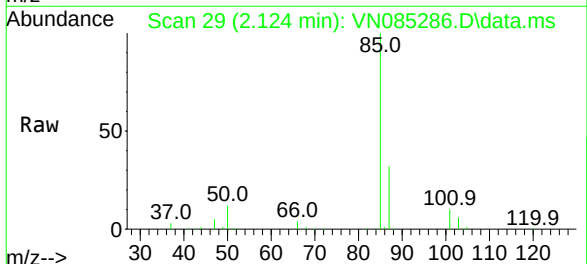
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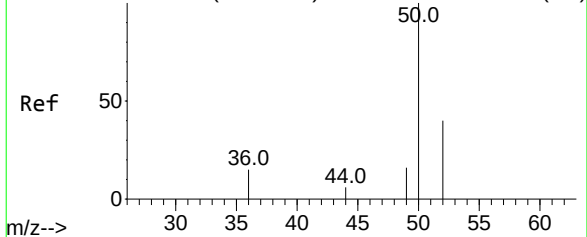


#2
Dichlorodifluoromethane
Concen: 52.474 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

Tgt Ion: 85 Resp: 148754
Ion Ratio Lower Upper
85 100
87 32.2 17.1 51.3



Abundance Scan 69 (2.359 min): VN085250.D\data.ms (-65)



#3

Chloromethane

Concen: 52.982 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN085286.D

Acq: 23 Dec 2024 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 143161

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.2

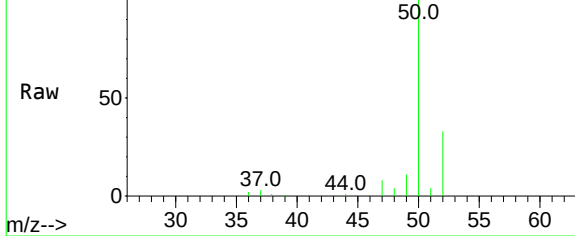
Manual Integrations

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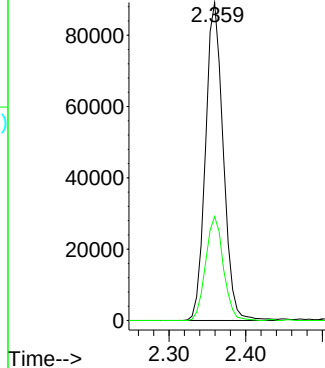
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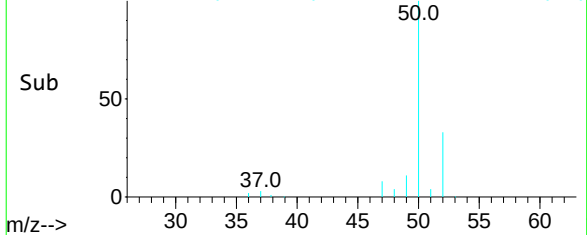
Abundance Scan 69 (2.359 min): VN085286.D\data.ms



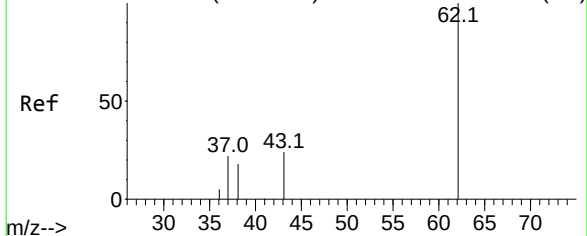
Abundance



Abundance Scan 69 (2.359 min): VN085286.D\data.ms (-18)



Abundance Scan 95 (2.512 min): VN085250.D\data.ms (-89)



#4

Vinyl Chloride

Concen: 56.913 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN085286.D

Acq: 23 Dec 2024 11:25

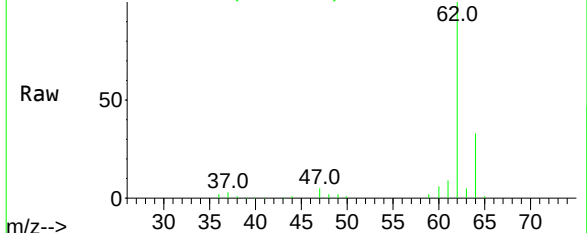
Tgt Ion: 62 Resp: 144088

Ion Ratio Lower Upper

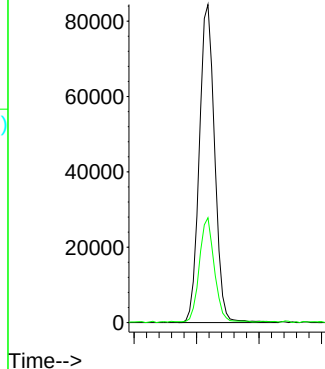
62 100

64 32.7 24.5 36.7

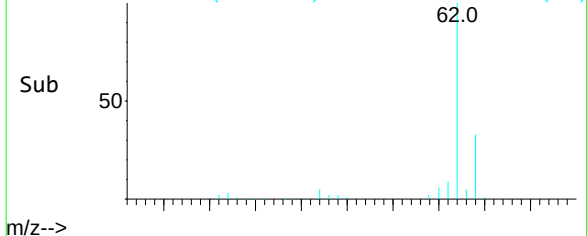
Abundance Scan 96 (2.518 min): VN085286.D\data.ms

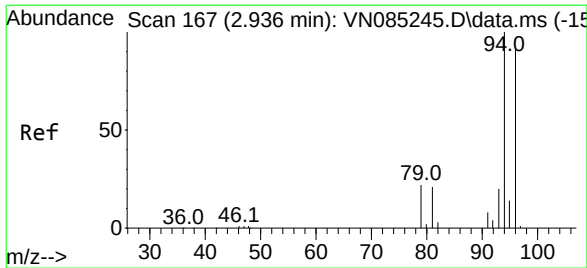


Abundance



Abundance Scan 96 (2.518 min): VN085286.D\data.ms (-44)





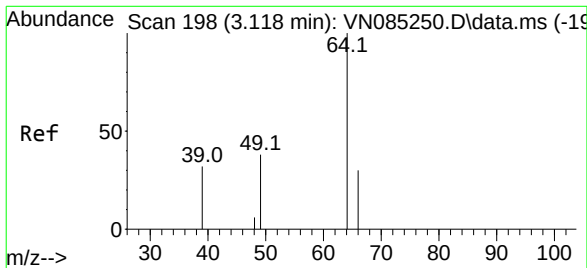
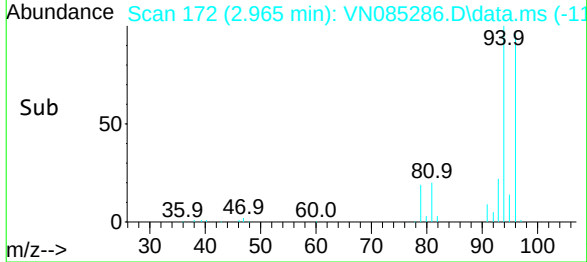
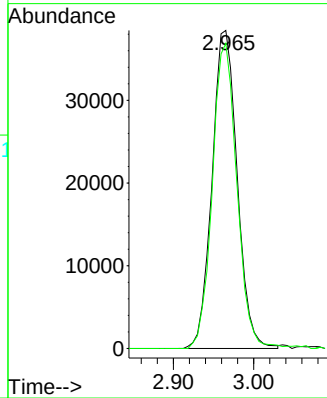
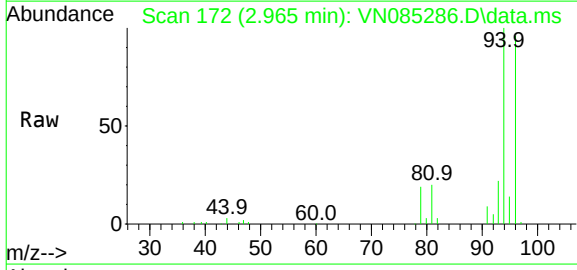
#5
Bromomethane
Concen: 50.269 ug/l
RT: 2.965 min Scan# 171
Delta R.T. 0.018 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

Instrument :
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Tgt Ion: 94 Resp: 83486
Ion Ratio Lower Upper
94 100
96 95.9 76.8 115.2

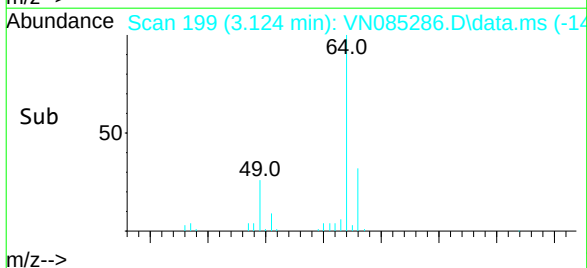
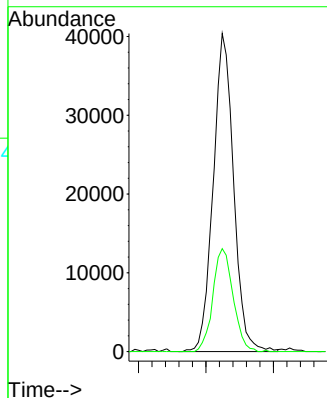
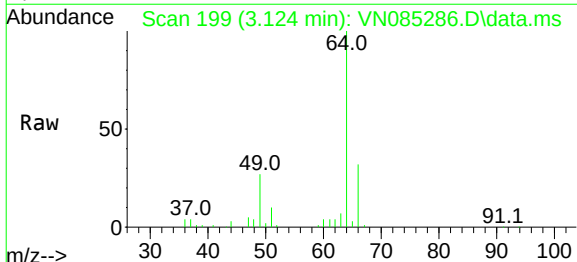
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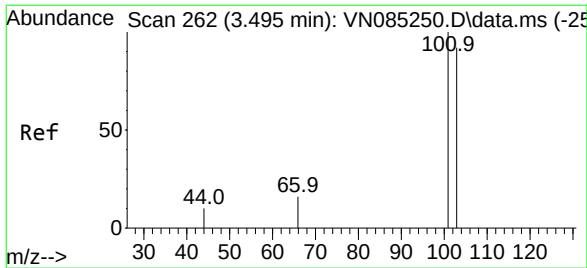
Reviewed By :John Carlone 12/26/2024
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#6
Chloroethane
Concen: 54.503 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

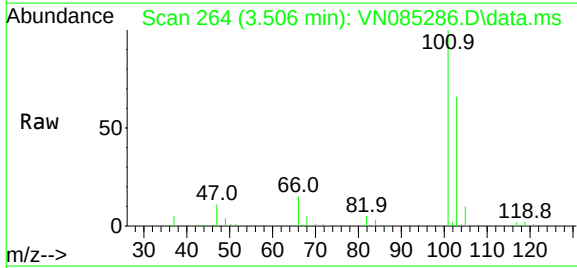
Tgt Ion: 64 Resp: 84721
Ion Ratio Lower Upper
64 100
66 32.4 26.3 39.5





#7
Trichlorofluoromethane
Concen: 50.073 ug/l
RT: 3.506 min Scan# 262
Delta R.T. 0.012 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

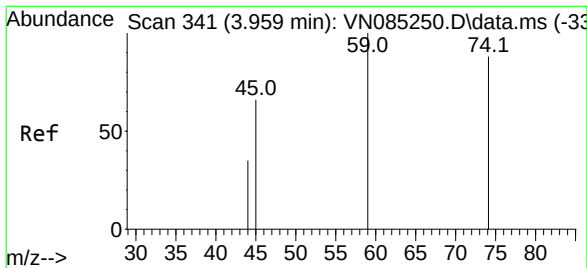
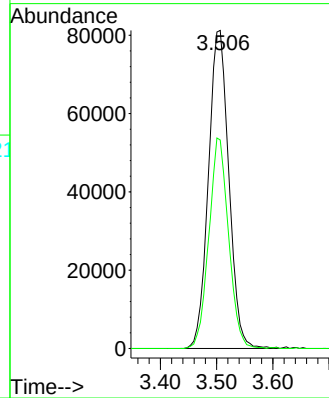
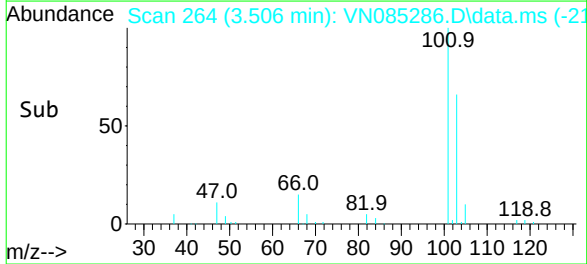
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion: 101 Resp: 204715
Ion Ratio Lower Upper
101 100
103 65.6 50.2 75.4

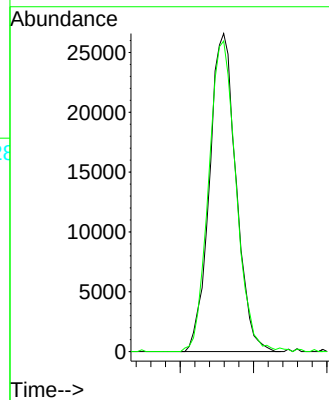
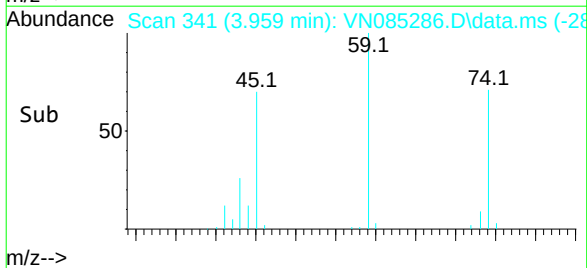
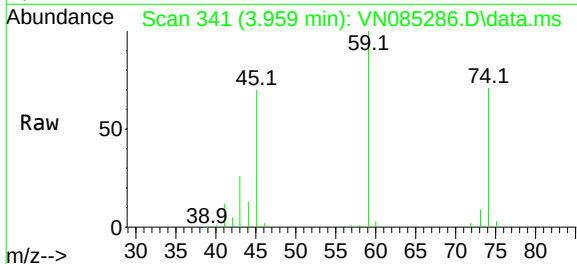
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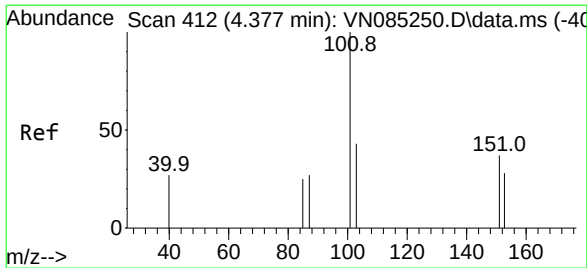
Reviewed By : John Carlone 12/26/2024
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#8
Diethyl Ether
Concen: 52.170 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN085286.D
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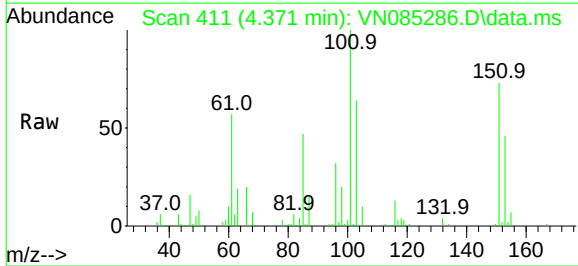
Tgt Ion: 74 Resp: 66993
Ion Ratio Lower Upper
74 100
45 100.5 50.0 150.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.944 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

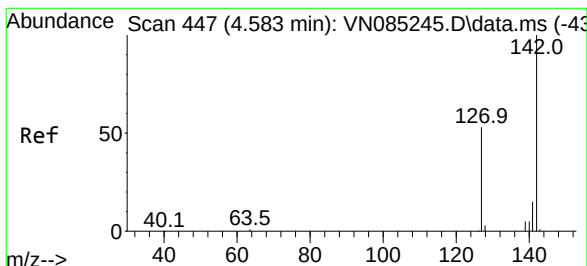
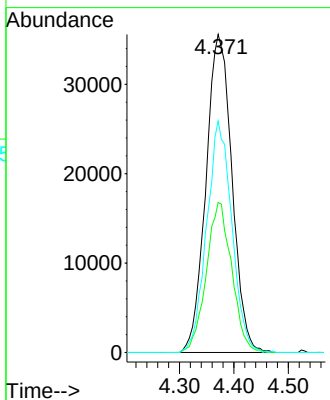
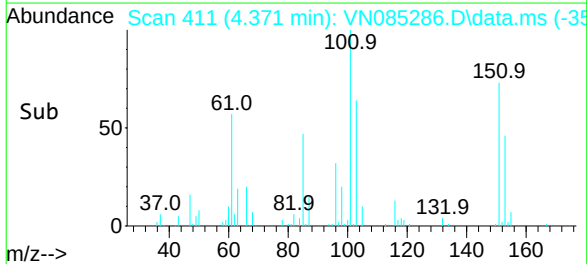
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



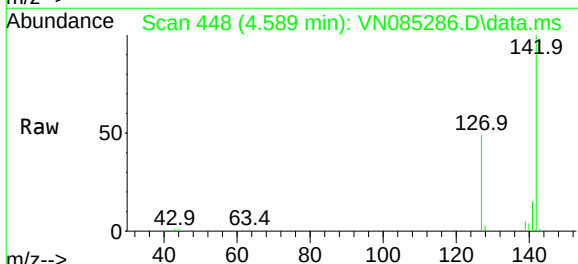
Tgt Ion:101 Resp: 118284
Ion Ratio Lower Upper
101 100
85 46.0 39.0 58.4
151 70.2 58.6 87.8

Manual Integrations
APPROVED

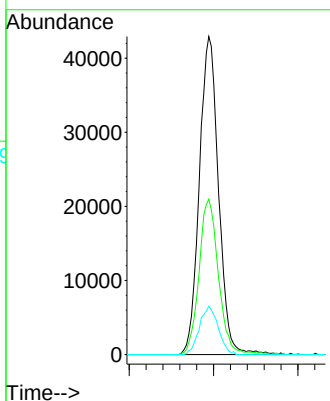
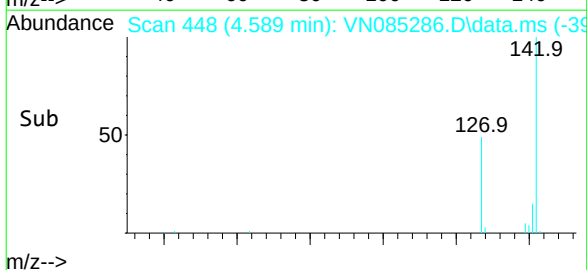
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

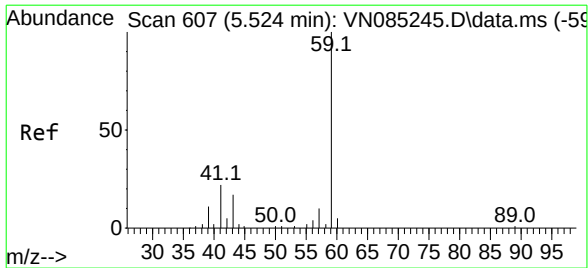


#10
Methyl Iodide
Concen: 54.171 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25



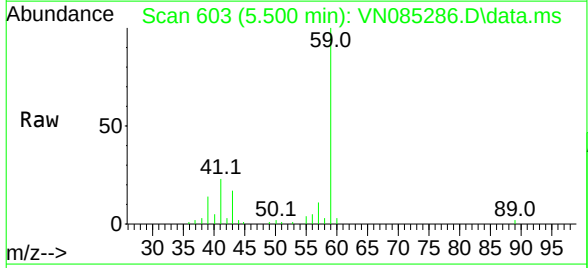
Tgt Ion:142 Resp: 135435
Ion Ratio Lower Upper
142 100
127 48.9 42.5 63.7
141 15.2 10.2 15.4





#11
Tert butyl alcohol
Concen: 148.147 ug/l
RT: 5.500 min Scan# 607
Delta R.T. -0.018 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

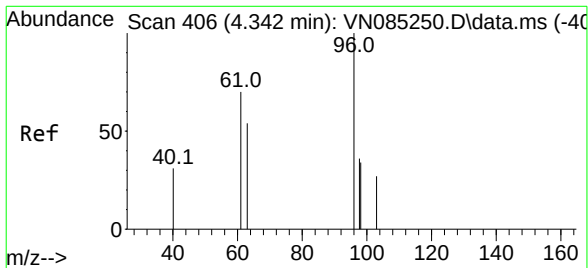
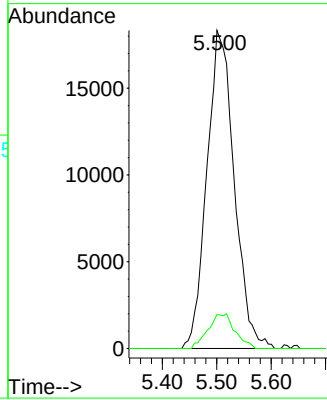
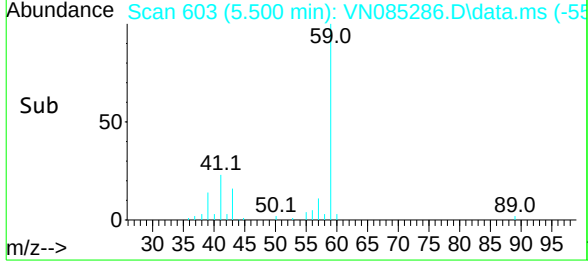
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



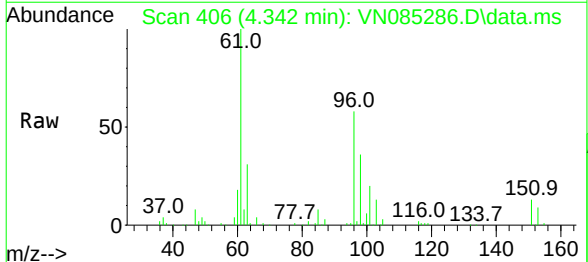
Tgt Ion: 59 Resp: 64006
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

Manual Integrations
APPROVED

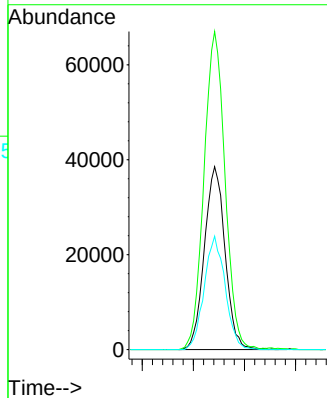
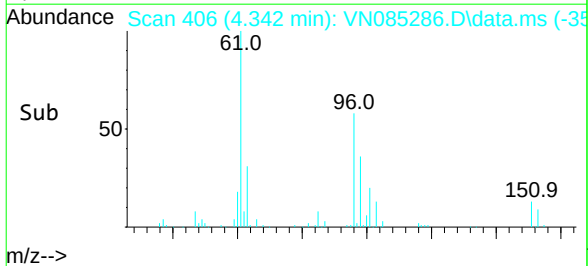
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

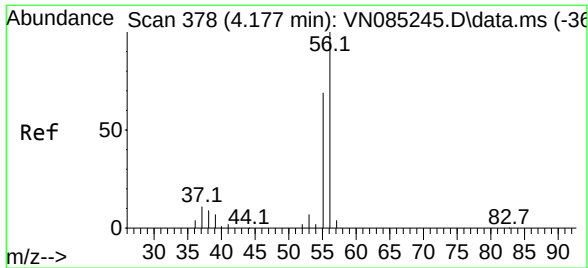


#12
1,1-Dichloroethene
Concen: 53.405 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25



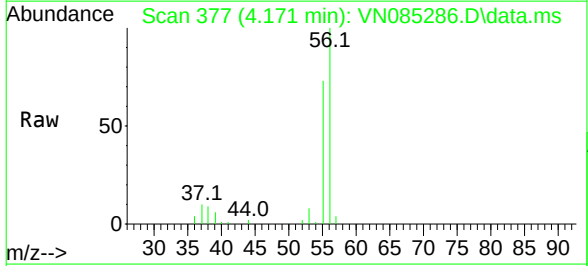
Tgt Ion: 96 Resp: 108470
Ion Ratio Lower Upper
96 100
61 173.9 151.6 227.4
98 62.0 51.9 77.9





#13
Acrolein
Concen: 188.857 ug/l
RT: 4.171 min Scan# 37
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

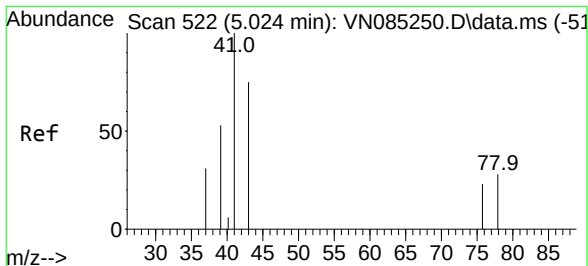
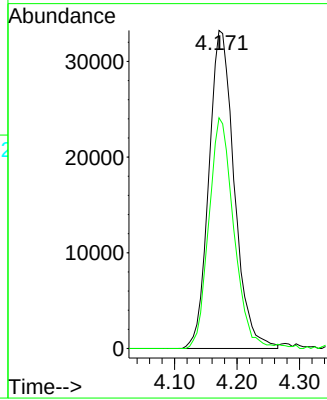
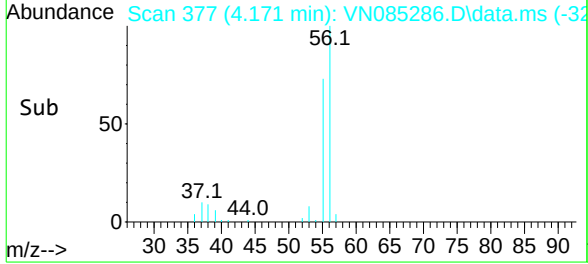
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 93965
Ion Ratio Lower Upper
56 100
55 71.0 59.0 88.6

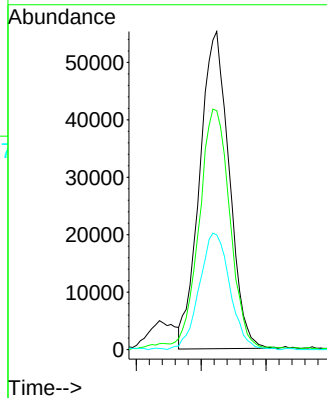
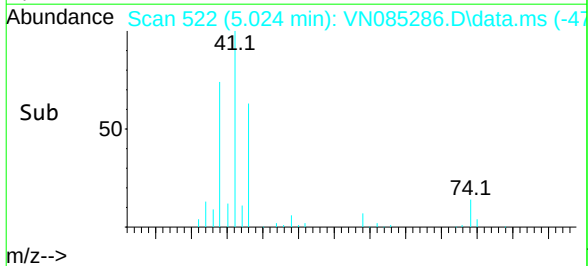
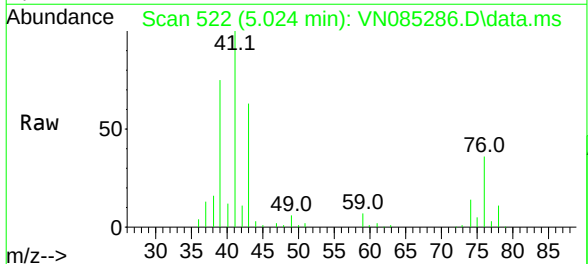
Manual Integrations
APPROVED

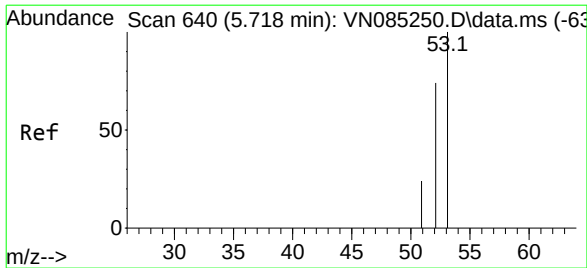
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#14
Allyl chloride
Concen: 49.600 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

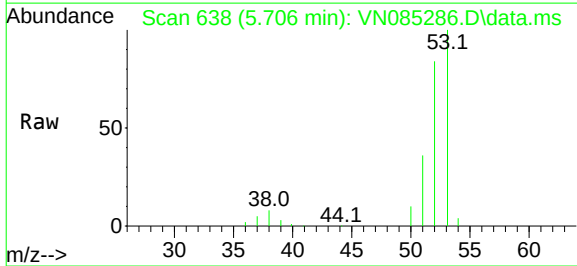
Tgt Ion: 41 Resp: 174466
Ion Ratio Lower Upper
41 100
39 78.2 66.7 100.1
76 38.1 29.4 44.2





#15
Acrylonitrile
Concen: 211.902 ug/l
RT: 5.706 min Scan# 63
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

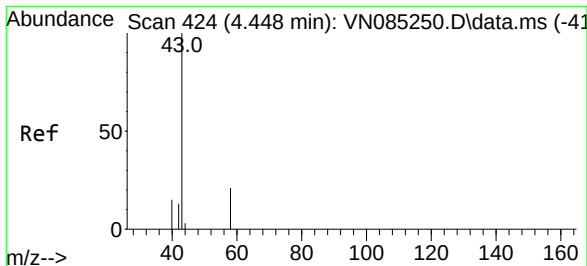
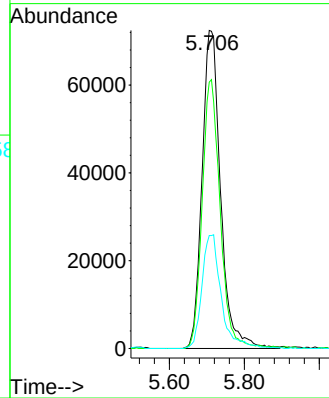
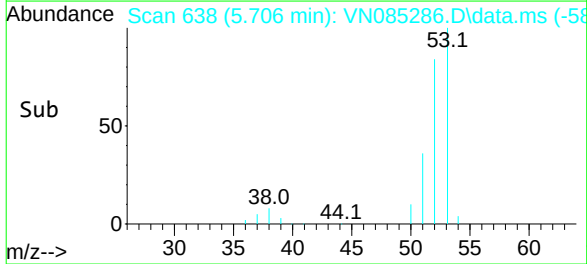
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 249358
Ion Ratio Lower Upper
53 100
52 81.3 66.3 99.5
51 37.0 28.2 42.2

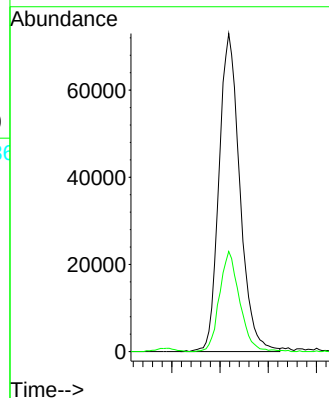
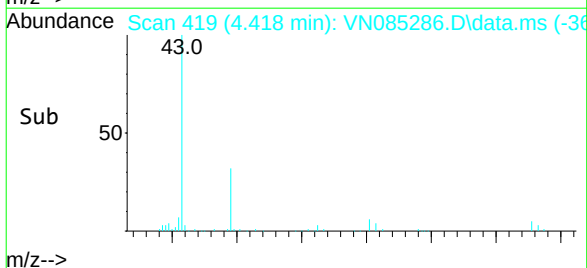
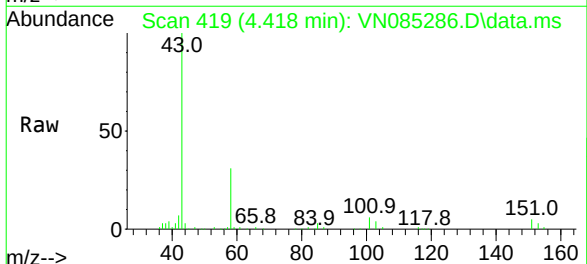
Manual Integrations
APPROVED

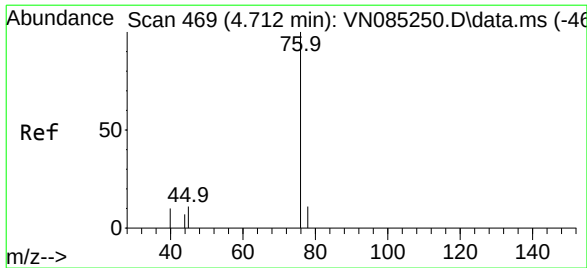
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#16
Acetone
Concen: 204.479 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

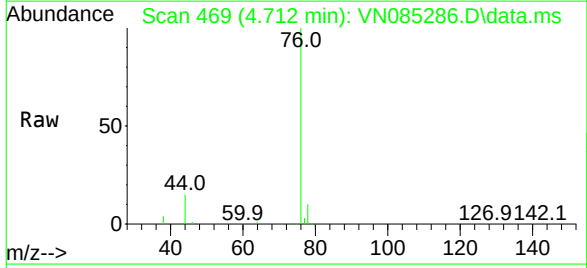
Tgt Ion: 43 Resp: 219530
Ion Ratio Lower Upper
43 100
58 31.2 20.8 31.2





#17
Carbon Disulfide
Concen: 48.200 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

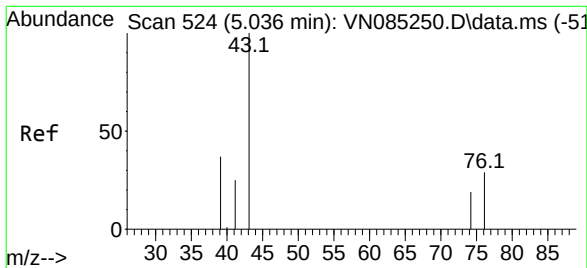
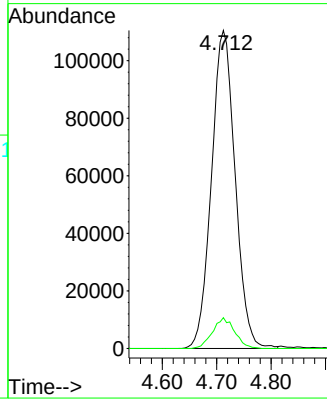
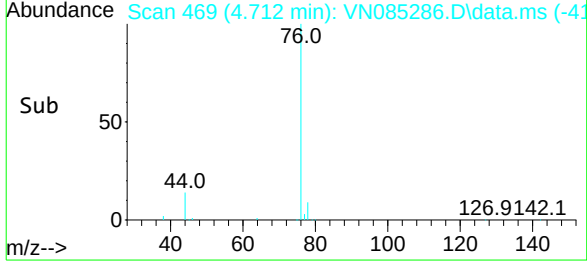
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 334089
Ion Ratio Lower Upper
76 100
78 9.7 6.8 10.2

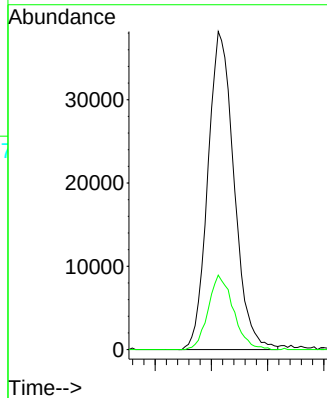
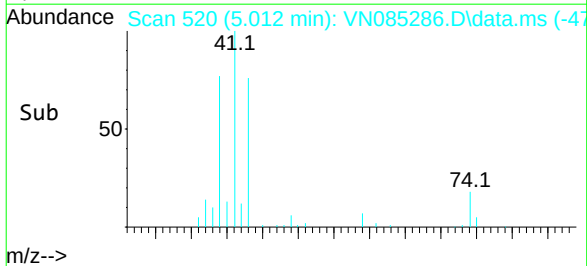
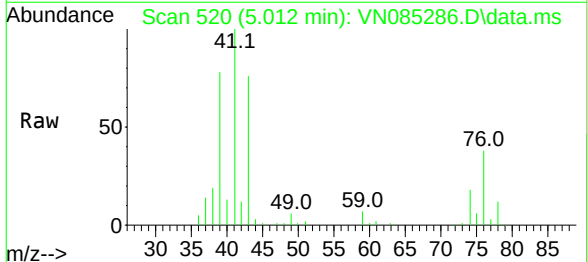
Manual Integrations
APPROVED

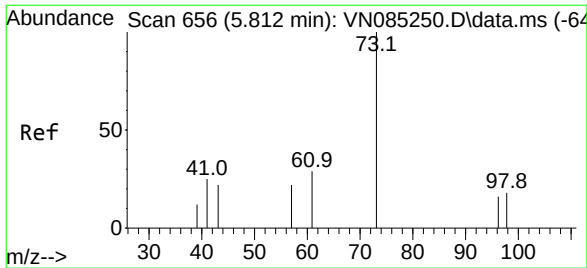
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#18
Methyl Acetate
Concen: 40.687 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

Tgt Ion: 43 Resp: 123666
Ion Ratio Lower Upper
43 100
74 22.5 17.5 26.3





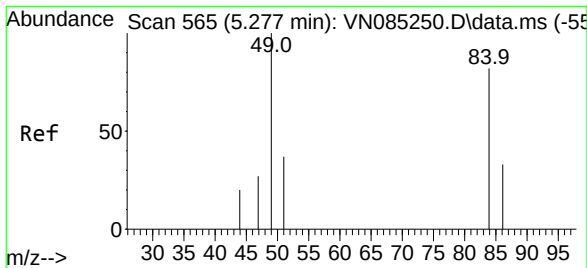
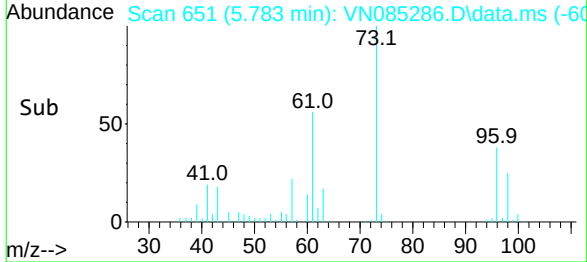
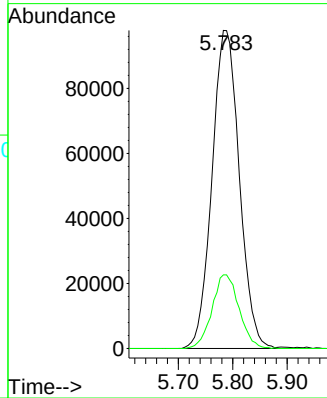
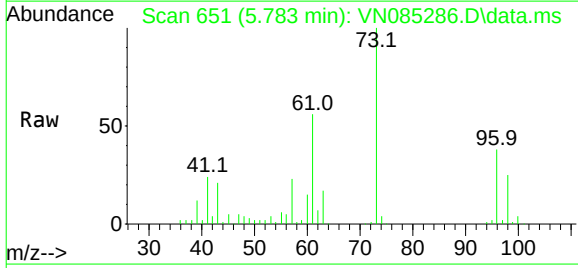
#19
Methyl tert-butyl Ether
Concen: 48.954 ug/l
RT: 5.783 min Scan# 65
Delta R.T. -0.012 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 340801
Ion Ratio Lower Upper
73 100
57 23.1 17.0 25.6

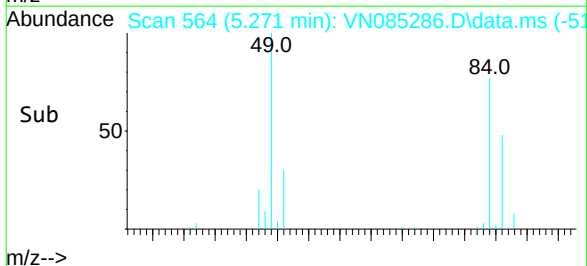
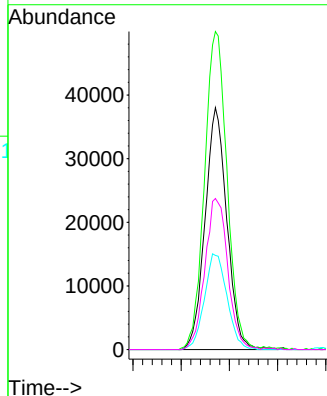
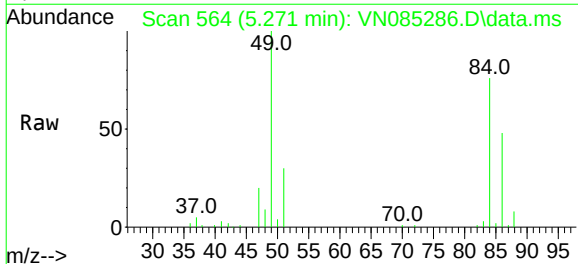
Manual Integrations
APPROVED

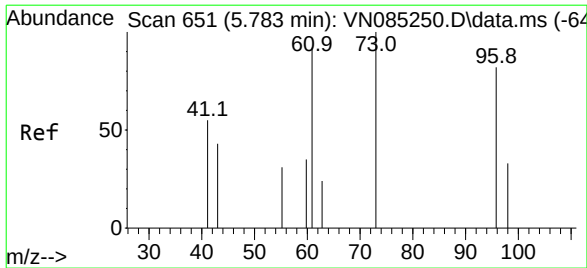
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#20
Methylene Chloride
Concen: 50.892 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

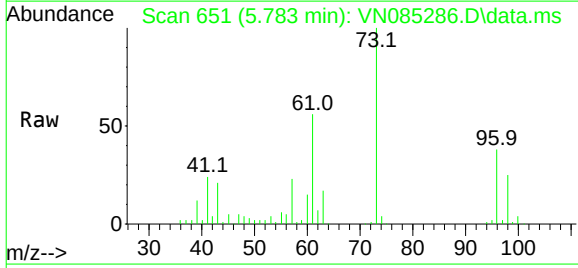
Tgt Ion: 84 Resp: 119518
Ion Ratio Lower Upper
84 100
49 131.5 103.6 155.4
51 38.9 34.2 51.2
86 62.5 48.9 73.3





#21
trans-1,2-Dichloroethene
Concen: 50.176 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

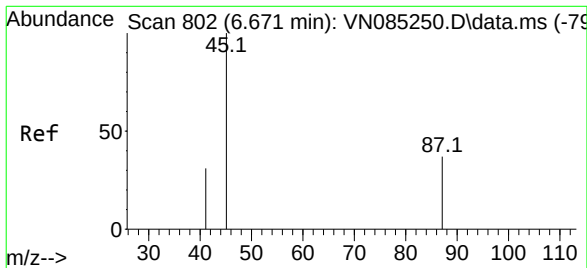
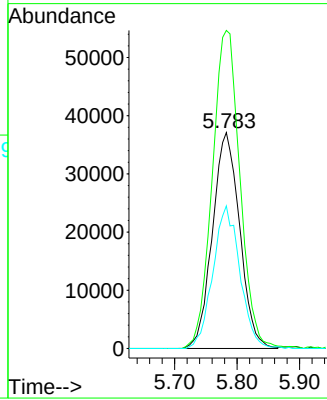
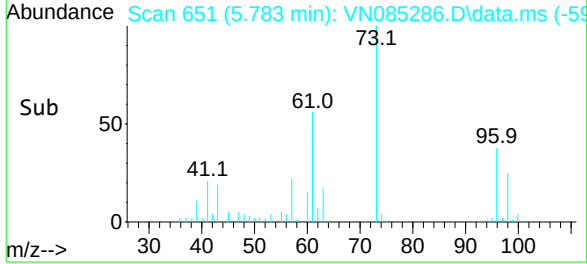
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



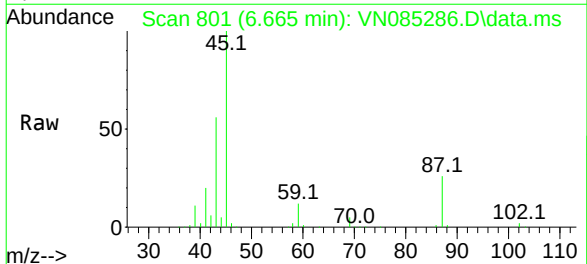
Tgt Ion: 96 Resp: 112358
Ion Ratio Lower Upper
96 100
61 147.3 122.0 183.0
98 66.0 54.3 81.5

Manual Integrations
APPROVED

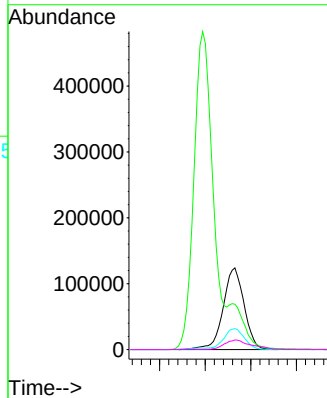
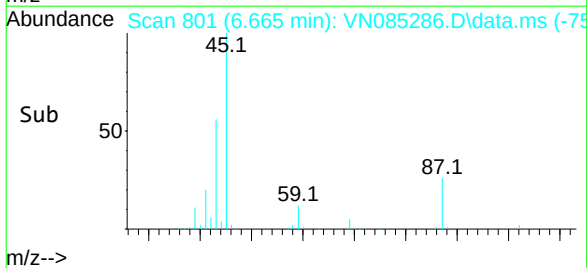
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

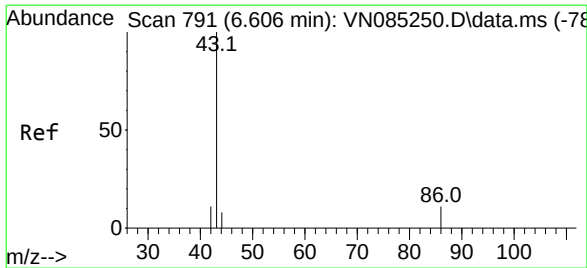


#22
Diisopropyl ether
Concen: 52.806 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25



Tgt Ion: 45 Resp: 396246
Ion Ratio Lower Upper
45 100
43 54.5 43.8 65.6
87 25.7 21.2 31.8
59 11.6 8.6 13.0





#23

Vinyl Acetate

Concen: 239.528 ug/l

RT: 6.594 min Scan# 78

Delta R.T. -0.006 min

Lab File: VN085286.D

Acq: 23 Dec 2024 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1388842

Ion Ratio Lower Upper

43 100

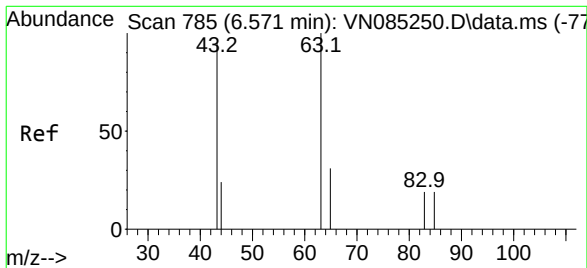
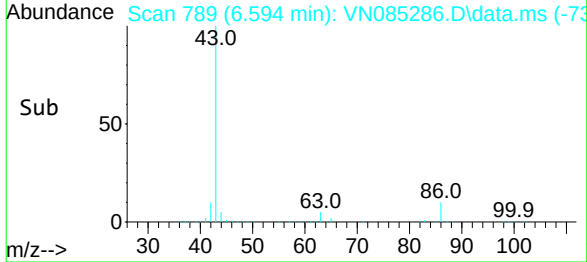
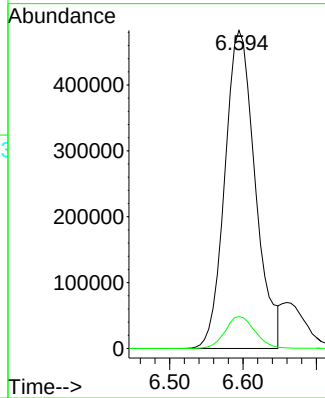
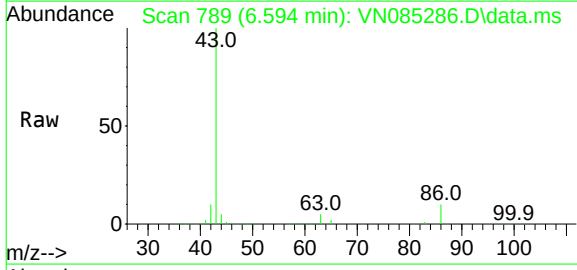
86 10.0 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#24

1,1-Dichloroethane

Concen: 52.559 ug/l

RT: 6.559 min Scan# 783

Delta R.T. -0.006 min

Lab File: VN085286.D

Acq: 23 Dec 2024 11:25

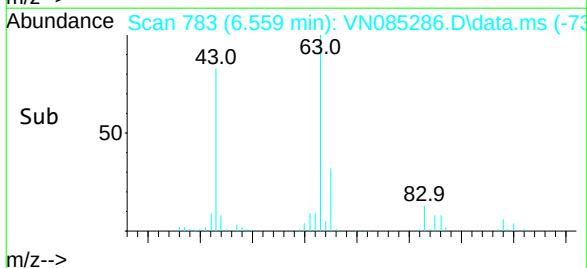
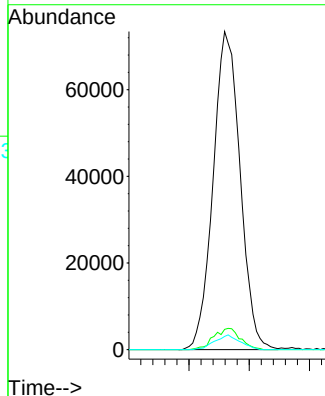
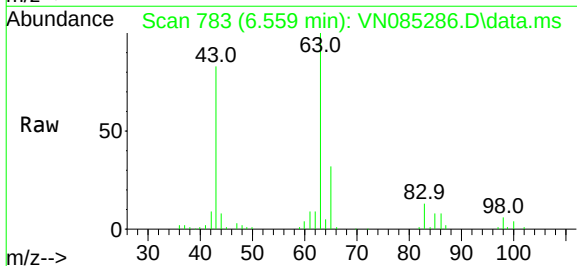
Tgt Ion: 63 Resp: 228459

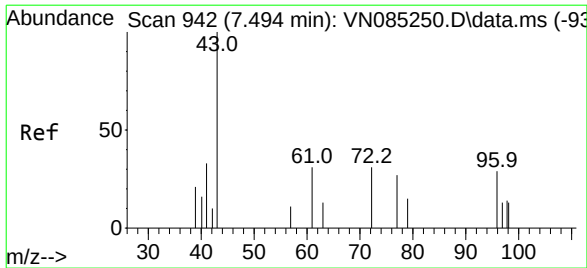
Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.6

100 4.1 2.1 6.5





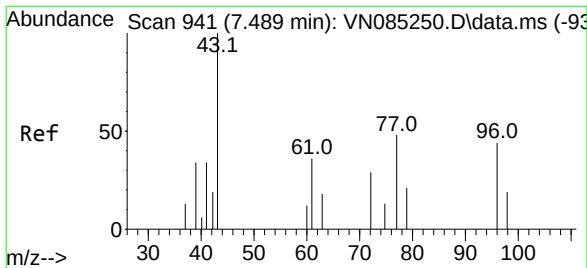
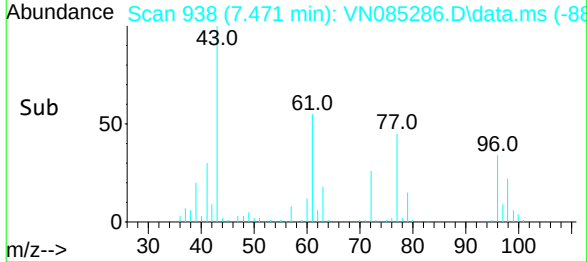
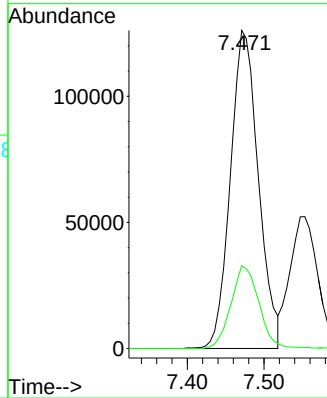
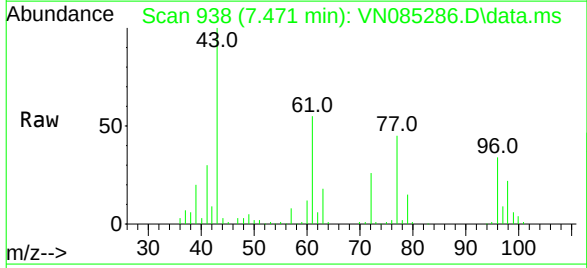
#25
2-Butanone
Concen: 194.482 ug/l
RT: 7.471 min Scan# 93
Delta R.T. -0.012 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 319752
Ion Ratio Lower Upper
43 100
72 26.0 19.6 29.4

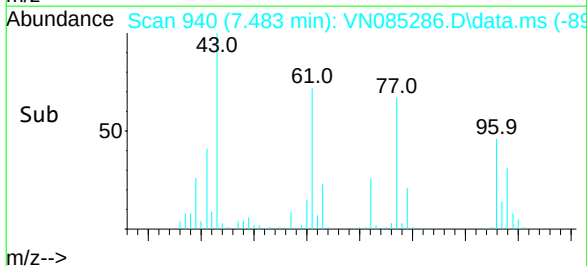
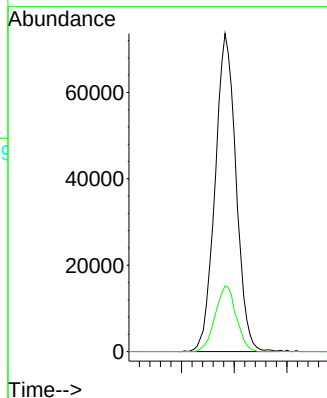
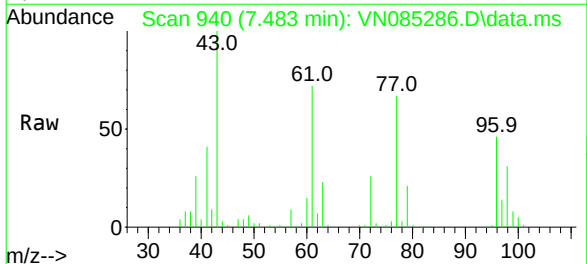
Manual Integrations
APPROVED

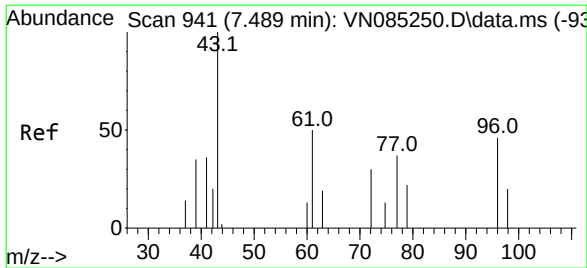
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#26
2,2-Dichloropropane
Concen: 50.460 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

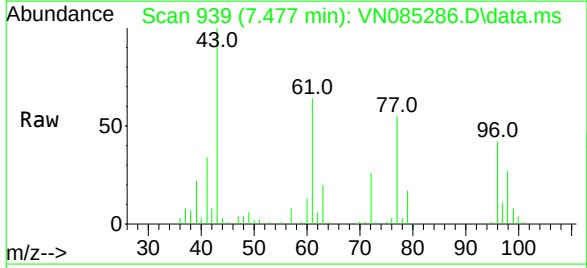
Tgt Ion: 77 Resp: 203099
Ion Ratio Lower Upper
77 100
97 20.6 10.5 31.6





#27
 cis-1,2-Dichloroethene
 Concen: 50.624 ug/l
 RT: 7.477 min Scan# 93
 Delta R.T. -0.006 min
 Lab File: VN085286.D
 Acq: 23 Dec 2024 11:25

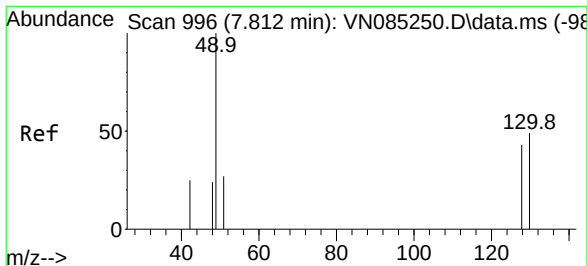
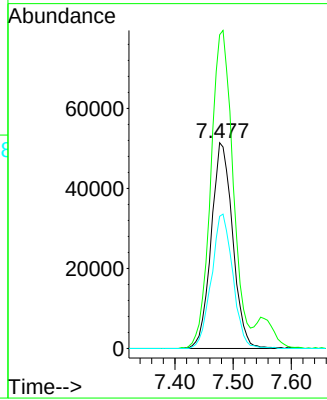
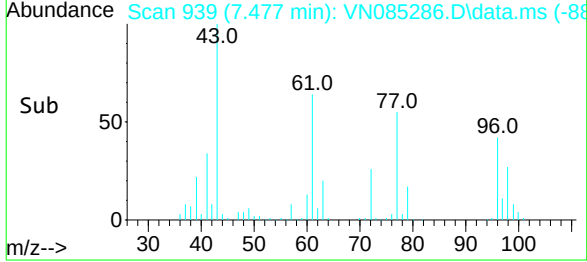
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 131988
 Ion Ratio Lower Upper
 96 100
 61 159.6 0.0 316.4
 98 65.1 0.0 125.4

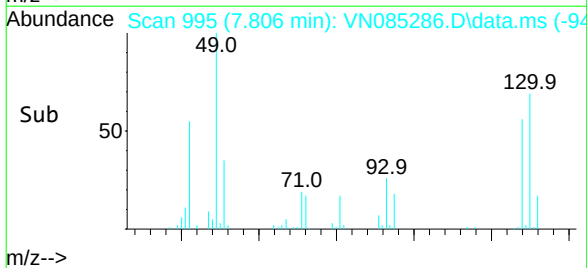
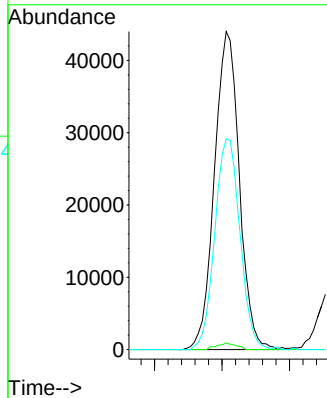
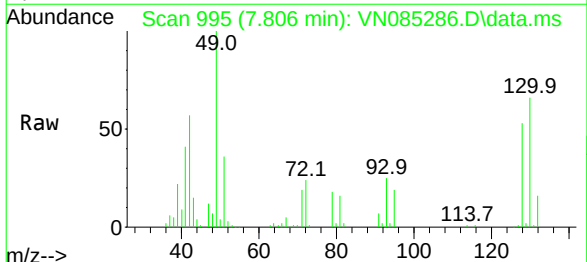
Manual Integrations
 APPROVED

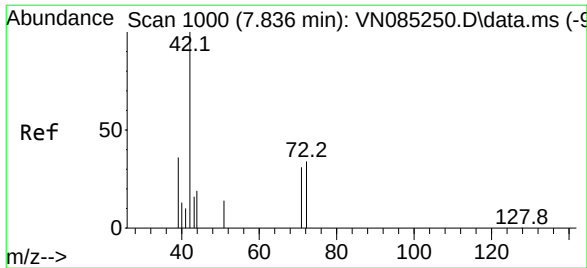
Reviewed By :John Carlone 12/26/2024
 Supervised By :Mahesh Dadoda 12/26/2024



#28
 Bromochloromethane
 Concen: 51.419 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN085286.D
 Acq: 23 Dec 2024 11:25

Tgt Ion: 49 Resp: 112718
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.4
 130 67.2 54.1 81.1





#29

Tetrahydrofuran

Concen: 198.263 ug/l

RT: 7.830 min Scan# 99

Delta R.T. -0.006 min

Lab File: VN085286.D

Acq: 23 Dec 2024 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

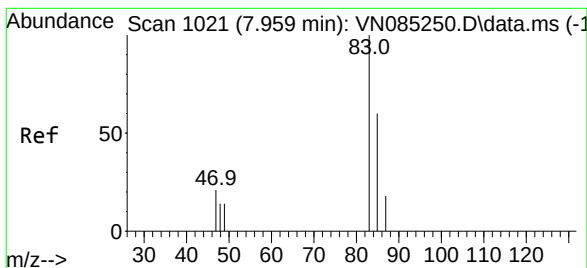
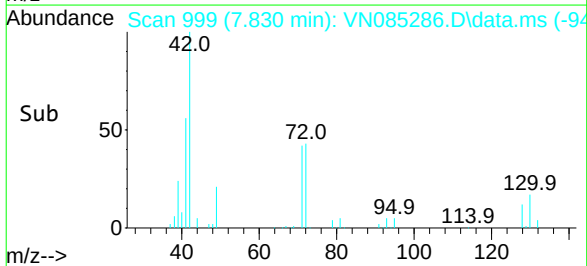
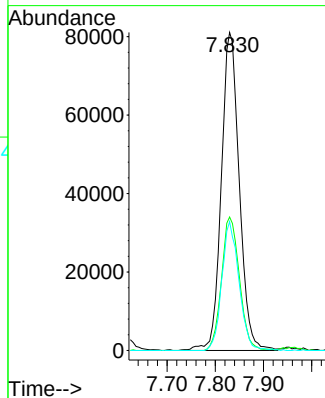
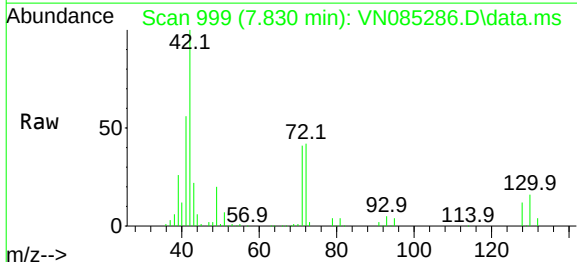
Tgt Ion:	42	Resp:	210125
Ion	Ratio	Lower	Upper
42	100		
72	41.8	32.7	49.1
71	38.7	31.4	47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#30

Chloroform

Concen: 48.646 ug/l

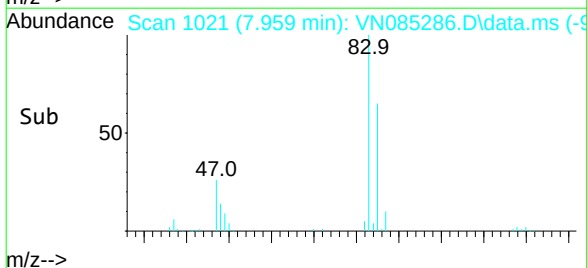
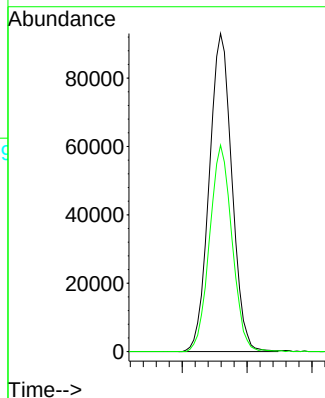
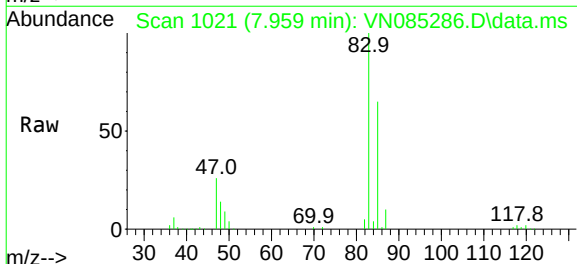
RT: 7.959 min Scan# 1021

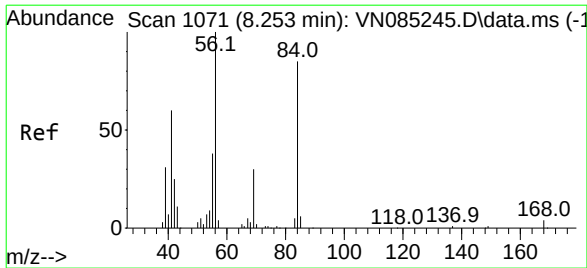
Delta R.T. -0.006 min

Lab File: VN085286.D

Acq: 23 Dec 2024 11:25

Tgt Ion:	83	Resp:	225810
Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.4	77.0





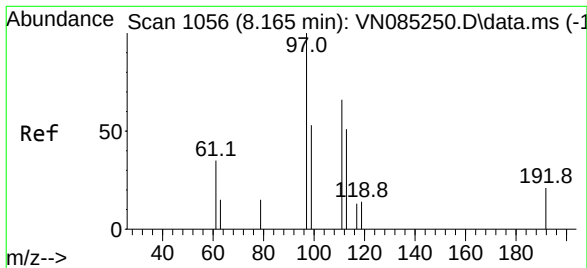
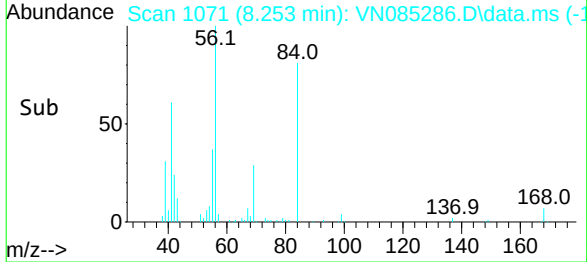
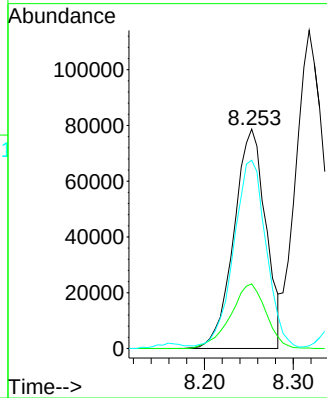
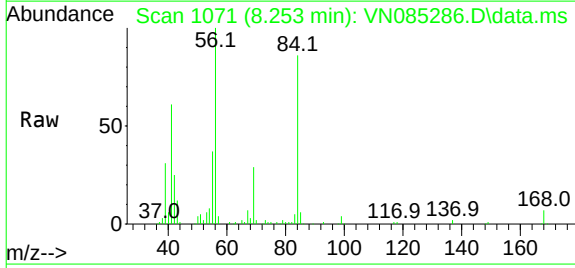
#31
Cyclohexane
Concen: 48.723 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	56	Resp:	196056
Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.6	35.4
84	83.9	66.6	99.8

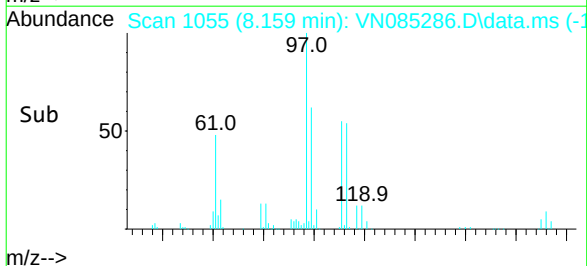
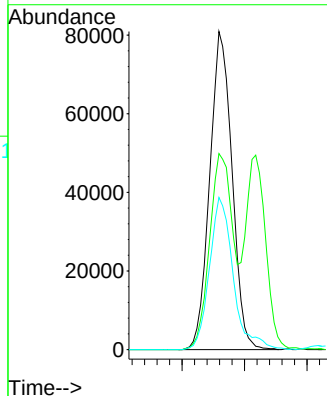
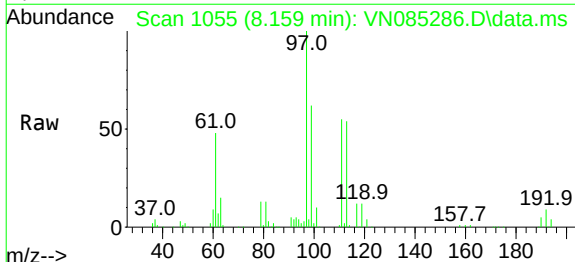
Manual Integrations
APPROVED

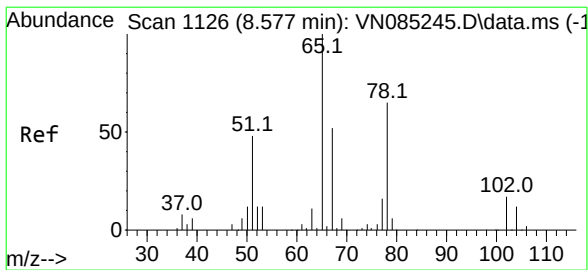
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#32
1,1,1-Trichloroethane
Concen: 48.457 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

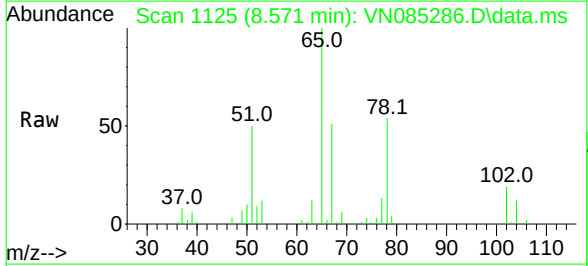
Tgt Ion:	97	Resp:	200479
Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.4	77.0
61	51.0	40.4	60.6





#33
1,2-Dichloroethane-d4
Concen: 44.001 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

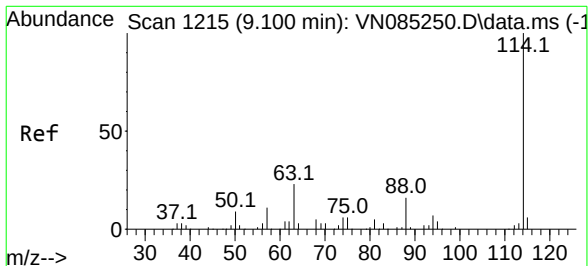
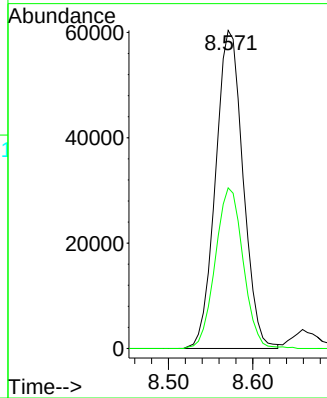
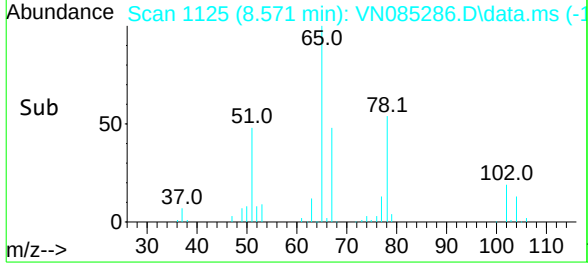
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



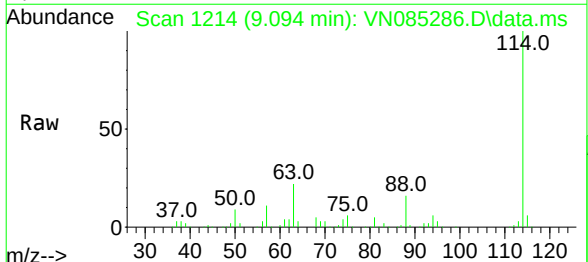
Tgt Ion: 65 Resp: 136855
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.2

Manual Integrations
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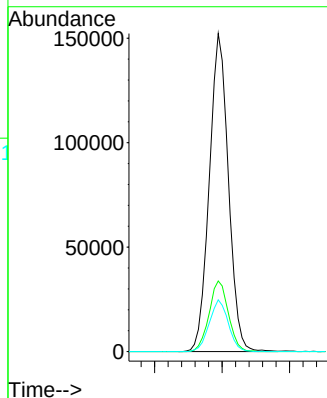
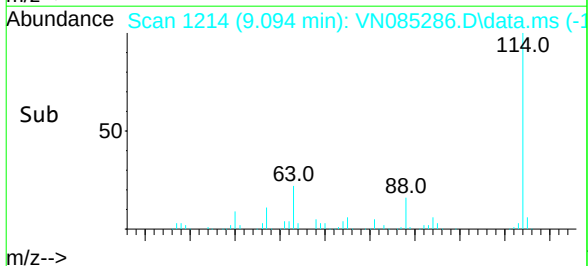
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

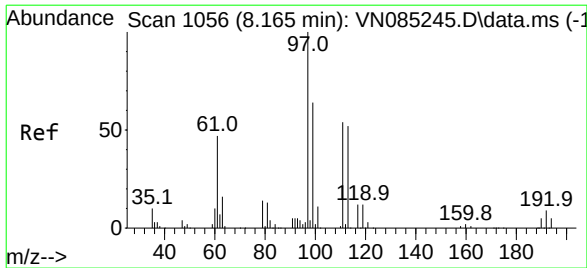


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25



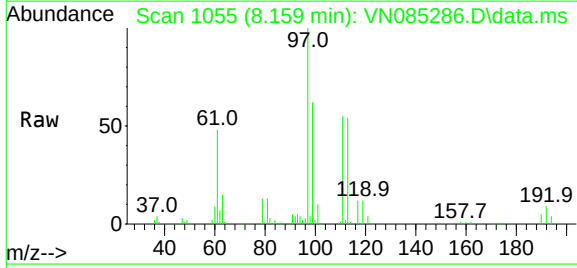
Tgt Ion:114 Resp: 299262
Ion Ratio Lower Upper
114 100
63 22.2 0.0 46.2
88 16.3 0.0 32.6





#35
Dibromofluoromethane
Concen: 48.920 ug/l
RT: 8.159 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

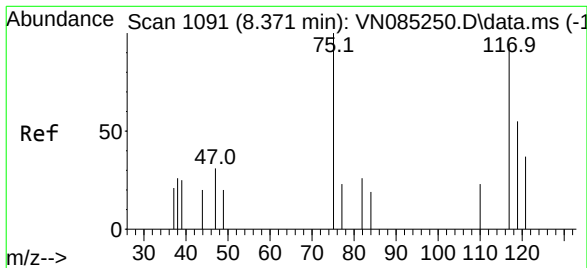
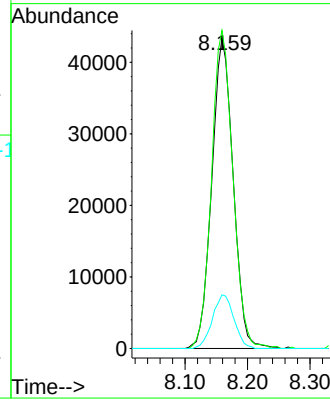
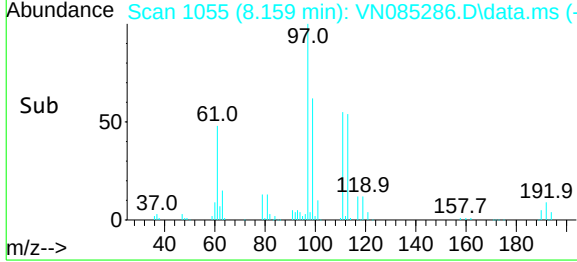
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 102925
Ion Ratio Lower Upper
113 100
111 102.6 82.1 123.1
192 17.4 13.4 20.0

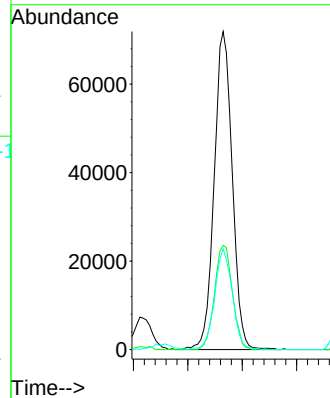
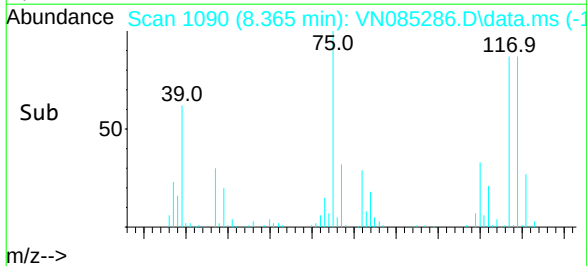
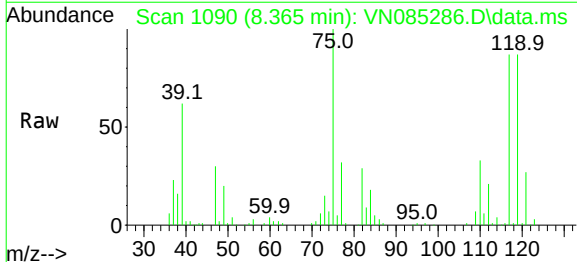
Manual Integrations
APPROVED

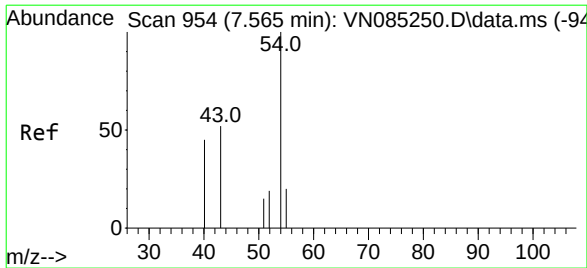
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#36
1,1-Dichloropropene
Concen: 56.593 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

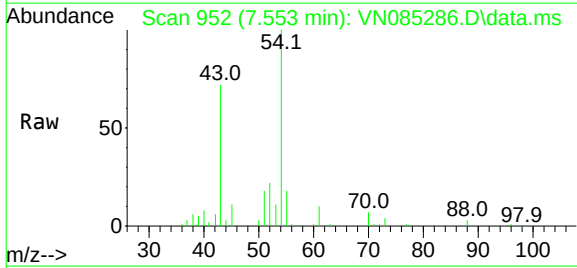
Tgt Ion: 75 Resp: 165797
Ion Ratio Lower Upper
75 100
110 32.4 16.0 48.0
77 30.8 24.6 36.8





#37
Ethyl Acetate
Concen: 40.373 ug/l
RT: 7.553 min Scan# 954
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

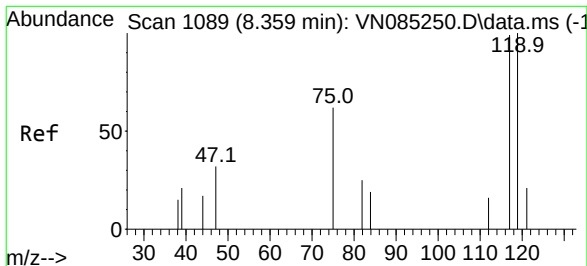
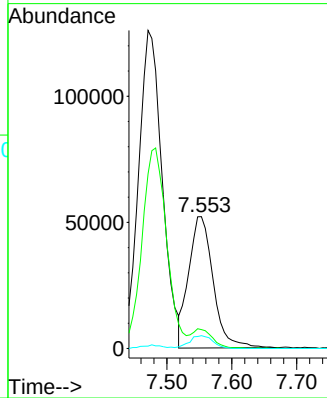
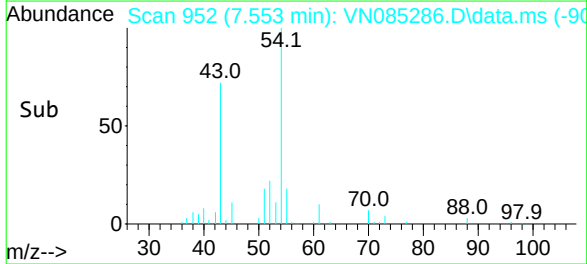
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 136456
Ion Ratio Lower Upper
43 100
61 11.7 9.8 14.6
70 9.3 7.8 11.8

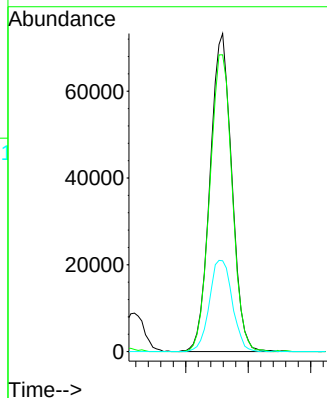
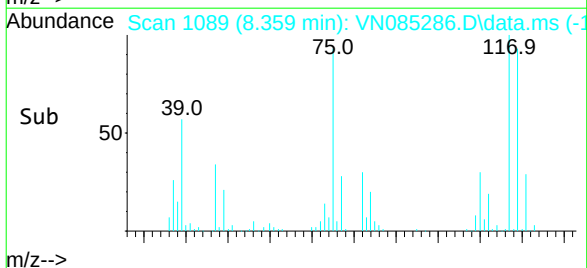
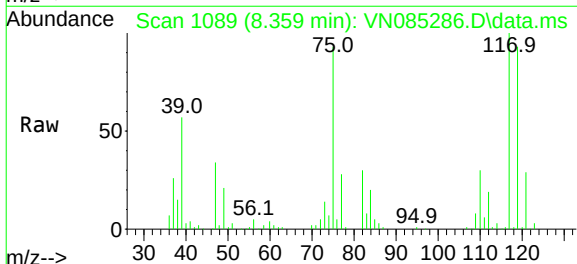
Manual Integrations
APPROVED

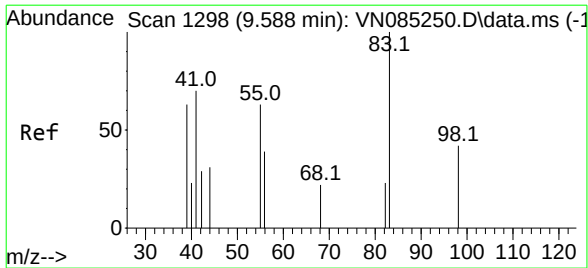
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#38
Carbon Tetrachloride
Concen: 50.026 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

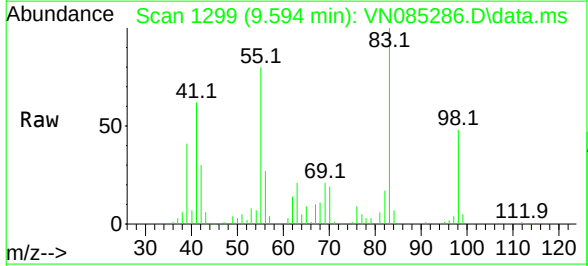
Tgt Ion:117 Resp: 177201
Ion Ratio Lower Upper
117 100
119 93.3 74.8 112.2
121 28.6 24.2 36.4





#39
Methylcyclohexane
Concen: 59.939 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

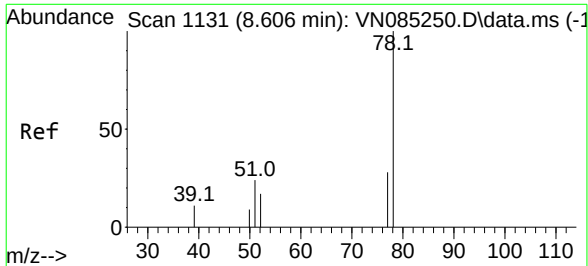
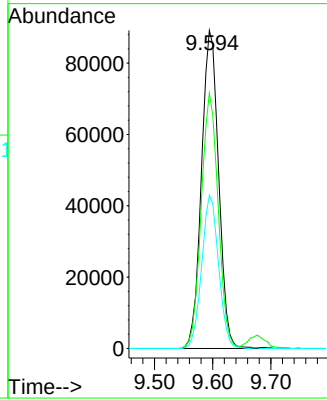
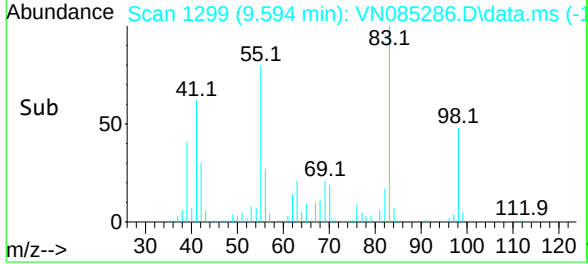
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 182731
Ion Ratio Lower Upper
83 100
55 80.3 66.8 100.2
98 48.2 39.4 59.2

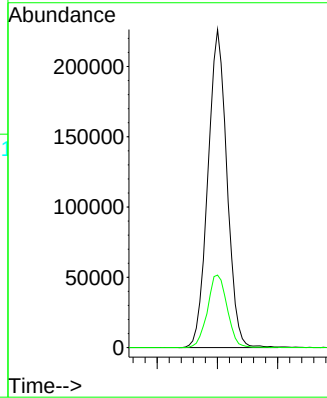
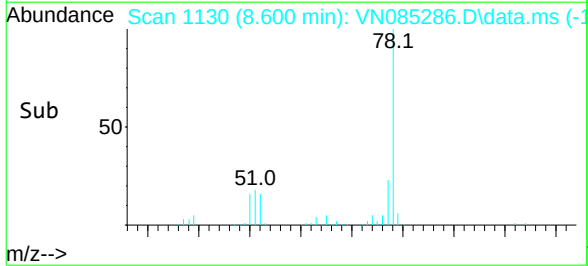
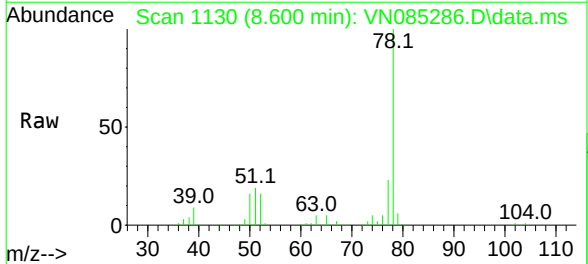
Manual Integrations
APPROVED

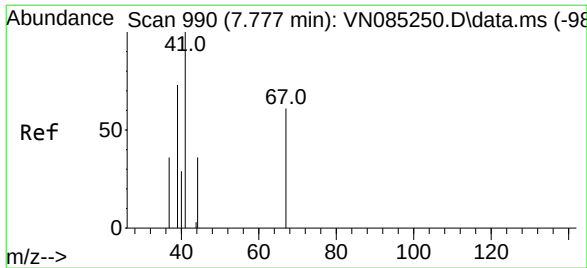
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#40
Benzene
Concen: 54.535 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

Tgt Ion: 78 Resp: 497041
Ion Ratio Lower Upper
78 100
77 22.8 18.9 28.3





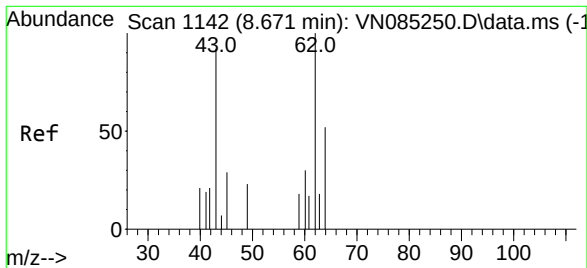
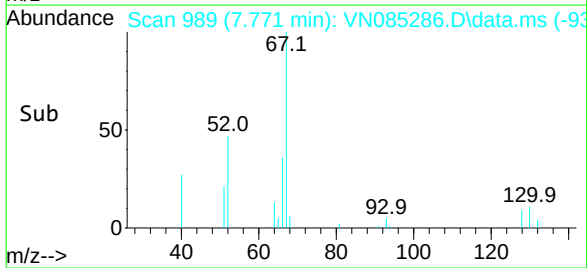
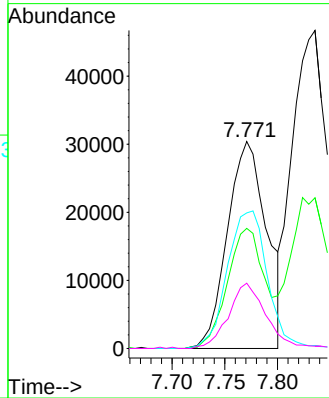
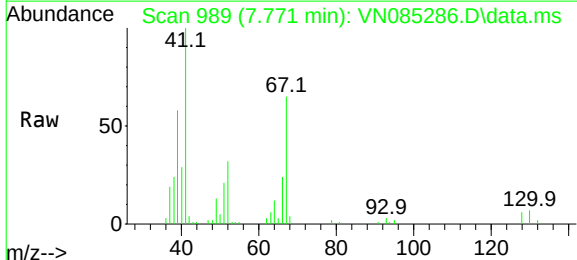
#41
Methacrylonitrile
Concen: 45.616 ug/l
RT: 7.771 min Scan# 98
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	78573
Ion	Ratio	Lower	Upper
41	100		
39	53.6	44.0	66.0
67	68.3	56.0	84.0
52	30.8	25.8	38.6

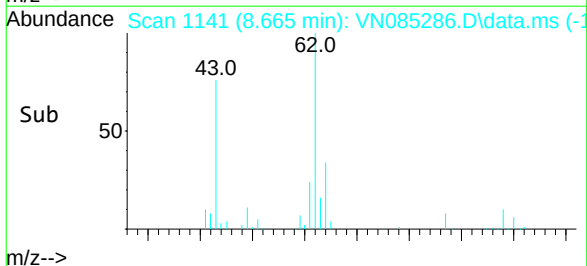
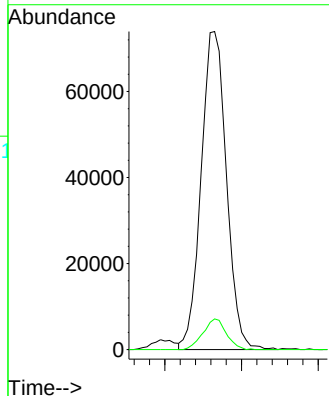
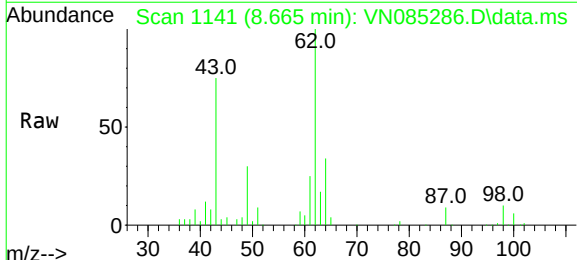
Manual Integrations
APPROVED

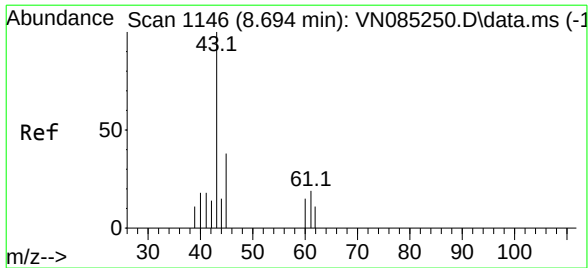
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#42
1,2-Dichloroethane
Concen: 48.839 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

Tgt Ion:	62	Resp:	169550
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	16.4





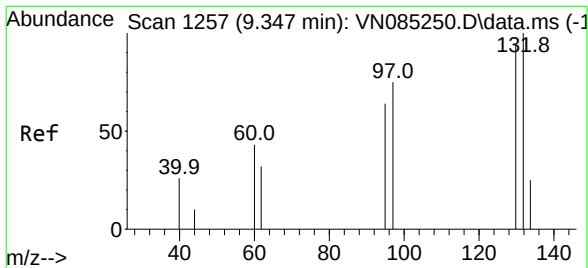
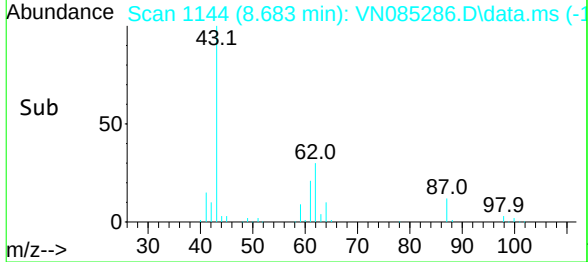
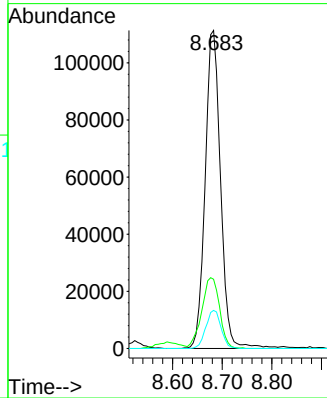
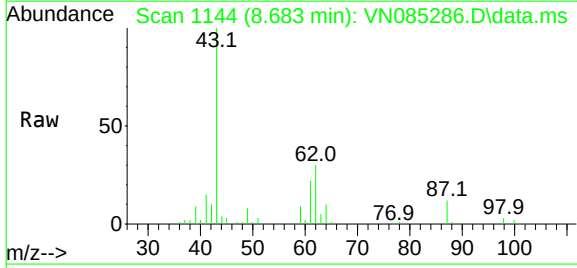
#43
Isopropyl Acetate
Concen: 38.789 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 239753
Ion Ratio Lower Upper
43 100
61 25.8 19.0 28.4
87 11.8 9.3 13.9

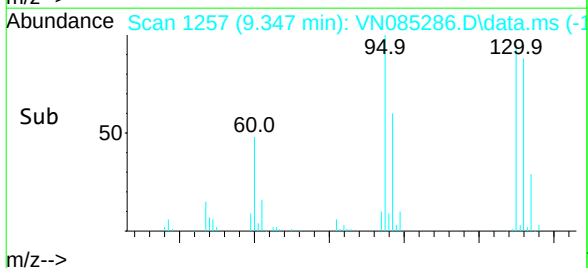
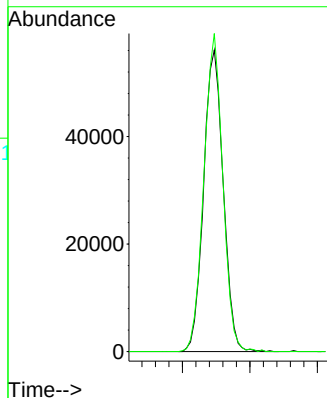
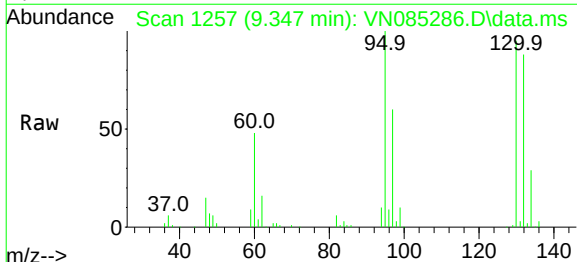
Manual Integrations
APPROVED

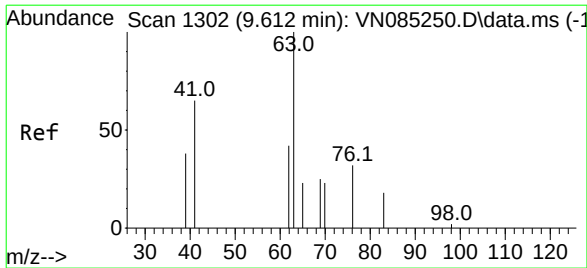
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#44
Trichloroethene
Concen: 55.862 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

Tgt Ion:130 Resp: 113351
Ion Ratio Lower Upper
130 100
95 105.5 0.0 207.6





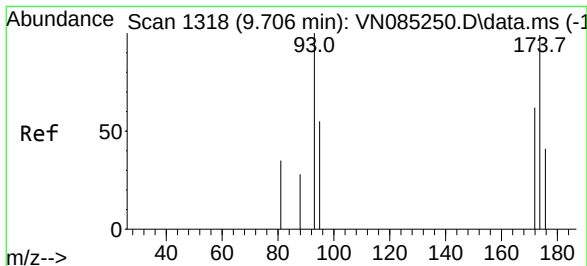
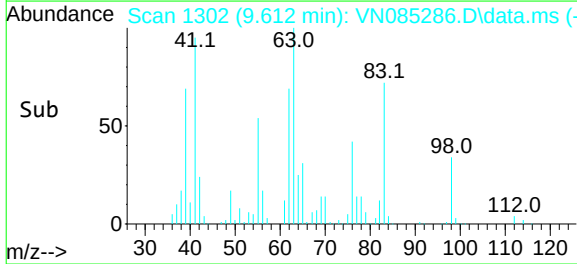
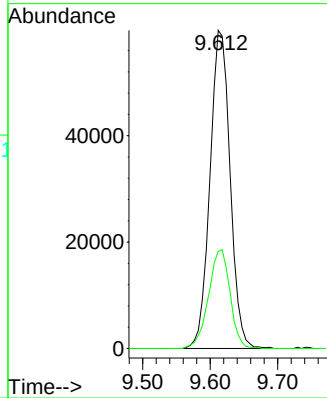
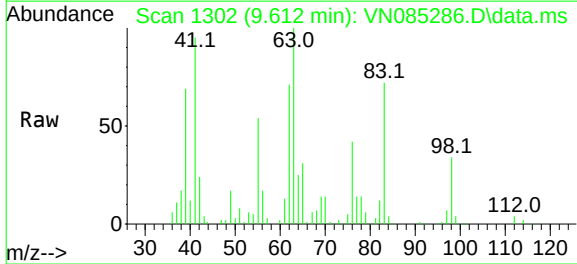
#45
1,2-Dichloropropane
Concen: 54.957 ug/l
RT: 9.612 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 124017
Ion Ratio Lower Upper
63 100
65 30.5 24.0 36.0

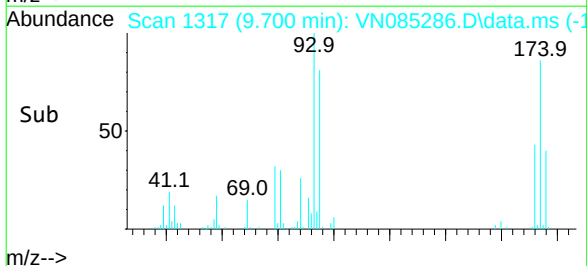
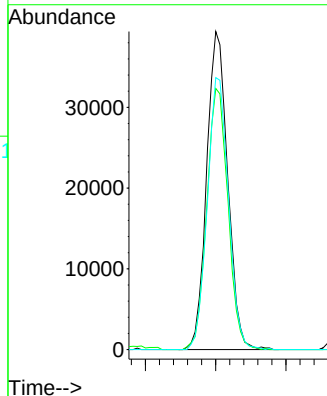
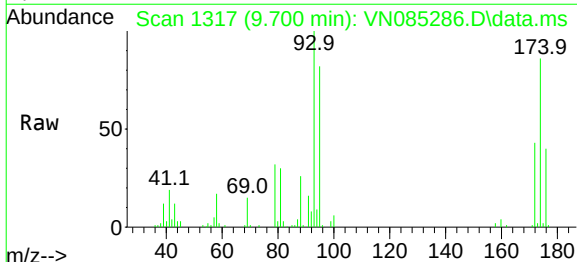
Manual Integrations
APPROVED

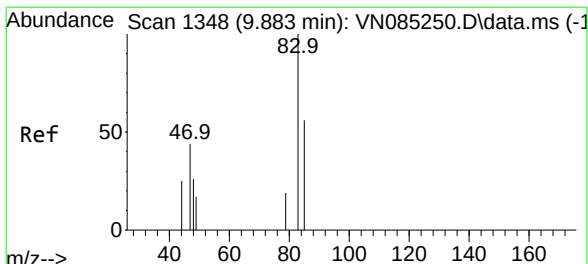
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#46
Dibromomethane
Concen: 50.850 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

Tgt Ion: 93 Resp: 81916
Ion Ratio Lower Upper
93 100
95 82.7 67.0 100.6
174 86.0 69.3 103.9





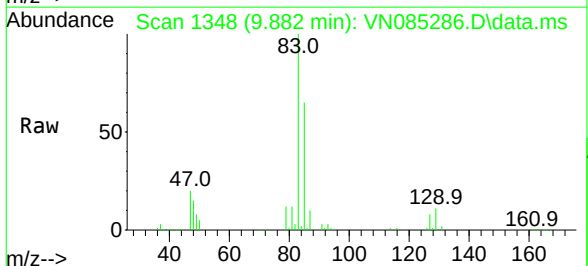
#47
 Bromodichloromethane
 Concen: 51.033 ug/l
 RT: 9.882 min Scan# 1313
 Delta R.T. -0.006 min
 Lab File: VN085286.D
 Acq: 23 Dec 2024 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



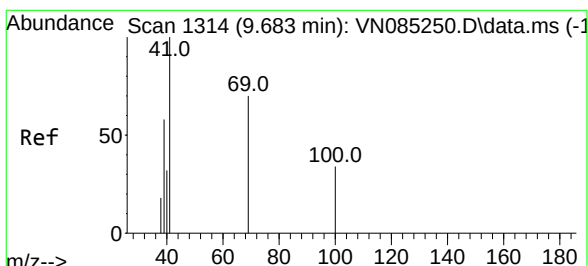
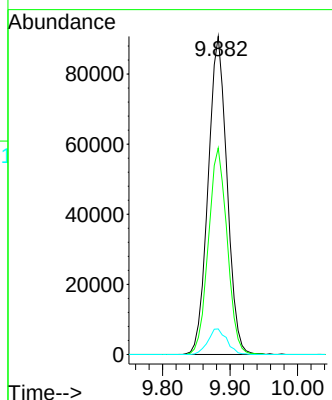
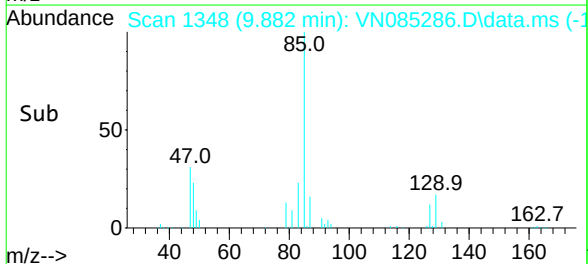
Tgt Ion:	83	Resp:	176138
Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.0	76.4
127	8.0	6.3	9.5

Manual Integrations

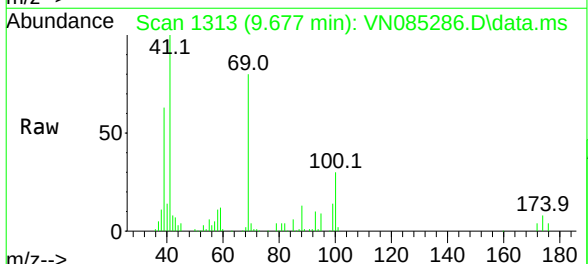
APPROVED

Reviewed By :John Carlone 12/26/2024

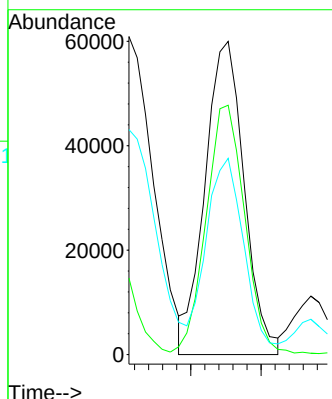
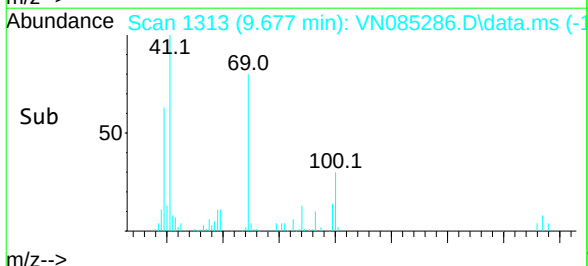
Supervised By :Mahesh Dadoda 12/26/2024

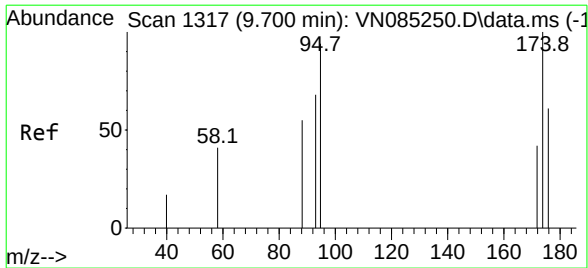


#48
 Methyl methacrylate
 Concen: 45.845 ug/l
 RT: 9.677 min Scan# 1313
 Delta R.T. -0.000 min
 Lab File: VN085286.D
 Acq: 23 Dec 2024 11:25



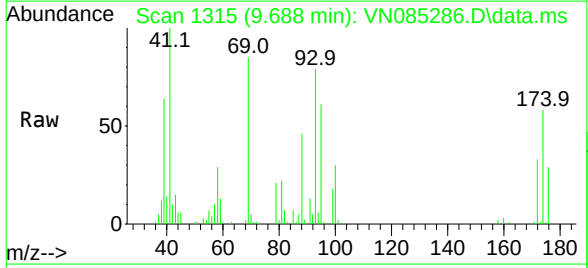
Tgt Ion:	41	Resp:	116159
Ion	Ratio	Lower	Upper
41	100		
69	78.2	61.0	91.4
39	60.5	49.8	74.8





#49
1,4-Dioxane
Concen: 718.480 ug/l
RT: 9.688 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

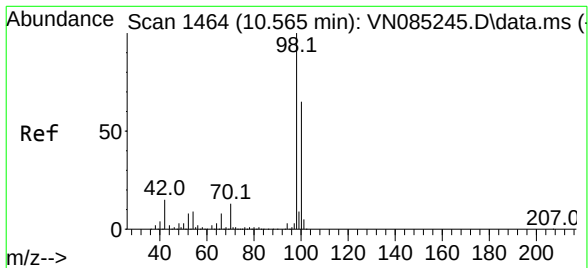
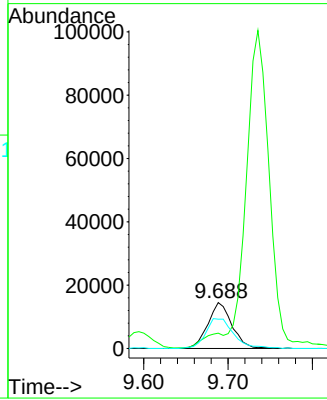
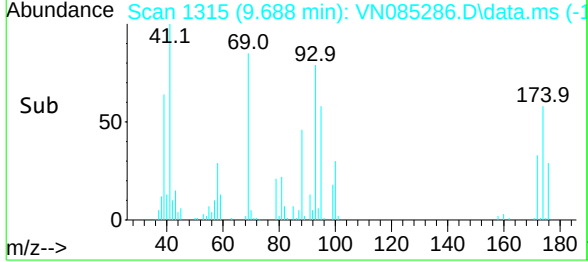
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 28702
Ion Ratio Lower Upper
88 100
43 0.0 25.6 38.4
58 75.7 56.5 84.7

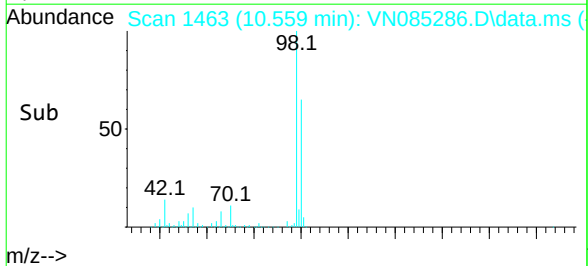
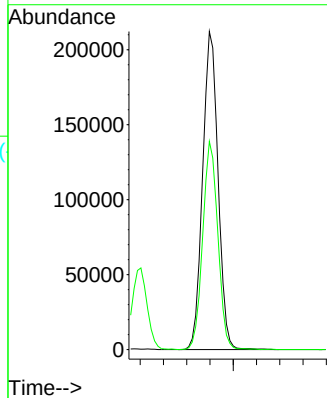
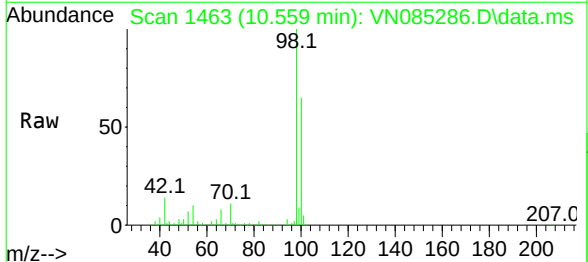
Manual Integrations
APPROVED

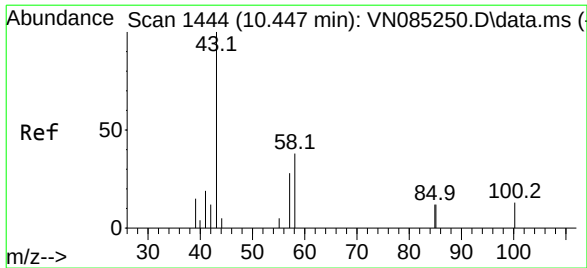
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#50
Toluene-d8
Concen: 50.797 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

Tgt Ion: 98 Resp: 390622
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4





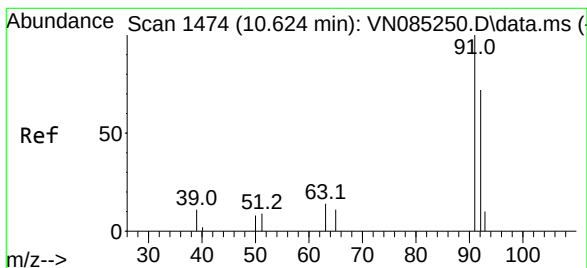
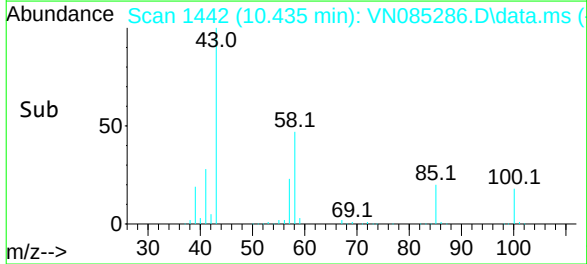
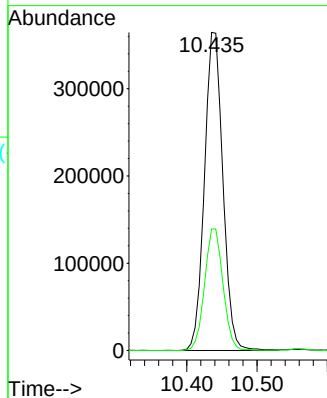
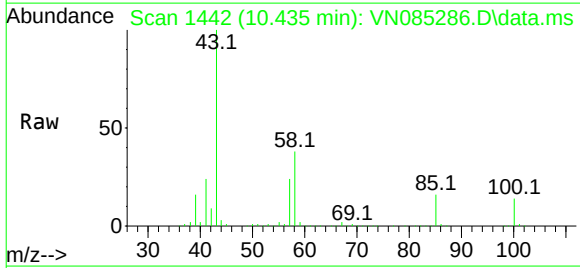
#51
4-Methyl-2-Pentanone
Concen: 204.294 ug/l
RT: 10.435 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 663472
Ion Ratio Lower Upper
43 100
58 38.3 29.4 44.2

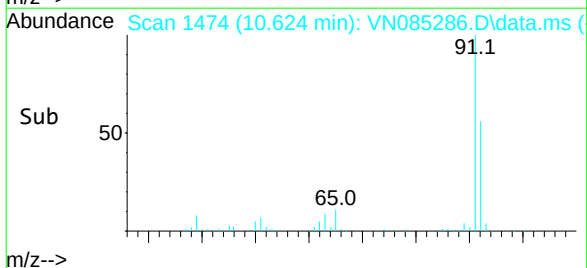
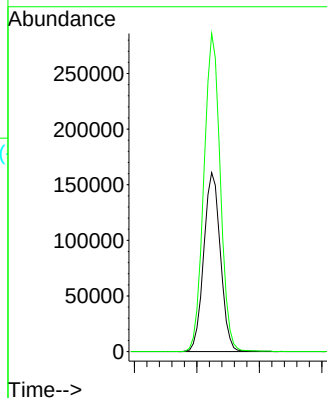
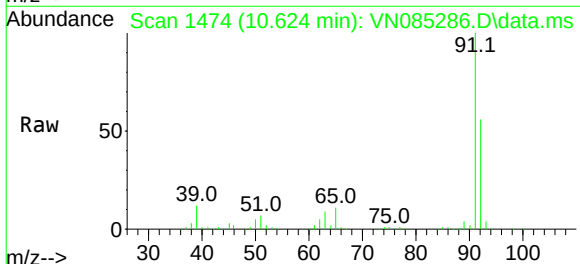
Manual Integrations
APPROVED

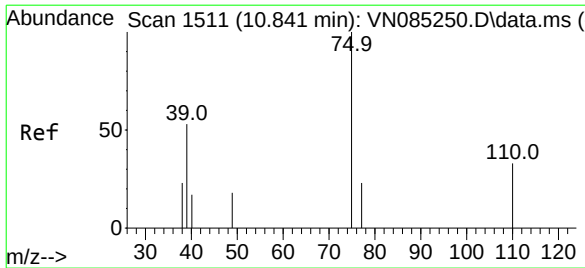
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#52
Toluene
Concen: 54.299 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

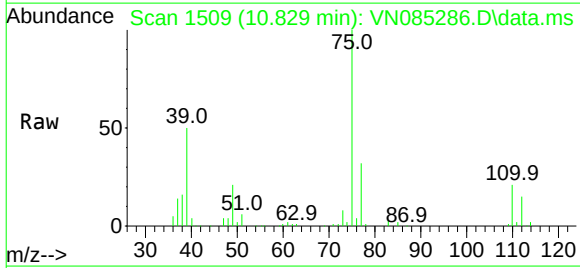
Tgt Ion: 92 Resp: 297568
Ion Ratio Lower Upper
92 100
91 175.5 138.9 208.3





#53
t-1,3-Dichloropropene
Concen: 52.900 ug/l
RT: 10.829 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

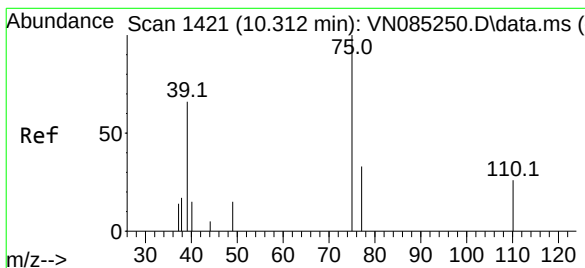
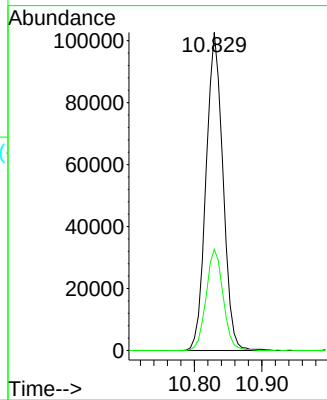
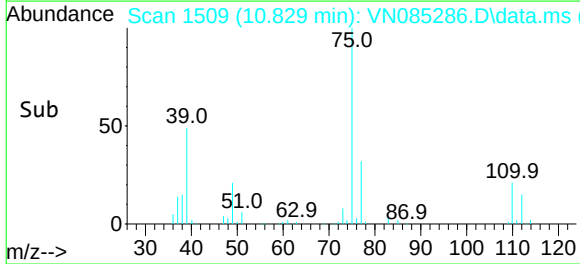
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



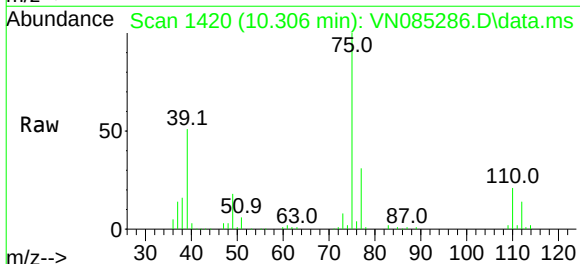
Tgt Ion: 75 Resp: 177969
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0

Manual Integrations
APPROVED

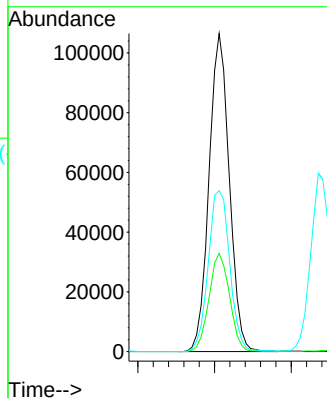
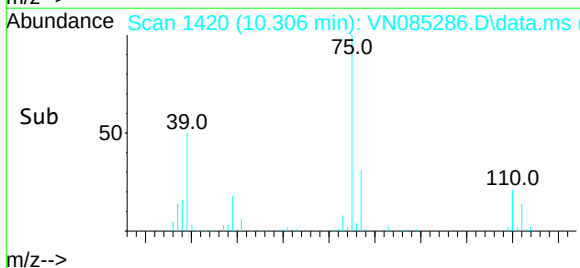
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

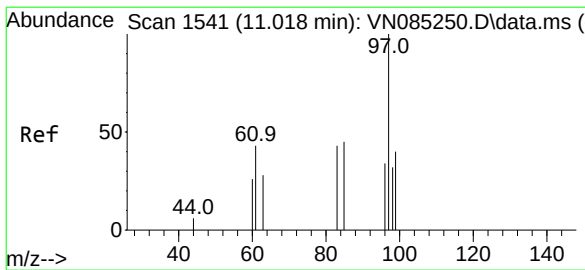


#54
cis-1,3-Dichloropropene
Concen: 54.628 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25



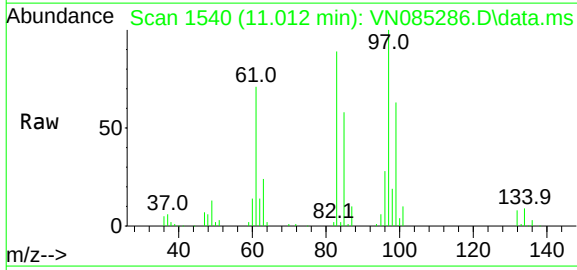
Tgt Ion: 75 Resp: 195399
Ion Ratio Lower Upper
75 100
77 30.9 26.6 39.8
39 50.6 45.3 67.9





#55
1,1,2-Trichloroethane
Concen: 51.133 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

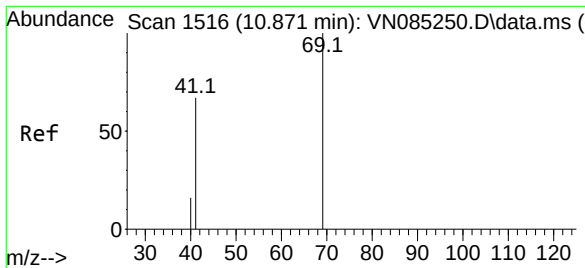
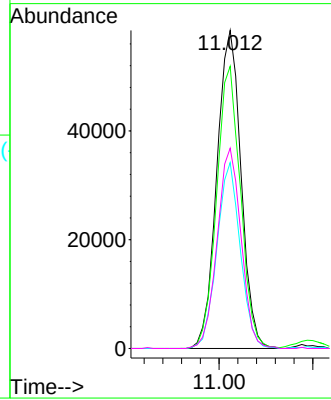
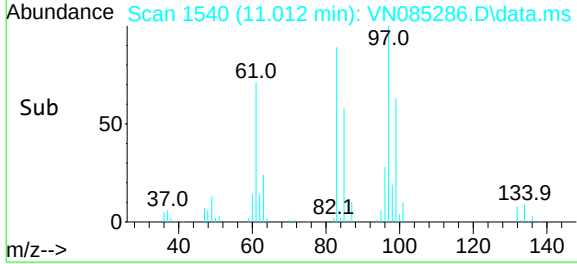
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.7	69.6	104.4
85	58.5	45.7	68.5
99	63.0	50.4	75.6

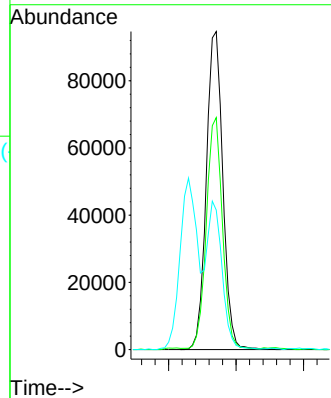
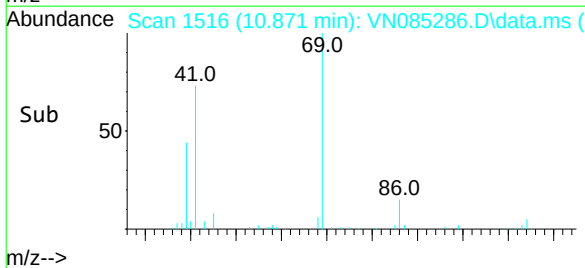
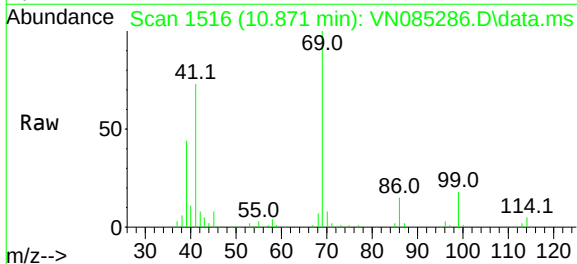
Manual Integrations
APPROVED

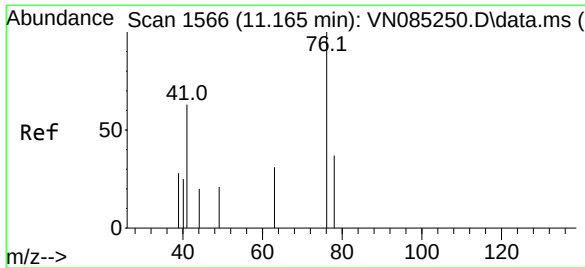
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#56
Ethyl methacrylate
Concen: 41.619 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

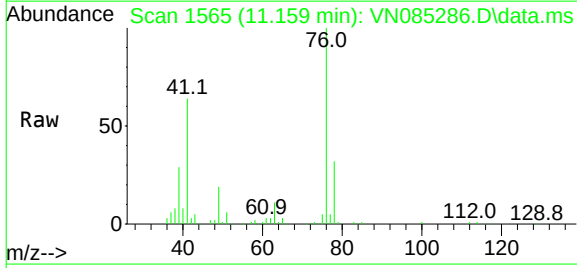
Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.5	57.5	86.3
39	44.7	33.4	50.2





#57
1,3-Dichloropropane
Concen: 51.998 ug/l
RT: 11.159 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

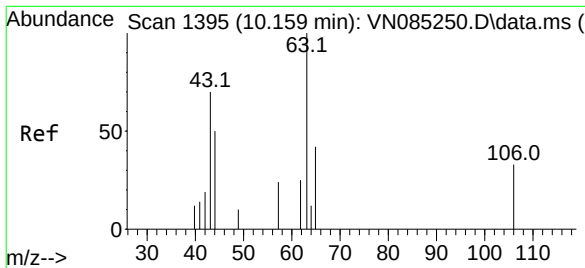
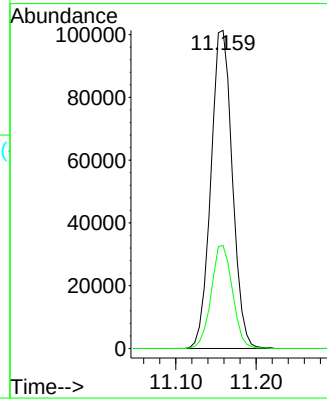
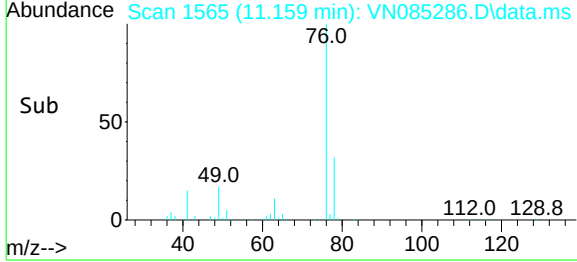
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 187798
Ion Ratio Lower Upper
76 100
78 32.2 25.4 38.2

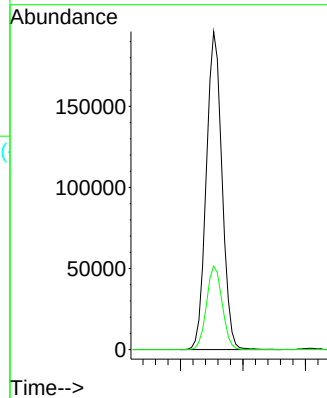
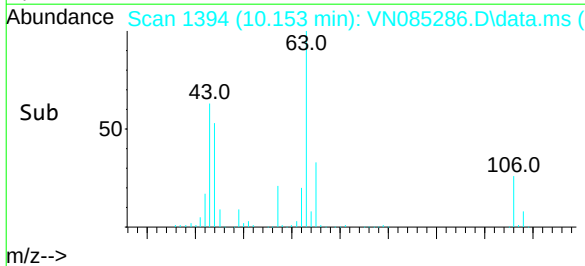
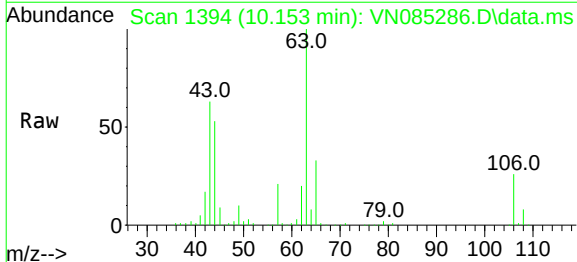
Manual Integrations
APPROVED

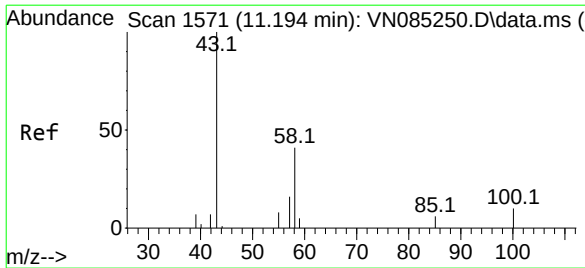
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#58
2-Chloroethyl Vinyl ether
Concen: 188.663 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

Tgt Ion: 63 Resp: 341576
Ion Ratio Lower Upper
63 100
106 26.2 21.2 31.8





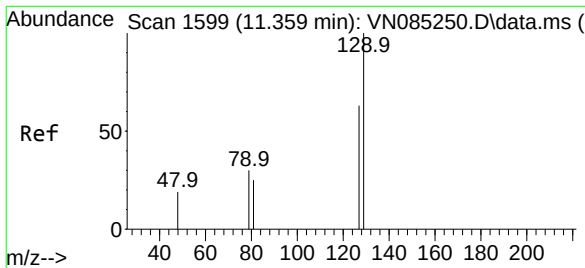
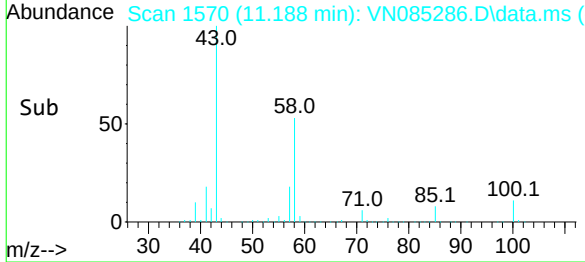
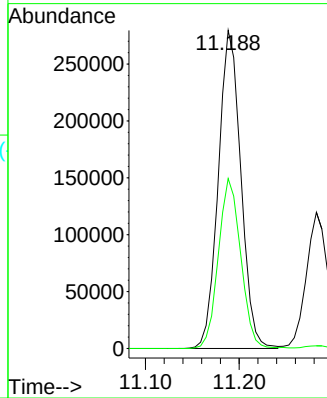
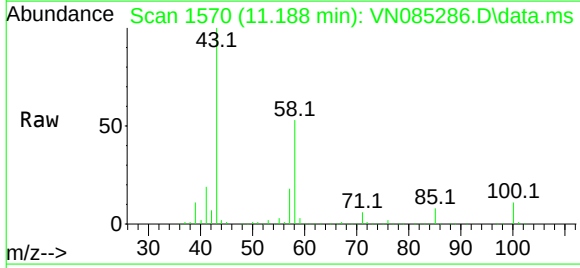
#59
2-Hexanone
Concen: 201.912 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 467432
Ion Ratio Lower Upper
43 100
58 52.9 25.8 77.4

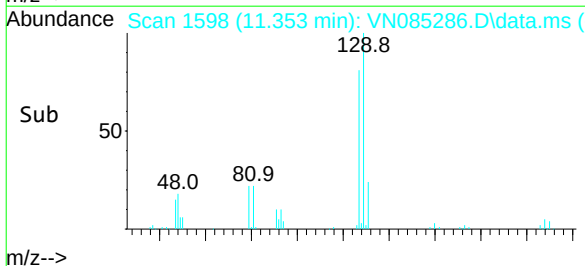
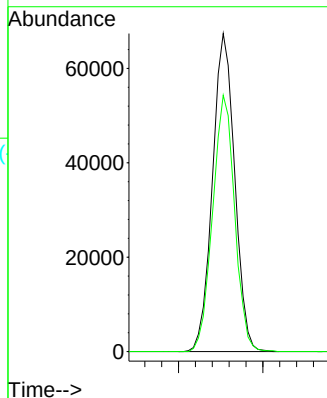
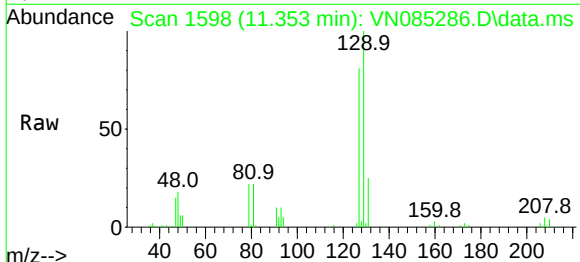
Manual Integrations
APPROVED

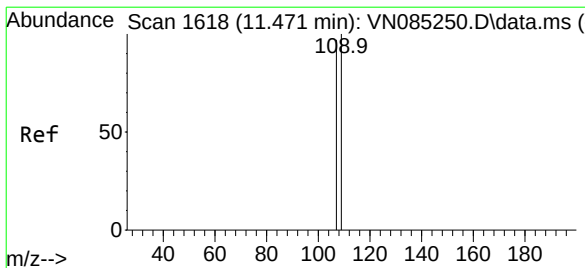
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#60
Dibromochloromethane
Concen: 50.692 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

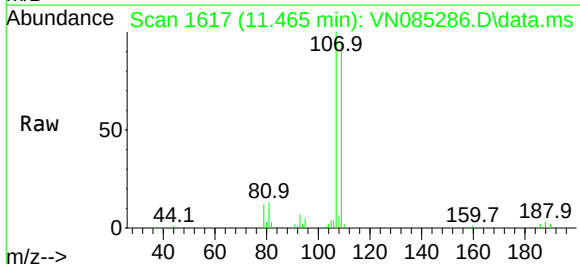
Tgt Ion:129 Resp: 123280
Ion Ratio Lower Upper
129 100
127 80.0 39.6 118.8





#61
1,2-Dibromoethane
Concen: 48.356 ug/l
RT: 11.465 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

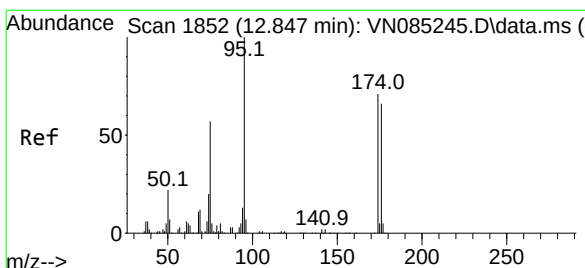
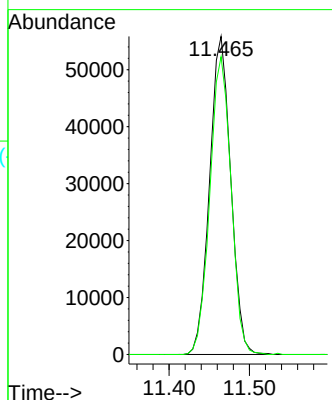
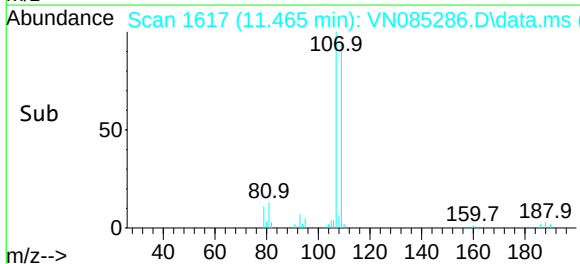
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 107 Resp: 102205
Ion Ratio Lower Upper
107 100
109 93.7 74.2 111.4

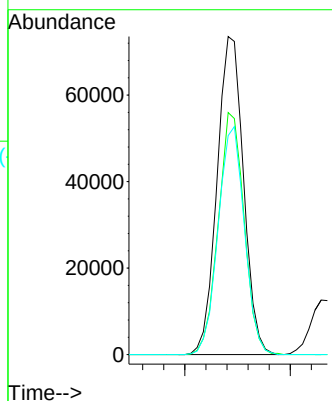
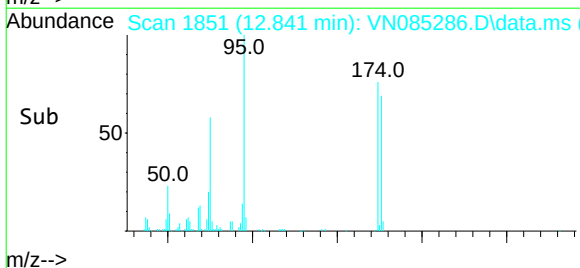
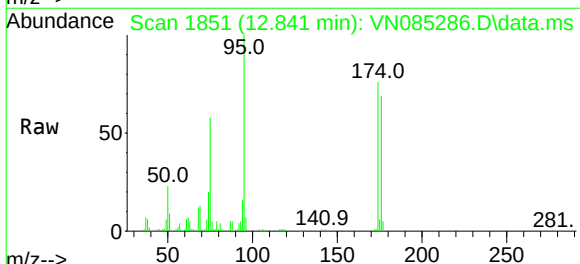
Manual Integrations
APPROVED

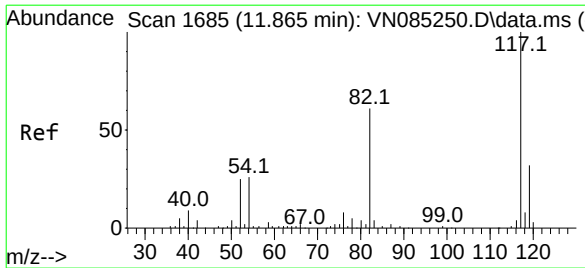
Reviewed By : John Carlone 12/26/2024
Supervised By : Mahesh Dadoda 12/26/2024



#62
4-Bromofluorobenzene
Concen: 46.674 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

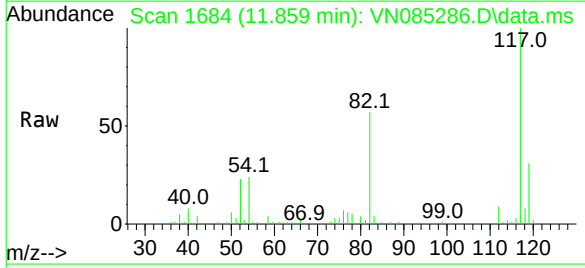
Tgt Ion: 95 Resp: 128196
Ion Ratio Lower Upper
95 100
174 74.4 0.0 144.4
176 71.1 0.0 136.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

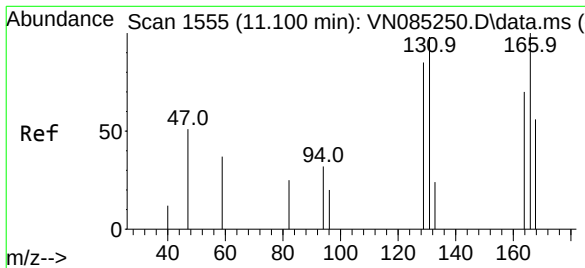
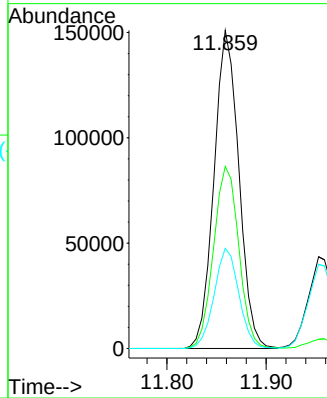
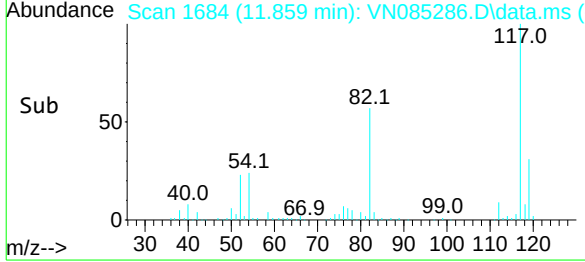
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 263260
Ion Ratio Lower Upper
117 100
82 57.2 47.4 71.2
119 31.5 25.6 38.4

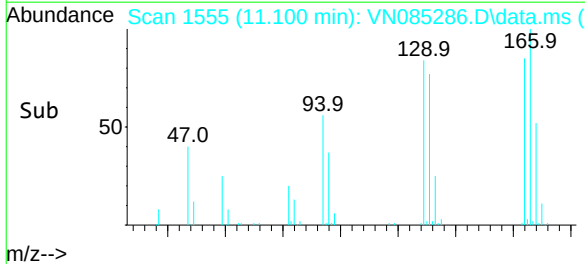
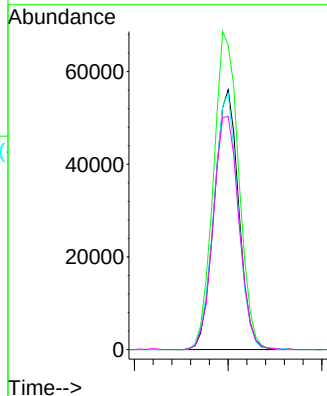
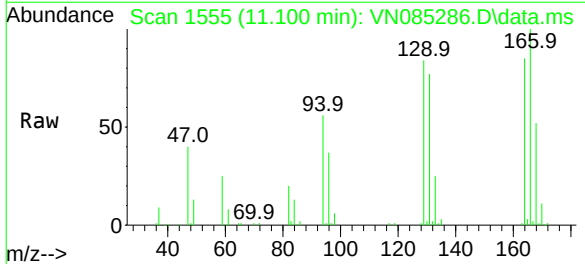
Manual Integrations
APPROVED

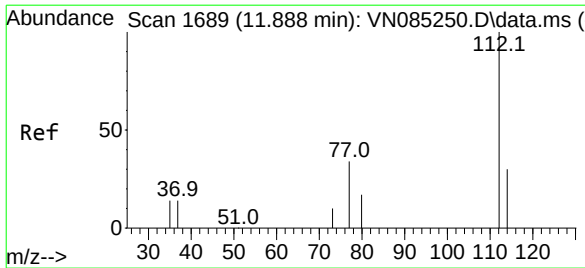
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#64
Tetrachloroethene
Concen: 57.006 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

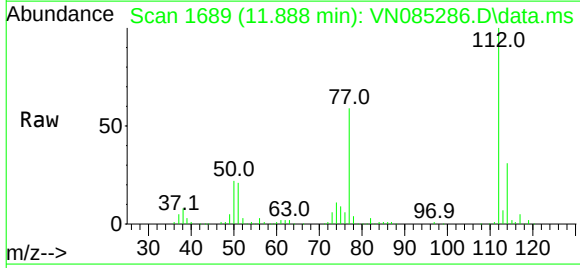
Tgt Ion:164 Resp: 100988
Ion Ratio Lower Upper
164 100
166 117.2 101.5 152.3
129 98.5 79.4 119.2
131 89.7 73.9 110.9





#65
Chlorobenzene
Concen: 53.367 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

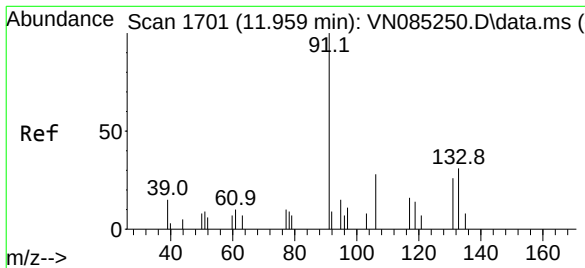
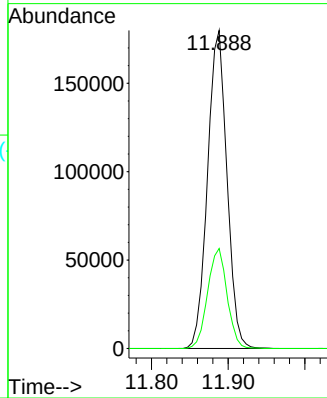
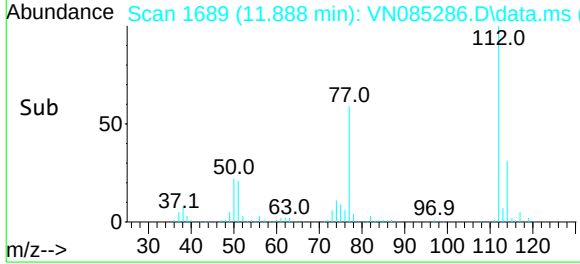
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 315810
Ion Ratio Lower Upper
112 100
114 31.4 26.2 39.4

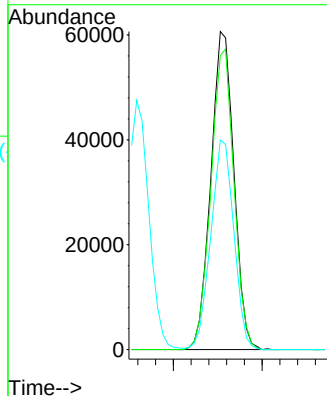
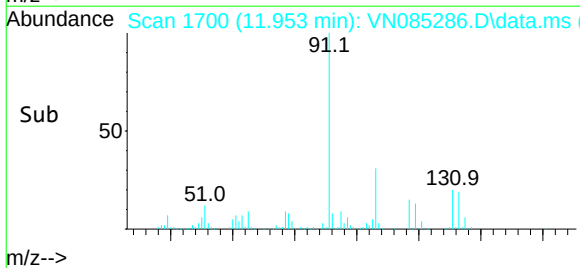
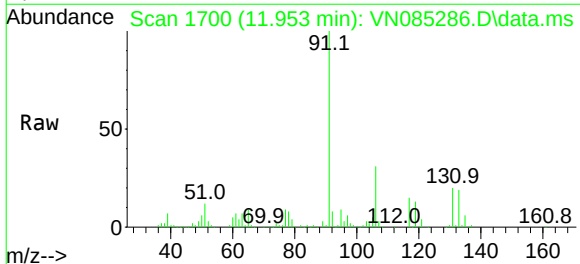
Manual Integrations
APPROVED

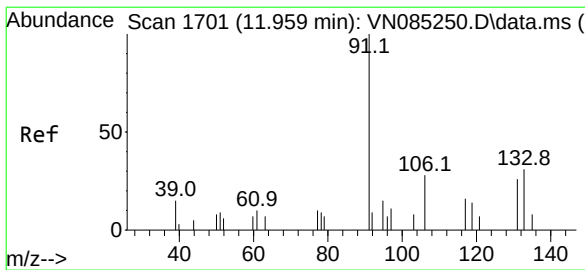
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 53.054 ug/l
RT: 11.953 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

Tgt Ion:131 Resp: 109534
Ion Ratio Lower Upper
131 100
133 94.4 48.6 145.8
119 65.9 32.5 97.5





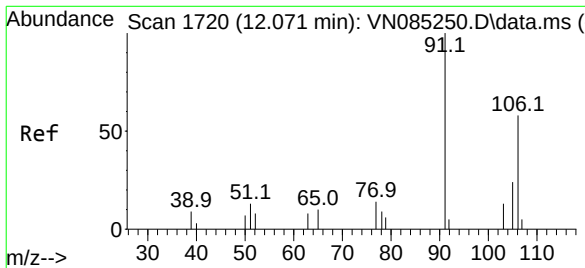
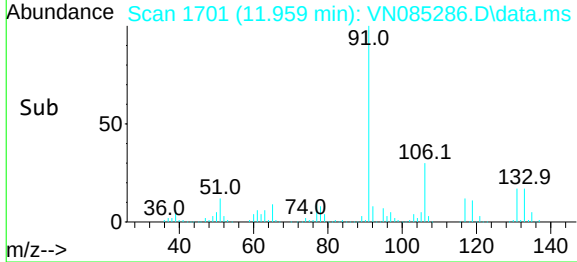
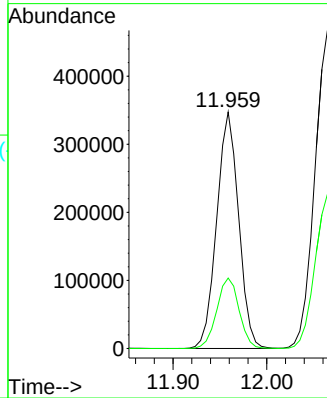
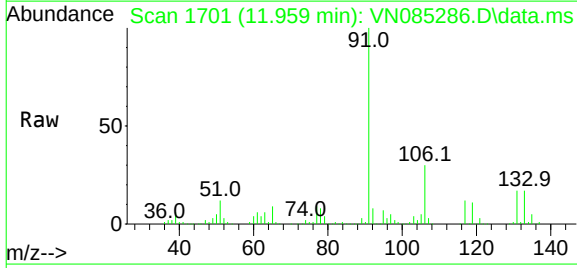
#67
Ethyl Benzene
Concen: 55.591 ug/l
RT: 11.959 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 563867
Ion Ratio Lower Upper
91 100
106 29.8 23.5 35.3

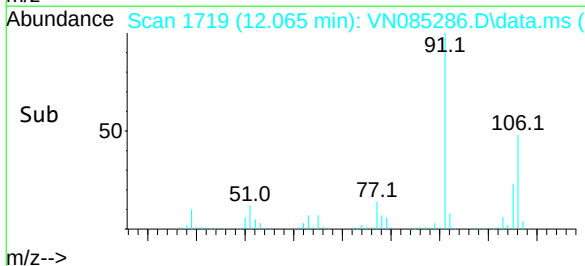
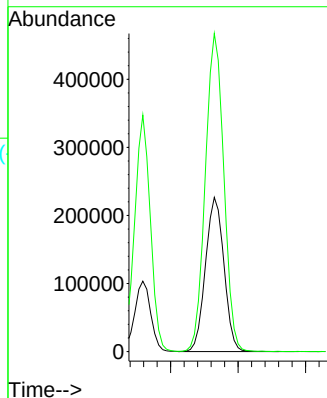
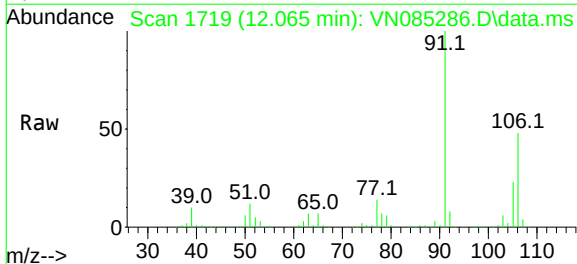
Manual Integrations
APPROVED

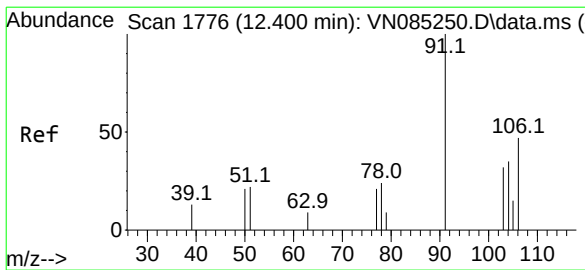
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#68
m/p-Xylenes
Concen: 113.645 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

Tgt Ion:106 Resp: 431125
Ion Ratio Lower Upper
106 100
91 206.2 168.3 252.5





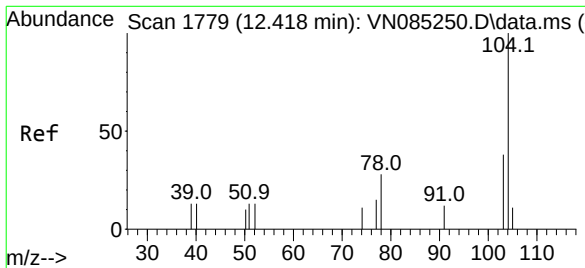
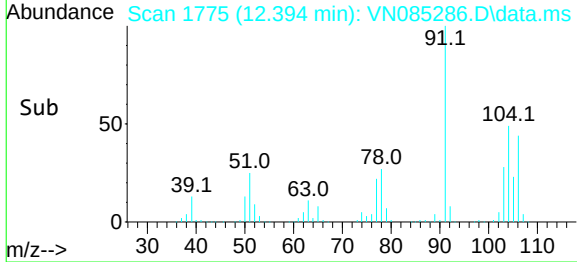
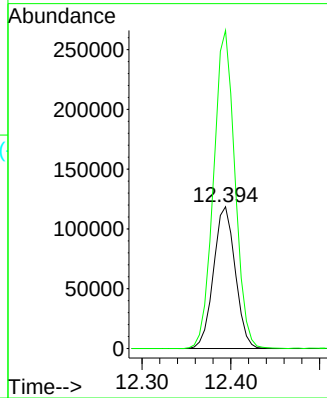
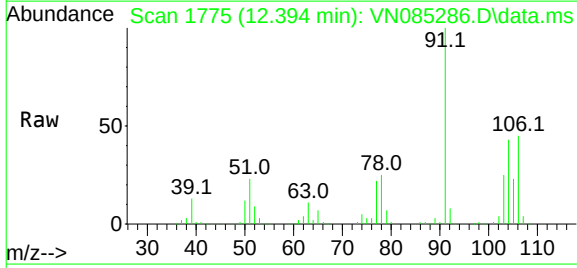
#69
o-Xylene
Concen: 56.398 ug/l
RT: 12.394 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 201102
Ion Ratio Lower Upper
106 100
91 220.7 112.1 336.2

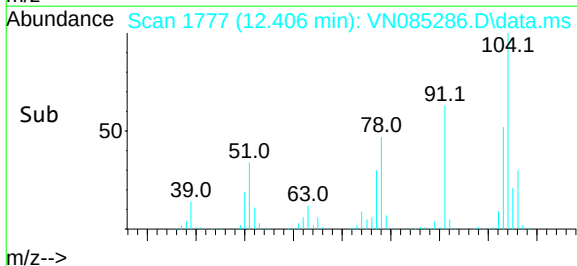
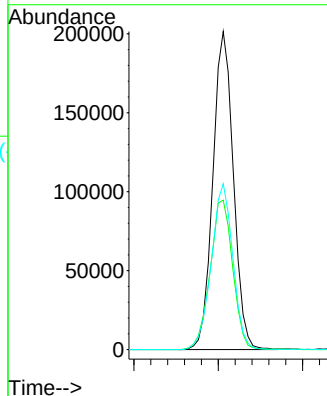
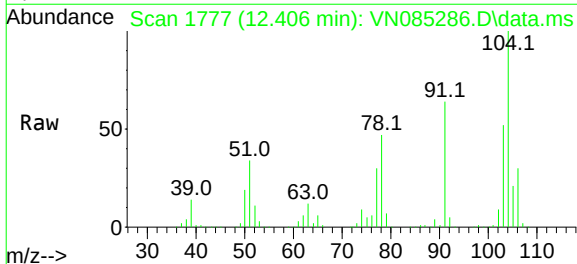
Manual Integrations
APPROVED

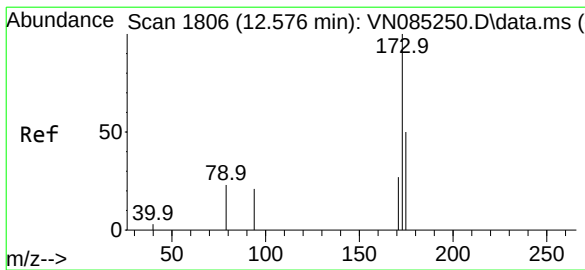
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#70
Styrene
Concen: 57.179 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

Tgt Ion:104 Resp: 340375
Ion Ratio Lower Upper
104 100
78 51.6 43.2 64.8
103 54.7 44.6 66.8





#71

Bromoform

Concen: 46.188 ug/l

RT: 12.571 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN085286.D

Acq: 23 Dec 2024 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

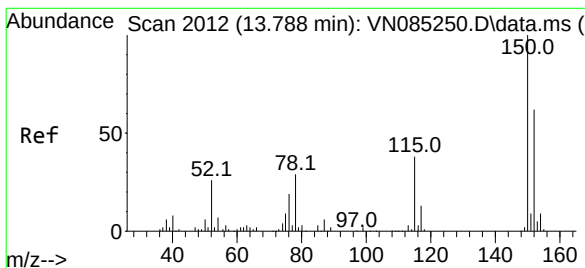
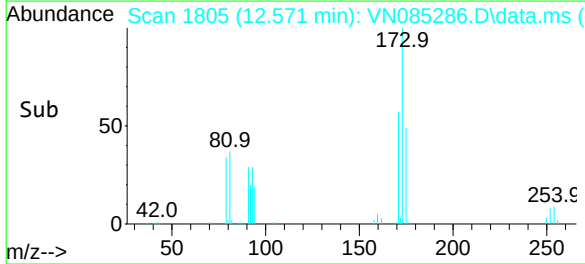
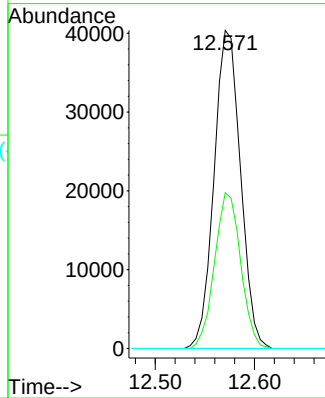
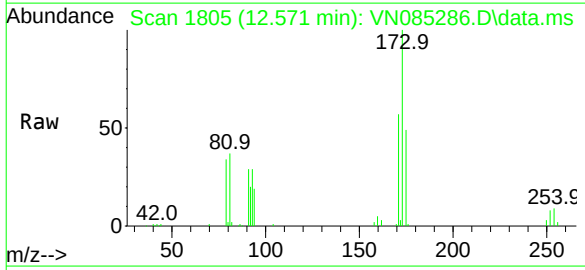
Tgt Ion:	173	Resp:	74748
Ion Ratio	Lower	Upper	
173	100		
175	48.3	24.5	73.5
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

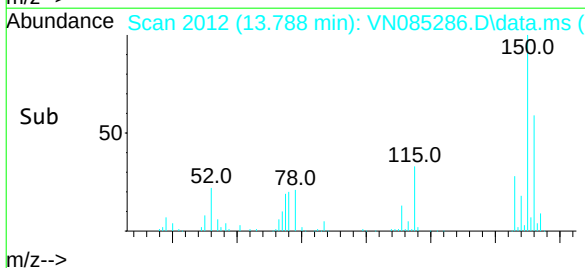
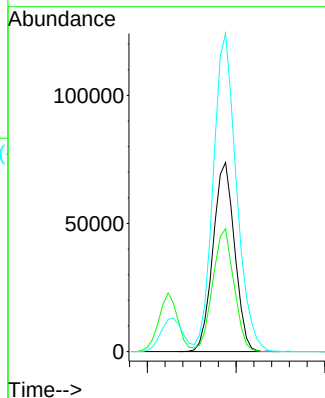
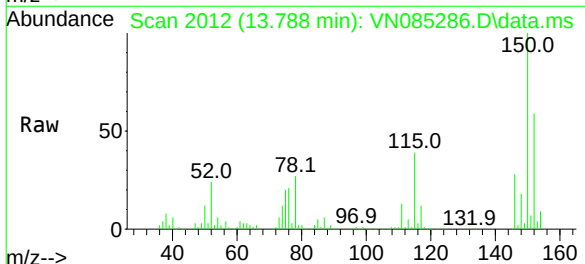
RT: 13.788 min Scan# 2012

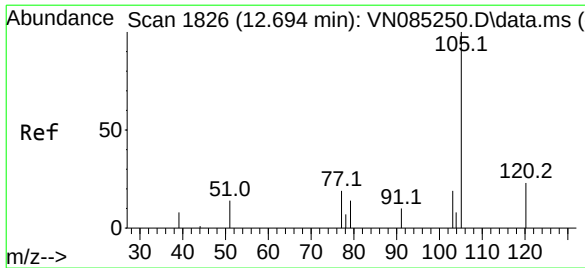
Delta R.T. -0.000 min

Lab File: VN085286.D

Acq: 23 Dec 2024 11:25

Tgt Ion:	152	Resp:	124655
Ion Ratio	Lower	Upper	
152	100		
115	63.9	32.1	96.3
150	180.6	0.0	354.6





#73

Isopropylbenzene

Concen: 57.504 ug/l

RT: 12.688 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN085286.D

Acq: 23 Dec 2024 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 517095

Ion Ratio Lower Upper

105 100

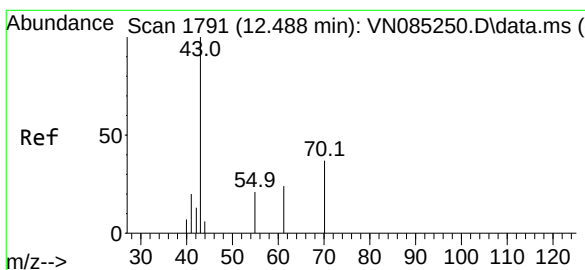
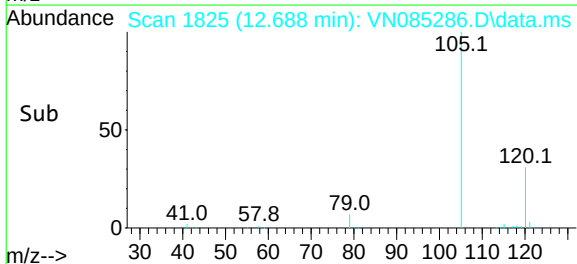
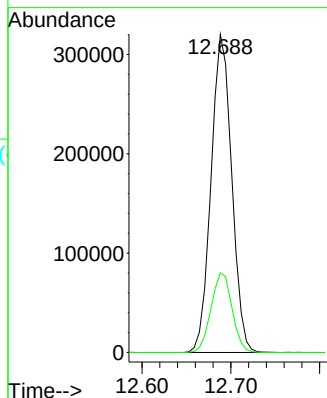
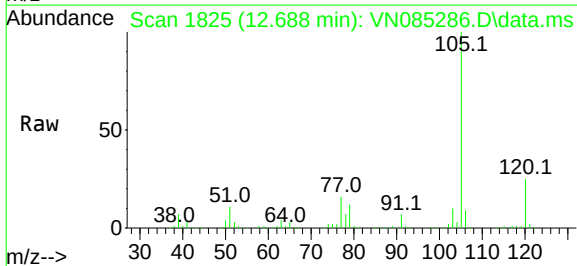
120 25.5 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#74

N-ethyl acetate

Concen: 45.922 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.006 min

Lab File: VN085286.D

Acq: 23 Dec 2024 11:25

Tgt Ion: 43 Resp: 206248

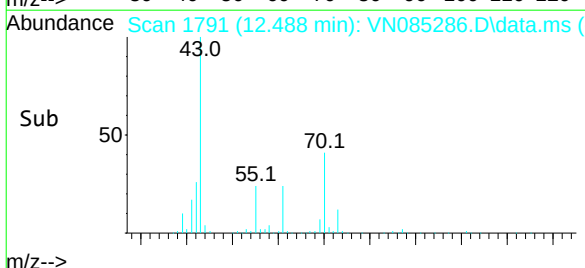
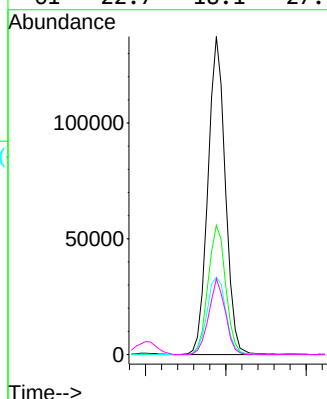
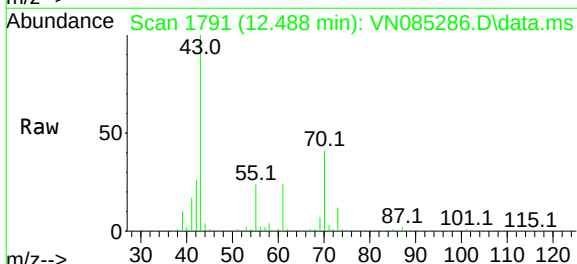
Ion Ratio Lower Upper

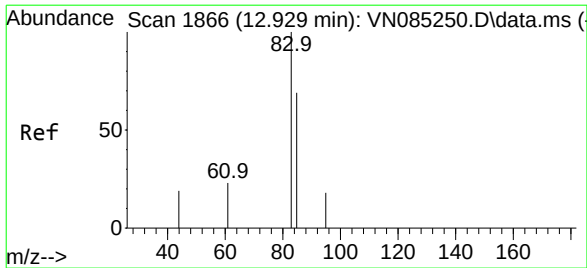
43 100

70 41.2 31.5 47.3

55 26.6 19.0 28.4

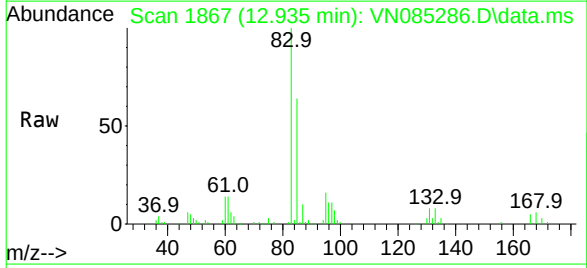
61 22.7 18.1 27.1





#75
1,1,2,2-Tetrachloroethane
Concen: 43.299 ug/l
RT: 12.935 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

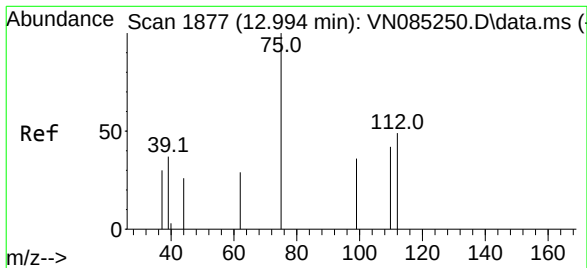
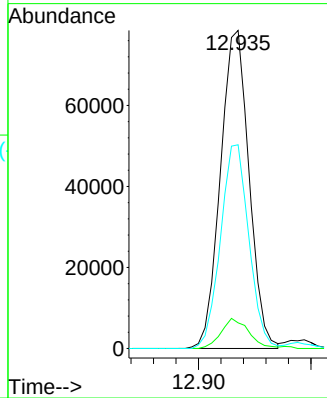
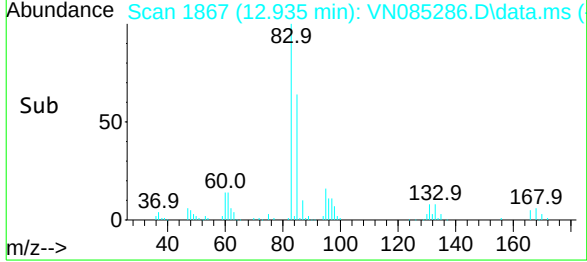
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 138728
Ion Ratio Lower Upper
83 100
131 9.4 4.7 14.1
85 63.4 32.5 97.4

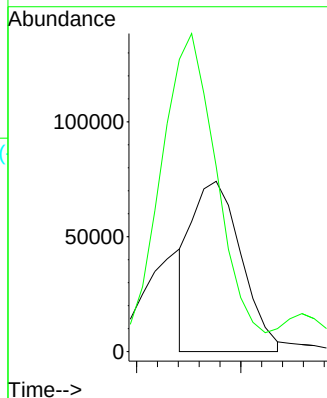
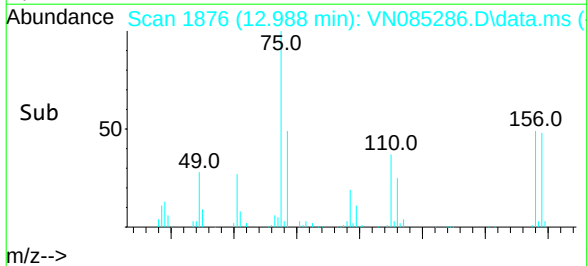
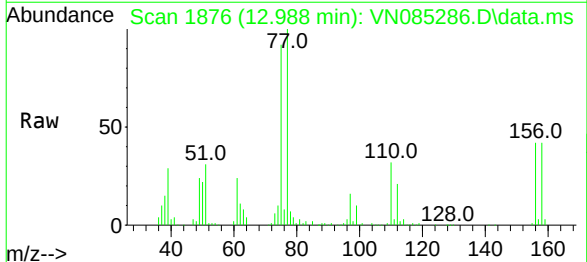
Manual Integrations
APPROVED

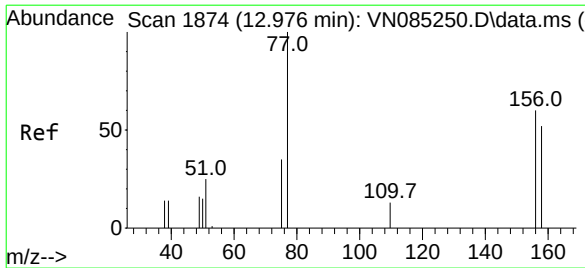
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#76
1,2,3-Trichloropropane
Concen: 41.065 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

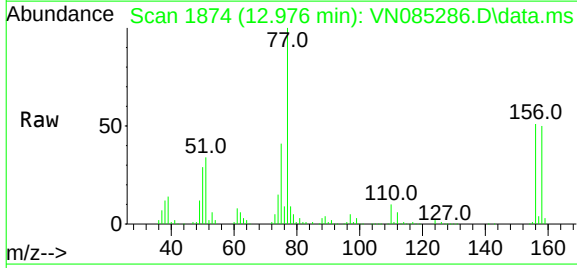
Tgt Ion: 75 Resp: 122019
Ion Ratio Lower Upper
75 100
77 217.8 102.6 307.7





#77
Bromobenzene
Concen: 51.139 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

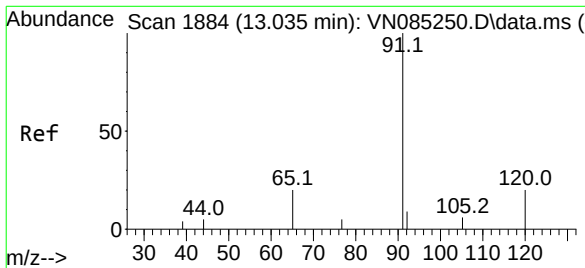
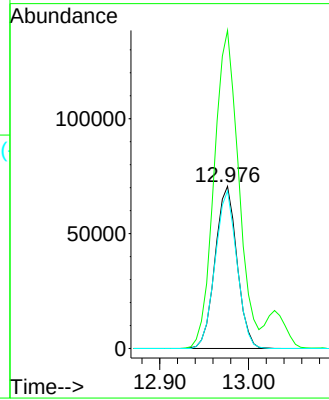
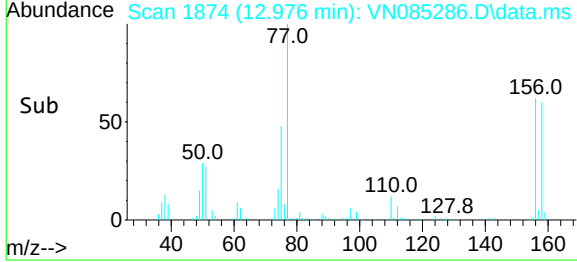
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 156 Resp: 120739
Ion Ratio Lower Upper
156 100
77 220.1 115.8 347.3
158 96.6 47.9 143.7

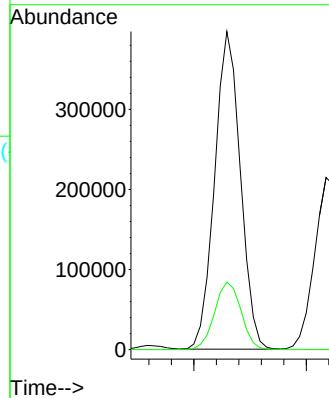
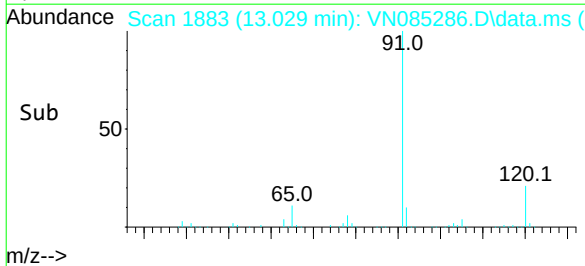
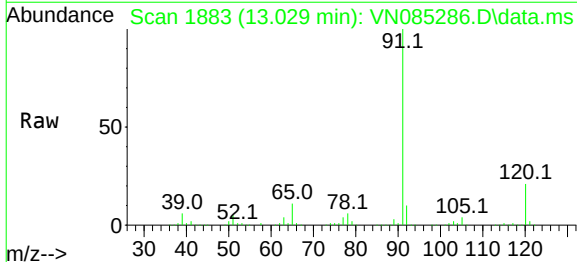
Manual Integrations
APPROVED

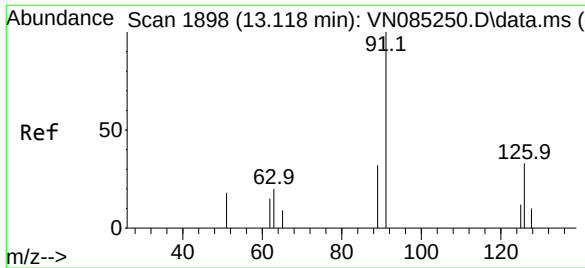
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#78
n-propylbenzene
Concen: 57.116 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

Tgt Ion: 91 Resp: 629889
Ion Ratio Lower Upper
91 100
120 21.8 10.8 32.3





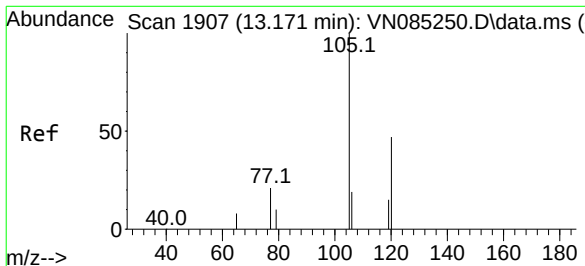
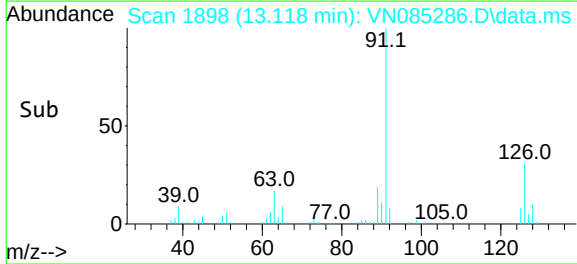
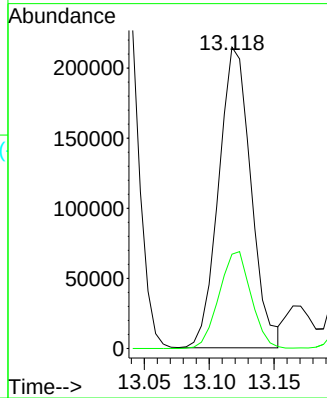
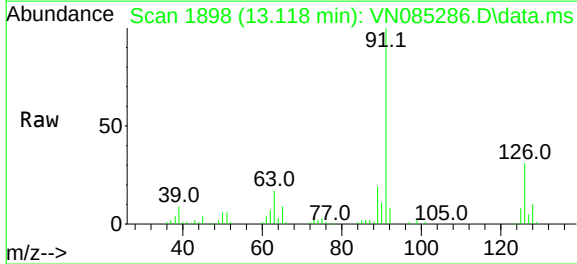
#79
2-Chlorotoluene
Concen: 53.098 ug/l
RT: 13.118 min Scan# 1898
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 371796
Ion Ratio Lower Upper
91 100
126 31.9 15.2 45.5

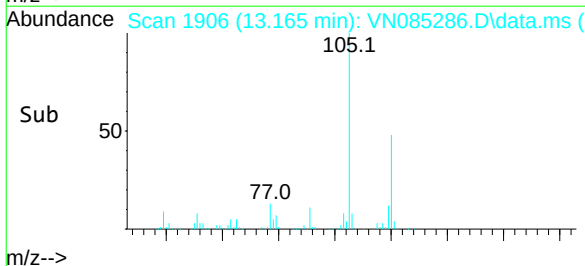
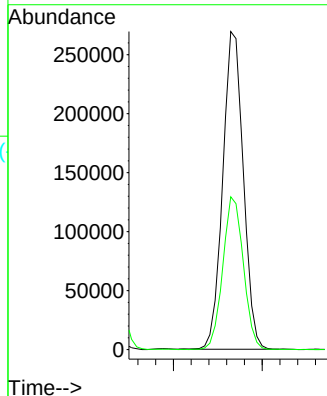
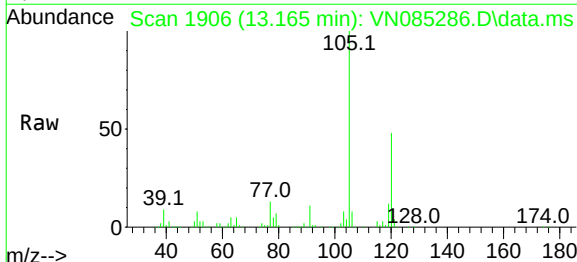
Manual Integrations
APPROVED

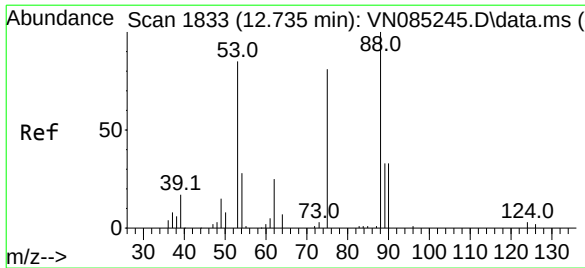
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#80
1,3,5-Trimethylbenzene
Concen: 57.787 ug/l
RT: 13.165 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

Tgt Ion:105 Resp: 433427
Ion Ratio Lower Upper
105 100
120 48.3 23.4 70.2





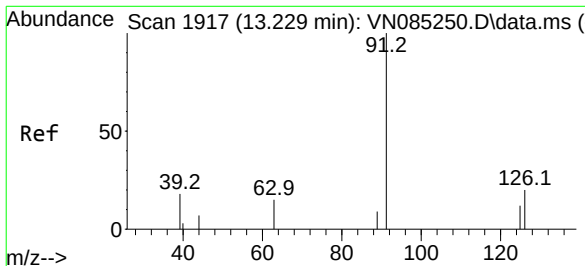
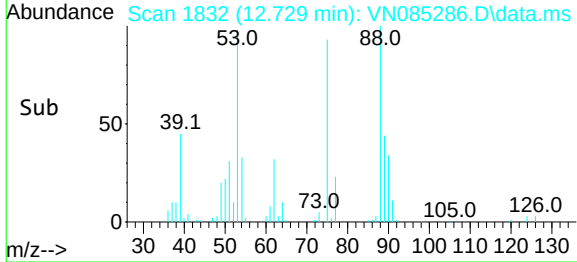
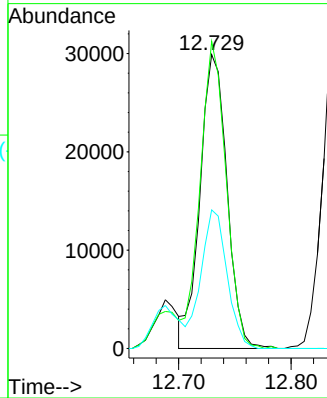
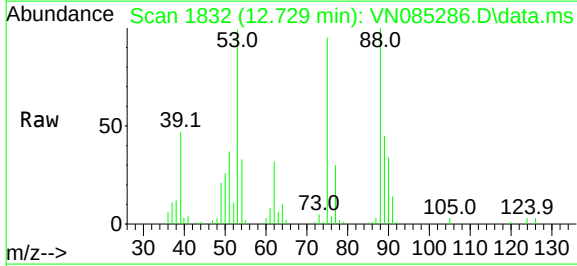
#81
trans-1,4-Dichloro-2-butene
Concen: 44.585 ug/l
RT: 12.729 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 49892
Ion Ratio Lower Upper
75 100
53 101.2 84.9 127.3
89 45.4 37.9 56.9

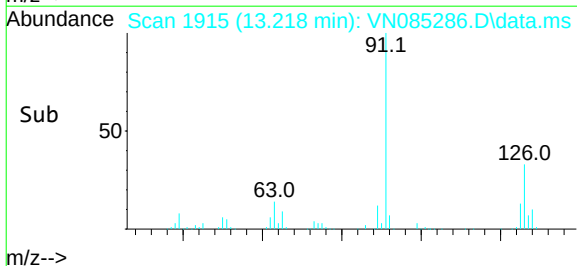
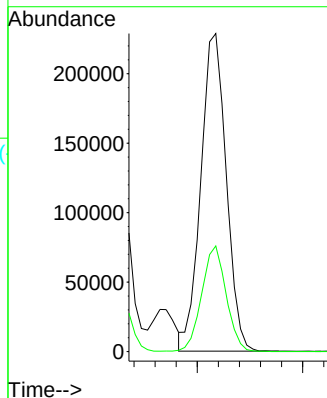
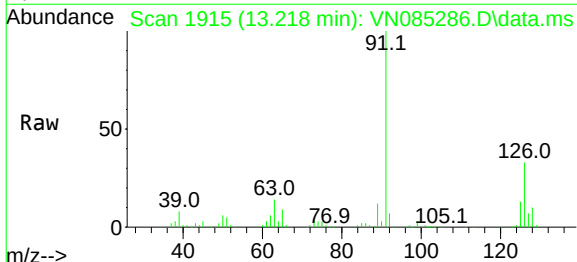
Manual Integrations
APPROVED

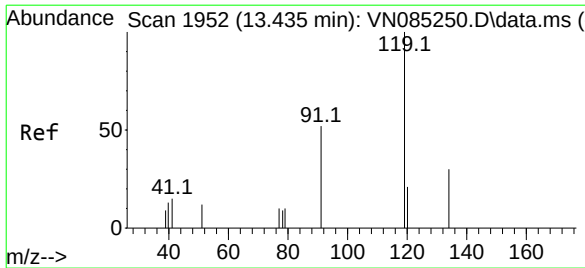
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#82
4-Chlorotoluene
Concen: 54.013 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

Tgt Ion: 91 Resp: 382718
Ion Ratio Lower Upper
91 100
126 32.1 15.6 46.8





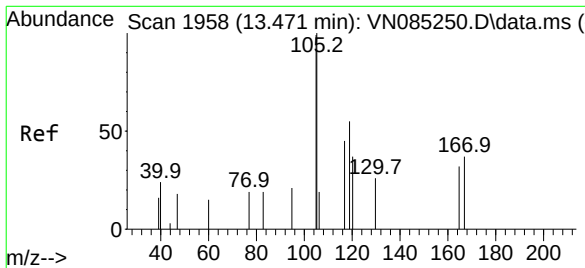
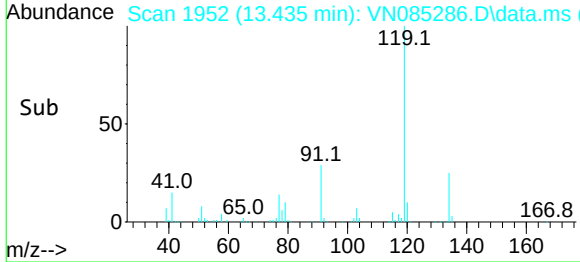
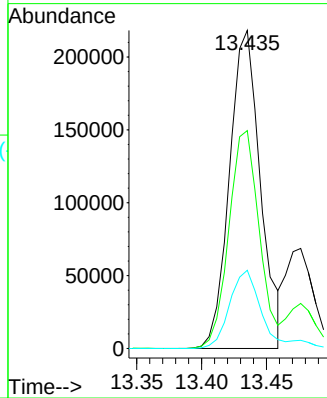
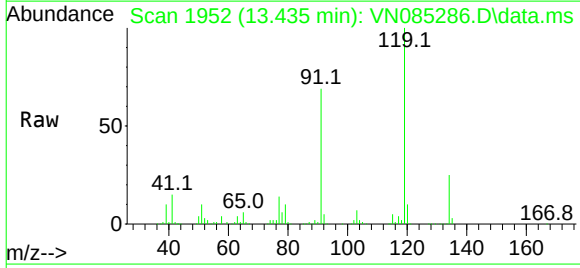
tert-Butylbenzene
Concen: 56.986 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050

Tgt Ion:	119	Resp:	362480
Ion	Ratio	Lower	Upper
119	100		
91	67.4	36.3	108.7
134	26.1	12.2	36.6

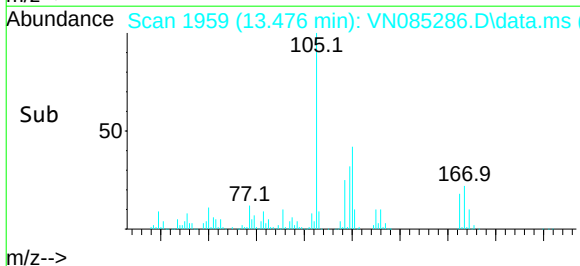
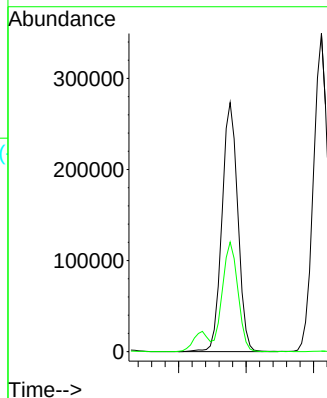
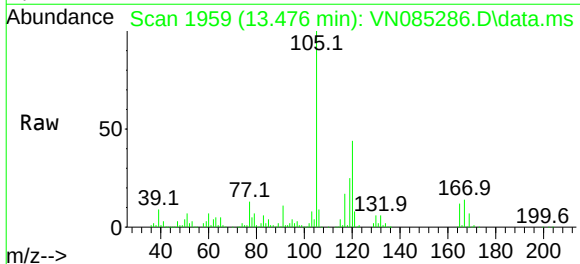
Manual Integrations
APPROVED

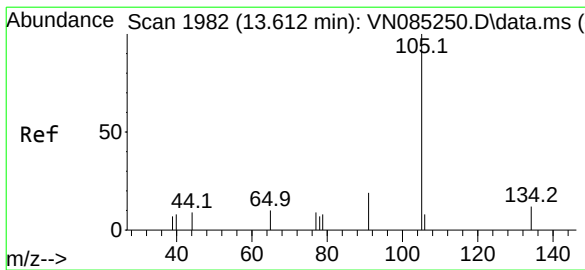
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



1,2,4-Trimethylbenzene
Concen: 58.157 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

Tgt Ion:	105	Resp:	445880
Ion	Ratio	Lower	Upper
105	100		
120	43.4	21.8	65.3





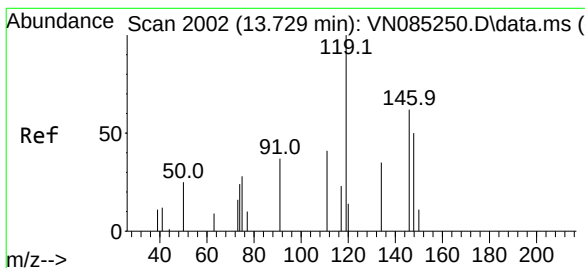
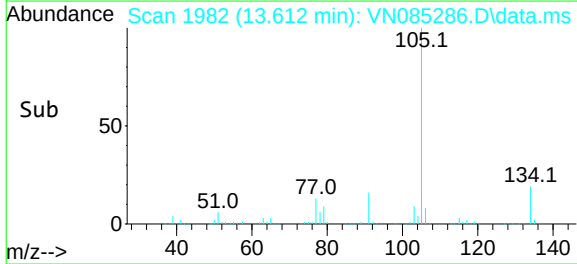
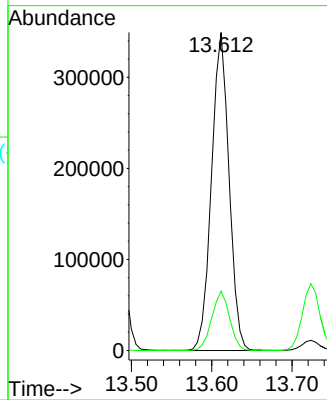
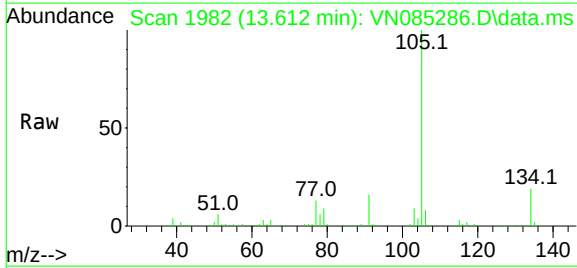
#85
sec-Butylbenzene
Concen: 59.726 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 529651
Ion Ratio Lower Upper
105 100
134 18.9 9.4 28.3

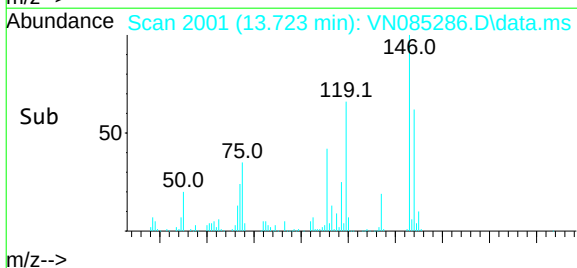
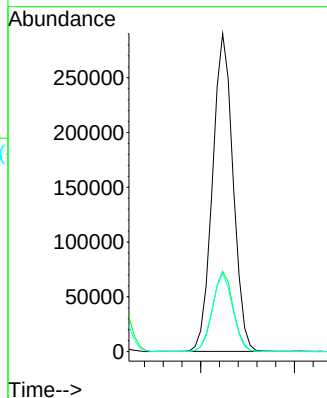
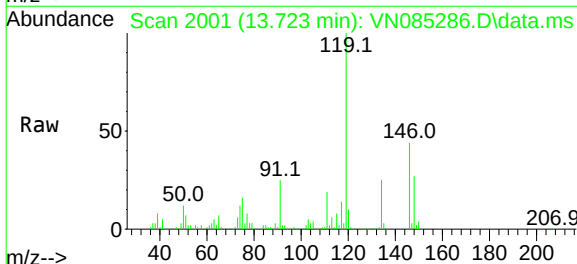
Manual Integrations
APPROVED

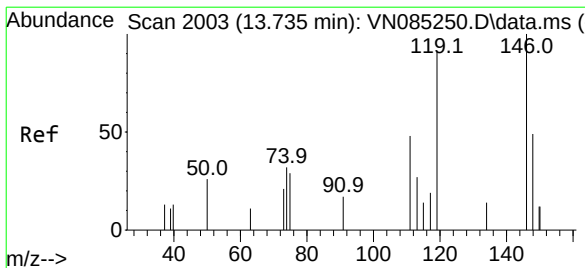
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#86
p-Isopropyltoluene
Concen: 51.402 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

Tgt Ion:119 Resp: 441568
Ion Ratio Lower Upper
119 100
134 25.3 12.5 37.5
91 24.4 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 52.635 ug/l

RT: 13.729 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN085286.D

Acq: 23 Dec 2024 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

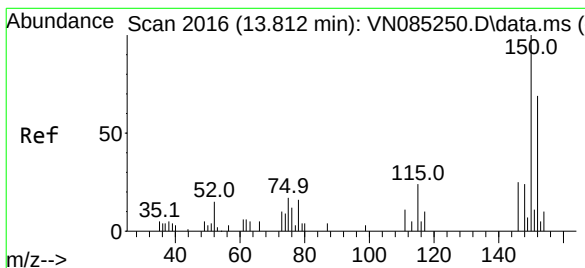
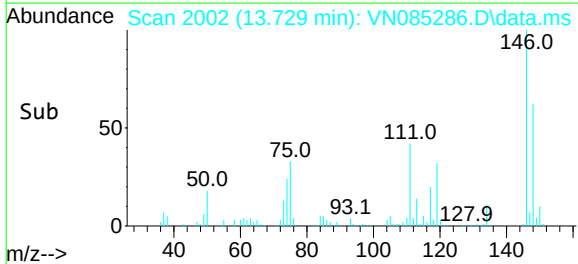
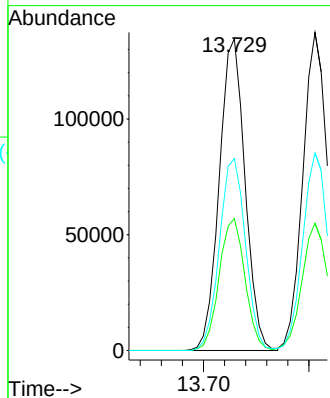
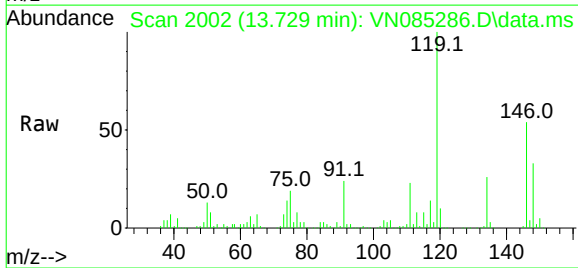
Tgt Ion:	146	Resp:	228855
Ion Ratio	Lower	Upper	
146	100		
111	42.4	21.5	64.5
148	62.3	31.4	94.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#88

1,4-Dichlorobenzene

Concen: 50.468 ug/l

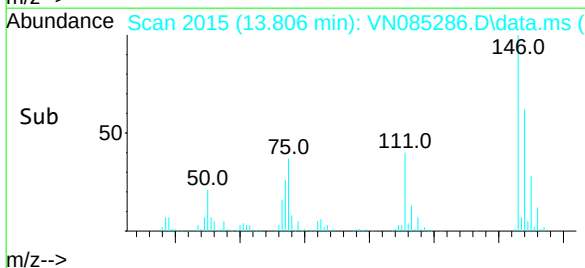
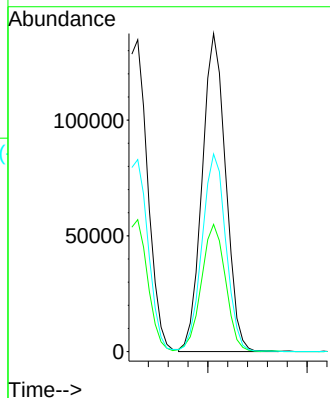
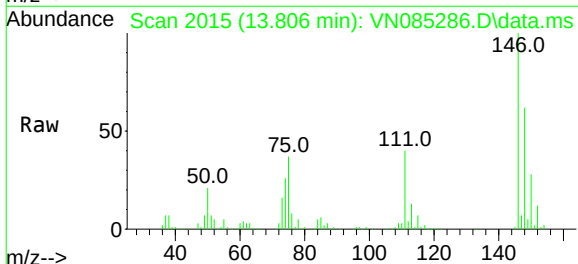
RT: 13.806 min Scan# 2015

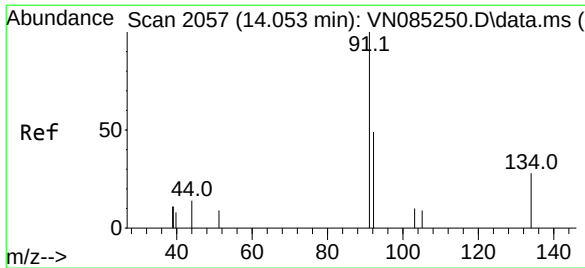
Delta R.T. -0.006 min

Lab File: VN085286.D

Acq: 23 Dec 2024 11:25

Tgt Ion:	146	Resp:	227045
Ion Ratio	Lower	Upper	
146	100		
111	41.0	20.8	62.5
148	63.0	31.9	95.9





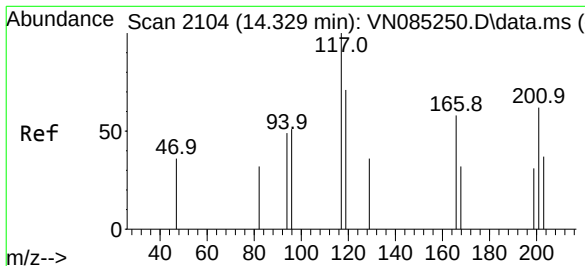
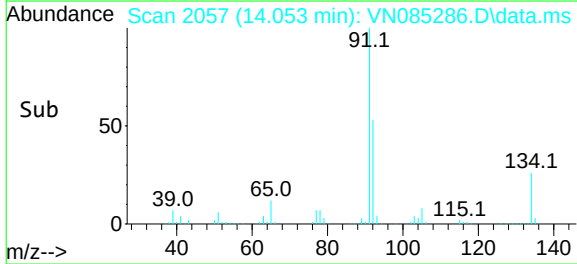
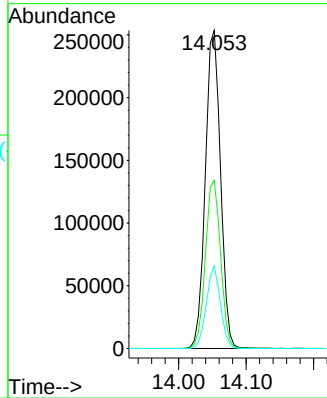
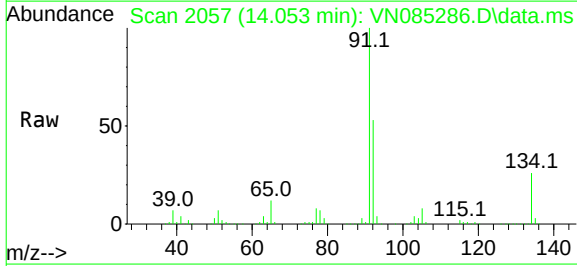
#89
n-Butylbenzene
Concen: 60.725 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	91	Resp:	396027
Ion	Ratio	Lower	Upper
91	100		
92	52.7	25.8	77.3
134	24.0	12.0	36.0

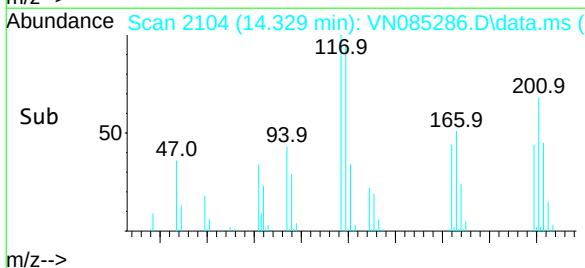
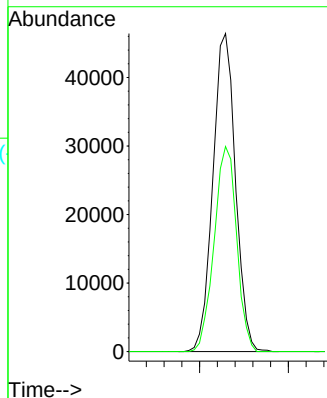
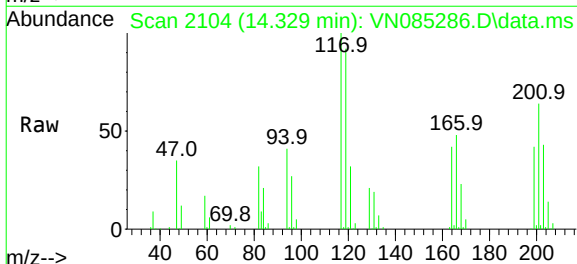
Manual Integrations
APPROVED

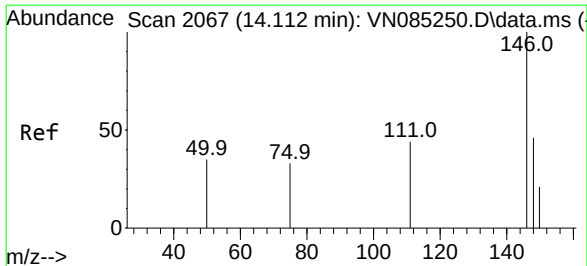
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#90
Hexachloroethane
Concen: 50.380 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

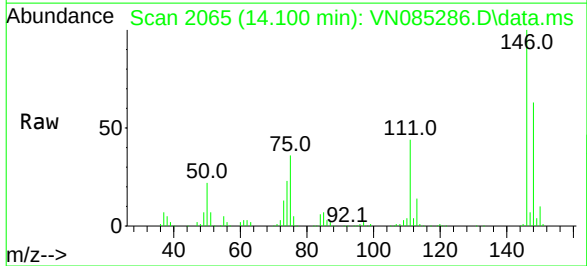
Tgt Ion:	117	Resp:	82072
Ion	Ratio	Lower	Upper
117	100		
201	64.1	31.9	95.7





#91
1,2-Dichlorobenzene
Concen: 53.687 ug/l
RT: 14.100 min Scan# 2067
Delta R.T. -0.006 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

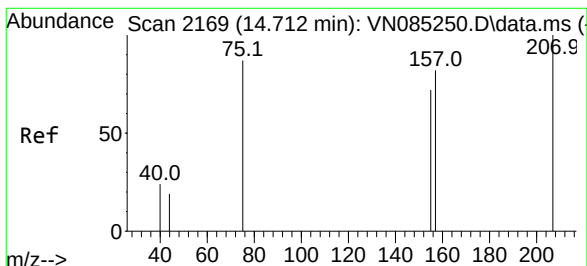
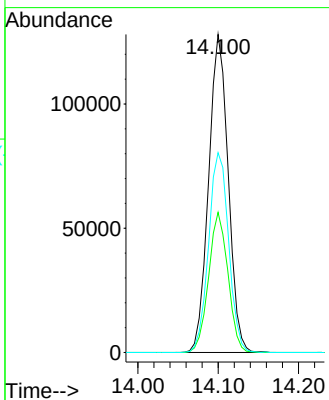
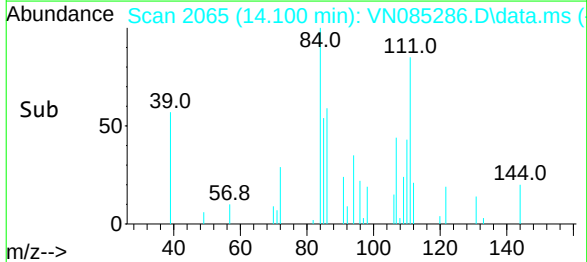
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 146 Resp: 217109
Ion Ratio Lower Upper
146 100
111 43.4 22.1 66.1
148 64.3 31.9 95.9

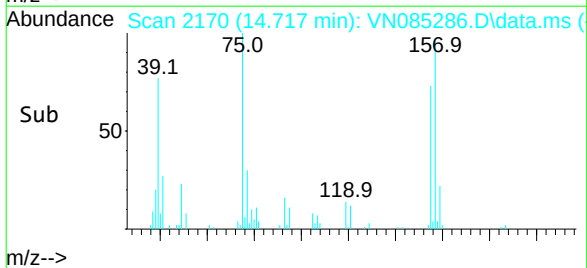
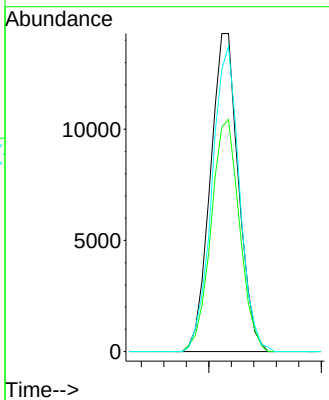
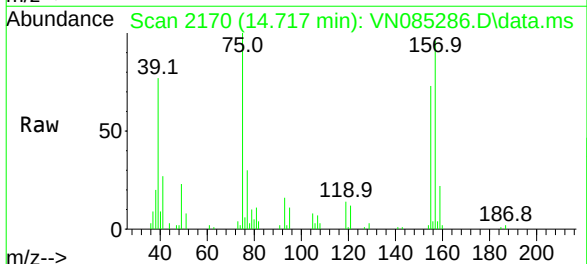
Manual Integrations
APPROVED

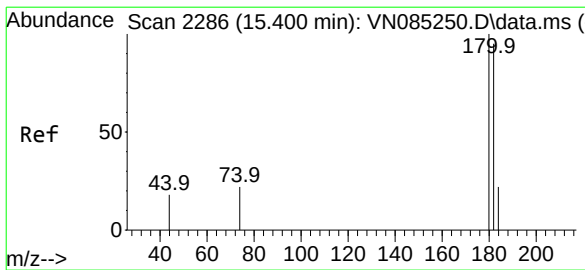
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 40.433 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

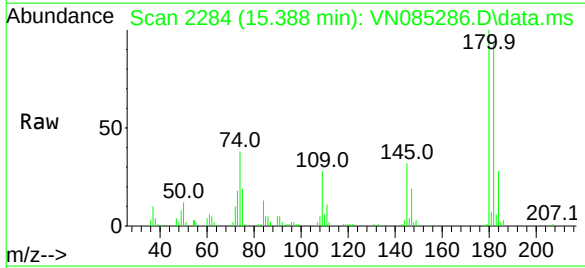
Tgt Ion: 75 Resp: 24843
Ion Ratio Lower Upper
75 100
155 73.7 35.4 106.2
157 93.5 43.3 129.9





#93
1,2,4-Trichlorobenzene
Concen: 55.113 ug/l
RT: 15.388 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25

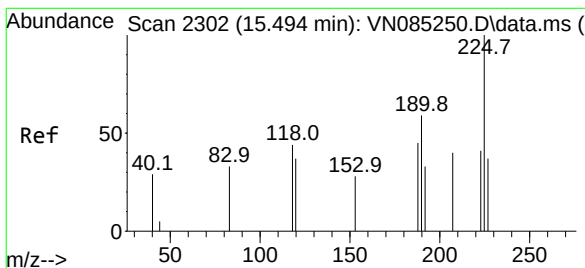
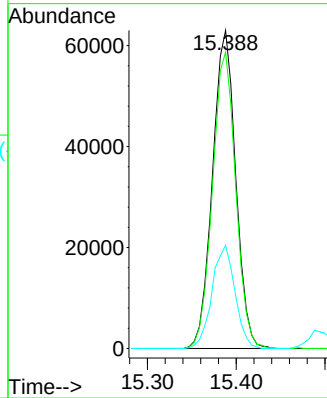
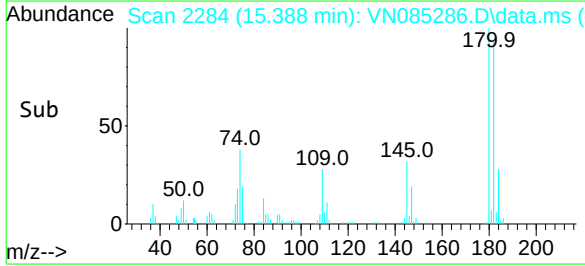
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



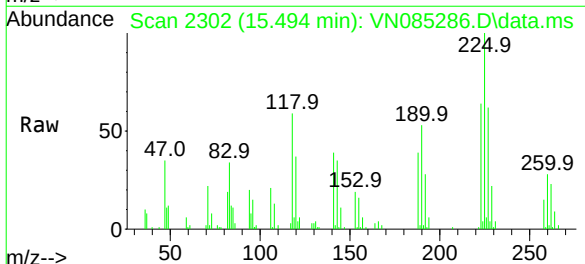
Tgt Ion:180 Resp: 114096
Ion Ratio Lower Upper
180 100
182 93.4 46.3 138.8
145 32.2 16.6 49.7

Manual Integrations
APPROVED

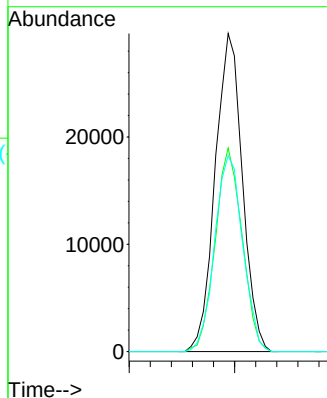
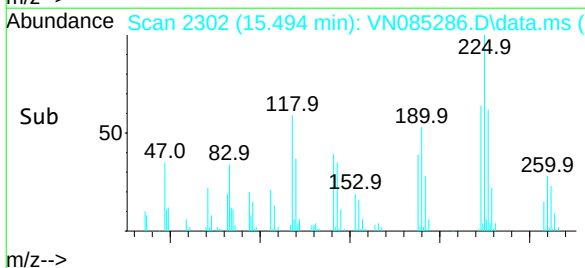
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

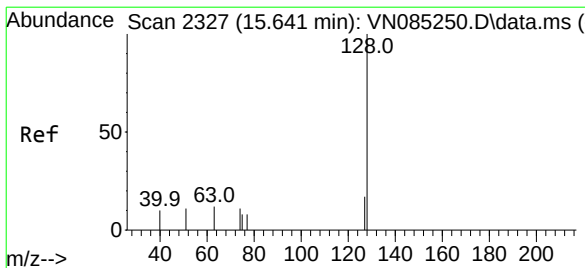


#94
Hexachlorobutadiene
Concen: 49.414 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.000 min
Lab File: VN085286.D
Acq: 23 Dec 2024 11:25



Tgt Ion:225 Resp: 53165
Ion Ratio Lower Upper
225 100
223 63.3 34.1 102.2
227 63.5 33.2 99.6





#95

Naphthalene

Concen: 45.159 ug/l

RT: 15.635 min Scan# 23

Delta R.T. -0.006 min

Lab File: VN085286.D

Acq: 23 Dec 2024 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

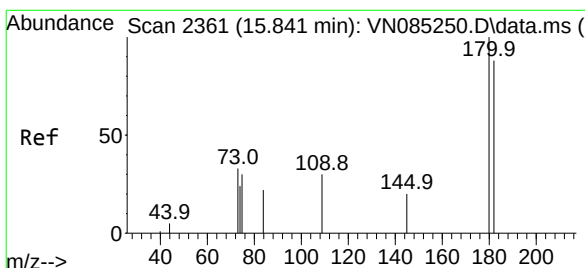
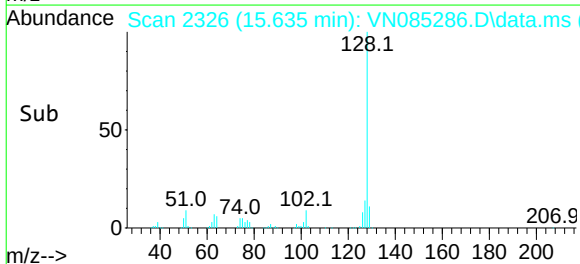
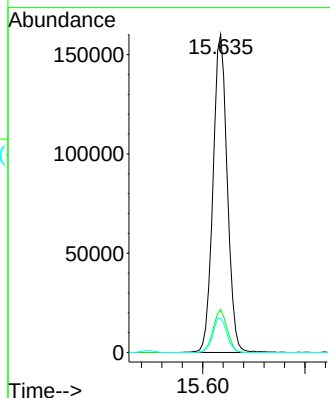
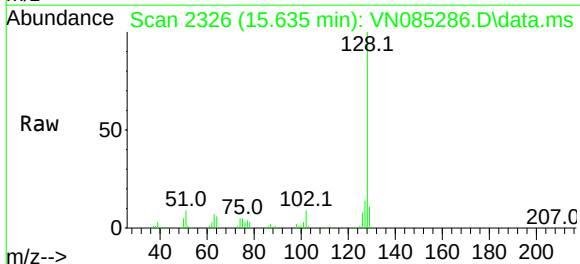
Tgt Ion:	128	Resp:	309579
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.3	15.5
129	10.7	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#96

1,2,3-Trichlorobenzene

Concen: 51.191 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085286.D

Acq: 23 Dec 2024 11:25

Tgt Ion:	180	Resp:	105846
Ion Ratio	Lower	Upper	
180	100		
182	97.5	46.9	140.6
145	34.2	17.6	52.8

