

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120224\
 Data File : VN085071.D
 Acq On : 02 Dec 2024 16:47
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/03/2024
 Supervised By : Mahesh Dadoda 12/03/2024

Quant Time: Dec 03 00:50:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	193378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	307434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	267541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	130285	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	118795	43.127	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.260%
35) Dibromofluoromethane	8.159	113	98461	47.492	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.980%
50) Toluene-d8	10.559	98	338559	45.567	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.140%
62) 4-Bromofluorobenzene	12.847	95	132228	47.589	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.180%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	92917	42.493	ug/l	98
3) Chloromethane	2.354	50	87592	34.538	ug/l	96
4) Vinyl Chloride	2.512	62	92312	40.503	ug/l	99
5) Bromomethane	2.942	94	45975	35.990	ug/l	94
6) Chloroethane	3.106	64	59359	38.640	ug/l	94
7) Trichlorofluoromethane	3.489	101	171682	44.282	ug/l	98
8) Diethyl Ether	3.953	74	60309	45.703	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	100699	45.795	ug/l	98
10) Methyl Iodide	4.583	142	126114	43.328	ug/l	98
11) Tert butyl alcohol	5.600	59	55813	151.628	ug/l #	75
12) 1,1-Dichloroethene	4.336	96	89303	43.509	ug/l	99
13) Acrolein	4.177	56	72283	294.292	ug/l	96
14) Allyl chloride	5.018	41	146778	42.420	ug/l	99
15) Acrylonitrile	5.718	53	214741	206.061	ug/l	99
16) Acetone	4.430	43	209477	261.120	ug/l	98
17) Carbon Disulfide	4.706	76	202880	33.488	ug/l	97
18) Methyl Acetate	5.018	43	111827	43.463	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	315639	47.067	ug/l	99
20) Methylene Chloride	5.265	84	100717	41.143	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	90040	41.687	ug/l	93
22) Diisopropyl ether	6.665	45	321979	46.235	ug/l	98
23) Vinyl Acetate	6.594	43	1132924	235.814	ug/l	99
24) 1,1-Dichloroethane	6.559	63	187159	44.910	ug/l	99
25) 2-Butanone	7.477	43	279823	213.349	ug/l	99
26) 2,2-Dichloropropane	7.489	77	177365	45.579	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	114801	44.088	ug/l	100
28) Bromochloromethane	7.806	49	68217	43.364	ug/l	95
29) Tetrahydrofuran	7.836	42	162819	199.625	ug/l	98
30) Chloroform	7.959	83	197910	44.644	ug/l	95
31) Cyclohexane	8.253	56	145365	39.617	ug/l	96
32) 1,1,1-Trichloroethane	8.159	97	182831	45.640	ug/l	100
36) 1,1-Dichloropropene	8.365	75	127233	45.308	ug/l	99
37) Ethyl Acetate	7.559	43	107980	42.296	ug/l	99
38) Carbon Tetrachloride	8.359	117	158199	48.805	ug/l	94
39) Methylcyclohexane	9.594	83	143904	49.314	ug/l	97
40) Benzene	8.600	78	412112	46.400	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	68342	48.350	ug/l	97
42) 1,2-Dichloroethane	8.665	62	141914	46.705	ug/l	99
43) Isopropyl Acetate	8.683	43	246319m	46.450	ug/l	
44) Trichloroethene	9.347	130	97590	47.280	ug/l	94
45) 1,2-Dichloropropane	9.618	63	104097	47.585	ug/l	99
46) Dibromomethane	9.706	93	69651	45.821	ug/l	98
47) Bromodichloromethane	9.882	83	157872	49.003	ug/l	97
48) Methyl methacrylate	9.677	41	91520	46.379	ug/l	99
49) 1,4-Dioxane	9.706	88	25207	736.595	ug/l #	87
51) 4-Methyl-2-Pentanone	10.441	43	526954	217.560	ug/l	99
52) Toluene	10.629	92	252831	48.085	ug/l	98
53) t-1,3-Dichloropropene	10.829	75	154210	47.744	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	165037	48.164	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	94606	48.306	ug/l	96
56) Ethyl methacrylate	10.871	69	144354	50.441	ug/l	98
57) 1,3-Dichloropropane	11.159	76	163657	47.479	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.153	63	381441	271.720	ug/l	99
59) 2-Hexanone	11.194	43	373534	206.200	ug/l	100
60) Dibromochloromethane	11.353	129	115924	48.432	ug/l	99
61) 1,2-Dibromoethane	11.465	107	93744	46.251	ug/l	99
64) Tetrachloroethene	11.100	164	79559	44.132	ug/l	97
65) Chlorobenzene	11.888	112	268389	44.234	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	102976	48.203	ug/l	98
67) Ethyl Benzene	11.959	91	474373	48.190	ug/l	98
68) m/p-Xylenes	12.065	106	357615	95.422	ug/l	99
69) o-Xylene	12.394	106	172977	48.521	ug/l	99
70) Styrene	12.406	104	287047	48.418	ug/l	99
71) Bromoform	12.576	173	71481	45.077	ug/l #	99
73) Isopropylbenzene	12.694	105	451647	49.139	ug/l	98
74) N-amyl acetate	12.494	43	153060	40.413	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	118354	37.710	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	107319m	45.286	ug/l	
77) Bromobenzene	12.976	156	102404	41.402	ug/l	99
78) n-propylbenzene	13.029	91	509377	48.049	ug/l	100
79) 2-Chlorotoluene	13.123	91	310813	43.920	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	366659	47.541	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	43882	40.878	ug/l	96
82) 4-Chlorotoluene	13.218	91	303985	41.263	ug/l	99
83) tert-Butylbenzene	13.435	119	315850	47.597	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	364211	45.876	ug/l	99
85) sec-Butylbenzene	13.612	105	425728	47.491	ug/l	100
86) p-Isopropyltoluene	13.723	119	358079	48.389	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	186942	38.319	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	183573	36.872	ug/l	99
89) n-Butylbenzene	14.053	91	295980	43.009	ug/l	99
90) Hexachloroethane	14.329	117	69572	43.132	ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	177589	37.988	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	22360	36.843	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	94460	37.193	ug/l	97
94) Hexachlorobutadiene	15.500	225	45306	38.653	ug/l	99
95) Naphthalene	15.635	128	277851	38.412	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	94569	39.025	ug/l	97

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Instrument :
MSVOA_N
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VSTDCCC050EC

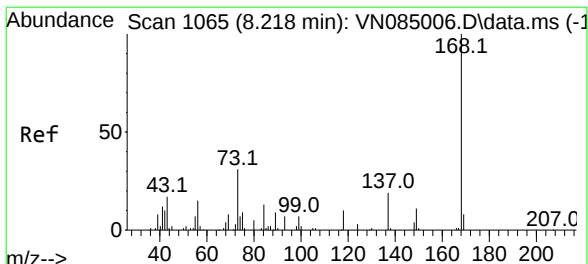
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024

Quant Time: Dec 03 00:50:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration

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



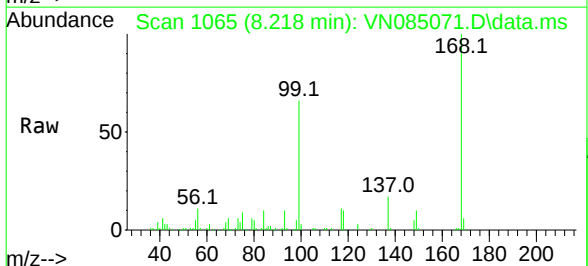
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Instrument :

MSVOA_N

ClientSampleId :

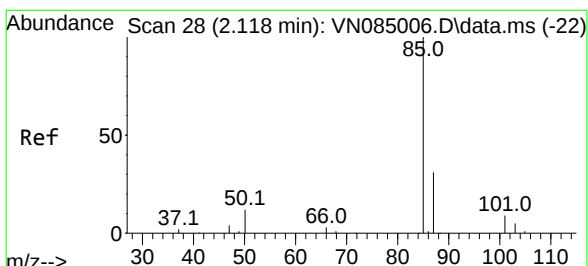
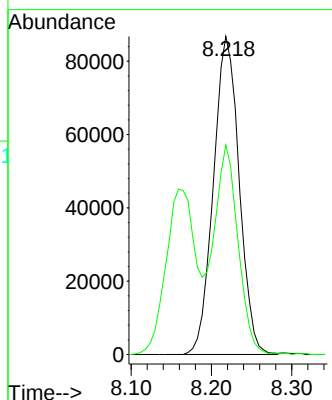
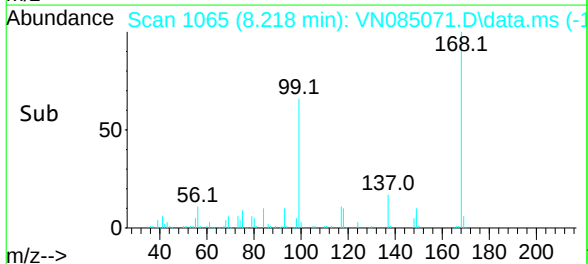
VSTDCCC050EC



Tgt Ion:168 Resp: 193378
Ion Ratio Lower Upper
168 100
99 65.7 51.2 76.8

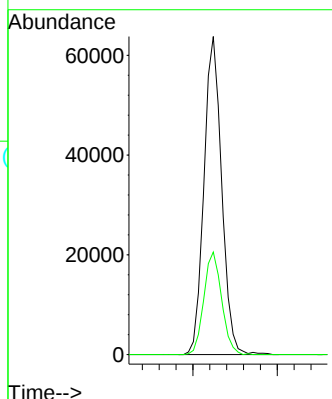
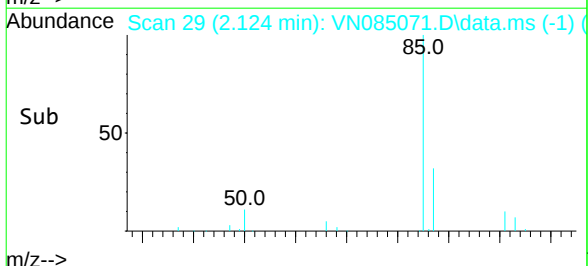
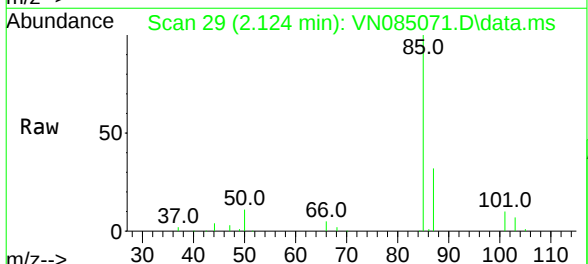
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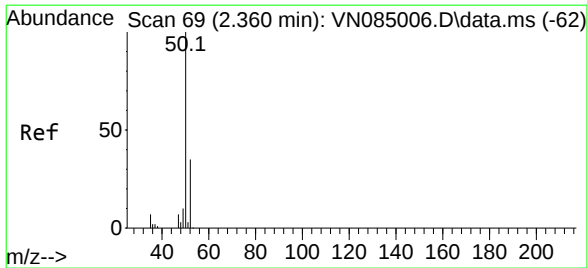
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#2
Dichlorodifluoromethane
Concen: 42.493 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.006 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

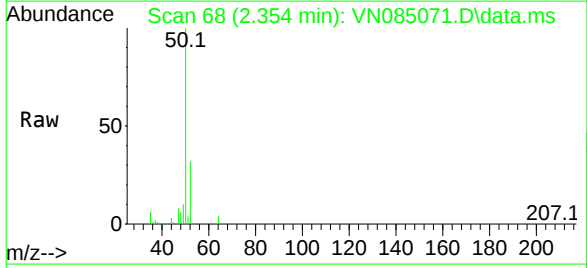
Tgt Ion: 85 Resp: 92917
Ion Ratio Lower Upper
85 100
87 32.2 15.7 47.1





#3
Chloromethane
Concen: 34.538 ug/l
RT: 2.354 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

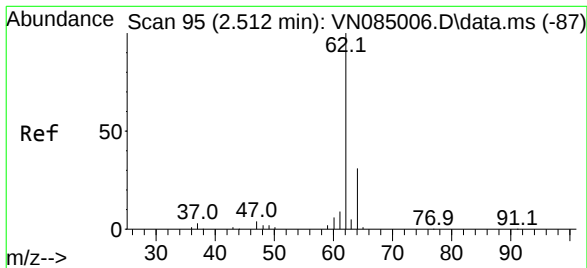
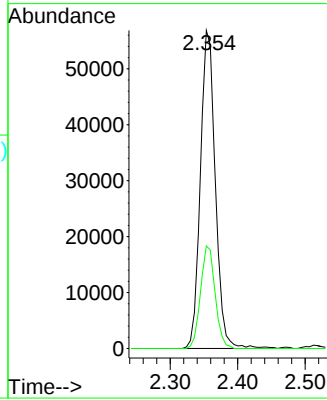
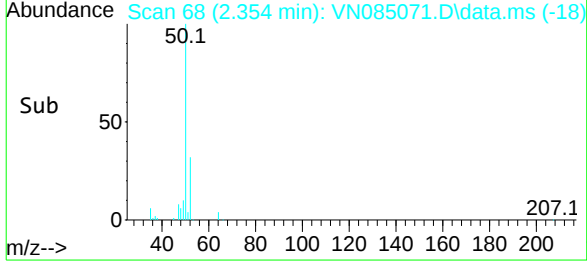
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 87592
Ion Ratio Lower Upper
50 100
52 32.3 27.8 41.8

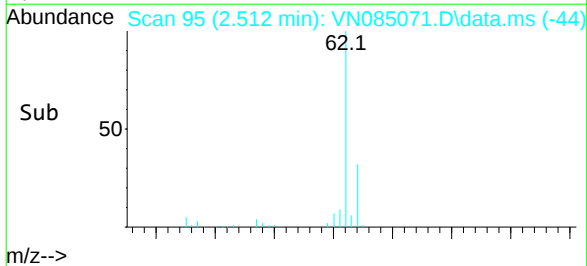
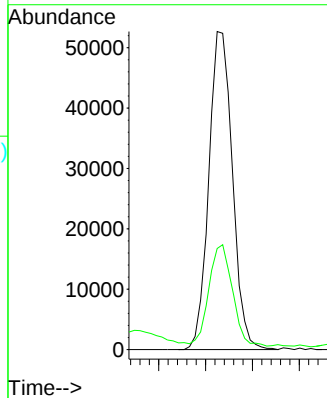
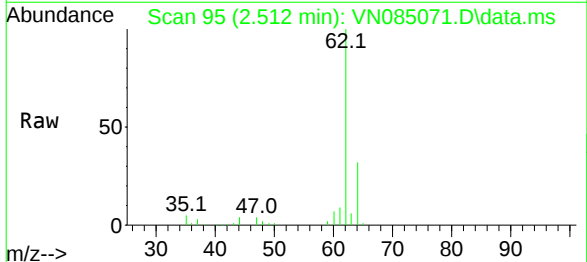
Manual Integrations
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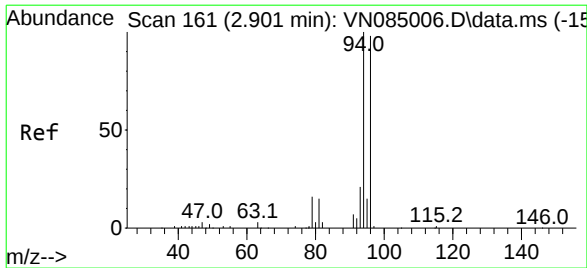
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#4
Vinyl Chloride
Concen: 40.503 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Tgt Ion: 62 Resp: 92312
Ion Ratio Lower Upper
62 100
64 30.2 24.6 36.8





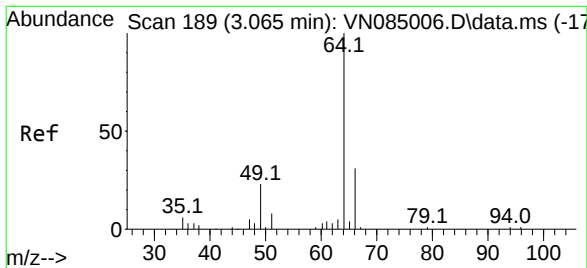
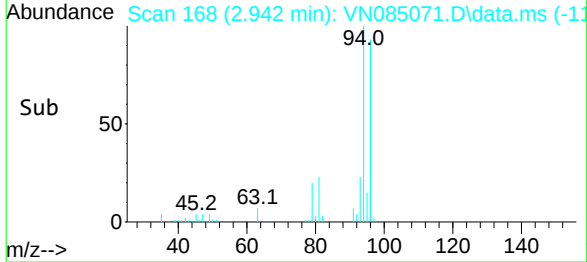
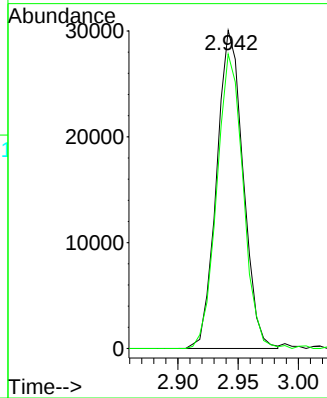
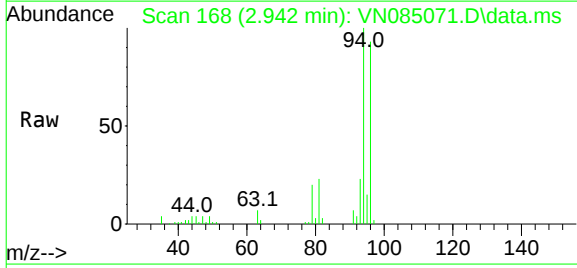
#5
Bromomethane
Concen: 35.990 ug/l
RT: 2.942 min Scan# 161
Delta R.T. 0.041 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 45975
Ion Ratio Lower Upper
94 100
96 92.6 78.7 118.1

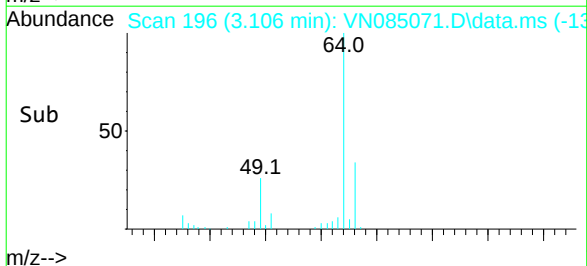
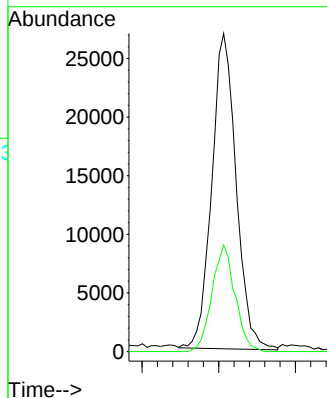
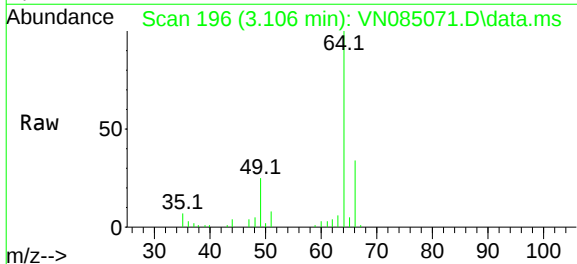
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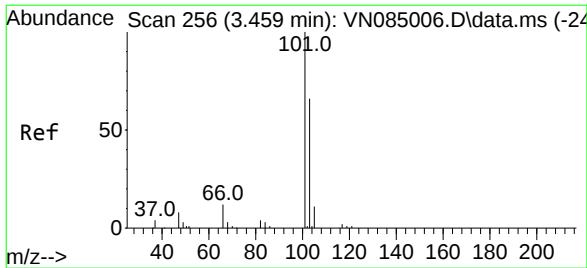
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#6
Chloroethane
Concen: 38.640 ug/l
RT: 3.106 min Scan# 196
Delta R.T. 0.041 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

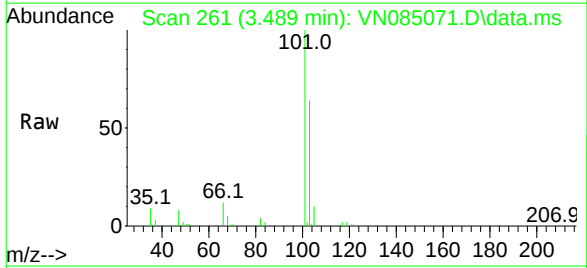
Tgt Ion: 64 Resp: 59359
Ion Ratio Lower Upper
64 100
66 33.9 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 44.282 ug/l
 RT: 3.489 min Scan# 261
 Delta R.T. 0.029 min
 Lab File: VN085071.D
 Acq: 02 Dec 2024 16:47

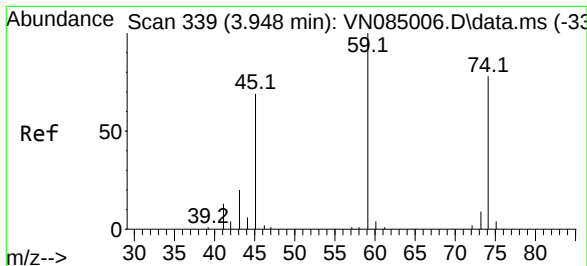
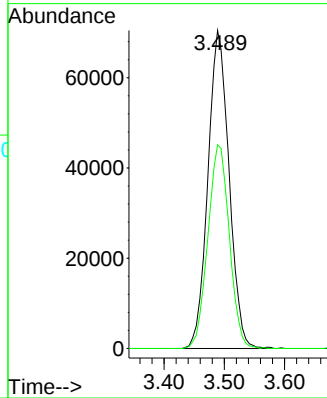
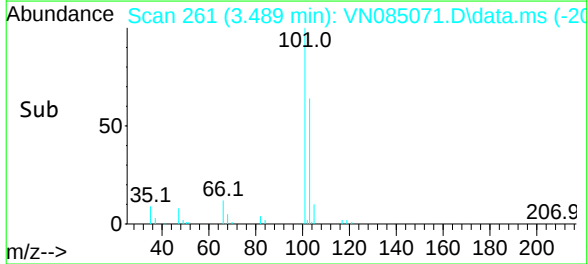
Instrument :
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 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 171682
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.6 78.8

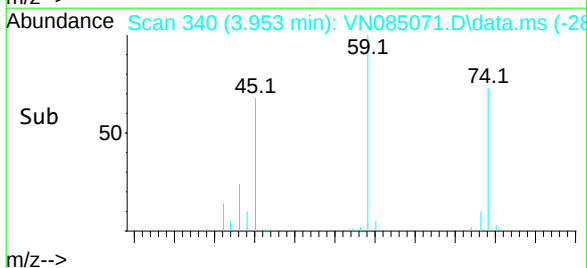
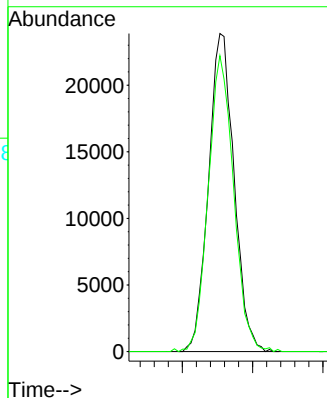
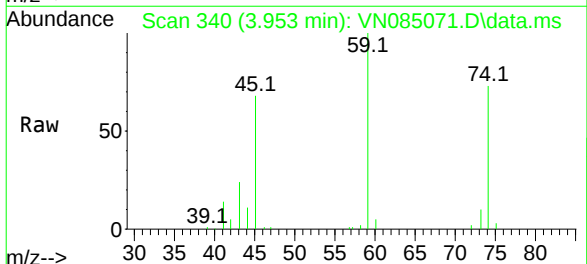
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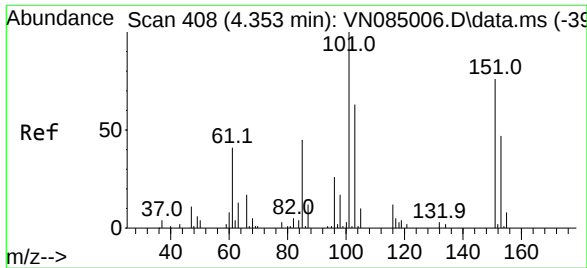
Reviewed By :John Carlone 12/03/2024
 Supervised By :Mahesh Dadoda 12/03/2024



#8
 Diethyl Ether
 Concen: 45.703 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. 0.006 min
 Lab File: VN085071.D
 Acq: 02 Dec 2024 16:47

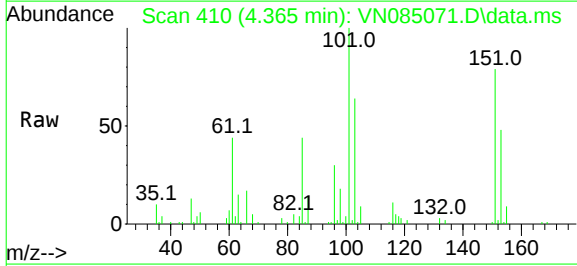
Tgt Ion: 74 Resp: 60309
 Ion Ratio Lower Upper
 74 100
 45 92.3 46.7 140.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.795 ug/l
RT: 4.365 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN085071.D
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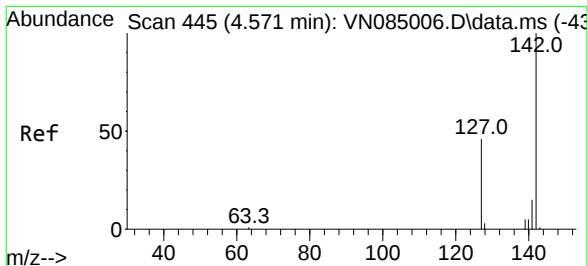
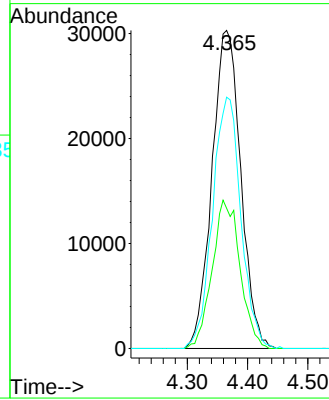
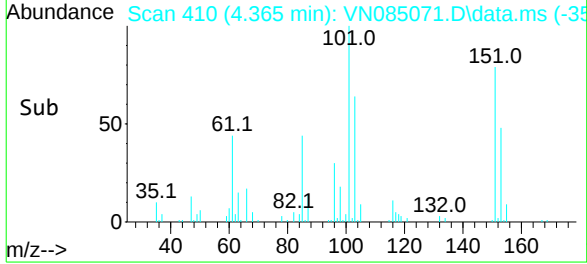
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



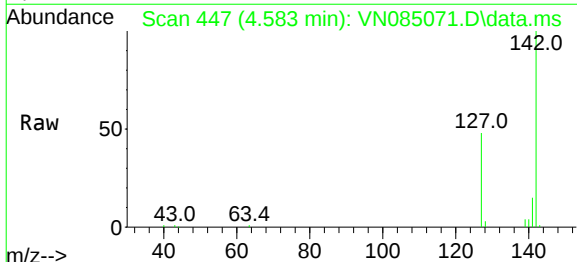
Tgt Ion:101 Resp: 100699
Ion Ratio Lower Upper
101 100
85 45.1 36.9 55.3
151 77.8 60.8 91.2

Manual Integrations
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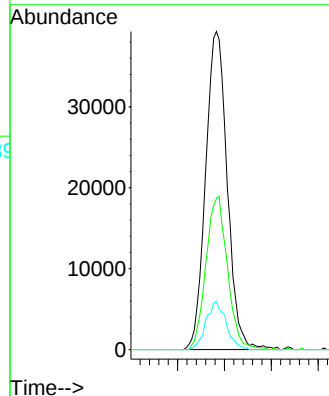
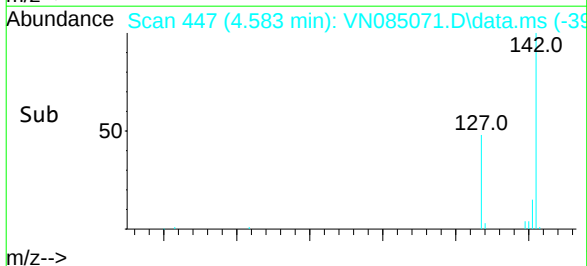
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024

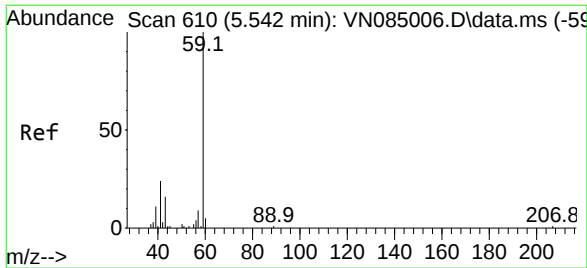


#10
Methyl Iodide
Concen: 43.328 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.012 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47



Tgt Ion:142 Resp: 126114
Ion Ratio Lower Upper
142 100
127 47.5 36.6 54.8
141 15.1 12.2 18.4





#11

Tert butyl alcohol

Concen: 151.628 ug/l

RT: 5.600 min Scan# 62

Delta R.T. 0.059 min

Lab File: VN085071.D

Acq: 02 Dec 2024 16:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 55813

Ion Ratio Lower Upper

59 100

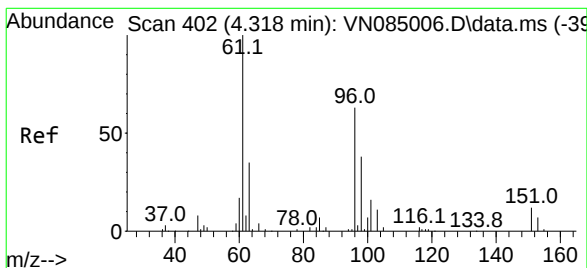
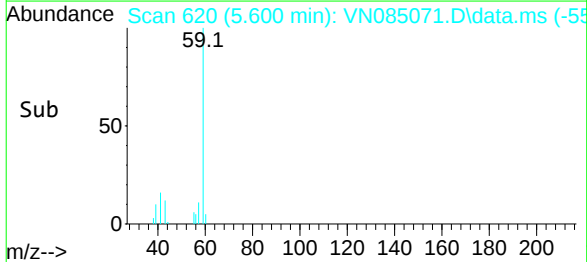
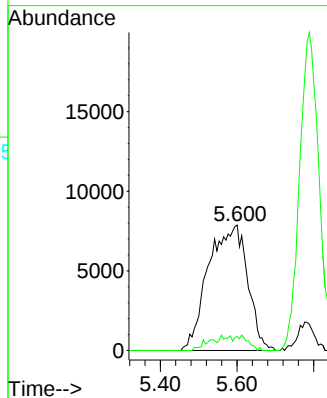
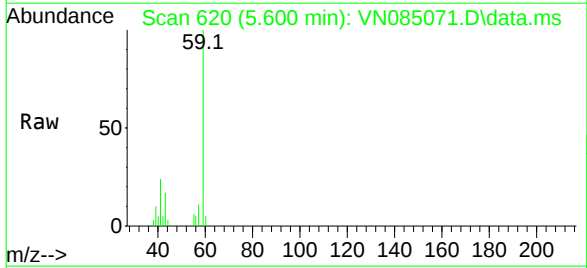
57 0.0 7.4 11.0#

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#12

1,1-Dichloroethene

Concen: 43.509 ug/l

RT: 4.336 min Scan# 405

Delta R.T. 0.018 min

Lab File: VN085071.D

Acq: 02 Dec 2024 16:47

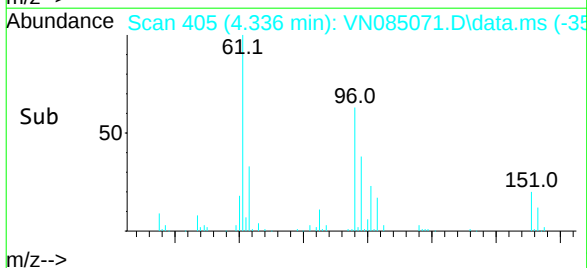
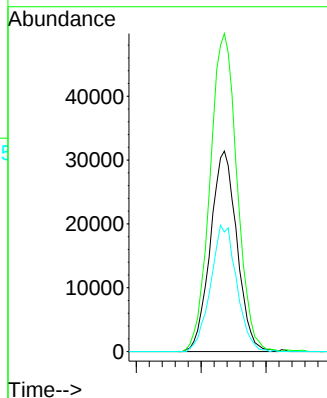
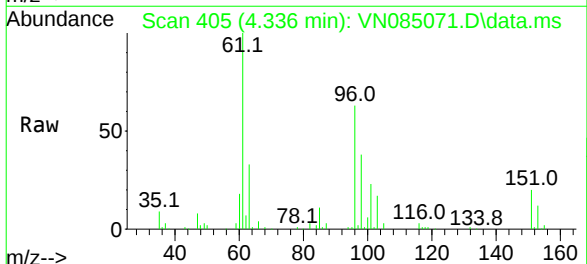
Tgt Ion: 96 Resp: 89303

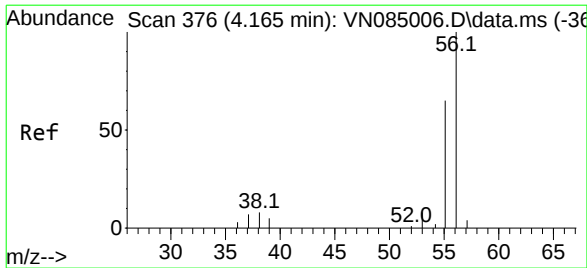
Ion Ratio Lower Upper

96 100

61 158.6 127.8 191.8

98 59.6 49.2 73.8





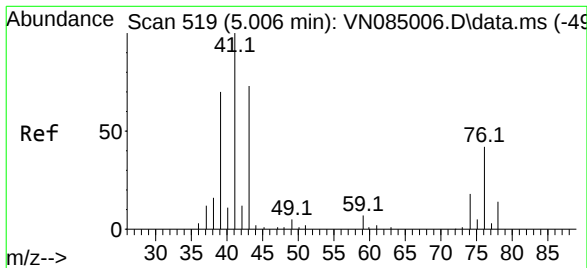
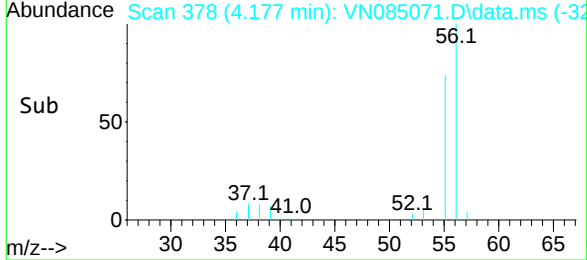
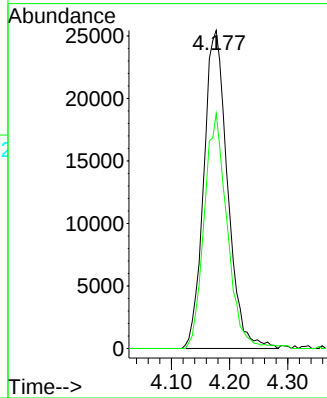
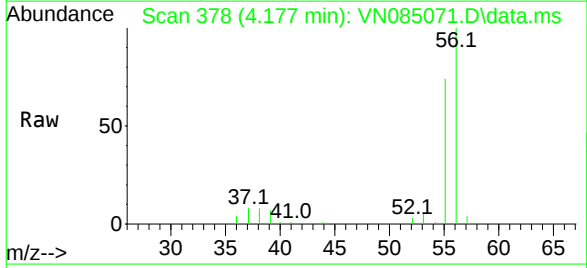
#13
Acrolein
Concen: 294.292 ug/l
RT: 4.177 min Scan# 37
Delta R.T. 0.012 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
55	71.2	54.5	81.7

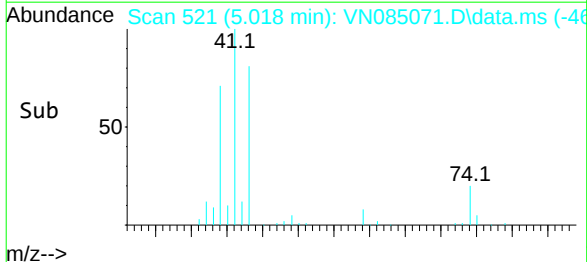
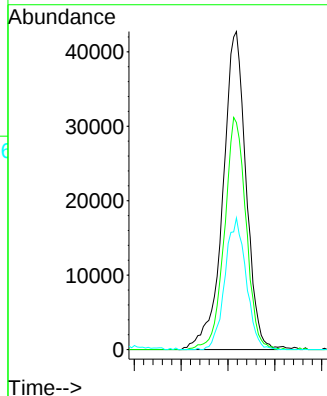
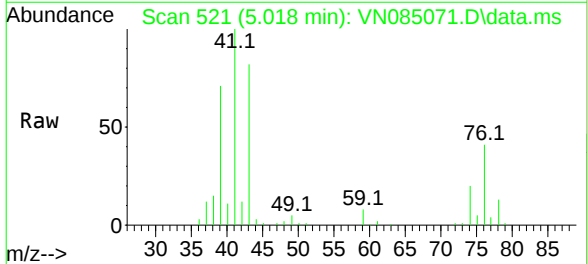
Manual Integrations
APPROVED

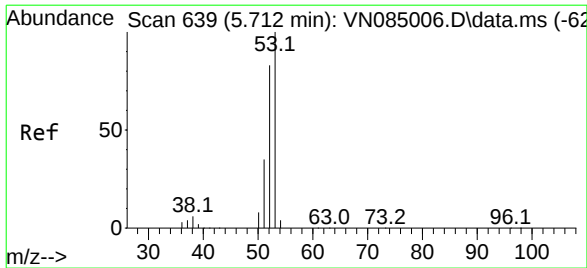
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#14
Allyl chloride
Concen: 42.420 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.012 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

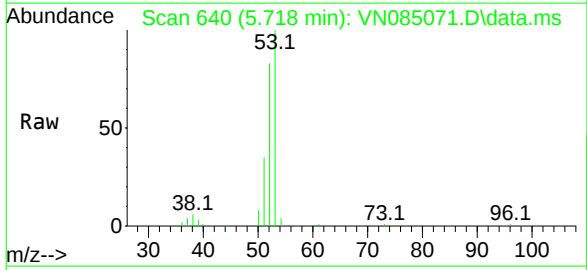
Tgt Ion	Ratio	Lower	Upper
41	100		
39	67.9	53.8	80.8
76	37.7	29.3	43.9





#15
Acrylonitrile
Concen: 206.061 ug/l
RT: 5.718 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

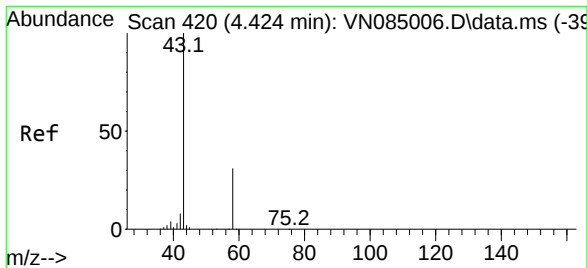
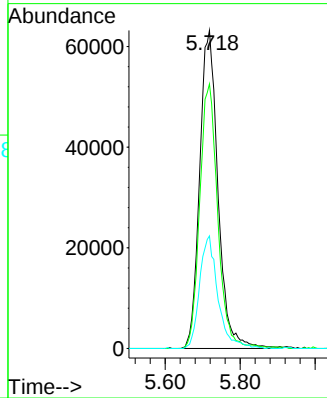
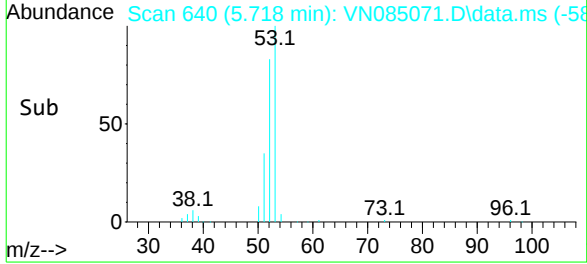
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 214741
Ion Ratio Lower Upper
53 100
52 81.0 65.5 98.3
51 35.4 28.4 42.6

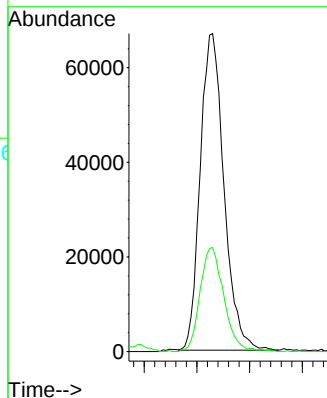
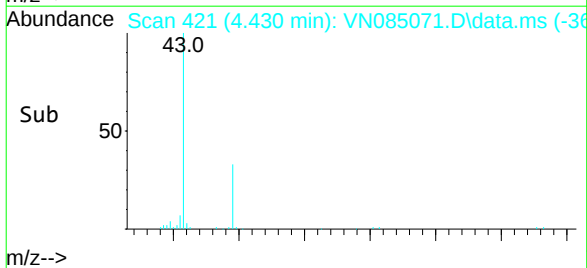
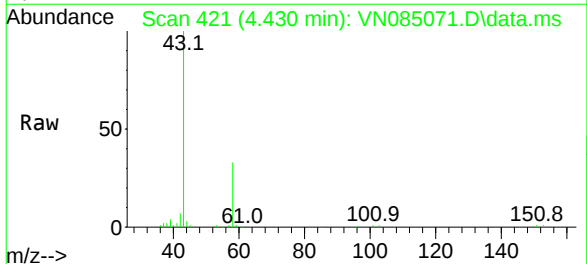
Manual Integrations
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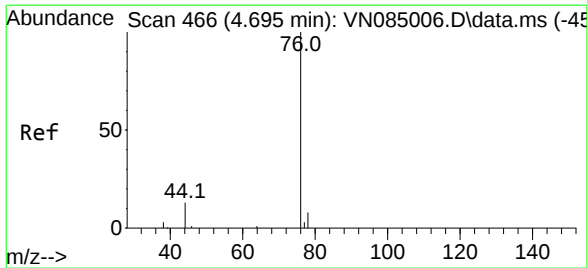
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#16
Acetone
Concen: 261.120 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

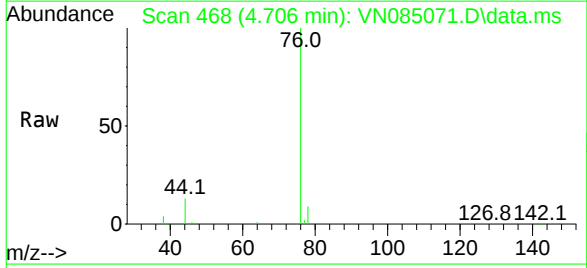
Tgt Ion: 43 Resp: 209477
Ion Ratio Lower Upper
43 100
58 32.9 25.4 38.2





#17
Carbon Disulfide
Concen: 33.488 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.012 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

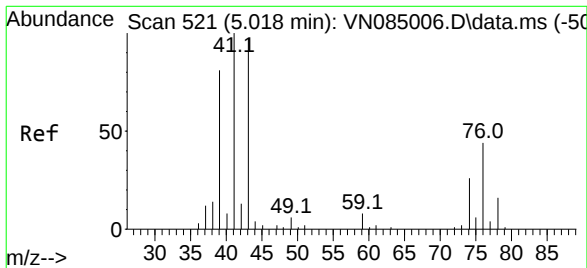
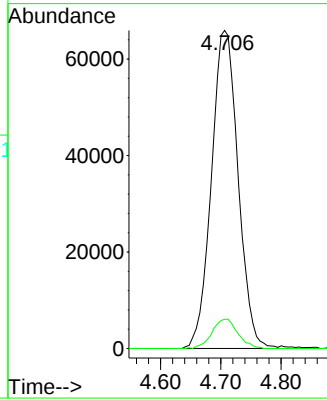
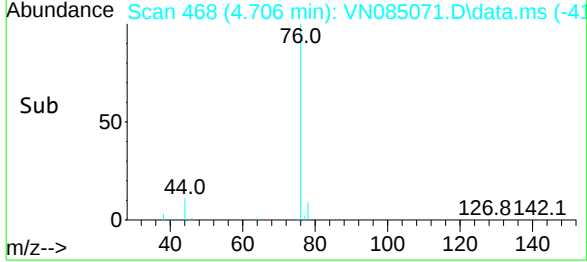
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 202880
Ion Ratio Lower Upper
76 100
78 9.2 6.5 9.7

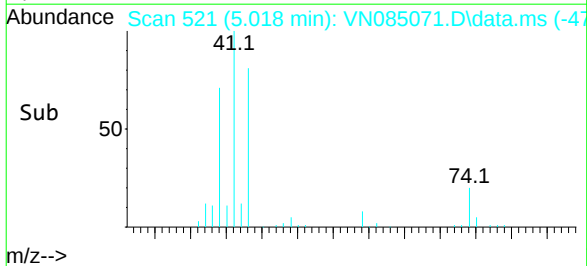
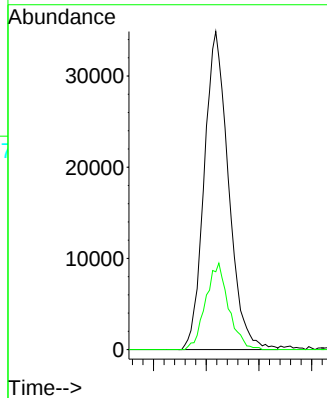
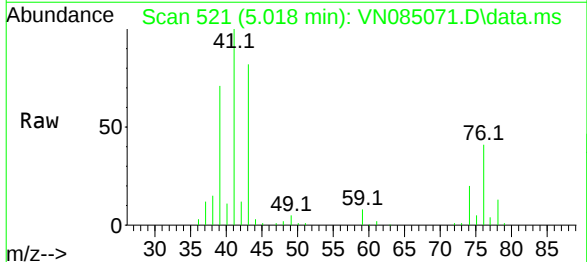
Manual Integrations
APPROVED

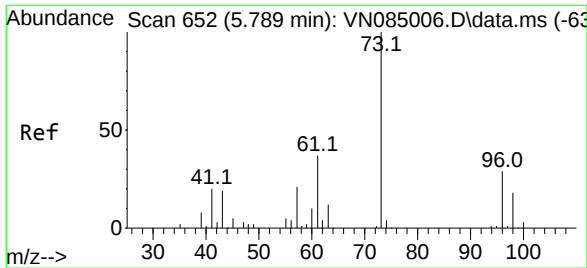
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#18
Methyl Acetate
Concen: 43.463 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Tgt Ion: 43 Resp: 111827
Ion Ratio Lower Upper
43 100
74 25.6 20.1 30.1





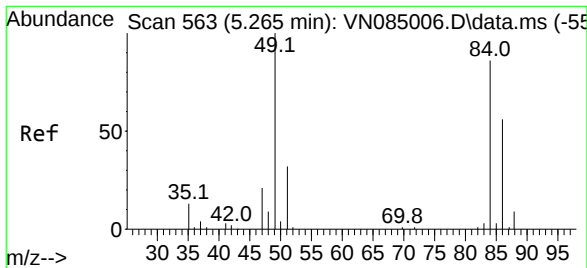
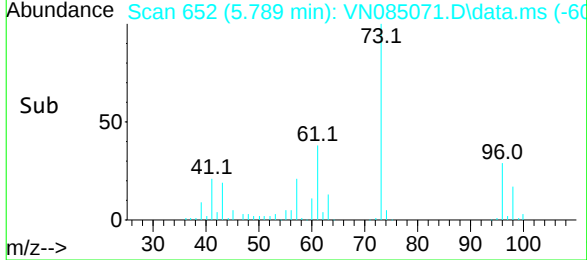
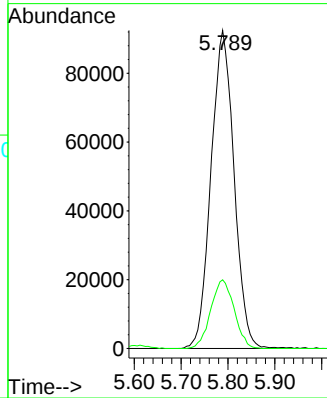
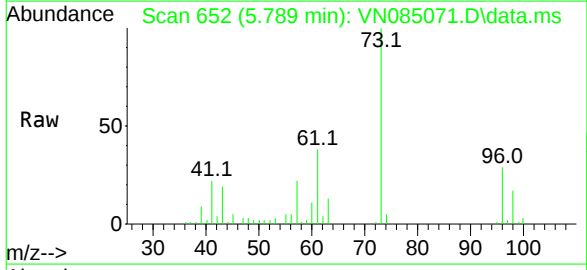
#19
Methyl tert-butyl Ether
Concen: 47.067 ug/l
RT: 5.789 min Scan# 65
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 315639
Ion Ratio Lower Upper
73 100
57 21.6 17.0 25.4

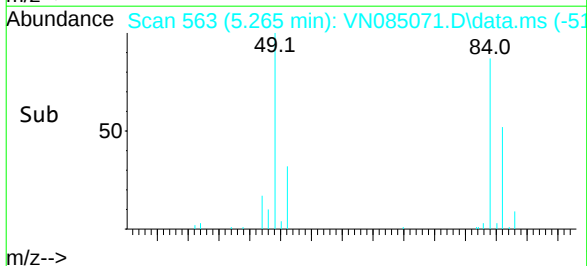
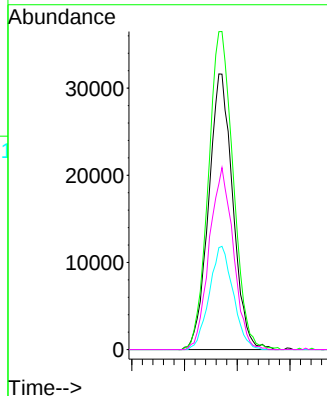
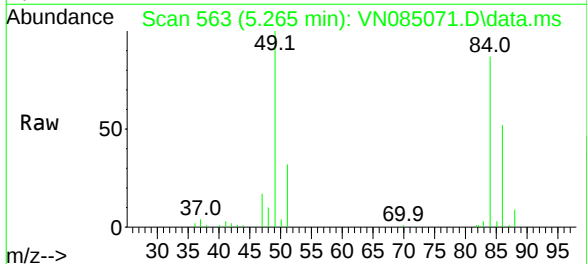
Manual Integrations
APPROVED

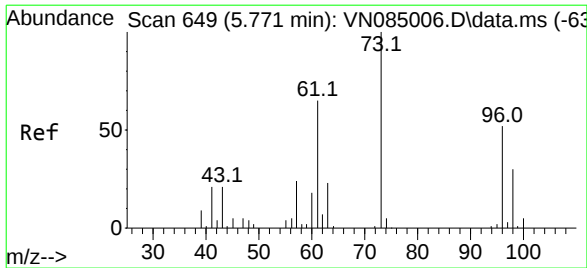
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#20
Methylene Chloride
Concen: 41.143 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

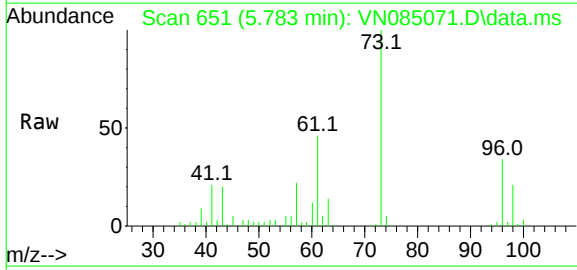
Tgt Ion: 84 Resp: 100717
Ion Ratio Lower Upper
84 100
49 115.3 92.7 139.1
51 37.0 29.4 44.2
86 60.1 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 41.687 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.012 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

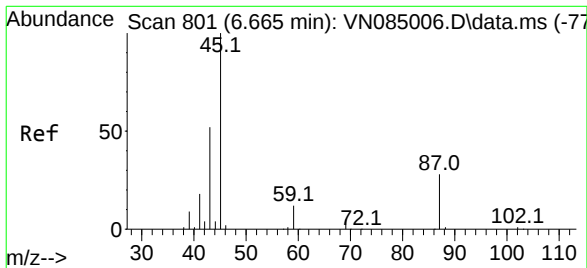
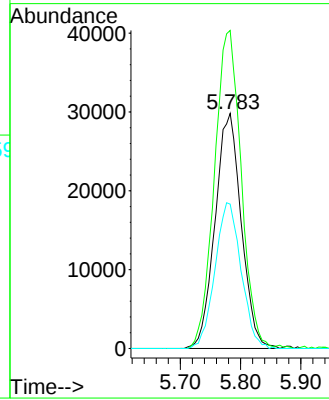
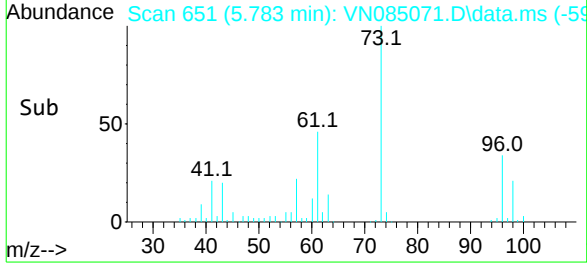
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 90040
Ion Ratio Lower Upper
96 100
61 135.3 100.7 151.1
98 61.4 45.8 68.6

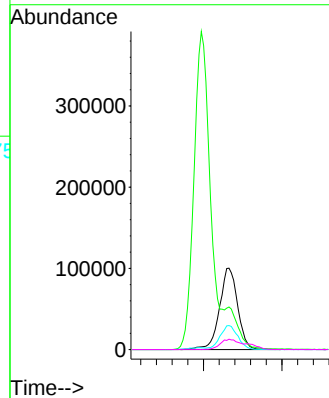
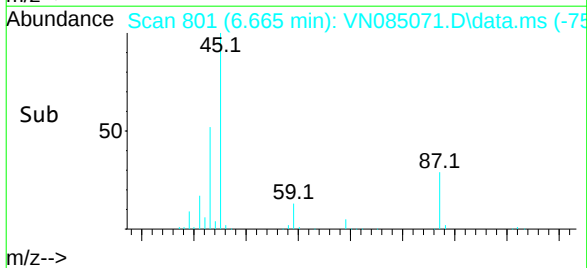
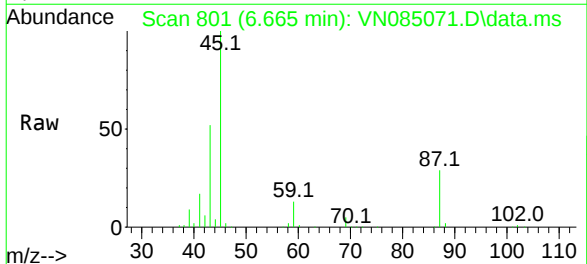
Manual Integrations
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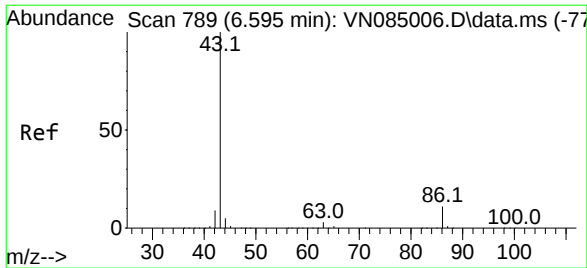
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#22
Diisopropyl ether
Concen: 46.235 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Tgt Ion: 45 Resp: 321979
Ion Ratio Lower Upper
45 100
43 51.5 42.7 64.1
87 29.5 22.6 34.0
59 12.8 9.9 14.9





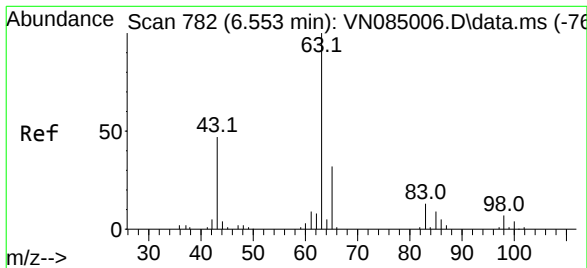
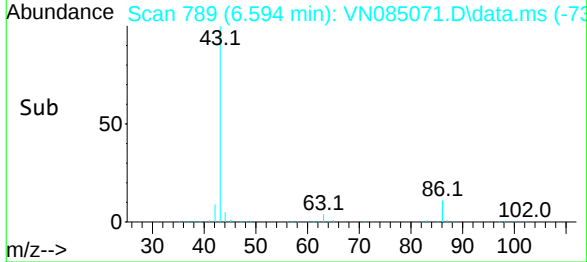
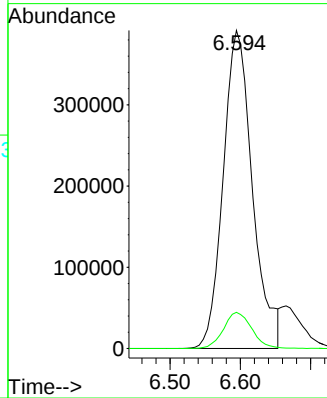
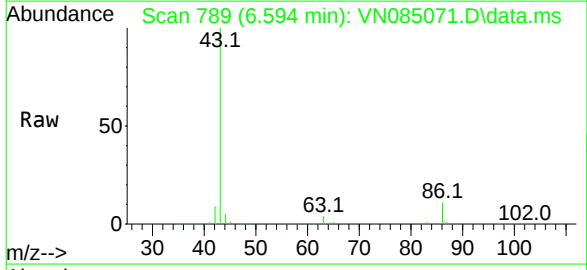
#23
 Vinyl Acetate
 Concen: 235.814 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN085071.D
 Acq: 02 Dec 2024 16:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1132924
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.9 13.3

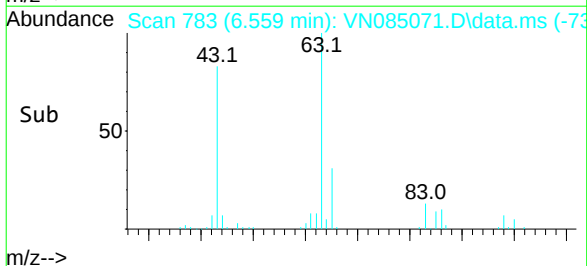
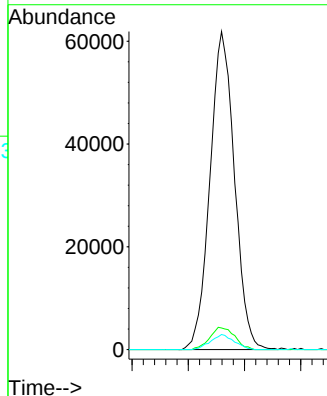
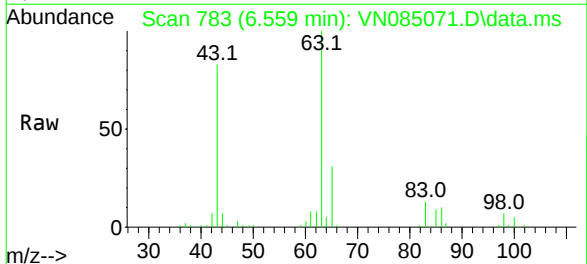
Manual Integrations
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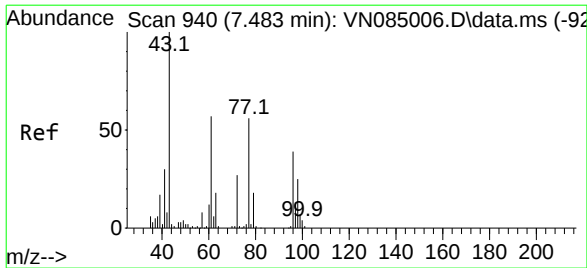
Reviewed By :John Carlone 12/03/2024
 Supervised By :Mahesh Dadoda 12/03/2024



#24
 1,1-Dichloroethane
 Concen: 44.910 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.006 min
 Lab File: VN085071.D
 Acq: 02 Dec 2024 16:47

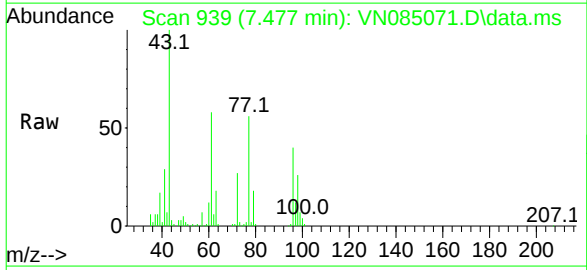
Tgt Ion: 63 Resp: 187159
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.8
 100 4.7 2.2 6.6





#25
2-Butanone
Concen: 213.349 ug/l
RT: 7.477 min Scan# 93
Delta R.T. -0.006 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

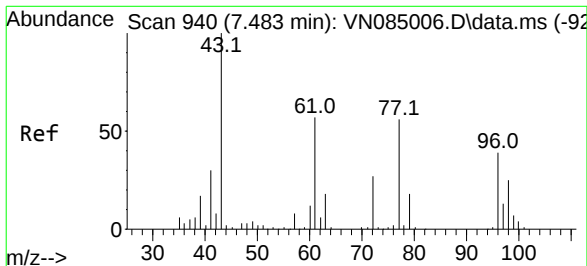
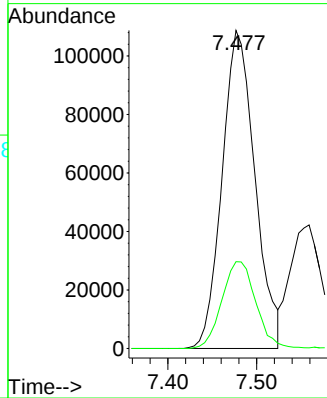
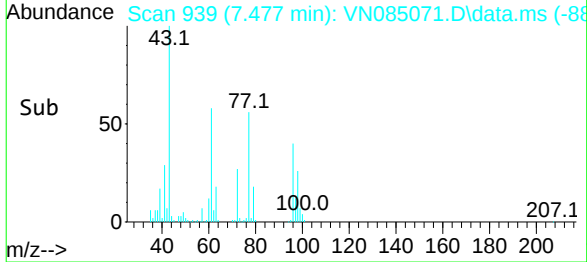
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



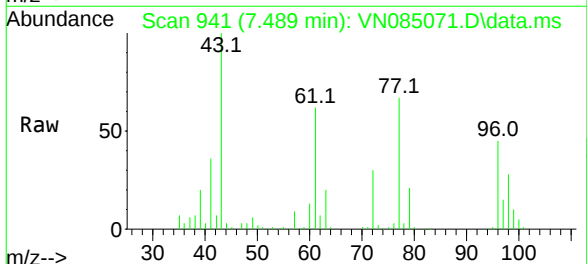
Tgt Ion: 43 Resp: 279823
Ion Ratio Lower Upper
43 100
72 27.3 21.4 32.0

Manual Integrations
APPROVED

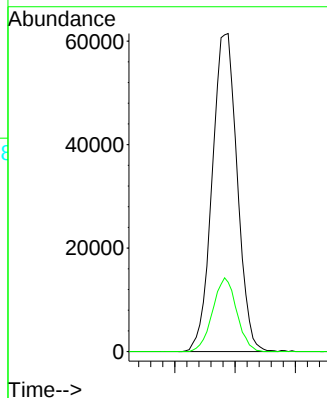
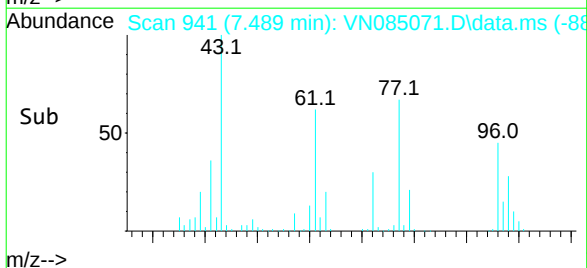
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024

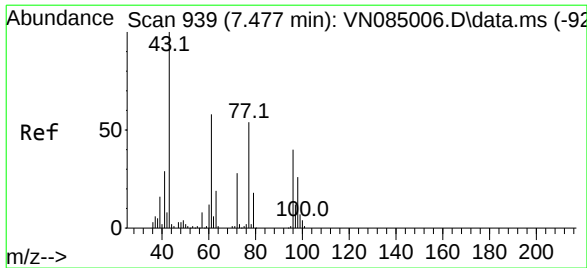


#26
2,2-Dichloropropane
Concen: 45.579 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47



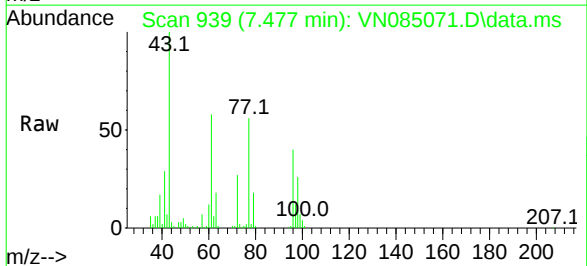
Tgt Ion: 77 Resp: 177365
Ion Ratio Lower Upper
77 100
97 22.2 10.9 32.7





#27
cis-1,2-Dichloroethene
Concen: 44.088 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

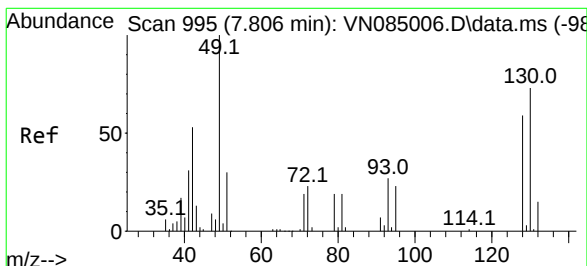
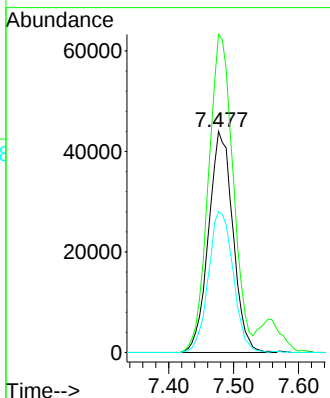
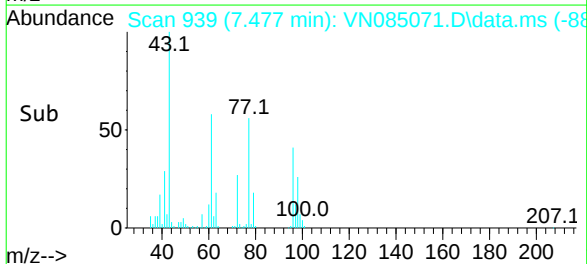
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.1	0.0	291.6
98	64.8	0.0	129.8

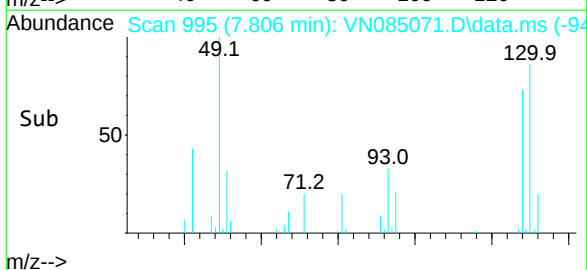
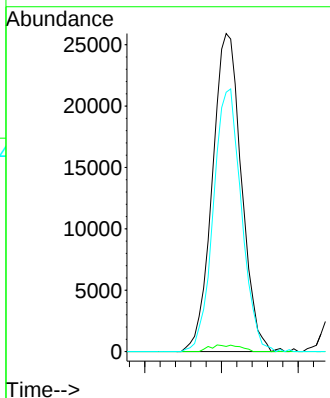
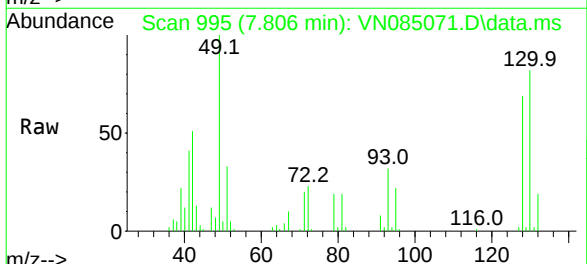
Manual Integrations
APPROVED

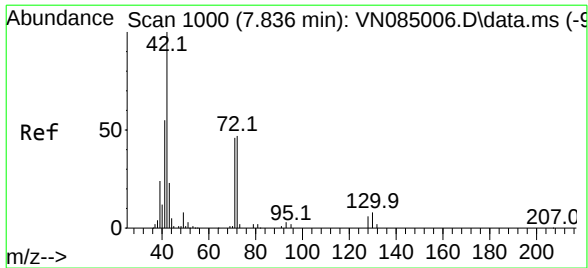
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#28
Bromochloromethane
Concen: 43.364 ug/l
RT: 7.806 min Scan# 995
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.0
130	79.9	60.6	90.8





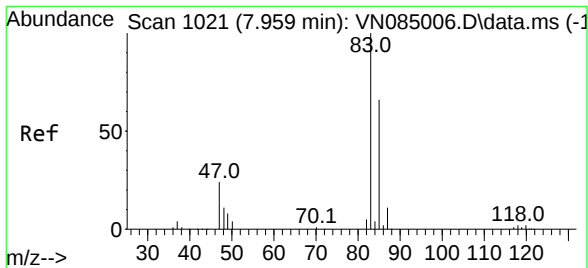
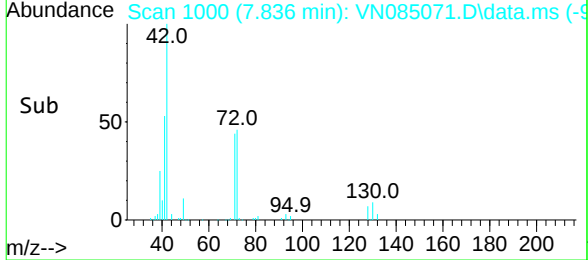
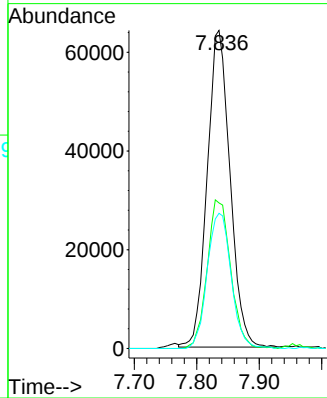
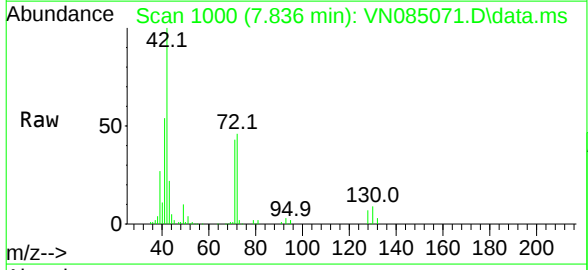
#29
Tetrahydrofuran
Concen: 199.625 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 162819
Ion Ratio Lower Upper
42 100
72 48.3 37.0 55.4
71 44.8 35.0 52.4

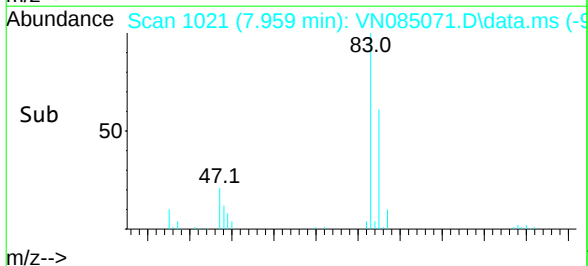
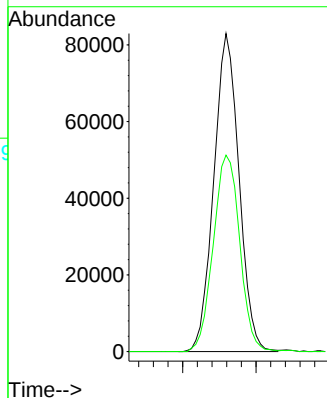
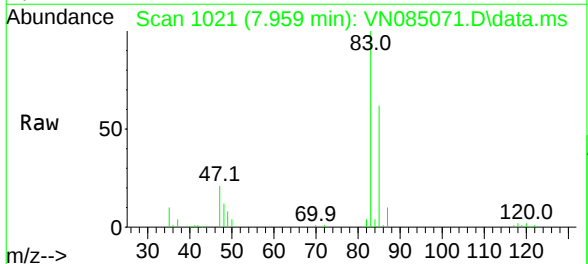
Manual Integrations
APPROVED

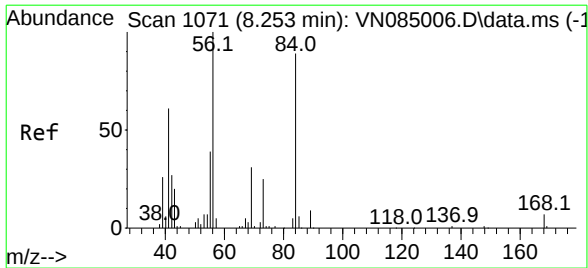
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#30
Chloroform
Concen: 44.644 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

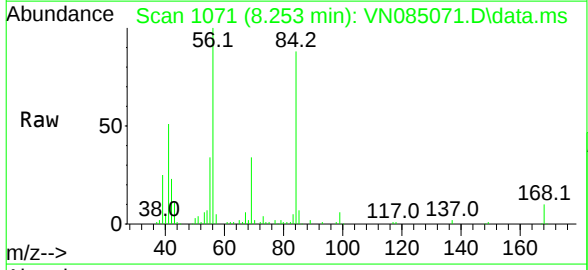
Tgt Ion: 83 Resp: 197910
Ion Ratio Lower Upper
83 100
85 61.8 52.6 78.8





#31
Cyclohexane
Concen: 39.617 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

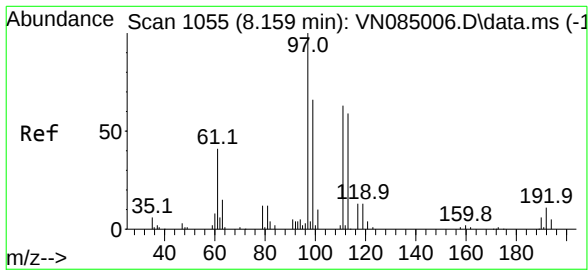
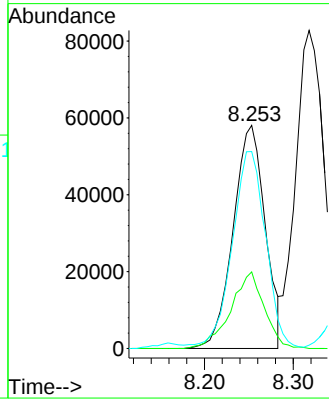
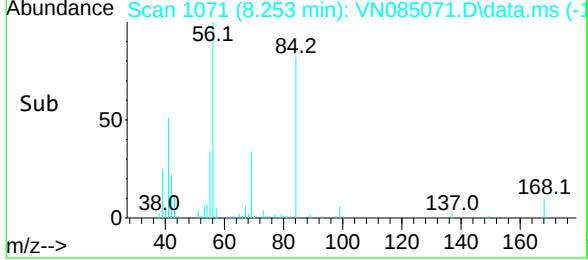
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	56	Resp:	145365
Ion	Ratio	Lower	Upper
56	100		
69	34.3	24.6	36.8
84	86.6	71.4	107.2

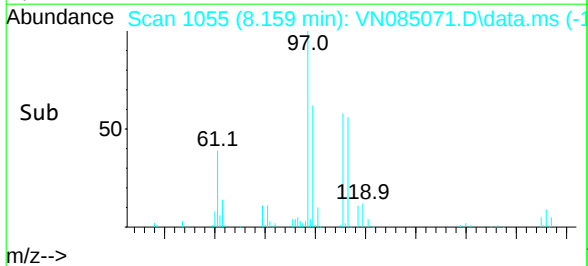
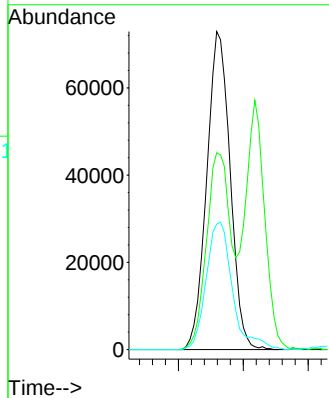
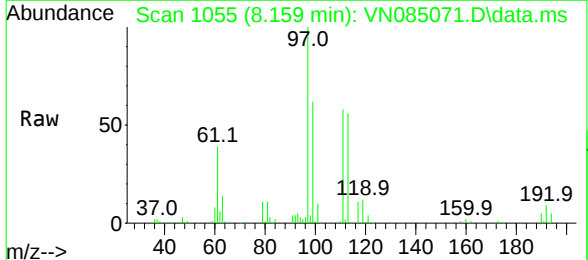
Manual Integrations
APPROVED

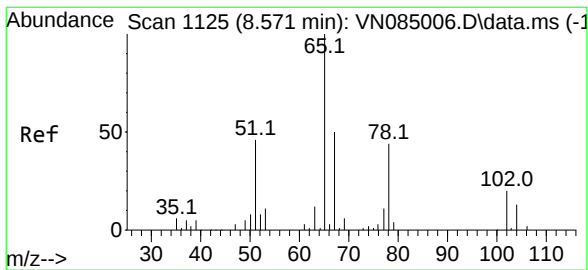
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#32
1,1,1-Trichloroethane
Concen: 45.640 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

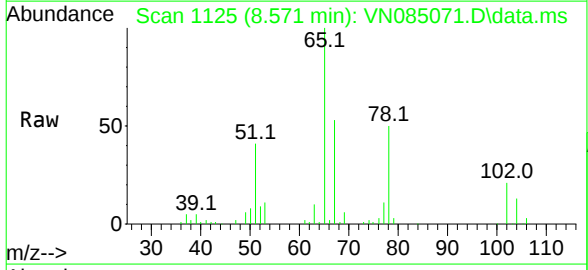
Tgt Ion:	97	Resp:	182831
Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.0	76.4
61	44.8	36.2	54.2





#33
1,2-Dichloroethane-d4
Concen: 43.127 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

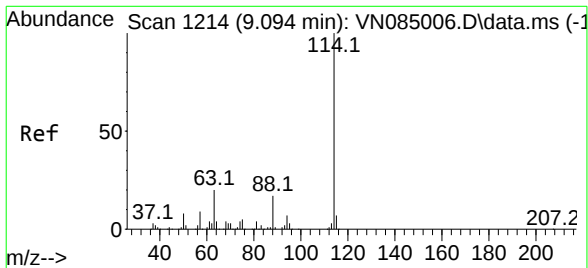
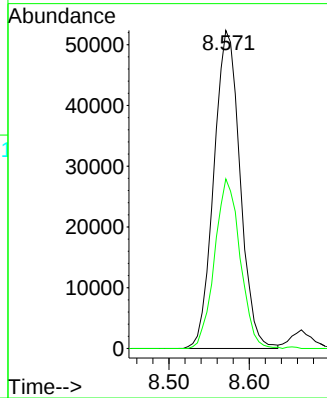
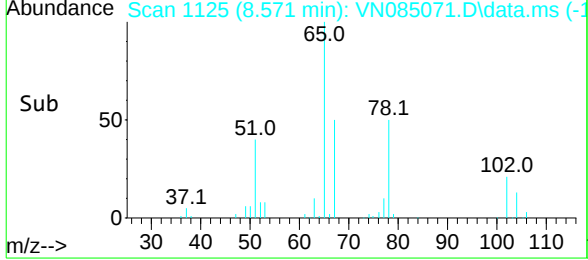
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 65 Resp: 118795
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.0

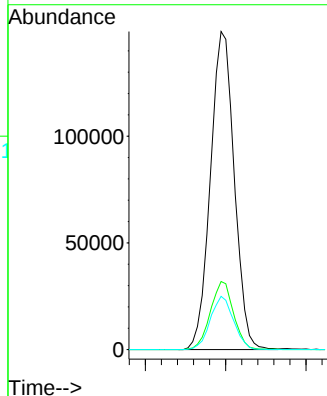
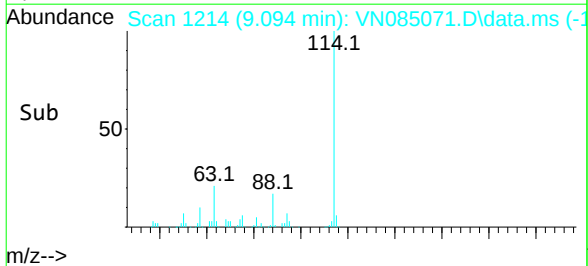
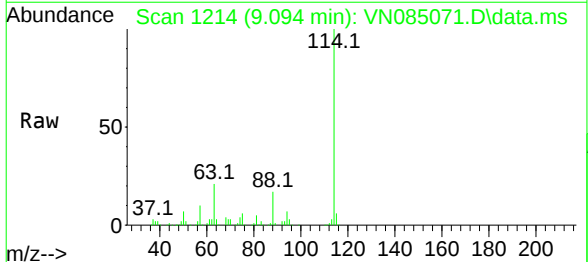
Manual Integrations
APPROVED

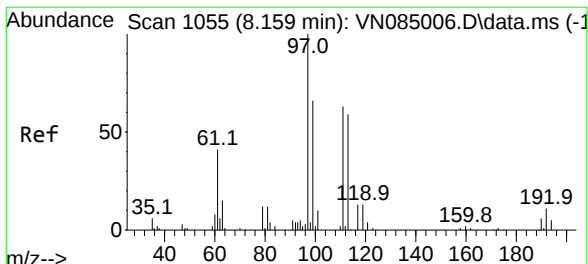
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

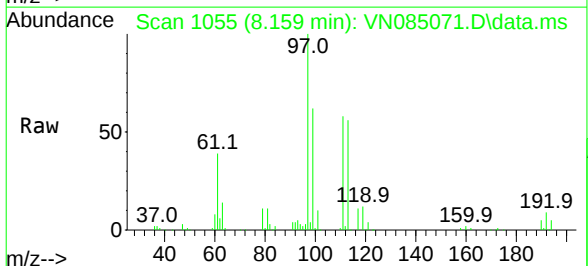
Tgt Ion:114 Resp: 307434
Ion Ratio Lower Upper
114 100
63 21.4 0.0 41.0
88 16.7 0.0 34.8





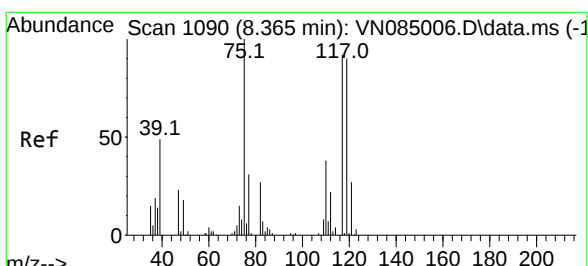
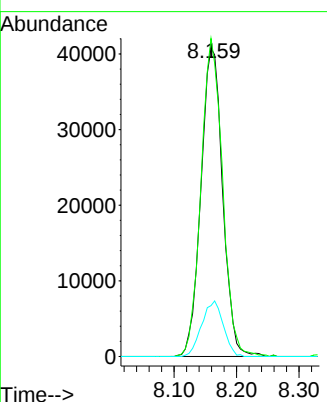
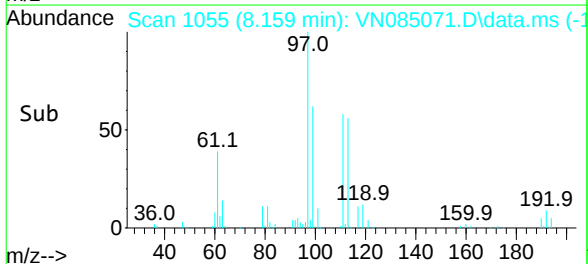
#35
 Dibromofluoromethane
 Concen: 47.492 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VN085071.D
 Acq: 02 Dec 2024 16:47

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC

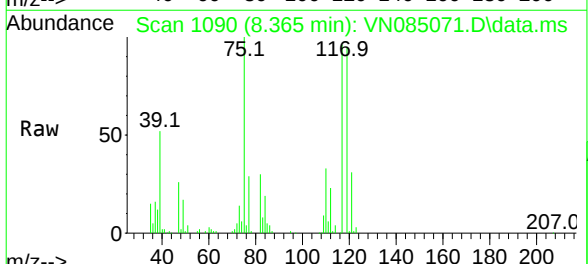


Tgt Ion:	113	Resp:	98461
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.0	123.0
192	17.9	14.8	22.2

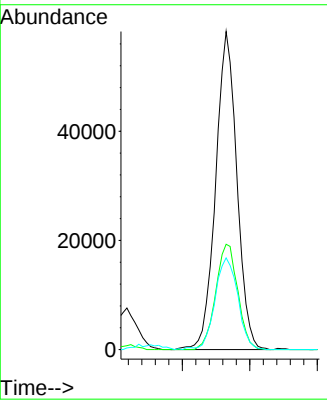
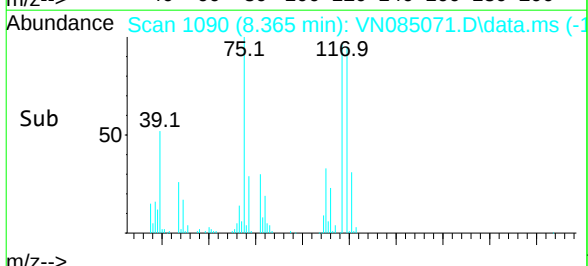
Manual Integrations
APPROVED
 Reviewed By :John Carlone 12/03/2024
 Supervised By :Mahesh Dadoda 12/03/2024

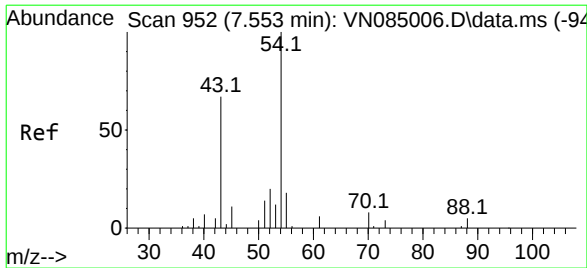


#36
 1,1-Dichloropropene
 Concen: 45.308 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. -0.000 min
 Lab File: VN085071.D
 Acq: 02 Dec 2024 16:47



Tgt Ion:	75	Resp:	127233
Ion	Ratio	Lower	Upper
75	100		
110	34.4	17.2	51.6
77	31.1	24.2	36.4





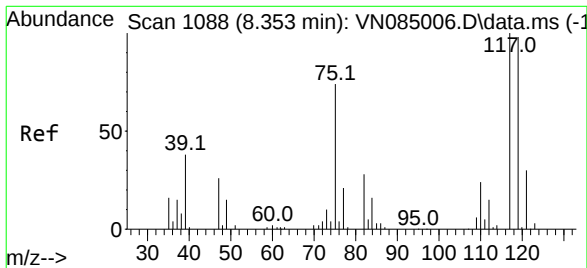
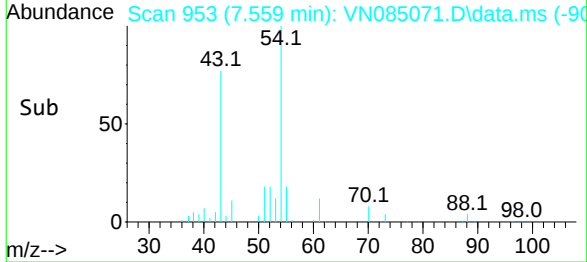
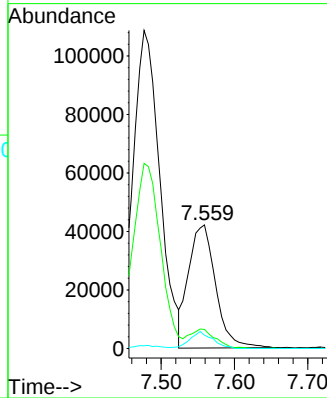
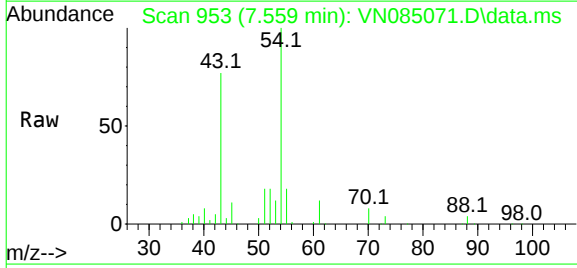
#37
Ethyl Acetate
Concen: 42.296 ug/l
RT: 7.559 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 107980
Ion Ratio Lower Upper
43 100
61 15.0 11.7 17.5
70 11.5 9.3 13.9

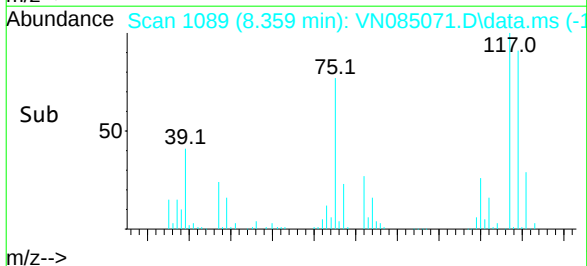
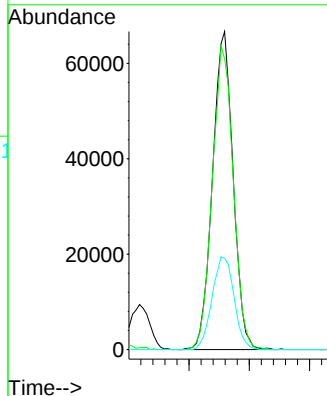
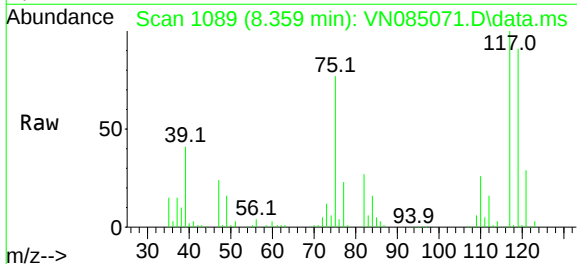
Manual Integrations
APPROVED

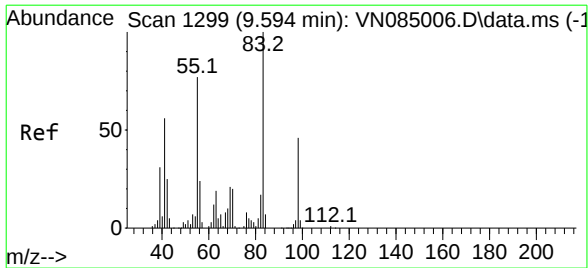
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#38
Carbon Tetrachloride
Concen: 48.805 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Tgt Ion:117 Resp: 158199
Ion Ratio Lower Upper
117 100
119 91.4 78.6 117.8
121 28.7 24.2 36.2





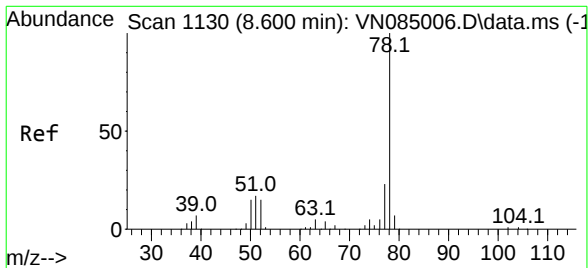
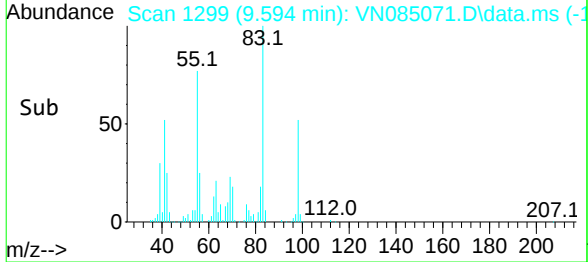
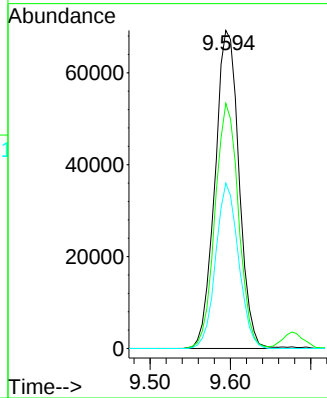
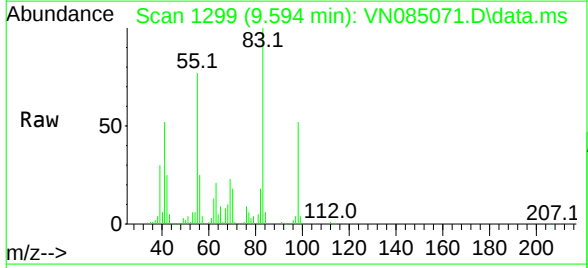
#39
Methylcyclohexane
Concen: 49.314 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 143904
Ion Ratio Lower Upper
83 100
55 77.1 61.8 92.6
98 52.0 37.0 55.6

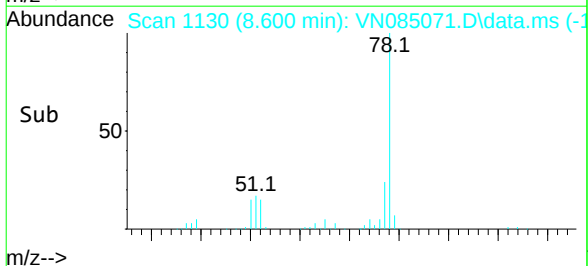
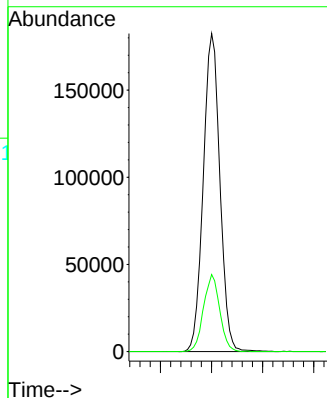
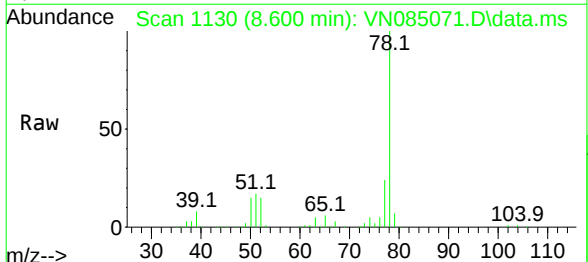
Manual Integrations
APPROVED

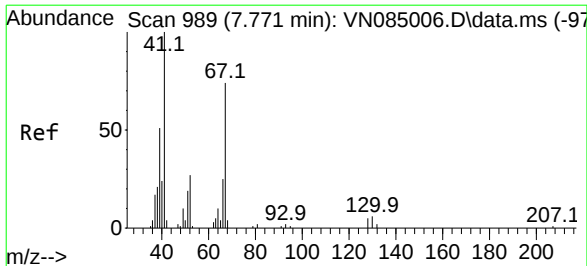
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#40
Benzene
Concen: 46.400 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

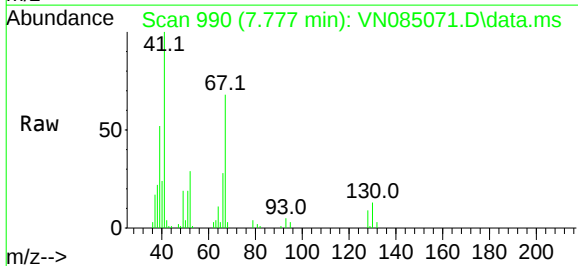
Tgt Ion: 78 Resp: 412112
Ion Ratio Lower Upper
78 100
77 24.2 18.5 27.7





#41
Methacrylonitrile
Concen: 48.350 ug/l
RT: 7.777 min Scan# 99
Delta R.T. 0.006 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

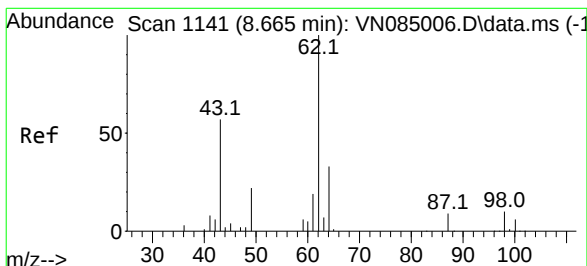
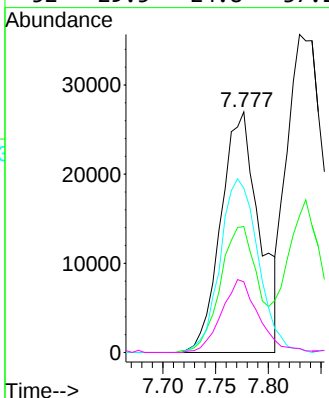
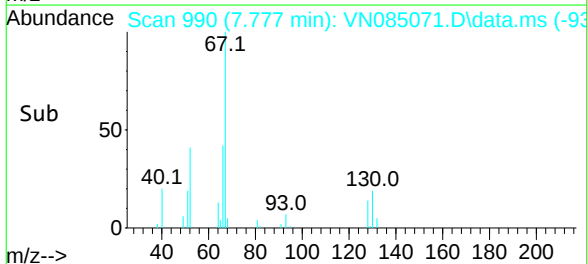
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 68342
Ion Ratio Lower Upper
41 100
39 51.0 42.6 63.8
67 71.9 59.9 89.9
52 29.5 24.8 37.2

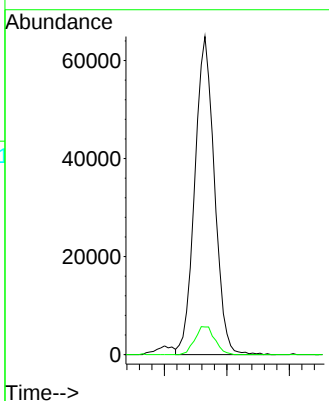
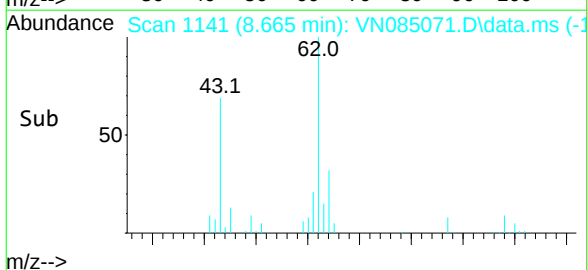
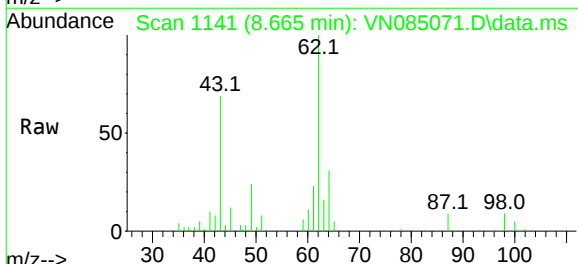
Manual Integrations
APPROVED

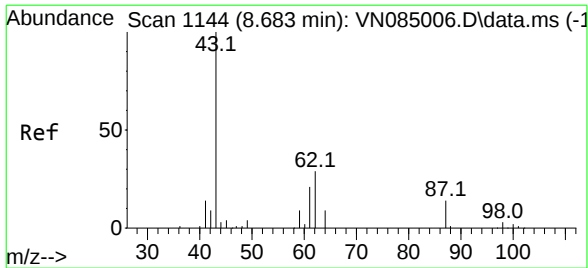
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#42
1,2-Dichloroethane
Concen: 46.705 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Tgt Ion: 62 Resp: 141914
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.2





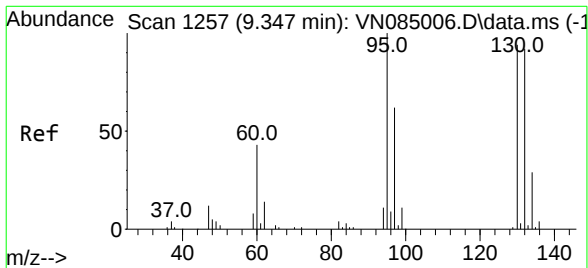
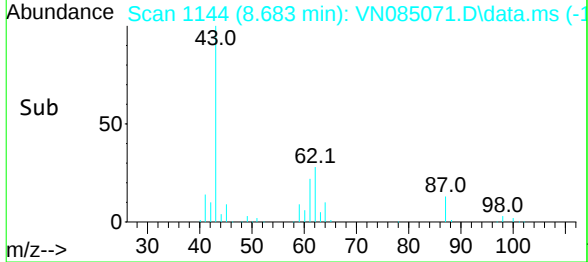
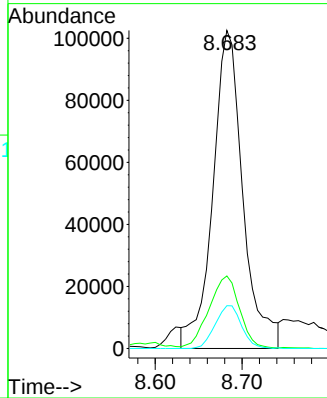
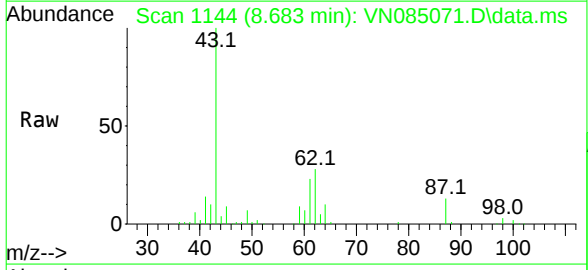
#43
Isopropyl Acetate
Concen: 46.450 ug/l m
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 246319
Ion Ratio Lower Upper
43 100
61 22.9 20.6 30.8
87 11.8 11.0 16.4

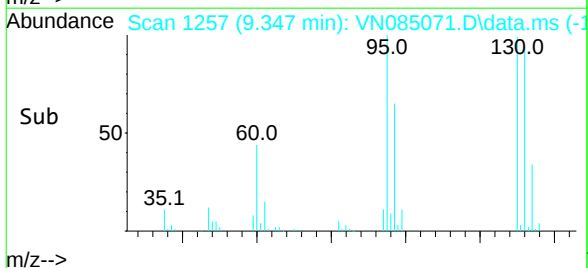
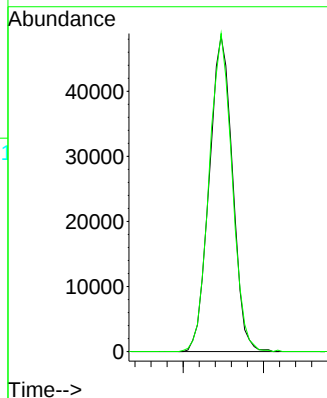
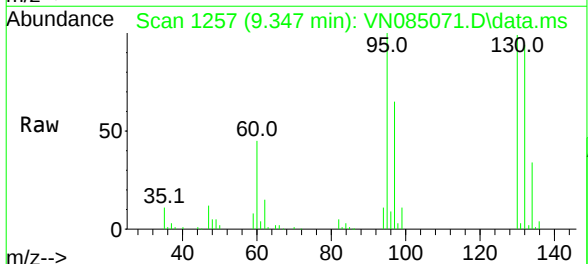
Manual Integrations
APPROVED

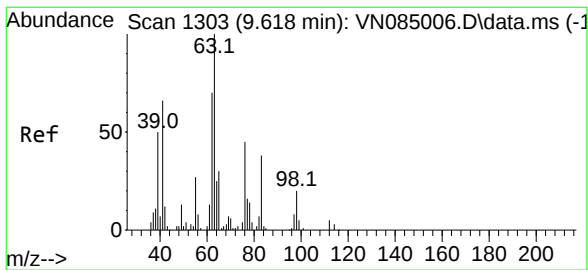
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#44
Trichloroethene
Concen: 47.280 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Tgt Ion:130 Resp: 97590
Ion Ratio Lower Upper
130 100
95 100.9 0.0 213.4





#45

1,2-Dichloropropane

Concen: 47.585 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085071.D

Acq: 02 Dec 2024 16:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 104097

Ion Ratio Lower Upper

63 100

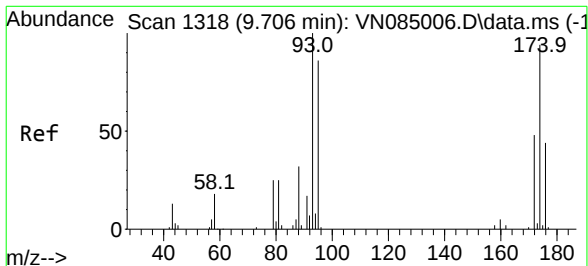
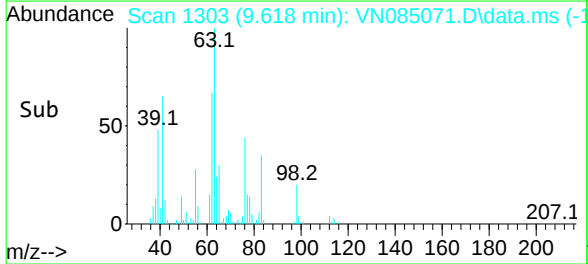
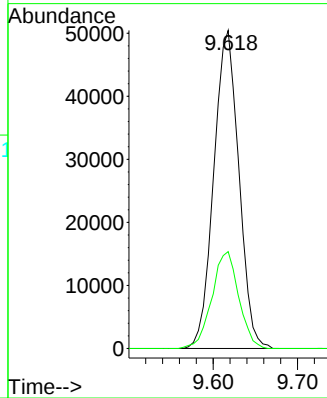
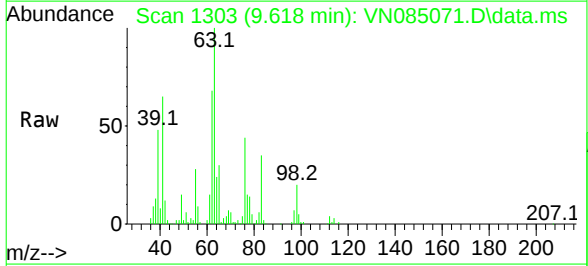
65 30.5 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#46

Dibromomethane

Concen: 45.821 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085071.D

Acq: 02 Dec 2024 16:47

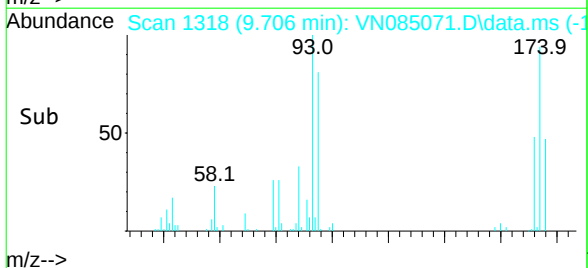
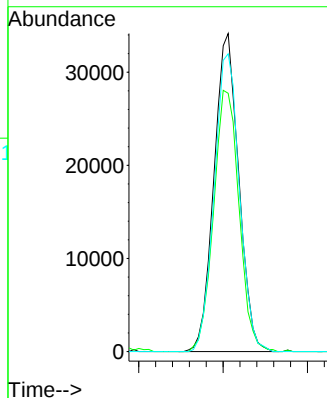
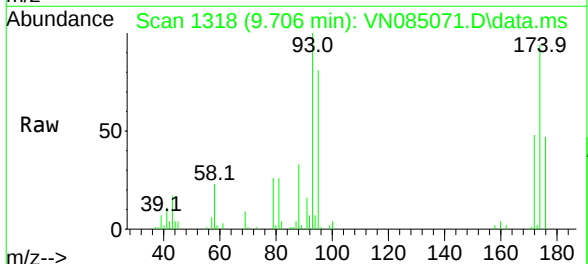
Tgt Ion: 93 Resp: 69651

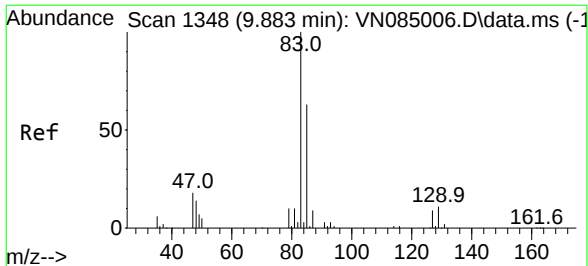
Ion Ratio Lower Upper

93 100

95 84.4 66.2 99.4

174 95.2 74.9 112.3





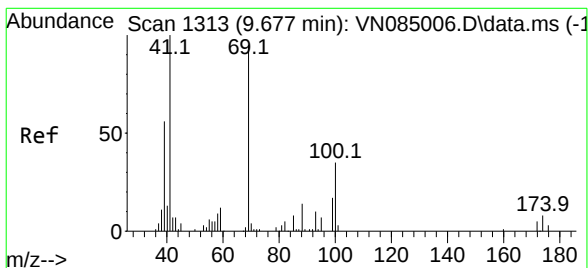
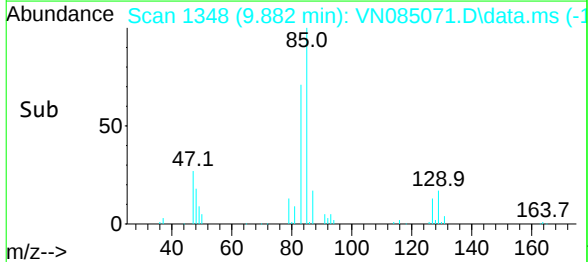
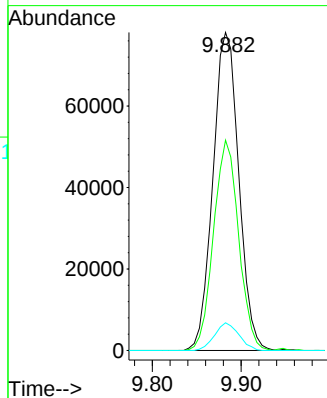
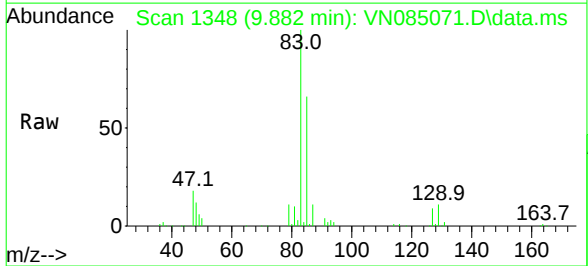
#47
Bromodichloromethane
Concen: 49.003 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 157872
Ion Ratio Lower Upper
83 100
85 66.1 50.5 75.7
127 8.7 7.1 10.7

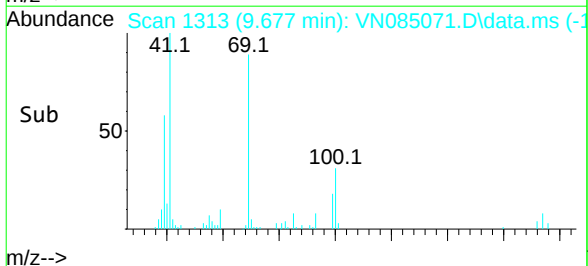
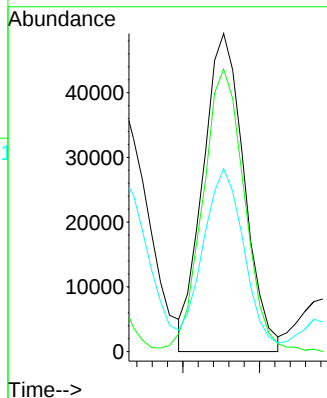
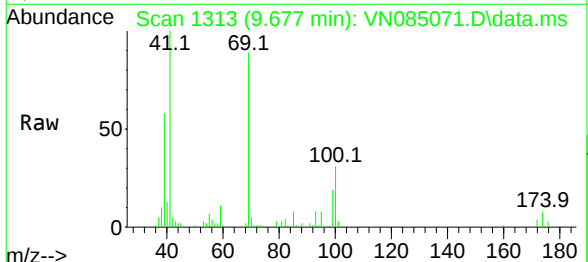
Manual Integrations
APPROVED

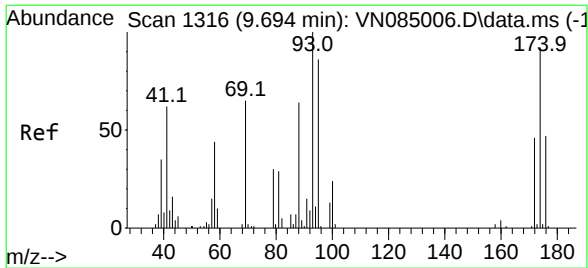
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#48
Methyl methacrylate
Concen: 46.379 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

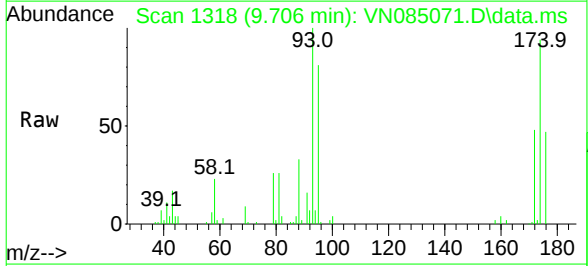
Tgt Ion: 41 Resp: 91520
Ion Ratio Lower Upper
41 100
69 90.1 73.2 109.8
39 57.8 46.2 69.4





#49
1,4-Dioxane
Concen: 736.595 ug/l
RT: 9.706 min Scan# 1316
Delta R.T. 0.012 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

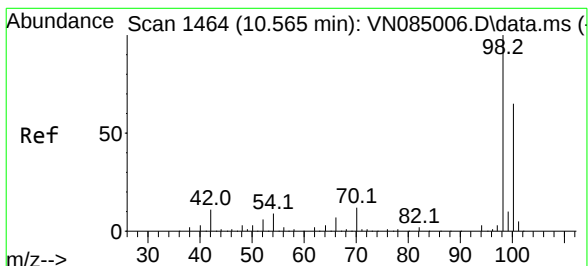
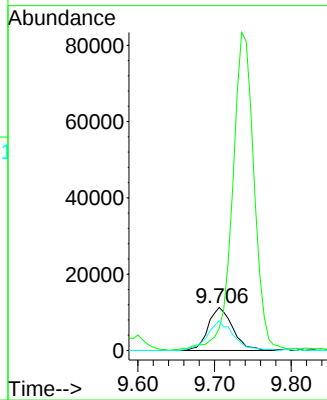
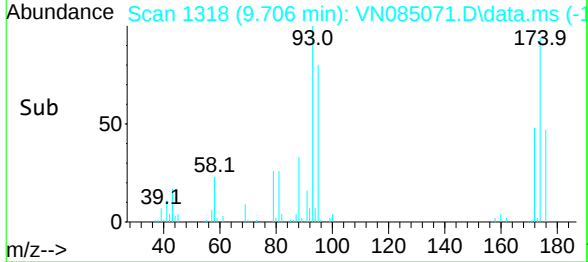
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 25207
Ion Ratio Lower Upper
88 100
43 0.0 16.7 25.1#
58 73.3 56.5 84.7

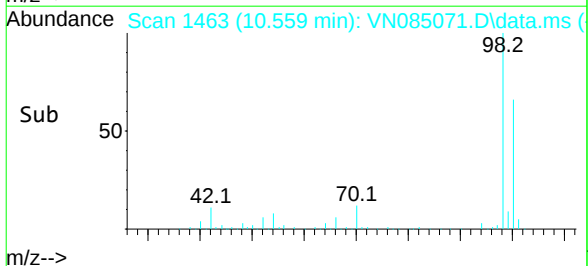
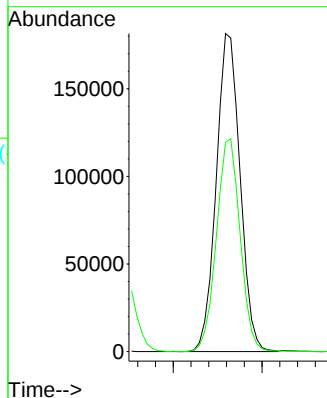
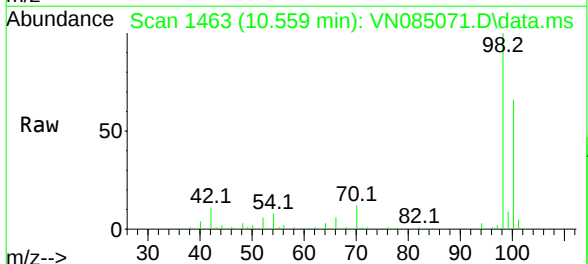
Manual Integrations
APPROVED

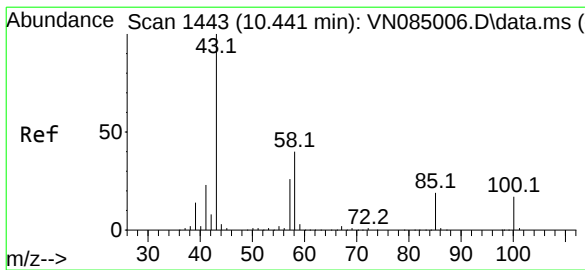
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#50
Toluene-d8
Concen: 45.567 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.006 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Tgt Ion: 98 Resp: 338559
Ion Ratio Lower Upper
98 100
100 66.6 52.5 78.7





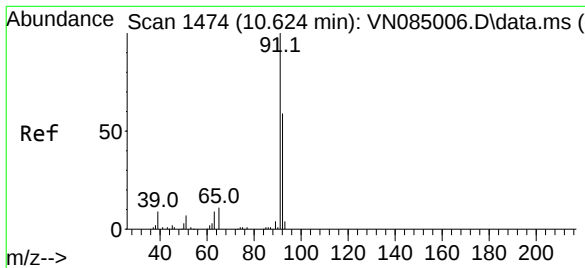
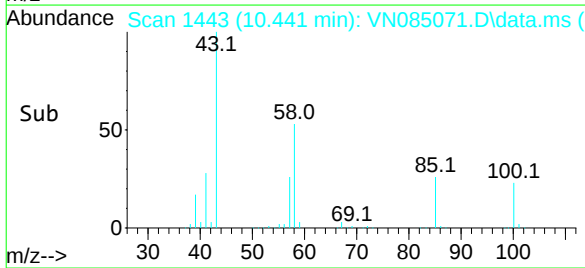
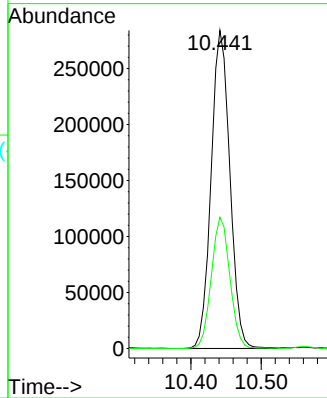
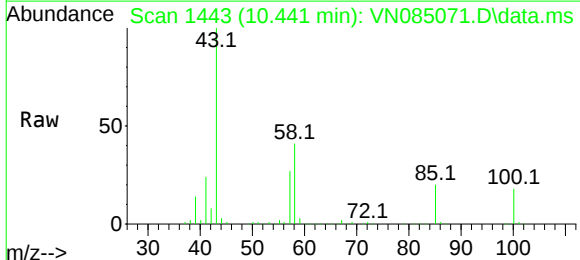
#51
4-Methyl-2-Pentanone
Concen: 217.560 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 526954
Ion Ratio Lower Upper
43 100
58 40.8 32.1 48.1

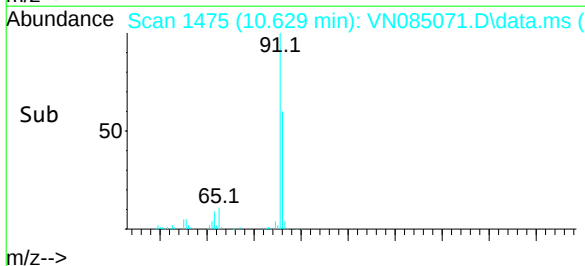
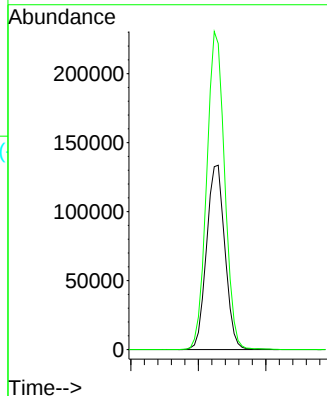
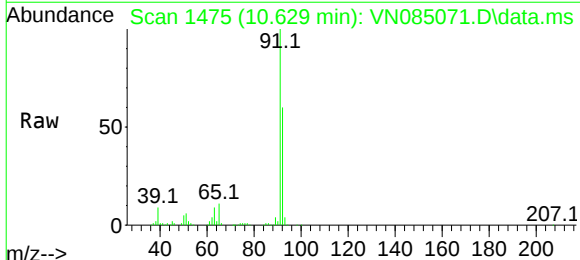
Manual Integrations
APPROVED

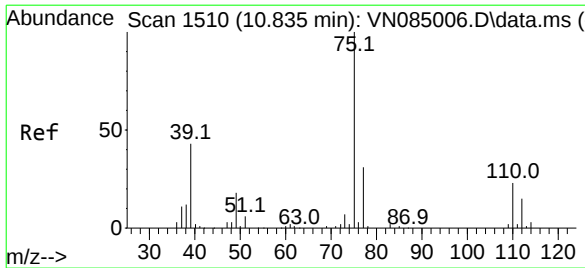
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#52
Toluene
Concen: 48.085 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

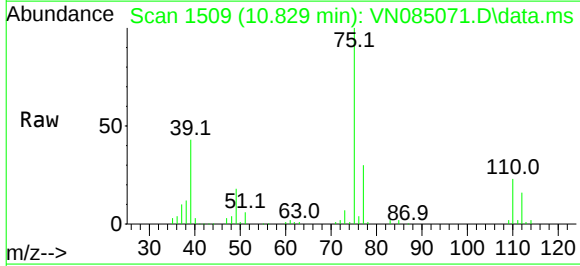
Tgt Ion: 92 Resp: 252831
Ion Ratio Lower Upper
92 100
91 168.6 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 47.744 ug/l
RT: 10.829 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

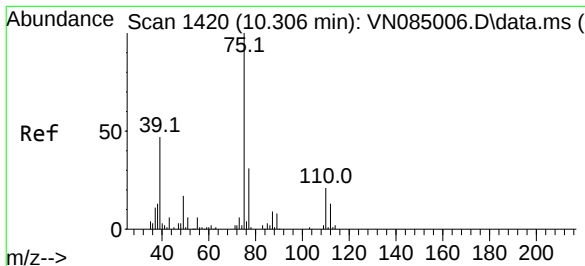
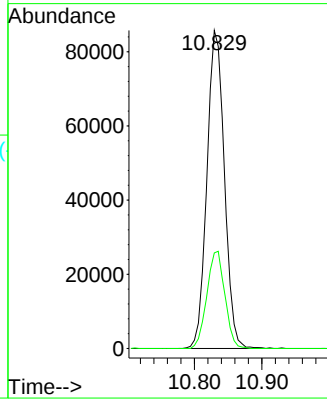
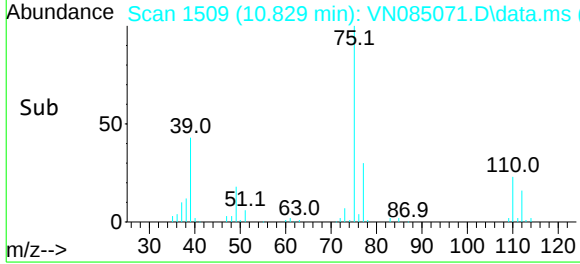
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 154210
Ion Ratio Lower Upper
75 100
77 30.1 25.0 37.4

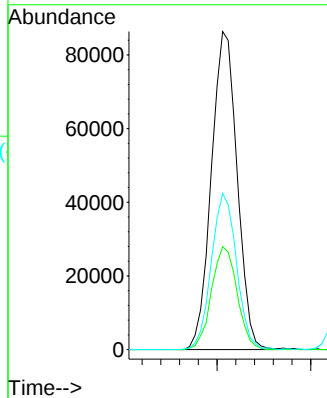
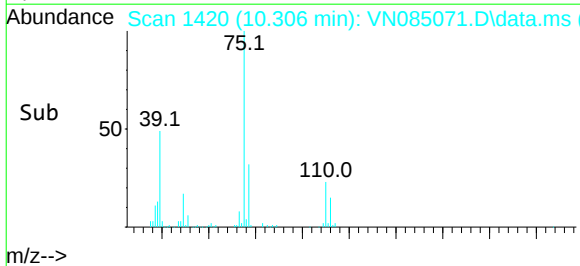
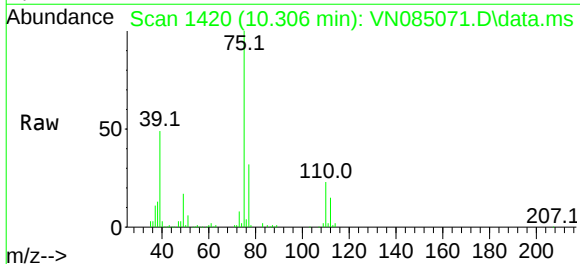
Manual Integrations
APPROVED

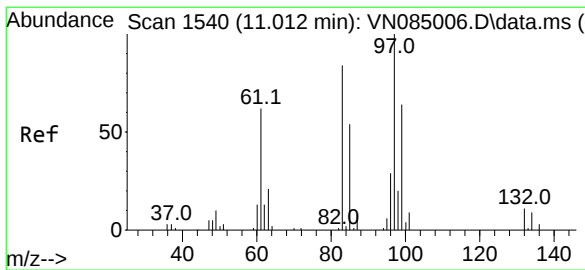
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#54
cis-1,3-Dichloropropene
Concen: 48.164 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

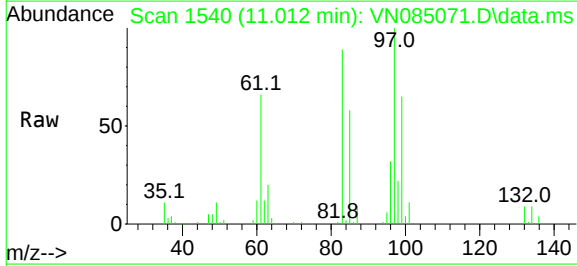
Tgt Ion: 75 Resp: 165037
Ion Ratio Lower Upper
75 100
77 32.4 25.0 37.4
39 49.1 37.6 56.4





#55
1,1,2-Trichloroethane
Concen: 48.306 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

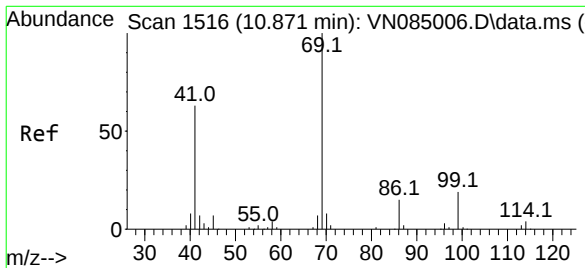
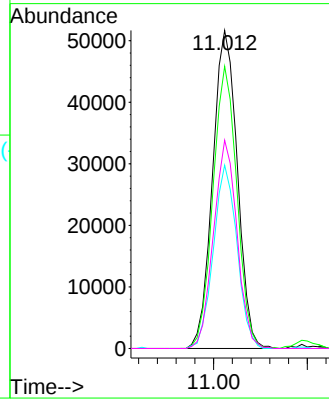
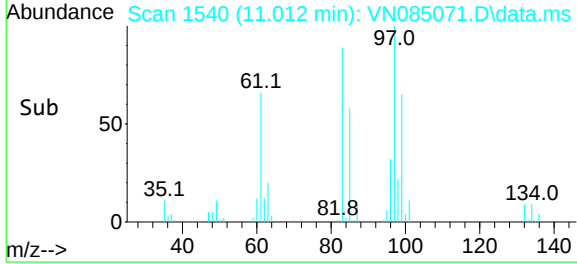
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	94606
Ion	Ratio	Lower	Upper
97	100		
83	88.7	67.4	101.2
85	57.6	43.1	64.7
99	65.5	50.9	76.3

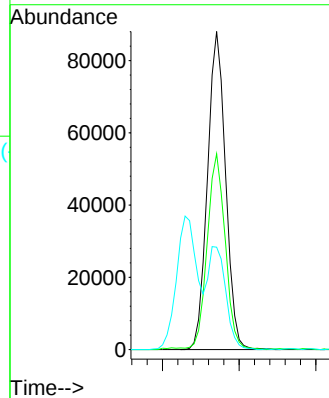
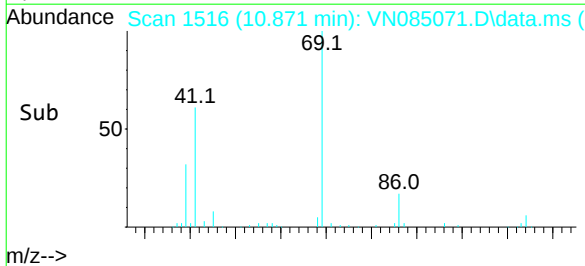
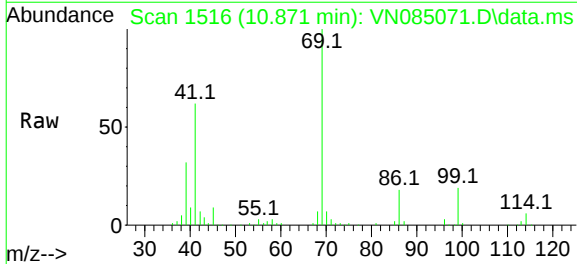
Manual Integrations
APPROVED

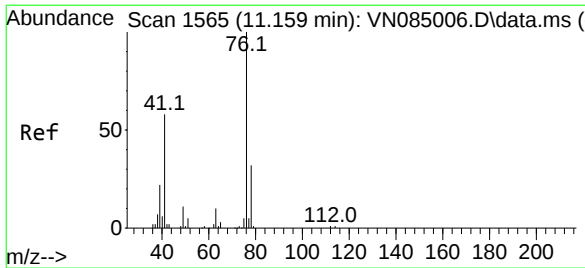
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#56
Ethyl methacrylate
Concen: 50.441 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

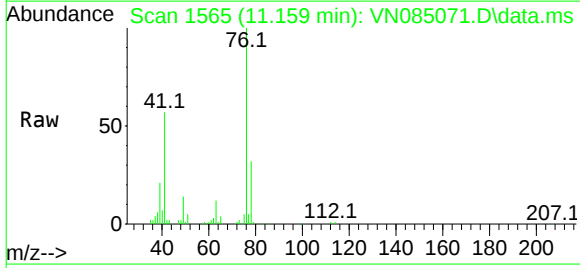
Tgt Ion:	69	Resp:	144354
Ion	Ratio	Lower	Upper
69	100		
41	61.3	50.0	75.0
39	32.1	27.0	40.6





#57
1,3-Dichloropropane
Concen: 47.479 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

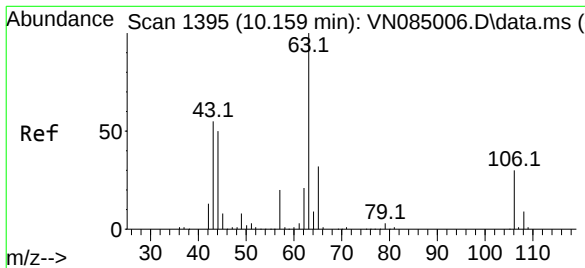
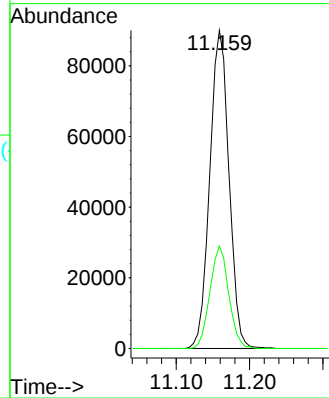
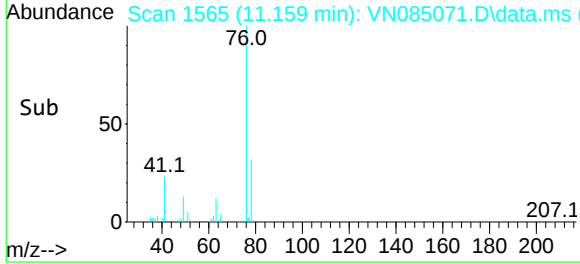
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 163657
Ion Ratio Lower Upper
76 100
78 31.5 26.1 39.1

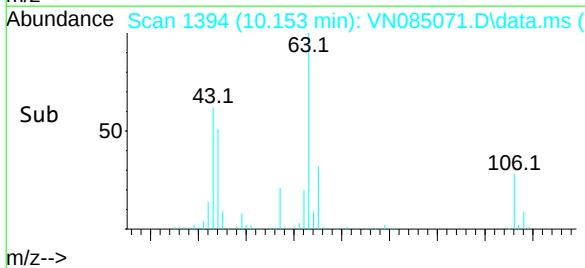
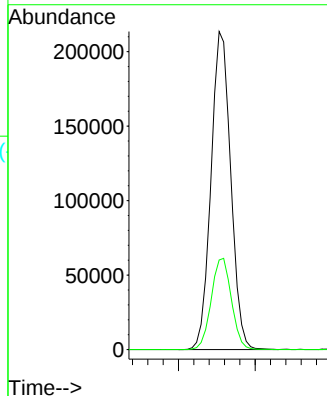
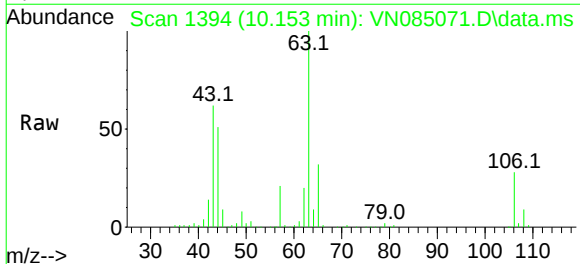
Manual Integrations
APPROVED

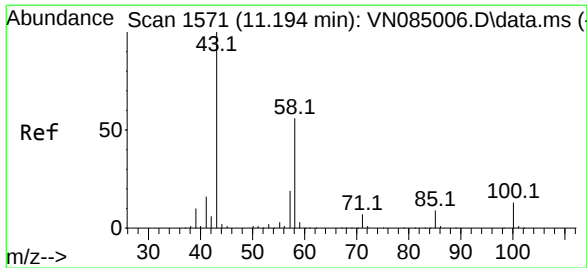
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#58
2-Chloroethyl Vinyl ether
Concen: 271.720 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Tgt Ion: 63 Resp: 381441
Ion Ratio Lower Upper
63 100
106 29.3 23.0 34.6





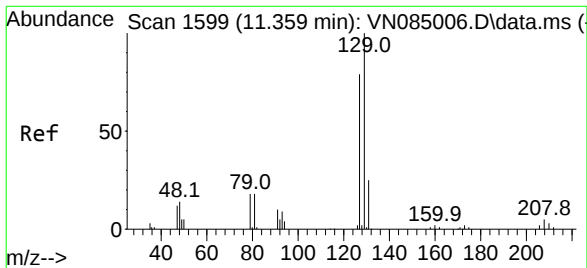
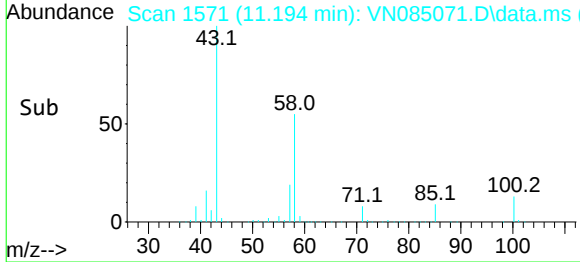
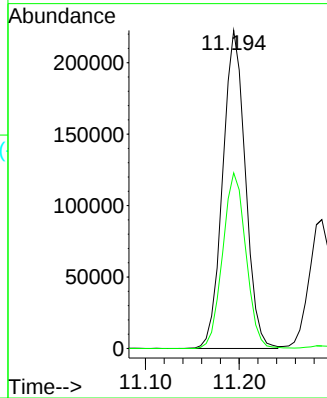
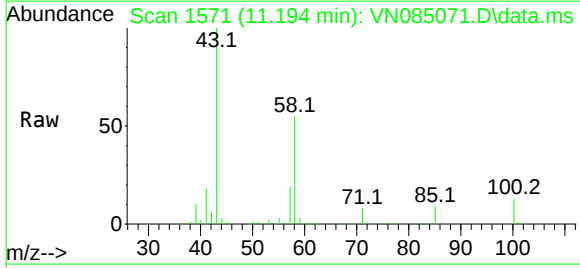
#59
2-Hexanone
Concen: 206.200 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 373534
Ion Ratio Lower Upper
43 100
58 56.6 28.3 85.0

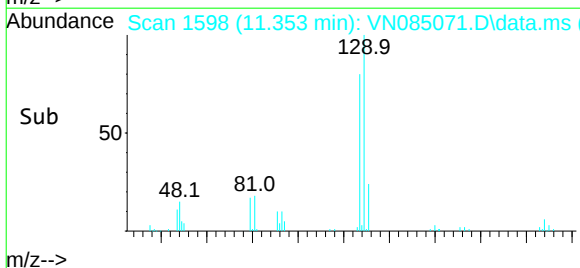
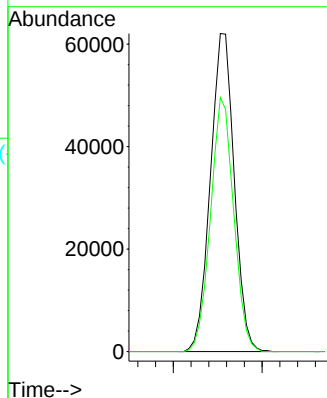
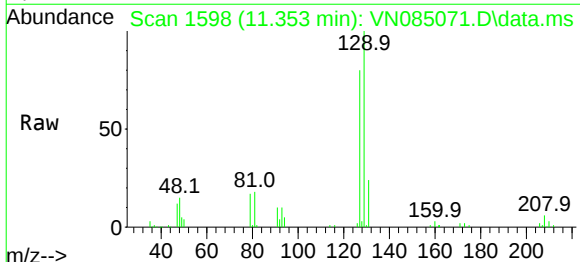
Manual Integrations
APPROVED

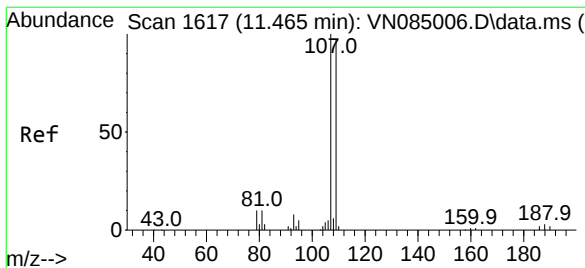
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#60
Dibromochloromethane
Concen: 48.432 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Tgt Ion:129 Resp: 115924
Ion Ratio Lower Upper
129 100
127 77.5 39.2 117.6





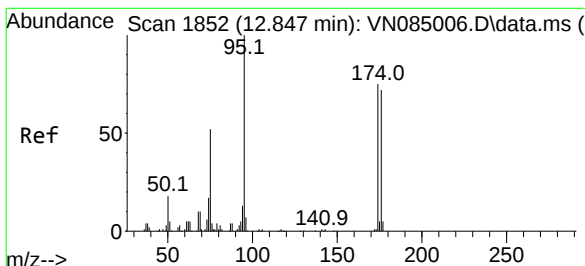
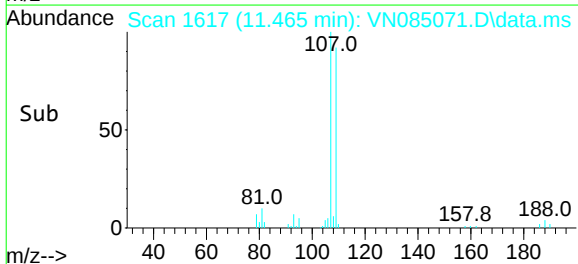
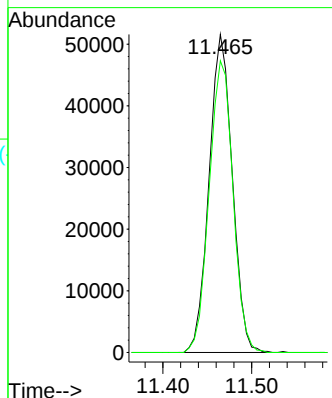
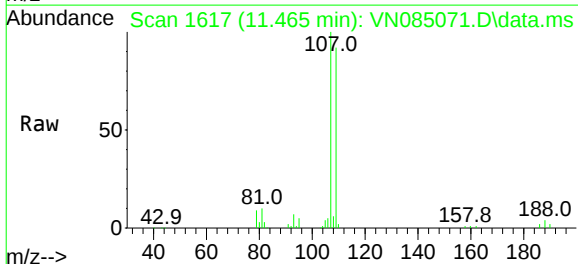
#61
1,2-Dibromoethane
Concen: 46.251 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 107 Resp: 93744
Ion Ratio Lower Upper
107 100
109 94.0 76.1 114.1

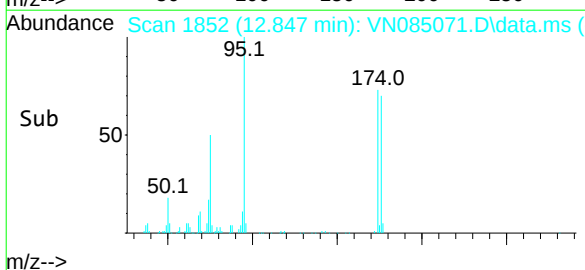
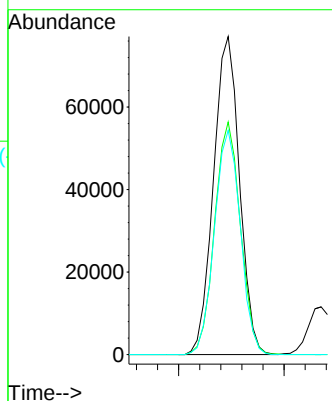
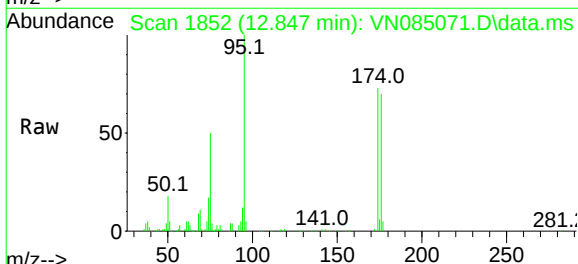
Manual Integrations
APPROVED

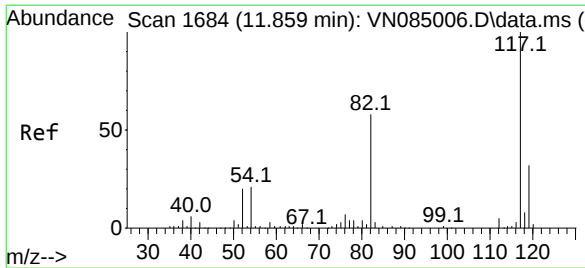
Reviewed By : John Carlone 12/03/2024
Supervised By : Mahesh Dadoda 12/03/2024



#62
4-Bromofluorobenzene
Concen: 47.589 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Tgt Ion: 95 Resp: 132228
Ion Ratio Lower Upper
95 100
174 72.5 0.0 146.6
176 69.9 0.0 141.8





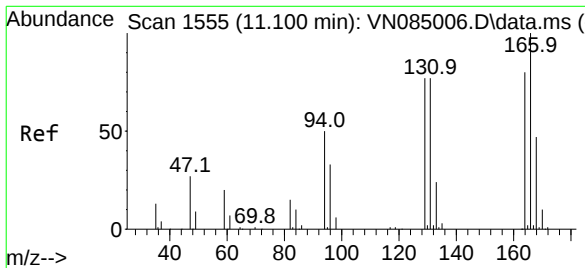
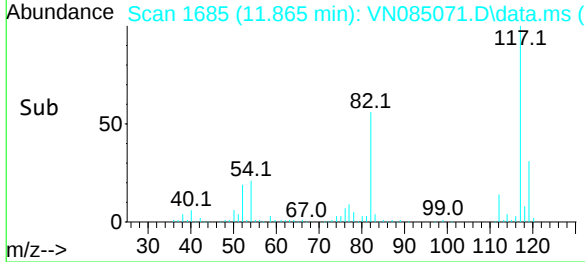
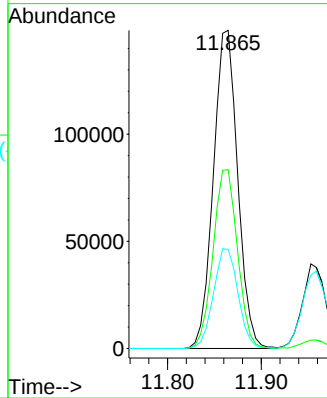
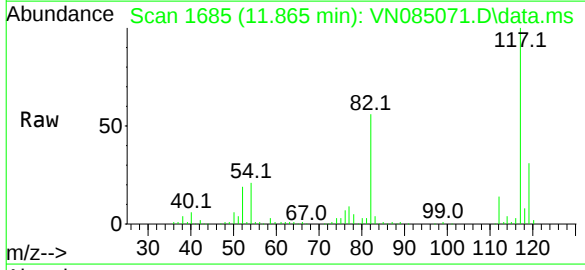
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 267541
Ion Ratio Lower Upper
117 100
82 56.2 46.0 69.0
119 31.1 25.6 38.4

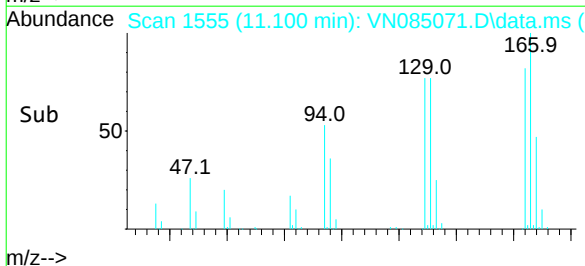
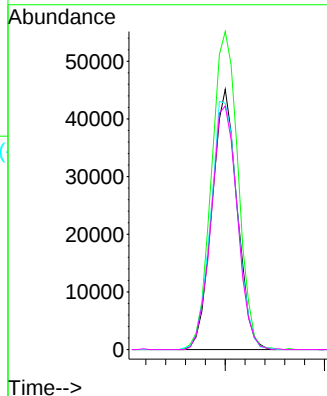
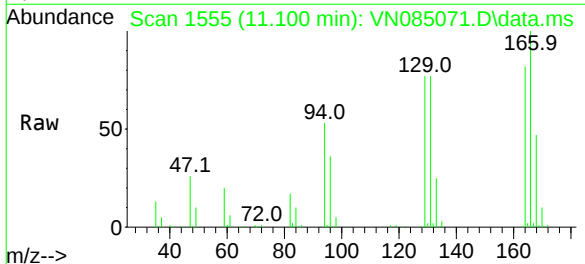
Manual Integrations
APPROVED

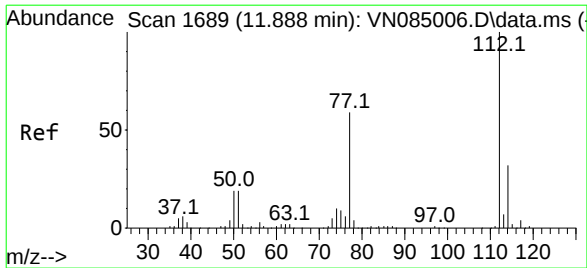
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#64
Tetrachloroethene
Concen: 44.132 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Tgt Ion:164 Resp: 79559
Ion Ratio Lower Upper
164 100
166 122.2 100.6 151.0
129 94.6 77.7 116.5
131 93.6 77.2 115.8





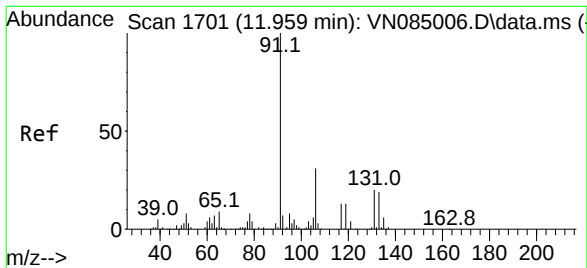
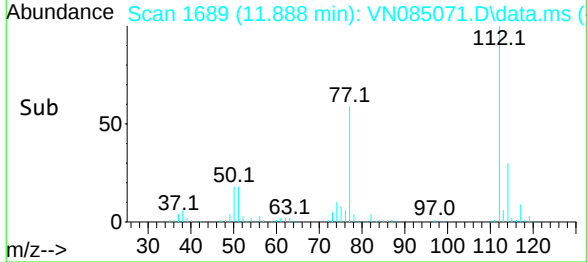
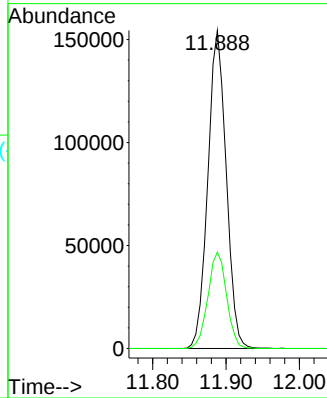
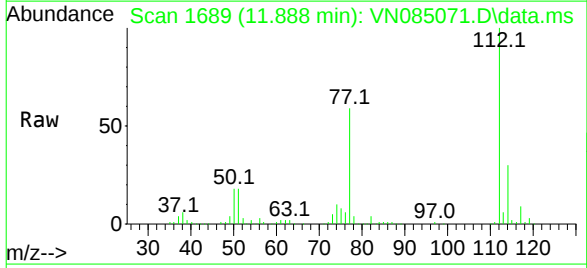
#65
Chlorobenzene
Concen: 44.234 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 268389
Ion Ratio Lower Upper
112 100
114 30.3 25.8 38.6

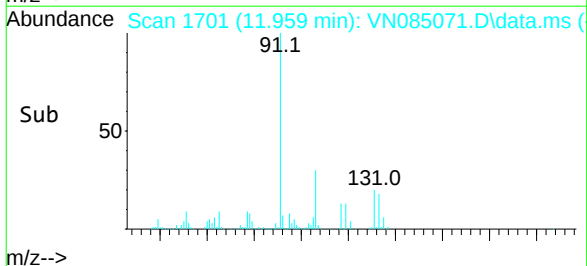
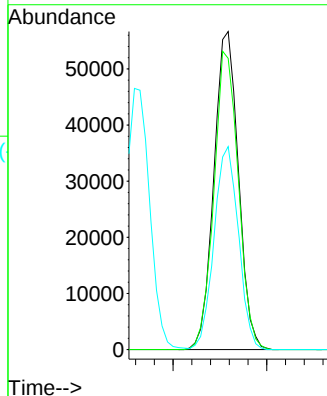
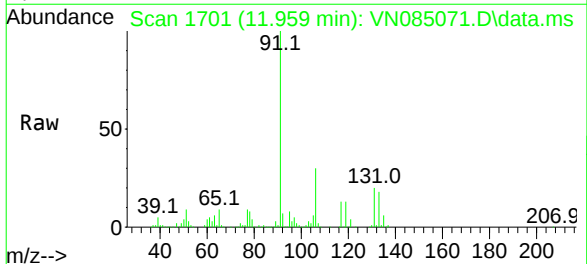
Manual Integrations
APPROVED

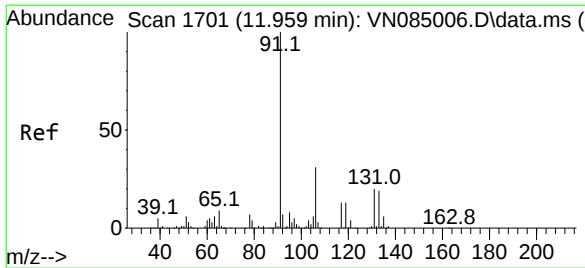
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 48.203 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Tgt Ion:131 Resp: 102976
Ion Ratio Lower Upper
131 100
133 93.6 47.8 143.4
119 63.6 32.1 96.3





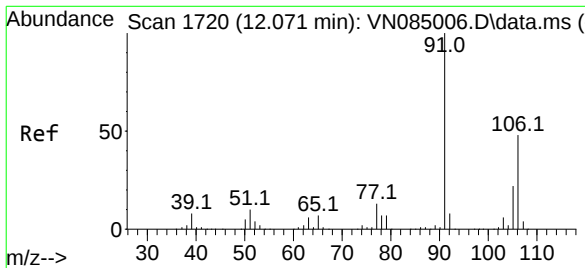
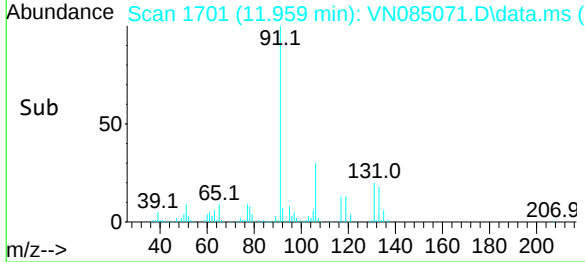
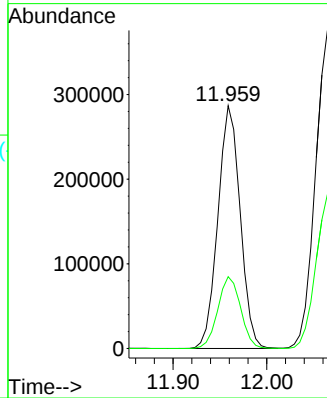
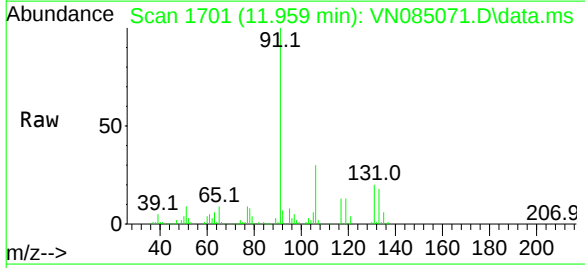
#67
Ethyl Benzene
Concen: 48.190 ug/l
RT: 11.959 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 474373
Ion Ratio Lower Upper
91 100
106 29.6 24.7 37.1

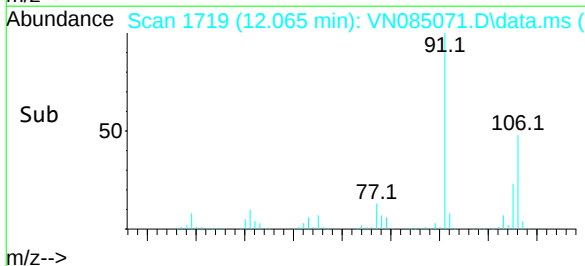
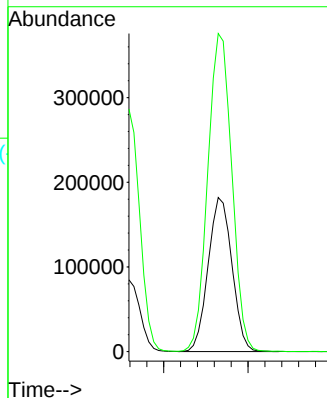
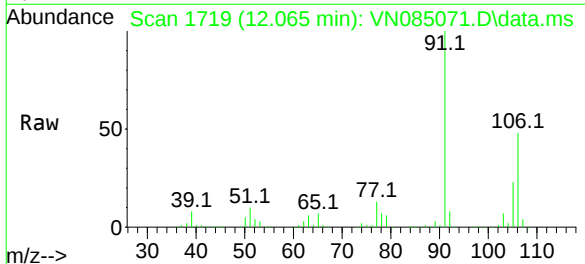
Manual Integrations
APPROVED

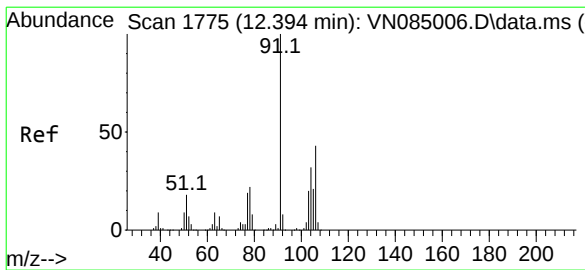
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#68
m/p-Xylenes
Concen: 95.422 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

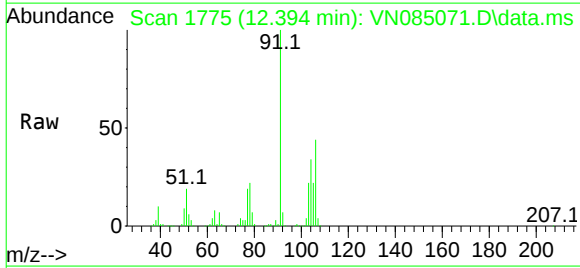
Tgt Ion:106 Resp: 357615
Ion Ratio Lower Upper
106 100
91 208.3 168.0 252.0





#69
o-Xylene
Concen: 48.521 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

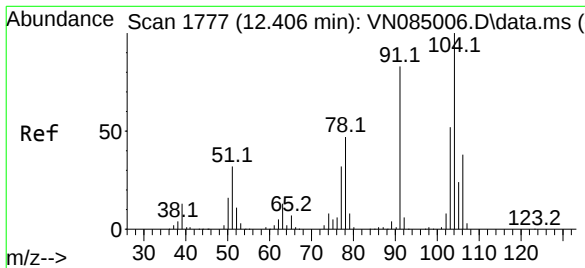
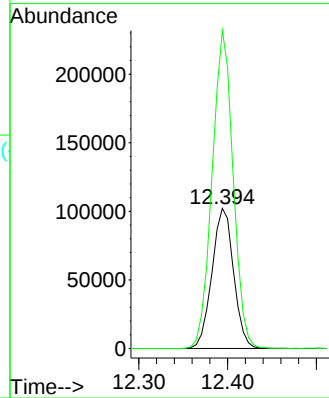
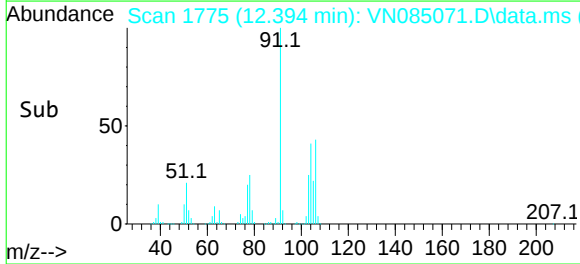
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 172977
Ion Ratio Lower Upper
106 100
91 220.2 110.7 331.9

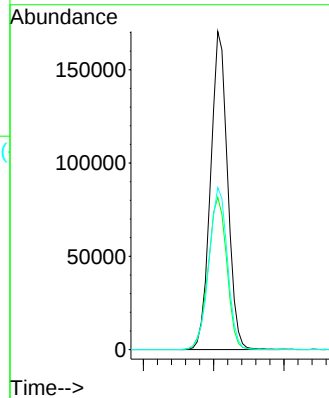
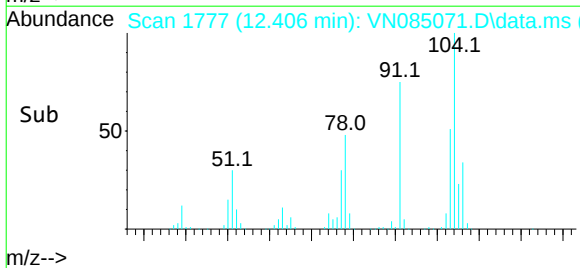
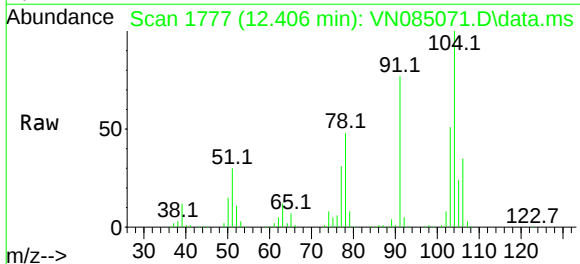
Manual Integrations
APPROVED

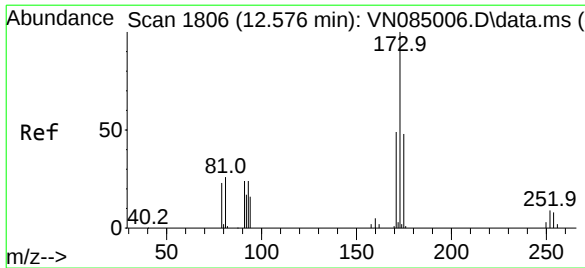
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#70
Styrene
Concen: 48.418 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Tgt Ion:104 Resp: 287047
Ion Ratio Lower Upper
104 100
78 52.2 42.3 63.5
103 54.9 44.2 66.2





#71

Bromoform

Concen: 45.077 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085071.D

Acq: 02 Dec 2024 16:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

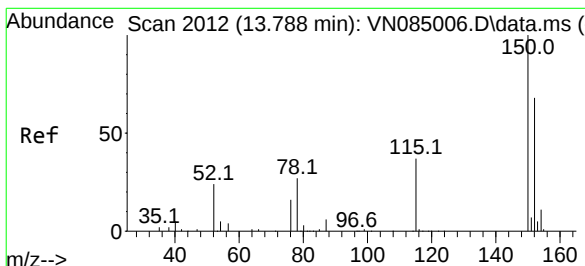
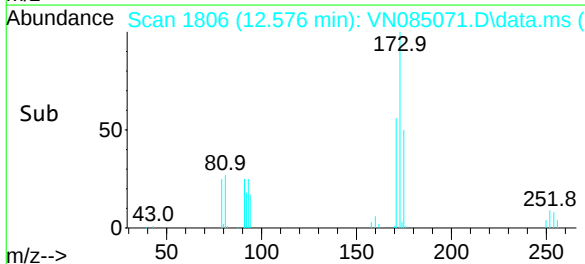
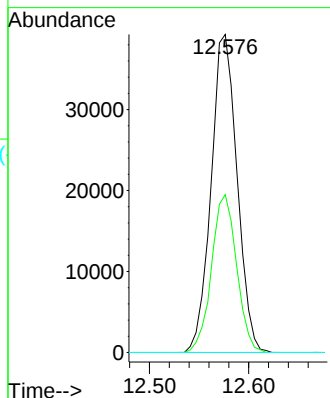
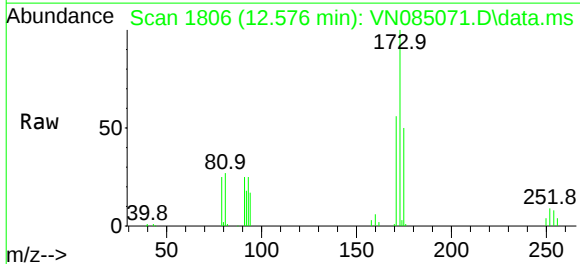
Tgt Ion:	173	Resp:	71481
Ion Ratio	Lower	Upper	
173	100		
175	47.9	23.8	71.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

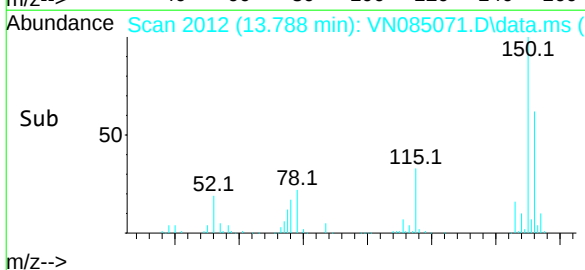
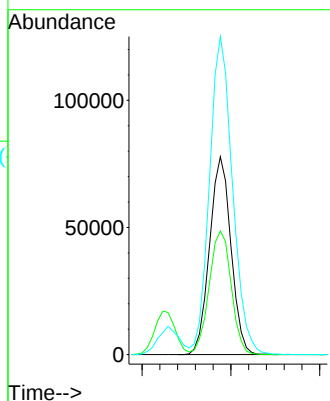
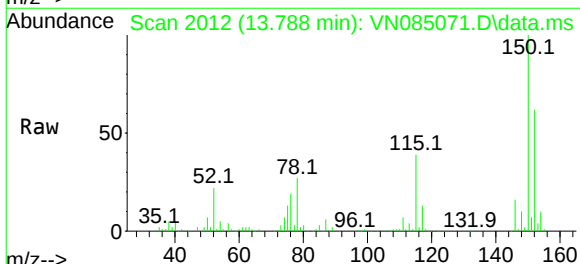
RT: 13.788 min Scan# 2012

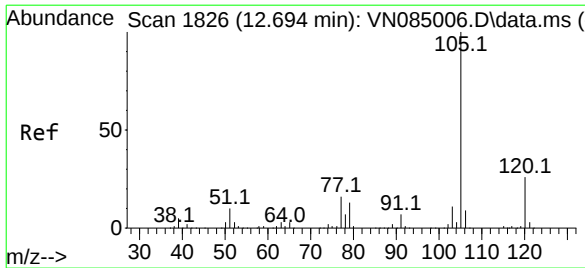
Delta R.T. -0.000 min

Lab File: VN085071.D

Acq: 02 Dec 2024 16:47

Tgt Ion:	152	Resp:	130285
Ion Ratio	Lower	Upper	
152	100		
115	64.4	31.7	95.1
150	173.1	0.0	351.4





#73

Isopropylbenzene

Concen: 49.139 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN085071.D

Acq: 02 Dec 2024 16:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 451647

Ion Ratio Lower Upper

105 100

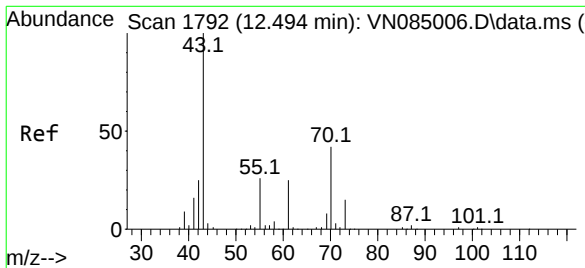
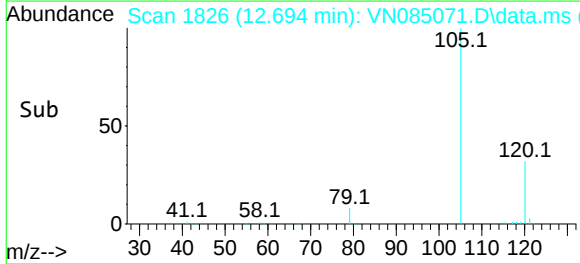
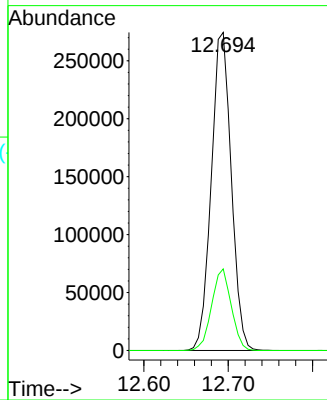
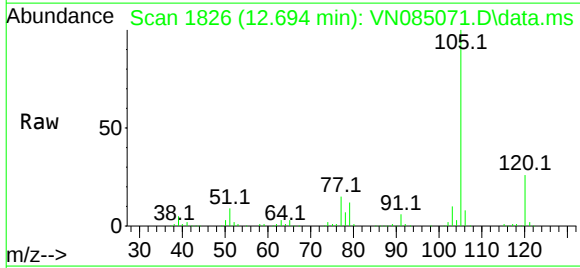
120 25.2 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#74

N-ethyl acetate

Concen: 40.413 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN085071.D

Acq: 02 Dec 2024 16:47

Tgt Ion: 43 Resp: 153060

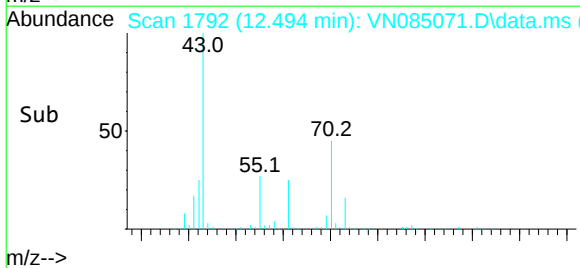
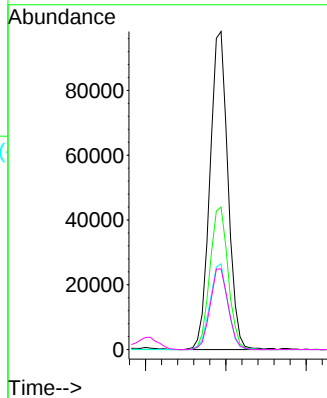
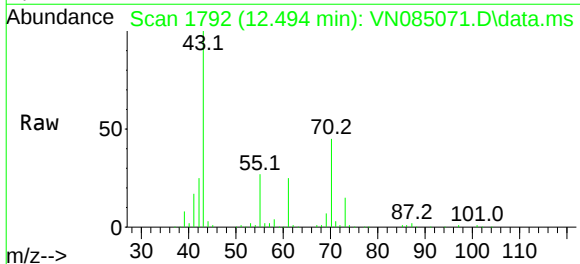
Ion Ratio Lower Upper

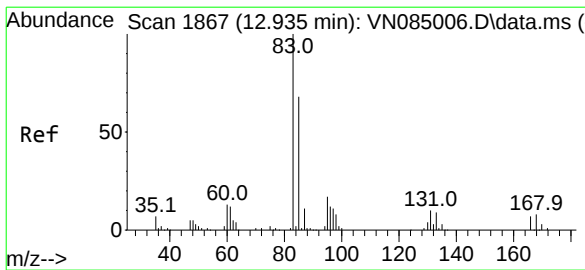
43 100

70 45.2 34.6 51.8

55 26.7 20.5 30.7

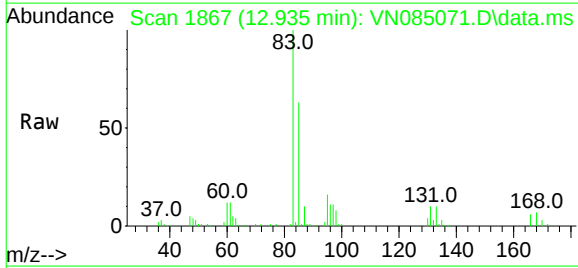
61 25.4 19.6 29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 37.710 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

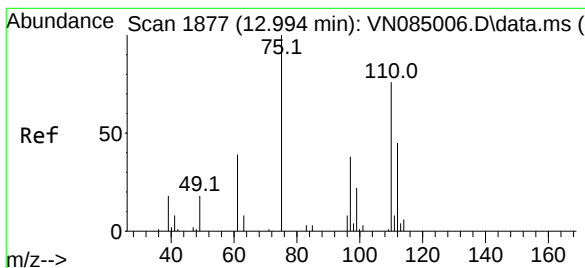
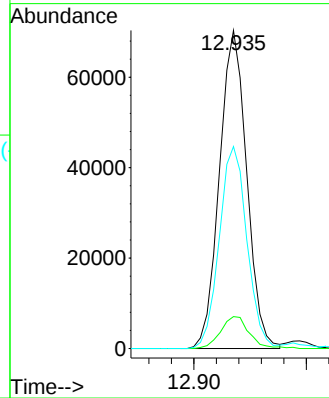
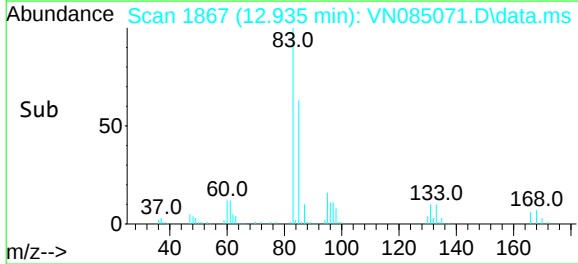
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 118354
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.4
85 64.4 32.1 96.3

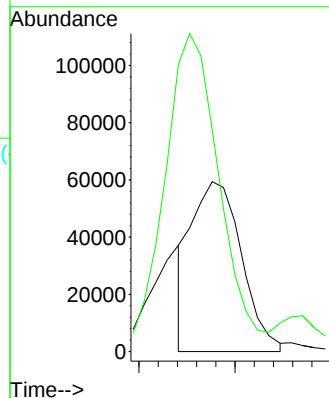
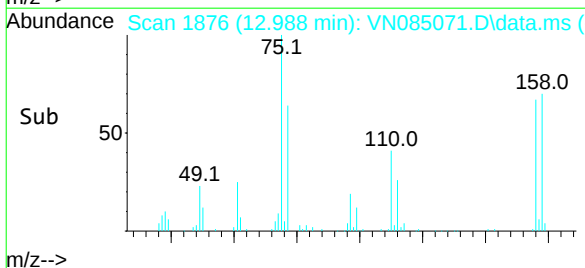
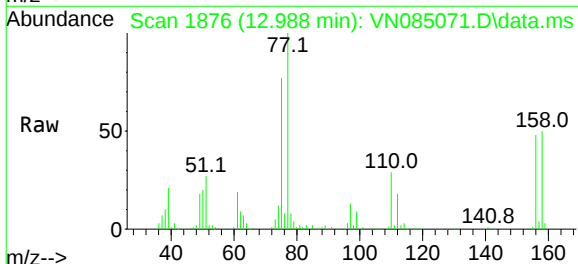
Manual Integrations
APPROVED

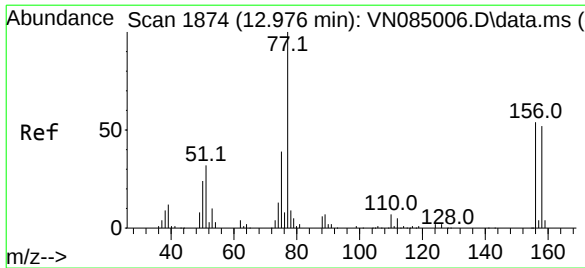
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#76
1,2,3-Trichloropropane
Concen: 45.286 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

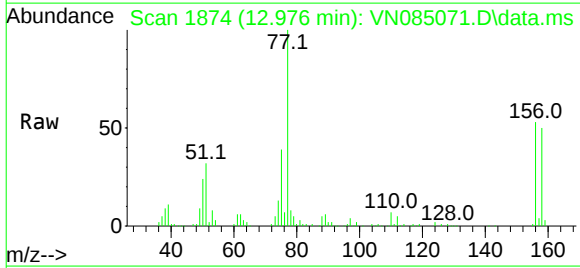
Tgt Ion: 75 Resp: 107319
Ion Ratio Lower Upper
75 100
77 206.2 109.1 327.4





#77
Bromobenzene
Concen: 41.402 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

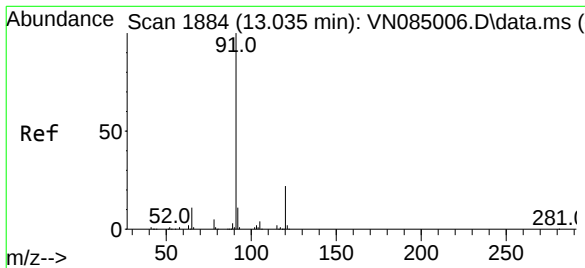
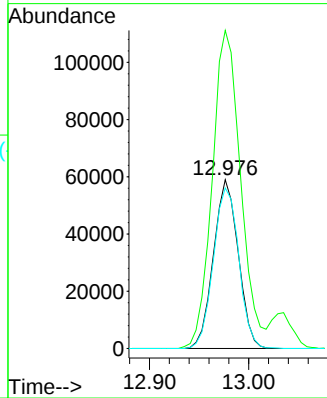
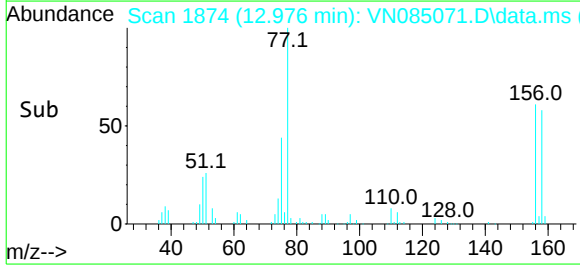
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 156 Resp: 102404
Ion Ratio Lower Upper
156 100
77 216.1 107.2 321.6
158 97.5 48.5 145.6

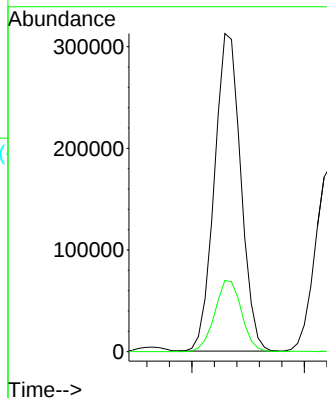
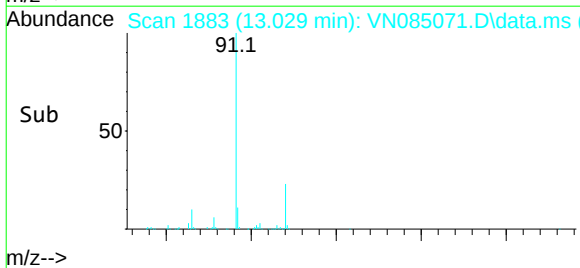
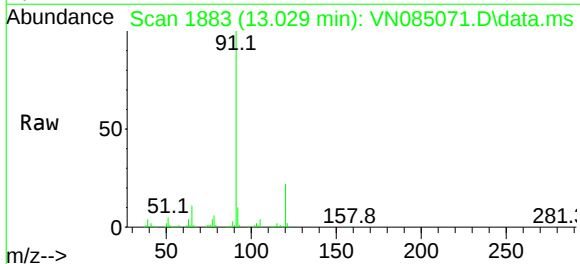
Manual Integrations
APPROVED

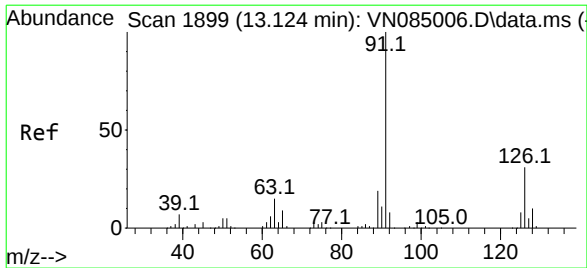
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#78
n-propylbenzene
Concen: 48.049 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Tgt Ion: 91 Resp: 509377
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.9





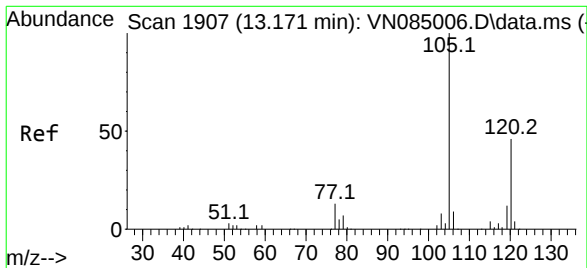
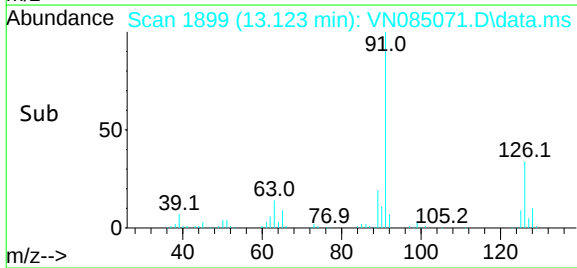
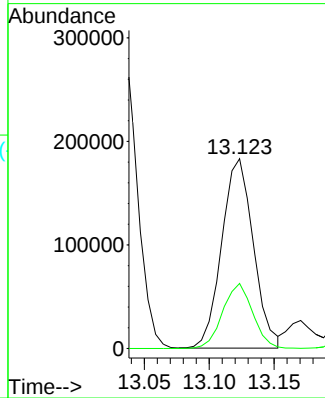
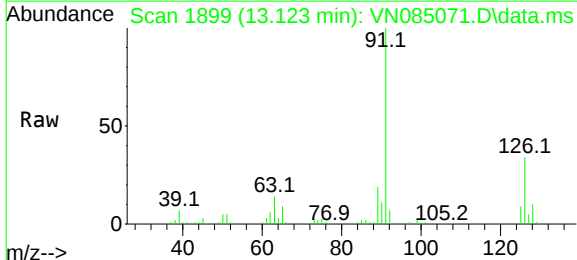
#79
2-Chlorotoluene
Concen: 43.920 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 310813
Ion Ratio Lower Upper
91 100
126 32.6 16.1 48.3

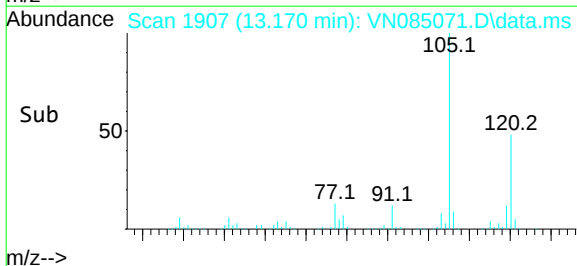
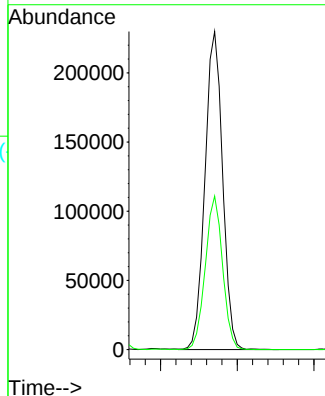
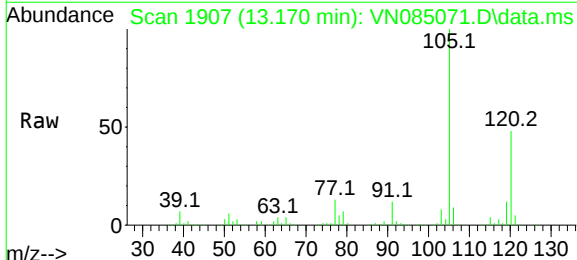
Manual Integrations
APPROVED

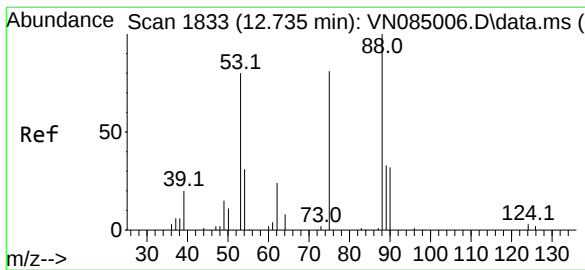
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#80
1,3,5-Trimethylbenzene
Concen: 47.541 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

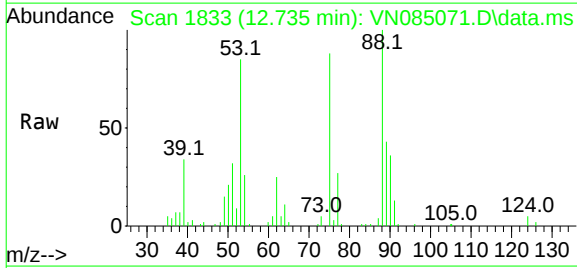
Tgt Ion:105 Resp: 366659
Ion Ratio Lower Upper
105 100
120 47.4 23.6 71.0





#81
trans-1,4-Dichloro-2-butene
Concen: 40.878 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

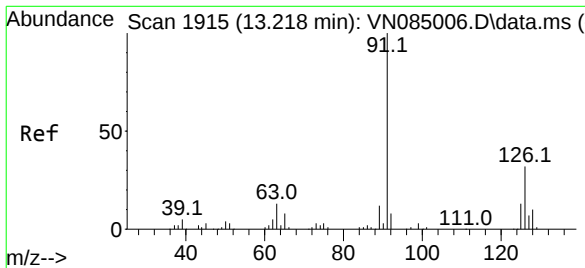
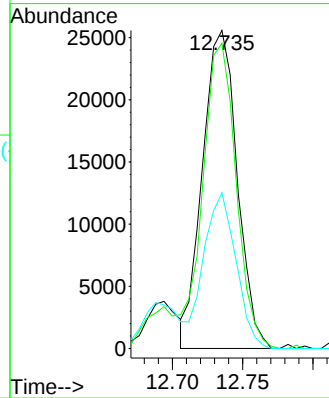
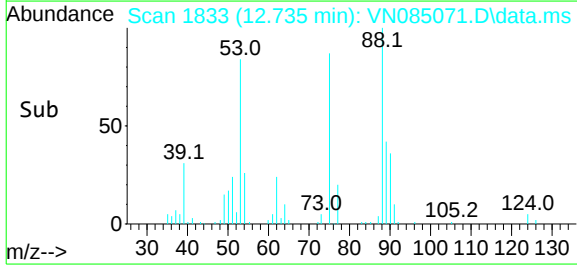
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 43882
Ion Ratio Lower Upper
75 100
53 93.9 78.2 117.4
89 44.8 37.9 56.9

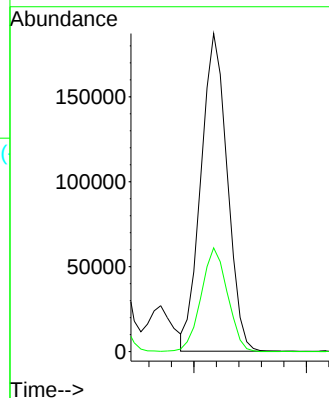
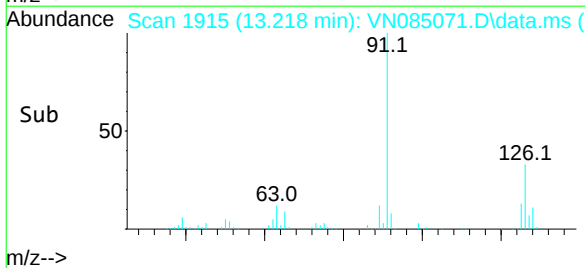
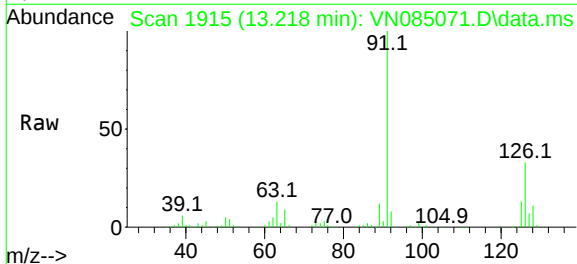
Manual Integrations
APPROVED

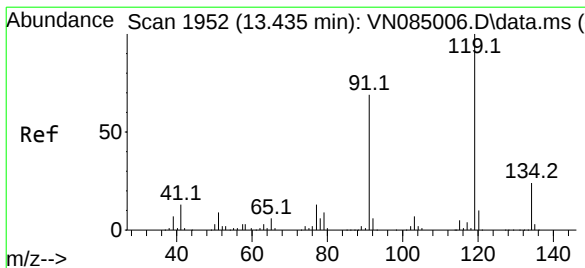
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#82
4-Chlorotoluene
Concen: 41.263 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Tgt Ion: 91 Resp: 303985
Ion Ratio Lower Upper
91 100
126 32.7 16.1 48.3





#83
tert-Butylbenzene
Concen: 47.597 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Instrument :

MSVOA_N

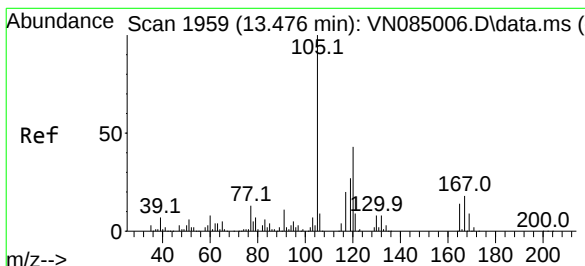
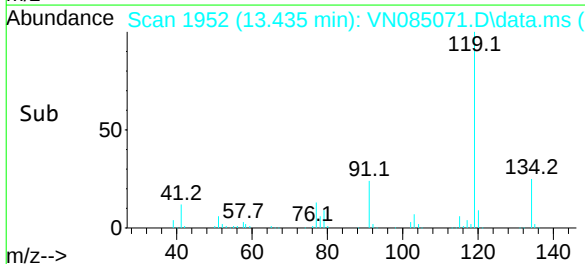
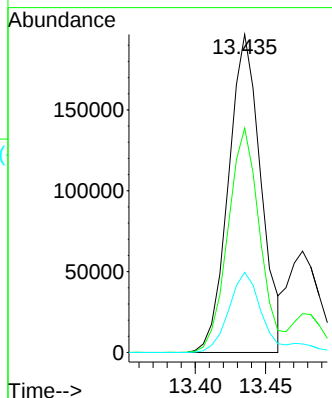
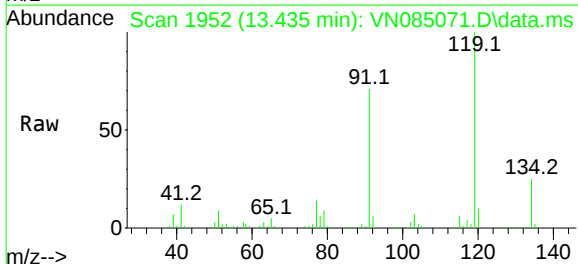
ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 315850
Ion Ratio Lower Upper
119 100
91 69.8 35.1 105.5
134 24.9 12.1 36.3

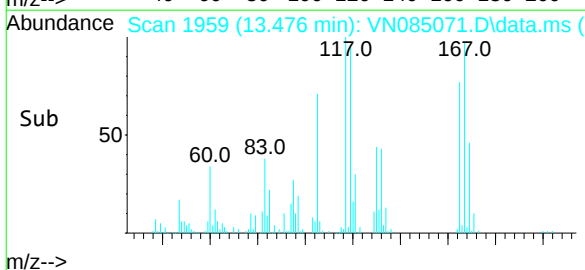
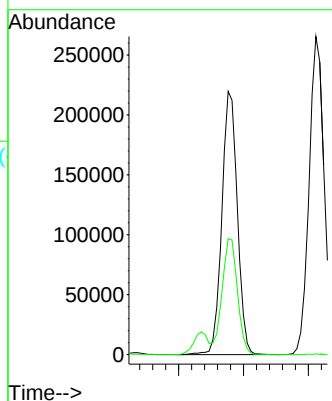
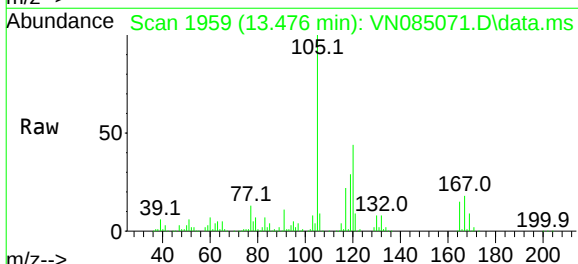
Manual Integrations
APPROVED

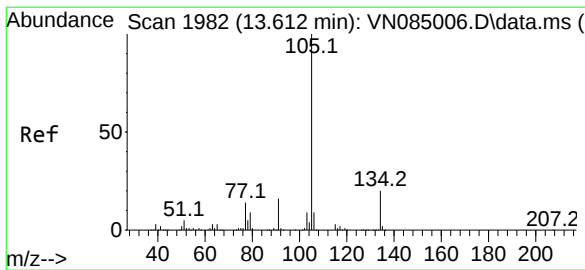
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#84
1,2,4-Trimethylbenzene
Concen: 45.876 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Tgt Ion:105 Resp: 364211
Ion Ratio Lower Upper
105 100
120 44.3 21.8 65.4





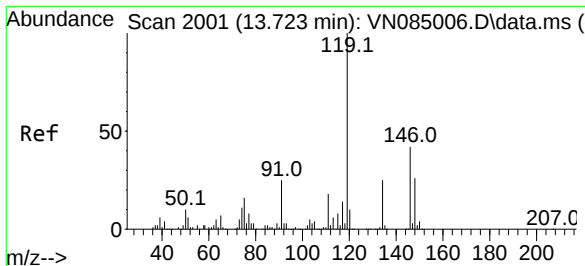
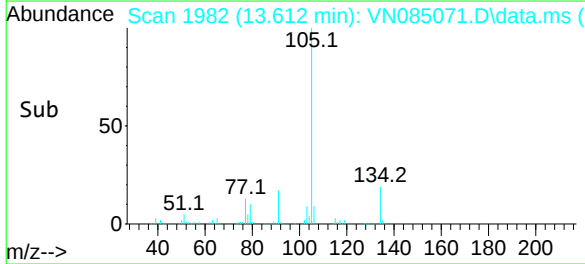
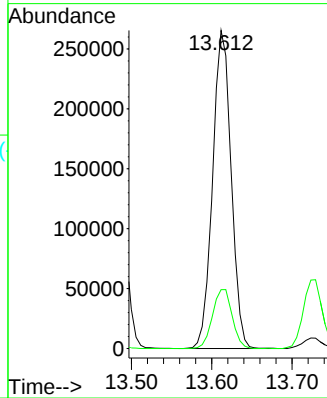
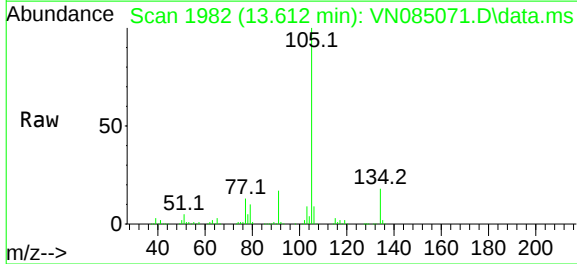
#85
sec-Butylbenzene
Concen: 47.491 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 425728
Ion Ratio Lower Upper
105 100
134 19.6 9.8 29.3

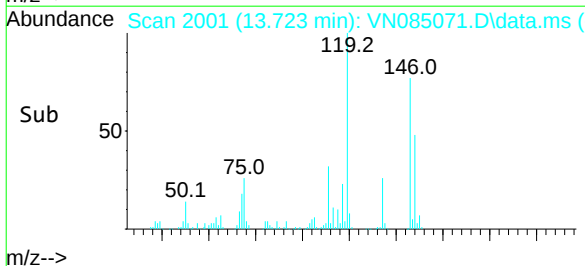
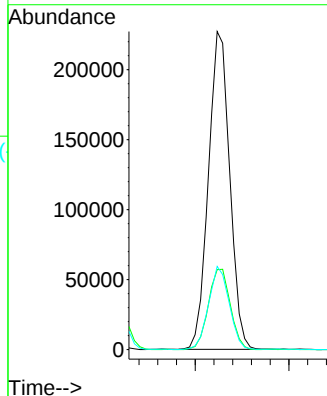
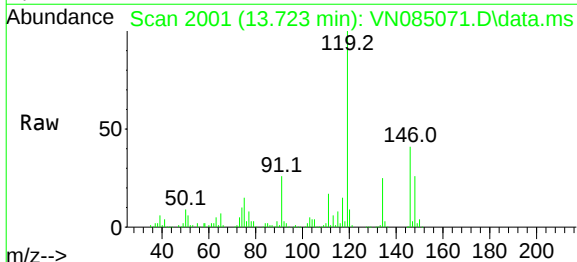
Manual Integrations
APPROVED

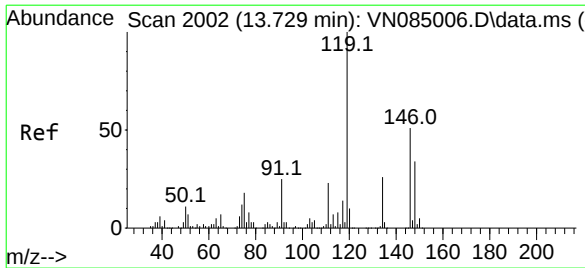
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#86
p-Isopropyltoluene
Concen: 48.389 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Tgt Ion:119 Resp: 358079
Ion Ratio Lower Upper
119 100
134 26.2 13.0 39.0
91 25.5 12.8 38.4





#87

1,3-Dichlorobenzene

Concen: 38.319 ug/l

RT: 13.729 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN085071.D

Acq: 02 Dec 2024 16:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDC0050EC

Tgt Ion:146 Resp: 186942

Ion Ratio Lower Upper

146 100

111 41.6 21.6 65.0

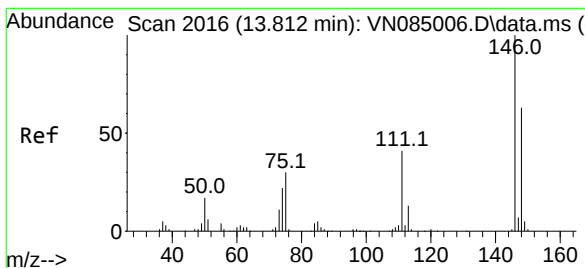
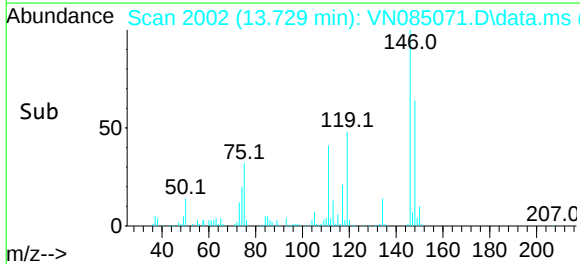
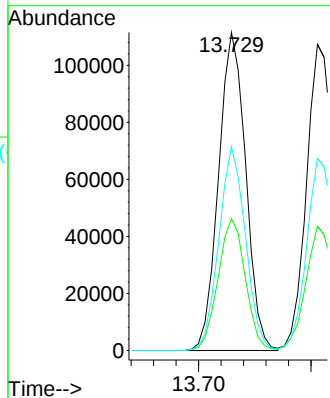
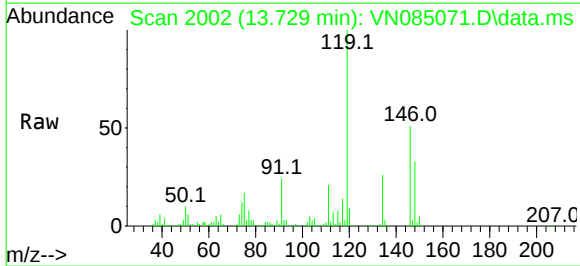
148 62.8 32.2 96.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#88

1,4-Dichlorobenzene

Concen: 36.872 ug/l

RT: 13.806 min Scan# 2015

Delta R.T. -0.006 min

Lab File: VN085071.D

Acq: 02 Dec 2024 16:47

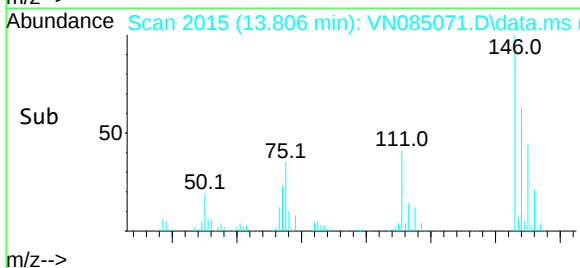
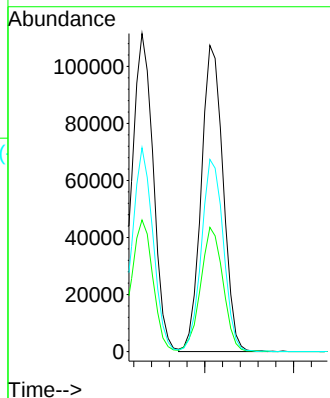
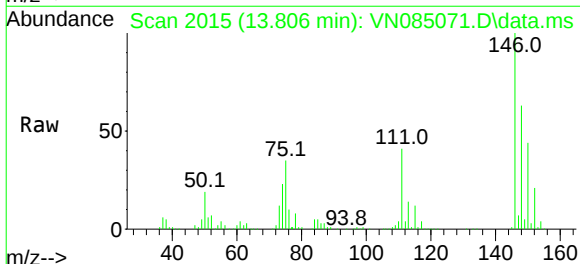
Tgt Ion:146 Resp: 183573

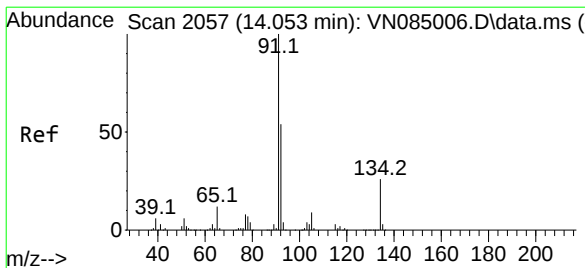
Ion Ratio Lower Upper

146 100

111 41.6 20.9 62.8

148 63.5 31.3 93.9





#89
n-Butylbenzene
Concen: 43.009 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Instrument :

MSVOA_N

ClientSampleId :

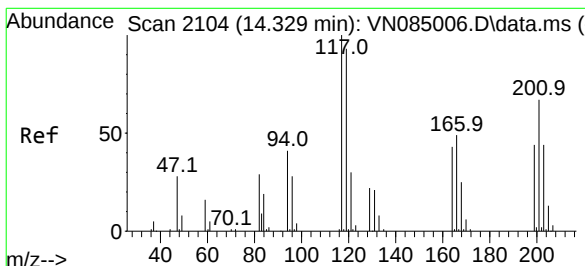
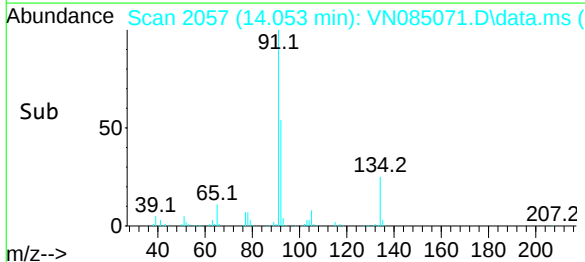
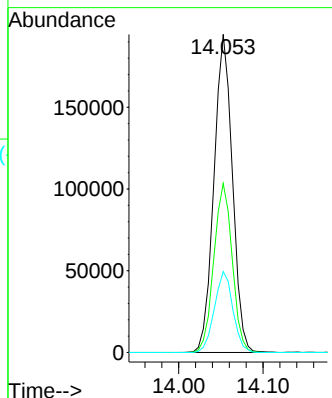
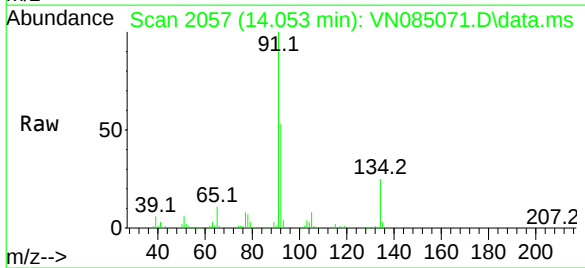
VSTDCCC050EC

Tgt Ion: 91 Resp: 295980
Ion Ratio Lower Upper
91 100
92 52.8 26.8 80.3
134 25.4 12.8 38.4

Manual Integrations

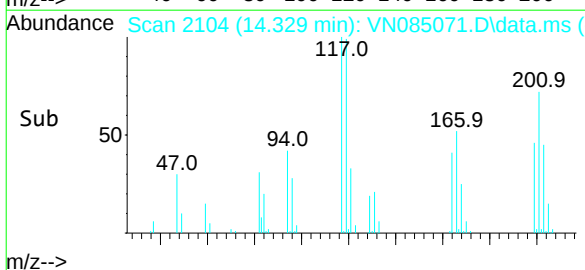
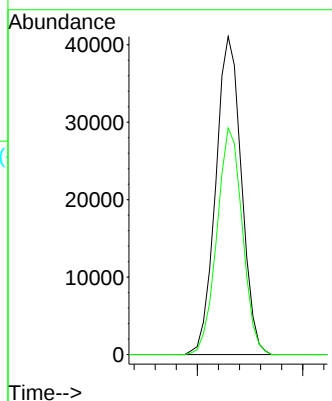
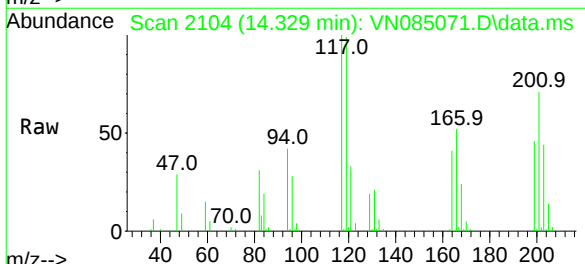
APPROVED

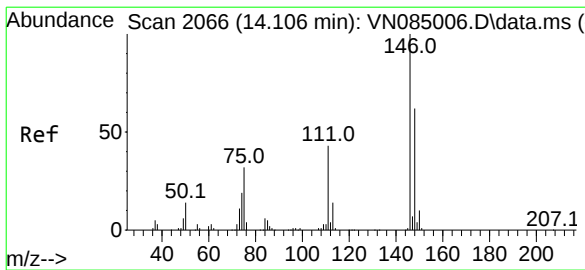
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#90
Hexachloroethane
Concen: 43.132 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Tgt Ion:117 Resp: 69572
Ion Ratio Lower Upper
117 100
201 70.5 35.2 105.6





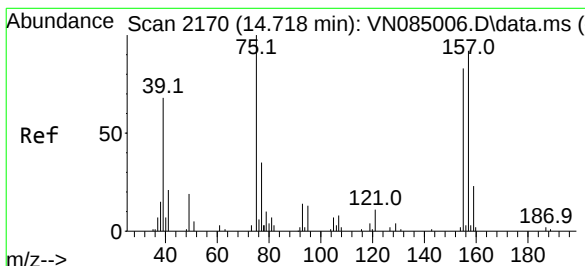
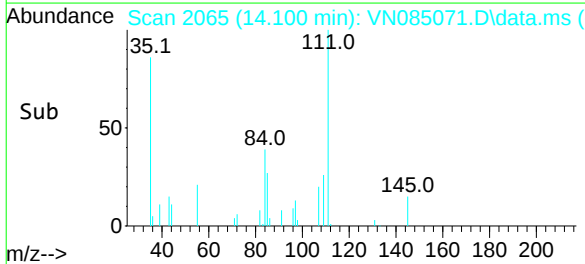
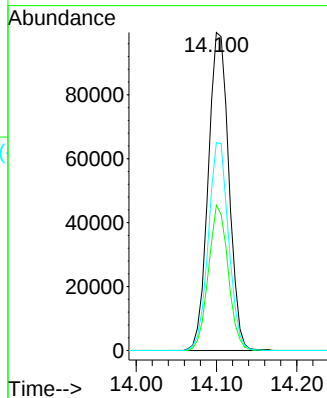
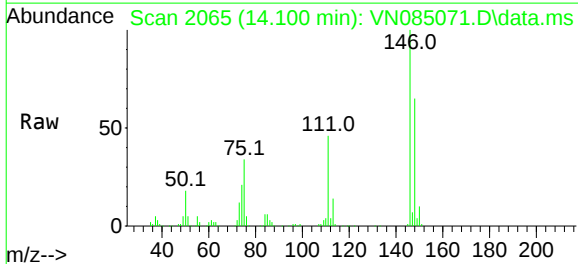
#91
1,2-Dichlorobenzene
Concen: 37.988 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 177589
Ion Ratio Lower Upper
146 100
111 43.6 21.9 65.8
148 64.2 31.1 93.2

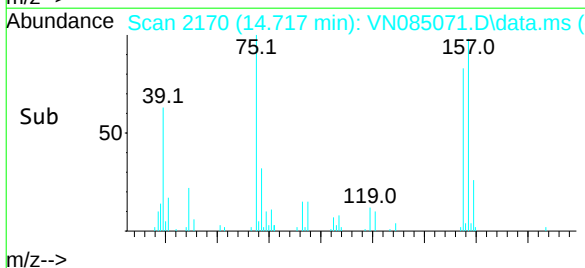
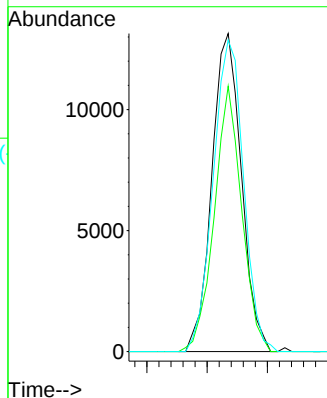
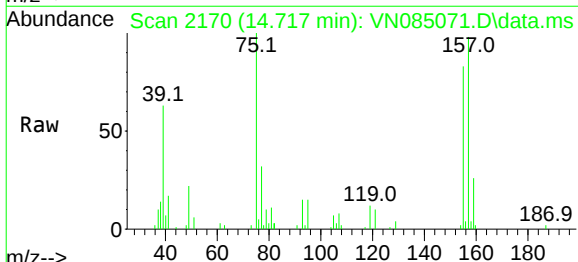
Manual Integrations
APPROVED

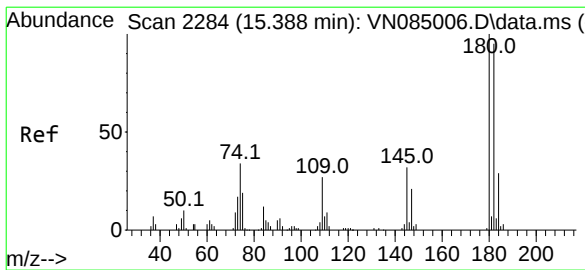
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 36.843 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

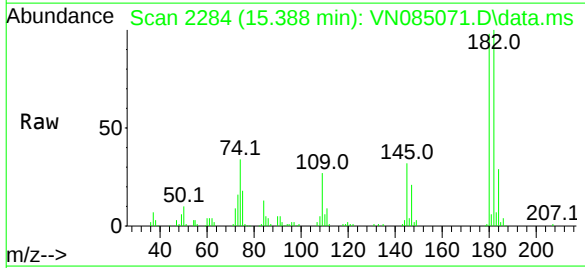
Tgt Ion: 75 Resp: 22360
Ion Ratio Lower Upper
75 100
155 77.6 38.9 116.7
157 101.1 48.3 144.9





#93
1,2,4-Trichlorobenzene
Concen: 37.193 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

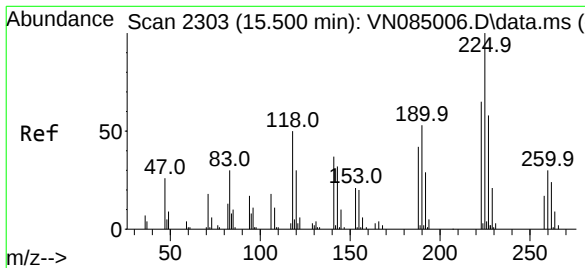
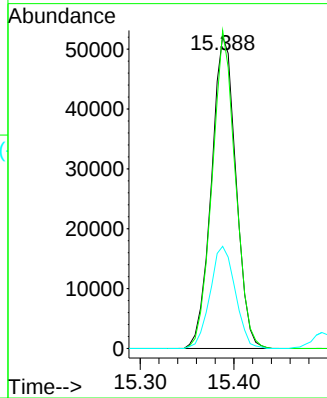
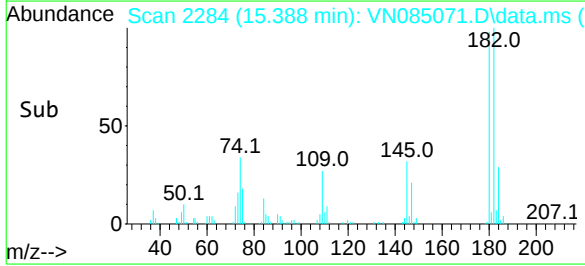
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 94460
Ion Ratio Lower Upper
180 100
182 96.6 46.9 140.8
145 33.7 16.3 48.8

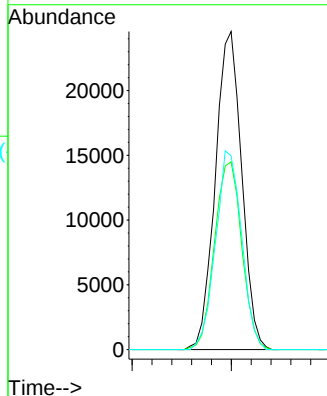
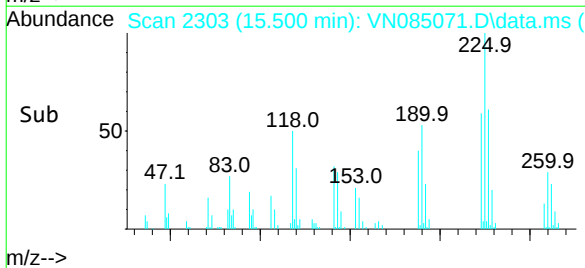
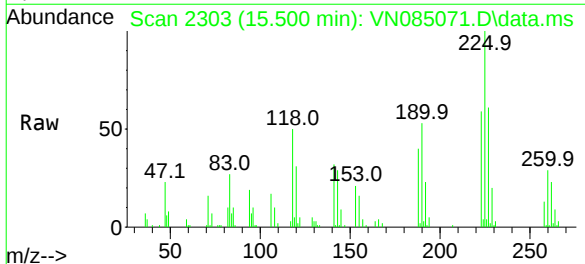
Manual Integrations
APPROVED

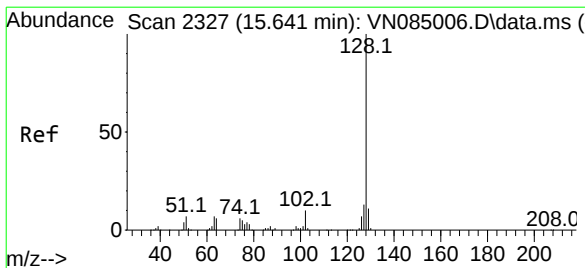
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#94
Hexachlorobutadiene
Concen: 38.653 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN085071.D
Acq: 02 Dec 2024 16:47

Tgt Ion:225 Resp: 45306
Ion Ratio Lower Upper
225 100
223 61.0 30.9 92.8
227 61.8 31.5 94.5





#95

Naphthalene

Concen: 38.412 ug/l

RT: 15.635 min Scan# 2327

Delta R.T. -0.006 min

Lab File: VN085071.D

Acq: 02 Dec 2024 16:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

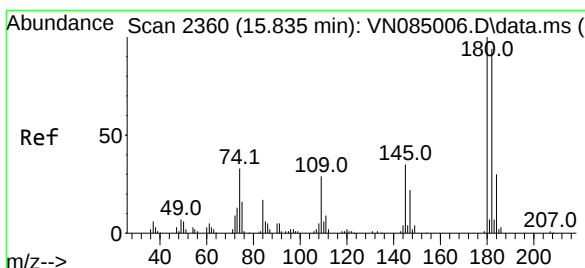
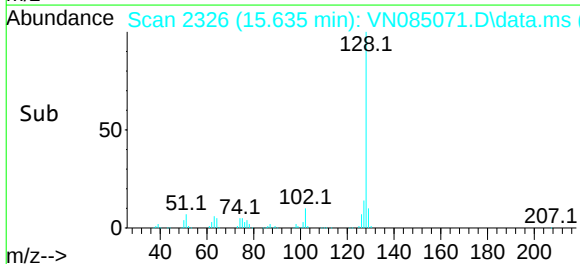
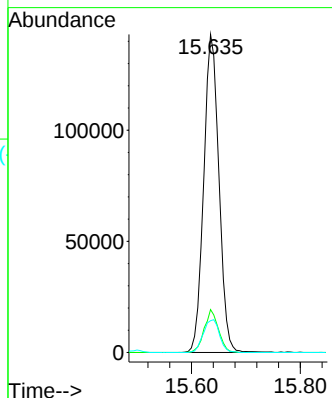
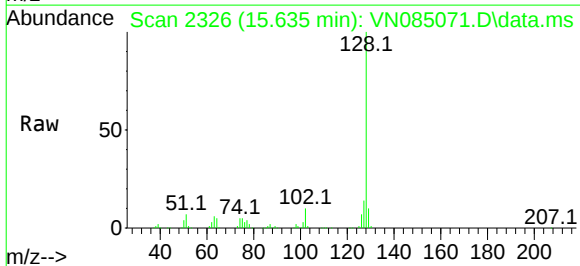
Tgt Ion:	128	Resp:	277851
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.6	16.0
129	11.0	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#96

1,2,3-Trichlorobenzene

Concen: 39.025 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085071.D

Acq: 02 Dec 2024 16:47

Tgt Ion:	180	Resp:	94569
Ion	Ratio	Lower	Upper
180	100		
182	95.8	46.4	139.2
145	34.0	17.3	52.0

