

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090624\
 Data File : VN083693.D
 Acq On : 06 Sep 2024 13:10
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/09/2024
 Supervised By : Mahesh Dadoda 09/09/2024

Quant Time: Sep 06 23:33:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:27:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	29544	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	176233	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	158496	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	81774	30.281	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.933%			
60) 4-Bromofluorobenzene	12.847	95	79655	29.160	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.200%			
63) Toluene-d8	10.565	98	219528	29.913	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.700%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	39089	19.757	ug/l	99
3) Chloromethane	2.359	50	40384	19.645	ug/l	97
4) Vinyl Chloride	2.512	62	41377	19.579	ug/l	96
5) Bromomethane	2.906	94	23544	19.940	ug/l	96
6) Chloroethane	3.083	64	27107	19.155	ug/l	91
7) Trichlorofluoromethane	3.465	101	68040	19.204	ug/l	91
8) Diethyl Ether	3.953	74	23371	19.413	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.359	101	36179	19.010	ug/l	95
10) 1,1-Dichloroethene	4.324	96	35100	19.115	ug/l	87
11) Methyl Iodide	4.583	142	48017	19.252	ug/l	96
12) Methyl Acetate	5.024	43	40812	18.430	ug/l #	83
13) Acrolein	4.177	56	34448	106.590	ug/l	99
14) Acrylonitrile	5.712	53	85727	95.660	ug/l	98
15) Acetone	4.430	58	26817	90.209	ug/l	74
16) Carbon Disulfide	4.700	76	100907	19.445	ug/l	100
17) Allyl chloride	5.012	41	61310	19.019	ug/l	88
18) Methylene Chloride	5.265	84	39051	19.439	ug/l	91
19) trans-1,2-Dichloroethene	5.777	96	37248	19.572	ug/l	90
20) Diisopropyl ether	6.671	45	121252	18.646	ug/l	96
21) 1,1-Dichloroethane	6.565	63	71266	19.195	ug/l	96
22) cis-1,2-Dichloroethene	7.483	96	45278	19.548	ug/l	94
23) tert-Butyl Alcohol	5.536	59	32406	98.542	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	127165	19.488	ug/l #	80
25) Chloroform	7.965	83	76545	19.454	ug/l	96
26) Cyclohexane	8.253	56	62769	19.195	ug/l #	89
29) 1,1-Dichloropropene	8.365	75	52691	18.850	ug/l	98
30) 2-Butanone	7.483	43	122833	93.220	ug/l	95
31) 2,2-Dichloropropane	7.488	77	66330	18.612	ug/l #	81
32) 1,1,1-Trichloroethane	8.165	97	70442	18.870	ug/l	98
33) Carbon Tetrachloride	8.359	117	60200	18.621	ug/l	98
34) Benzene	8.606	78	161311	19.233	ug/l	97
35) Methacrylonitrile	7.777	41	28693	19.371	ug/l	93
36) 1,2-Dichloroethane	8.671	62	59759	18.953	ug/l #	94
37) Trichloroethene	9.353	130	36370	18.466	ug/l	92
38) Methylcyclohexane	9.600	83	61729	18.445	ug/l	95
39) 1,2-Dichloropropane	9.624	63	38032	18.841	ug/l	96
40) Dibromomethane	9.712	93	28687	19.436	ug/l	93
41) Bromodichloromethane	9.888	83	58417	18.613	ug/l	98
42) Vinyl Acetate	6.600	43	474357	87.559	ug/l	97

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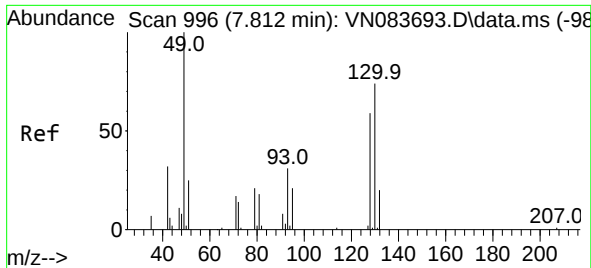
Manual Integrations
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 Supervised By : Mahesh Dadoda 09/09/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	50568	19.067	ug/l	98
44) Isopropyl Acetate	8.688	43	86297	18.813	ug/l	92
45) 1,4-Dioxane	9.700	88	14381	401.944	ug/l #	91
46) Methyl methacrylate	9.682	41	40975	18.454	ug/l	82
47) n-amyl Acetate	12.494	43	75311	18.534	ug/l	90
48) t-1,3-Dichloropropene	10.835	75	61220	18.544	ug/l	96
49) cis-1,3-Dichloropropene	10.312	75	63240	18.419	ug/l #	83
50) 1,1,2-Trichloroethane	11.018	97	35468	18.885	ug/l	94
51) Ethyl methacrylate	10.871	69	61759	19.248	ug/l	74
52) 1,3-Dichloropropane	11.159	76	64193	18.927	ug/l	98
53) Dibromochloromethane	11.359	129	41381	18.370	ug/l	99
54) 1,2-Dibromoethane	11.465	107	36461	18.766	ug/l	97
55) 2-Chloroethyl vinyl ether	10.159	63	134587	105.251	ug/l	98
56) Bromoform	12.576	173	26256	18.346	ug/l #	97
58) 4-Methyl-2-Pentanone	10.447	43	241862	96.239	ug/l #	88
59) 2-Hexanone	11.194	43	179424	94.485	ug/l	88
61) Tetrachloroethene	11.100	164	30715	18.311	ug/l	92
62) Toluene	10.629	91	172549	18.940	ug/l	100
64) Chlorobenzene	11.888	112	107119	18.991	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.959	131	36844	18.751	ug/l	98
66) Ethyl Benzene	11.965	91	190134	18.353	ug/l	99
67) m/p-Xylenes	12.070	106	142126	37.289	ug/l	96
68) o-Xylene	12.394	106	70297	19.056	ug/l	97
69) Styrene	12.412	104	116436	18.681	ug/l	99
70) Isopropylbenzene	12.694	105	179621	18.451	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	51111	19.223	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	44699m	19.212	ug/l	
73) Bromobenzene	12.976	156	41815	18.701	ug/l	97
74) n-propylbenzene	13.035	91	210183	18.444	ug/l	100
75) 2-Chlorotoluene	13.123	91	132707	18.658	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	153570	18.885	ug/l	97
77) t-1,4-Dichloro-2-butene	12.735	75	18032	18.300	ug/l	88
78) 4-Chlorotoluene	13.223	91	133498	18.508	ug/l	98
79) tert-butylbenzene	13.435	119	135515	19.057	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	152609	18.571	ug/l	100
81) sec-Butylbenzene	13.617	105	176163	18.135	ug/l	99
82) p-Isopropyltoluene	13.729	119	148197	18.132	ug/l	98
83) 1,3-Dichlorobenzene	13.729	146	79779	18.538	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	79934	18.579	ug/l	99
85) n-Butylbenzene	14.053	91	127684	17.704	ug/l	97
86) Hexachloroethane	14.335	117	28237	18.231	ug/l	90
87) 1,2-Dichlorobenzene	14.106	146	77004	18.437	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.717	75	10937	18.717	ug/l	94
89) 1,2,4-Trichlorobenzene	15.835	180	41851	18.290	ug/l	99
90) Hexachlorobutadiene	15.500	225	16856	17.798	ug/l	95
91) Naphthalene	15.641	128	137355	18.362	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	41851	18.290	ug/l	99

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



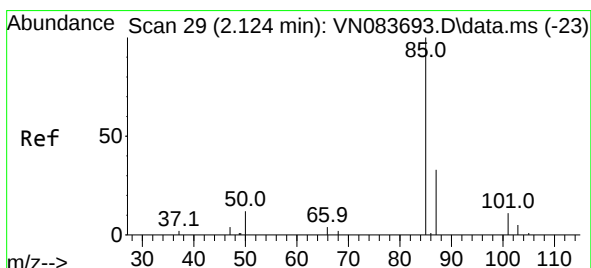
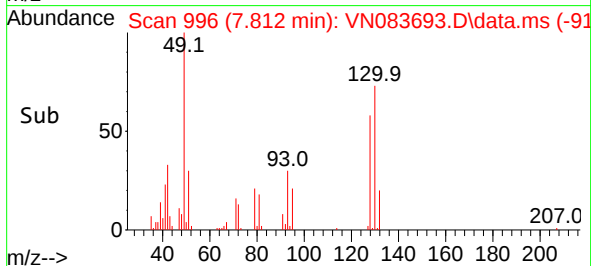
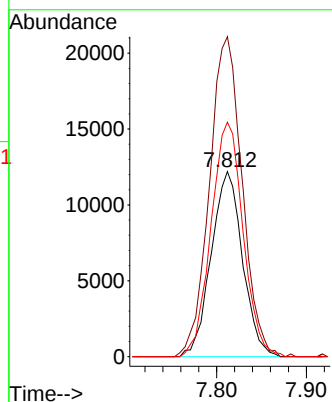
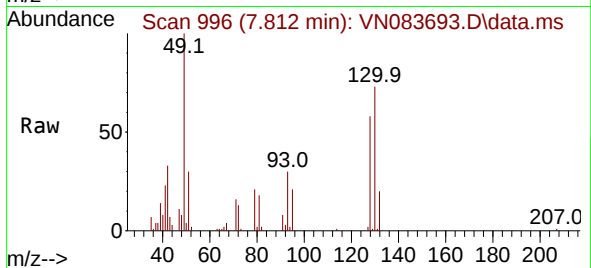
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:128 Resp: 29544
Ion Ratio Lower Upper
128 100
49 180.2 0.0 403.7
130 129.8 0.0 323.3

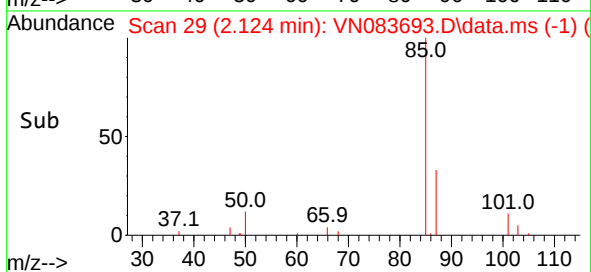
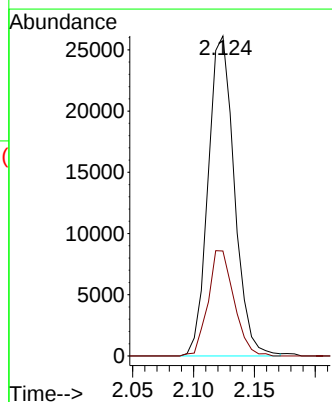
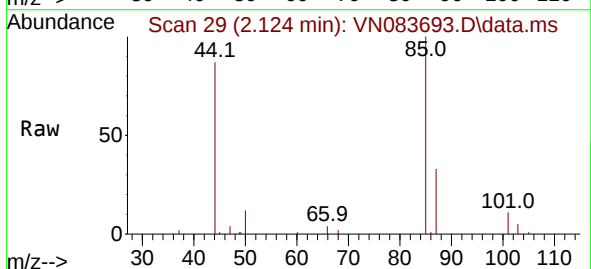
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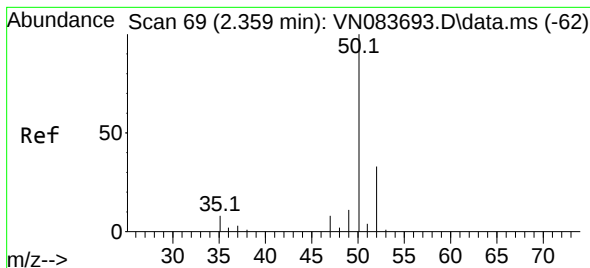
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#2
Dichlorodifluoromethane
Concen: 19.757 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

Tgt Ion: 85 Resp: 39089
Ion Ratio Lower Upper
85 100
87 32.8 16.8 50.3





#3

Chloromethane

Concen: 19.645 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN083693.D

Acq: 06 Sep 2024 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 50 Resp: 40384

Ion Ratio Lower Upper

50 100

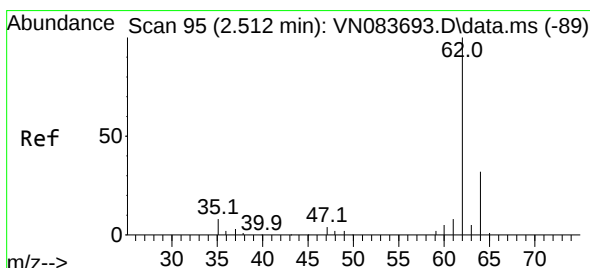
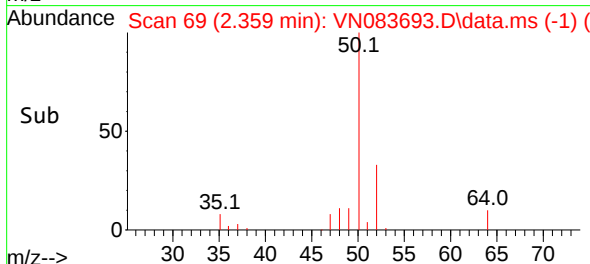
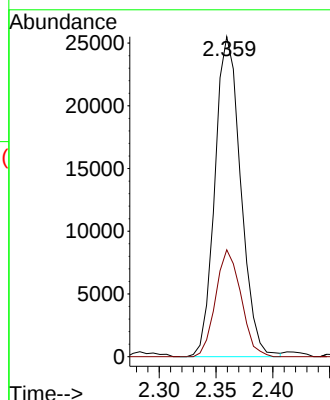
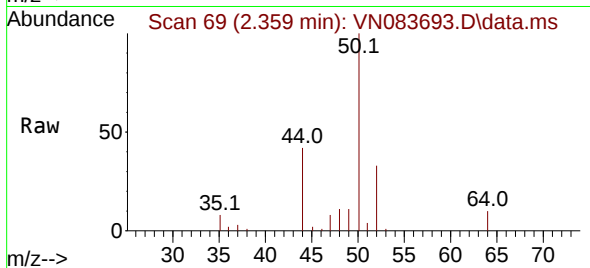
52 33.4 25.4 38.0

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#4

Vinyl Chloride

Concen: 19.579 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN083693.D

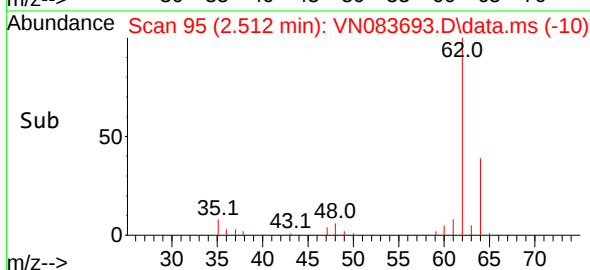
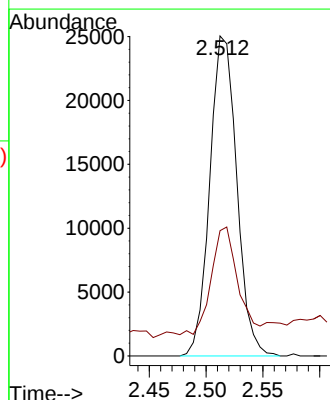
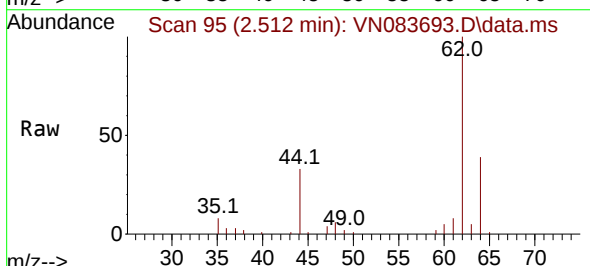
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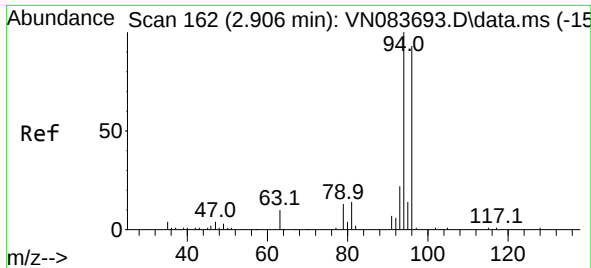
Tgt Ion: 62 Resp: 41377

Ion Ratio Lower Upper

62 100

64 32.5 24.1 36.1





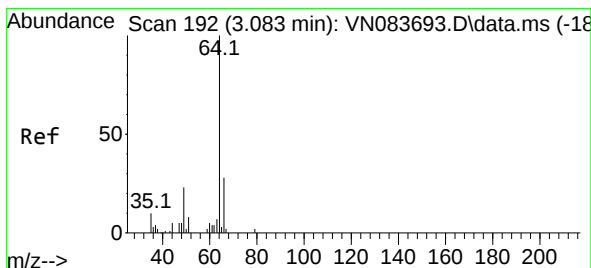
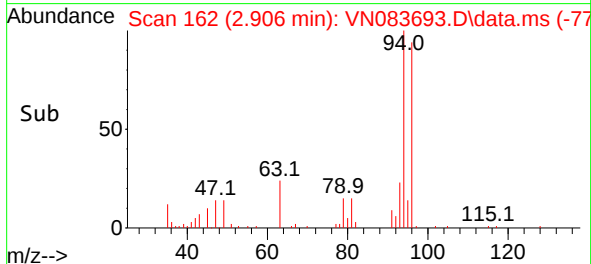
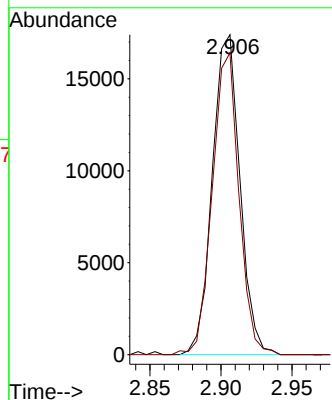
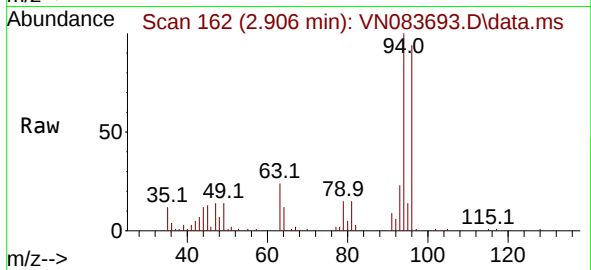
#5
Bromomethane
Concen: 19.940 ug/l
RT: 2.906 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 94 Resp: 23544
Ion Ratio Lower Upper
94 100
96 94.3 72.8 109.2

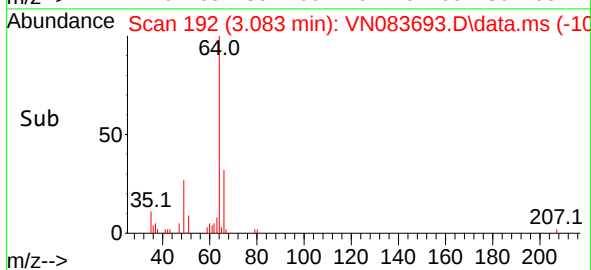
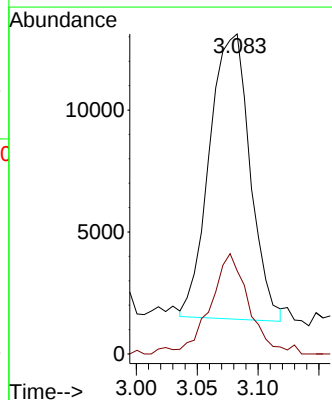
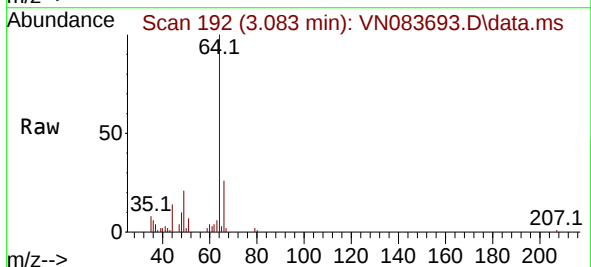
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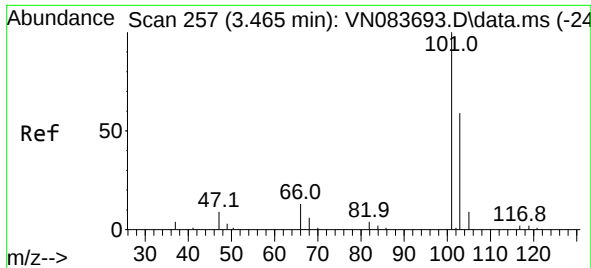
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#6
Chloroethane
Concen: 19.155 ug/l
RT: 3.083 min Scan# 192
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

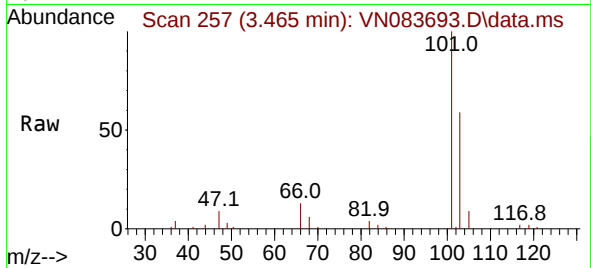
Tgt Ion: 64 Resp: 27107
Ion Ratio Lower Upper
64 100
66 28.4 26.7 40.1





#7
Trichlorofluoromethane
Concen: 19.204 ug/l
RT: 3.465 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

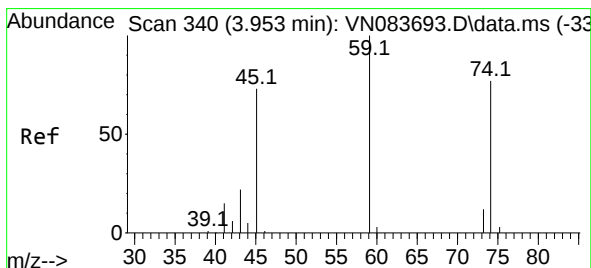
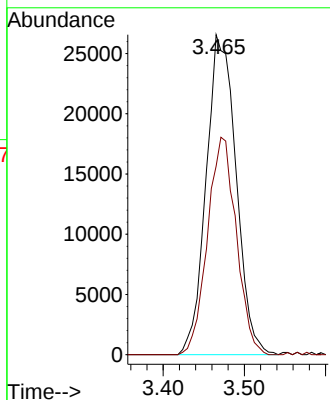
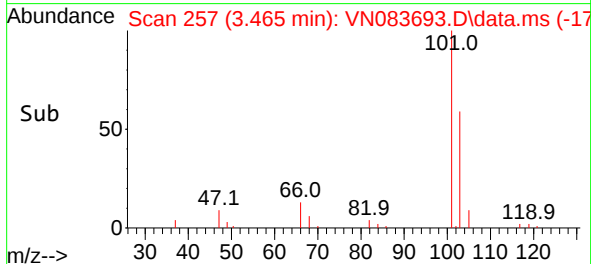
Instrument :
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Tgt Ion:101 Resp: 68040
Ion Ratio Lower Upper
101 100
103 58.9 53.0 79.4

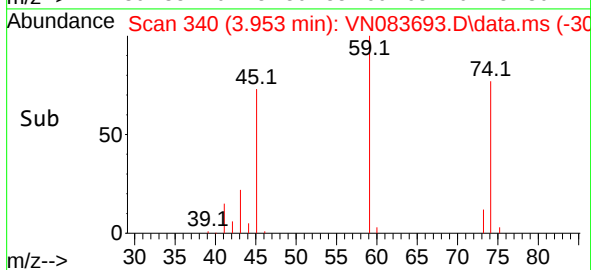
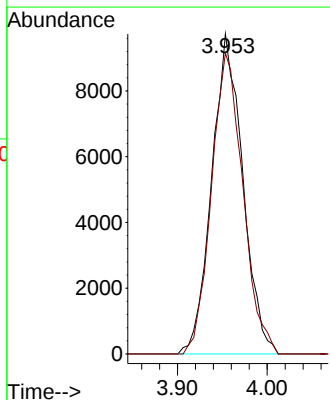
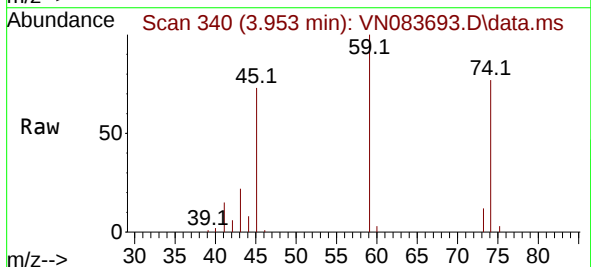
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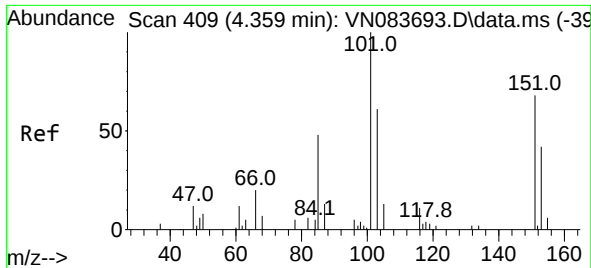
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#8
Diethyl Ether
Concen: 19.413 ug/l
RT: 3.953 min Scan# 340
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

Tgt Ion: 74 Resp: 23371
Ion Ratio Lower Upper
74 100
45 95.3 16.4 147.4





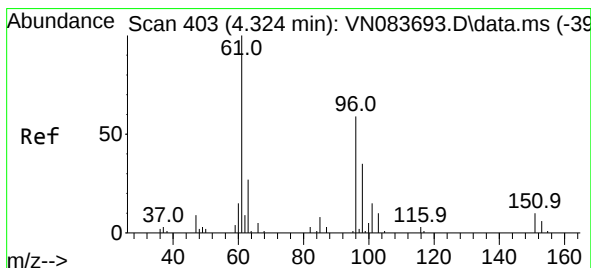
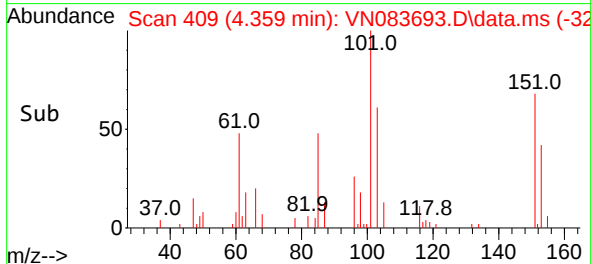
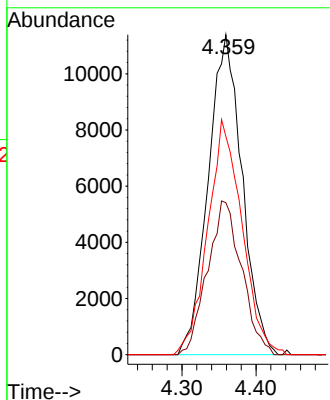
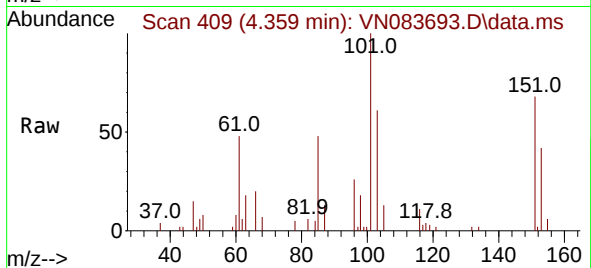
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1,1,2-Trichlorotrifluoroethane
Concen: 19.010 ug/l
RT: 4.359 min Scan# 409
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:101 Resp: 36179
Ion Ratio Lower Upper
101 100
85 48.4 0.0 90.6
151 74.1 0.0 157.6

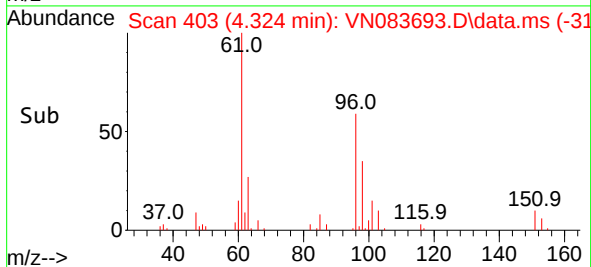
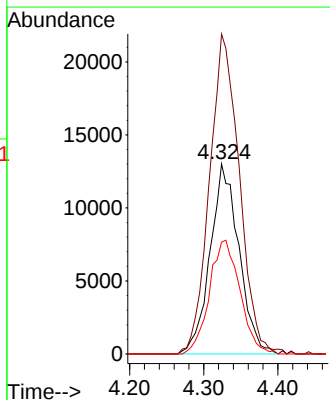
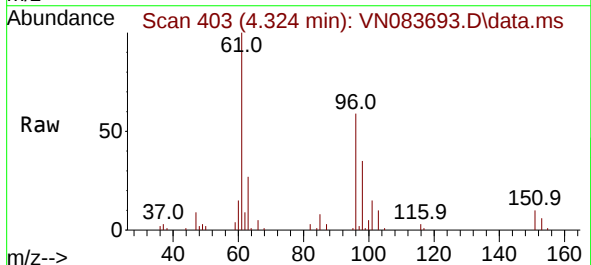
Manual Integrations
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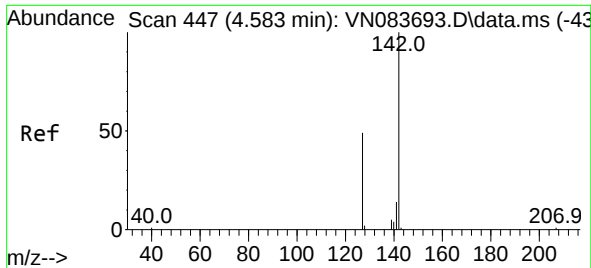
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#10
1,1-Dichloroethene
Concen: 19.115 ug/l
RT: 4.324 min Scan# 403
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

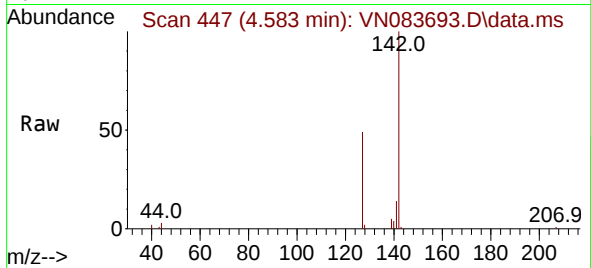
Tgt Ion: 96 Resp: 35100
Ion Ratio Lower Upper
96 100
61 168.3 117.6 176.4
98 58.8 48.4 72.6





#11
Methyl Iodide
Concen: 19.252 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

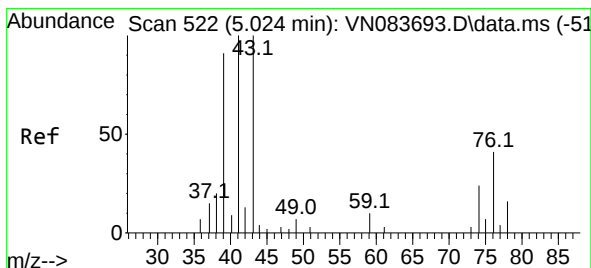
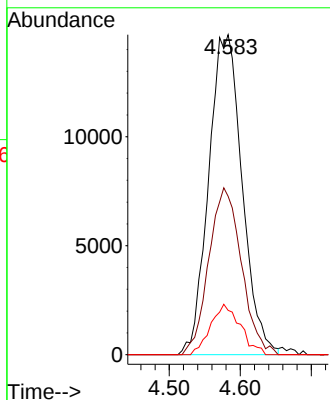
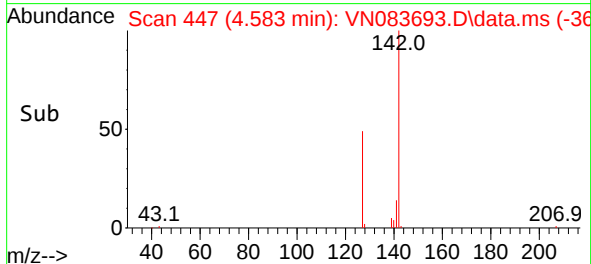
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:142 Resp: 4801
Ion Ratio Lower Upper
142 100
127 50.0 26.3 78.9
141 14.0 8.3 24.9

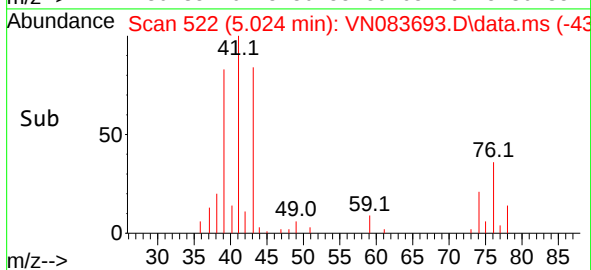
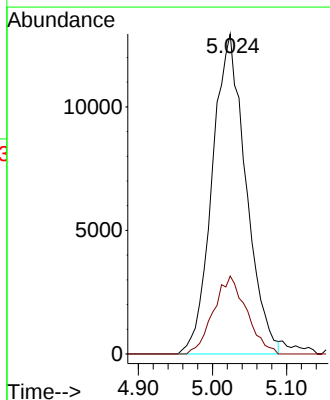
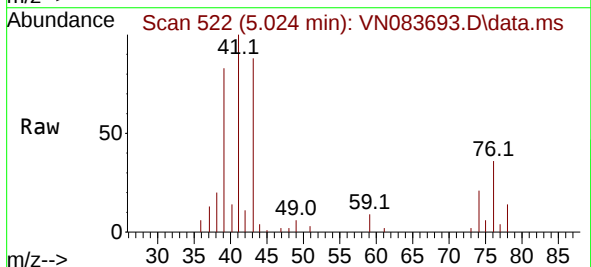
Manual Integrations
APPROVED

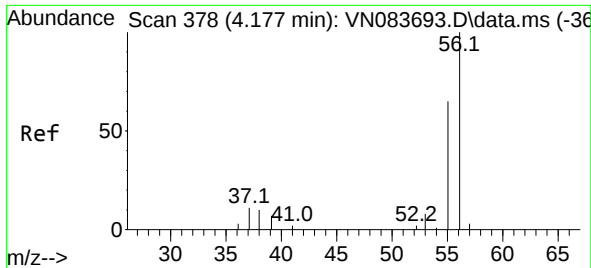
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#12
Methyl Acetate
Concen: 18.430 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

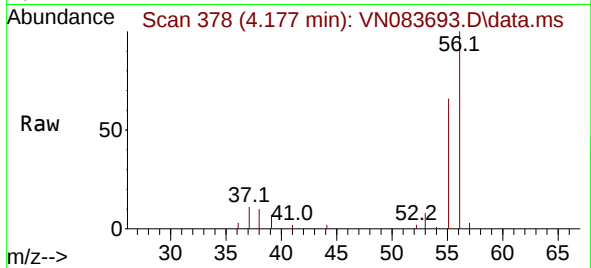
Tgt Ion: 43 Resp: 40812
Ion Ratio Lower Upper
43 100
74 24.8 27.7 41.5#





#13
Acrolein
Concen: 106.590 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

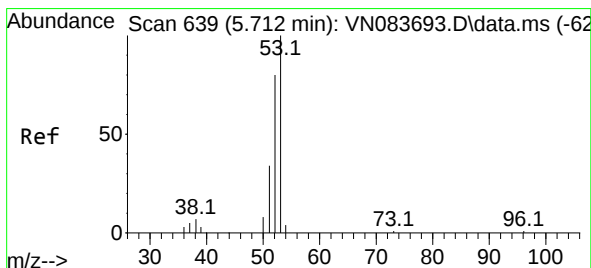
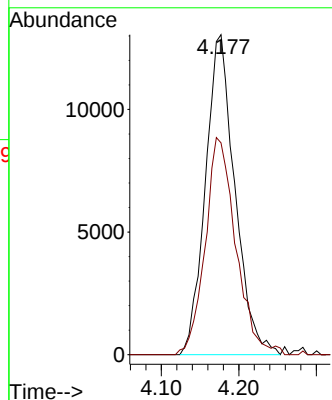
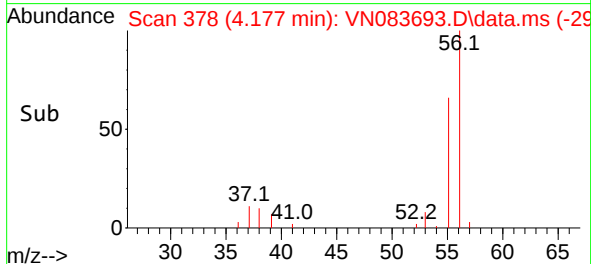
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



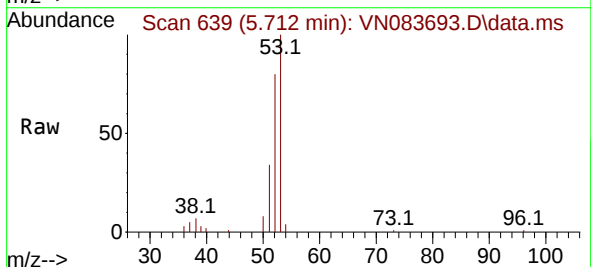
Tgt Ion: 56 Resp: 3444
Ion Ratio Lower Upper
56 100
55 69.9 55.5 83.3

Manual Integrations
APPROVED

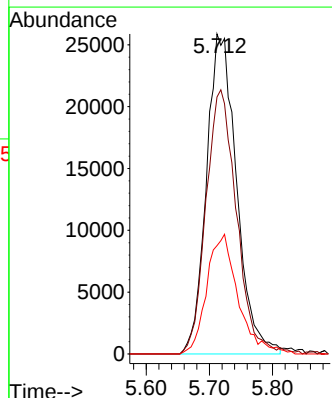
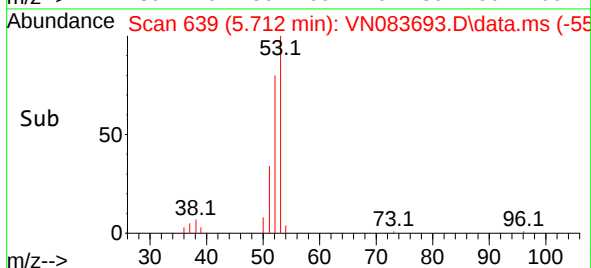
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024

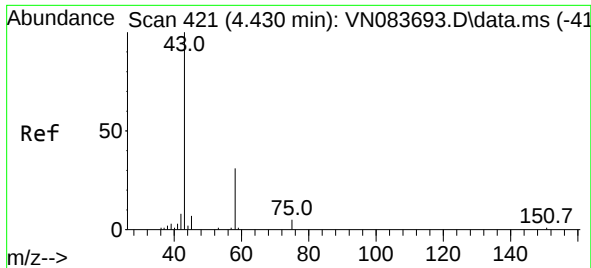


#14
Acrylonitrile
Concen: 95.660 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10



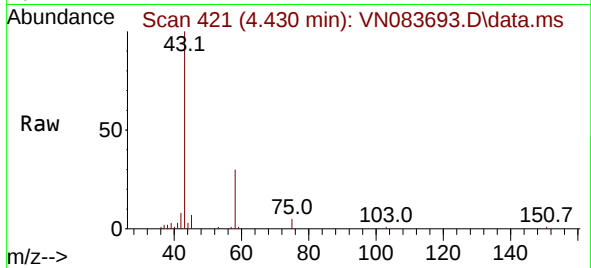
Tgt Ion: 53 Resp: 85727
Ion Ratio Lower Upper
53 100
52 83.1 41.3 123.9
51 37.0 16.8 50.3





#15
Acetone
Concen: 90.209 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

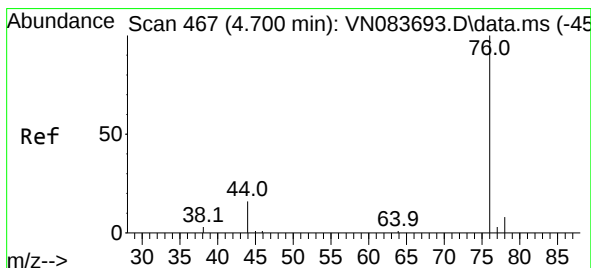
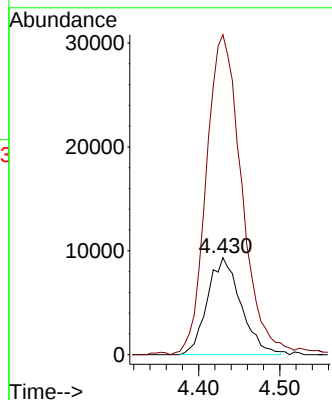
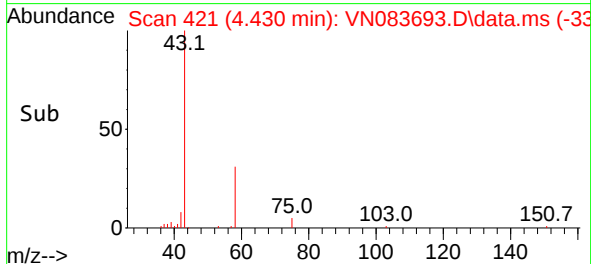
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 58 Resp: 2681
Ion Ratio Lower Upper
58 100
43 326.7 223.1 334.7

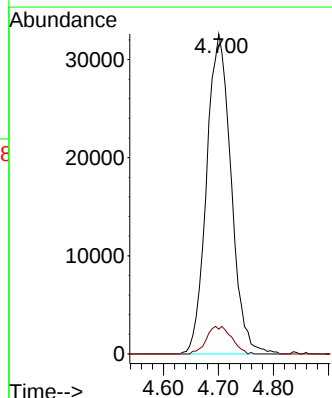
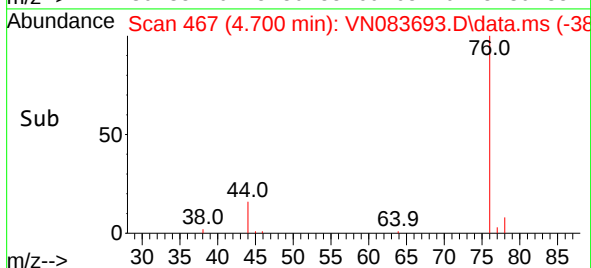
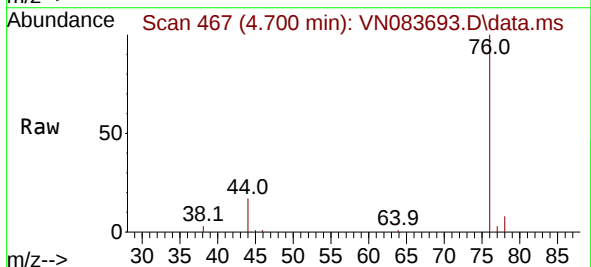
Manual Integrations
APPROVED

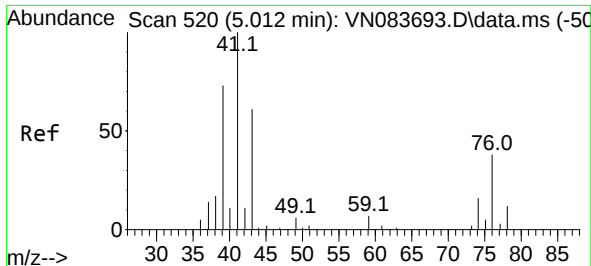
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#16
Carbon Disulfide
Concen: 19.445 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

Tgt Ion: 76 Resp: 100907
Ion Ratio Lower Upper
76 100
78 7.8 6.3 9.5





#17

Allyl chloride

Concen: 19.019 ug/l

RT: 5.012 min Scan# 51

Delta R.T. 0.000 min

Lab File: VN083693.D

Acq: 06 Sep 2024 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

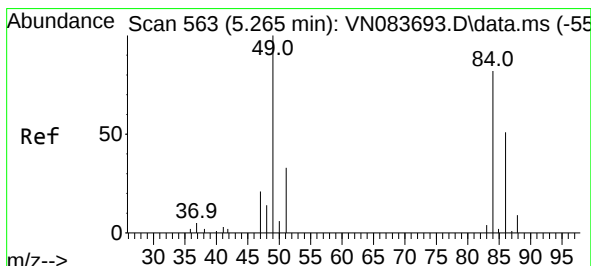
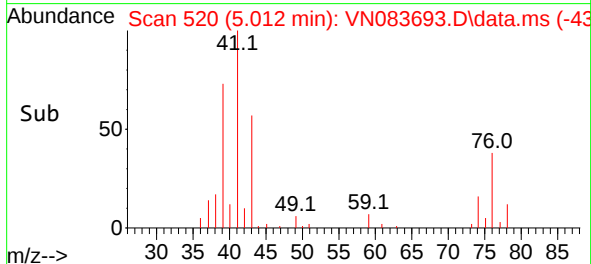
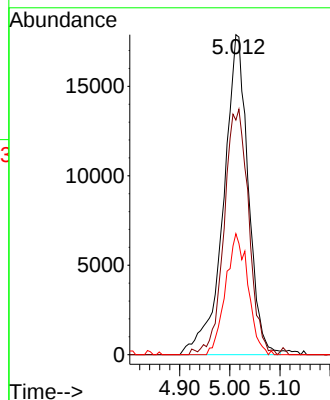
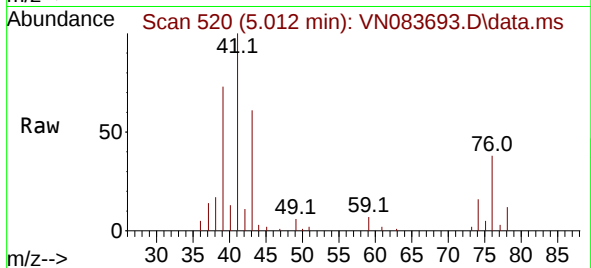
Tgt Ion: 41	Resp: 61310
Ion Ratio	Lower Upper
41	100
39	73.3 37.6 112.9
76	37.8 27.8 83.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2024

Supervised By :Mahesh Dadoda 09/09/2024



#18

Methylene Chloride

Concen: 19.439 ug/l

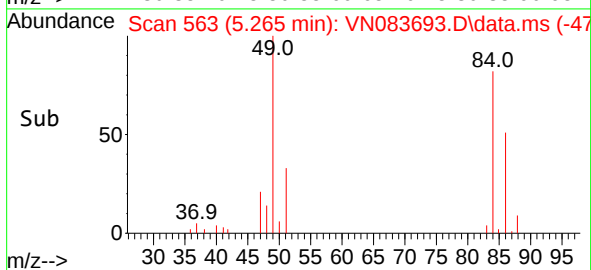
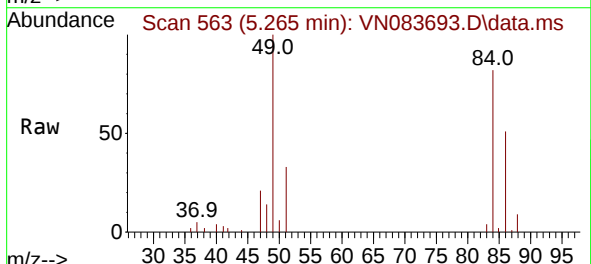
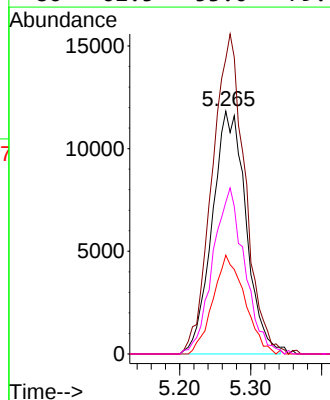
RT: 5.265 min Scan# 563

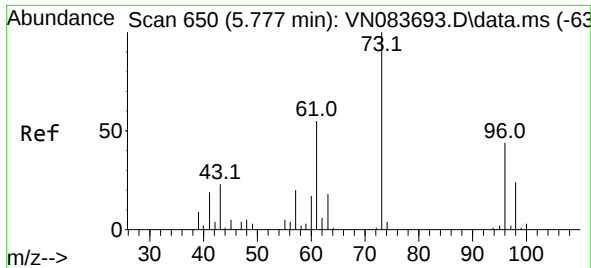
Delta R.T. 0.000 min

Lab File: VN083693.D

Acq: 06 Sep 2024 13:10

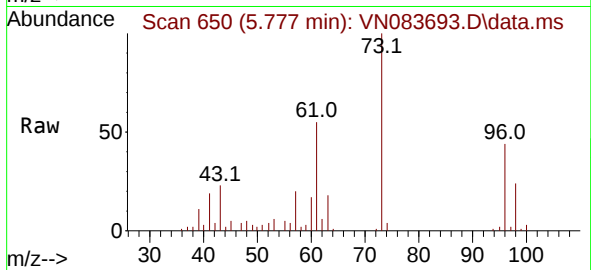
Tgt Ion: 84	Resp: 39051
Ion Ratio	Lower Upper
84	100
49	121.6 86.0 129.0
51	40.7 30.0 45.0
86	62.5 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 19.572 ug/l
RT: 5.777 min Scan# 650
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

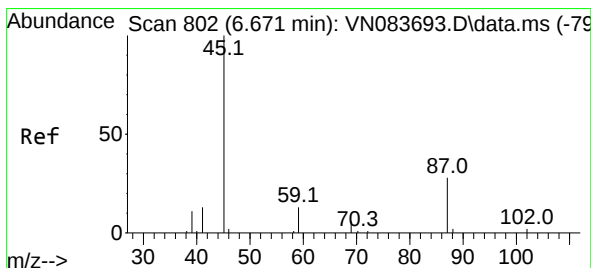
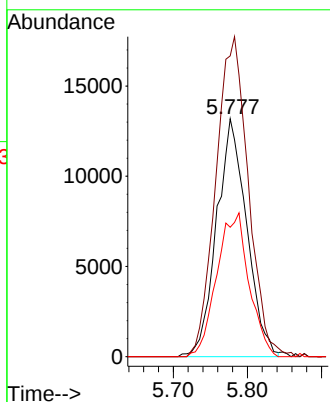
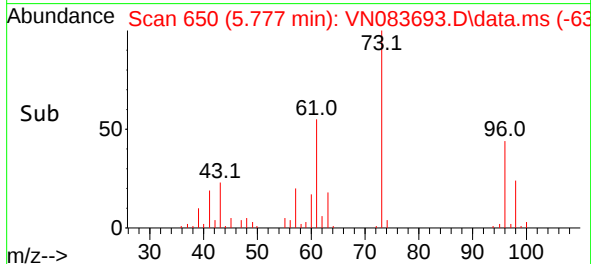
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 96 Resp: 37248
Ion Ratio Lower Upper
96 100
61 126.5 111.8 167.6
98 54.4 49.2 73.8

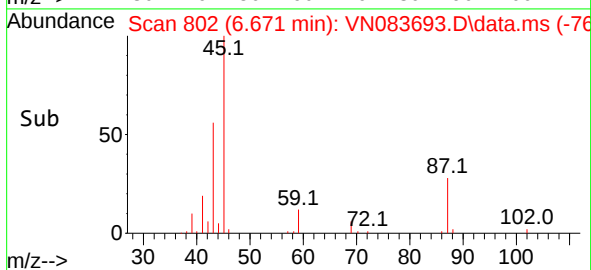
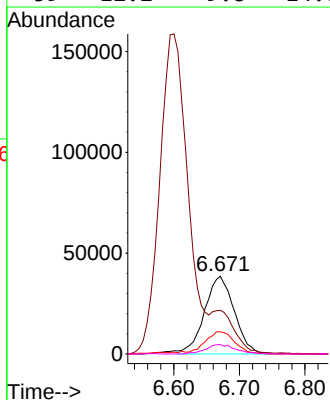
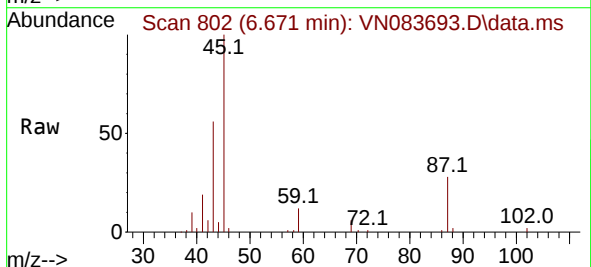
Manual Integrations
APPROVED

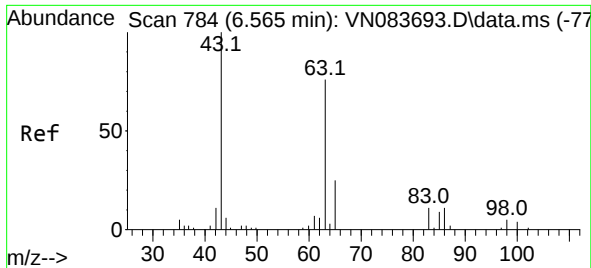
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#20
Diisopropyl ether
Concen: 18.646 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

Tgt Ion: 45 Resp: 121252
Ion Ratio Lower Upper
45 100
43 55.1 40.4 60.6
87 28.6 23.8 35.8
59 12.2 9.8 14.6





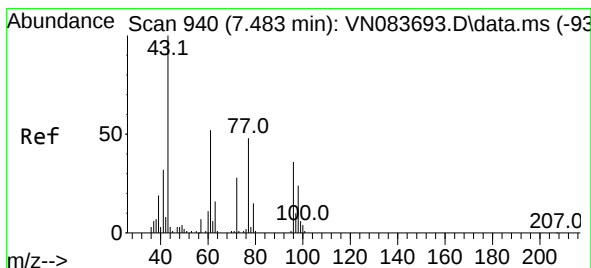
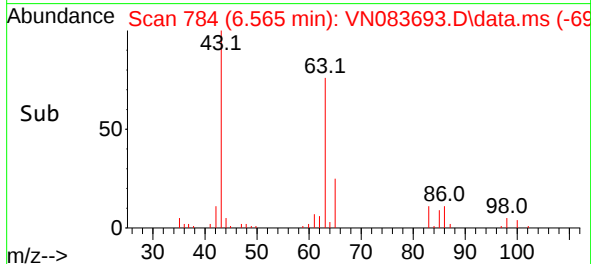
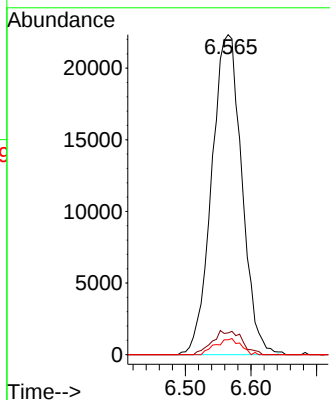
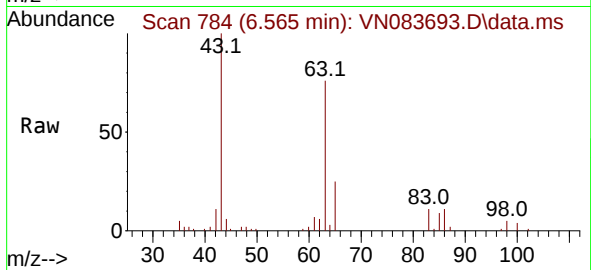
#21
1,1-Dichloroethane
Concen: 19.195 ug/l
RT: 6.565 min Scan# 7126
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 7126
Ion Ratio Lower Upper
63 100
98 6.8 4.1 12.3
100 4.6 3.0 9.0

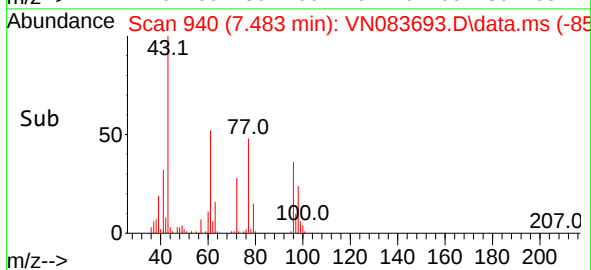
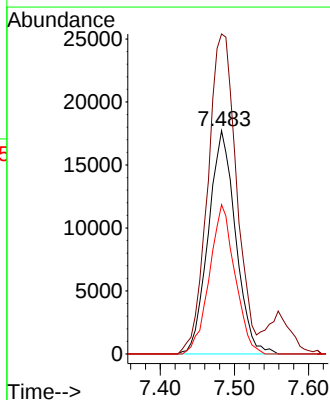
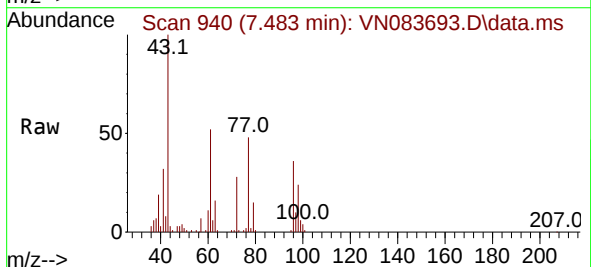
Manual Integrations
APPROVED

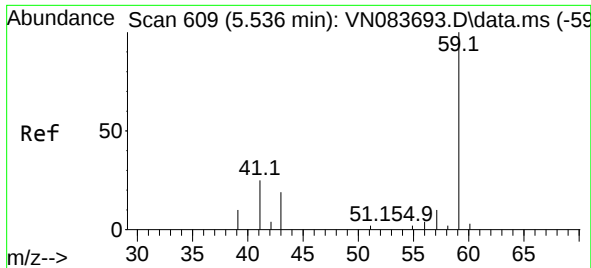
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#22
cis-1,2-Dichloroethene
Concen: 19.548 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

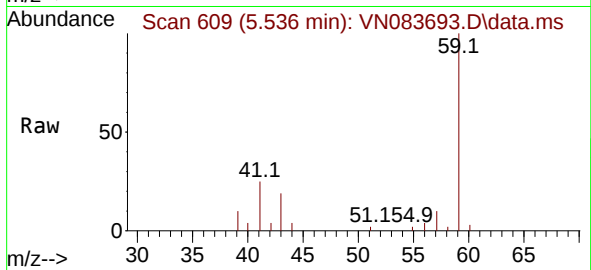
Tgt Ion: 96 Resp: 45278
Ion Ratio Lower Upper
96 100
61 151.1 113.5 170.3
98 62.6 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 98.542 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

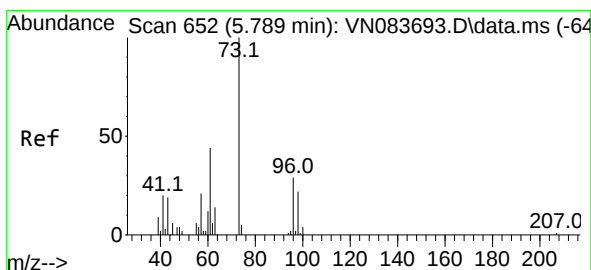
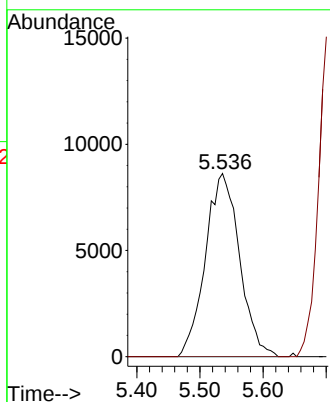
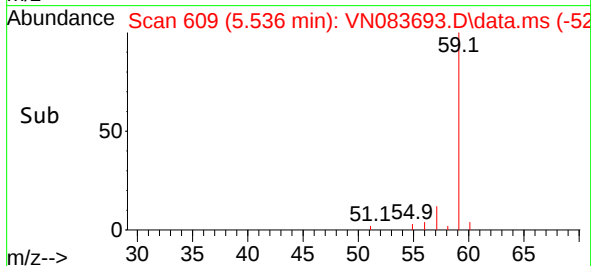
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 59 Resp: 32400
Ion Ratio Lower Upper
59 100
52 219.8 0.0 0.0

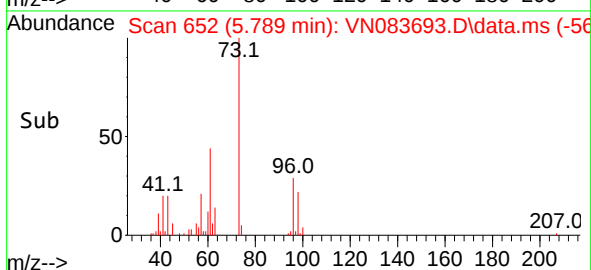
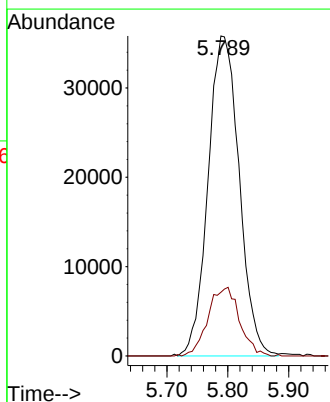
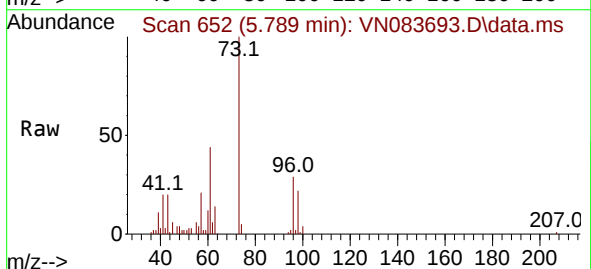
Manual Integrations
APPROVED

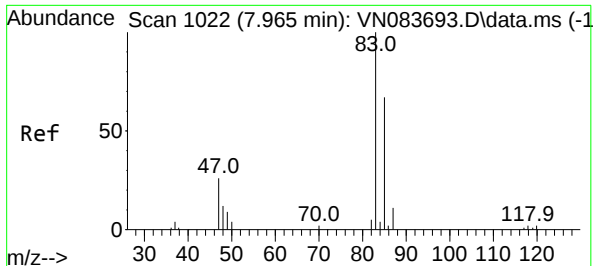
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#24
Methyl tert-Butyl Ether
Concen: 19.488 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

Tgt Ion: 73 Resp: 127165
Ion Ratio Lower Upper
73 100
43 8.1 13.4 20.2





#25

Chloroform

Concen: 19.454 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN083693.D

Acq: 06 Sep 2024 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 83 Resp: 7654

Ion Ratio Lower Upper

83 100

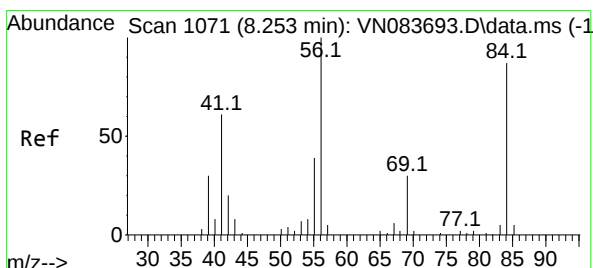
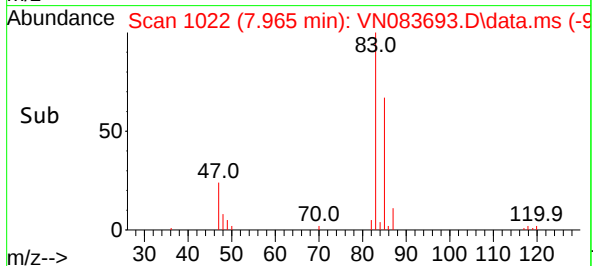
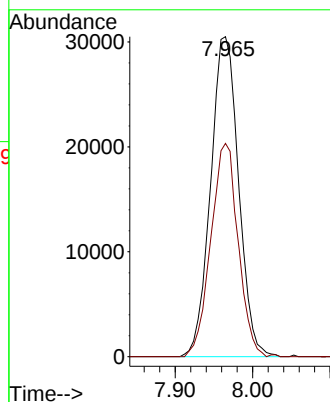
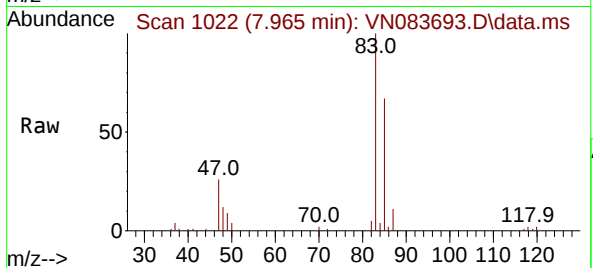
85 66.6 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2024

Supervised By :Mahesh Dadoda 09/09/2024



#26

Cyclohexane

Concen: 19.195 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN083693.D

Acq: 06 Sep 2024 13:10

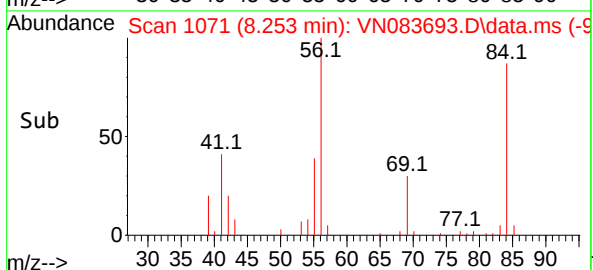
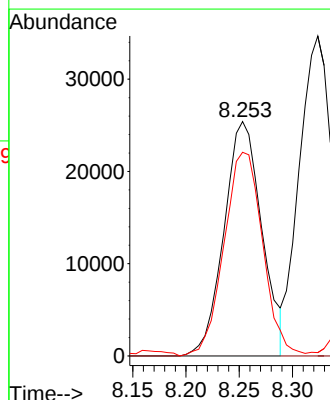
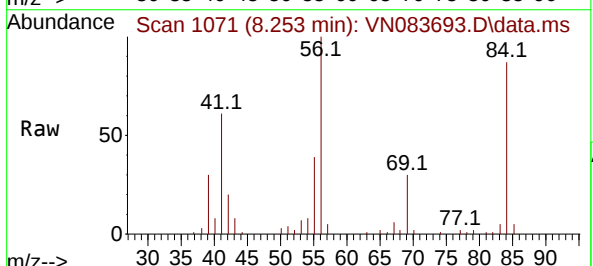
Tgt Ion: 56 Resp: 62769

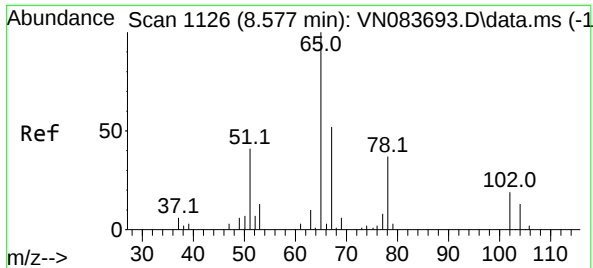
Ion Ratio Lower Upper

56 100

89 0.0 19.3 28.9

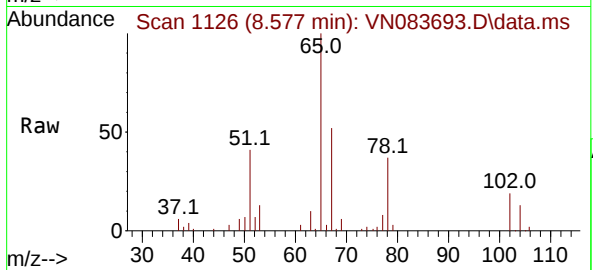
84 88.9 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 30.281 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

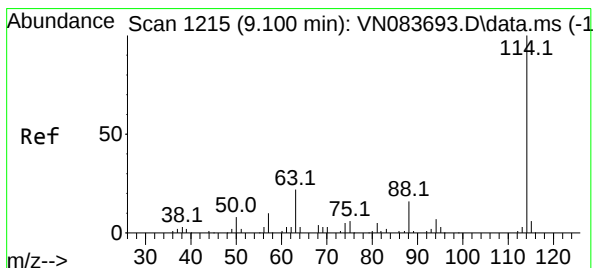
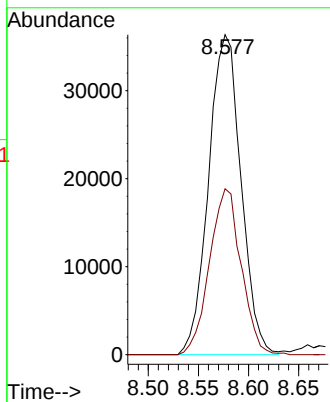
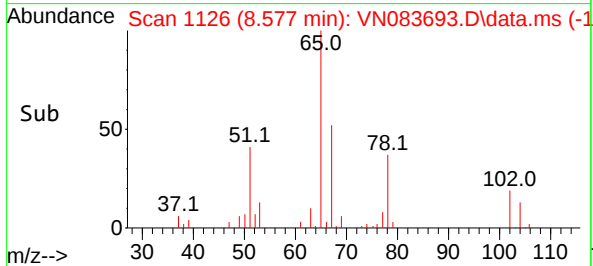
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 65 Resp: 81774
Ion Ratio Lower Upper
65 100
67 50.5 43.2 64.8

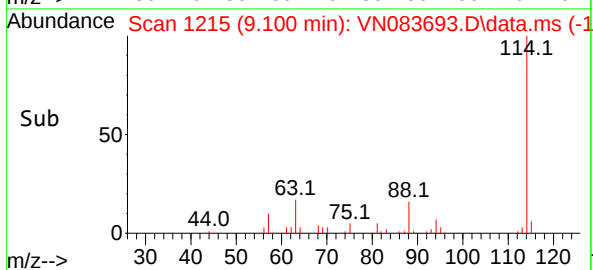
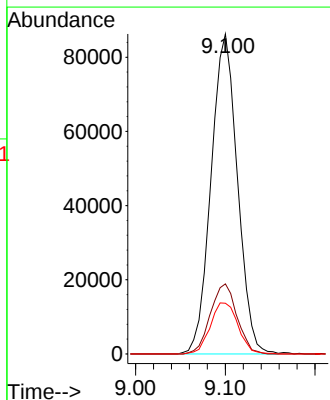
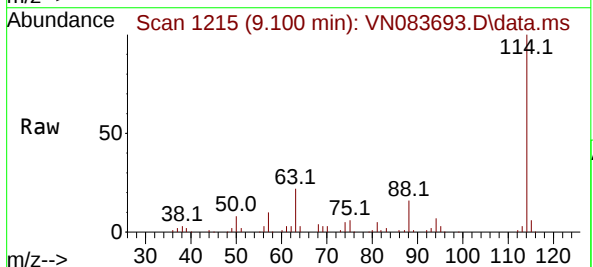
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

Tgt Ion:114 Resp: 176233
Ion Ratio Lower Upper
114 100
63 22.1 15.9 23.9
88 16.8 12.7 19.1





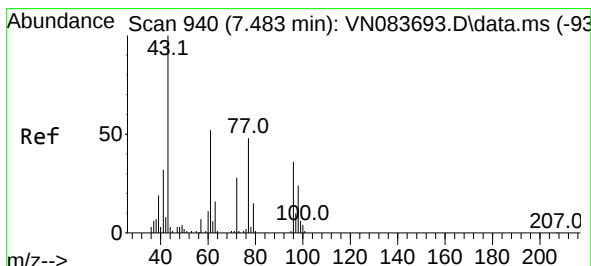
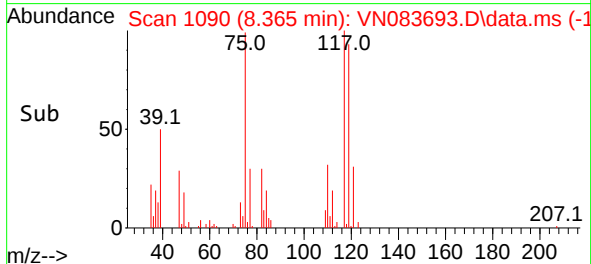
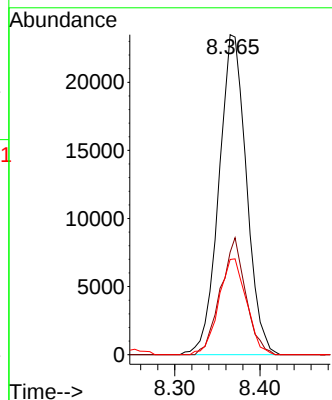
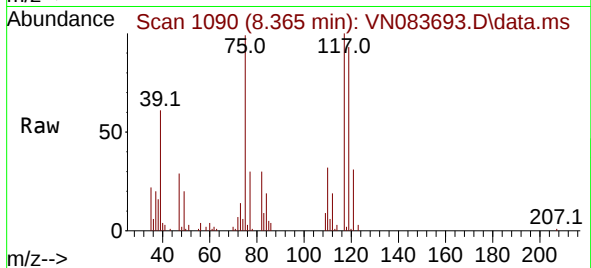
#29
1,1-Dichloropropene
Concen: 18.850 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 75	Resp: 5269
Ion Ratio	Lower Upper
75 100	
110 33.4	0.0 70.2
77 30.2	0.0 61.4

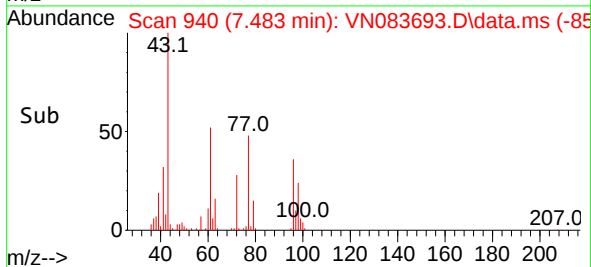
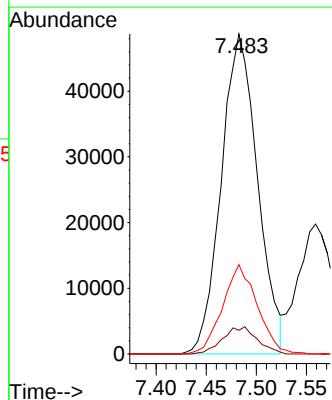
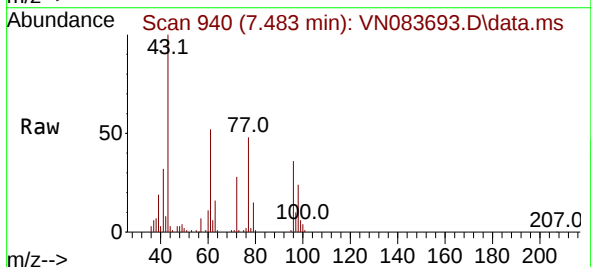
Manual Integrations
APPROVED

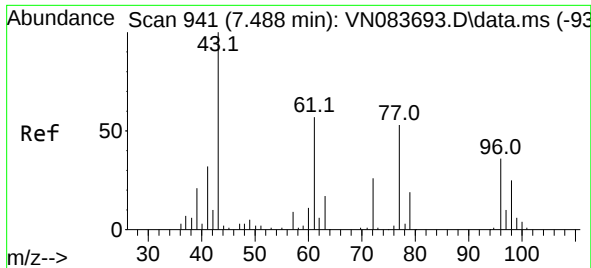
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#30
2-Butanone
Concen: 93.220 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

Tgt Ion: 43	Resp: 122833
Ion Ratio	Lower Upper
43 100	
57 8.1	6.7 10.1
72 26.7	24.0 36.0





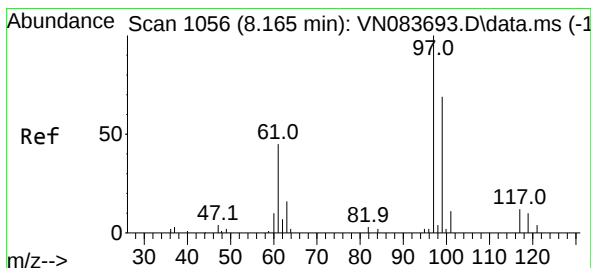
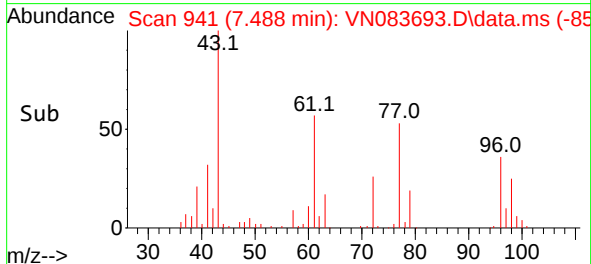
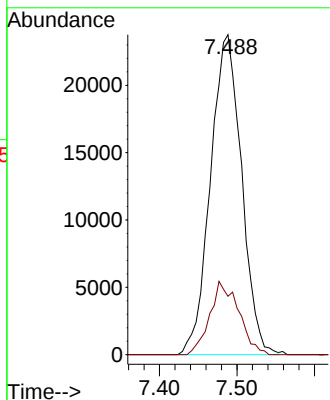
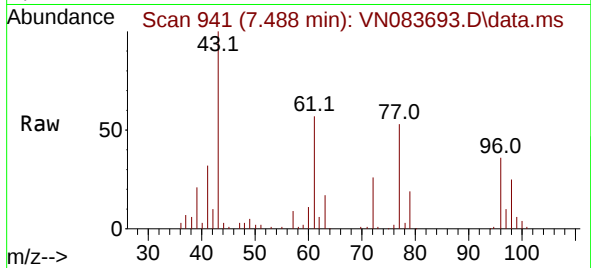
#31
2,2-Dichloropropane
Concen: 18.612 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 77 Resp: 66330
Ion Ratio Lower Upper
77 100
97 13.5 18.3 27.5

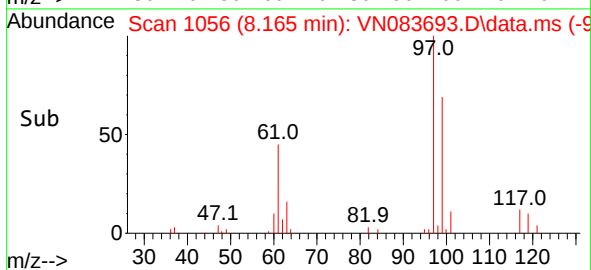
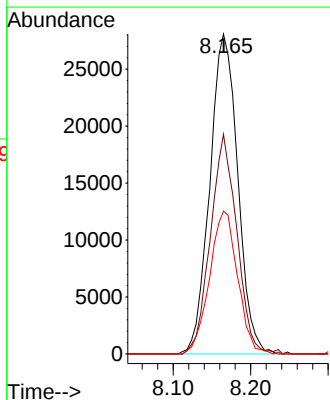
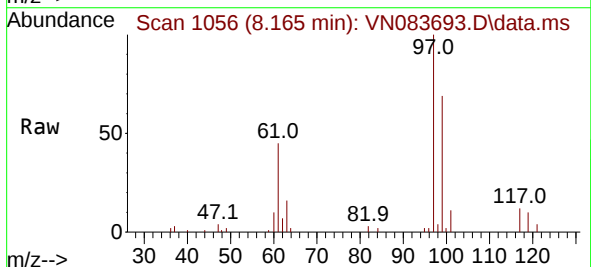
Manual Integrations
APPROVED

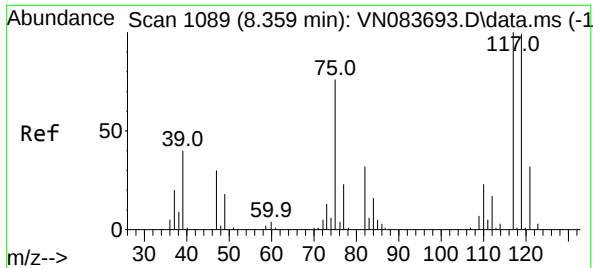
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#32
1,1,1-Trichloroethane
Concen: 18.870 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

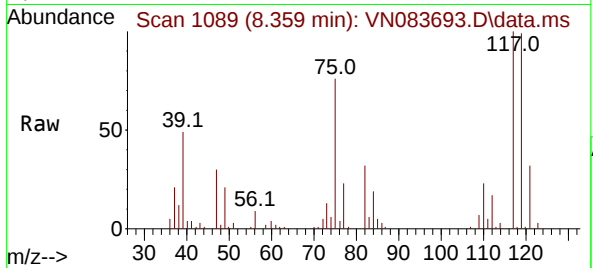
Tgt Ion: 97 Resp: 70442
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.4
61 44.7 33.8 50.8





#33
Carbon Tetrachloride
Concen: 18.621 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

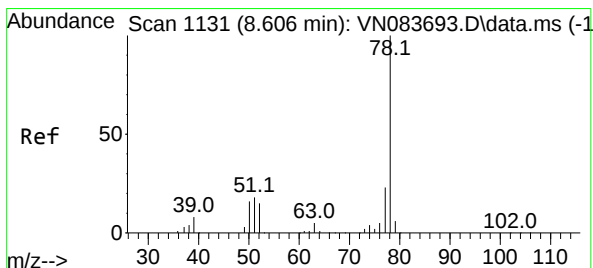
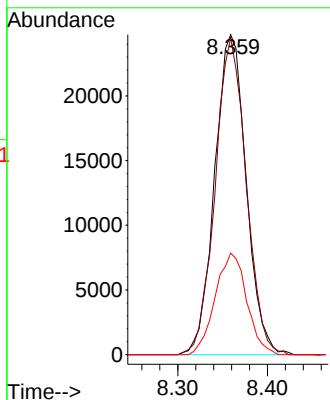
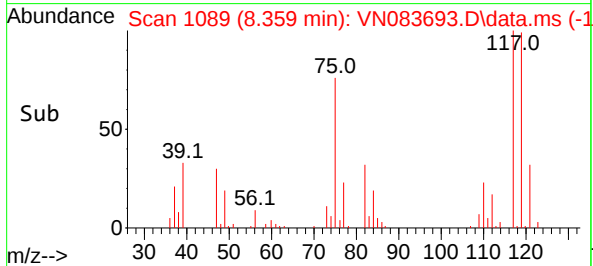
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:117 Resp: 60200
Ion Ratio Lower Upper
117 100
119 99.0 77.7 116.5
121 31.8 27.0 40.6

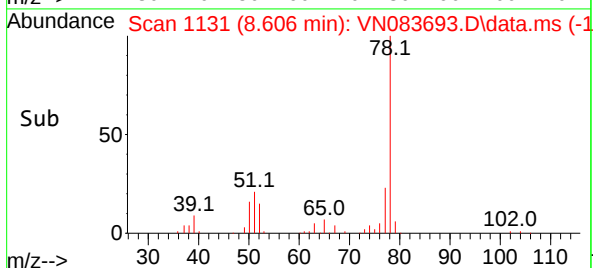
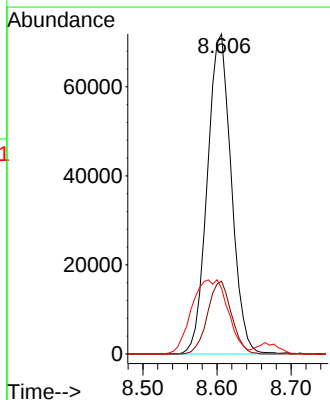
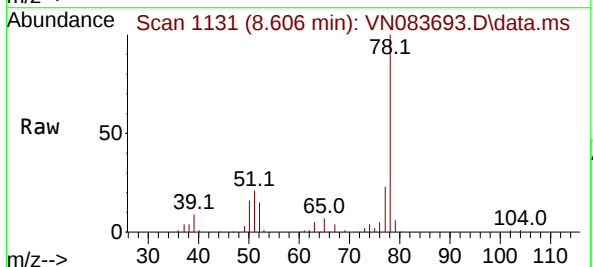
Manual Integrations
APPROVED

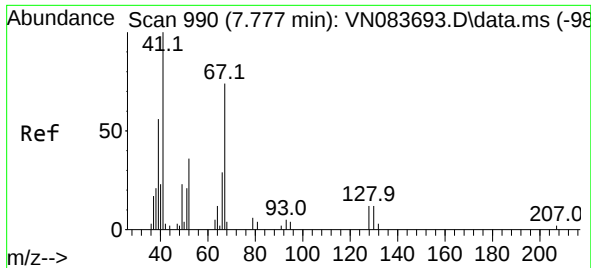
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#34
Benzene
Concen: 19.233 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

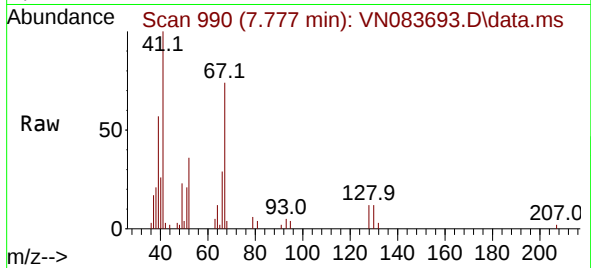
Tgt Ion: 78 Resp: 161311
Ion Ratio Lower Upper
78 100
77 22.7 19.2 28.8
51 18.6 13.3 19.9





#35
Methacrylonitrile
Concen: 19.371 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

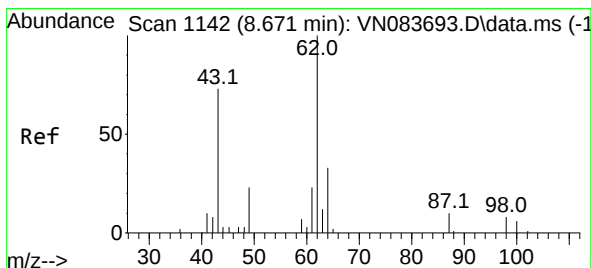
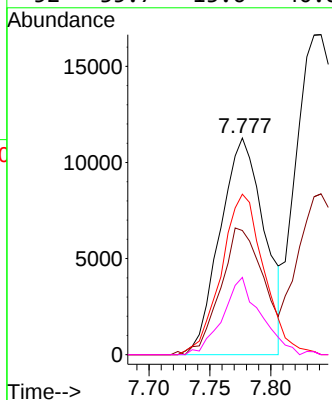
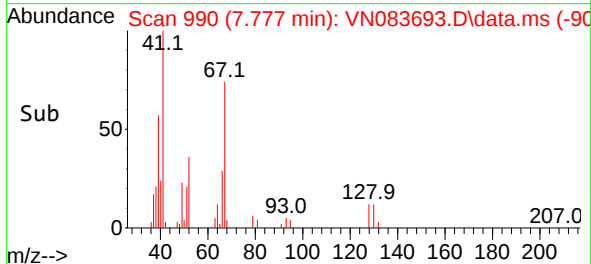
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 41 Resp: 2869
Ion Ratio Lower Upper
41 100
39 55.8 25.3 75.9
67 74.1 38.7 116.1
52 35.7 13.6 40.8

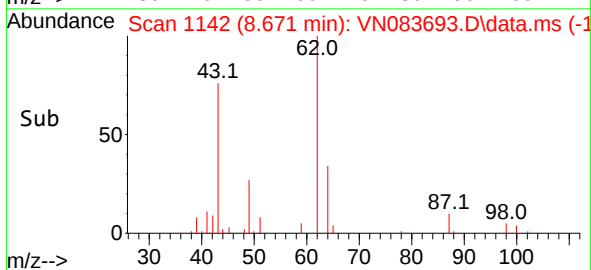
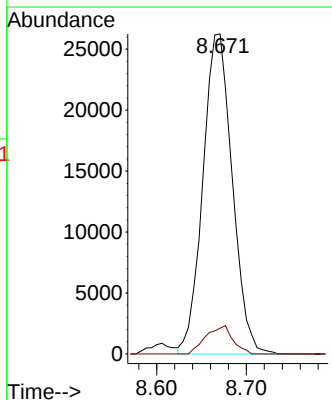
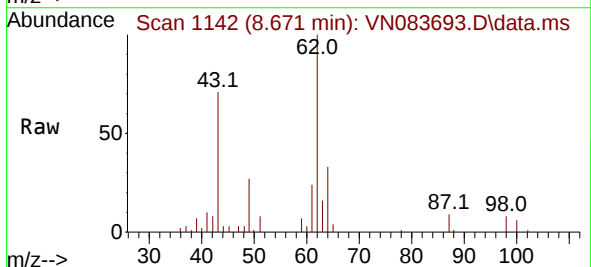
Manual Integrations
APPROVED

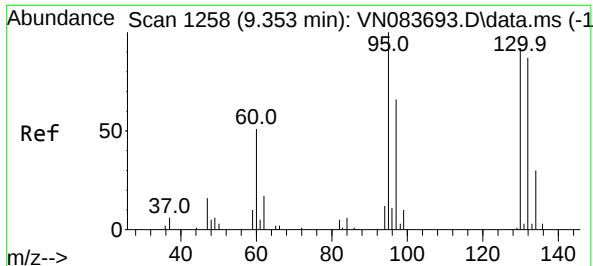
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#36
1,2-Dichloroethane
Concen: 18.953 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

Tgt Ion: 62 Resp: 59759
Ion Ratio Lower Upper
62 100
98 8.1 8.2 12.4#





#37

Trichloroethene

Concen: 18.466 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083693.D

Acq: 06 Sep 2024 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:130 Resp: 36370

Ion Ratio Lower Upper

130 100

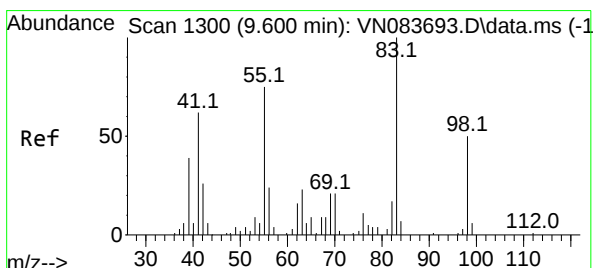
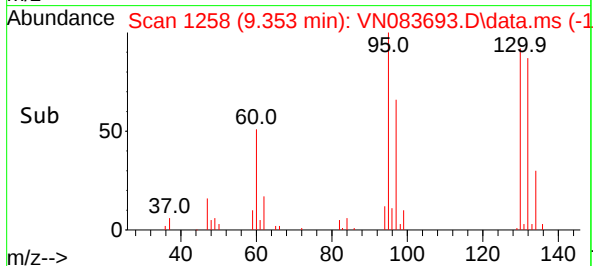
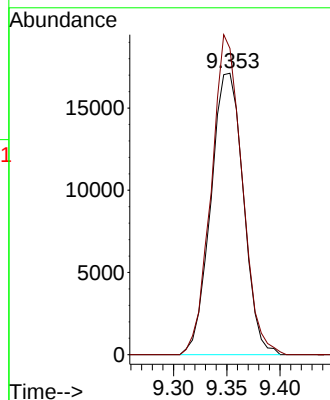
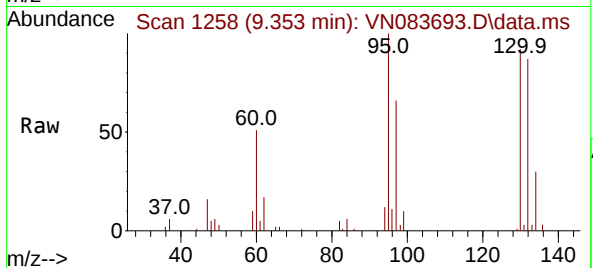
95 108.8 80.2 120.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2024

Supervised By :Mahesh Dadoda 09/09/2024



#38

Methylcyclohexane

Concen: 18.445 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN083693.D

Acq: 06 Sep 2024 13:10

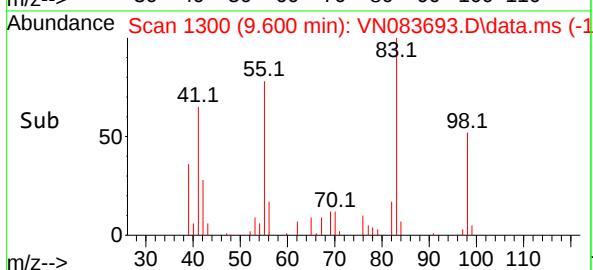
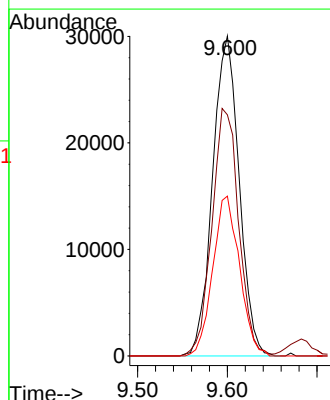
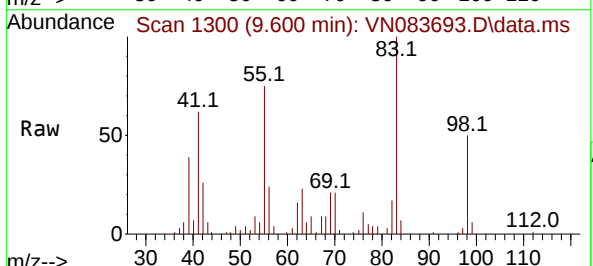
Tgt Ion: 83 Resp: 61729

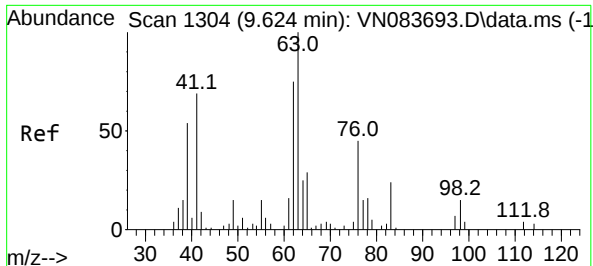
Ion Ratio Lower Upper

83 100

55 77.9 36.6 109.9

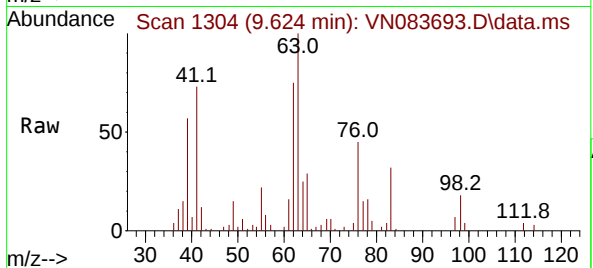
98 50.3 23.8 71.5





#39
1,2-Dichloropropane
Concen: 18.841 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

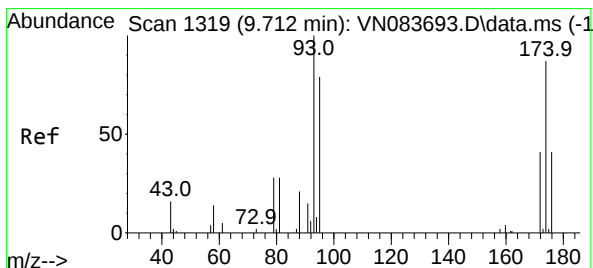
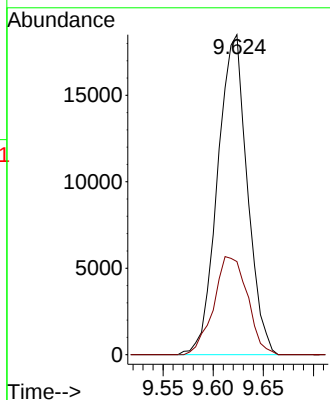
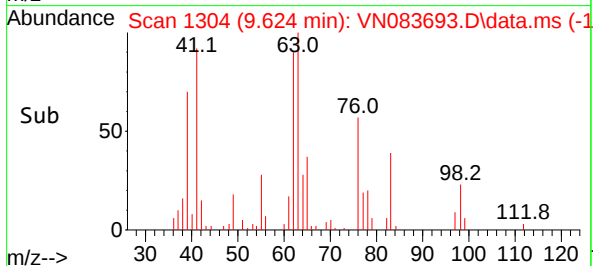
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 63 Resp: 3803
Ion Ratio Lower Upper
63 100
65 29.1 25.0 37.4

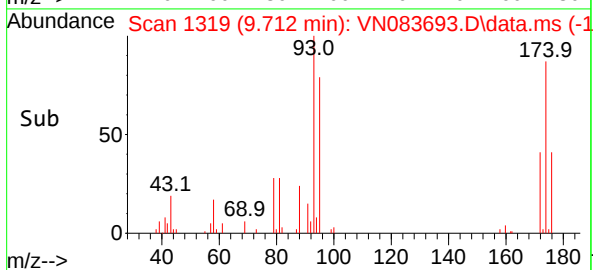
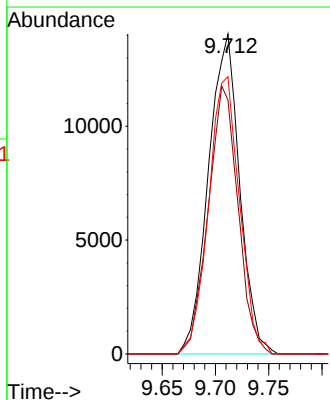
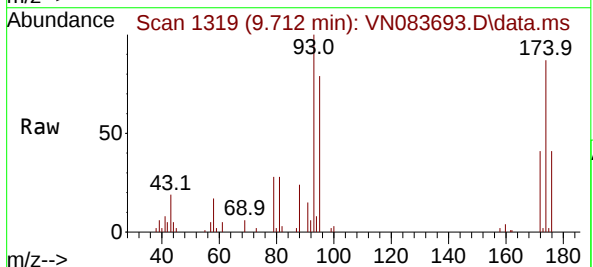
Manual Integrations
APPROVED

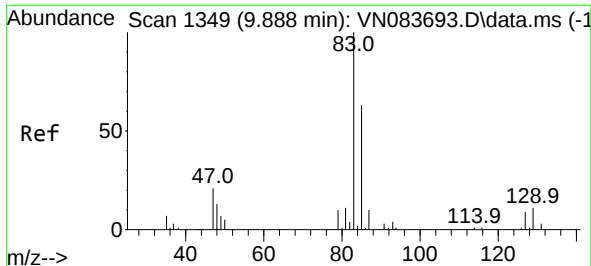
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#40
Dibromomethane
Concen: 19.436 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

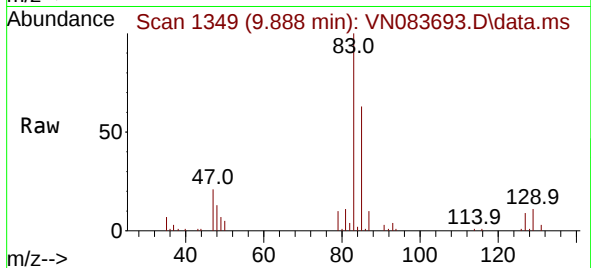
Tgt Ion: 93 Resp: 28687
Ion Ratio Lower Upper
93 100
95 79.7 0.0 164.6
174 85.7 0.0 193.2





#41
Bromodichloromethane
Concen: 18.613 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

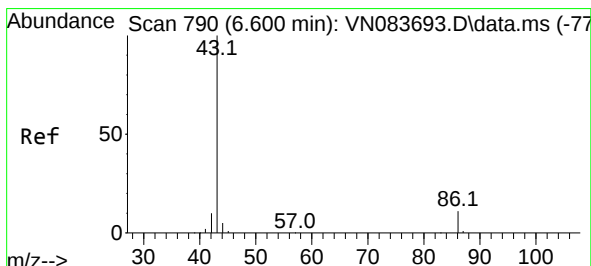
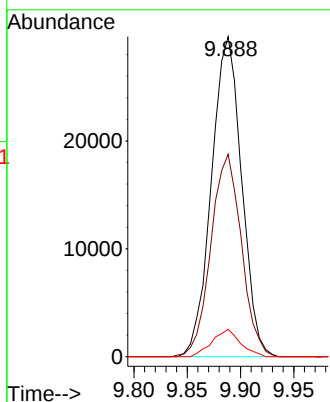
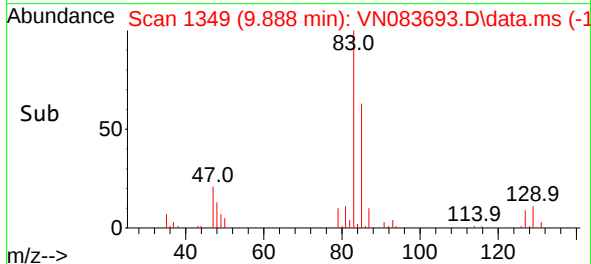
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 5841
Ion Ratio Lower Upper
83 100
85 63.2 49.4 74.2
127 8.6 7.3 10.9

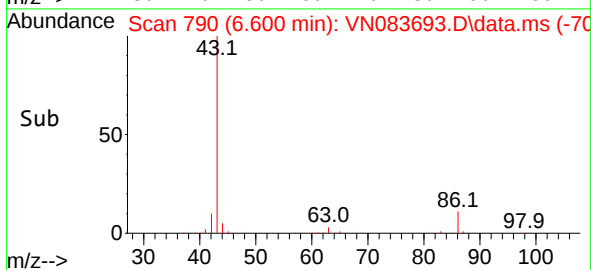
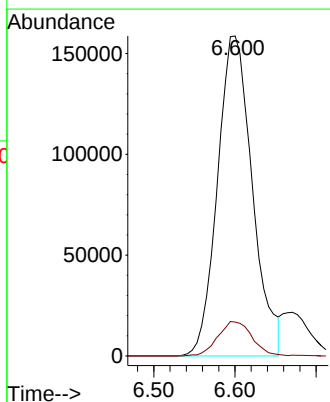
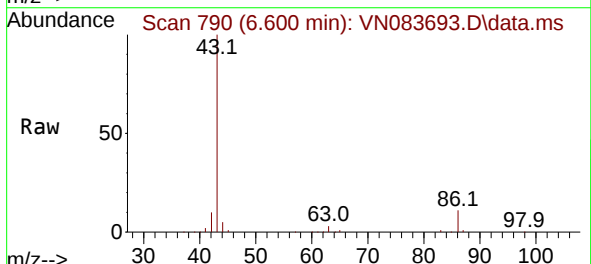
Manual Integrations
APPROVED

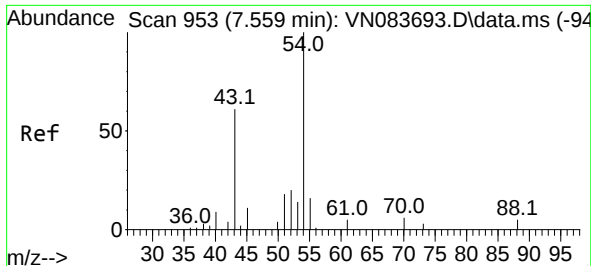
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#42
Vinyl Acetate
Concen: 87.559 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

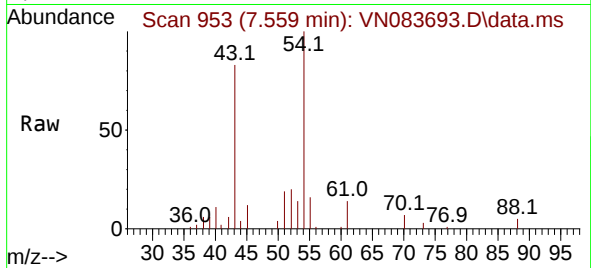
Tgt Ion: 43 Resp: 474357
Ion Ratio Lower Upper
43 100
86 10.5 9.4 14.2





#43
Ethyl Acetate
Concen: 19.067 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

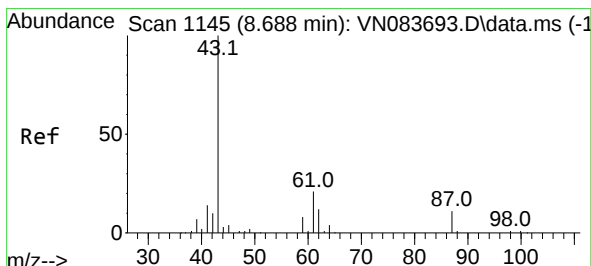
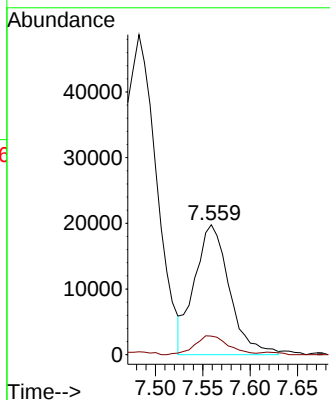
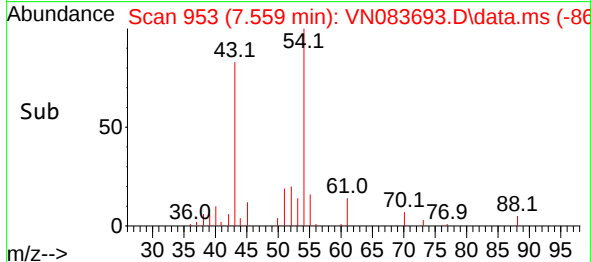
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 5056
Ion Ratio Lower Upper
43 100
45 13.9 10.6 15.8

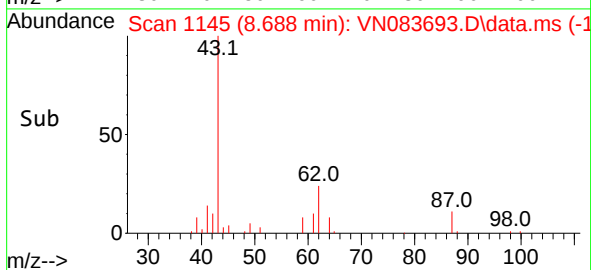
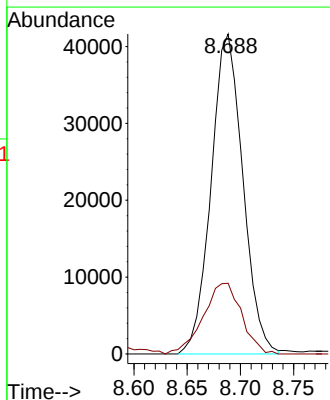
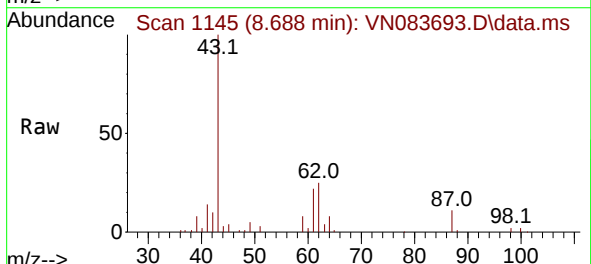
Manual Integrations
APPROVED

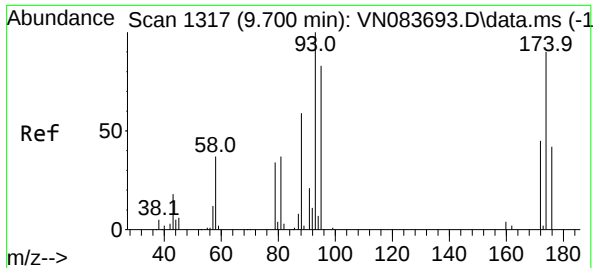
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#44
Isopropyl Acetate
Concen: 18.813 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

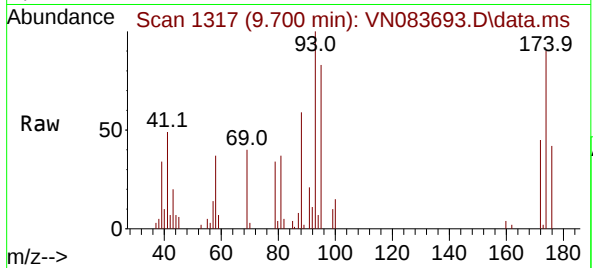
Tgt Ion: 43 Resp: 86297
Ion Ratio Lower Upper
43 100
61 26.6 25.0 37.4





#45
1,4-Dioxane
Concen: 401.944 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

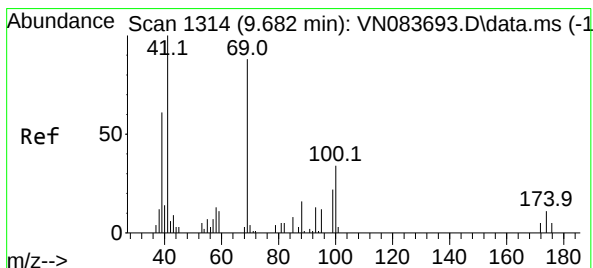
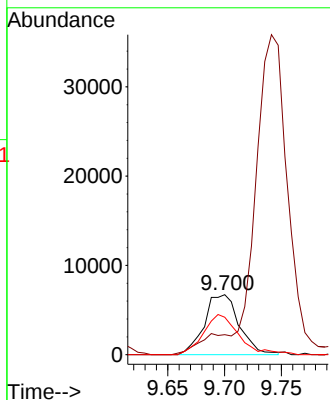
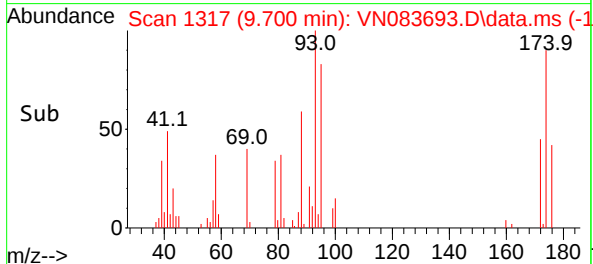
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 88 Resp: 1438
Ion Ratio Lower Upper
88 100
43 32.5 19.8 29.6
58 63.9 55.4 83.0

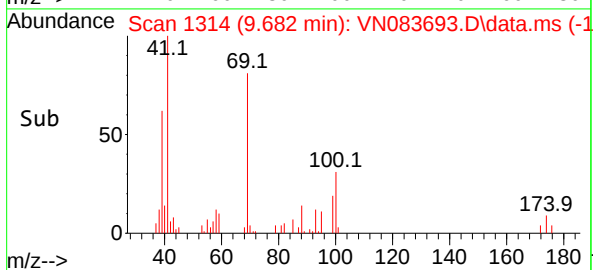
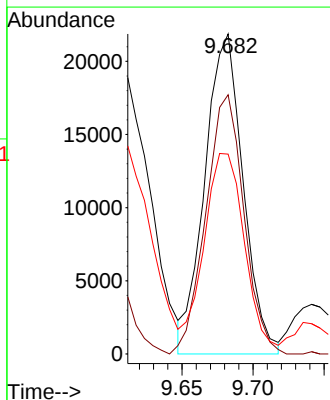
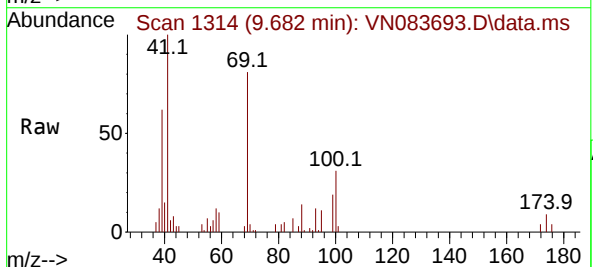
Manual Integrations
APPROVED

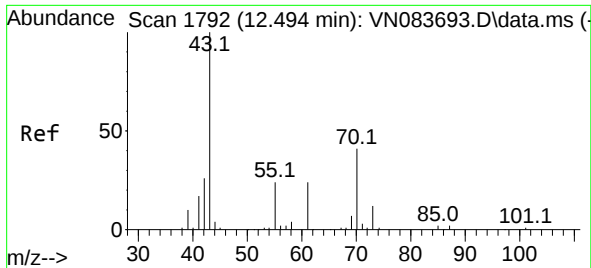
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#46
Methyl methacrylate
Concen: 18.454 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

Tgt Ion: 41 Resp: 40975
Ion Ratio Lower Upper
41 100
69 82.6 51.1 153.3
39 62.0 25.8 77.3





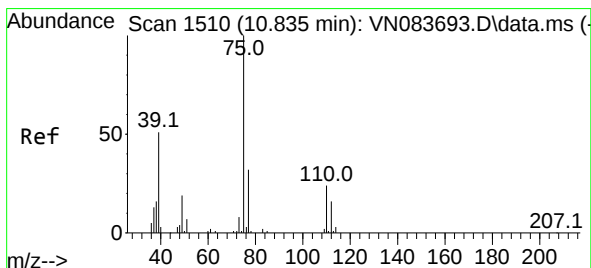
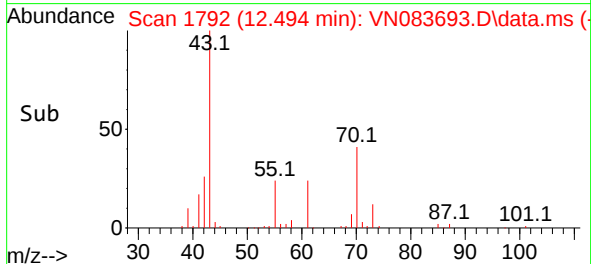
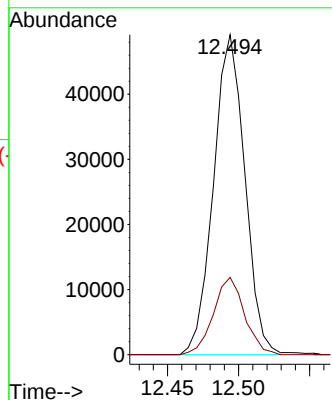
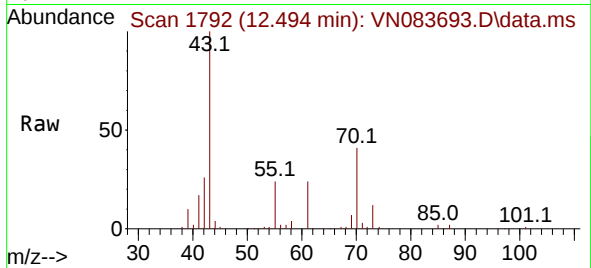
#47
n-amyl Acetate
Concen: 18.534 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 43 Resp: 7531
Ion Ratio Lower Upper
43 100
55 24.0 23.4 35.2

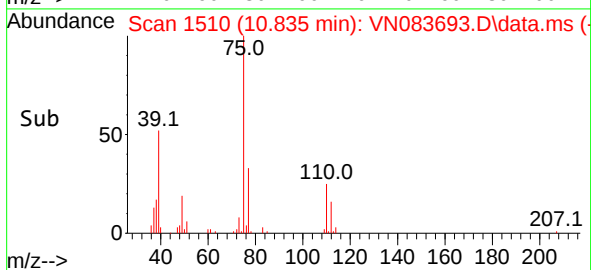
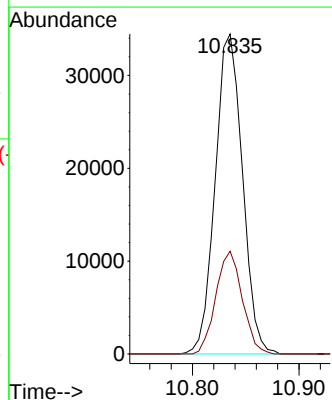
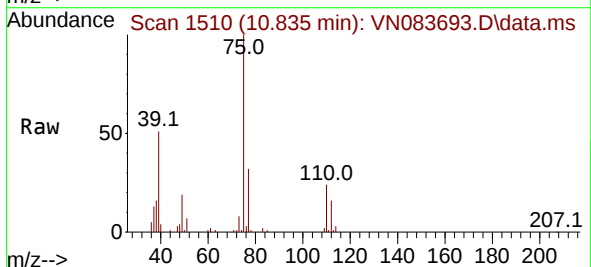
Manual Integrations
APPROVED

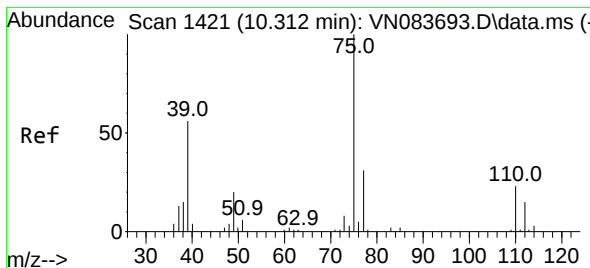
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#48
t-1,3-Dichloropropene
Concen: 18.544 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

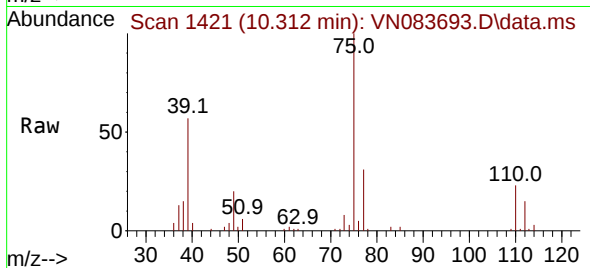
Tgt Ion: 75 Resp: 61220
Ion Ratio Lower Upper
75 100
77 32.1 23.8 35.6





#49
 cis-1,3-Dichloropropene
 Concen: 18.419 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN083693.D
 Acq: 06 Sep 2024 13:10

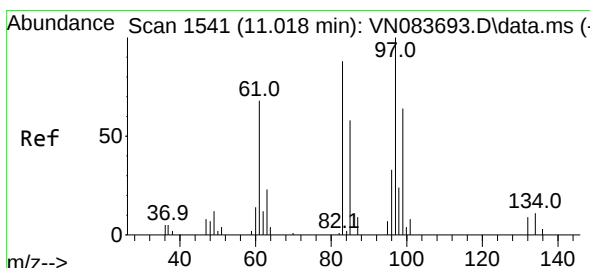
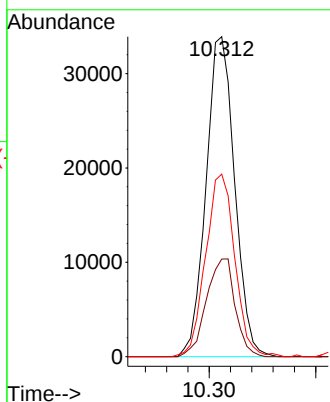
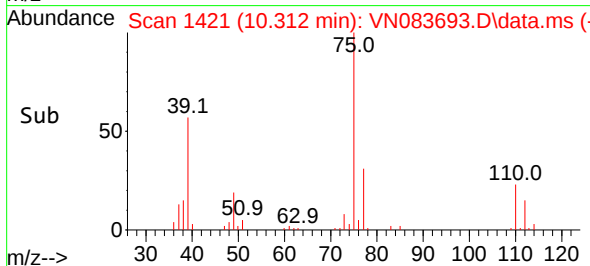
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



Tgt Ion: 75 Resp: 63240
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.9 37.3
 39 56.5 31.0 46.6

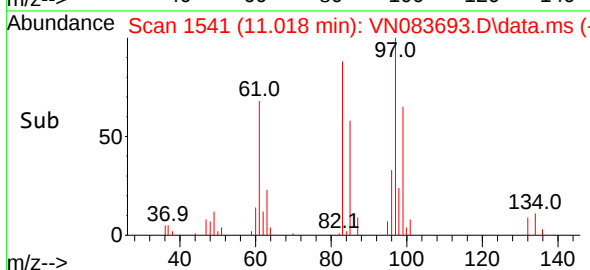
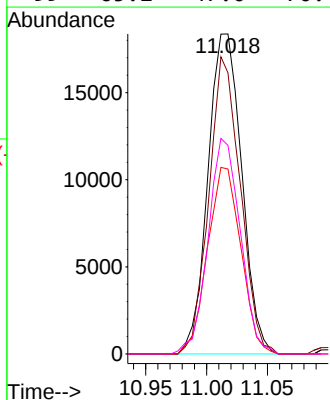
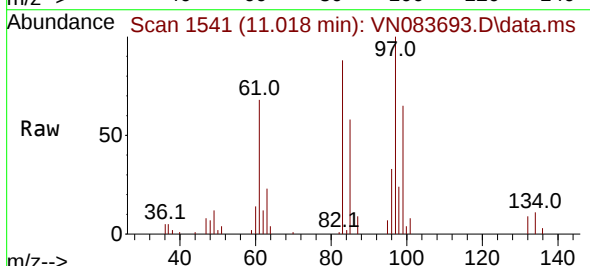
Manual Integrations
 APPROVED

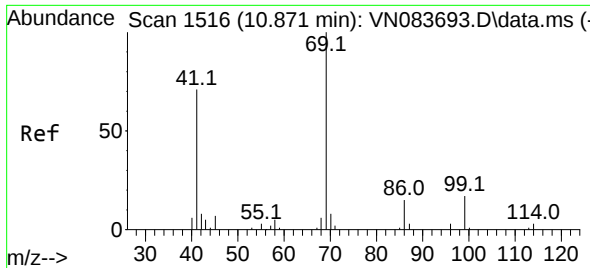
Reviewed By :John Carlone 09/09/2024
 Supervised By :Mahesh Dadoda 09/09/2024



#50
 1,1,2-Trichloroethane
 Concen: 18.885 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN083693.D
 Acq: 06 Sep 2024 13:10

Tgt Ion: 97 Resp: 35468
 Ion Ratio Lower Upper
 97 100
 83 87.8 68.1 102.1
 85 57.8 41.8 62.6
 99 65.2 47.0 70.4





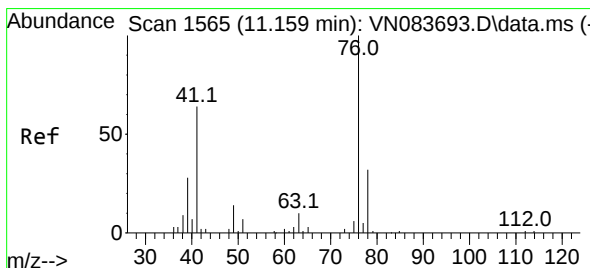
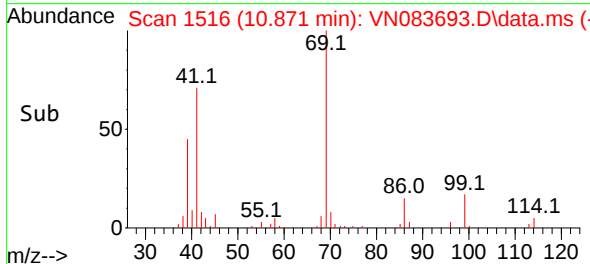
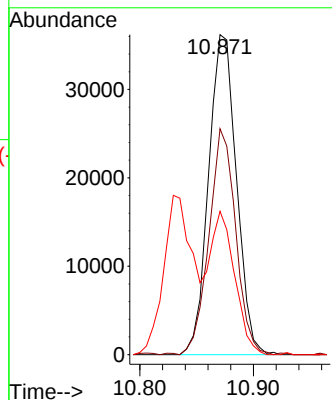
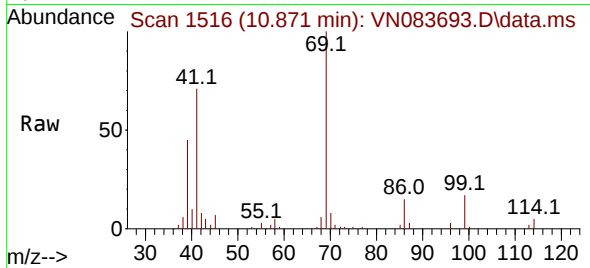
#51
Ethyl methacrylate
Concen: 19.248 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 69 Resp: 61759
Ion Ratio Lower Upper
69 100
41 70.6 25.5 76.5
39 44.8 16.0 47.9

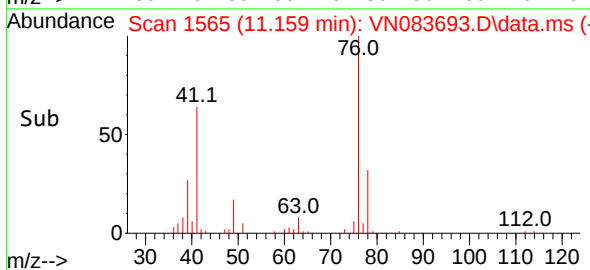
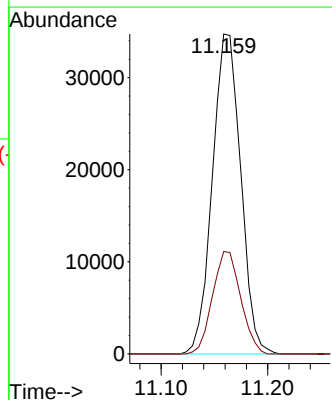
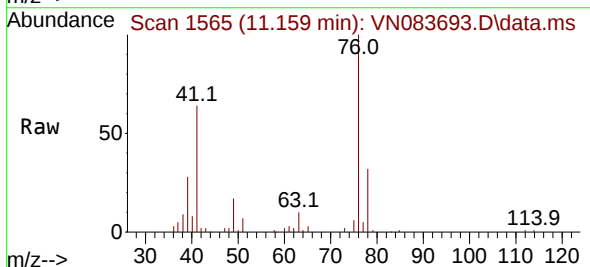
Manual Integrations
APPROVED

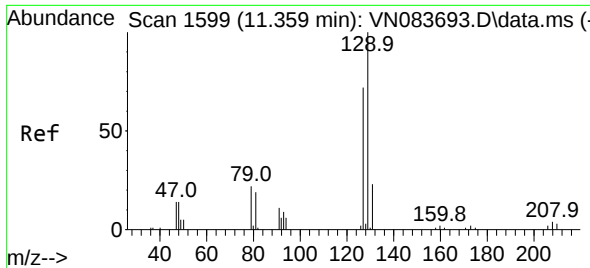
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#52
1,3-Dichloropropane
Concen: 18.927 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

Tgt Ion: 76 Resp: 64193
Ion Ratio Lower Upper
76 100
78 31.7 0.0 65.8





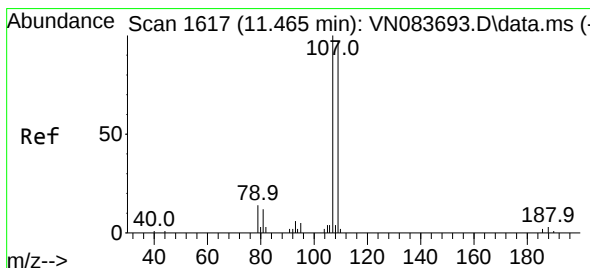
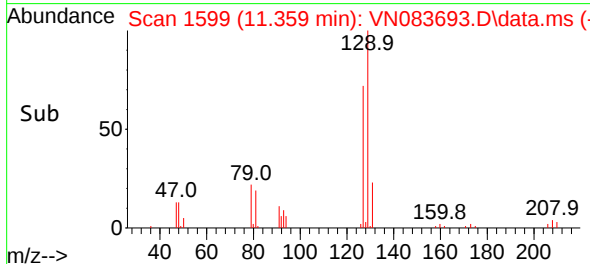
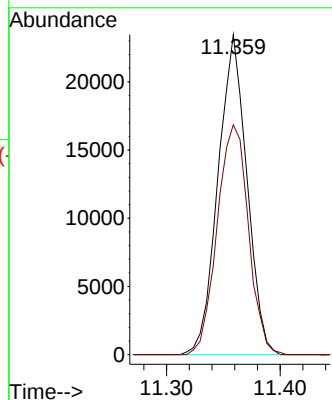
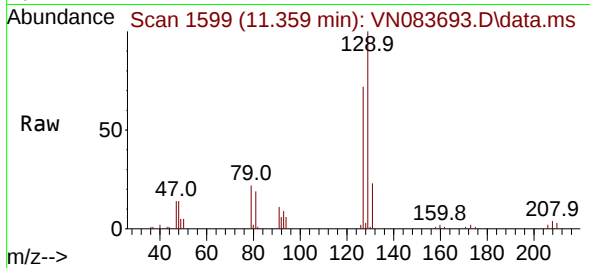
#53
Dibromochloromethane
Concen: 18.370 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:129 Resp: 4138
Ion Ratio Lower Upper
129 100
127 77.6 39.4 118.1

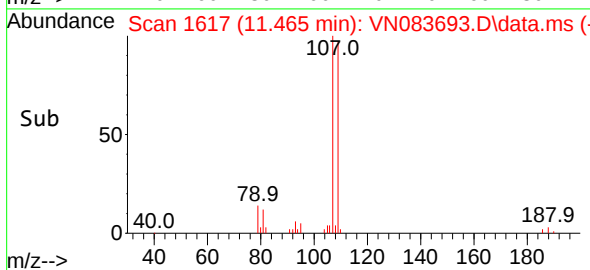
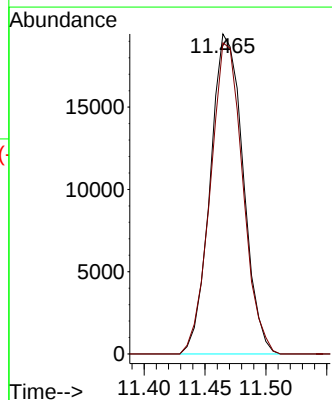
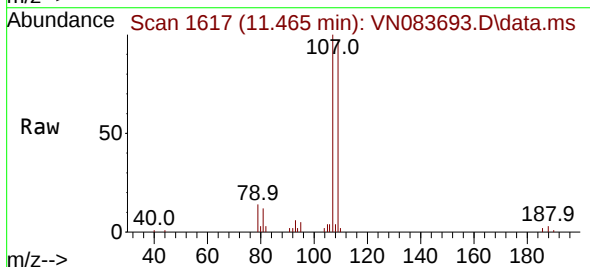
Manual Integrations
APPROVED

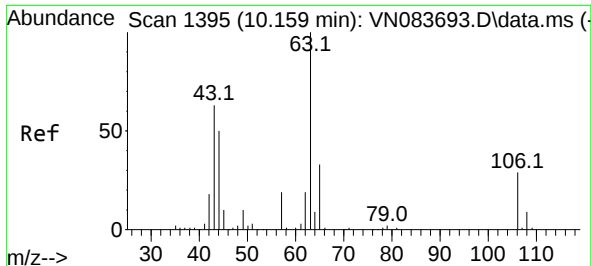
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#54
1,2-Dibromoethane
Concen: 18.766 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

Tgt Ion:107 Resp: 36461
Ion Ratio Lower Upper
107 100
109 96.1 74.7 112.1





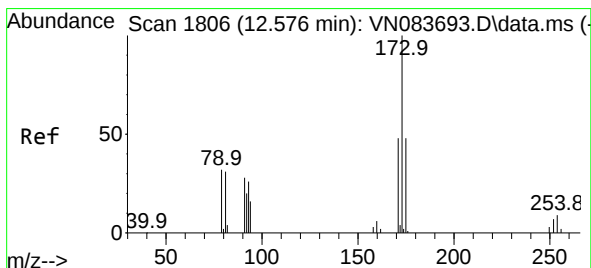
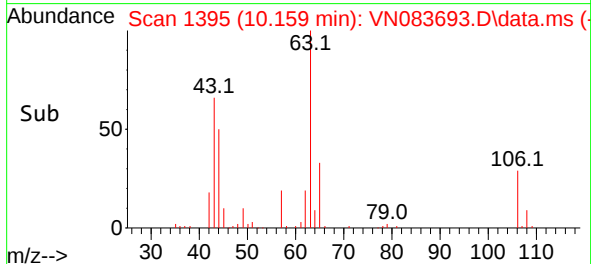
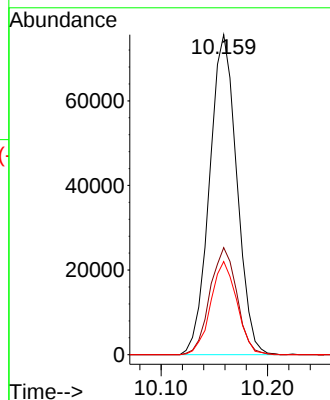
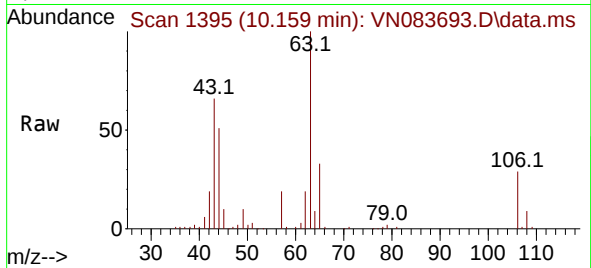
#55
2-Chloroethyl vinyl ether
Concen: 105.251 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 13458
Ion Ratio Lower Upper
63 100
65 33.1 26.2 39.2
106 28.1 23.8 35.8

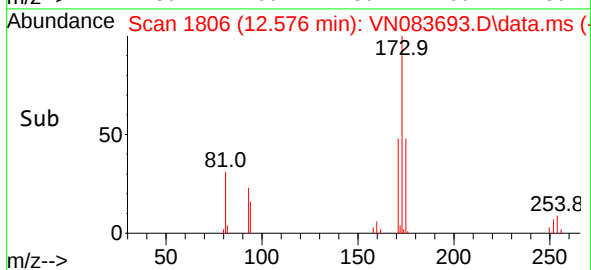
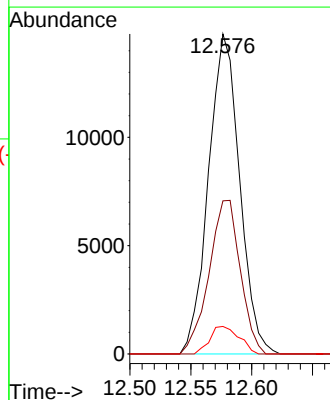
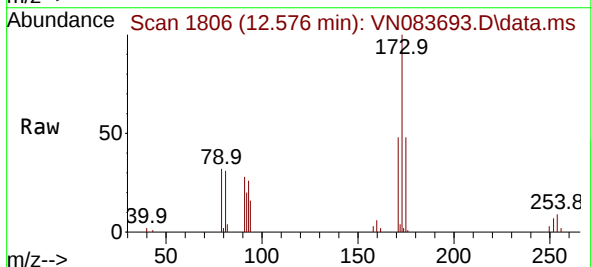
Manual Integrations
APPROVED

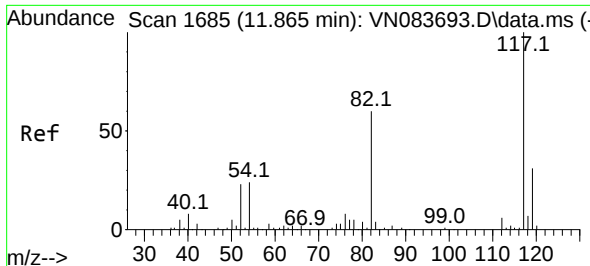
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#56
Bromoform
Concen: 18.346 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

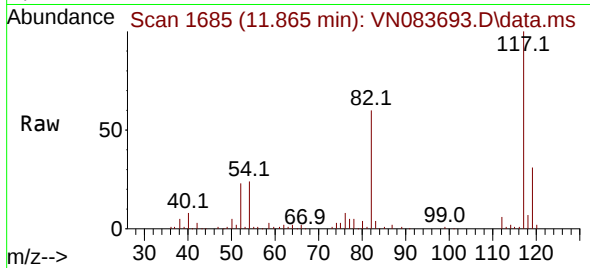
Tgt Ion:173 Resp: 26256
Ion Ratio Lower Upper
173 100
175 48.2 40.0 60.0
254 8.1 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

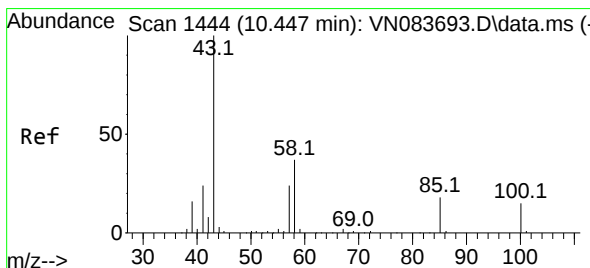
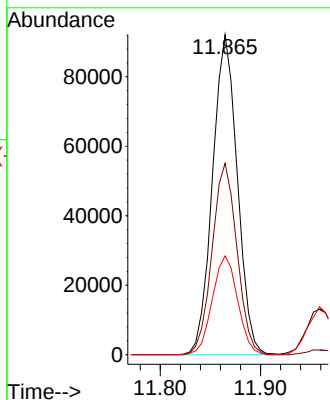
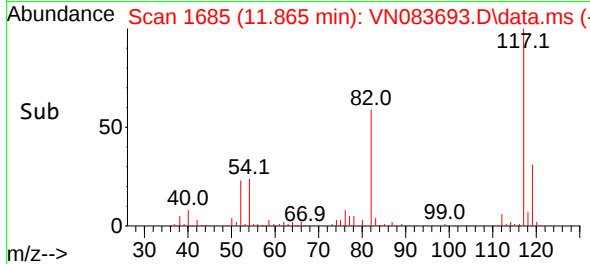
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:117 Resp: 158490
Ion Ratio Lower Upper
117 100
82 59.7 46.6 69.8
119 31.4 25.4 38.2

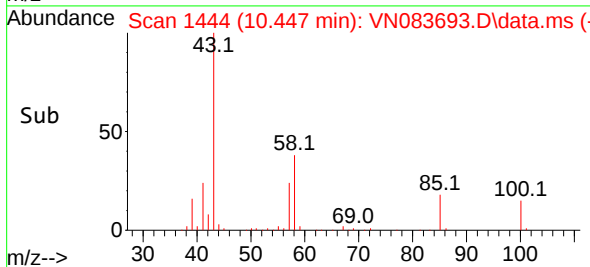
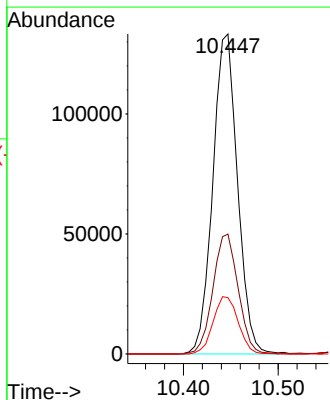
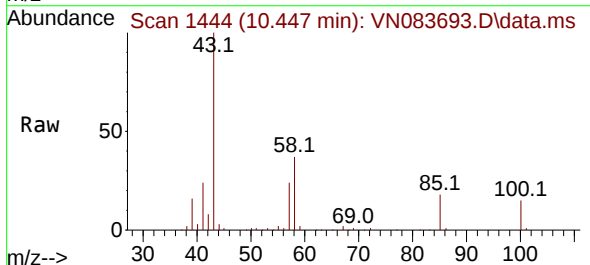
Manual Integrations
APPROVED

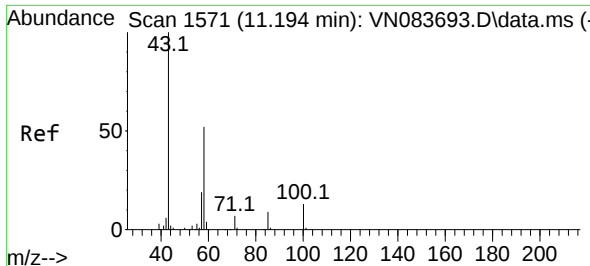
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#58
4-Methyl-2-Pentanone
Concen: 96.239 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

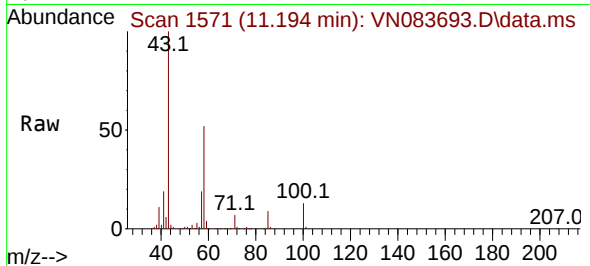
Tgt Ion: 43 Resp: 241862
Ion Ratio Lower Upper
43 100
58 38.2 36.5 54.7
85 18.2 19.5 29.3#





#59
2-Hexanone
Concen: 94.485 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

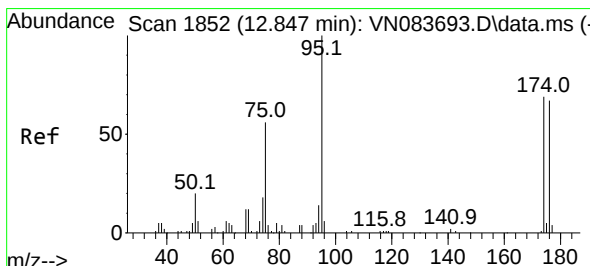
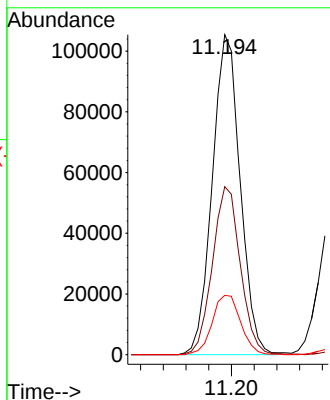
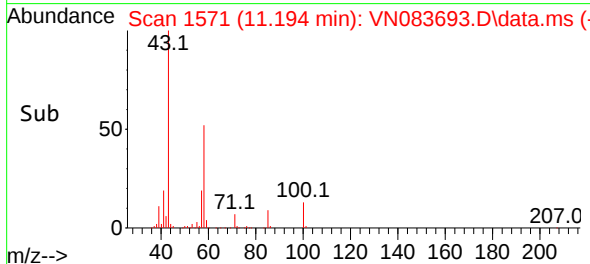
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 179424
Ion Ratio Lower Upper
43 100
58 52.6 50.4 75.6
57 19.0 18.6 27.8

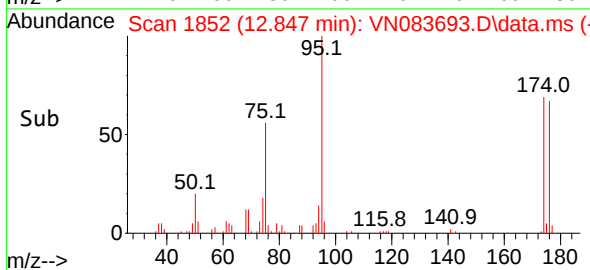
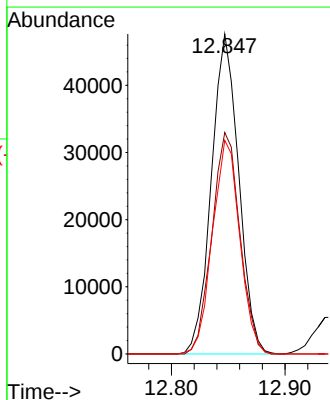
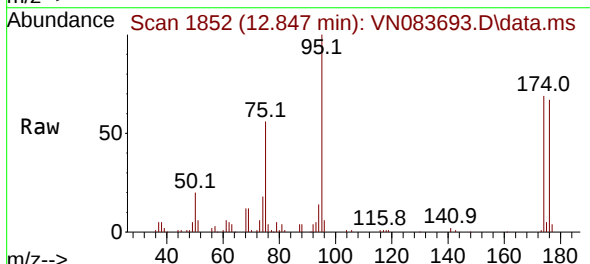
Manual Integrations
APPROVED

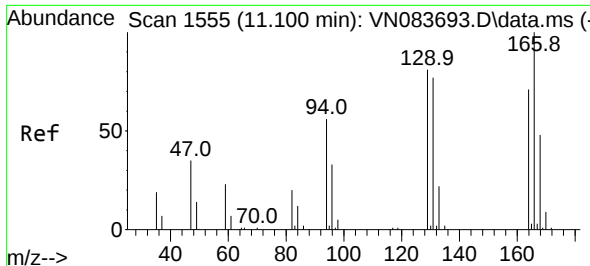
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#60
4-Bromofluorobenzene
Concen: 29.160 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

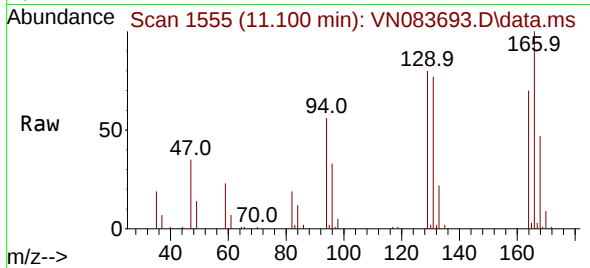
Tgt Ion: 95 Resp: 79655
Ion Ratio Lower Upper
95 100
174 70.7 60.5 90.7
176 66.8 57.8 86.6





#61
Tetrachloroethene
Concen: 18.311 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

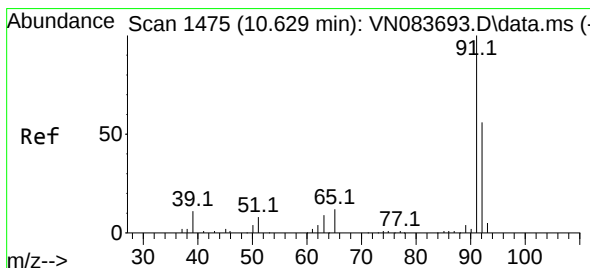
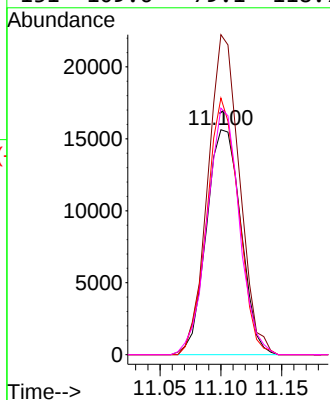
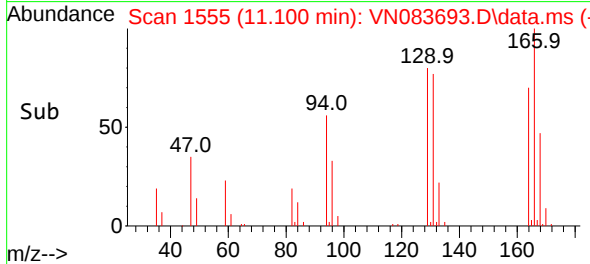
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:164 Resp: 30715
Ion Ratio Lower Upper
164 100
166 142.2 106.7 160.1
129 114.0 85.8 128.6
131 109.6 79.1 118.7

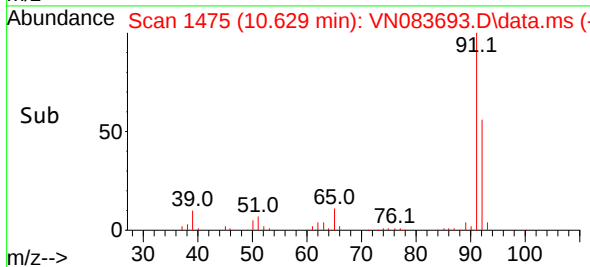
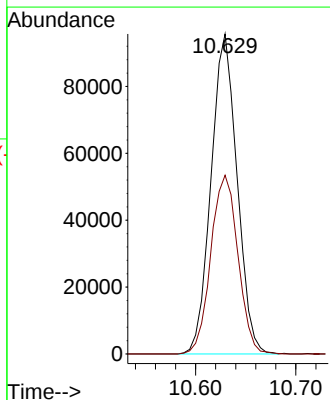
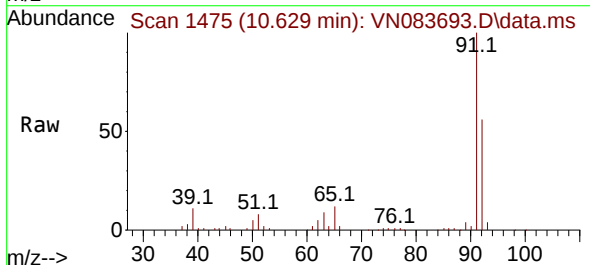
Manual Integrations
APPROVED

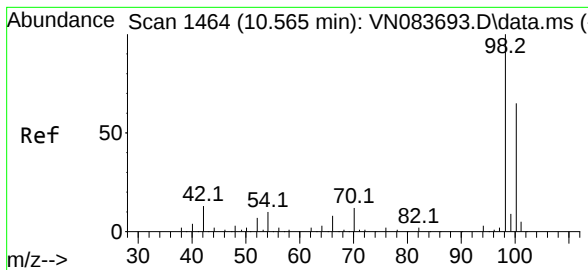
Reviewed By :John Carbone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#62
Toluene
Concen: 18.940 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

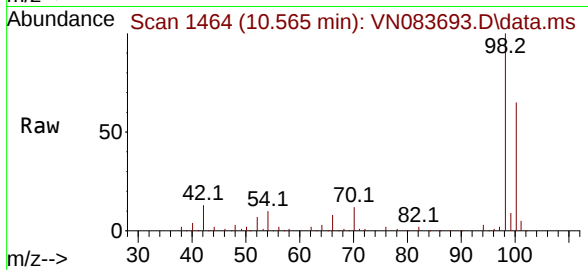
Tgt Ion: 91 Resp: 172549
Ion Ratio Lower Upper
91 100
92 58.1 46.5 69.7





#63
Toluene-d8
Concen: 29.913 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

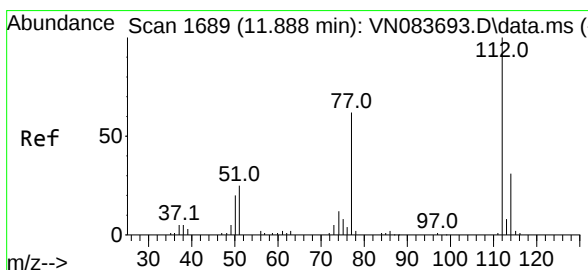
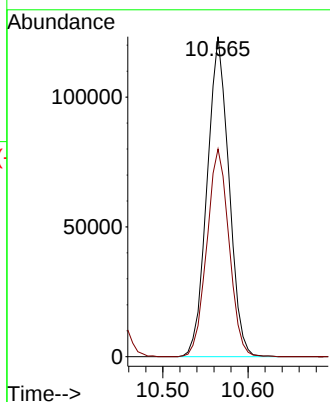
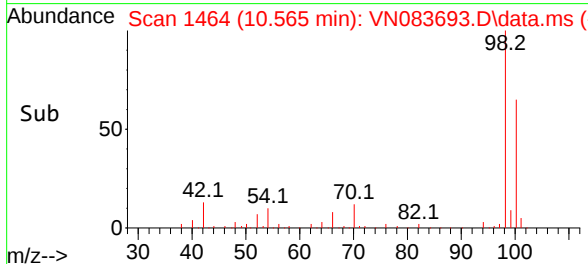
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



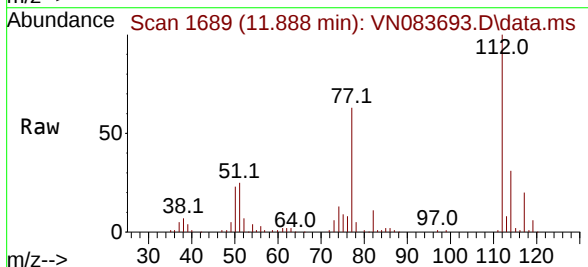
Tgt Ion: 98 Resp: 219528
Ion Ratio Lower Upper
98 100
100 66.0 52.7 79.1

Manual Integrations
APPROVED

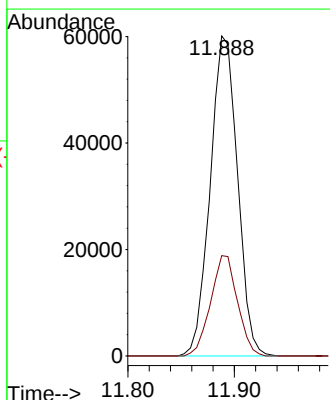
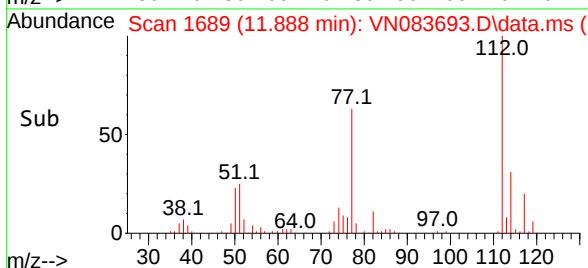
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024

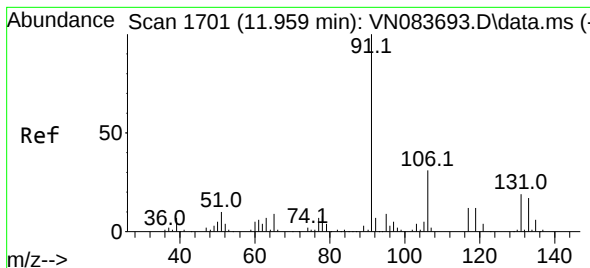


#64
Chlorobenzene
Concen: 18.991 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10



Tgt Ion:112 Resp: 107119
Ion Ratio Lower Upper
112 100
114 31.3 26.6 39.8





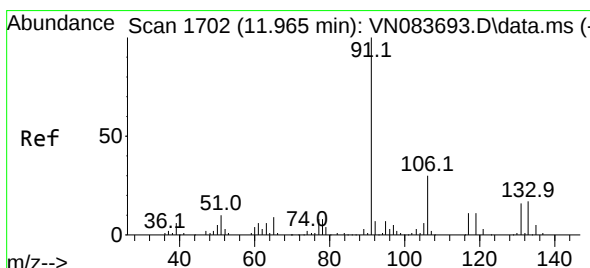
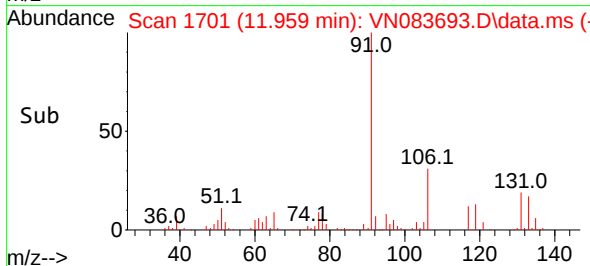
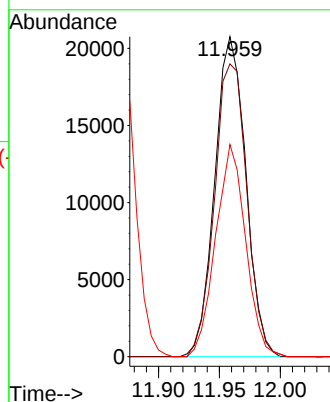
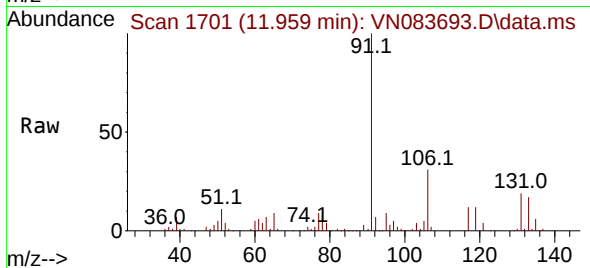
#65
1,1,1,2-Tetrachloroethane
Concen: 18.751 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:131 Resp: 3684
Ion Ratio Lower Upper
131 100
133 95.6 0.0 188.0
119 64.1 0.0 122.8

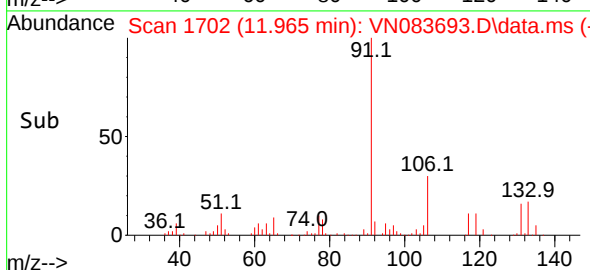
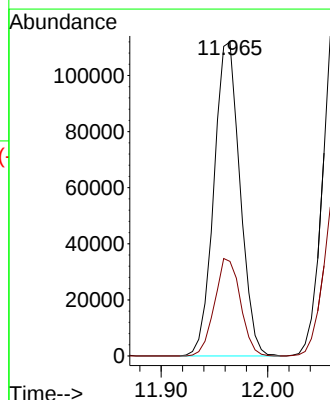
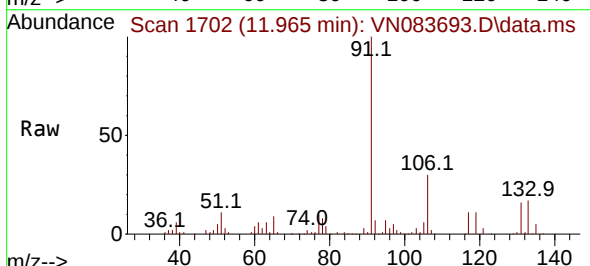
Manual Integrations
APPROVED

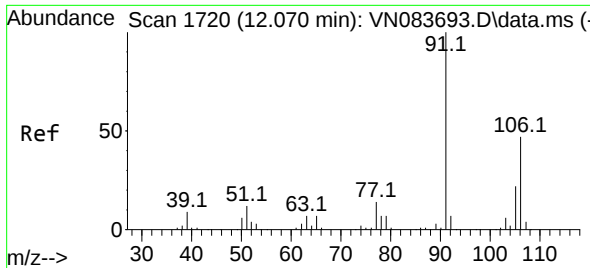
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#66
Ethyl Benzene
Concen: 18.353 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

Tgt Ion: 91 Resp: 190134
Ion Ratio Lower Upper
91 100
106 30.1 24.4 36.6





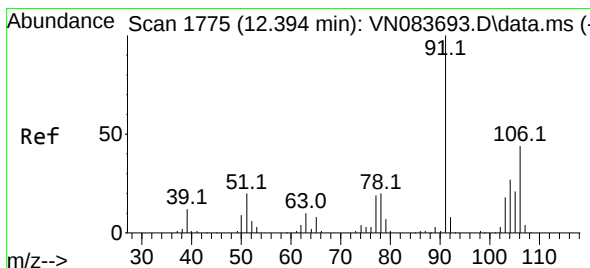
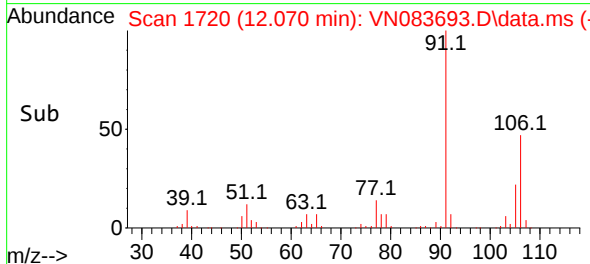
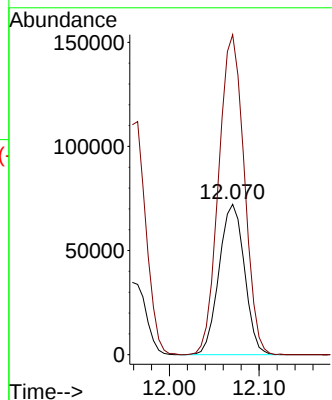
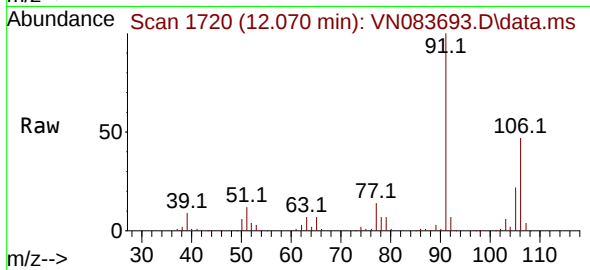
#67
m/p-Xylenes
Concen: 37.289 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 142120
Ion Ratio Lower Upper
106 100
91 213.8 166.6 249.8

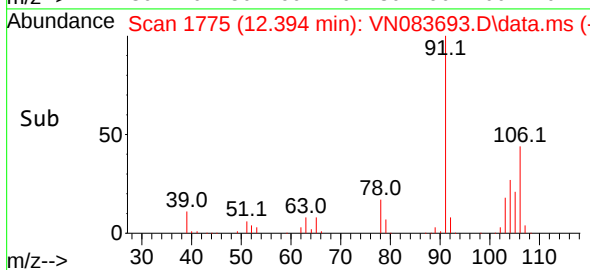
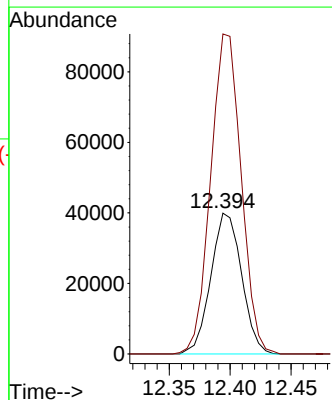
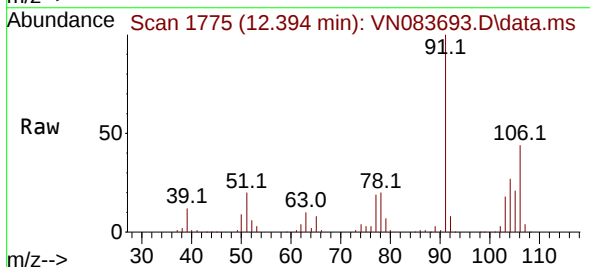
Manual Integrations
APPROVED

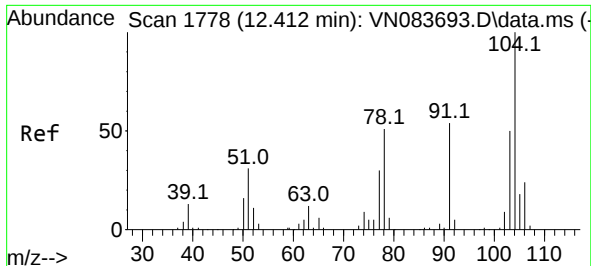
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#68
o-Xylene
Concen: 19.056 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

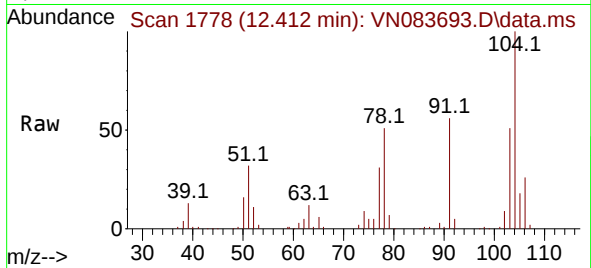
Tgt Ion:106 Resp: 70297
Ion Ratio Lower Upper
106 100
91 224.7 110.0 330.0





#69
Styrene
Concen: 18.681 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

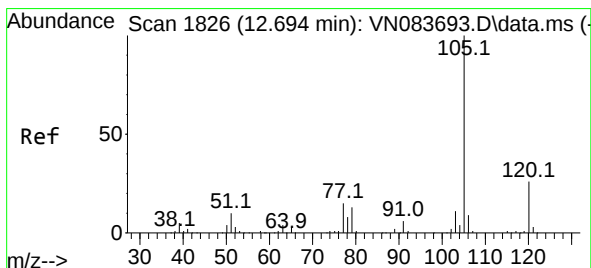
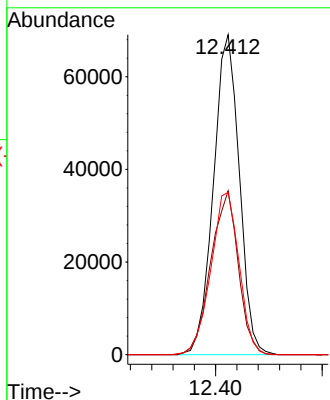
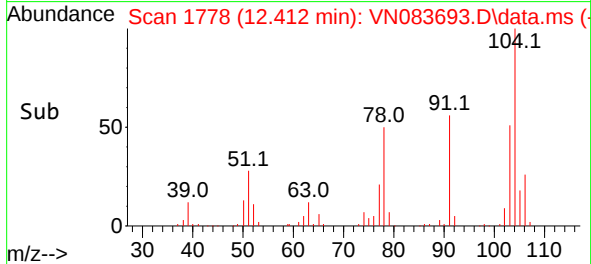
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



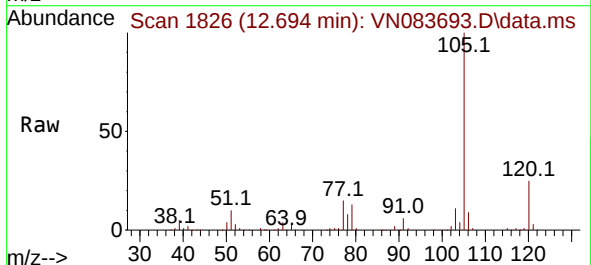
Tgt Ion:104 Resp: 116430
Ion Ratio Lower Upper
104 100
78 54.2 42.6 64.0
103 55.1 43.7 65.5

Manual Integrations
APPROVED

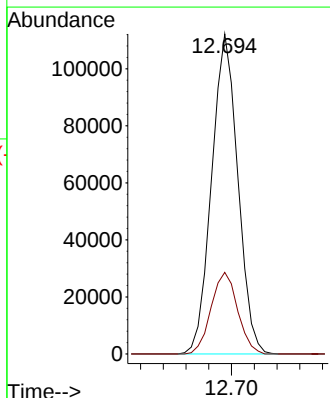
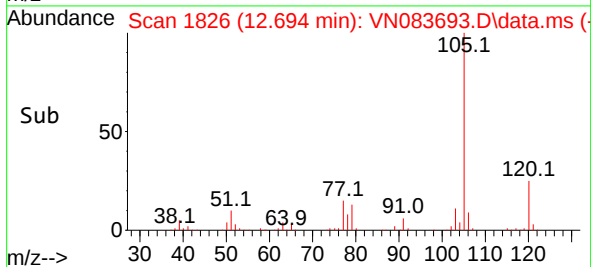
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024

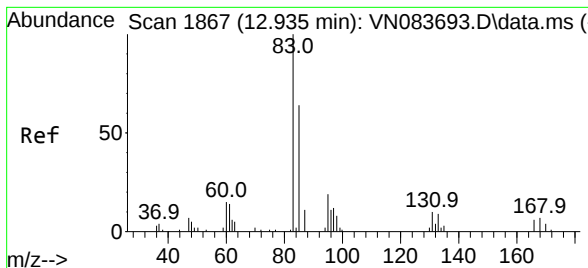


#70
Isopropylbenzene
Concen: 18.451 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10



Tgt Ion:105 Resp: 179621
Ion Ratio Lower Upper
105 100
120 25.8 17.8 33.1





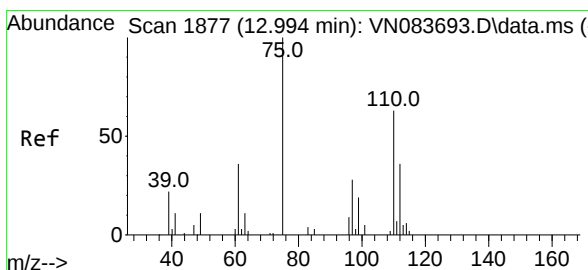
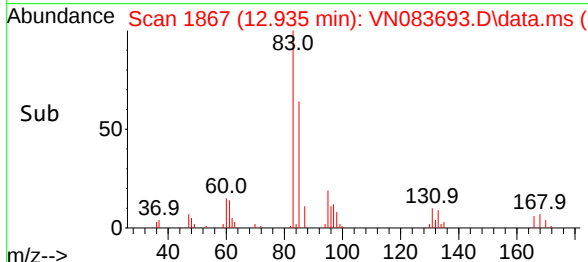
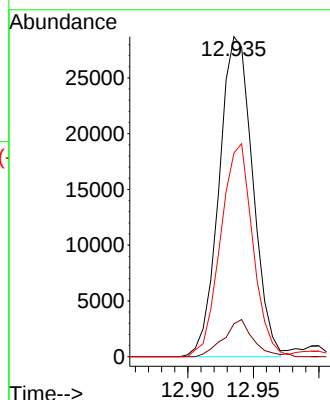
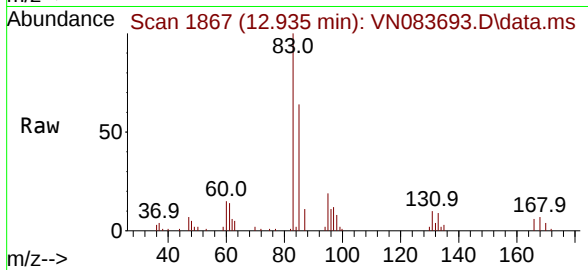
#71
1,1,2,2-Tetrachloroethane
Concen: 19.223 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 5111
Ion Ratio Lower Upper
83 100
131 10.2 5.2 15.6
85 63.8 32.3 96.8

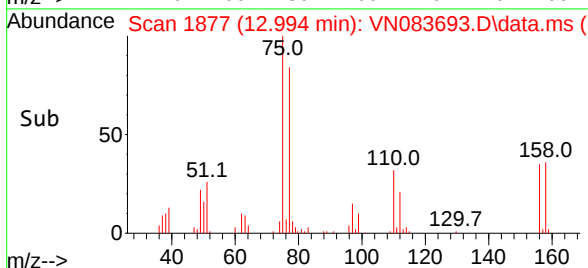
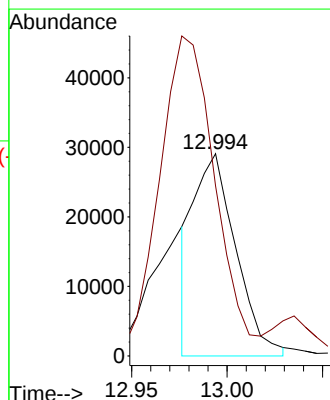
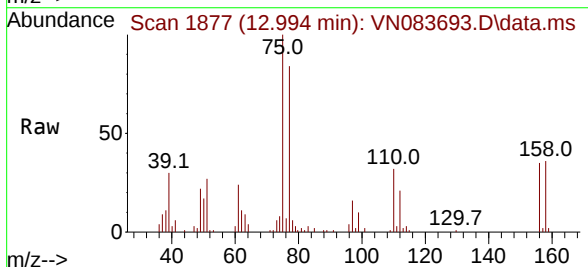
Manual Integrations
APPROVED

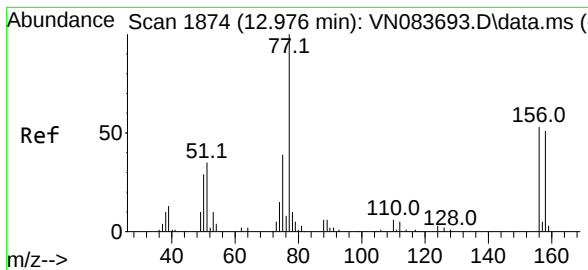
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#72
1,2,3-Trichloropropane
Concen: 19.212 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

Tgt Ion: 75 Resp: 44699
Ion Ratio Lower Upper
75 100
77 209.7 0.0 367.6





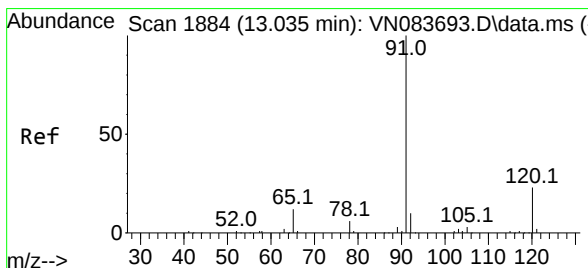
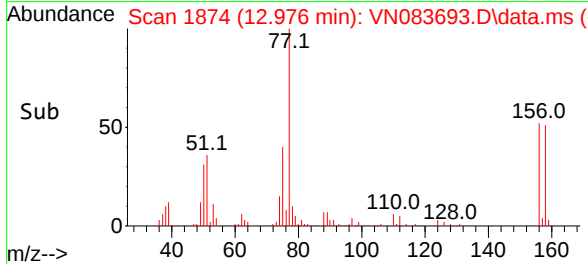
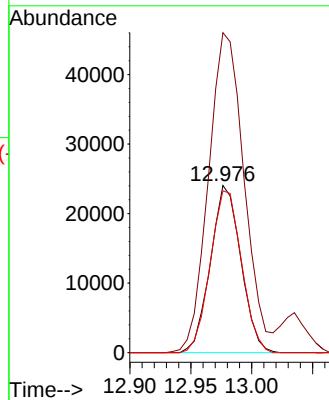
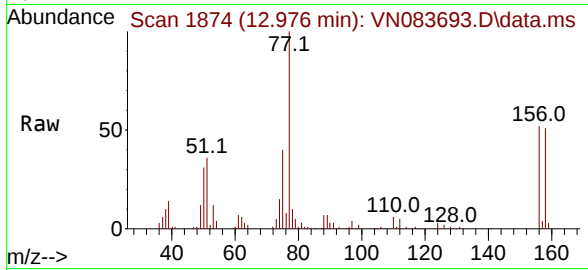
#73
Bromobenzene
Concen: 18.701 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:156 Resp: 41815
Ion Ratio Lower Upper
156 100
77 224.2 0.0 437.6
158 99.4 0.0 203.8

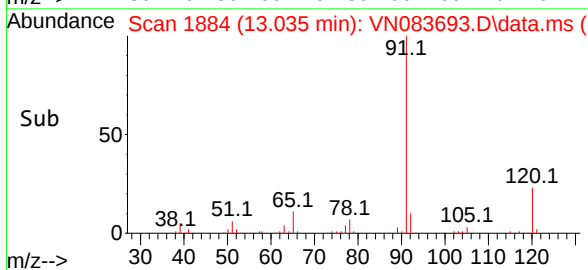
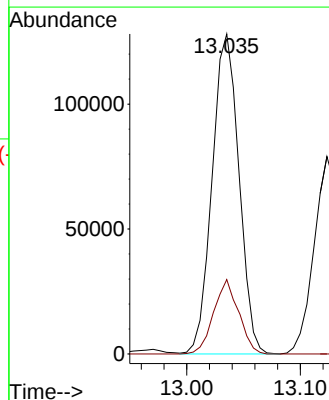
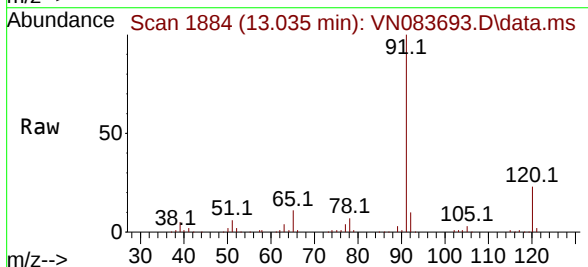
Manual Integrations
APPROVED

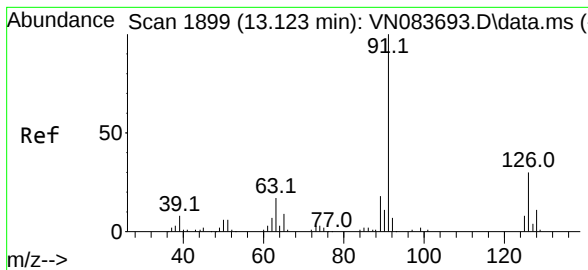
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#74
n-propylbenzene
Concen: 18.444 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

Tgt Ion: 91 Resp: 210183
Ion Ratio Lower Upper
91 100
120 21.7 0.0 43.8





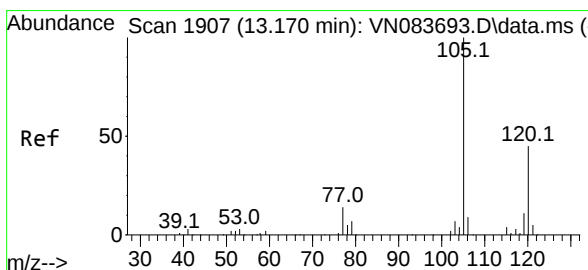
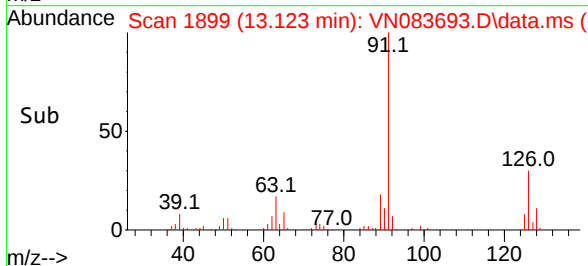
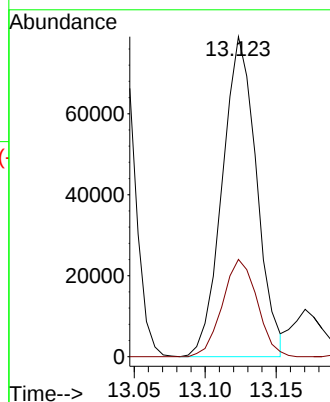
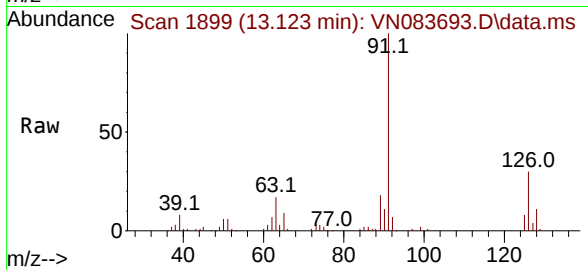
#75
2-Chlorotoluene
Concen: 18.658 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 13270
Ion Ratio Lower Upper
91 100
126 30.7 0.0 61.2

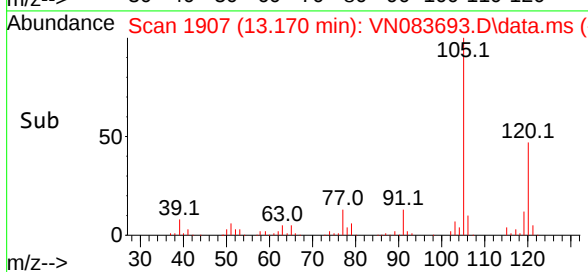
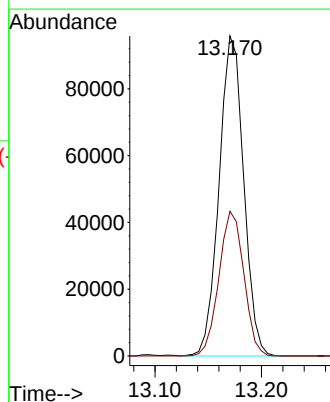
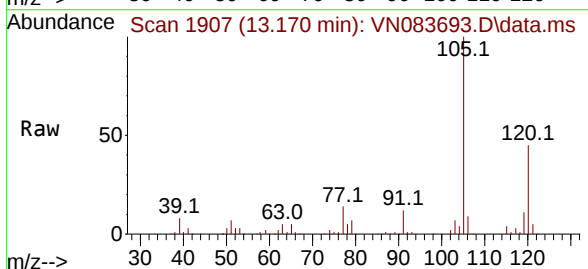
Manual Integrations
APPROVED

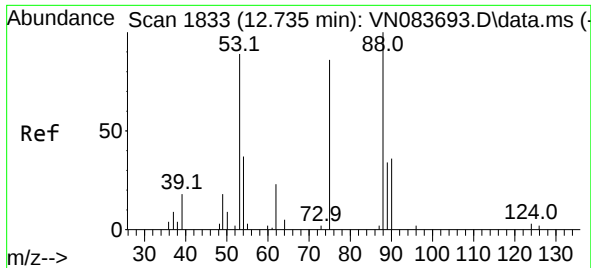
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#76
1,3,5-Trimethylbenzene
Concen: 18.885 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

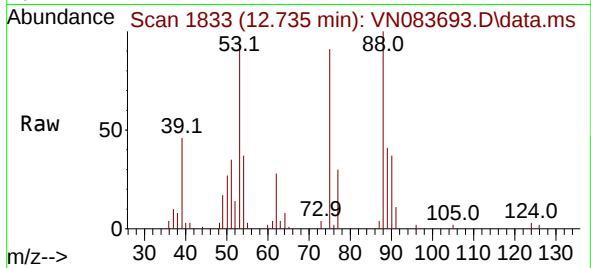
Tgt Ion:105 Resp: 153570
Ion Ratio Lower Upper
105 100
120 45.8 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 18.300 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

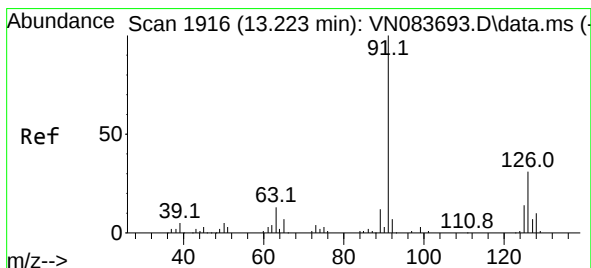
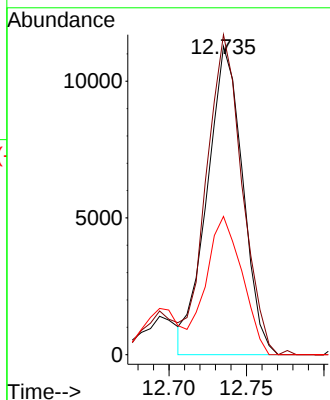
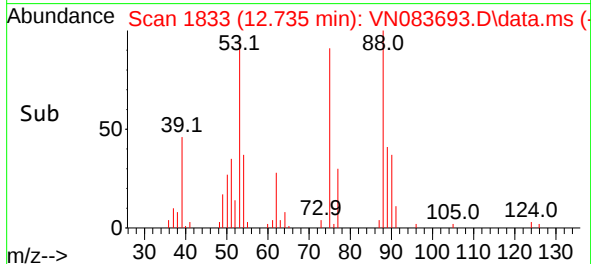
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



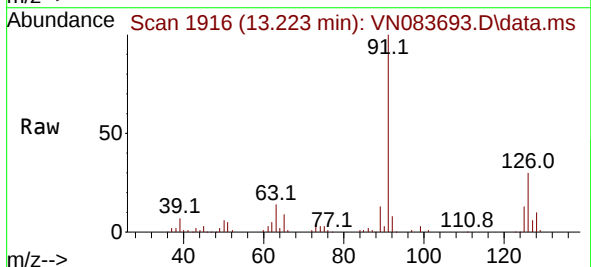
Tgt Ion: 75 Resp: 1803
Ion Ratio Lower Upper
75 100
53 103.8 45.9 137.7
89 44.8 25.9 77.7

Manual Integrations
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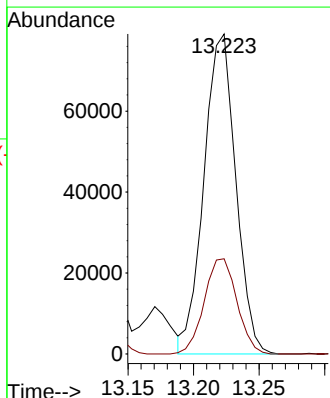
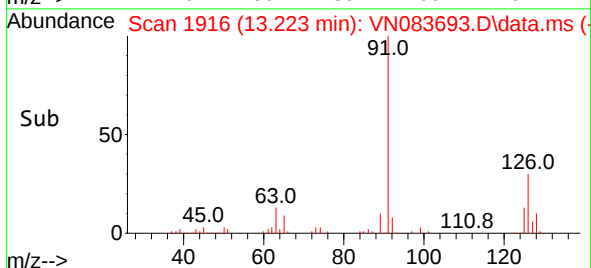
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024

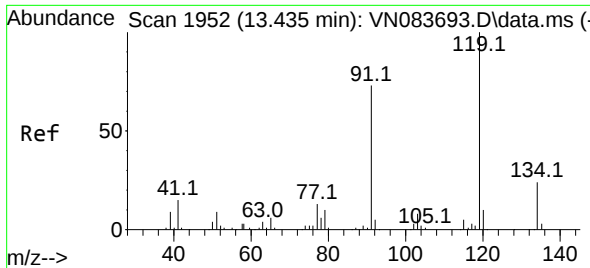


#78
4-Chlorotoluene
Concen: 18.508 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10



Tgt Ion: 91 Resp: 133498
Ion Ratio Lower Upper
91 100
126 30.5 0.0 62.8





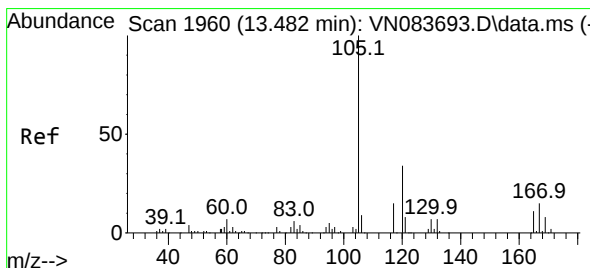
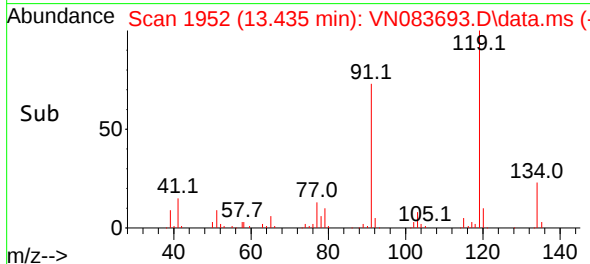
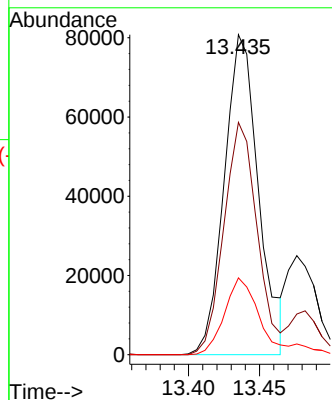
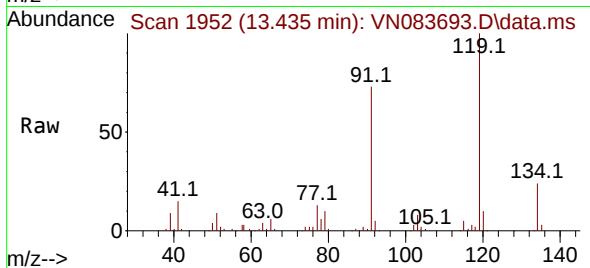
#79
tert-butylbenzene
Concen: 19.057 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:119 Resp: 13551
Ion Ratio Lower Upper
119 100
91 70.6 0.0 138.8
134 23.9 0.0 48.6

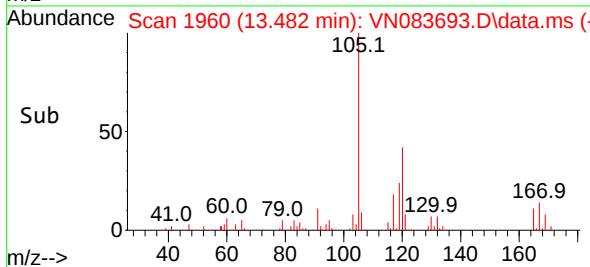
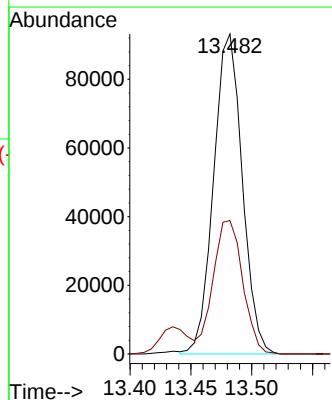
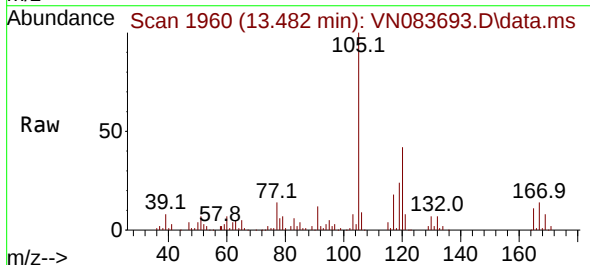
Manual Integrations
APPROVED

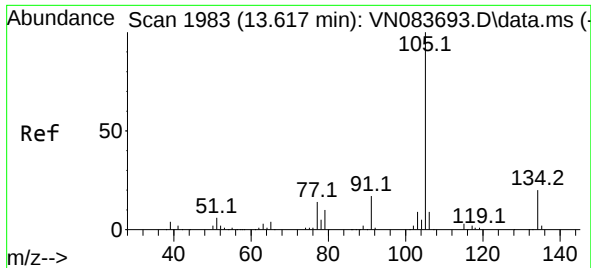
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#80
1,2,4-Trimethylbenzene
Concen: 18.571 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

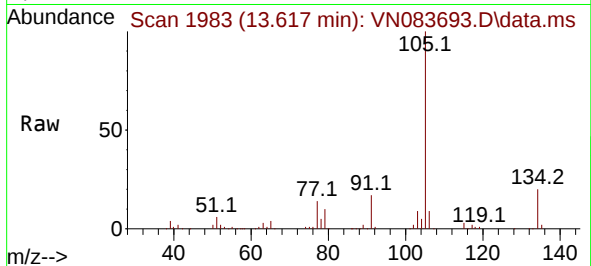
Tgt Ion:105 Resp: 152609
Ion Ratio Lower Upper
105 100
120 43.1 0.0 86.8





#81
 sec-Butylbenzene
 Concen: 18.135 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083693.D
 Acq: 06 Sep 2024 13:10

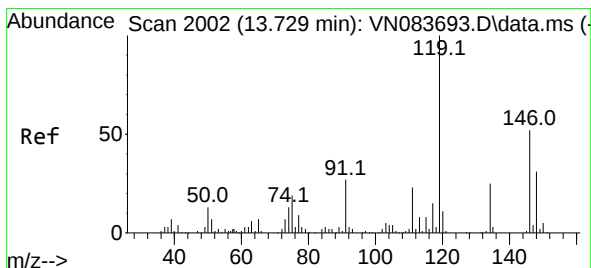
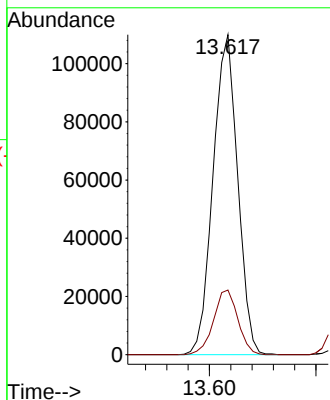
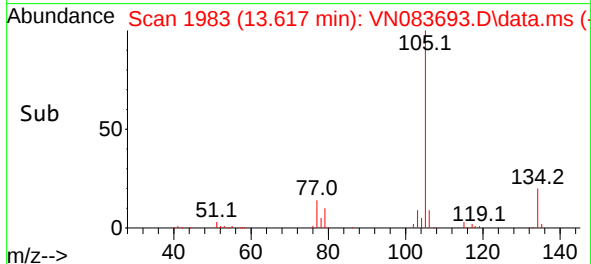
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



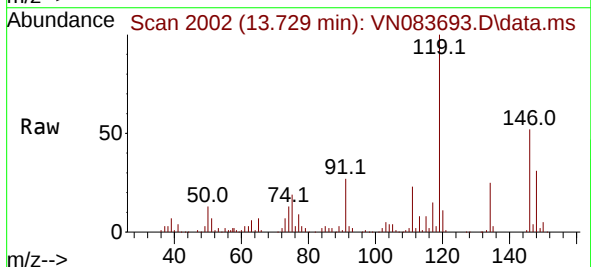
Tgt Ion:105 Resp: 17616
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 39.0

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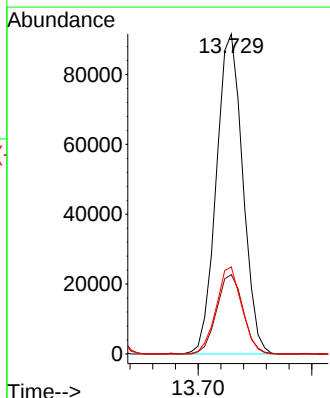
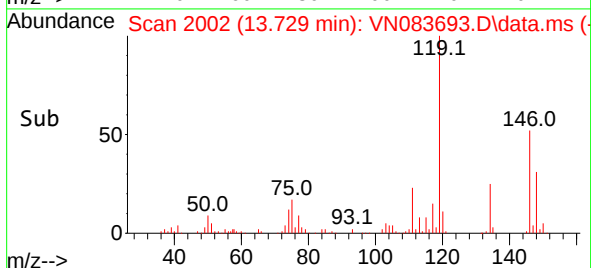
Reviewed By :John Carlone 09/09/2024
 Supervised By :Mahesh Dadoda 09/09/2024

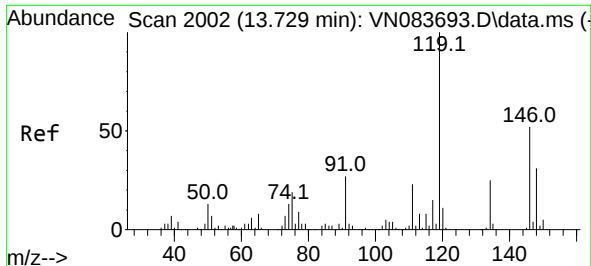


#82
 p-Isopropyltoluene
 Concen: 18.132 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083693.D
 Acq: 06 Sep 2024 13:10



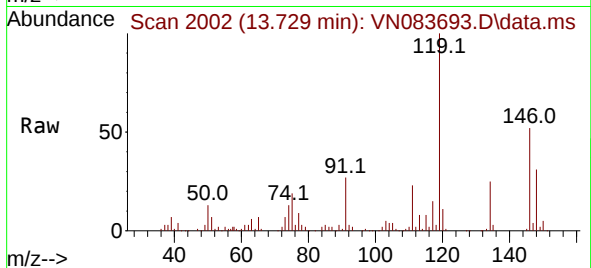
Tgt Ion:119 Resp: 148197
 Ion Ratio Lower Upper
 119 100
 134 24.8 0.0 49.2
 91 26.3 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 18.538 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

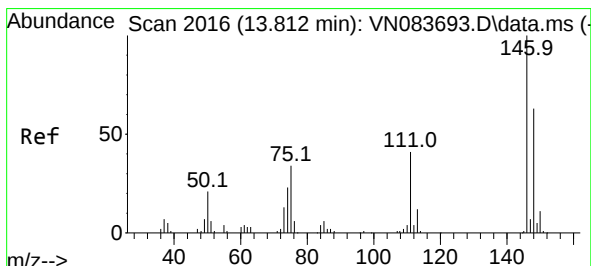
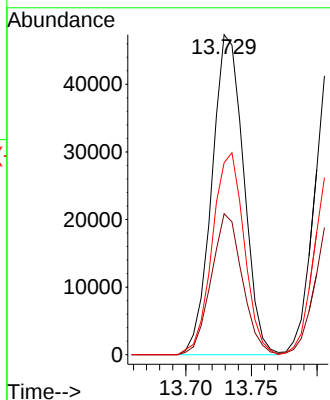
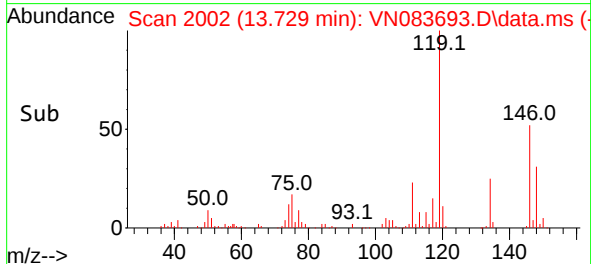
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



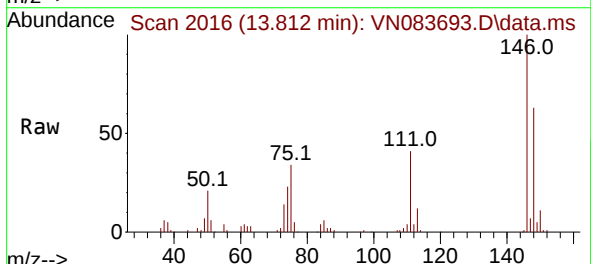
Tgt Ion:146 Resp: 79779
Ion Ratio Lower Upper
146 100
111 43.1 22.4 67.0
148 63.2 32.1 96.5

Manual Integrations
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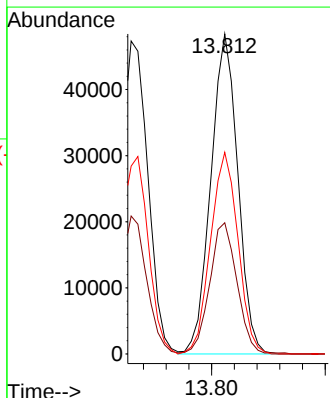
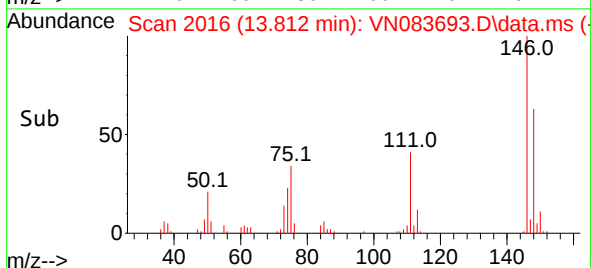
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024

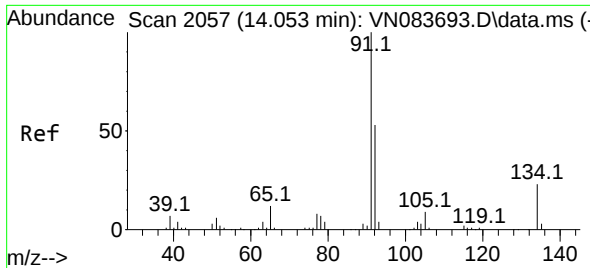


#84
1,4-Dichlorobenzene
Concen: 18.579 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10



Tgt Ion:146 Resp: 79934
Ion Ratio Lower Upper
146 100
111 41.3 21.3 63.9
148 64.0 31.9 95.5





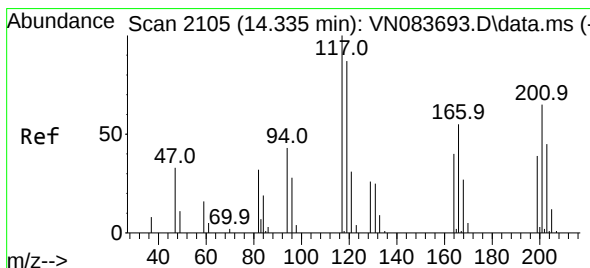
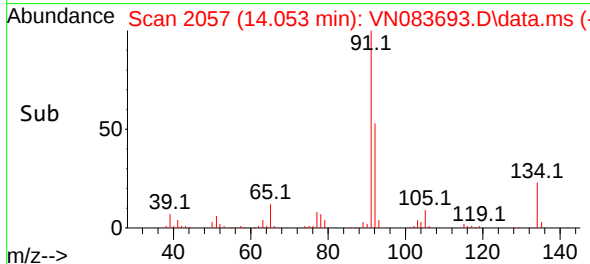
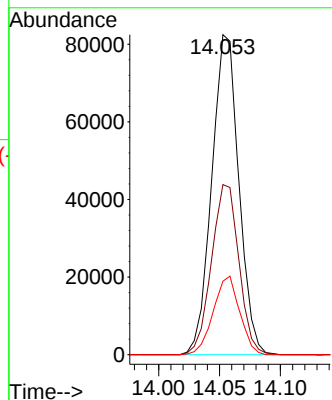
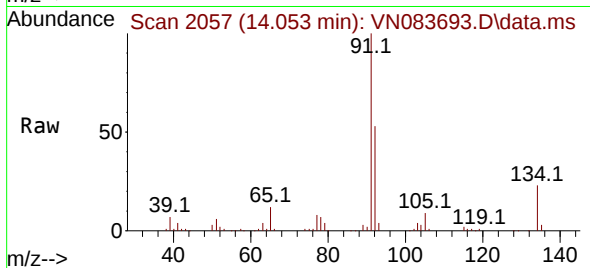
#85
n-Butylbenzene
Concen: 17.704 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 127684
Ion Ratio Lower Upper
91 100
92 53.8 0.0 105.0
134 23.9 0.0 51.8

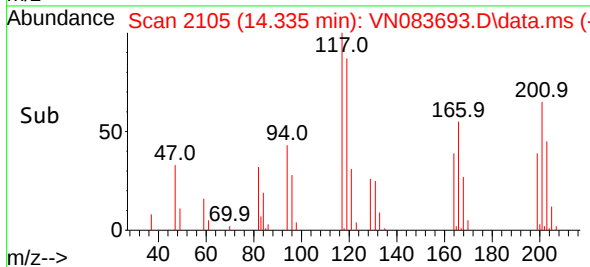
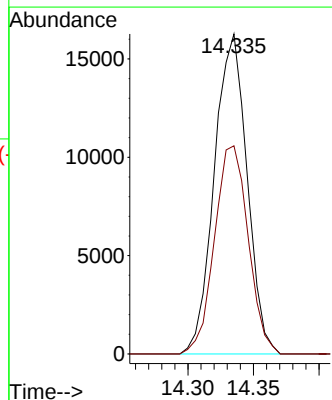
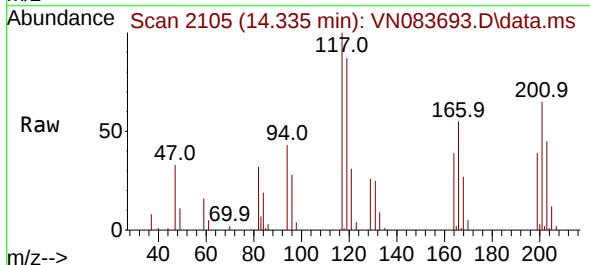
Manual Integrations
APPROVED

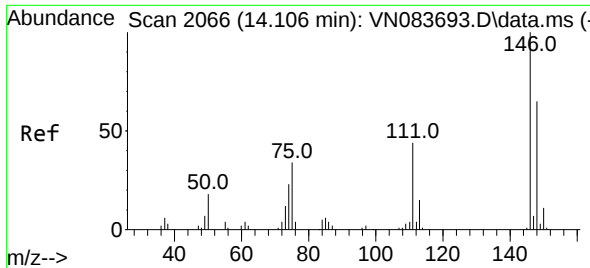
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#86
Hexachloroethane
Concen: 18.231 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

Tgt Ion:117 Resp: 28237
Ion Ratio Lower Upper
117 100
201 67.0 38.0 114.0





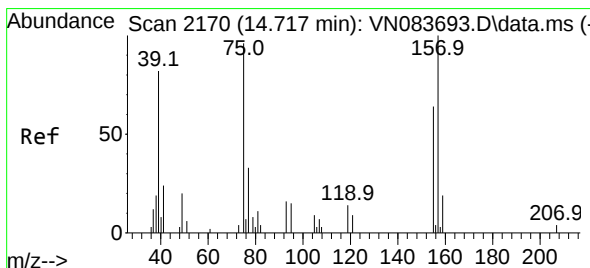
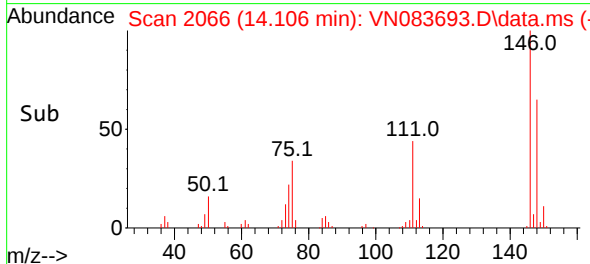
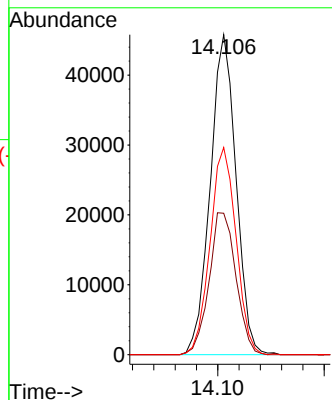
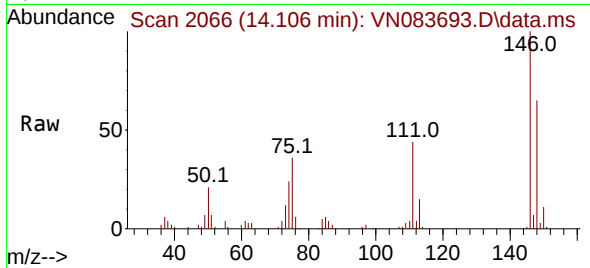
#87
1,2-Dichlorobenzene
Concen: 18.437 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:146 Resp: 77004
Ion Ratio Lower Upper
146 100
111 46.2 22.6 67.8
148 65.2 31.3 93.8

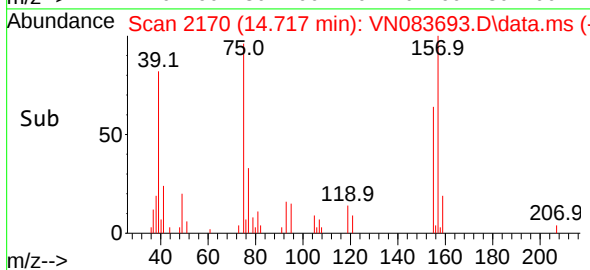
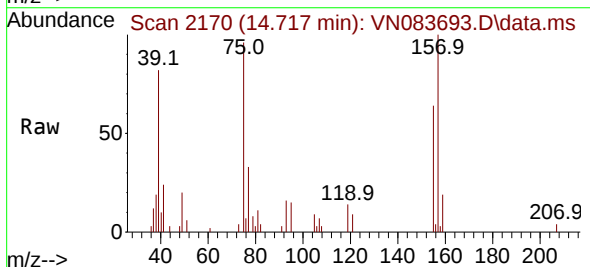
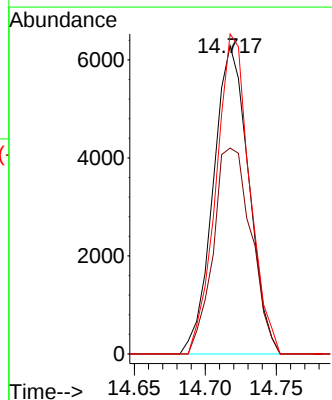
Manual Integrations
APPROVED

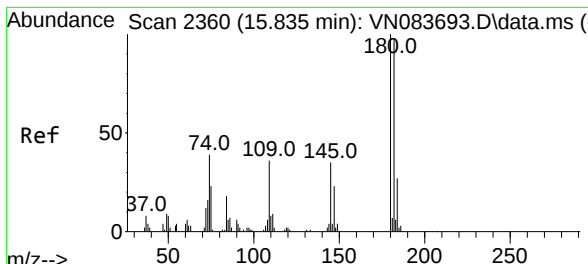
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.717 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

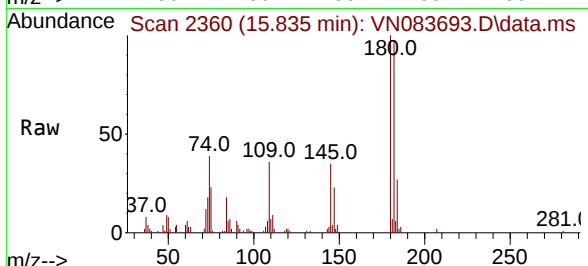
Tgt Ion: 75 Resp: 10937
Ion Ratio Lower Upper
75 100
155 71.3 61.7 92.5
157 98.0 83.6 125.4





#89
1,2,4-Trichlorobenzene
Concen: 18.290 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

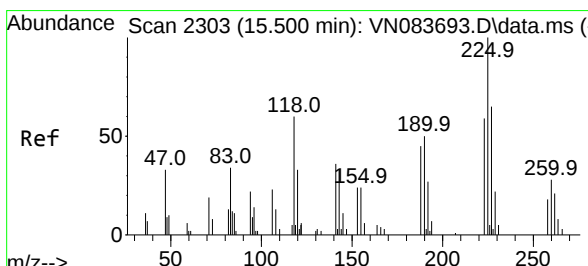
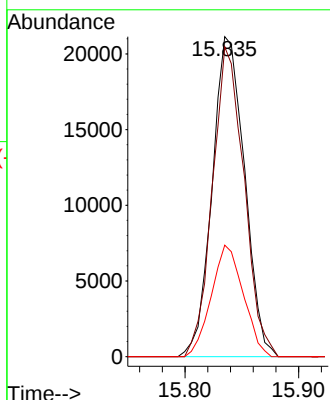
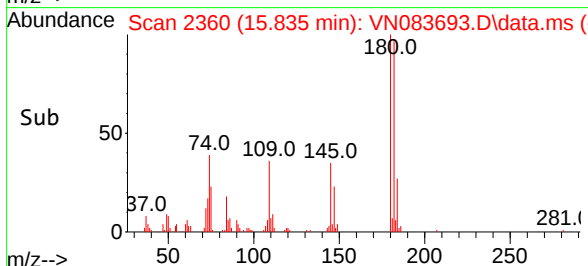
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:180 Resp: 4185
Ion Ratio Lower Upper
180 100
182 94.3 76.4 114.6
145 34.6 28.4 42.6

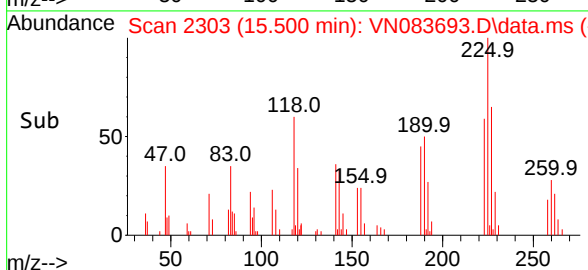
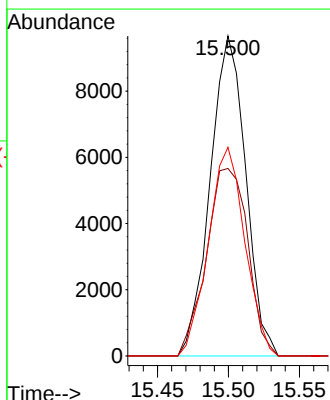
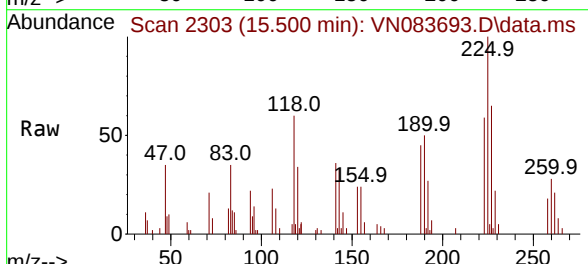
Manual Integrations
APPROVED

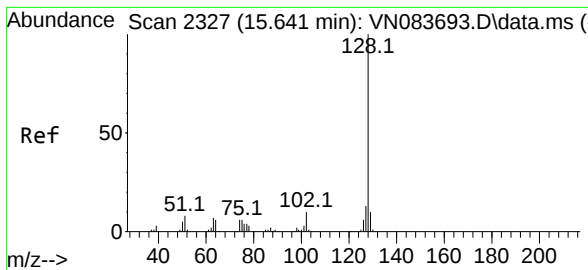
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#90
Hexachlorobutadiene
Concen: 17.798 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

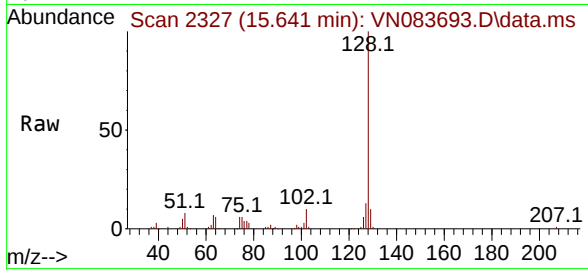
Tgt Ion:225 Resp: 16856
Ion Ratio Lower Upper
225 100
223 68.0 0.0 126.6
227 66.9 0.0 126.6





#91
Naphthalene
Concen: 18.362 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

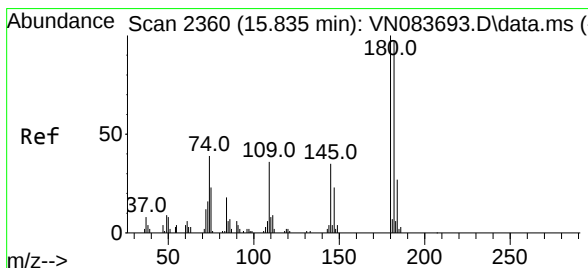
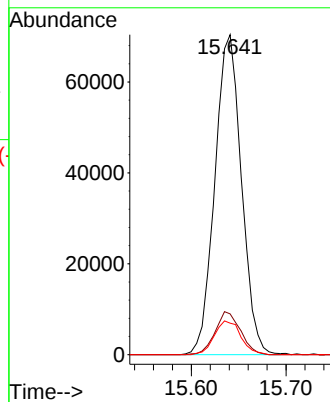
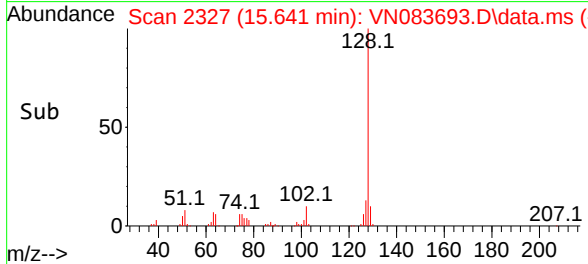
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:128 Resp: 13735
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#92
1,2,3-Trichlorobenzene
Concen: 18.290 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN083693.D
Acq: 06 Sep 2024 13:10

Tgt Ion:180 Resp: 41851
Ion Ratio Lower Upper
180 100
182 94.3 0.0 191.0
145 34.6 0.0 71.0

