

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
 Data File : VN083715.D
 Acq On : 09 Sep 2024 14:06
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/10/2024
 Supervised By : Mahesh Dadoda 09/10/2024

Quant Time: Sep 10 01:20:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	27370	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	156228	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	143331	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	75624	30.228	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.767%			
60) 4-Bromofluorobenzene	12.847	95	73725	29.845	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.467%			
63) Toluene-d8	10.565	98	197464	29.753	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.167%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	37304	20.353	ug/l	95
3) Chloromethane	2.359	50	38481	20.206	ug/l	99
4) Vinyl Chloride	2.512	62	38309	19.567	ug/l	93
5) Bromomethane	2.906	94	21892	20.014	ug/l	94
6) Chloroethane	3.077	64	28025	21.377	ug/l	91
7) Trichlorofluoromethane	3.477	101	64791	19.740	ug/l	99
8) Diethyl Ether	3.953	74	22261	19.960	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.359	101	35791	20.300	ug/l	94
10) 1,1-Dichloroethene	4.324	96	33372	19.618	ug/l	90
11) Methyl Iodide	4.577	142	45592	19.731	ug/l	93
12) Methyl Acetate	5.018	43	41137	20.052	ug/l #	81
13) Acrolein	4.171	56	37362	124.789	ug/l	99
14) Acrylonitrile	5.718	53	83528	100.610	ug/l	99
15) Acetone	4.424	58	22695	82.407	ug/l	74
16) Carbon Disulfide	4.694	76	88968	18.506	ug/l	99
17) Allyl chloride	5.012	41	58958	19.764	ug/l	84
18) Methylene Chloride	5.265	84	38191	20.521	ug/l	87
19) trans-1,2-Dichloroethene	5.777	96	34496	19.566	ug/l	96
20) Diisopropyl ether	6.671	45	118958	19.746	ug/l	99
21) 1,1-Dichloroethane	6.565	63	70250	20.424	ug/l	93
22) cis-1,2-Dichloroethene	7.482	96	42711	19.904	ug/l	93
23) tert-Butyl Alcohol	5.536	59	31461m	103.267	ug/l	
24) Methyl tert-Butyl Ether	5.788	73	119622	19.788	ug/l #	87
25) Chloroform	7.965	83	73883	20.269	ug/l	100
26) Cyclohexane	8.253	56	58629	19.353	ug/l #	89
29) 1,1-Dichloropropene	8.365	75	49455	19.958	ug/l	97
30) 2-Butanone	7.482	43	114699	98.193	ug/l	95
31) 2,2-Dichloropropane	7.482	77	66903	21.177	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	67110	20.279	ug/l	96
33) Carbon Tetrachloride	8.359	117	59669	20.821	ug/l	95
34) Benzene	8.600	78	153461	20.640	ug/l #	96
35) Methacrylonitrile	7.777	41	27098	20.637	ug/l	94
36) 1,2-Dichloroethane	8.671	62	58788	21.032	ug/l #	94
37) Trichloroethene	9.353	130	34648	19.845	ug/l	90
38) Methylcyclohexane	9.600	83	59581	20.083	ug/l	95
39) 1,2-Dichloropropane	9.618	63	36243	20.254	ug/l	98
40) Dibromomethane	9.706	93	26854	20.524	ug/l	94
41) Bromodichloromethane	9.888	83	56808	20.418	ug/l	95
42) Vinyl Acetate	6.600	43	463100	96.427	ug/l	96

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 VSTDCCC020EC

Manual Integrations
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	47611	20.250	ug/l	96
44) Isopropyl Acetate	8.688	43	85317	20.980	ug/l	90
45) 1,4-Dioxane	9.694	88	13165	415.074	ug/l #	95
46) Methyl methacrylate	9.676	41	40087	20.366	ug/l	82
47) n-amyl Acetate	12.494	43	73814	20.492	ug/l	92
48) t-1,3-Dichloropropene	10.835	75	56681	19.368	ug/l	92
49) cis-1,3-Dichloropropene	10.312	75	61736	20.283	ug/l #	85
50) 1,1,2-Trichloroethane	11.018	97	35493	21.318	ug/l	100
51) Ethyl methacrylate	10.876	69	56424	19.837	ug/l	74
52) 1,3-Dichloropropane	11.159	76	62396	20.753	ug/l	98
53) Dibromochloromethane	11.359	129	40130	20.096	ug/l	99
54) 1,2-Dibromoethane	11.470	107	34942	20.287	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	101169	89.248	ug/l	98
56) Bromoform	12.576	173	24229	19.098	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	238307	104.857	ug/l #	88
59) 2-Hexanone	11.194	43	173776	101.193	ug/l	88
61) Tetrachloroethene	11.100	164	29372	19.363	ug/l	90
62) Toluene	10.629	91	163651	19.864	ug/l	100
64) Chlorobenzene	11.888	112	98455	19.302	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.959	131	35977	20.247	ug/l	98
66) Ethyl Benzene	11.965	91	179344	19.143	ug/l	99
67) m/p-Xylenes	12.070	106	133532	38.741	ug/l	97
68) o-Xylene	12.400	106	66236	19.855	ug/l	98
69) Styrene	12.412	104	109074	19.351	ug/l	99
70) Isopropylbenzene	12.694	105	172528	19.598	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	48760	20.279	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	44495m	21.106	ug/l	
73) Bromobenzene	12.982	156	39714	19.640	ug/l	97
74) n-propylbenzene	13.035	91	195472	18.968	ug/l	99
75) 2-Chlorotoluene	13.123	91	125642	19.534	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	144115	19.597	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	17241	19.349	ug/l	86
78) 4-Chlorotoluene	13.223	91	122902	18.842	ug/l	97
79) tert-butylbenzene	13.435	119	126761	19.713	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	146709	19.742	ug/l	99
81) sec-Butylbenzene	13.617	105	170997	19.466	ug/l	100
82) p-Isopropyltoluene	13.729	119	141648	19.165	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	73100	18.783	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	70037	18.001	ug/l	100
85) n-Butylbenzene	14.053	91	117648	18.038	ug/l	99
86) Hexachloroethane	14.335	117	27566	19.681	ug/l	87
87) 1,2-Dichlorobenzene	14.106	146	71787	19.007	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	10754	20.351	ug/l	87
89) 1,2,4-Trichlorobenzene	15.835	180	34022	16.442	ug/l	98
90) Hexachlorobutadiene	15.500	225	15747	18.386	ug/l	97
91) Naphthalene	15.641	128	115060	17.009	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	34022	16.442	ug/l	98

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

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 ALS Vial : 13 Sample Multiplier: 1

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Manual Integrations

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Supervised By :Mahesh Dadoda 09/10/2024

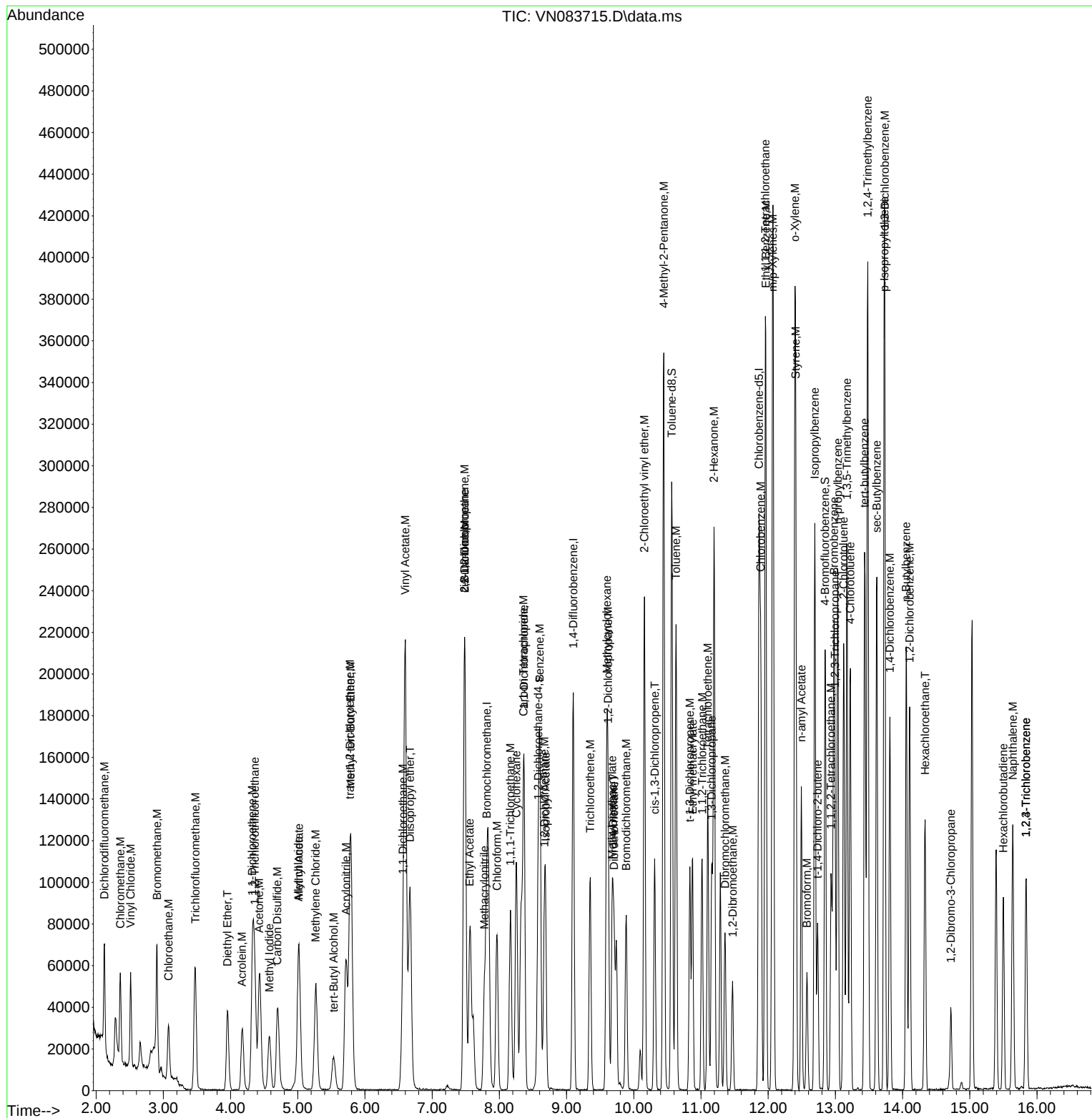
Quant Time: Sep 10 01:20:43 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Fri Sep 06 23:42:47 2024

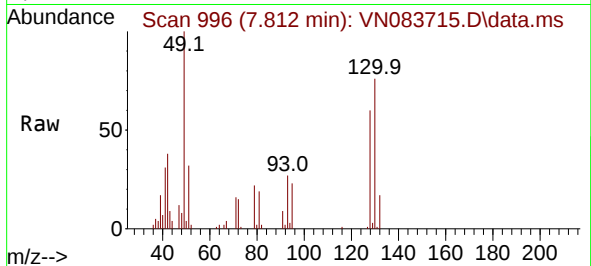
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

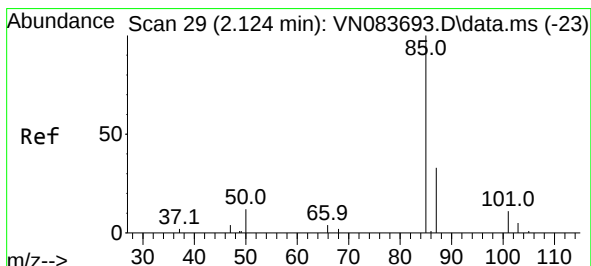
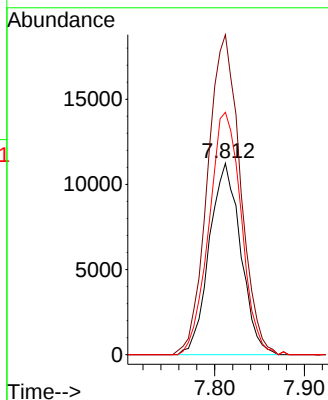
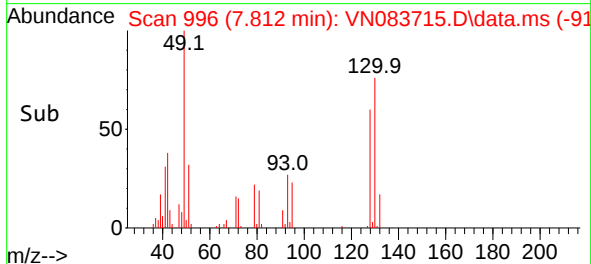
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 27370
Ion Ratio Lower Upper
128 100
49 173.9 0.0 403.7
130 130.0 0.0 323.3

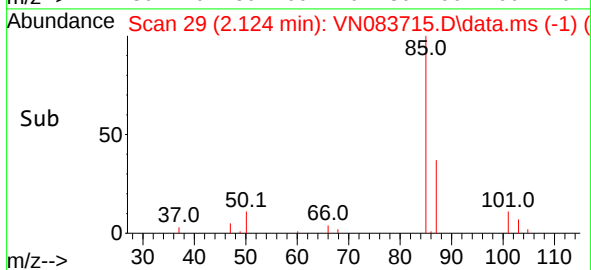
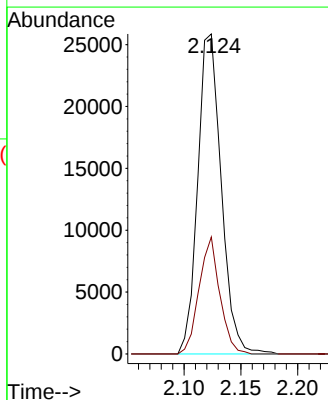
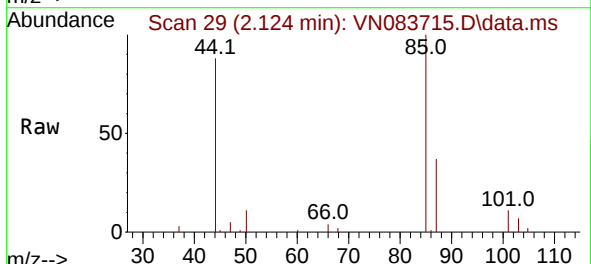
Manual Integrations
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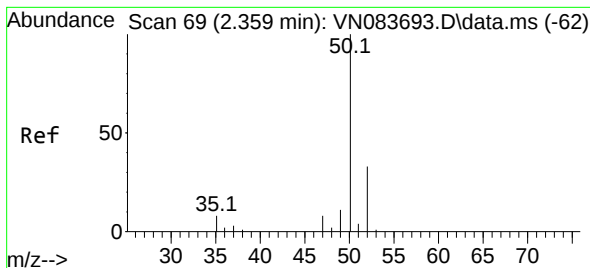
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#2
Dichlorodifluoromethane
Concen: 20.353 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

Tgt Ion: 85 Resp: 37304
Ion Ratio Lower Upper
85 100
87 36.5 16.8 50.3





#3

Chloromethane

Concen: 20.206 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN083715.D

Acq: 09 Sep 2024 14:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 50 Resp: 3848

Ion Ratio Lower Upper

50 100

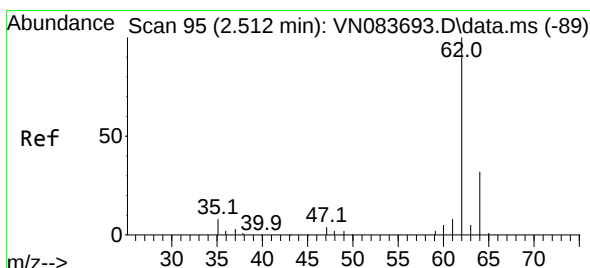
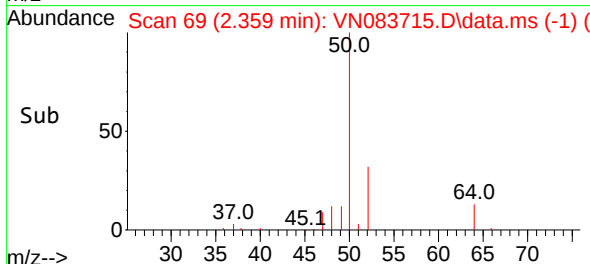
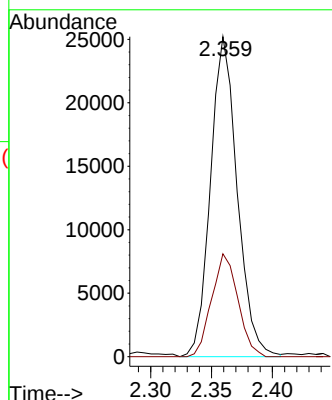
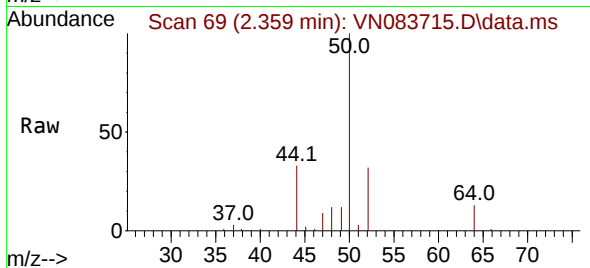
52 32.2 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024



#4

Vinyl Chloride

Concen: 19.567 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.000 min

Lab File: VN083715.D

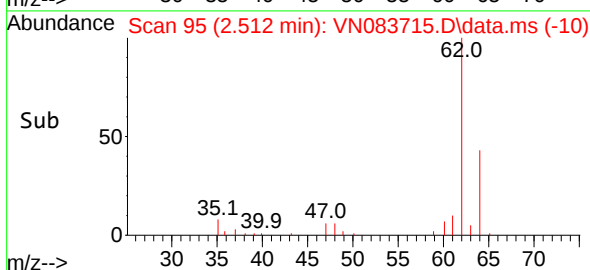
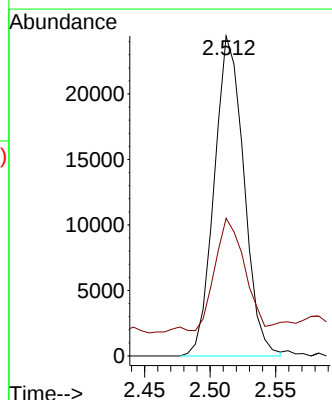
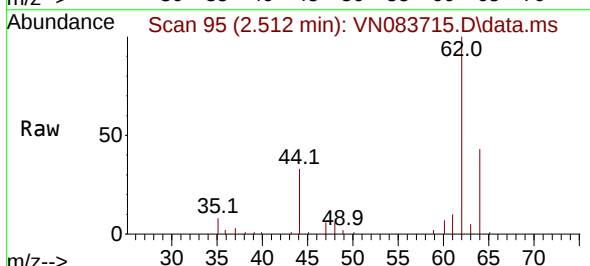
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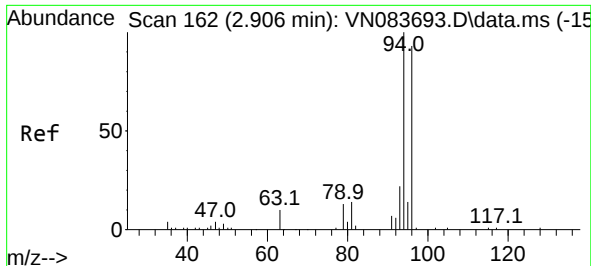
Tgt Ion: 62 Resp: 38309

Ion Ratio Lower Upper

62 100

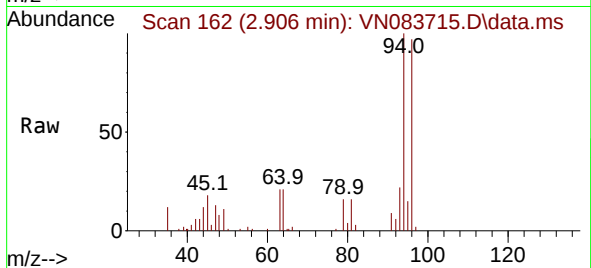
64 33.9 24.1 36.1





#5
Bromomethane
Concen: 20.014 ug/l
RT: 2.906 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

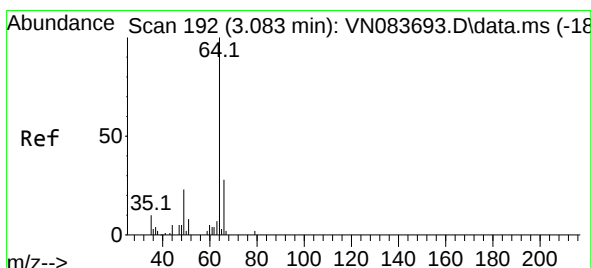
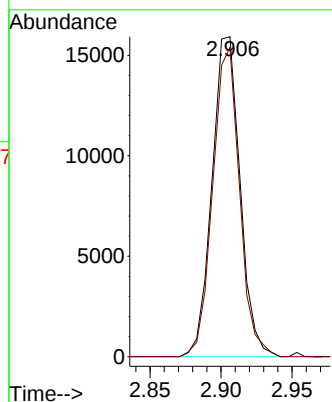
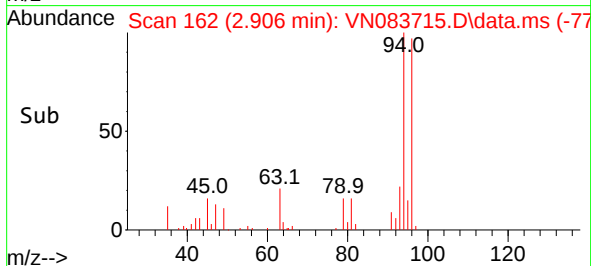
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 94 Resp: 21892
Ion Ratio Lower Upper
94 100
96 96.6 72.8 109.2

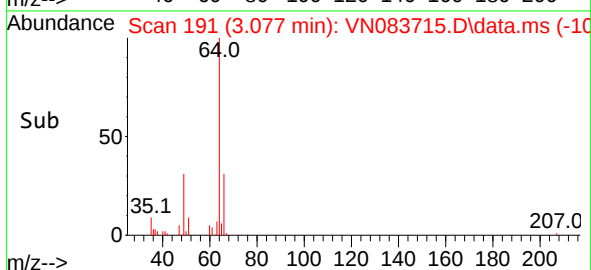
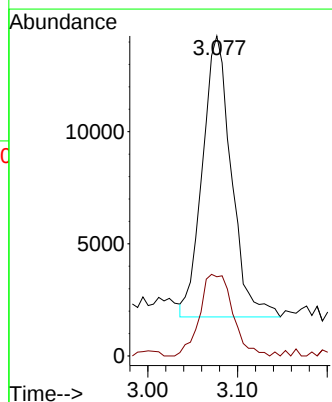
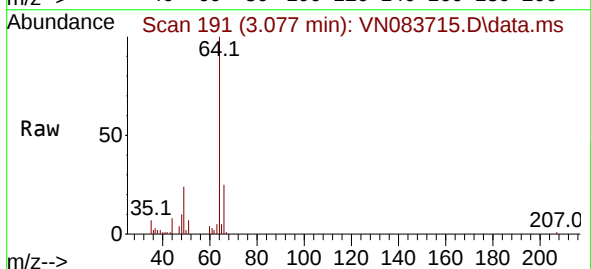
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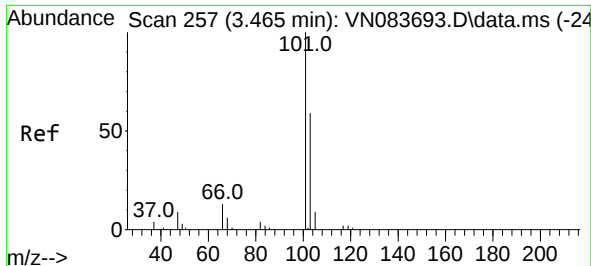
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#6
Chloroethane
Concen: 21.377 ug/l
RT: 3.077 min Scan# 191
Delta R.T. -0.006 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

Tgt Ion: 64 Resp: 28025
Ion Ratio Lower Upper
64 100
66 28.2 26.7 40.1





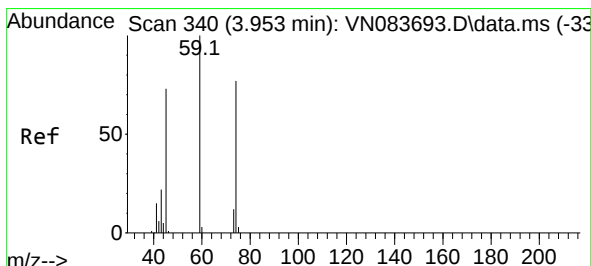
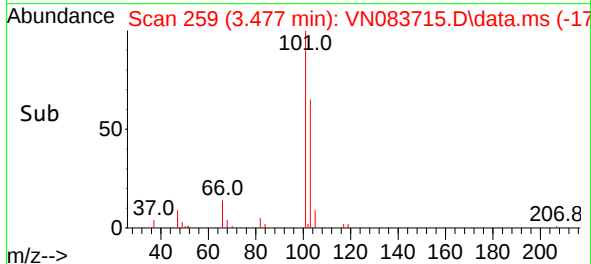
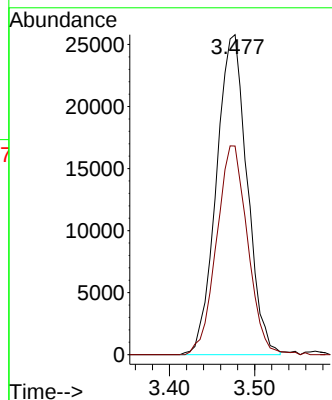
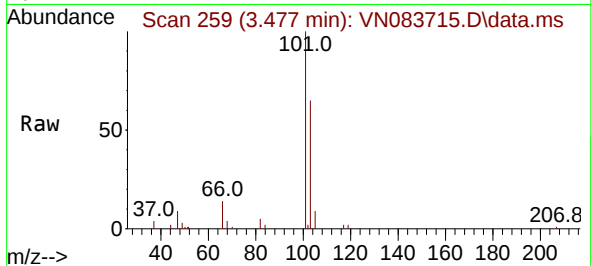
#7
Trichlorofluoromethane
Concen: 19.740 ug/l
RT: 3.477 min Scan# 257
Delta R.T. 0.012 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 6479
Ion Ratio Lower Upper
101 100
103 65.2 53.0 79.4

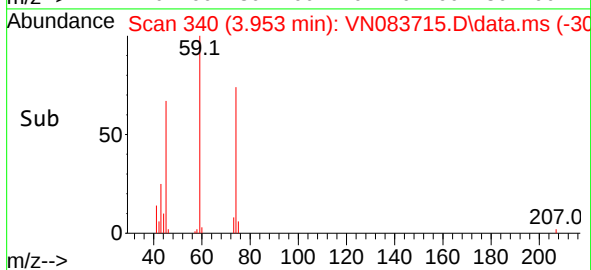
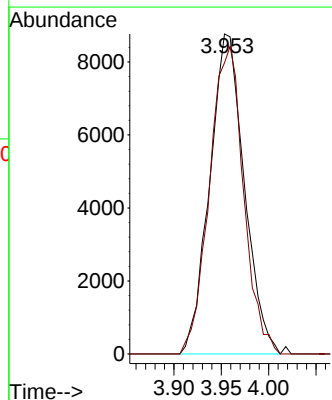
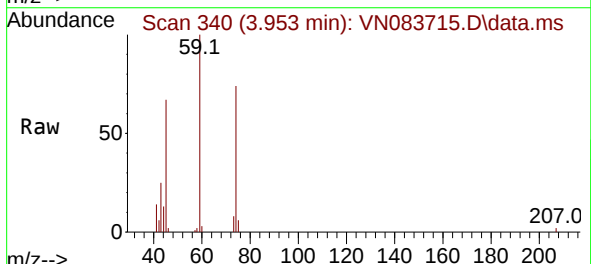
Manual Integrations
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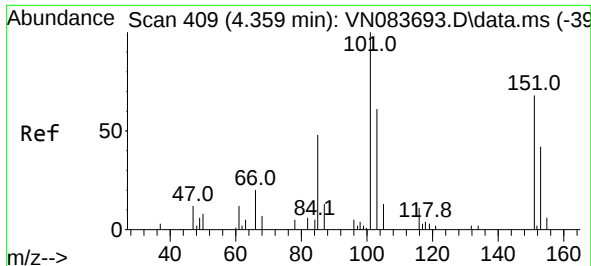
Reviewed By :John Carlone 09/10/2024
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#8
Diethyl Ether
Concen: 19.960 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

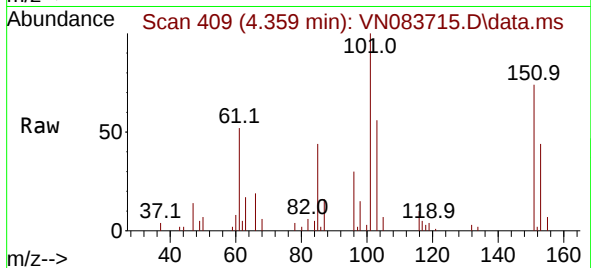
Tgt Ion: 74 Resp: 22261
Ion Ratio Lower Upper
74 100
45 94.6 16.4 147.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.300 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

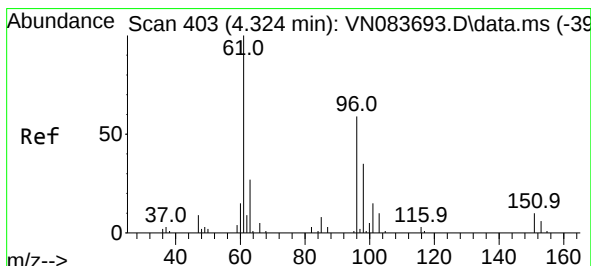
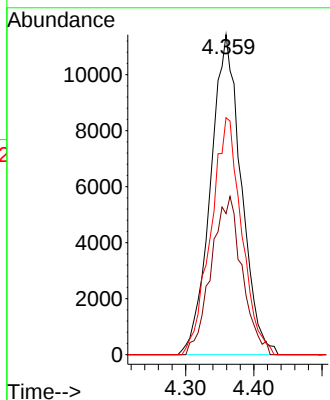
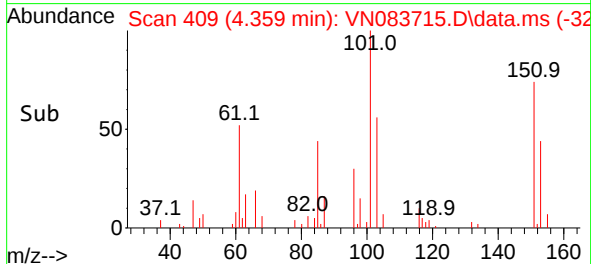
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



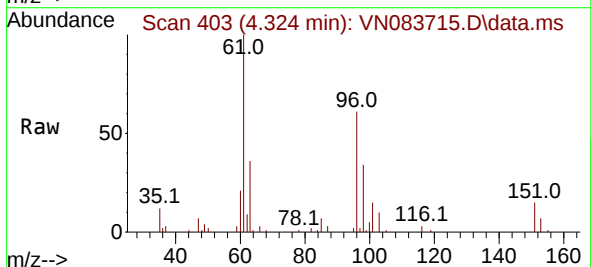
Tgt Ion:101 Resp: 3579
Ion Ratio Lower Upper
101 100
85 49.8 0.0 90.6
151 74.3 0.0 157.6

Manual Integrations
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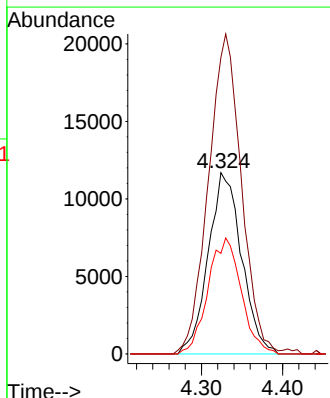
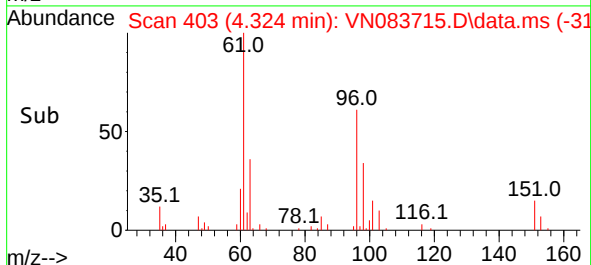
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

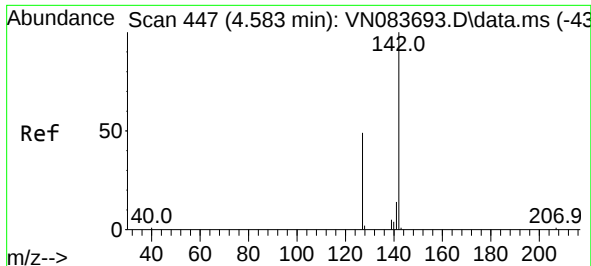


#10
1,1-Dichloroethene
Concen: 19.618 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06



Tgt Ion: 96 Resp: 33372
Ion Ratio Lower Upper
96 100
61 161.7 117.6 176.4
98 55.5 48.4 72.6





#11

Methyl Iodide

Concen: 19.731 ug/l

RT: 4.577 min Scan# 447

Delta R.T. -0.006 min

Lab File: VN083715.D

Acq: 09 Sep 2024 14:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:142 Resp: 45592

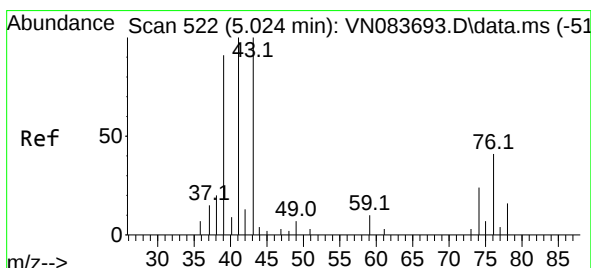
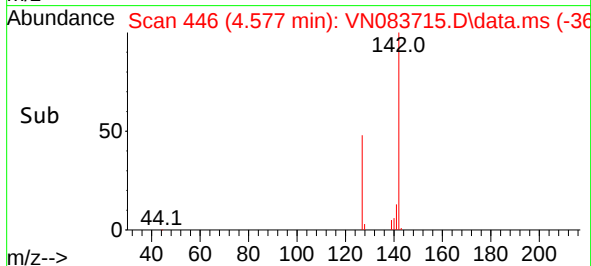
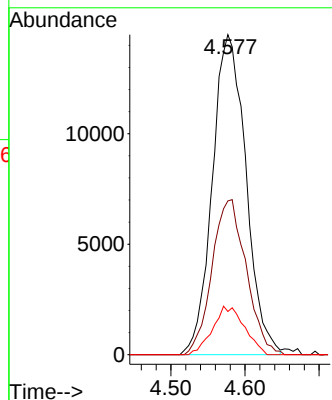
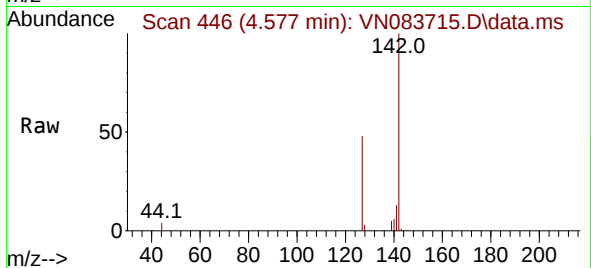
Ion	Ratio	Lower	Upper
142	100		
127	47.8	26.3	78.9
141	13.6	8.3	24.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024



#12

Methyl Acetate

Concen: 20.052 ug/l

RT: 5.018 min Scan# 521

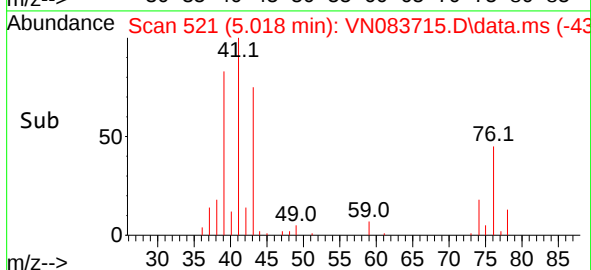
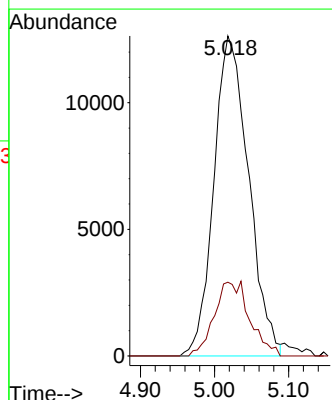
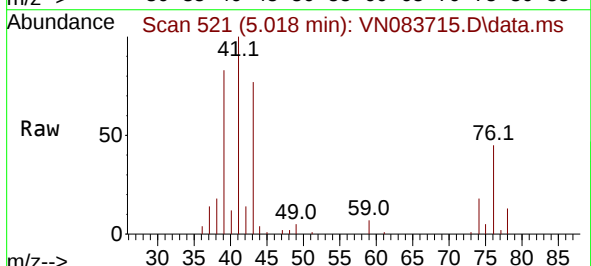
Delta R.T. -0.006 min

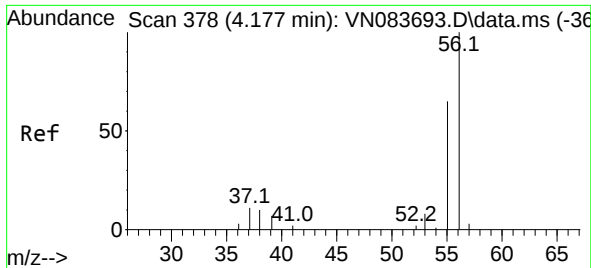
Lab File: VN083715.D

Acq: 09 Sep 2024 14:06

Tgt Ion: 43 Resp: 41137

Ion	Ratio	Lower	Upper
43	100		
74	23.5	27.7	41.5#





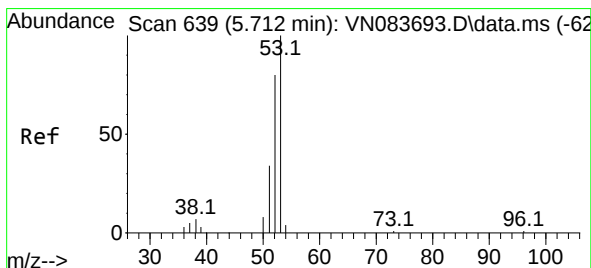
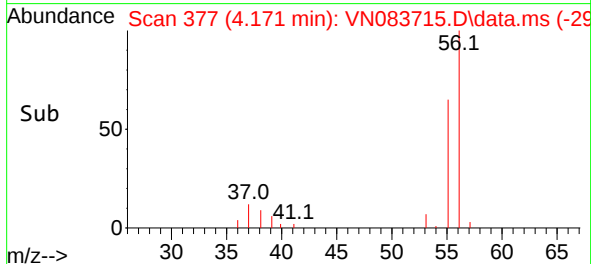
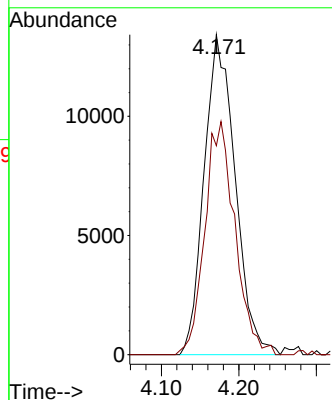
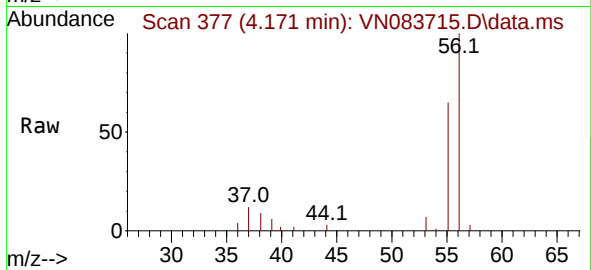
#13
Acrolein
Concen: 124.789 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 56 Resp: 37362
Ion Ratio Lower Upper
56 100
55 70.0 55.5 83.3

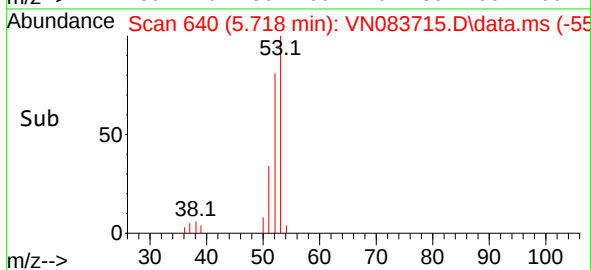
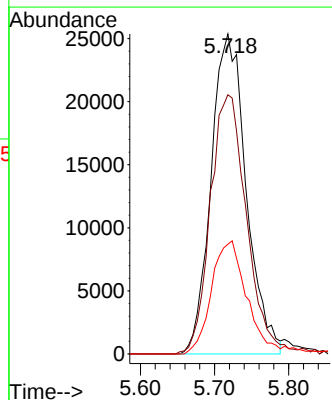
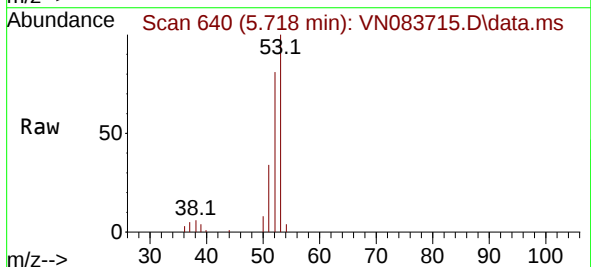
Manual Integrations
APPROVED

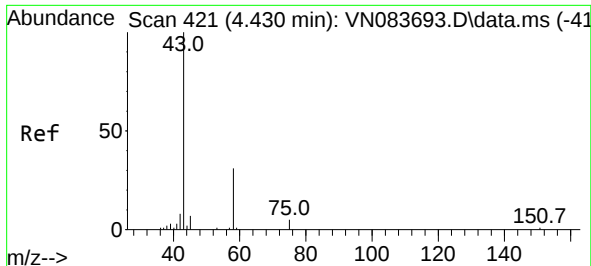
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#14
Acrylonitrile
Concen: 100.610 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

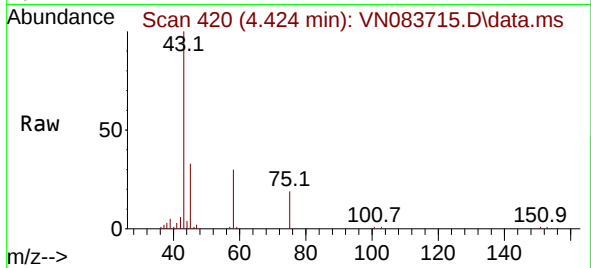
Tgt Ion: 53 Resp: 83528
Ion Ratio Lower Upper
53 100
52 83.3 41.3 123.9
51 35.2 16.8 50.3





#15
Acetone
Concen: 82.407 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

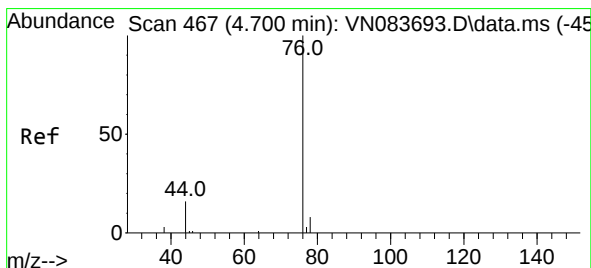
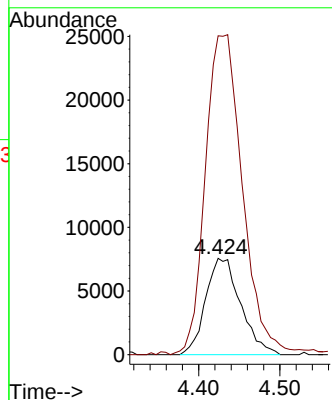
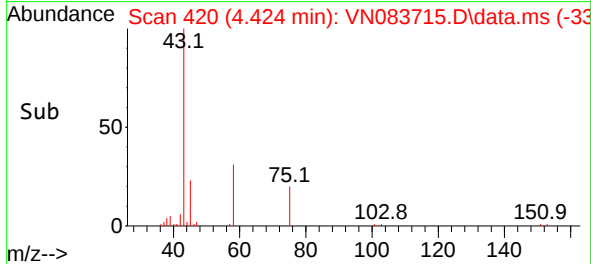
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 58 Resp: 2269
Ion Ratio Lower Upper
58 100
43 327.4 223.1 334.7

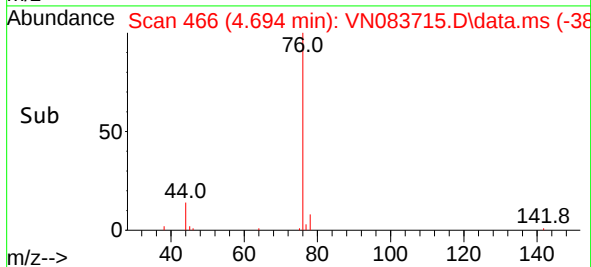
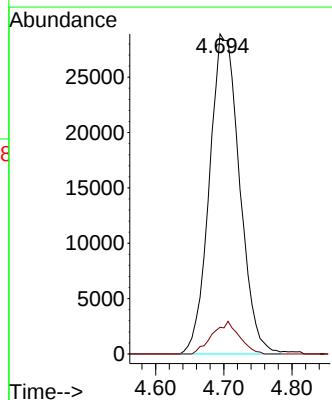
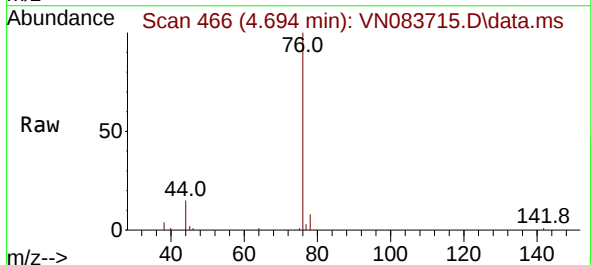
Manual Integrations
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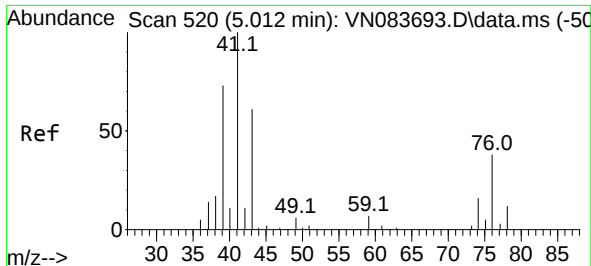
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#16
Carbon Disulfide
Concen: 18.506 ug/l
RT: 4.694 min Scan# 466
Delta R.T. -0.006 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

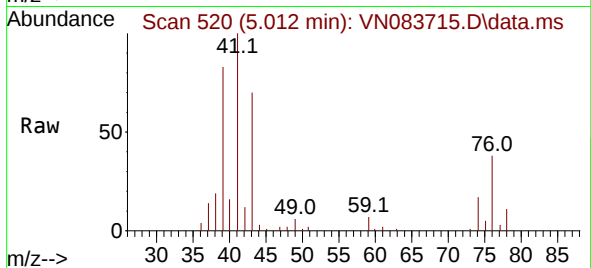
Tgt Ion: 76 Resp: 88968
Ion Ratio Lower Upper
76 100
78 8.3 6.3 9.5





#17
 Allyl chloride
 Concen: 19.764 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN083715.D
 Acq: 09 Sep 2024 14:06

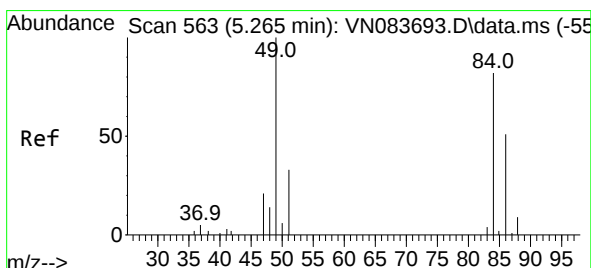
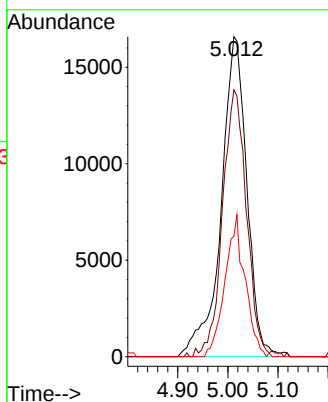
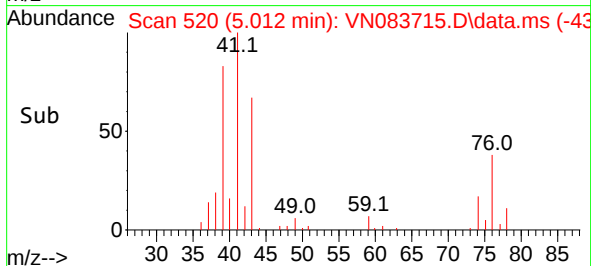
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 41 Resp: 58958
 Ion Ratio Lower Upper
 41 100
 39 83.3 37.6 112.9
 76 37.6 27.8 83.4

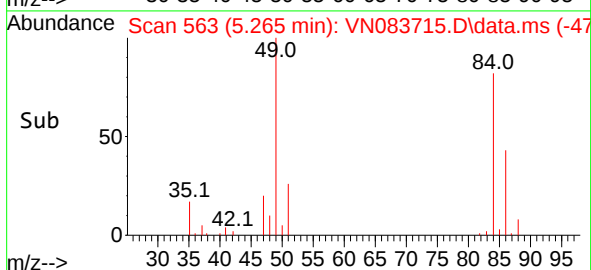
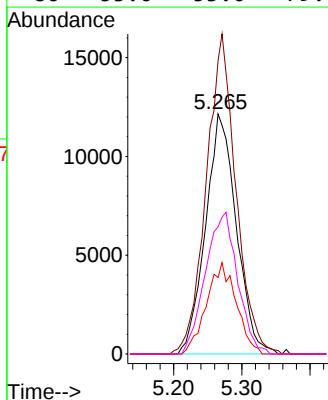
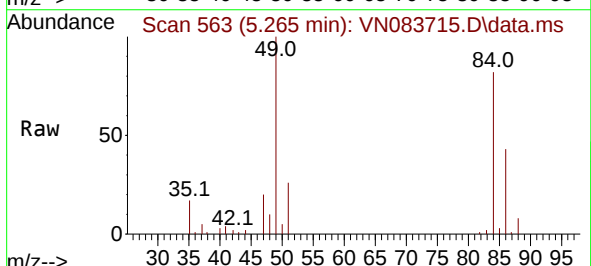
Manual Integrations
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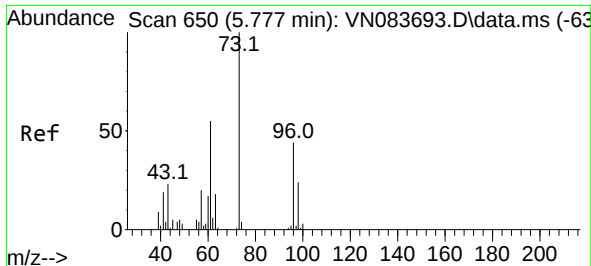
Reviewed By :John Carlone 09/10/2024
 Supervised By :Mahesh Dadoda 09/10/2024



#18
 Methylene Chloride
 Concen: 20.521 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. -0.000 min
 Lab File: VN083715.D
 Acq: 09 Sep 2024 14:06

Tgt Ion: 84 Resp: 38191
 Ion Ratio Lower Upper
 84 100
 49 120.6 86.0 129.0
 51 31.8 30.0 45.0
 86 53.0 53.0 79.4





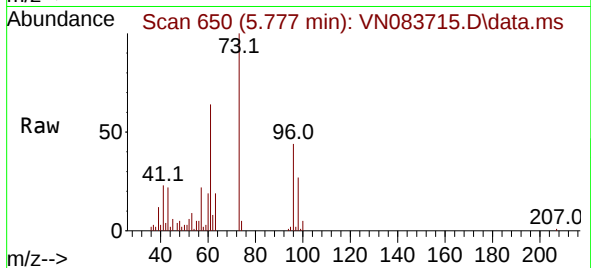
#19
trans-1,2-Dichloroethene
Concen: 19.566 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



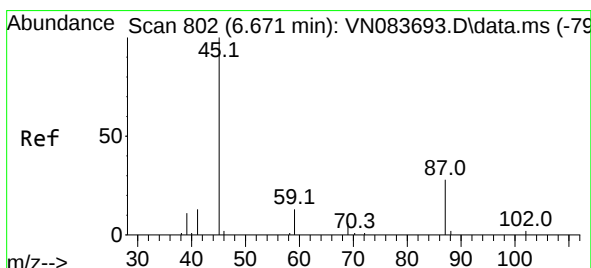
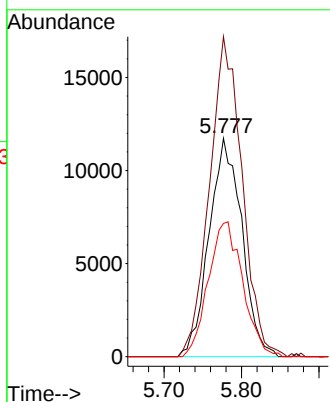
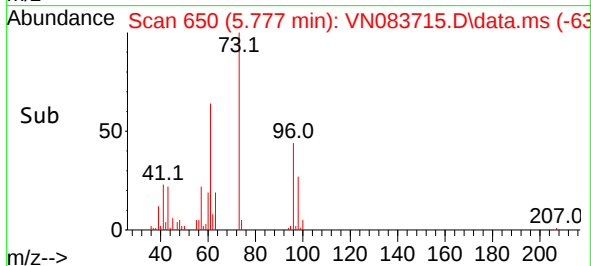
Tgt Ion: 96 Resp: 34490
Ion Ratio Lower Upper
96 100
61 146.5 111.8 167.6
98 61.0 49.2 73.8

Manual Integrations

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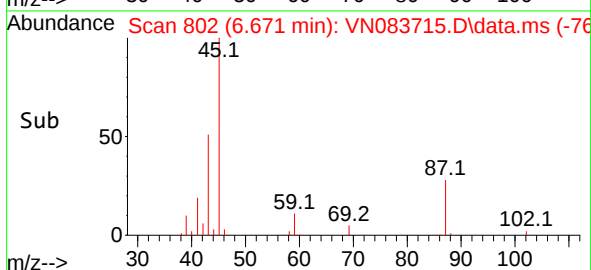
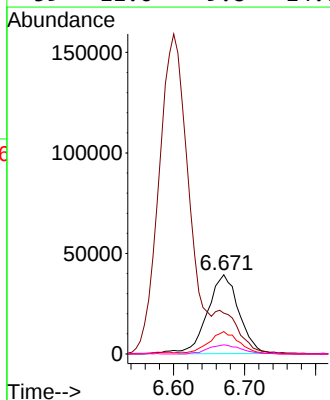
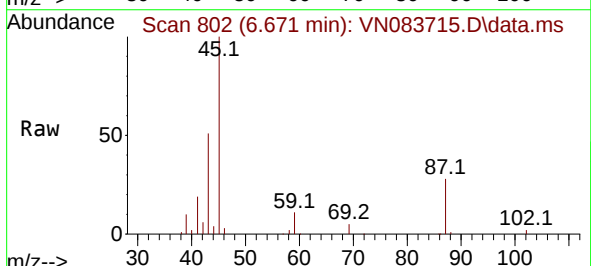
Reviewed By :John Carlone 09/10/2024

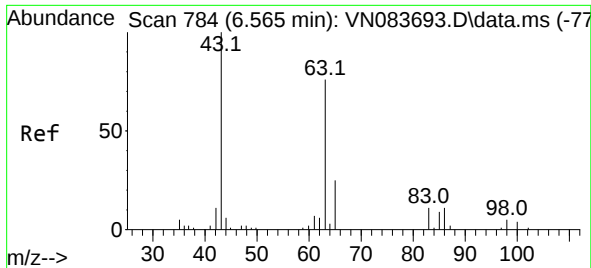
Supervised By :Mahesh Dadoda 09/10/2024



#20
Diisopropyl ether
Concen: 19.746 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

Tgt Ion: 45 Resp: 118958
Ion Ratio Lower Upper
45 100
43 50.3 40.4 60.6
87 28.4 23.8 35.8
59 11.6 9.8 14.6





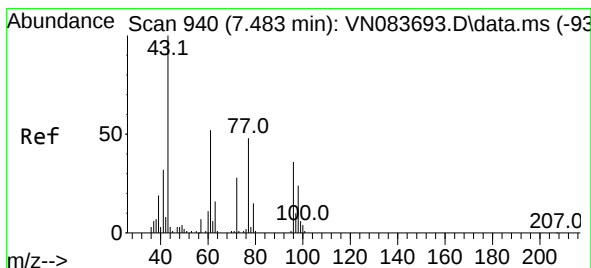
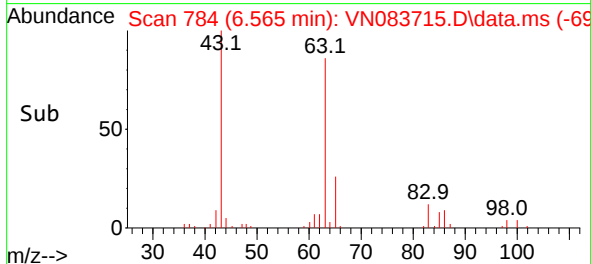
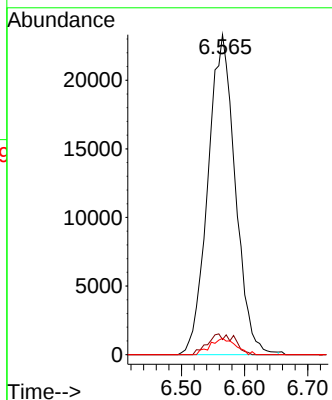
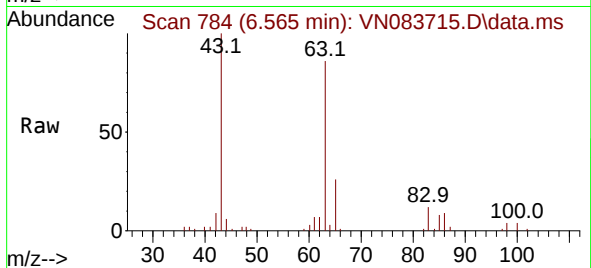
#21
1,1-Dichloroethane
Concen: 20.424 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 70250
Ion Ratio Lower Upper
63 100
98 4.8 4.1 12.3
100 5.1 3.0 9.0

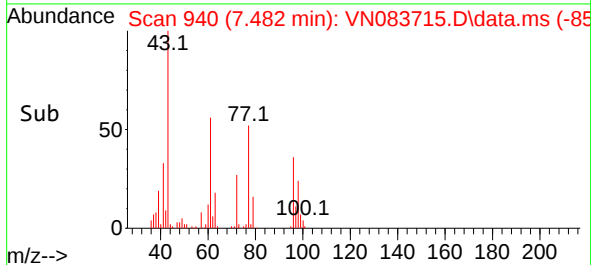
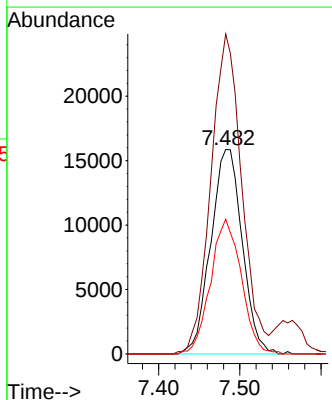
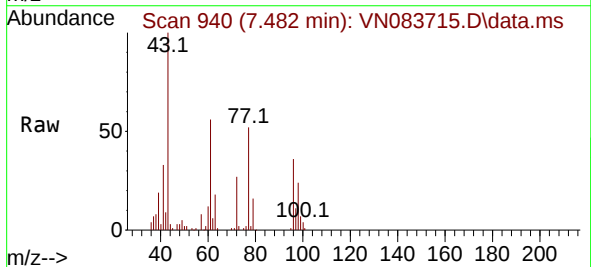
Manual Integrations
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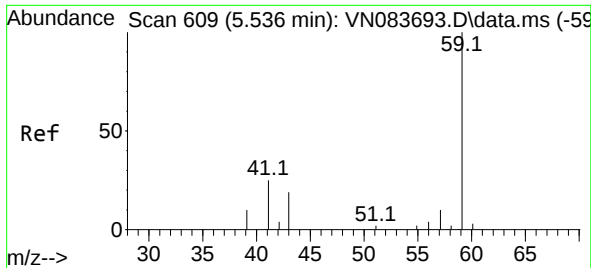
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#22
cis-1,2-Dichloroethene
Concen: 19.904 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

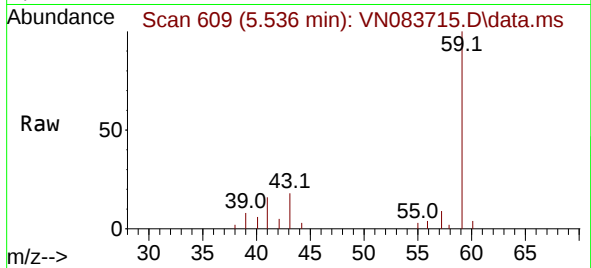
Tgt Ion: 96 Resp: 42711
Ion Ratio Lower Upper
96 100
61 153.7 113.5 170.3
98 64.6 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 103.267 ug/l m
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

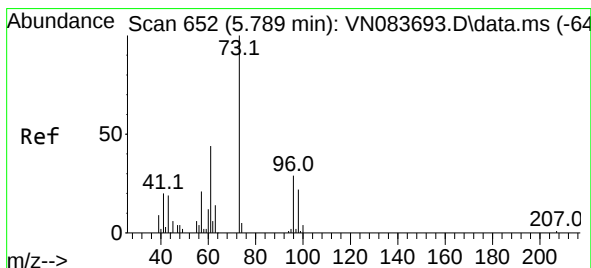
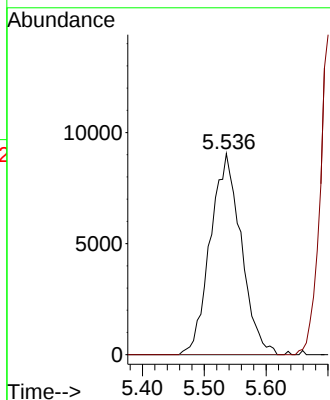
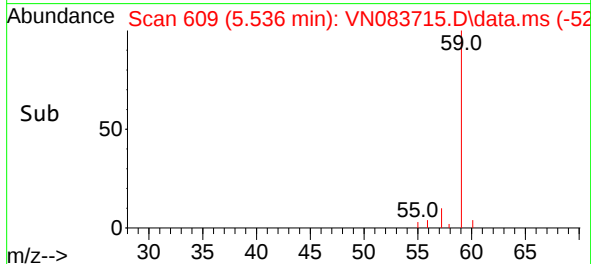
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



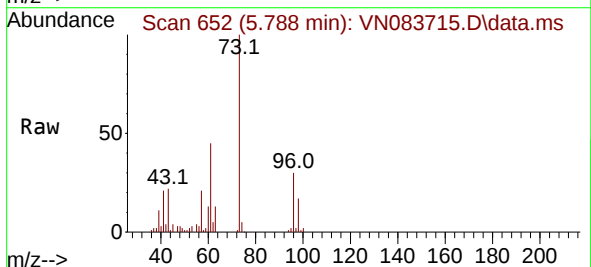
Tgt Ion: 59 Resp: 3146
Ion Ratio Lower Upper
59 100
52 221.2 0.0 0.0

Manual Integrations
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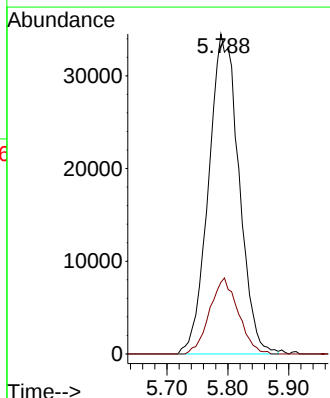
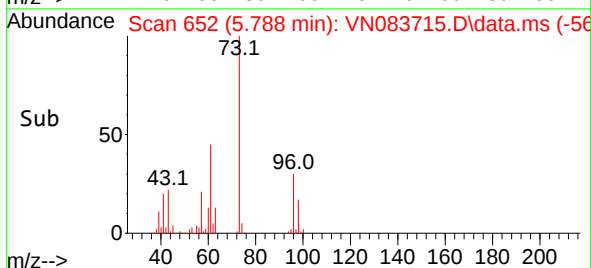
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

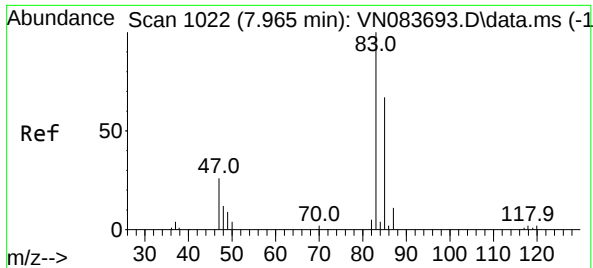


#24
Methyl tert-Butyl Ether
Concen: 19.788 ug/l
RT: 5.788 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06



Tgt Ion: 73 Resp: 119622
Ion Ratio Lower Upper
73 100
43 22.3 13.4 20.2





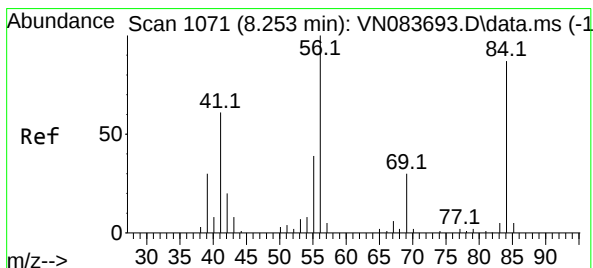
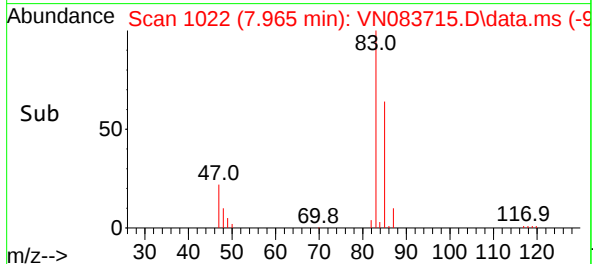
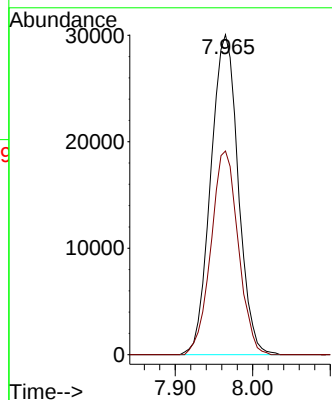
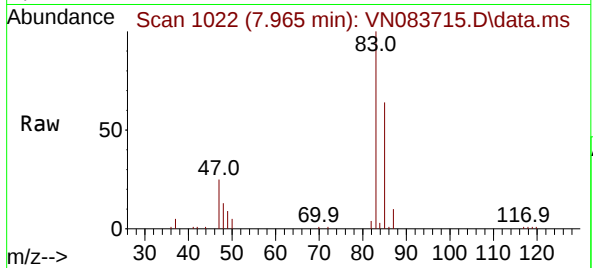
#25
Chloroform
Concen: 20.269 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 7388
Ion Ratio Lower Upper
83 100
85 63.6 50.9 76.3

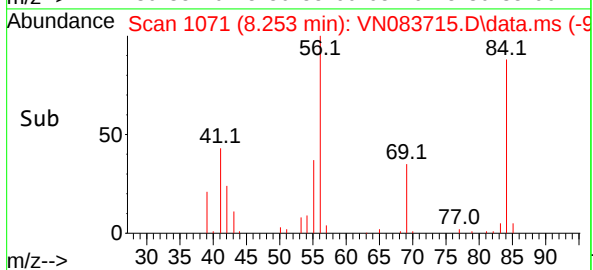
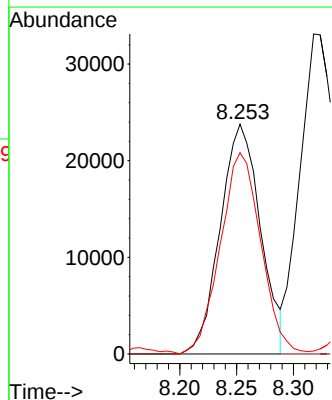
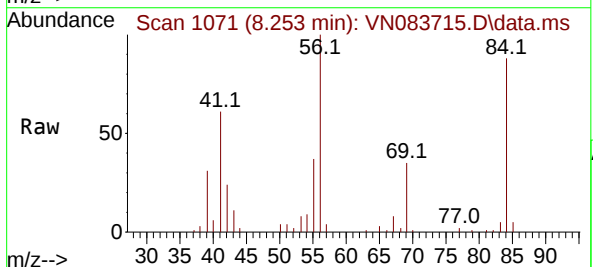
Manual Integrations
APPROVED

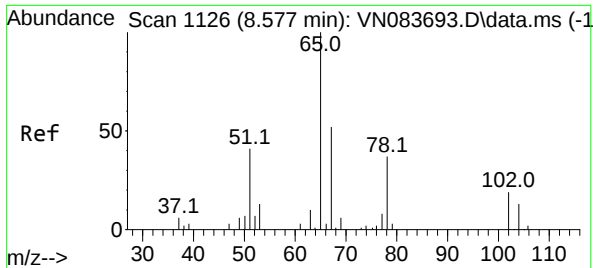
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#26
Cyclohexane
Concen: 19.353 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

Tgt Ion: 56 Resp: 58629
Ion Ratio Lower Upper
56 100
89 0.0 19.3 28.9#
84 88.2 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 30.228 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

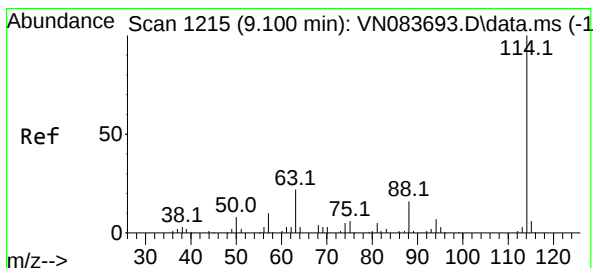
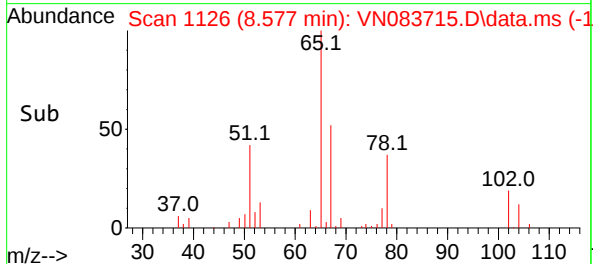
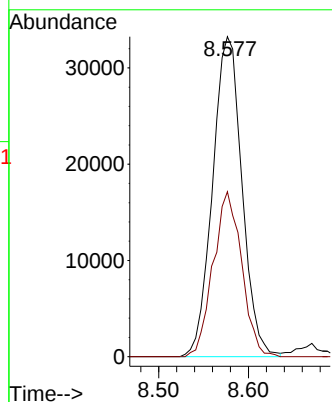
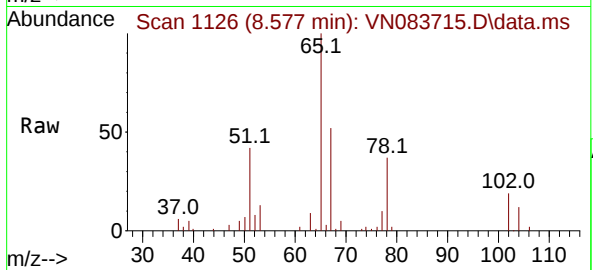
Tgt Ion: 65 Resp: 75624
Ion Ratio Lower Upper
65 100
67 49.9 43.2 64.8

Manual Integrations

APPROVED

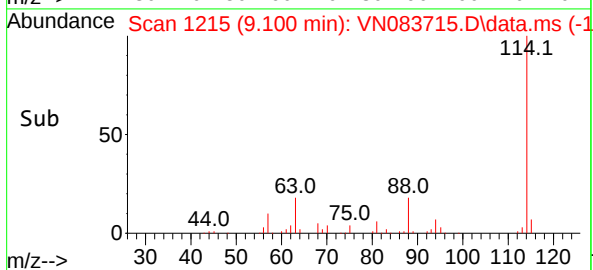
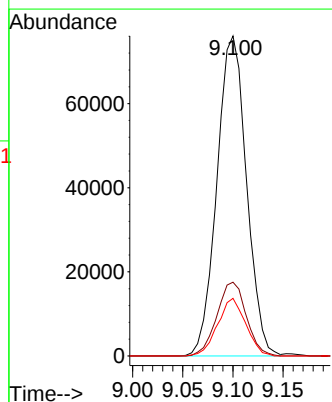
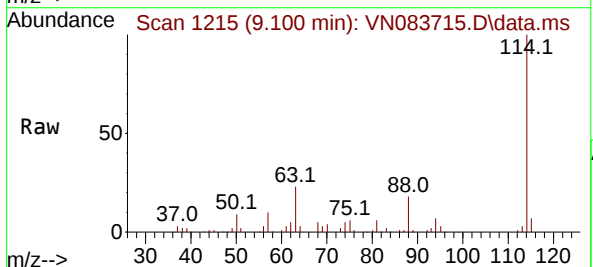
Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

Tgt Ion:114 Resp: 156228
Ion Ratio Lower Upper
114 100
63 22.9 15.9 23.9
88 17.1 12.7 19.1





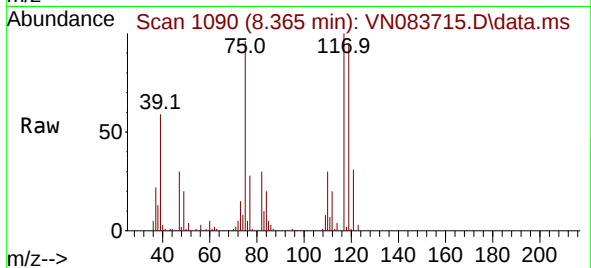
#29
1,1-Dichloropropene
Concen: 19.958 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



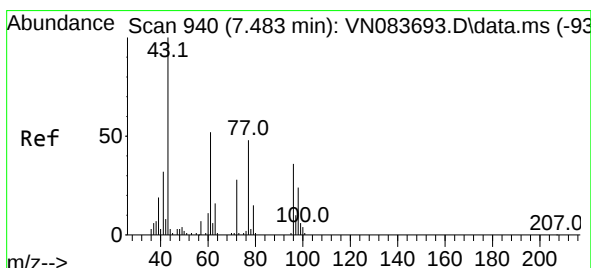
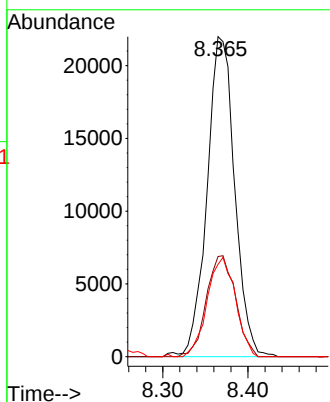
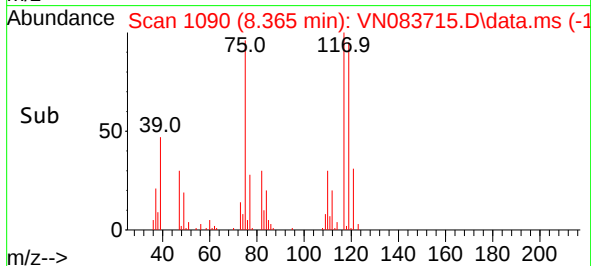
Tgt Ion: 75 Resp: 4945
Ion Ratio Lower Upper
75 100
110 33.3 0.0 70.2
77 31.8 0.0 61.4

Manual Integrations

APPROVED

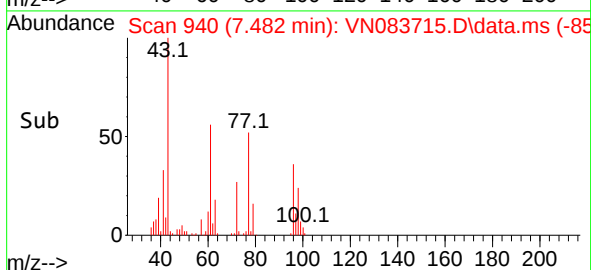
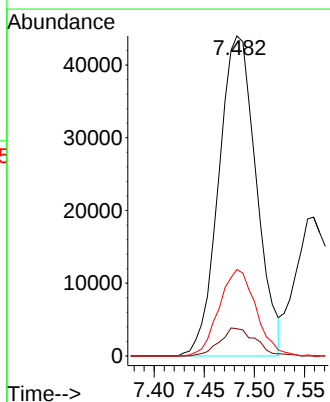
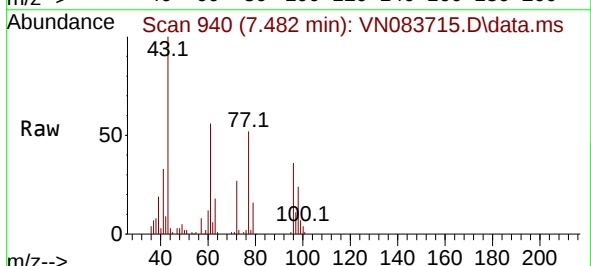
Reviewed By :John Carlone 09/10/2024

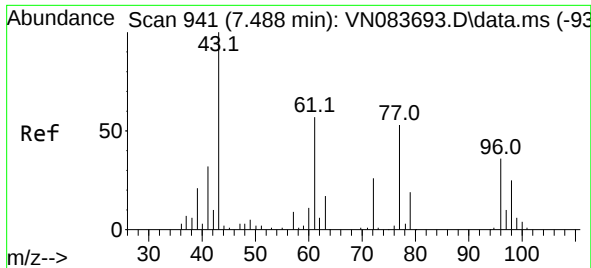
Supervised By :Mahesh Dadoda 09/10/2024



#30
2-Butanone
Concen: 98.193 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

Tgt Ion: 43 Resp: 114699
Ion Ratio Lower Upper
43 100
57 8.3 6.7 10.1
72 26.5 24.0 36.0





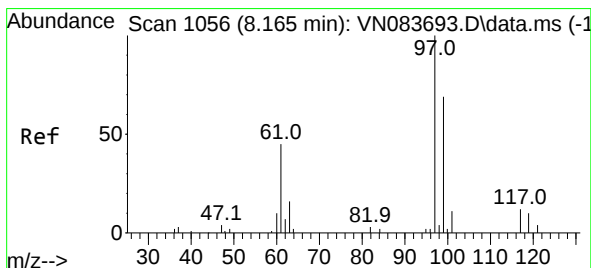
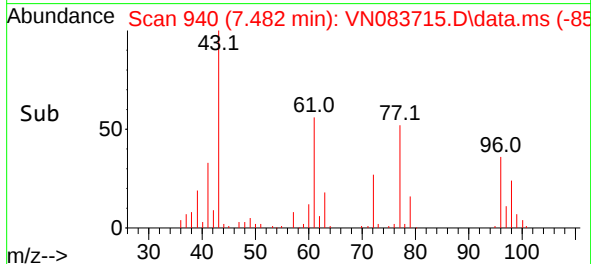
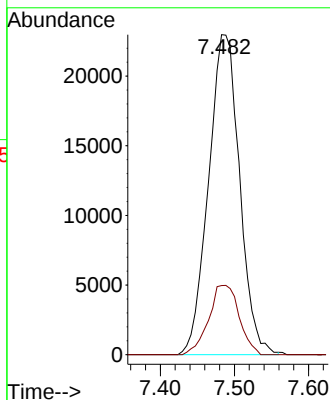
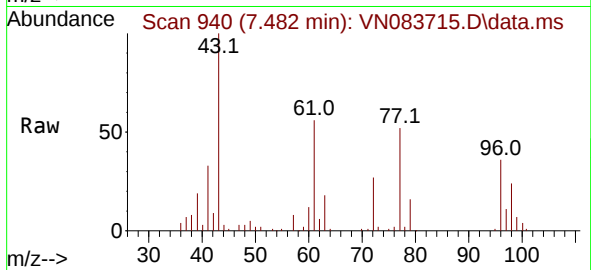
#31
2,2-Dichloropropane
Concen: 21.177 ug/l
RT: 7.482 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 6690
Ion Ratio Lower Upper
77 100
97 21.3 18.3 27.5

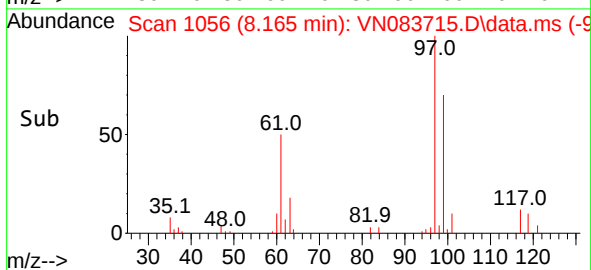
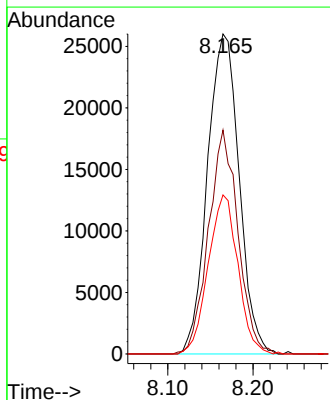
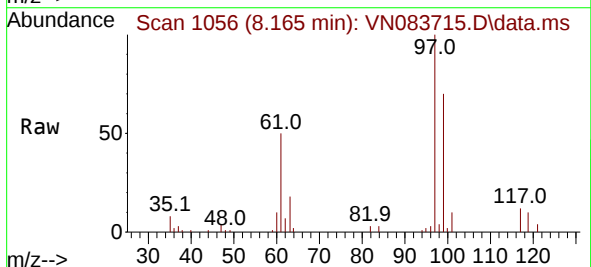
Manual Integrations
APPROVED

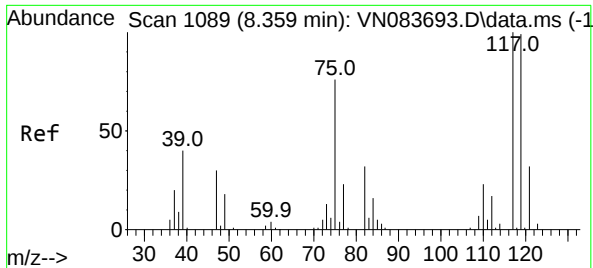
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#32
1,1,1-Trichloroethane
Concen: 20.279 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

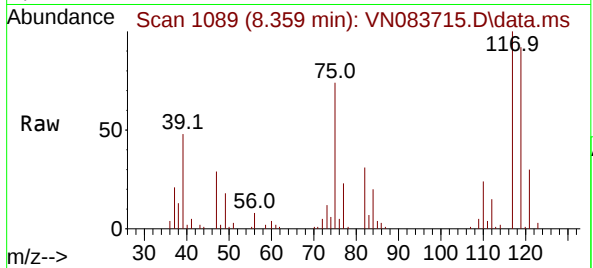
Tgt Ion: 97 Resp: 67110
Ion Ratio Lower Upper
97 100
99 65.1 51.0 76.4
61 46.6 33.8 50.8





#33
Carbon Tetrachloride
Concen: 20.821 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

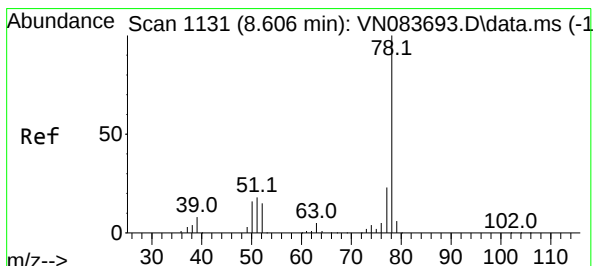
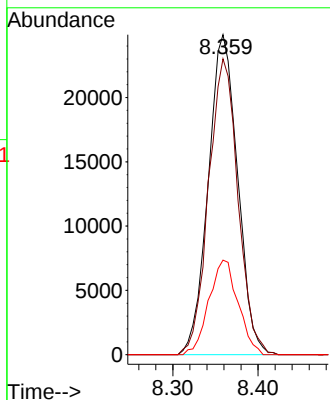
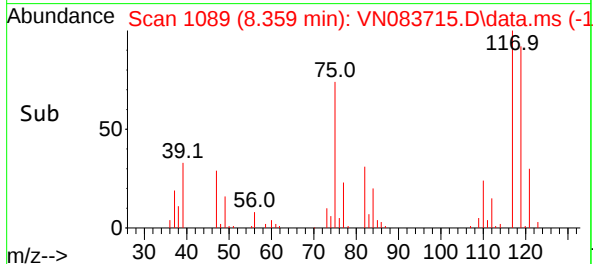
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



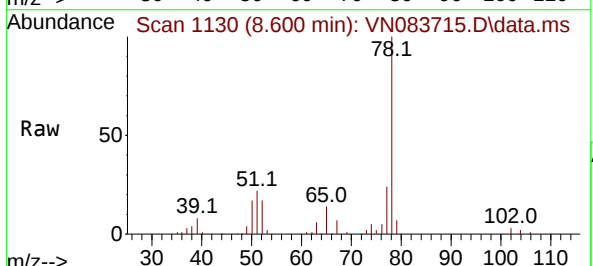
Tgt Ion:117 Resp: 59669
Ion Ratio Lower Upper
117 100
119 92.4 77.7 116.5
121 29.6 27.0 40.6

Manual Integrations
APPROVED

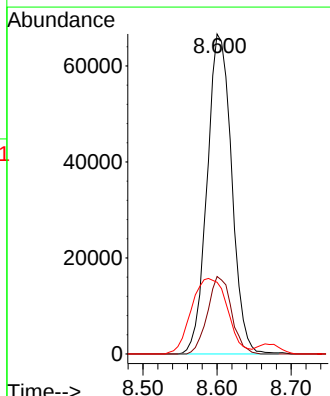
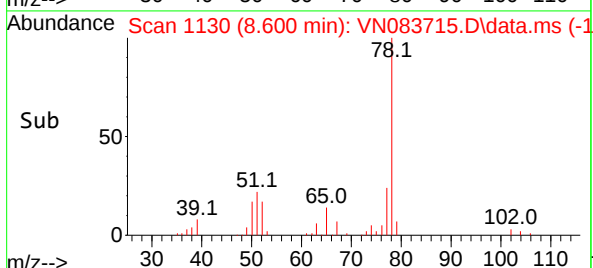
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

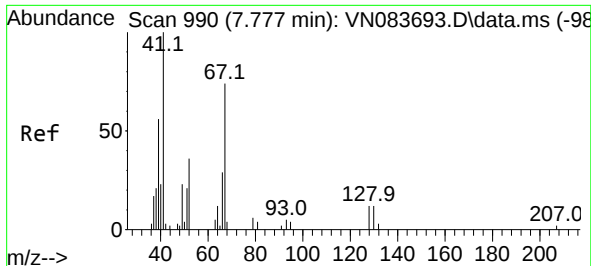


#34
Benzene
Concen: 20.640 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06



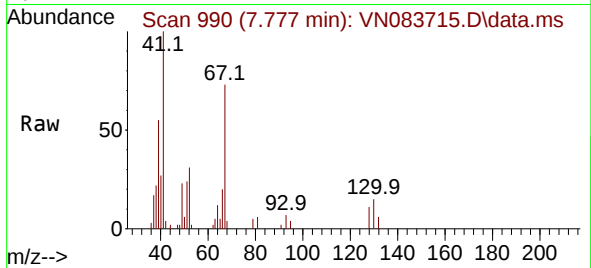
Tgt Ion: 78 Resp: 153461
Ion Ratio Lower Upper
78 100
77 24.2 19.2 28.8
51 20.3 13.3 19.9#





#35
Methacrylonitrile
Concen: 20.637 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

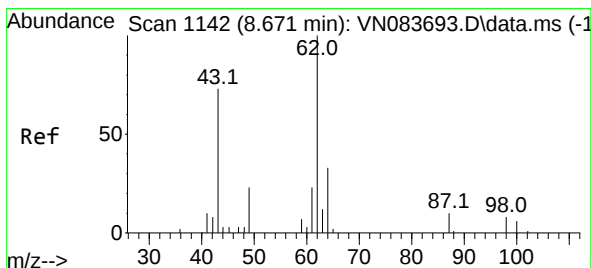
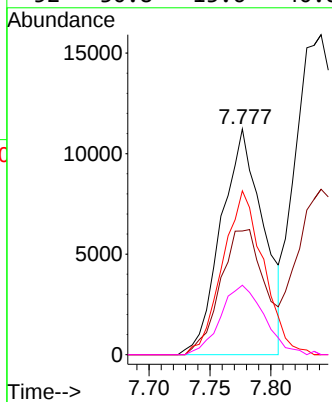
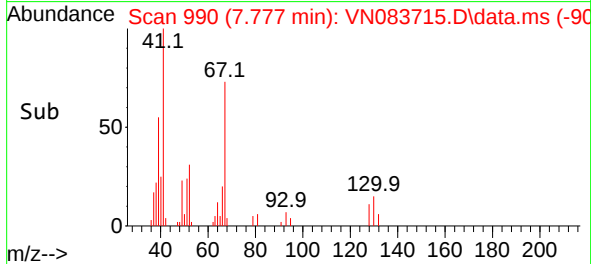
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 41 Resp: 27098
Ion Ratio Lower Upper
41 100
39 54.8 25.3 75.9
67 72.6 38.7 116.1
52 30.8 13.6 40.8

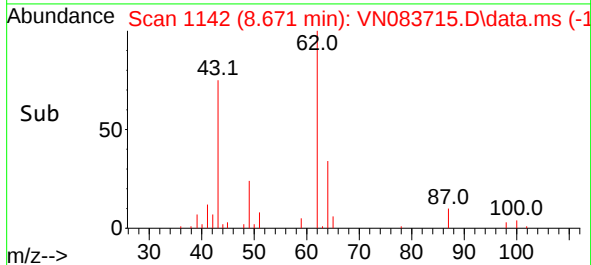
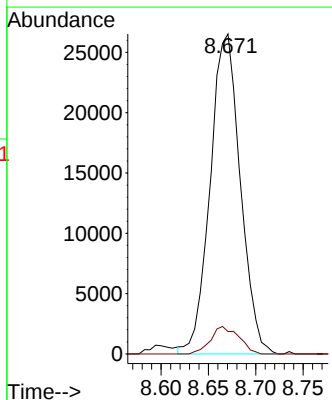
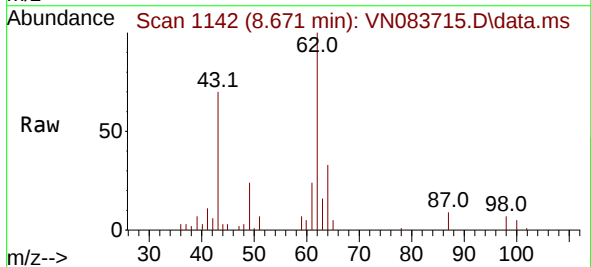
Manual Integrations
APPROVED

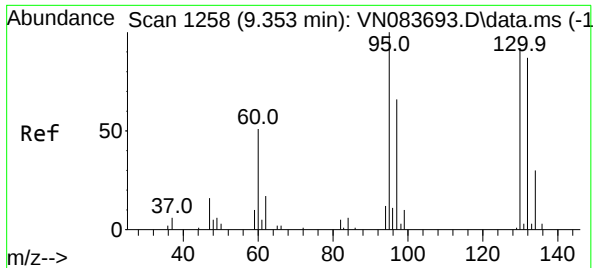
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#36
1,2-Dichloroethane
Concen: 21.032 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

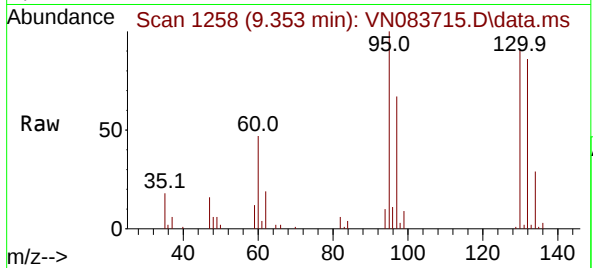
Tgt Ion: 62 Resp: 58788
Ion Ratio Lower Upper
62 100
98 8.0 8.2 12.4





#37
Trichloroethene
Concen: 19.845 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

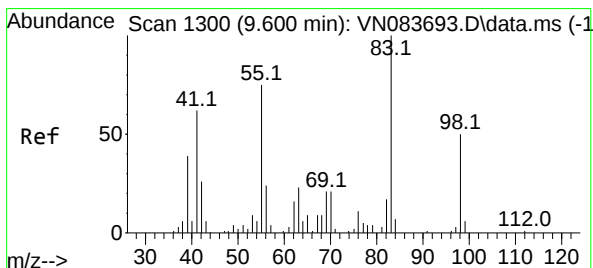
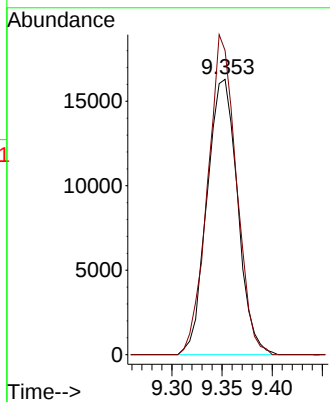
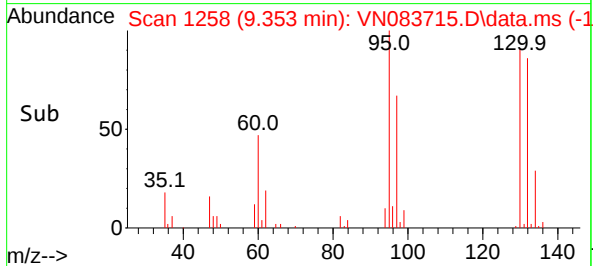
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



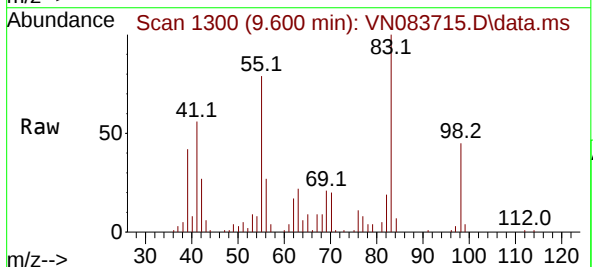
Tgt Ion:130 Resp: 3464
Ion Ratio Lower Upper
130 100
95 110.5 80.2 120.4

Manual Integrations
APPROVED

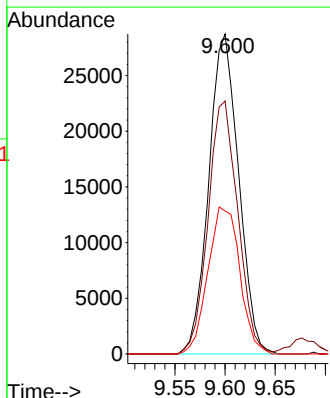
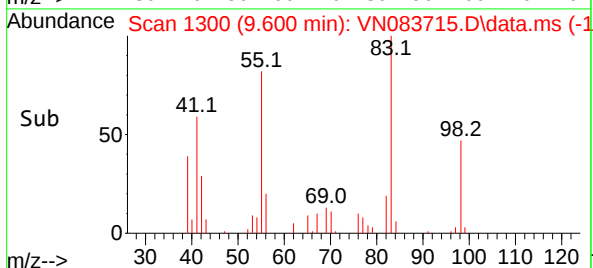
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

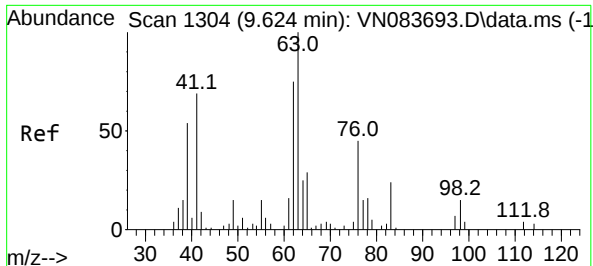


#38
Methylcyclohexane
Concen: 20.083 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06



Tgt Ion: 83 Resp: 59581
Ion Ratio Lower Upper
83 100
55 78.6 36.6 109.9
98 49.0 23.8 71.5





#39

1,2-Dichloropropane

Concen: 20.254 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN083715.D

Acq: 09 Sep 2024 14:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 3624

Ion Ratio Lower Upper

63 100

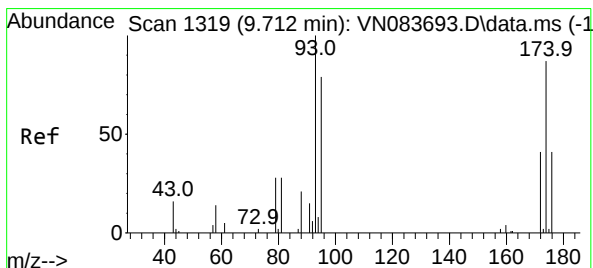
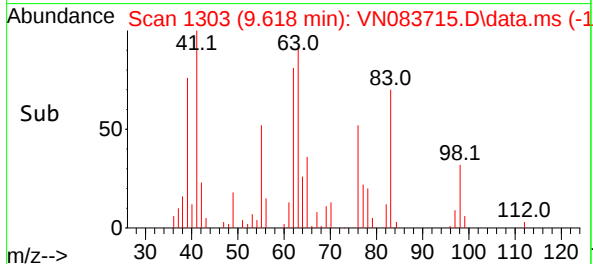
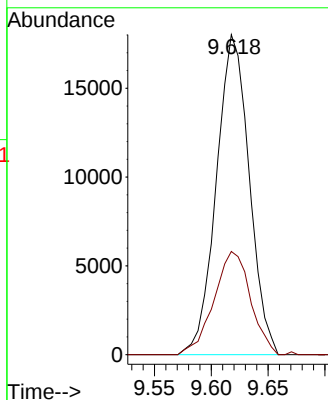
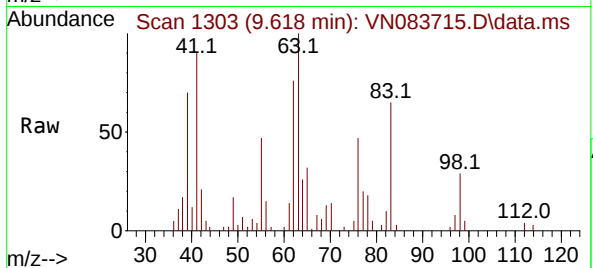
65 32.3 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024



#40

Dibromomethane

Concen: 20.524 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN083715.D

Acq: 09 Sep 2024 14:06

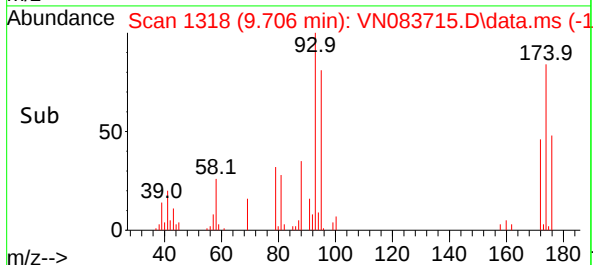
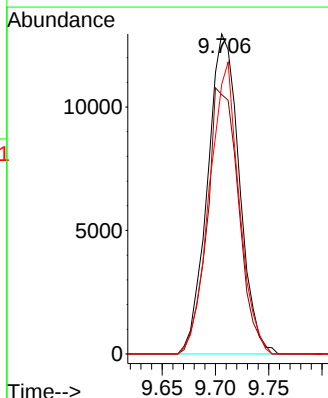
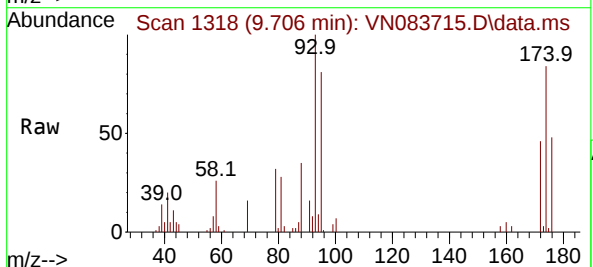
Tgt Ion: 93 Resp: 26854

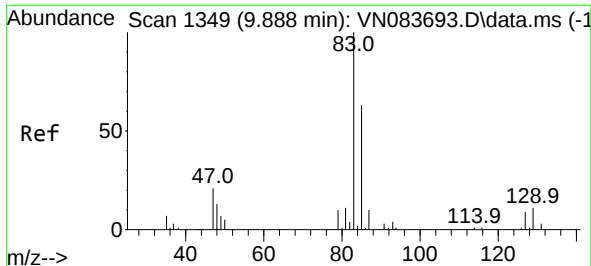
Ion Ratio Lower Upper

93 100

95 82.3 0.0 164.6

174 85.2 0.0 193.2





#41
Bromodichloromethane
Concen: 20.418 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

Instrument :

MSVOA_N

ClientSampleId :

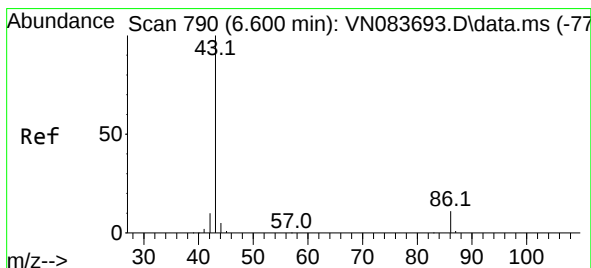
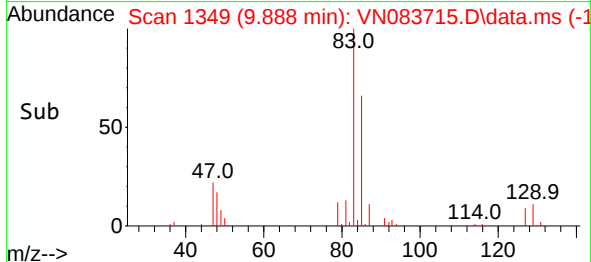
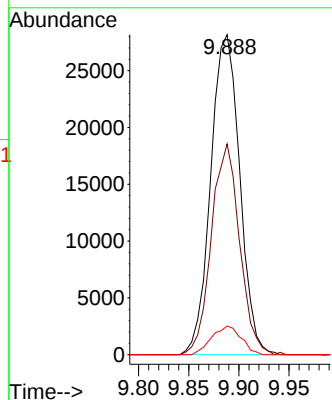
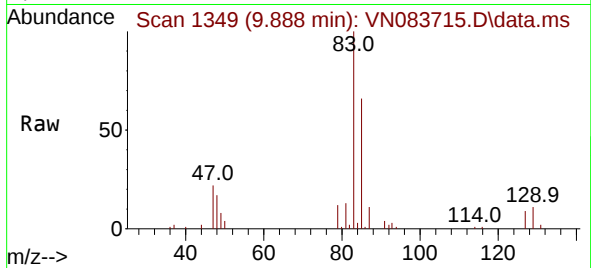
VSTDCCC020EC

Tgt Ion: 83 Resp: 5680
Ion Ratio Lower Upper
83 100
85 65.9 49.4 74.2
127 9.0 7.3 10.9

Manual Integrations

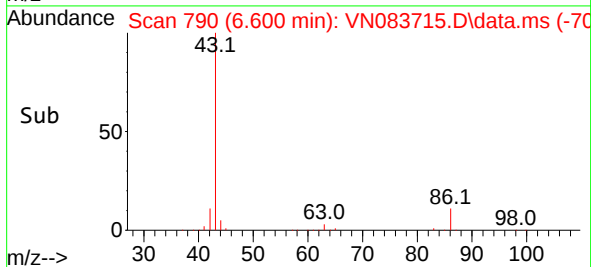
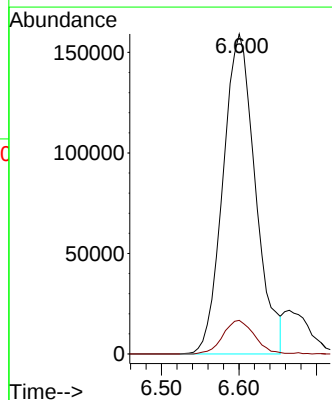
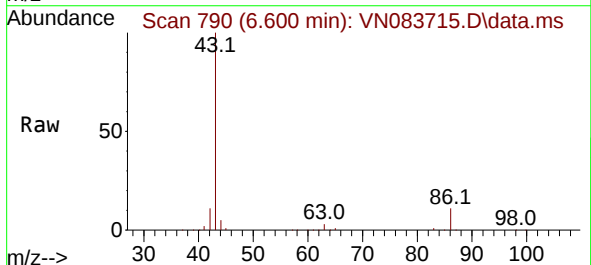
APPROVED

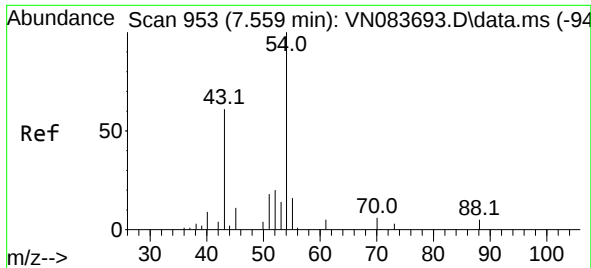
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#42
Vinyl Acetate
Concen: 96.427 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

Tgt Ion: 43 Resp: 463100
Ion Ratio Lower Upper
43 100
86 10.2 9.4 14.2





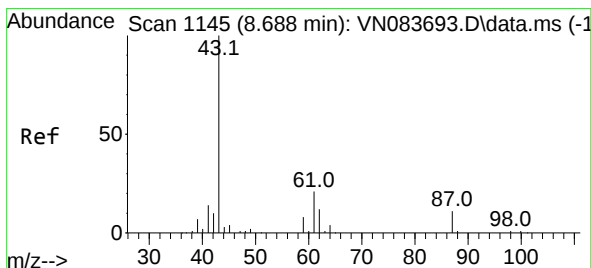
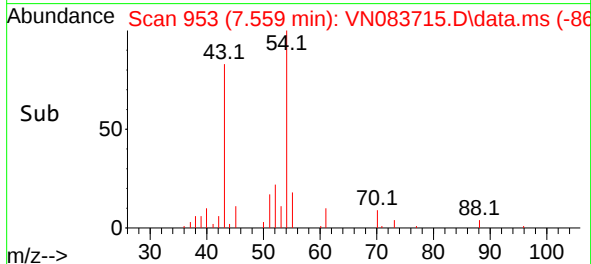
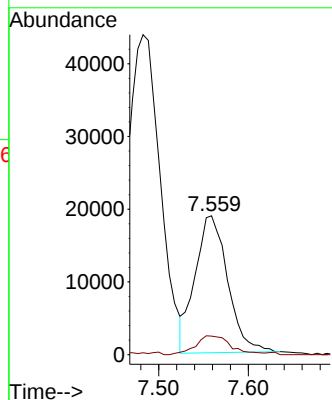
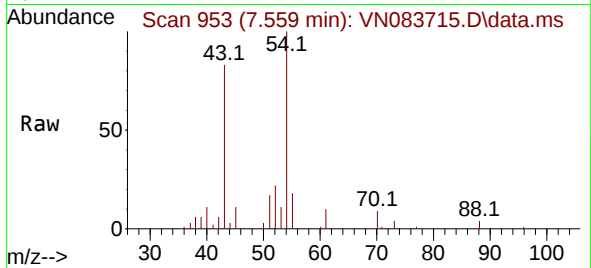
#43
Ethyl Acetate
Concen: 20.250 ug/l
RT: 7.559 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 4761
Ion Ratio Lower Upper
43 100
45 14.8 10.6 15.8

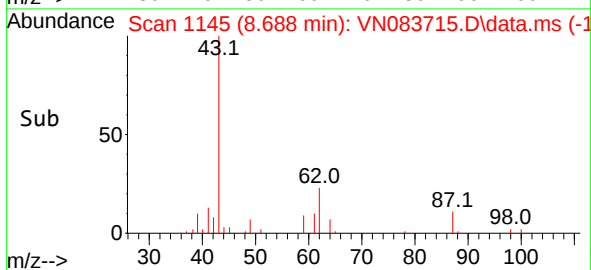
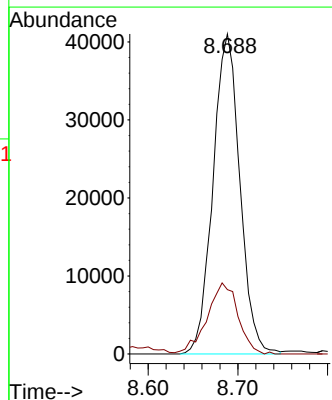
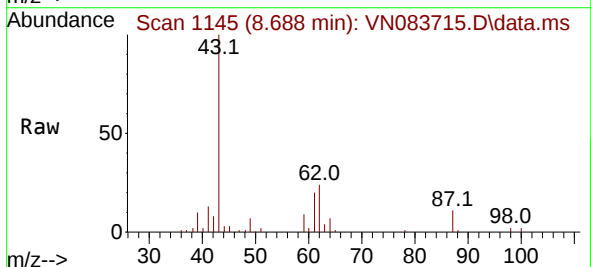
Manual Integrations
APPROVED

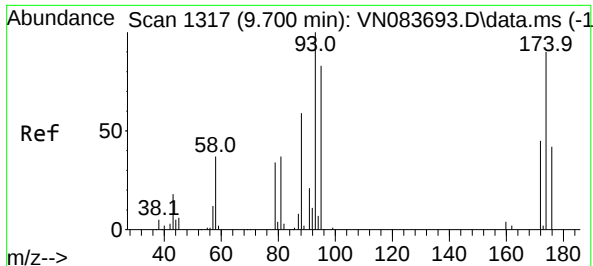
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#44
Isopropyl Acetate
Concen: 20.980 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

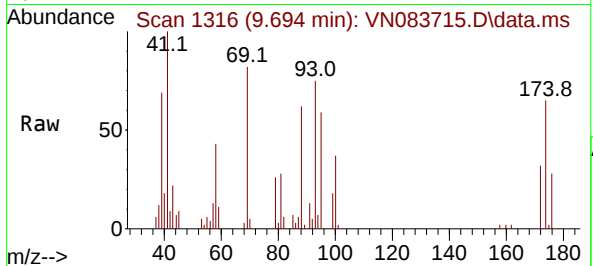
Tgt Ion: 43 Resp: 85317
Ion Ratio Lower Upper
43 100
61 25.4 25.0 37.4





#45
1,4-Dioxane
Concen: 415.074 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

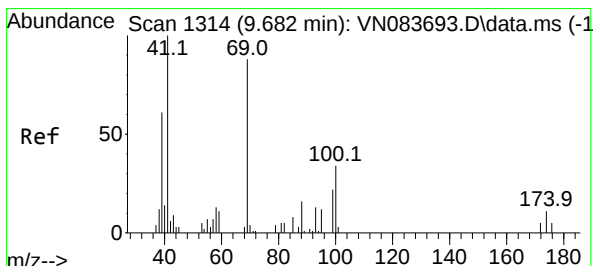
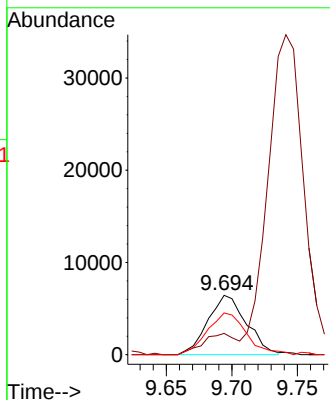
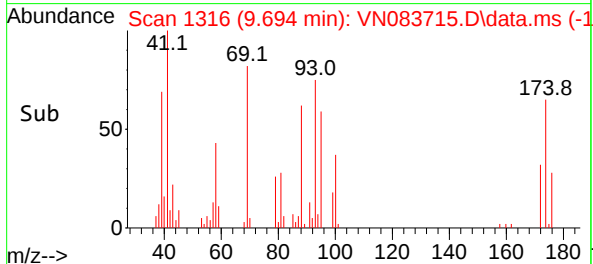
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 88 Resp: 1316
Ion Ratio Lower Upper
88 100
43 31.3 19.8 29.6
58 71.2 55.4 83.0

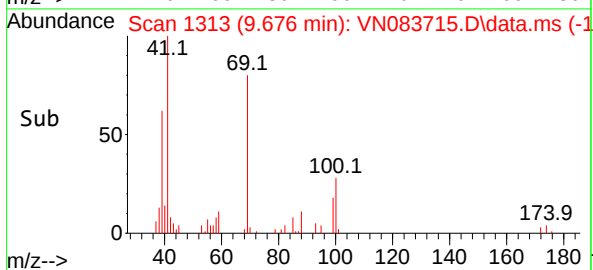
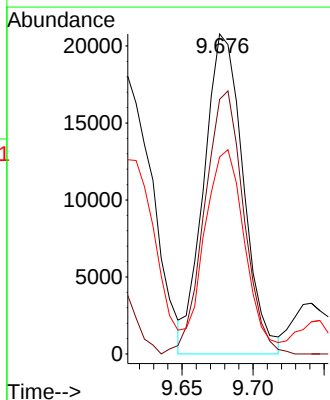
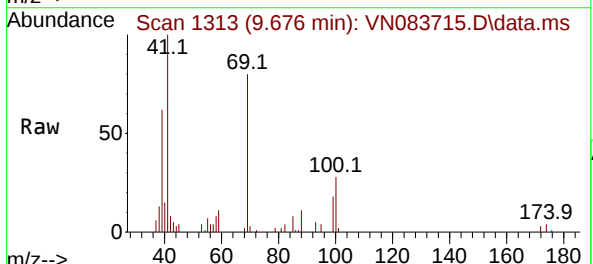
Manual Integrations
APPROVED

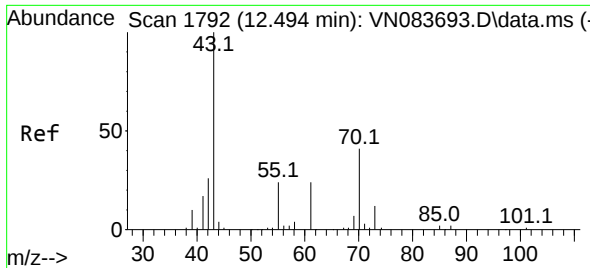
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#46
Methyl methacrylate
Concen: 20.366 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

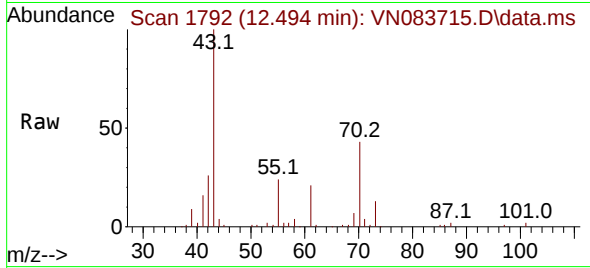
Tgt Ion: 41 Resp: 40087
Ion Ratio Lower Upper
41 100
69 82.5 51.1 153.3
39 61.3 25.8 77.3





#47
n-amy1 Acetate
Concen: 20.492 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

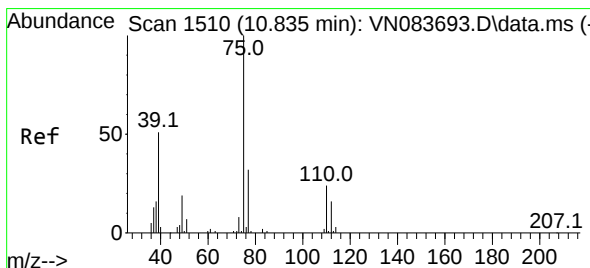
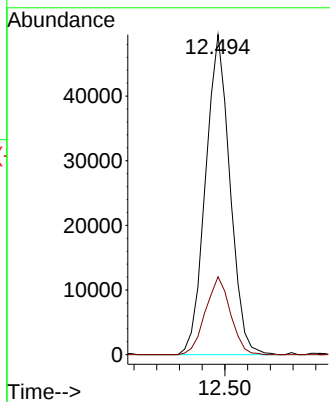
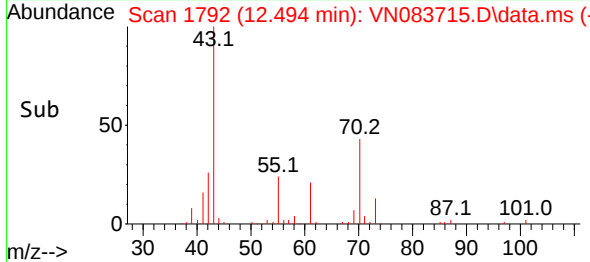
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 73814
Ion Ratio Lower Upper
43 100
55 24.8 23.4 35.2

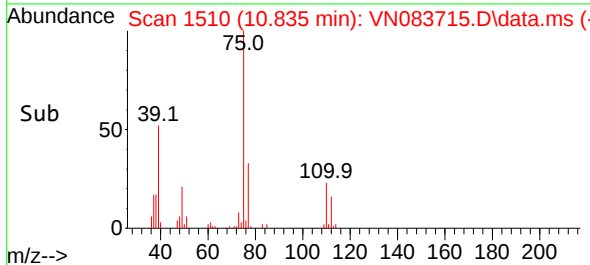
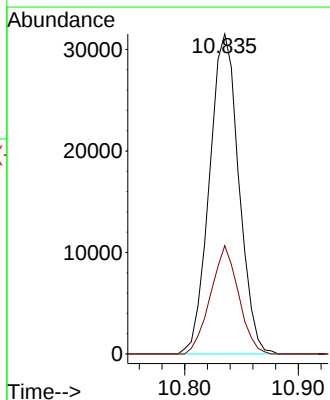
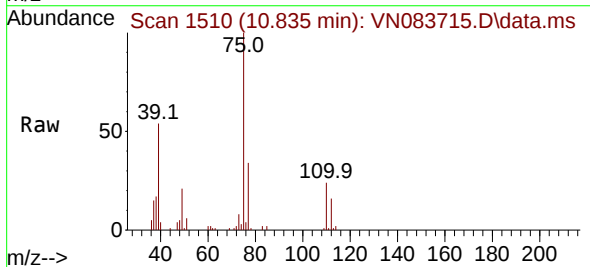
Manual Integrations
APPROVED

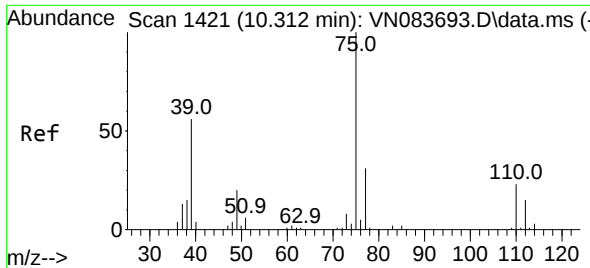
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#48
t-1,3-Dichloropropene
Concen: 19.368 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

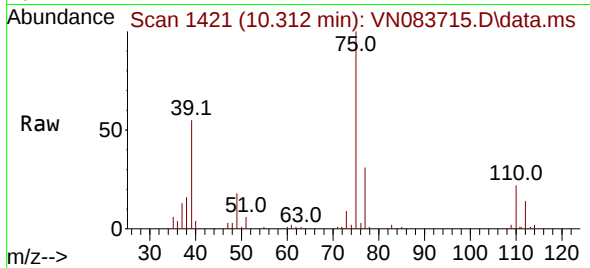
Tgt Ion: 75 Resp: 56681
Ion Ratio Lower Upper
75 100
77 33.8 23.8 35.6





#49
 cis-1,3-Dichloropropene
 Concen: 20.283 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN083715.D
 Acq: 09 Sep 2024 14:06

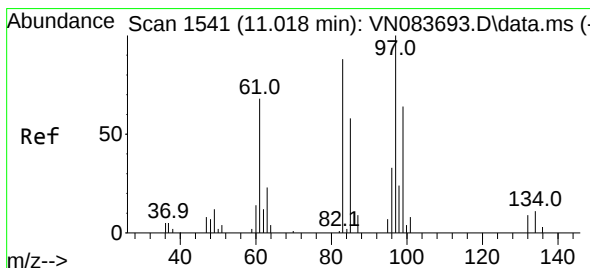
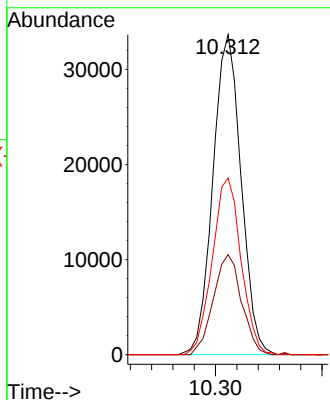
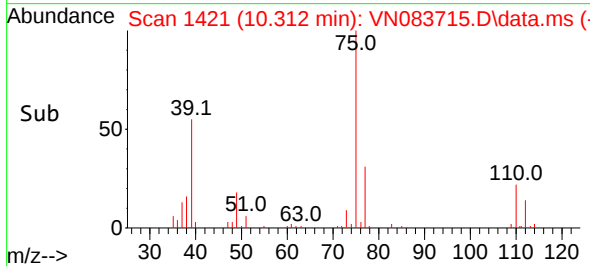
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 75 Resp: 61730
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.9 37.3
 39 55.2 31.0 46.6

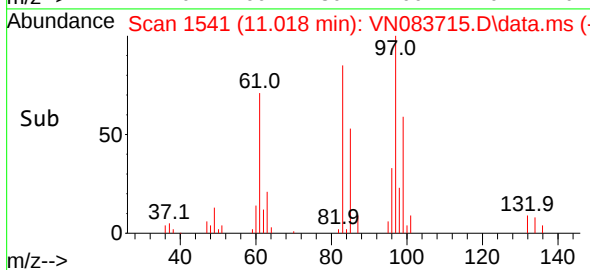
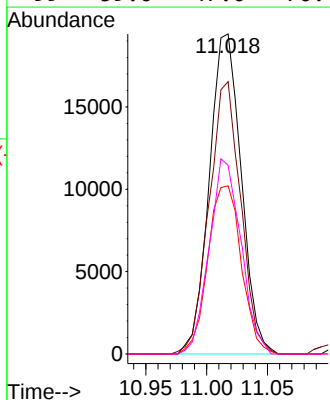
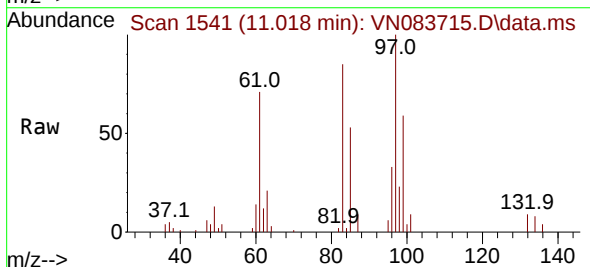
Manual Integrations
 APPROVED

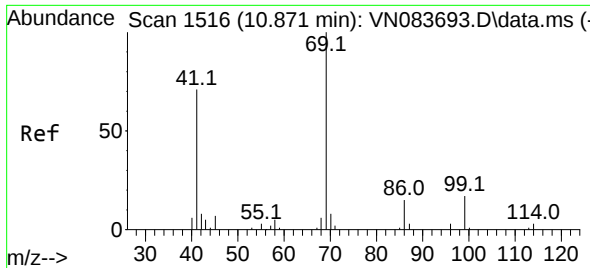
Reviewed By :John Carlone 09/10/2024
 Supervised By :Mahesh Dadoda 09/10/2024



#50
 1,1,2-Trichloroethane
 Concen: 21.318 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN083715.D
 Acq: 09 Sep 2024 14:06

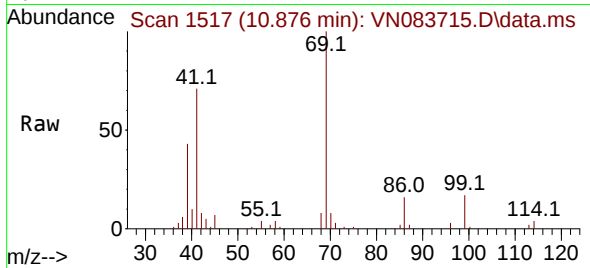
Tgt Ion: 97 Resp: 35493
 Ion Ratio Lower Upper
 97 100
 83 85.1 68.1 102.1
 85 52.6 41.8 62.6
 99 59.0 47.0 70.4





#51
Ethyl methacrylate
Concen: 19.837 ug/l
RT: 10.876 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

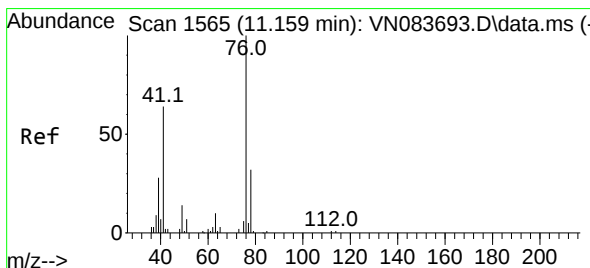
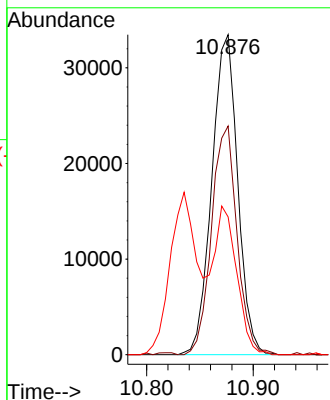
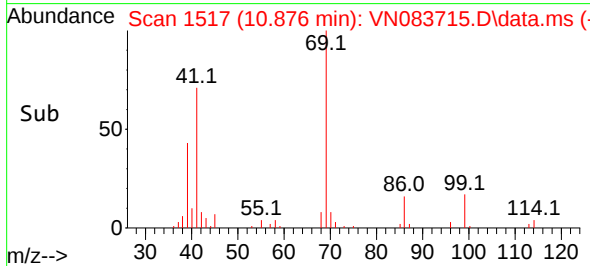
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 56424
Ion Ratio Lower Upper
69 100
41 71.4 25.5 76.5
39 43.1 16.0 47.9

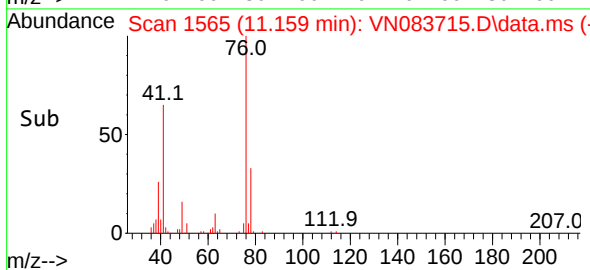
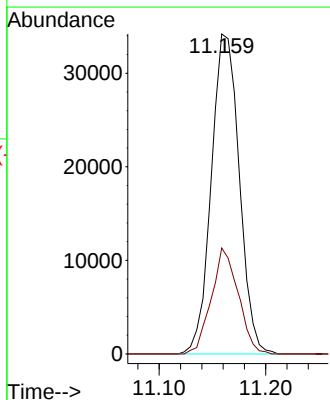
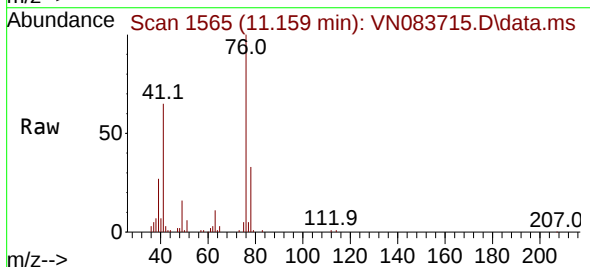
Manual Integrations
APPROVED

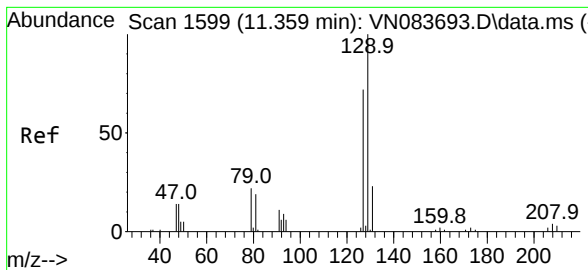
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#52
1,3-Dichloropropane
Concen: 20.753 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

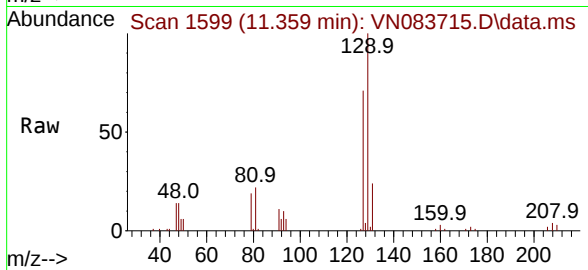
Tgt Ion: 76 Resp: 62396
Ion Ratio Lower Upper
76 100
78 31.8 0.0 65.8





#53
Dibromochloromethane
Concen: 20.096 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

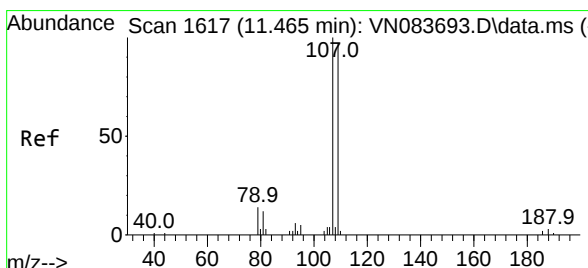
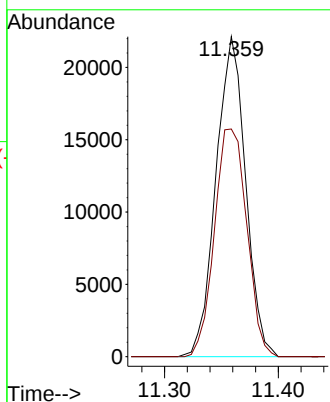
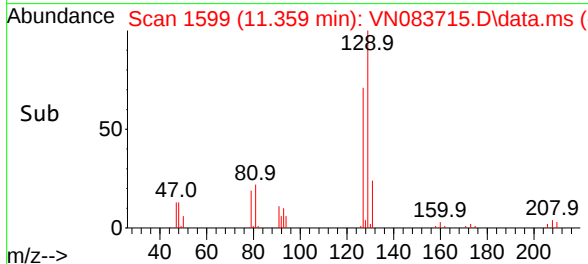
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



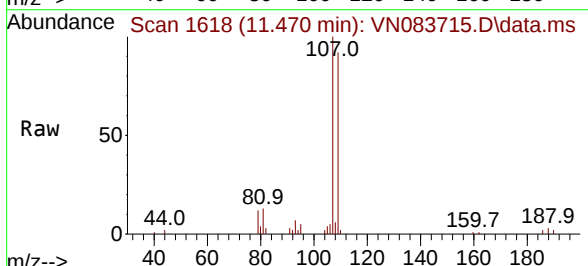
Tgt Ion:129 Resp: 40130
Ion Ratio Lower Upper
129 100
127 77.6 39.4 118.1

Manual Integrations
APPROVED

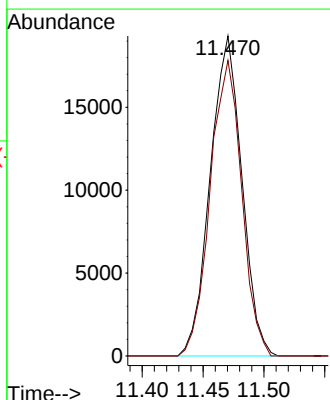
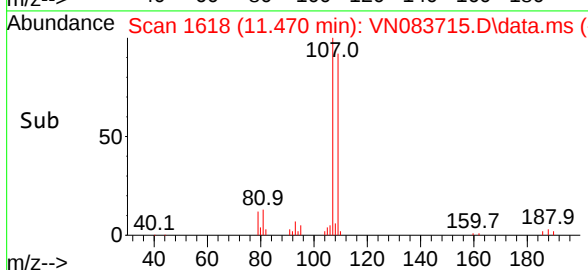
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

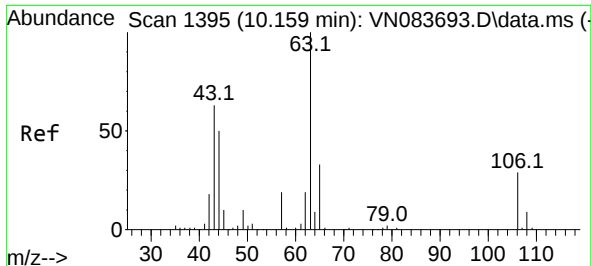


#54
1,2-Dibromoethane
Concen: 20.287 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06



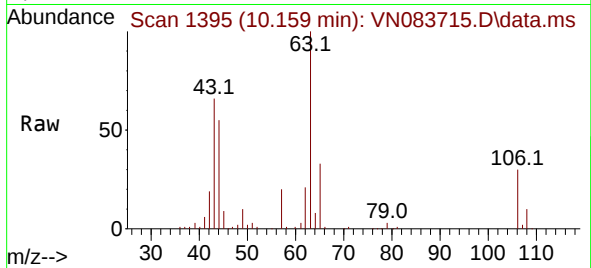
Tgt Ion:107 Resp: 34942
Ion Ratio Lower Upper
107 100
109 91.7 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 89.248 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

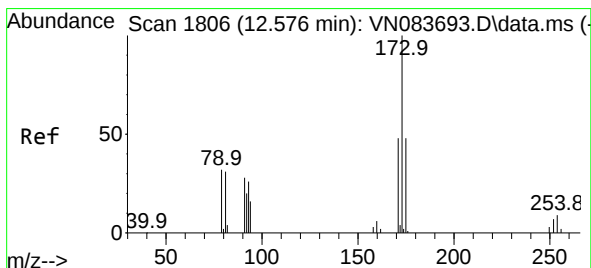
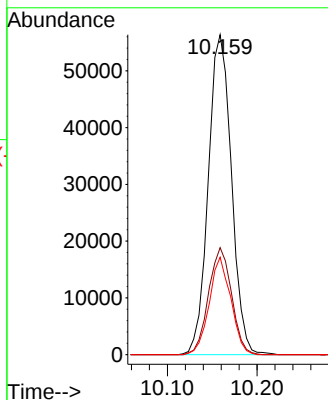
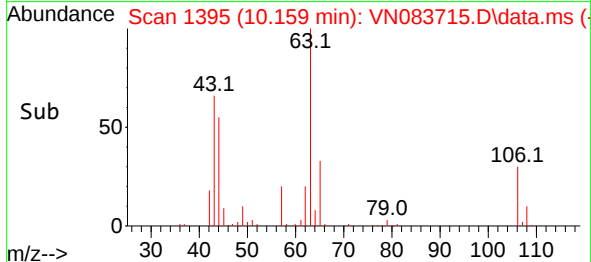
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 101169
Ion Ratio Lower Upper
63 100
65 33.3 26.2 39.2
106 28.5 23.8 35.8

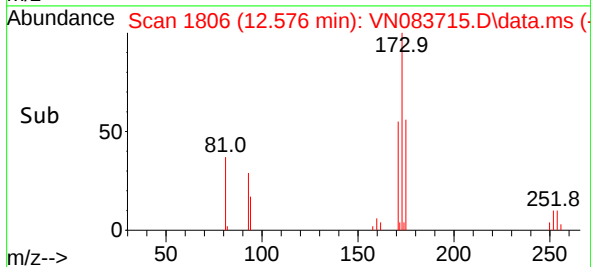
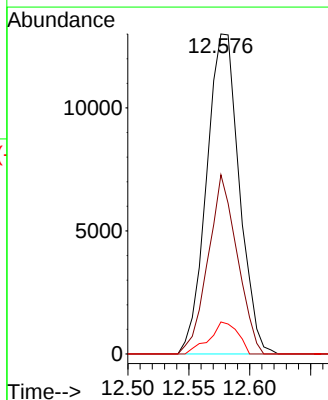
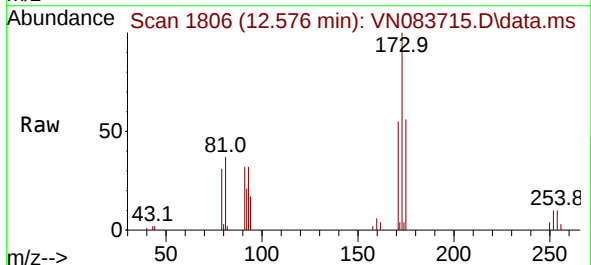
Manual Integrations
APPROVED

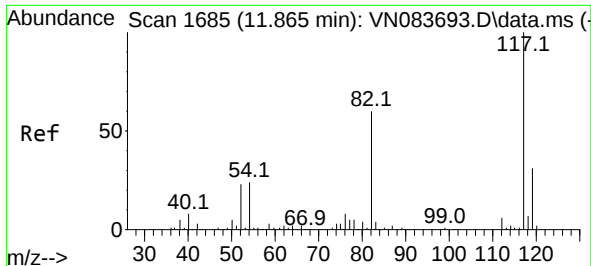
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#56
Bromoform
Concen: 19.098 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

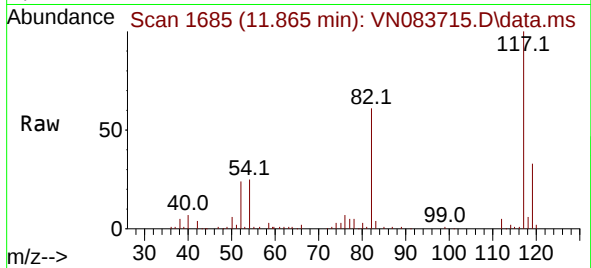
Tgt Ion:173 Resp: 24229
Ion Ratio Lower Upper
173 100
175 50.1 40.0 60.0
254 8.7 8.3 12.5





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

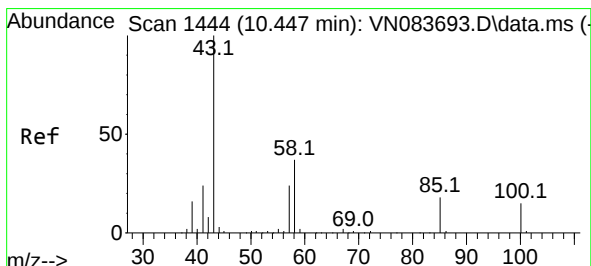
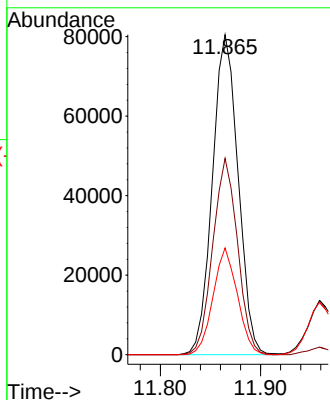
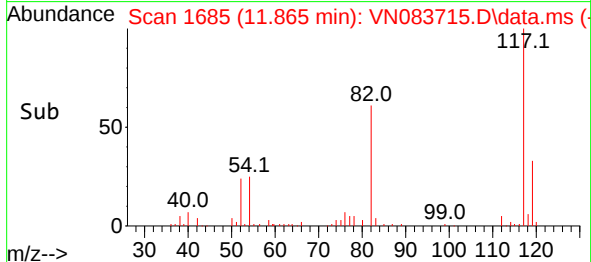
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



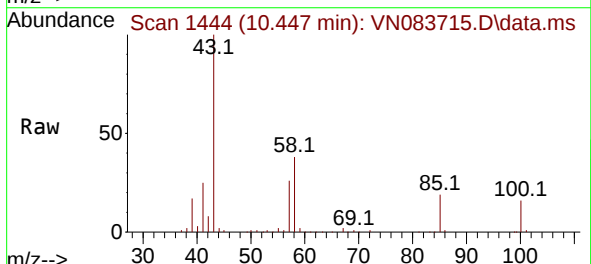
Tgt Ion: 117 Resp: 14333
Ion Ratio Lower Upper
117 100
82 59.1 46.6 69.8
119 31.6 25.4 38.2

Manual Integrations
APPROVED

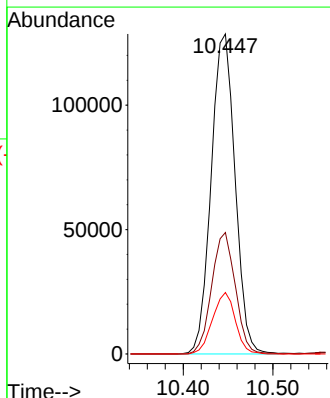
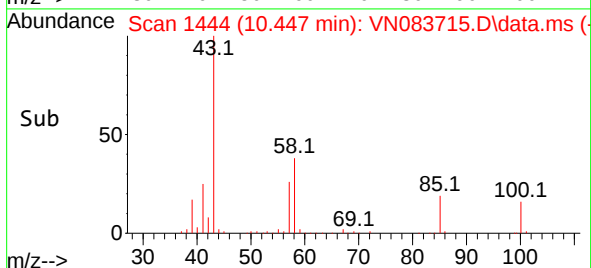
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

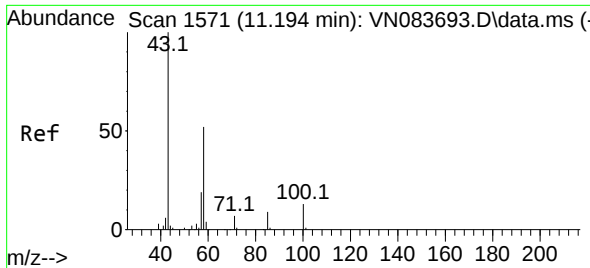


#58
4-Methyl-2-Pentanone
Concen: 104.857 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06



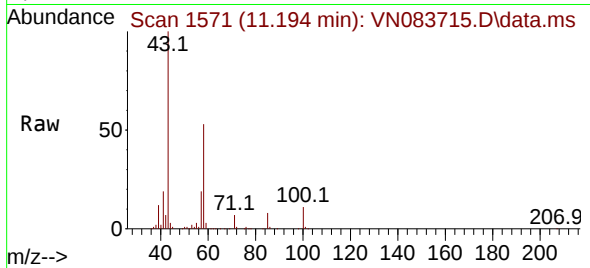
Tgt Ion: 43 Resp: 238307
Ion Ratio Lower Upper
43 100
58 37.6 36.5 54.7
85 18.3 19.5 29.3#





#59
2-Hexanone
Concen: 101.193 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

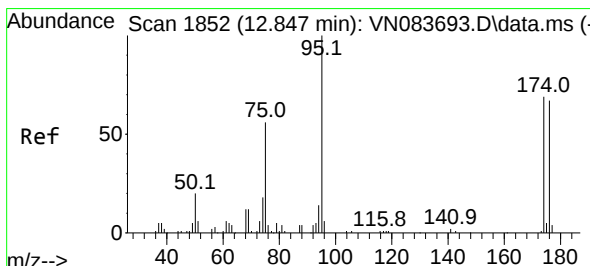
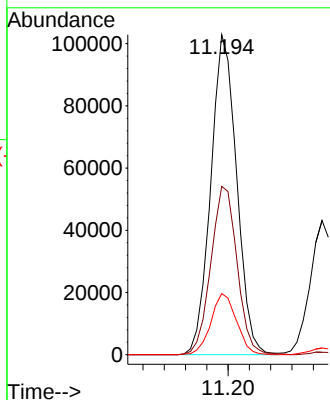
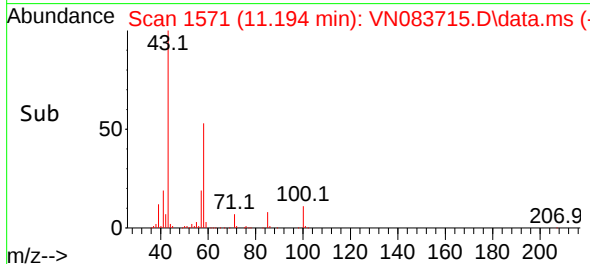
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 173770
Ion Ratio Lower Upper
43 100
58 53.2 50.4 75.6
57 18.9 18.6 27.8

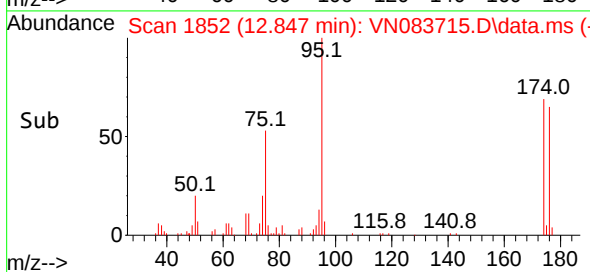
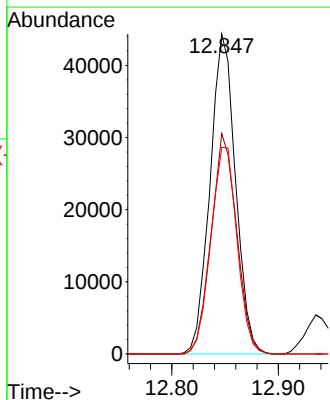
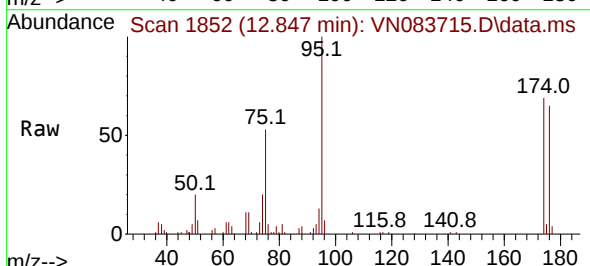
Manual Integrations
APPROVED

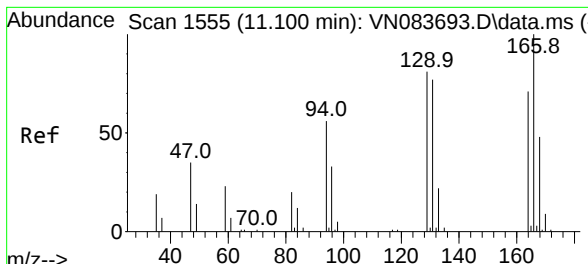
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#60
4-Bromofluorobenzene
Concen: 29.845 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

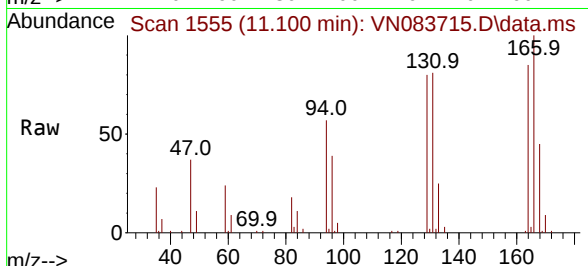
Tgt Ion: 95 Resp: 73725
Ion Ratio Lower Upper
95 100
174 69.0 60.5 90.7
176 66.4 57.8 86.6





#61
 Tetrachloroethene
 Concen: 19.363 ug/l
 RT: 11.100 min Scan# 1555
 Delta R.T. -0.000 min
 Lab File: VN083715.D
 Acq: 09 Sep 2024 14:06

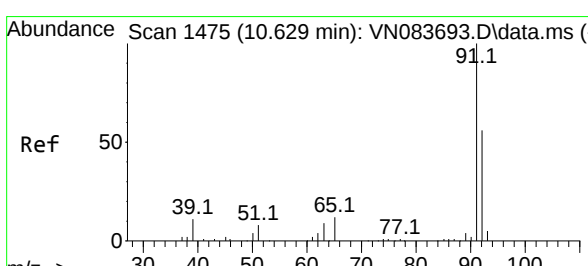
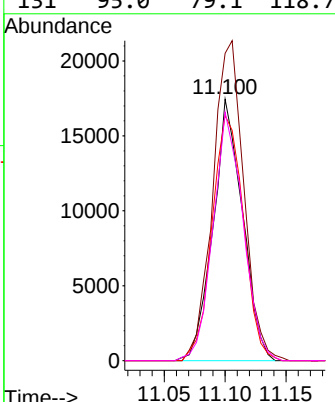
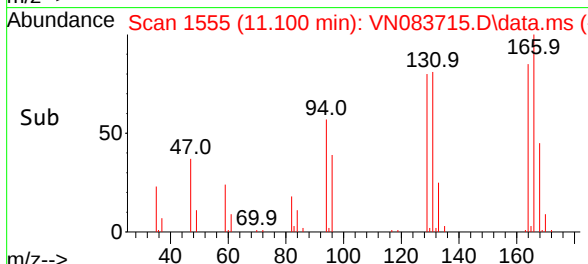
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC020EC



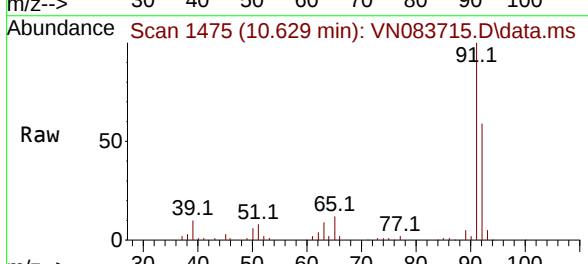
Tgt Ion: 164 Resp: 29372

Ion	Ratio	Lower	Upper
164	100		
166	117.6	106.7	160.1
129	93.9	85.8	128.6
131	95.0	79.1	118.7

Manual Integrations
APPROVED
 Reviewed By :John Carlone 09/10/2024
 Supervised By :Mahesh Dadoda 09/10/2024

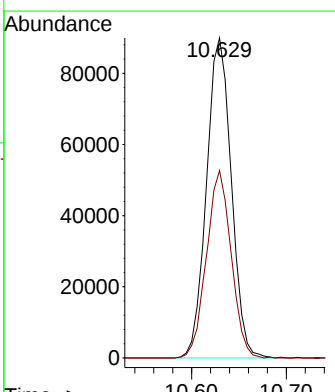
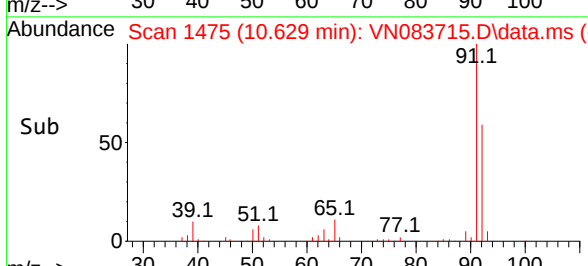


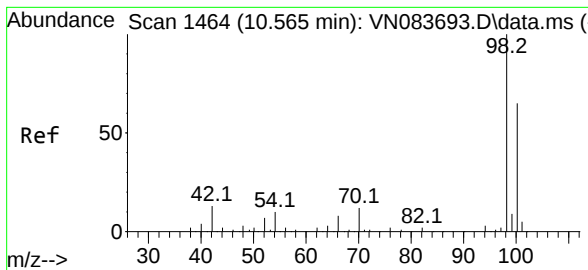
#62
 Toluene
 Concen: 19.864 ug/l
 RT: 10.629 min Scan# 1475
 Delta R.T. -0.000 min
 Lab File: VN083715.D
 Acq: 09 Sep 2024 14:06



Tgt Ion: 91 Resp: 163651

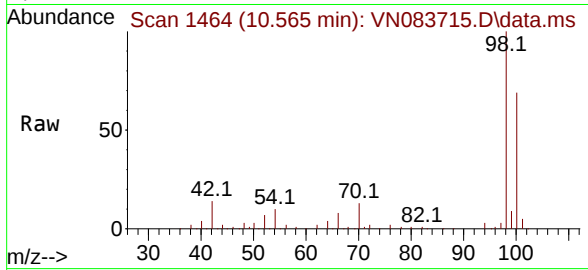
Ion	Ratio	Lower	Upper
91	100		
92	58.3	46.5	69.7





#63
Toluene-d8
Concen: 29.753 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

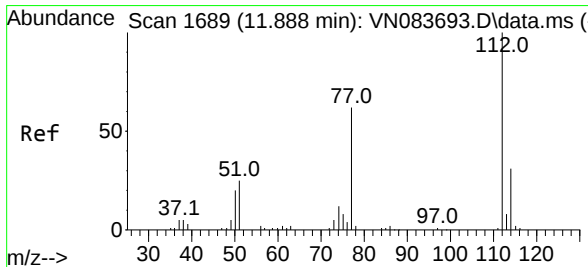
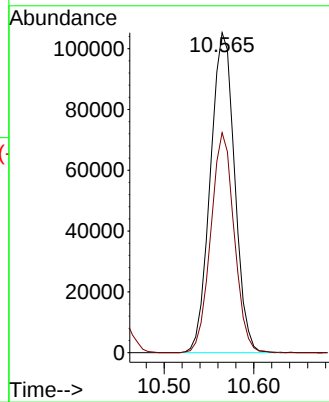
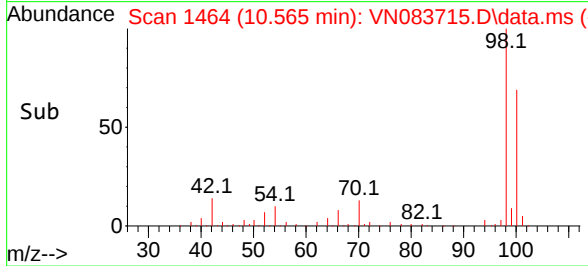
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 98 Resp: 197464
Ion Ratio Lower Upper
98 100
100 66.3 52.7 79.1

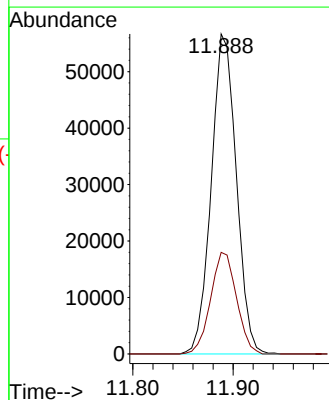
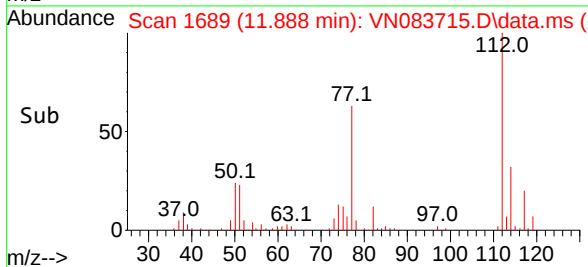
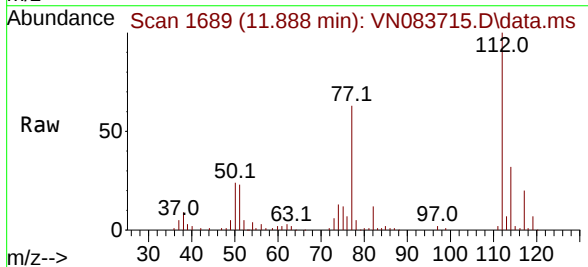
Manual Integrations
APPROVED

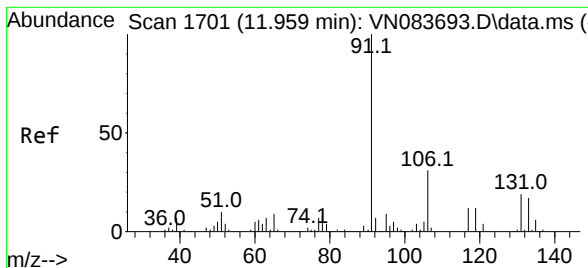
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#64
Chlorobenzene
Concen: 19.302 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

Tgt Ion:112 Resp: 98455
Ion Ratio Lower Upper
112 100
114 31.7 26.6 39.8





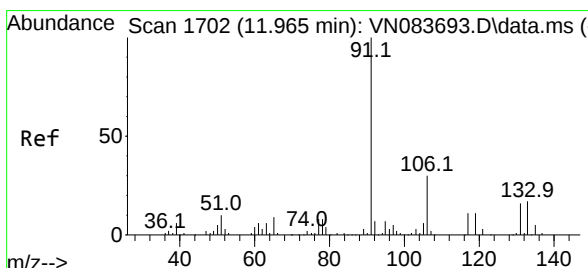
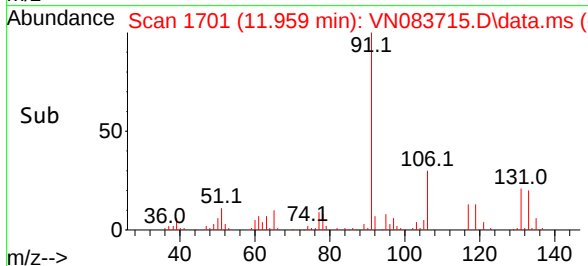
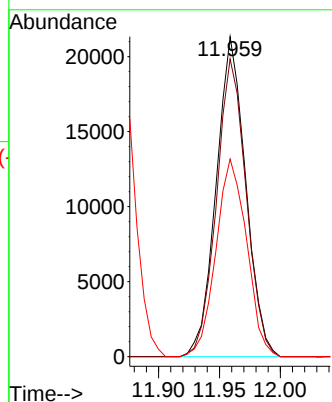
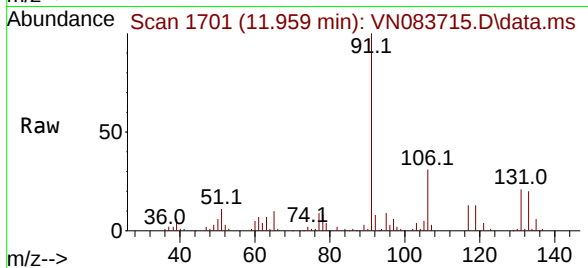
#65
1,1,1,2-Tetrachloroethane
Concen: 20.247 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:131 Resp: 3597
Ion Ratio Lower Upper
131 100
133 93.6 0.0 188.0
119 64.3 0.0 122.8

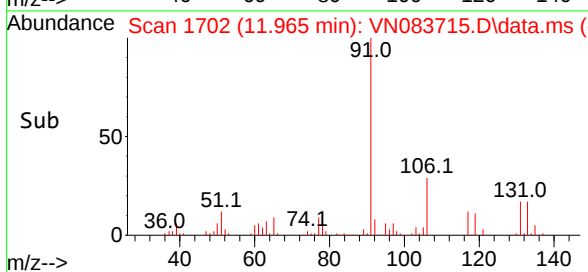
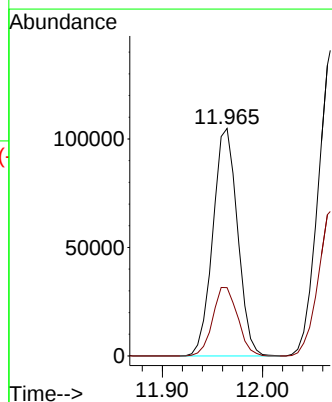
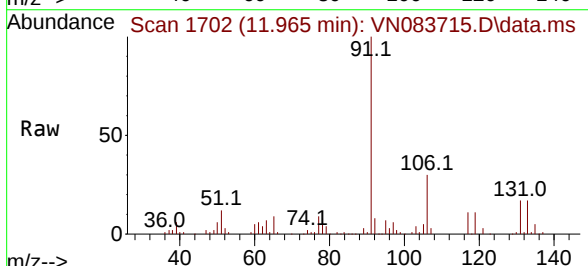
Manual Integrations
APPROVED

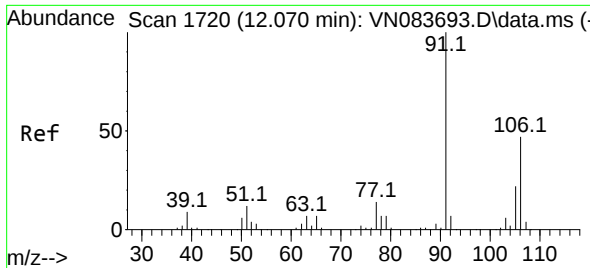
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#66
Ethyl Benzene
Concen: 19.143 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

Tgt Ion: 91 Resp: 179344
Ion Ratio Lower Upper
91 100
106 30.1 24.4 36.6





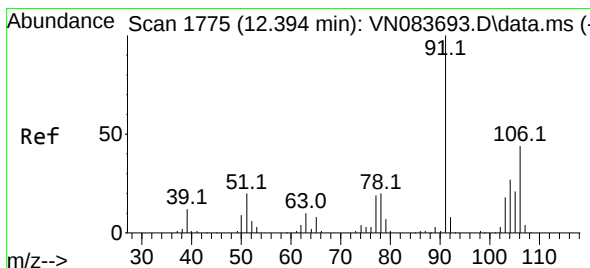
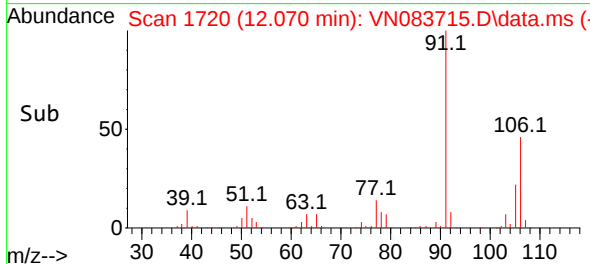
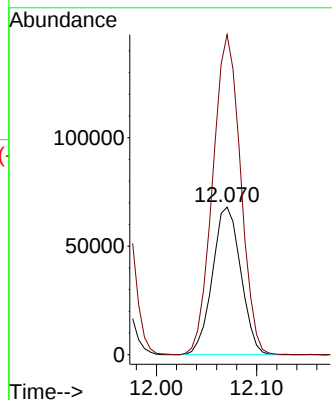
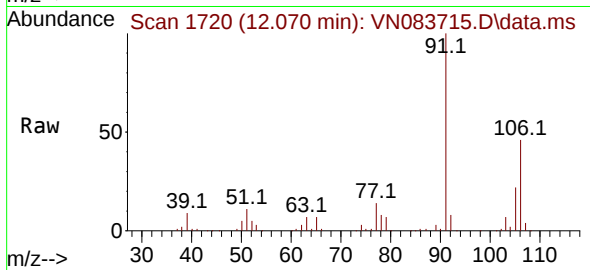
#67
m/p-Xylenes
Concen: 38.741 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 13353
Ion Ratio Lower Upper
106 100
91 212.8 166.6 249.8

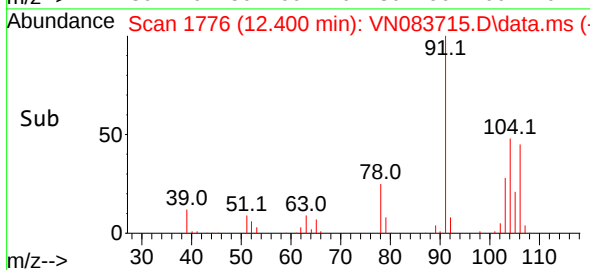
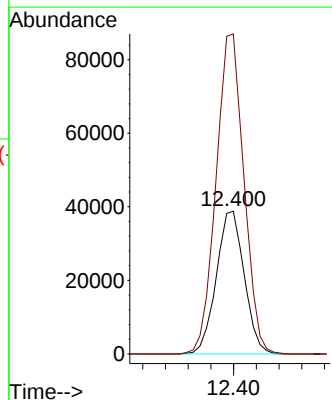
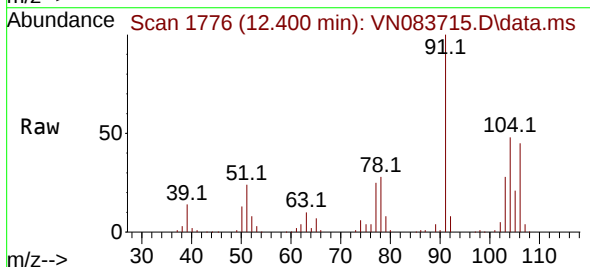
Manual Integrations
APPROVED

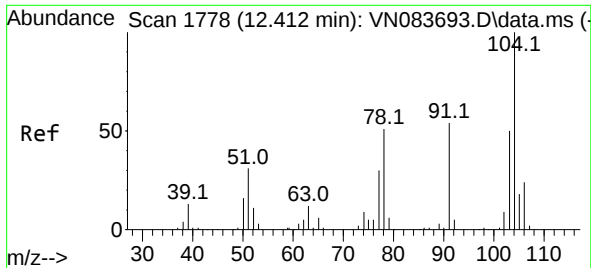
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#68
o-Xylene
Concen: 19.855 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

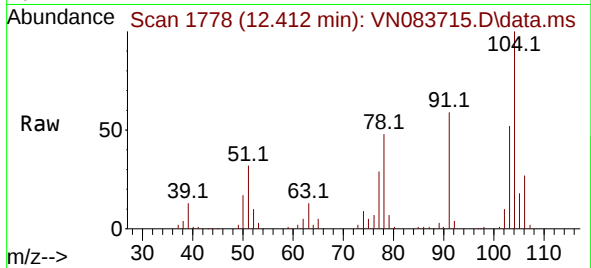
Tgt Ion:106 Resp: 66236
Ion Ratio Lower Upper
106 100
91 223.7 110.0 330.0





#69
Styrene
Concen: 19.351 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

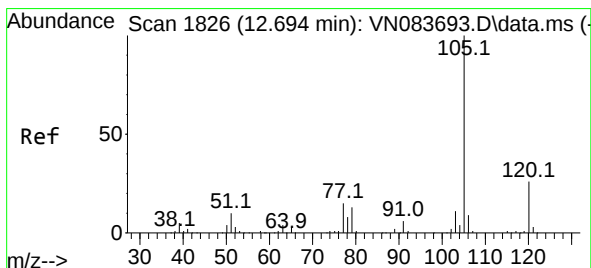
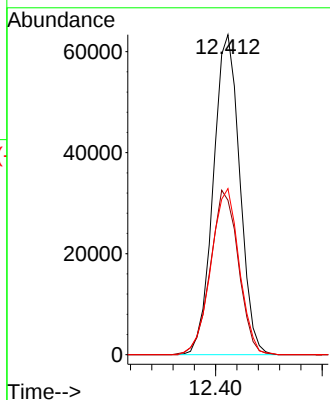
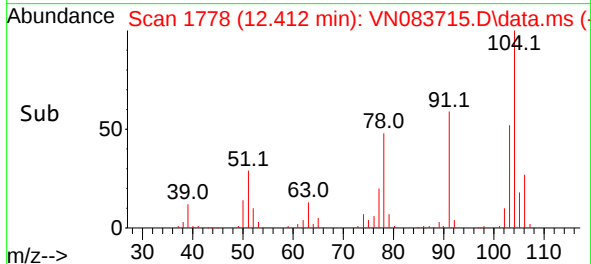
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



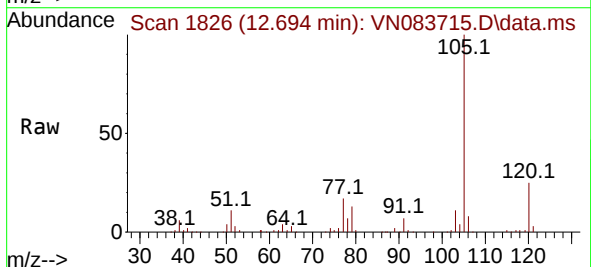
Tgt Ion:104 Resp: 109074
Ion Ratio Lower Upper
104 100
78 54.4 42.6 64.0
103 55.6 43.7 65.5

Manual Integrations
APPROVED

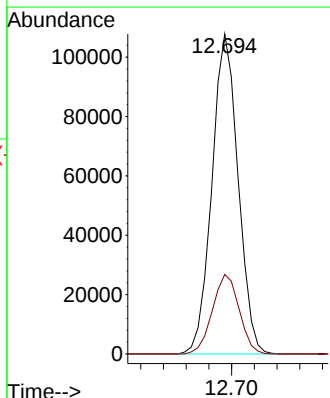
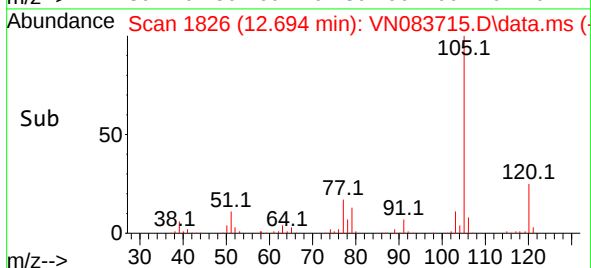
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

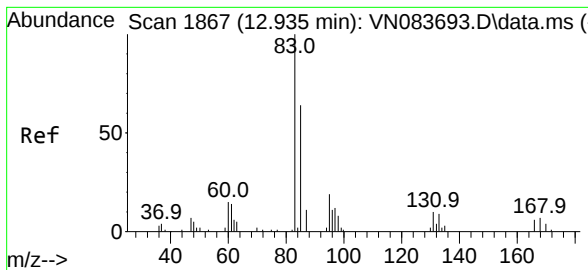


#70
Isopropylbenzene
Concen: 19.598 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06



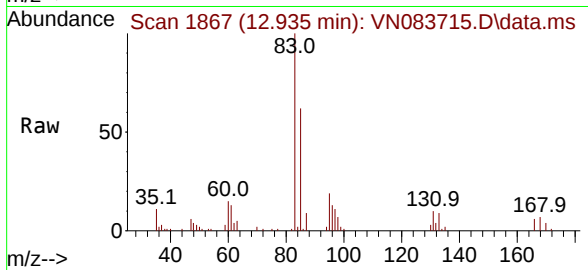
Tgt Ion:105 Resp: 172528
Ion Ratio Lower Upper
105 100
120 25.4 17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.279 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

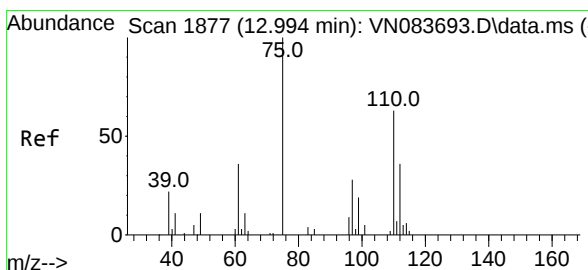
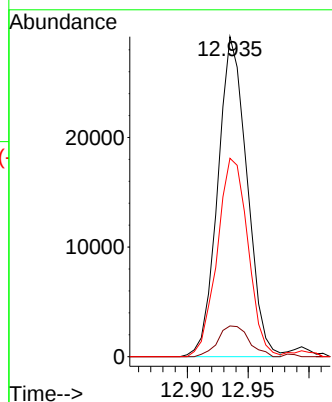
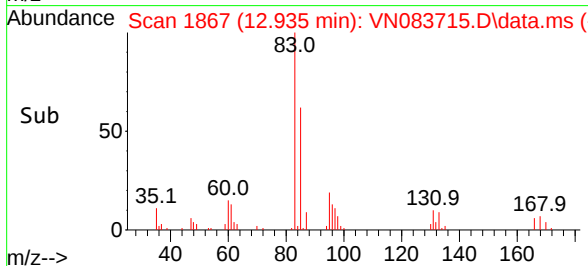
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 48760
Ion Ratio Lower Upper
83 100
131 10.2 5.2 15.6
85 65.3 32.3 96.8

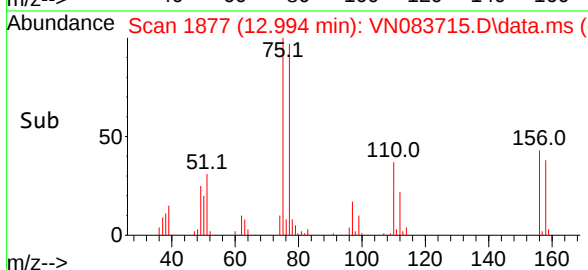
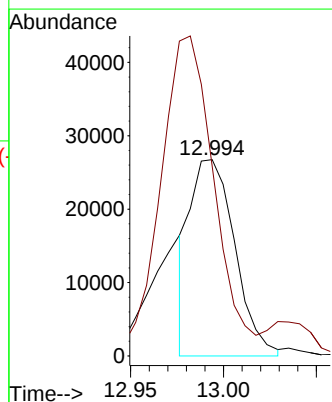
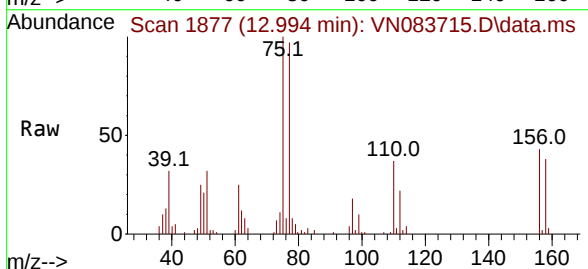
Manual Integrations
APPROVED

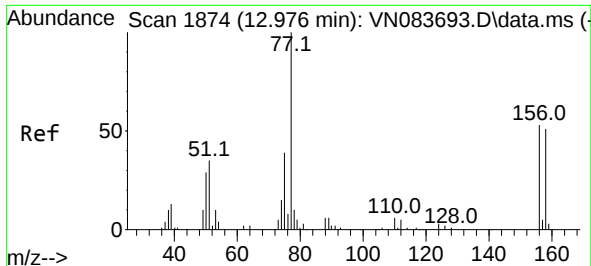
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#72
1,2,3-Trichloropropane
Concen: 21.106 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

Tgt Ion: 75 Resp: 44495
Ion Ratio Lower Upper
75 100
77 196.0 0.0 367.6





#73
Bromobenzene
Concen: 19.640 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

Instrument :

MSVOA_N

ClientSampleId :

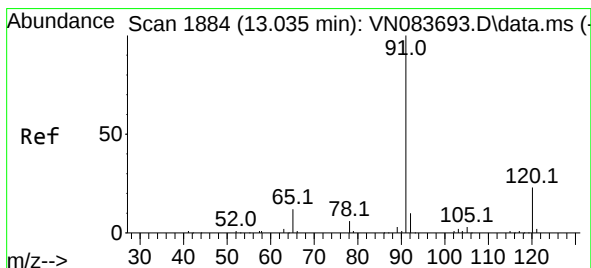
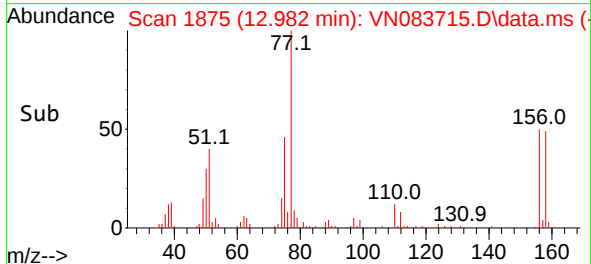
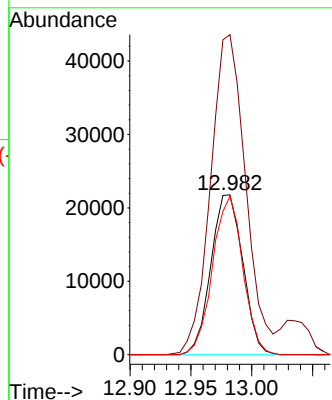
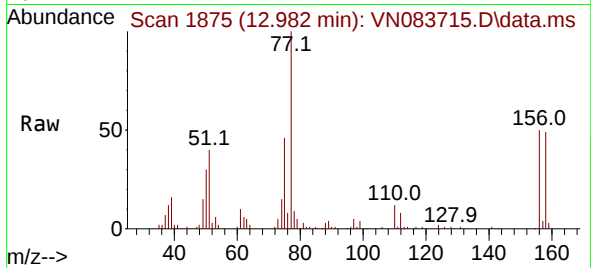
VSTDCCC020EC

Tgt Ion:156 Resp: 39714
Ion Ratio Lower Upper
156 100
77 219.6 0.0 437.6
158 94.0 0.0 203.8

Manual Integrations

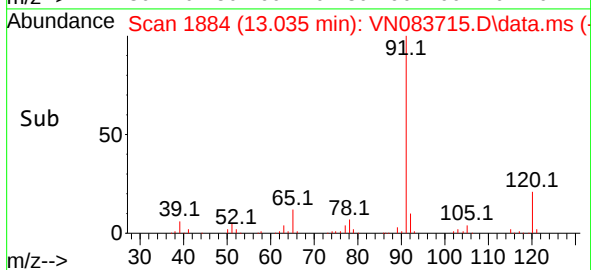
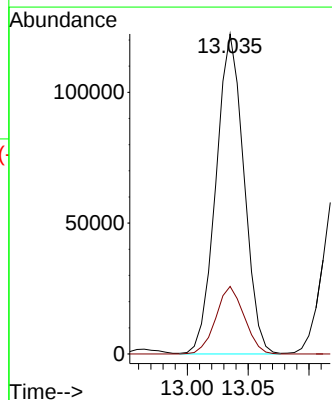
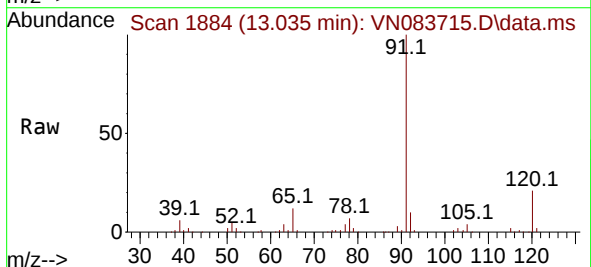
APPROVED

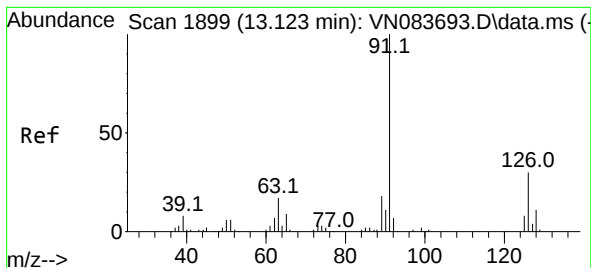
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#74
n-propylbenzene
Concen: 18.968 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

Tgt Ion: 91 Resp: 195472
Ion Ratio Lower Upper
91 100
120 21.3 0.0 43.8





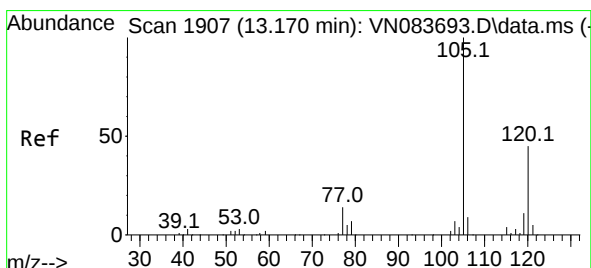
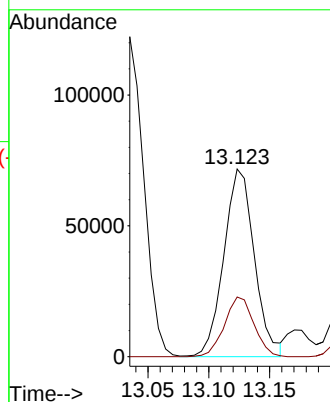
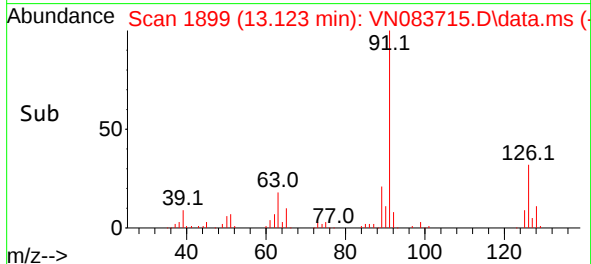
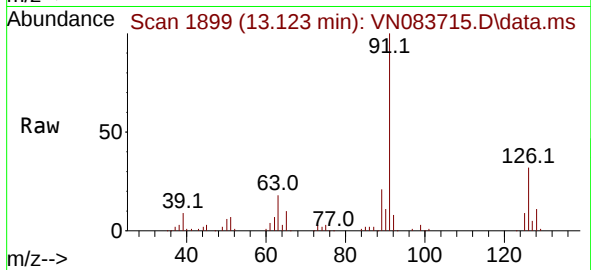
#75
2-Chlorotoluene
Concen: 19.534 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 12564
Ion Ratio Lower Upper
91 100
126 30.6 0.0 61.2

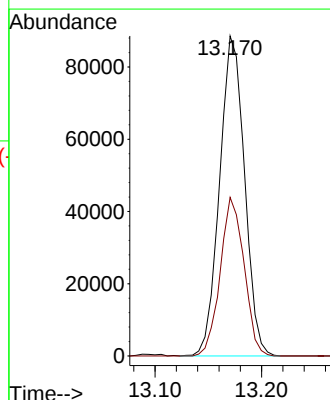
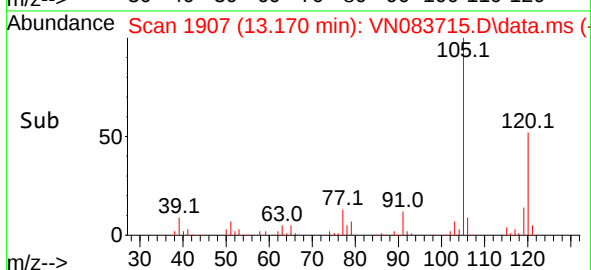
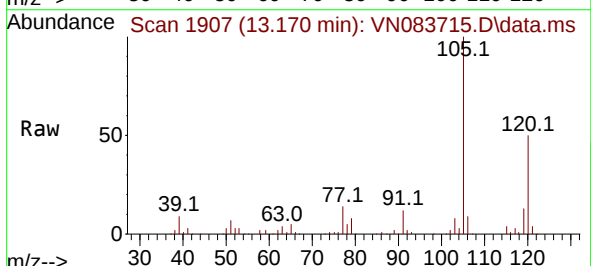
Manual Integrations
APPROVED

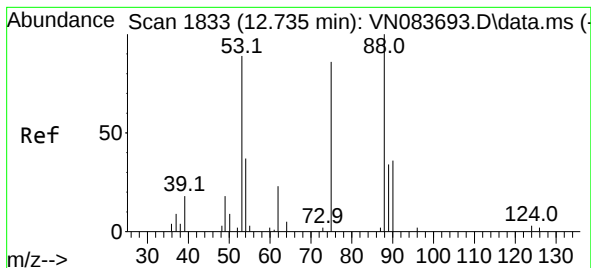
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#76
1,3,5-Trimethylbenzene
Concen: 19.597 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

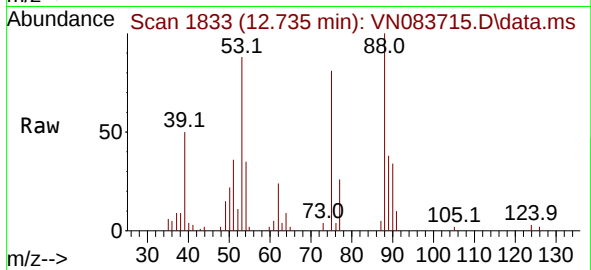
Tgt Ion:105 Resp: 144115
Ion Ratio Lower Upper
105 100
120 47.2 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.349 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

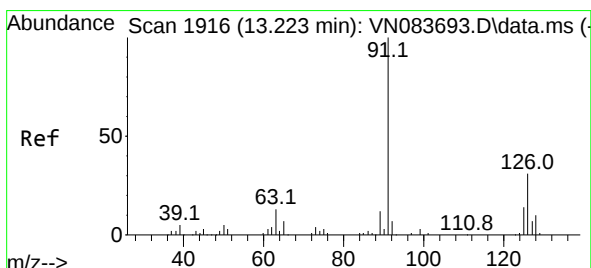
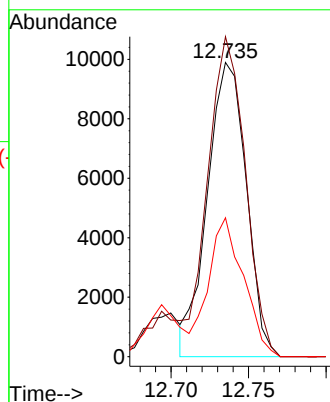
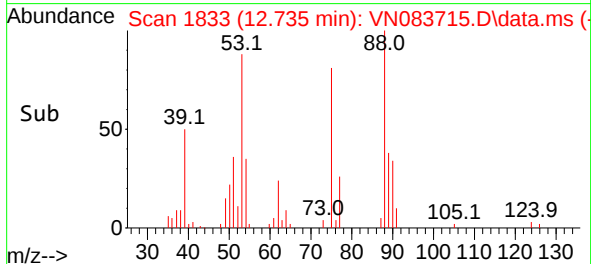
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 1724
Ion Ratio Lower Upper
75 100
53 108.8 45.9 137.7
89 47.2 25.9 77.7

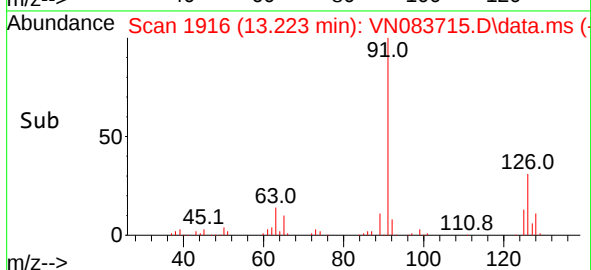
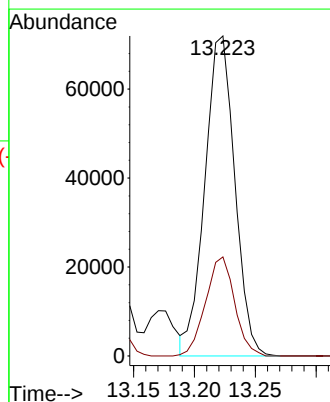
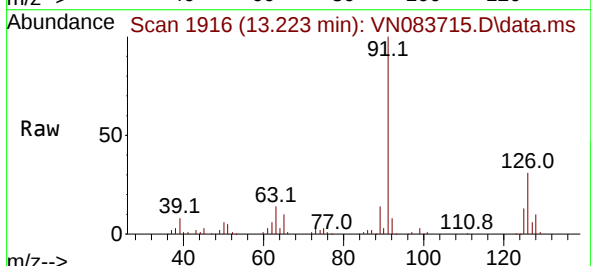
Manual Integrations
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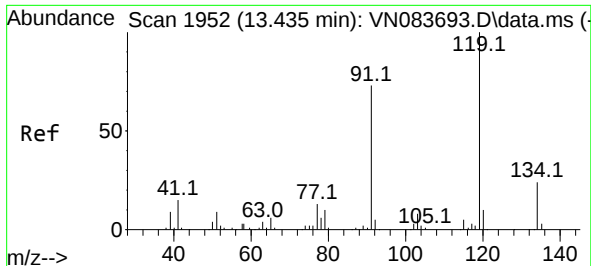
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#78
4-Chlorotoluene
Concen: 18.842 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

Tgt Ion: 91 Resp: 122902
Ion Ratio Lower Upper
91 100
126 30.0 0.0 62.8





#79

tert-butylbenzene

Concen: 19.713 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN083715.D

Acq: 09 Sep 2024 14:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:119 Resp: 12676

Ion Ratio Lower Upper

119 100

91 71.5 0.0 138.8

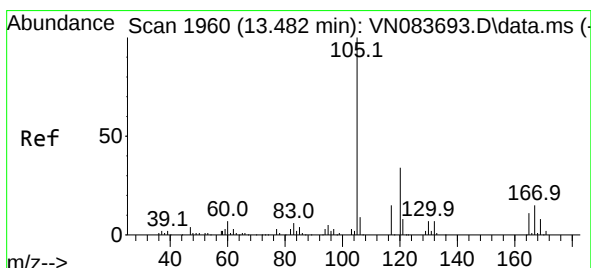
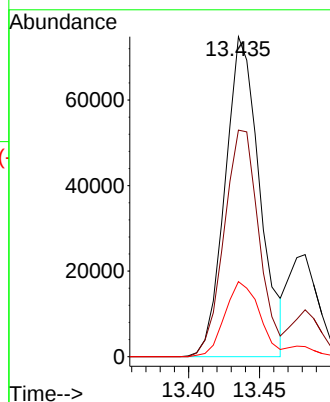
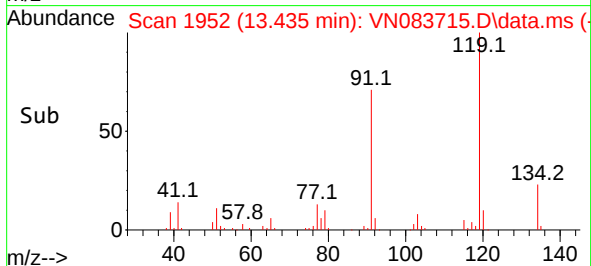
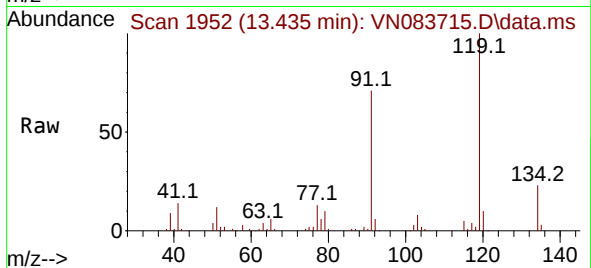
134 23.5 0.0 48.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024



#80

1,2,4-Trimethylbenzene

Concen: 19.742 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN083715.D

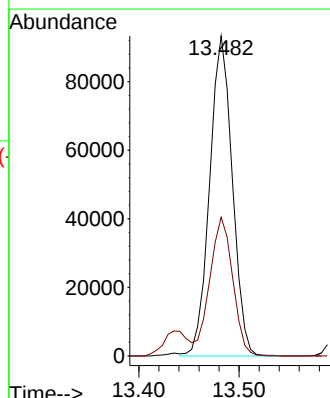
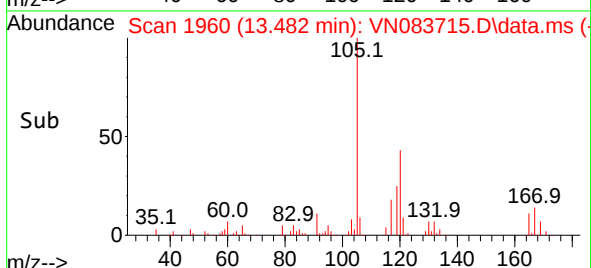
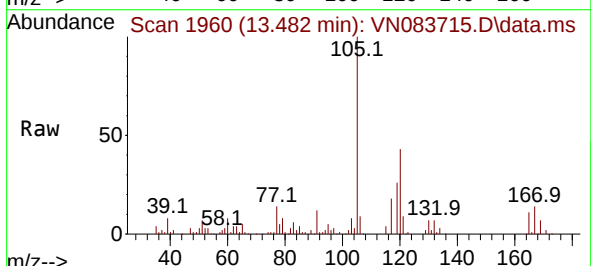
Acq: 09 Sep 2024 14:06

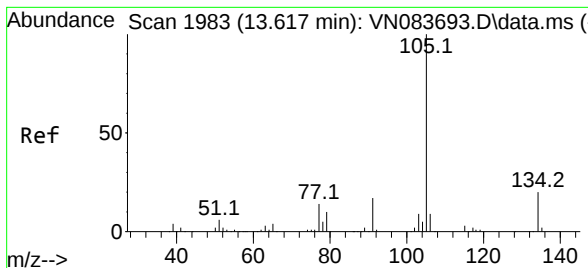
Tgt Ion:105 Resp: 146709

Ion Ratio Lower Upper

105 100

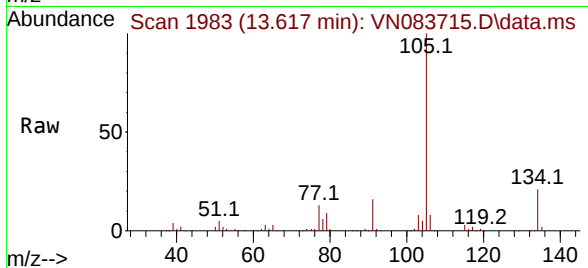
120 43.9 0.0 86.8





#81
 sec-Butylbenzene
 Concen: 19.466 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN083715.D
 Acq: 09 Sep 2024 14:06

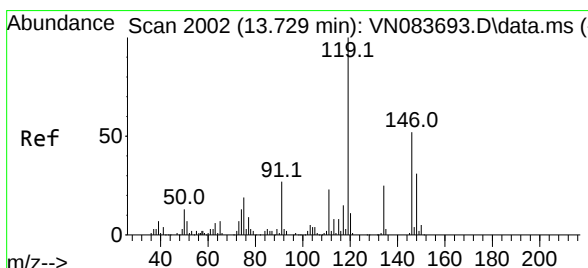
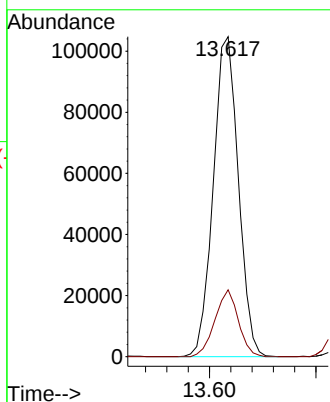
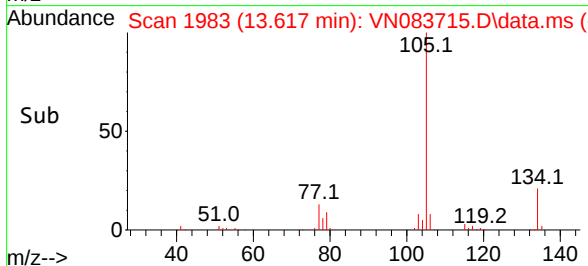
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



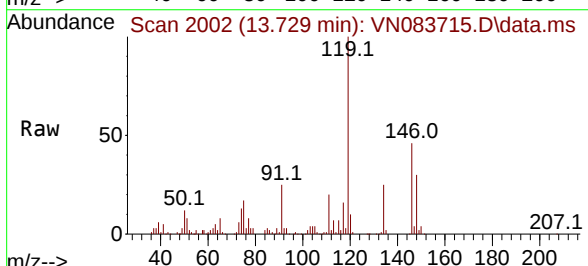
Tgt Ion:105 Resp: 17099
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 39.0

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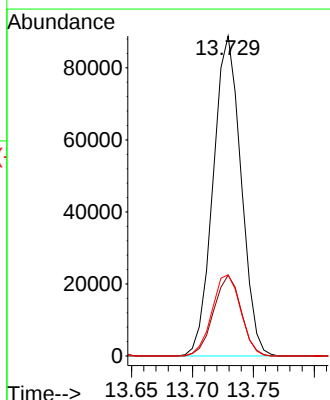
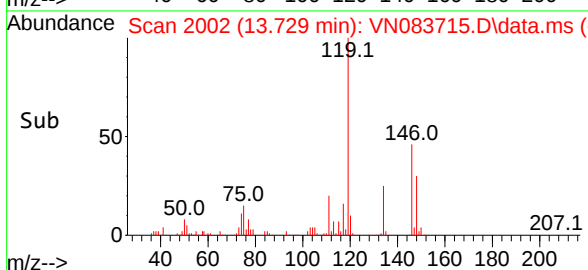
Reviewed By :John Carlone 09/10/2024
 Supervised By :Mahesh Dadoda 09/10/2024

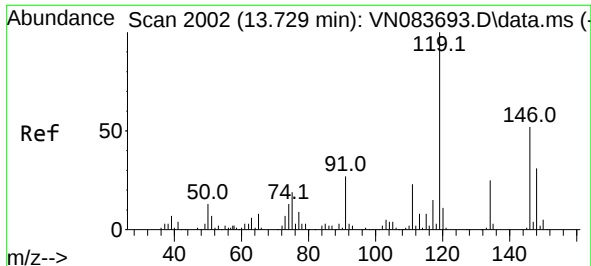


#82
 p-Isopropyltoluene
 Concen: 19.165 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083715.D
 Acq: 09 Sep 2024 14:06



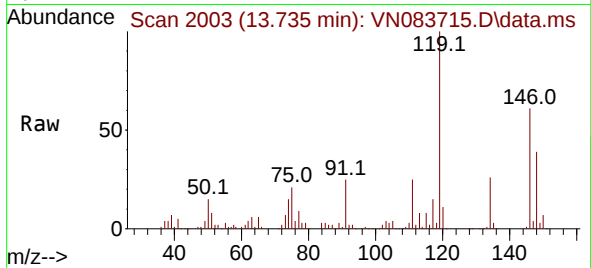
Tgt Ion:119 Resp: 141648
 Ion Ratio Lower Upper
 119 100
 134 24.8 0.0 49.2
 91 26.0 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 18.783 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

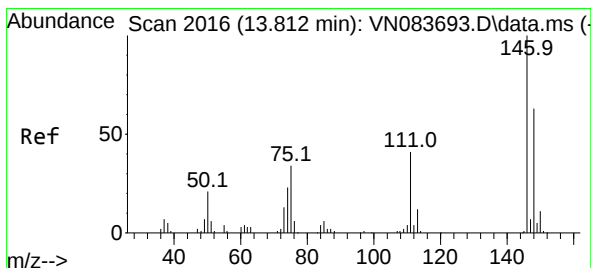
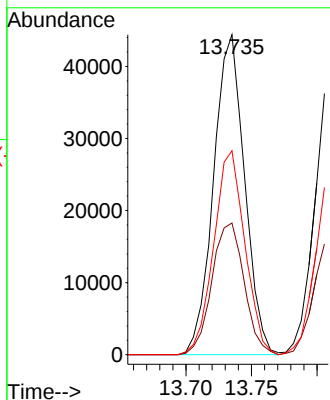
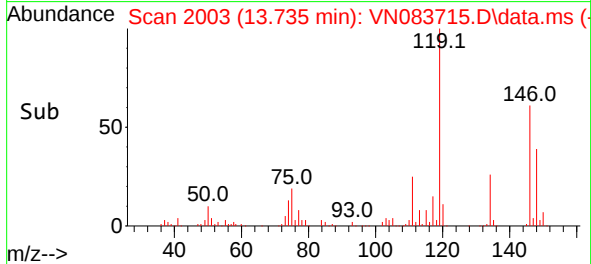
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:146 Resp: 73100
Ion Ratio Lower Upper
146 100
111 42.7 22.4 67.0
148 63.9 32.1 96.5

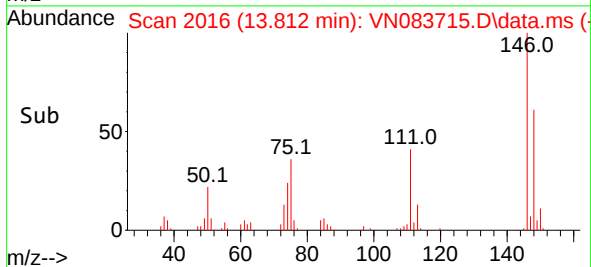
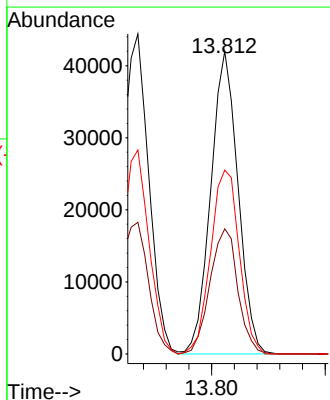
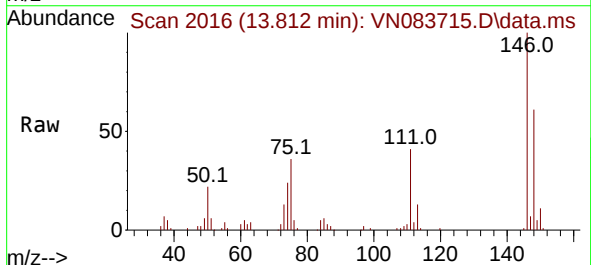
Manual Integrations
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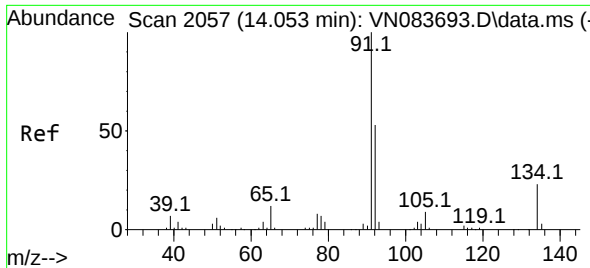
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#84
1,4-Dichlorobenzene
Concen: 18.001 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

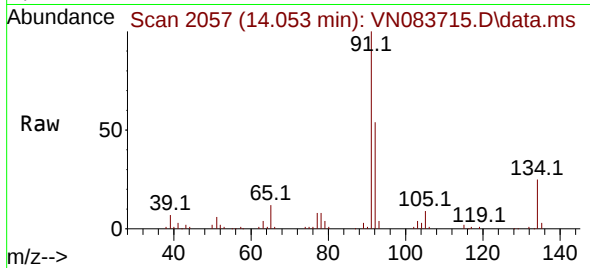
Tgt Ion:146 Resp: 70037
Ion Ratio Lower Upper
146 100
111 42.2 21.3 63.9
148 63.8 31.9 95.5





#85
n-Butylbenzene
Concen: 18.038 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

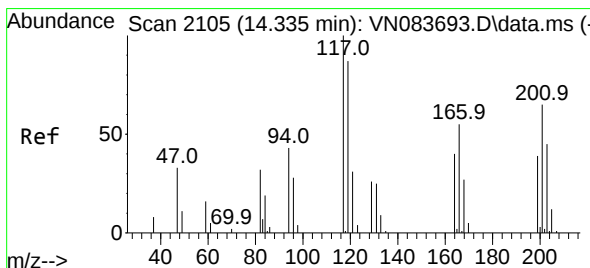
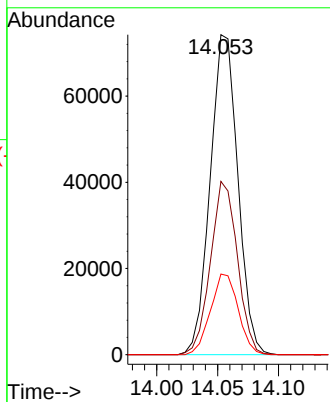
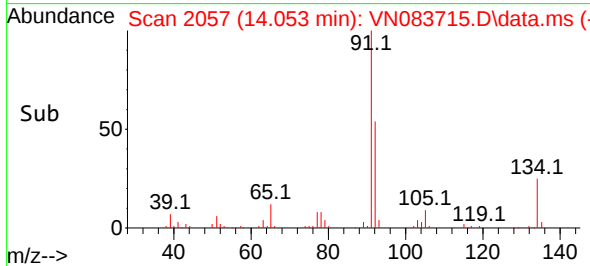
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 117648
Ion Ratio Lower Upper
91 100
92 52.7 0.0 105.0
134 25.2 0.0 51.8

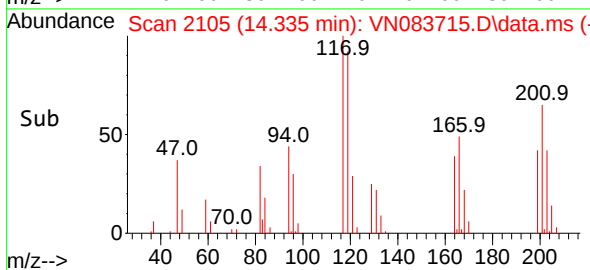
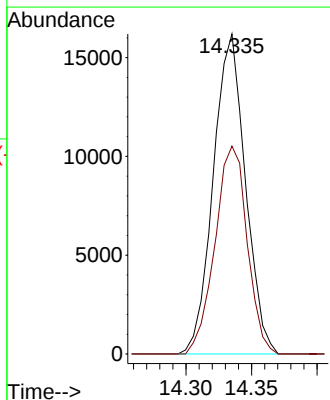
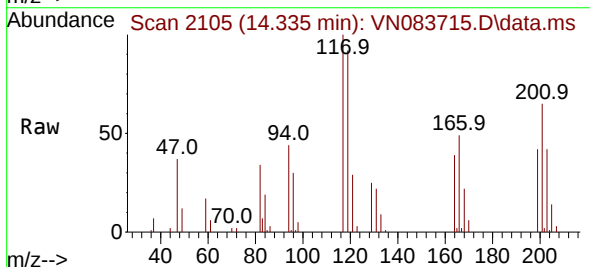
Manual Integrations
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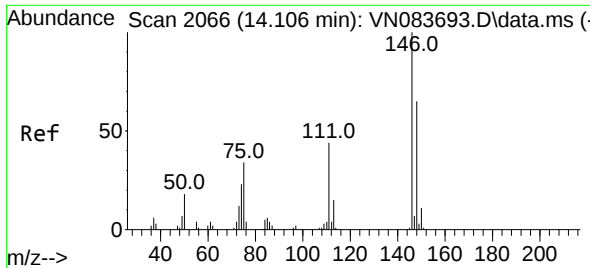
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#86
Hexachloroethane
Concen: 19.681 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

Tgt Ion:117 Resp: 27566
Ion Ratio Lower Upper
117 100
201 65.0 38.0 114.0





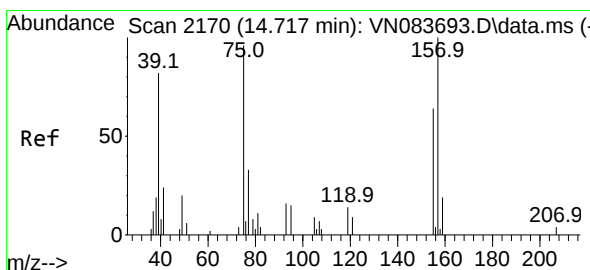
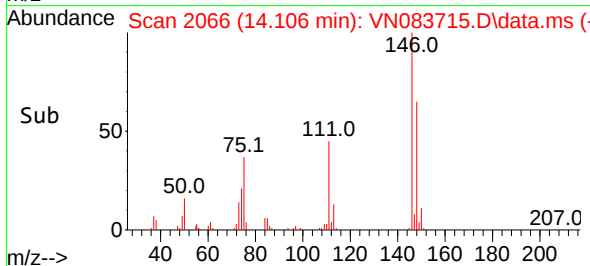
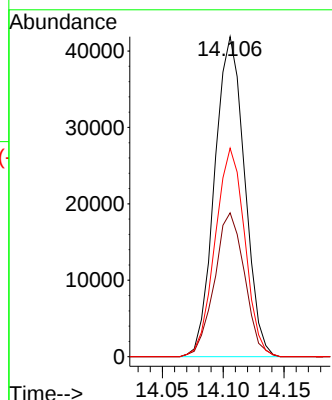
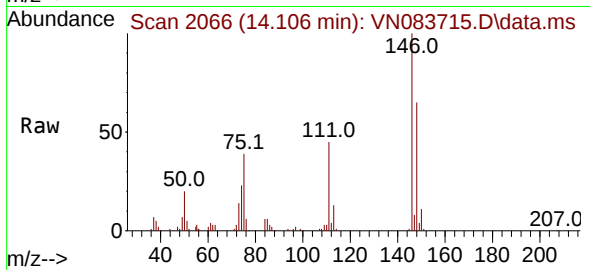
#87
1,2-Dichlorobenzene
Concen: 19.007 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:146 Resp: 7178
Ion Ratio Lower Upper
146 100
111 45.2 22.6 67.8
148 64.5 31.3 93.8

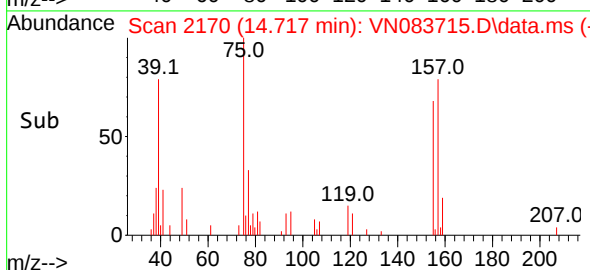
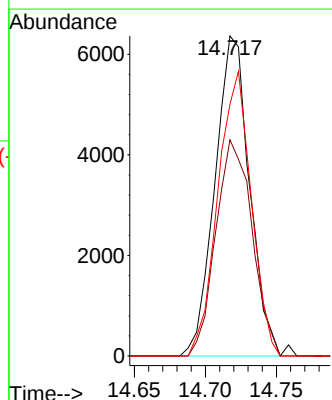
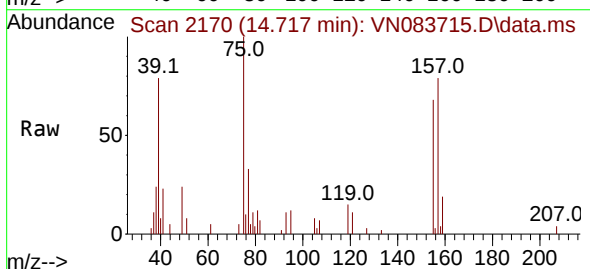
Manual Integrations
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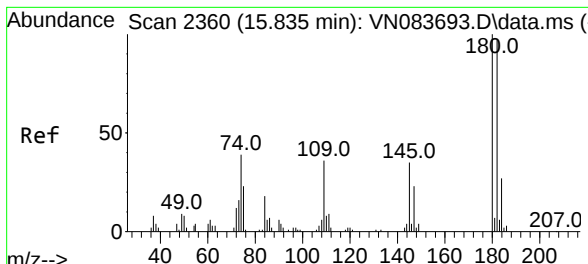
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.351 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

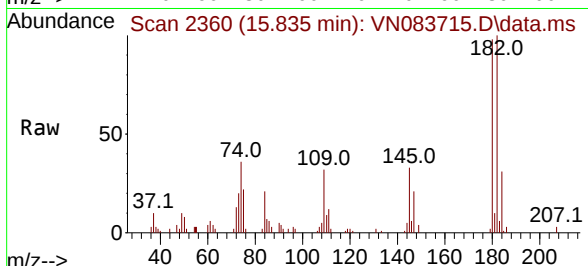
Tgt Ion: 75 Resp: 10754
Ion Ratio Lower Upper
75 100
155 71.0 61.7 92.5
157 85.8 83.6 125.4





#89
1,2,4-Trichlorobenzene
Concen: 16.442 ug/l
RT: 15.835 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

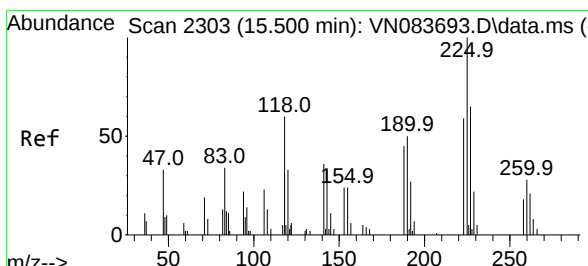
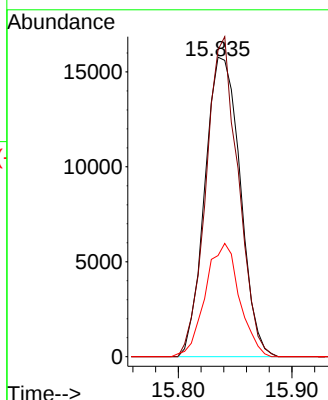
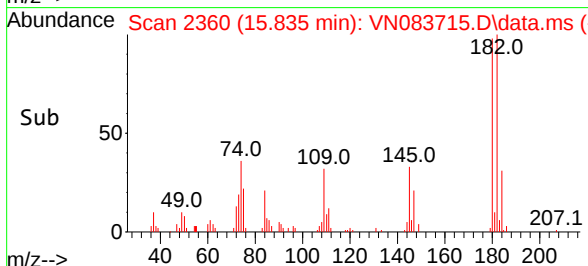
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



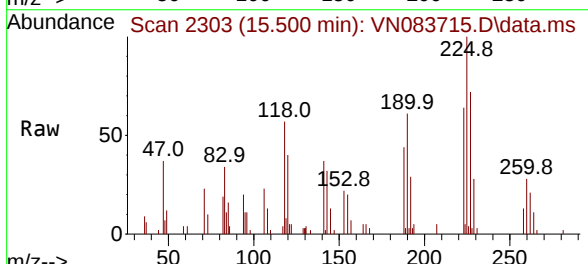
Tgt Ion:180 Resp: 3402
Ion Ratio Lower Upper
180 100
182 97.5 76.4 114.6
145 36.5 28.4 42.6

Manual Integrations
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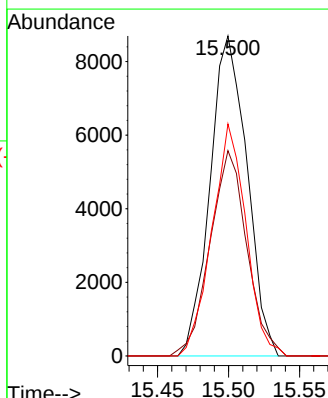
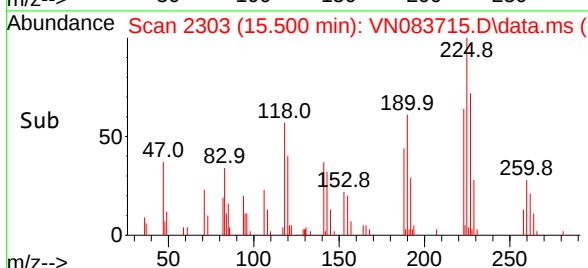
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

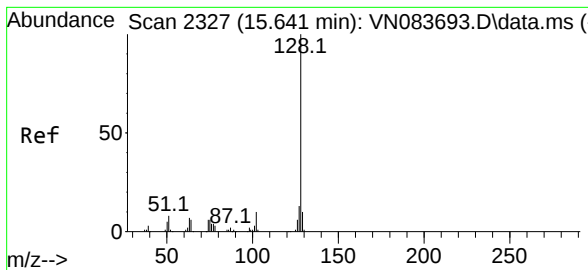


#90
Hexachlorobutadiene
Concen: 18.386 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06



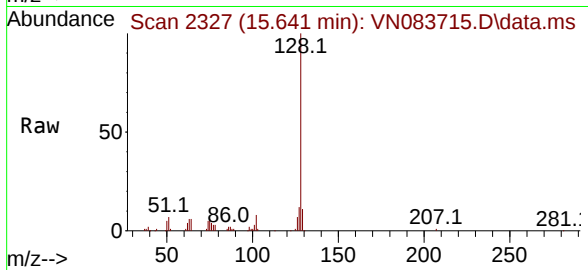
Tgt Ion:225 Resp: 15747
Ion Ratio Lower Upper
225 100
223 63.9 0.0 126.6
227 66.7 0.0 126.6





#91
Naphthalene
Concen: 17.009 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06

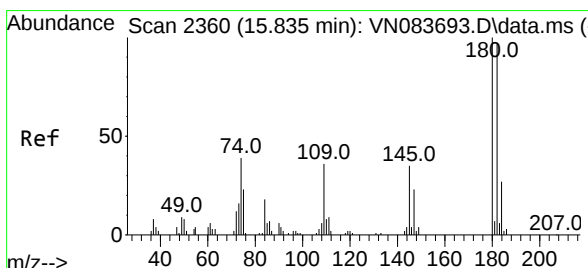
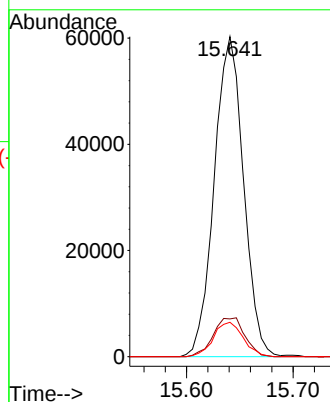
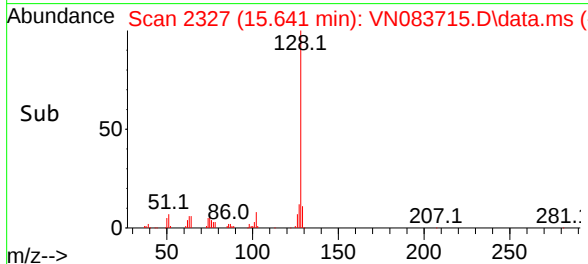
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



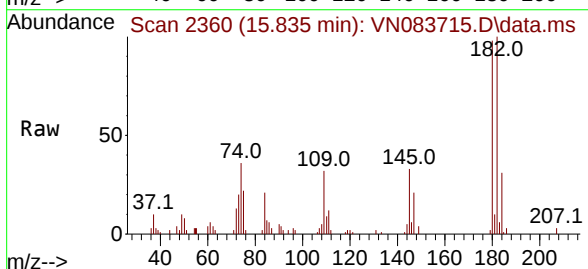
Tgt Ion:128 Resp: 115060
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 11.0 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#92
1,2,3-Trichlorobenzene
Concen: 16.442 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN083715.D
Acq: 09 Sep 2024 14:06



Tgt Ion:180 Resp: 34022
Ion Ratio Lower Upper
180 100
182 97.5 0.0 191.0
145 36.5 0.0 71.0

