

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010324\
 Data File : VN080632.D
 Acq On : 03 Jan 2024 11:48
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/04/2024
 Supervised By : Mahesh Dadoda 01/04/2024

Quant Time: Jan 04 01:55:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 03:07:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	279138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	462249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	437947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	201006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	189713	52.984	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.960%			
35) Dibromofluoromethane	8.165	113	147057	49.189	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.380%			
50) Toluene-d8	10.565	98	572947	54.889	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.780%			
62) 4-Bromofluorobenzene	12.847	95	210134	59.816	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 119.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	166633	53.739	ug/l	98
3) Chloromethane	2.359	50	222393	65.533	ug/l	99
4) Vinyl Chloride	2.518	62	198597	57.554	ug/l	97
5) Bromomethane	2.959	94	101399	77.330	ug/l	94
6) Chloroethane	3.124	64	134047	62.222	ug/l	98
7) Trichlorofluoromethane	3.495	101	245762	49.880	ug/l	99
8) Diethyl Ether	3.953	74	93390	55.194	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.377	101	120798	44.913	ug/l	94
10) Methyl Iodide	4.595	142	98437	52.974	ug/l	96
11) Tert butyl alcohol	5.506	59	131133	272.226	ug/l	98
12) 1,1-Dichloroethene	4.342	96	121046	46.920	ug/l	91
13) Acrolein	4.171	56	128295	235.562	ug/l	98
14) Allyl chloride	5.024	41	214434	54.750	ug/l	94
15) Acrylonitrile	5.712	53	309414	225.211	ug/l	99
16) Acetone	4.418	43	195775	201.142	ug/l	95
17) Carbon Disulfide	4.712	76	294895	42.507	ug/l	98
18) Methyl Acetate	5.018	43	323199	59.894	ug/l	92
19) Methyl tert-butyl Ether	5.789	73	497637	53.579	ug/l	95
20) Methylene Chloride	5.277	84	155859	50.186	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	139885	44.877	ug/l	90
22) Diisopropyl ether	6.665	45	413602	47.543	ug/l	91
23) Vinyl Acetate	6.600	43	1052070	218.045	ug/l	94
24) 1,1-Dichloroethane	6.565	63	266031	45.623	ug/l	96
25) 2-Butanone	7.477	43	470924	258.869	ug/l #	87
26) 2,2-Dichloropropane	7.483	77	295100	58.139	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	229139	61.805	ug/l	93
28) Bromochloromethane	7.812	49	115535	42.613	ug/l	97
29) Tetrahydrofuran	7.835	42	224918	189.581	ug/l	91
30) Chloroform	7.965	83	304589	52.030	ug/l	93
31) Cyclohexane	8.259	56	178162	36.777	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	268699	50.903	ug/l	99
36) 1,1-Dichloropropene	8.371	75	200227	43.517	ug/l	96
37) Ethyl Acetate	7.559	43	181348	52.234	ug/l	99
38) Carbon Tetrachloride	8.365	117	232116	49.313	ug/l	97
39) Methylcyclohexane	9.600	83	183538	48.634	ug/l #	90
40) Benzene	8.606	78	623316	46.483	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	86100	40.215	ug/l	94
42) 1,2-Dichloroethane	8.671	62	242940	56.986	ug/l	98
43) Isopropyl Acetate	8.688	43	260815	46.348	ug/l	98
44) Trichloroethene	9.353	130	169264	49.283	ug/l	98
45) 1,2-Dichloropropane	9.624	63	171453	54.829	ug/l	95
46) Dibromomethane	9.712	93	119198	56.656	ug/l #	87
47) Bromodichloromethane	9.888	83	266859	60.512	ug/l	99
48) Methyl methacrylate	9.682	41	161332	51.634	ug/l	91
49) 1,4-Dioxane	9.694	88	47475	950.617	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	828319	258.800	ug/l	99
52) Toluene	10.629	92	425173	58.118	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	281510	63.318	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	300867	60.465	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	173194	59.683	ug/l	96
56) Ethyl methacrylate	10.876	69	186170	65.496	ug/l #	90
57) 1,3-Dichloropropane	11.165	76	303941	61.817	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	626255	311.992	ug/l	98
59) 2-Hexanone	11.194	43	613226	254.208	ug/l	100
60) Dibromochloromethane	11.359	129	200372	62.008	ug/l	100
61) 1,2-Dibromoethane	11.471	107	169907	58.070	ug/l	99
64) Tetrachloroethene	11.106	164	141398	48.318	ug/l	97
65) Chlorobenzene	11.894	112	448311	49.207	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	178366	50.896	ug/l	95
67) Ethyl Benzene	11.965	91	772014	50.686	ug/l	98
68) m/p-Xylenes	12.070	106	584463	103.417	ug/l	93
69) o-Xylene	12.400	106	284163	51.195	ug/l	91
70) Styrene	12.412	104	444936	55.123	ug/l	97
71) Bromoform	12.576	173	129311	52.161	ug/l #	98
73) Isopropylbenzene	12.694	105	691093	50.234	ug/l	99
74) N-amyl acetate	12.494	43	230799	47.553	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	218519	46.026	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	200072m	46.277	ug/l	
77) Bromobenzene	12.982	156	185037	50.640	ug/l	99
78) n-propylbenzene	13.035	91	776090	49.330	ug/l	99
79) 2-Chlorotoluene	13.123	91	514930	50.135	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	594329	51.161	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	83470	52.298	ug/l	92
82) 4-Chlorotoluene	13.223	91	530199	50.478	ug/l	97
83) tert-Butylbenzene	13.441	119	471292	48.541	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	611082	51.952	ug/l	100
85) sec-Butylbenzene	13.617	105	604676	47.064	ug/l	99
86) p-Isopropyltoluene	13.729	119	552990	45.472	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	316072	47.997	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	322602	48.734	ug/l	99
89) n-Butylbenzene	14.059	91	454746	47.359	ug/l	99
90) Hexachloroethane	14.335	117	92153	45.948	ug/l	78
91) 1,2-Dichlorobenzene	14.106	146	315327	49.610	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	44433	45.345	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	169425	50.522	ug/l	98
94) Hexachlorobutadiene	15.506	225	79126	45.722	ug/l	99
95) Naphthalene	15.641	128	533075	51.076	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	163327	48.177	ug/l	97

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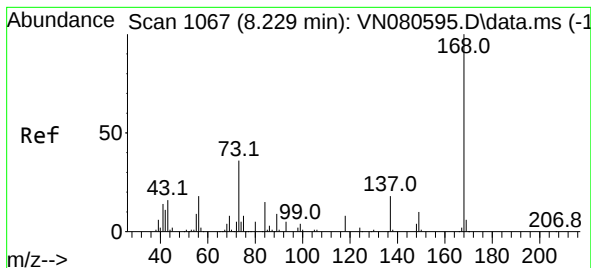
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu Dec 28 03:07:01 2023
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1067

Delta R.T. -0.005 min

Lab File: VN080632.D

Acq: 03 Jan 2024 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 279138

Ion Ratio Lower Upper

168 100

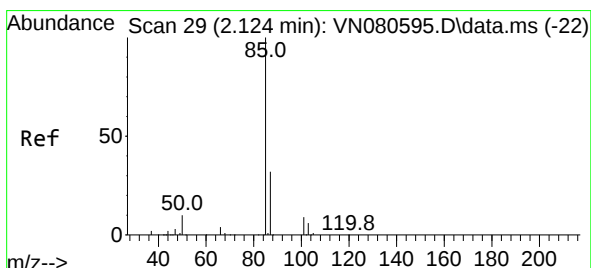
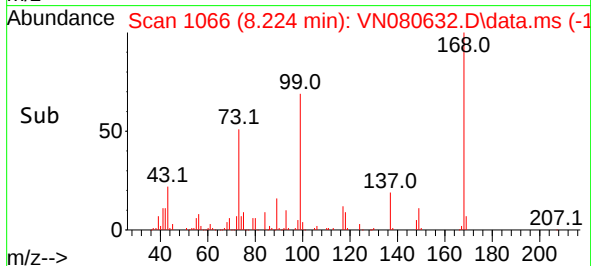
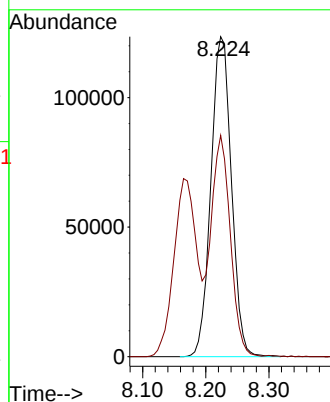
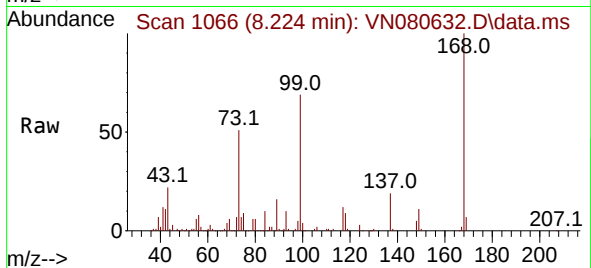
99 69.0 53.0 79.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 53.739 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN080632.D

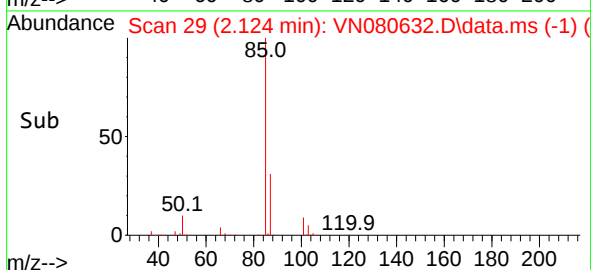
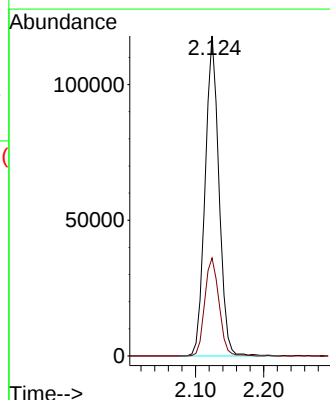
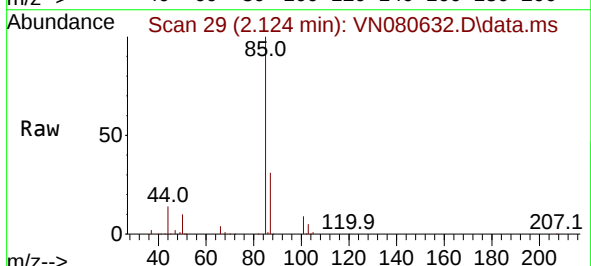
Acq: 03 Jan 2024 11:48

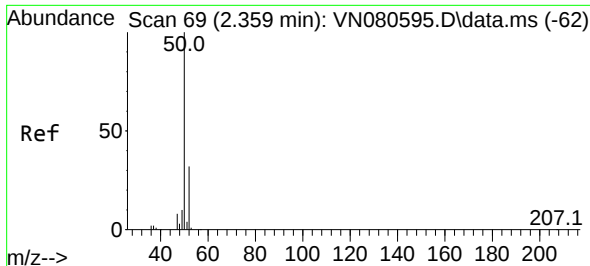
Tgt Ion: 85 Resp: 166633

Ion Ratio Lower Upper

85 100

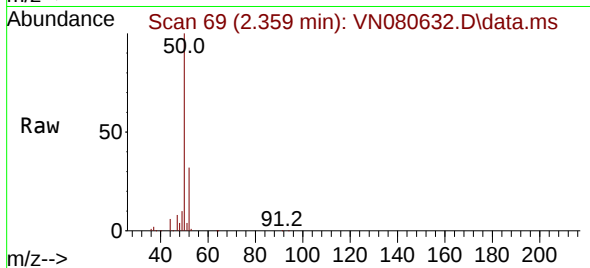
87 30.6 15.8 47.4





#3
Chloromethane
Concen: 65.533 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

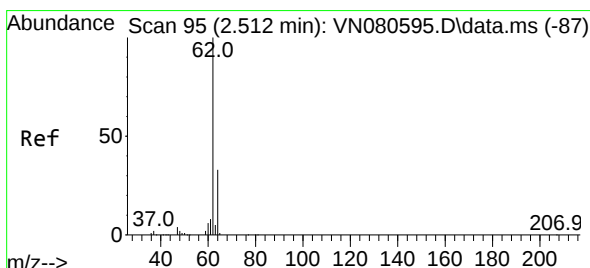
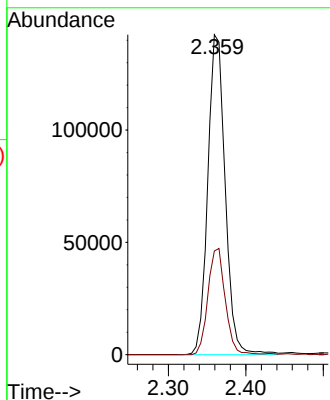
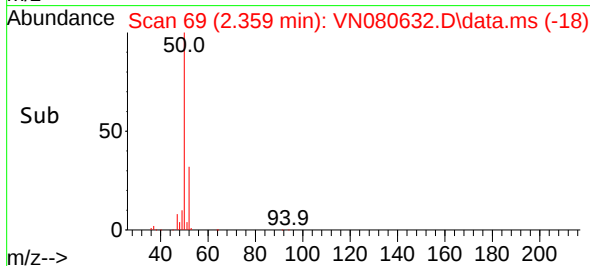
Instrument :
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VSTDCCC050



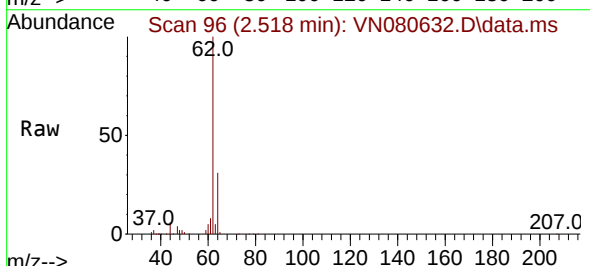
Tgt Ion: 50 Resp: 22239
Ion Ratio Lower Upper
50 100
52 32.4 26.5 39.7

Manual Integrations
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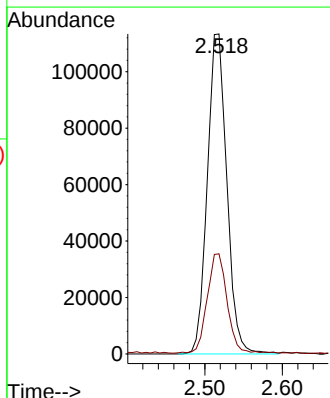
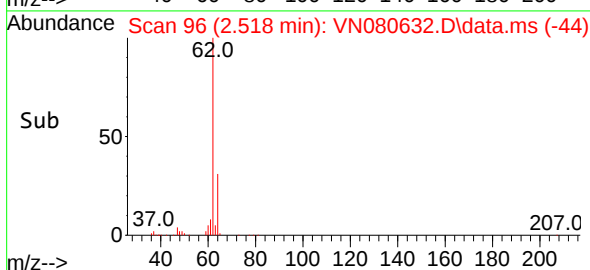
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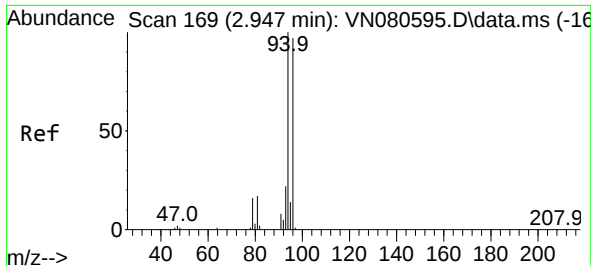


#4
Vinyl Chloride
Concen: 57.554 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48



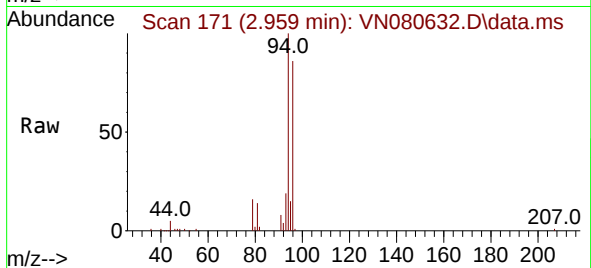
Tgt Ion: 62 Resp: 198597
Ion Ratio Lower Upper
62 100
64 30.9 26.2 39.2





#5
Bromomethane
Concen: 77.330 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

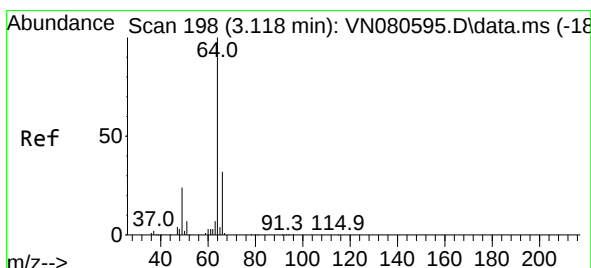
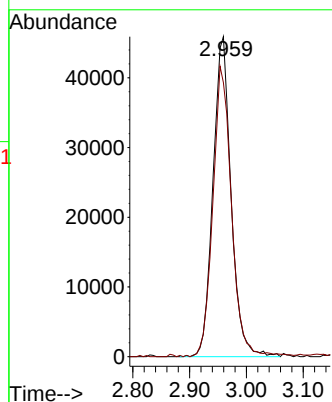
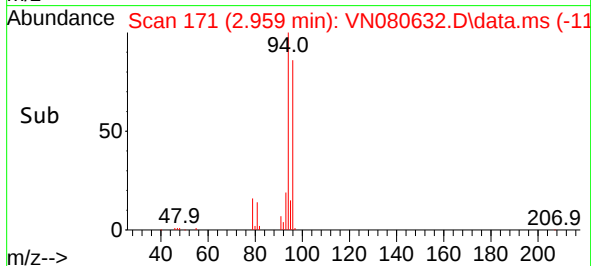
Instrument :
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Tgt Ion: 94 Resp: 101399
Ion Ratio Lower Upper
94 100
96 85.2 73.1 109.7

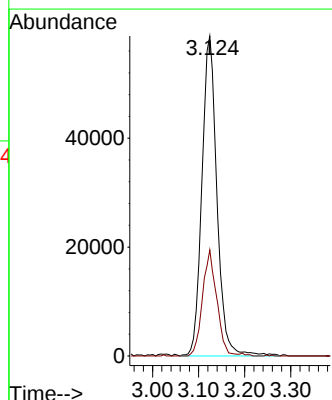
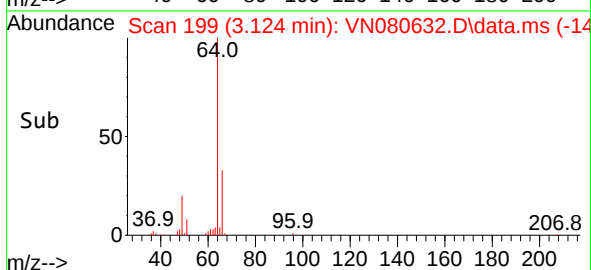
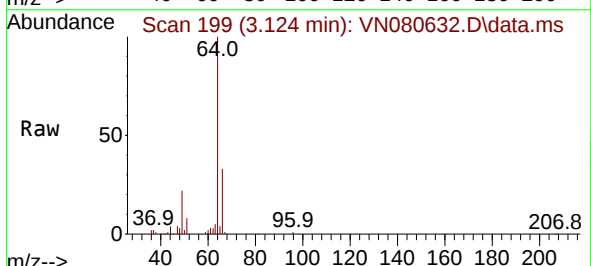
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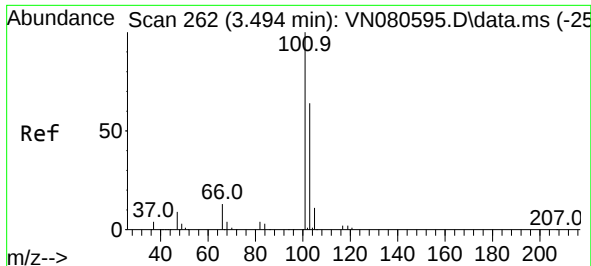
Reviewed By :John Carlone 01/04/2024
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#6
Chloroethane
Concen: 62.222 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
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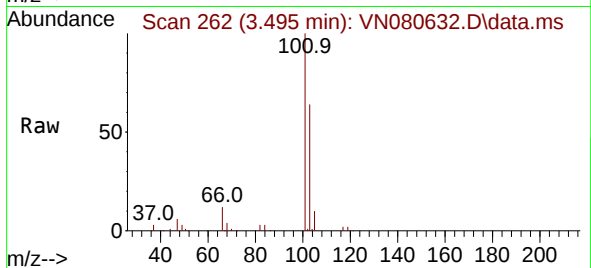
Tgt Ion: 64 Resp: 134047
Ion Ratio Lower Upper
64 100
66 33.2 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 49.880 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.000 min
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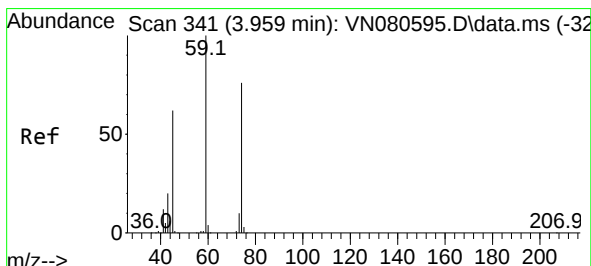
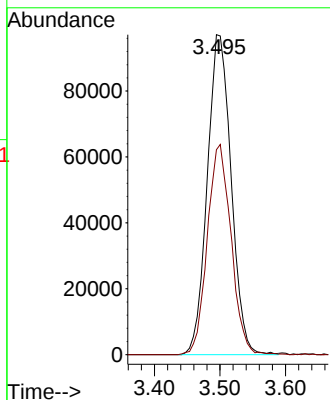
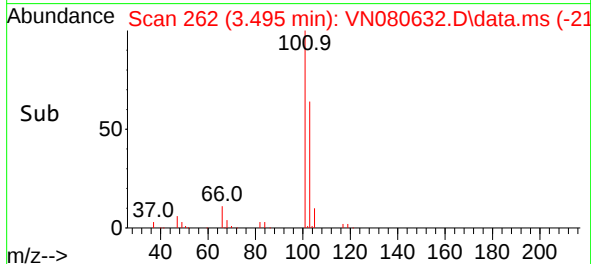
Instrument :
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Tgt Ion:101 Resp: 245762
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.7 76.1

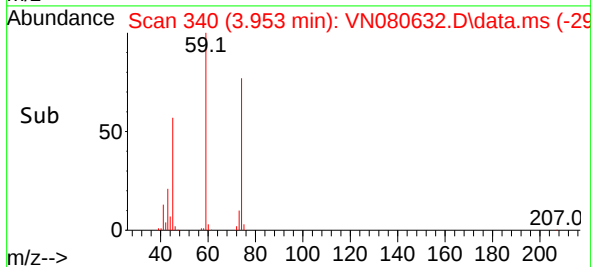
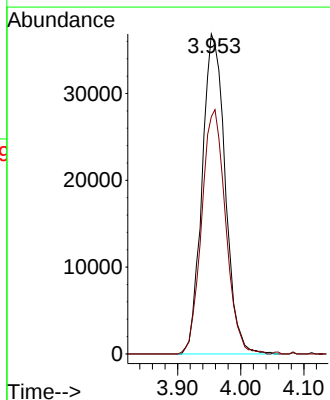
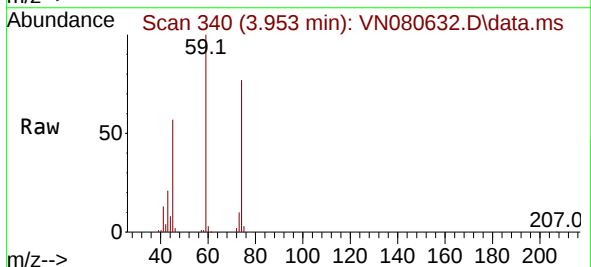
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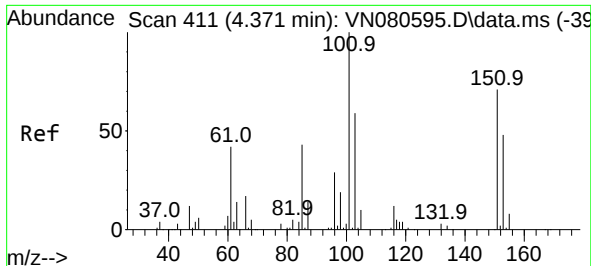
Reviewed By :John Carlone 01/04/2024
 Supervised By :Mahesh Dadoda 01/04/2024



#8
 Diethyl Ether
 Concen: 55.194 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN080632.D
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Tgt Ion: 74 Resp: 93390
 Ion Ratio Lower Upper
 74 100
 45 79.4 34.4 103.3





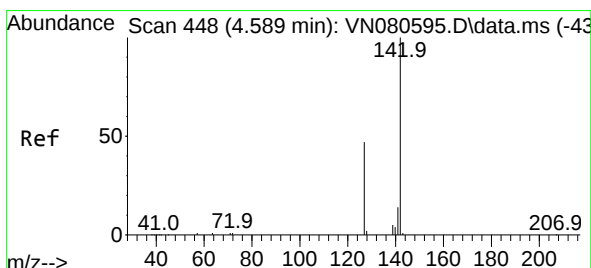
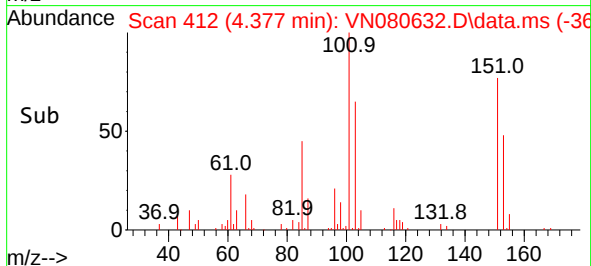
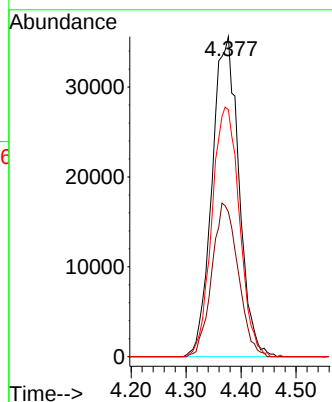
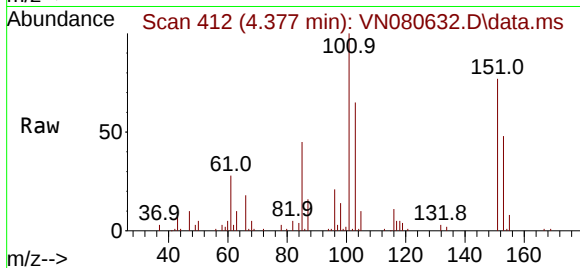
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.913 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 120798
Ion Ratio Lower Upper
101 100
85 47.0 36.6 55.0
151 79.7 57.6 86.4

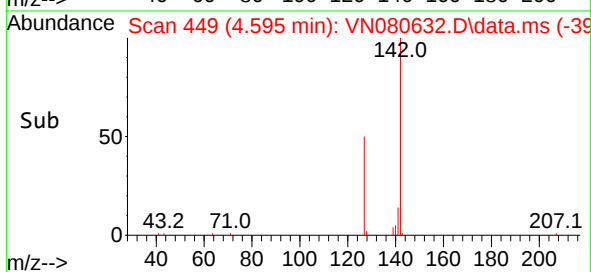
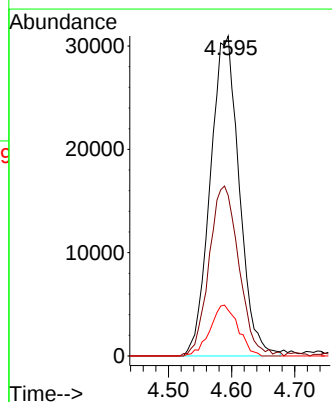
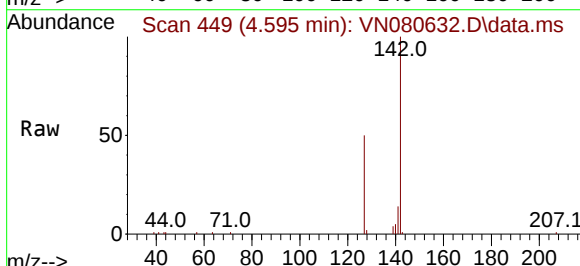
Manual Integrations
APPROVED

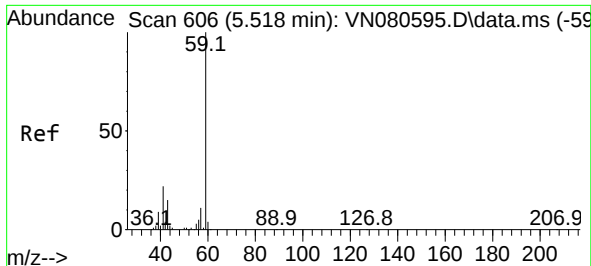
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#10
Methyl Iodide
Concen: 52.974 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.005 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

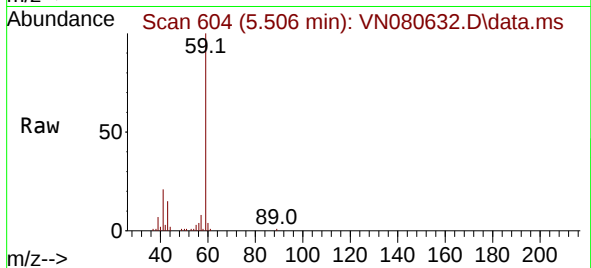
Tgt Ion:142 Resp: 98437
Ion Ratio Lower Upper
142 100
127 50.2 37.6 56.4
141 14.3 11.4 17.0





#11
Tert butyl alcohol
Concen: 272.226 ug/l
RT: 5.506 min Scan# 606
Delta R.T. -0.012 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

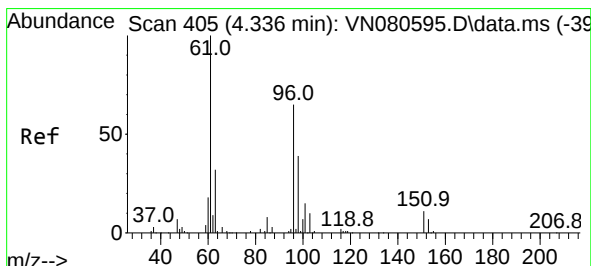
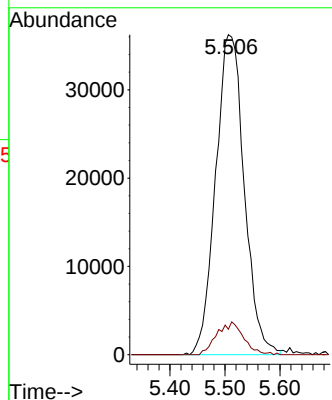
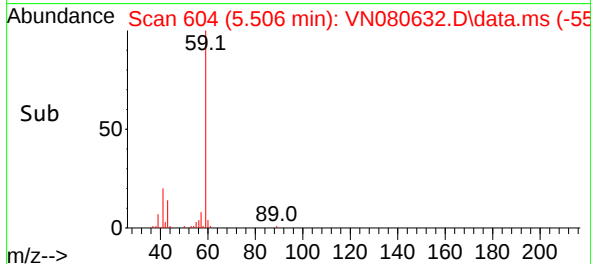
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



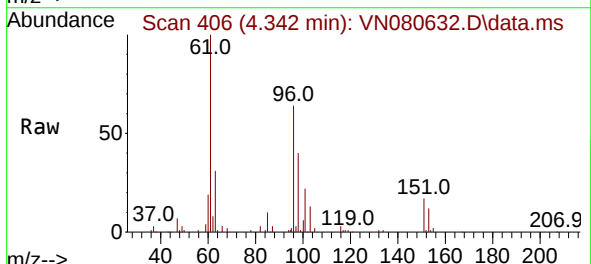
Tgt Ion: 59 Resp: 131133
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.4

Manual Integrations
APPROVED

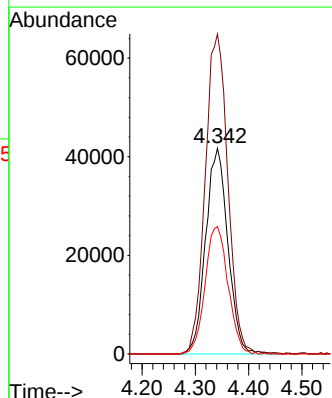
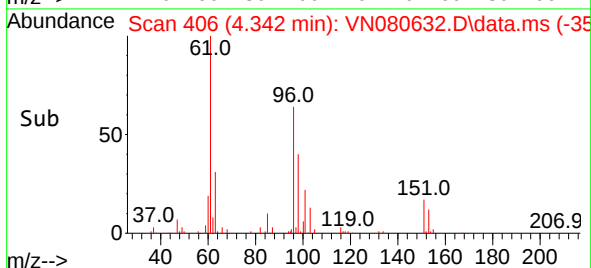
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024

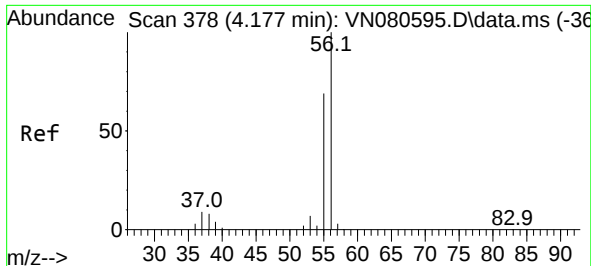


#12
1,1-Dichloroethene
Concen: 46.920 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48



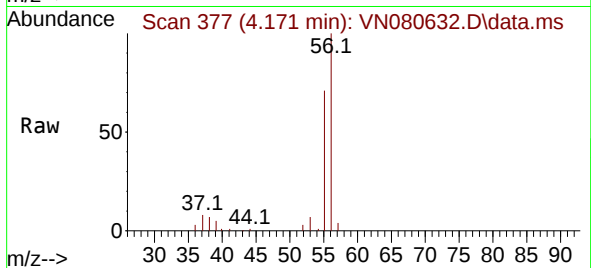
Tgt Ion: 96 Resp: 121046
Ion Ratio Lower Upper
96 100
61 155.5 112.7 169.1
98 61.9 51.2 76.8





#13
Acrolein
Concen: 235.562 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

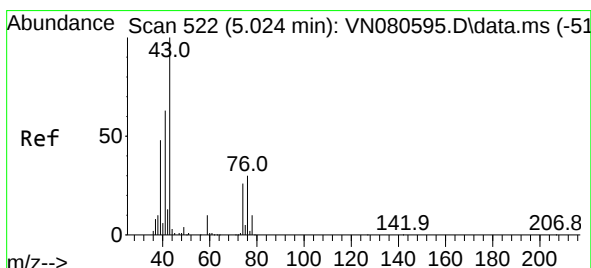
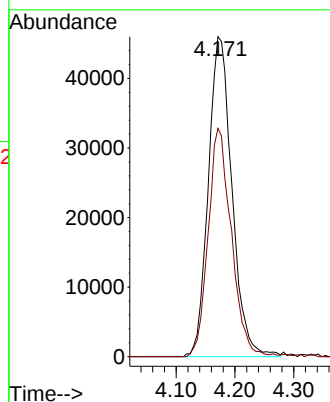
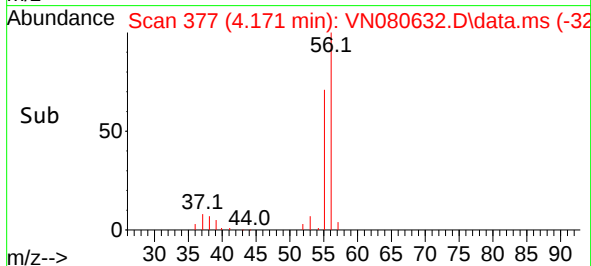
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 12829
Ion Ratio Lower Upper
56 100
55 70.1 54.5 81.7

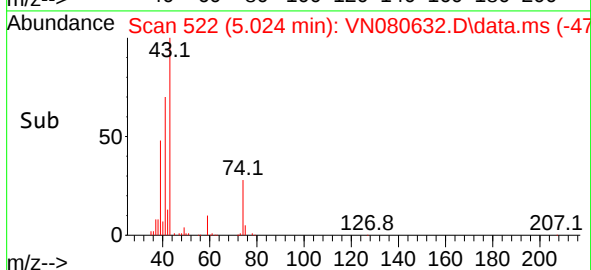
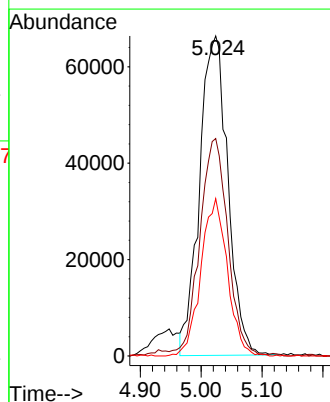
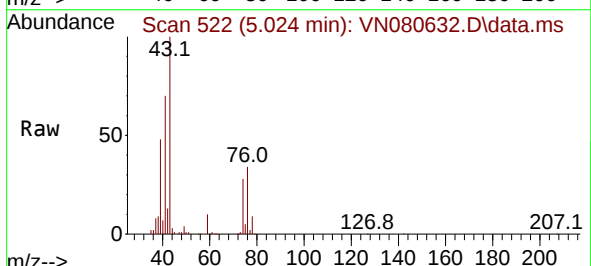
Manual Integrations
APPROVED

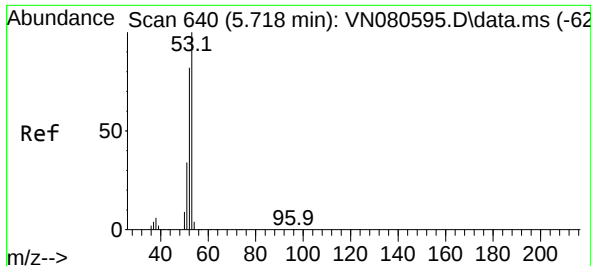
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#14
Allyl chloride
Concen: 54.750 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

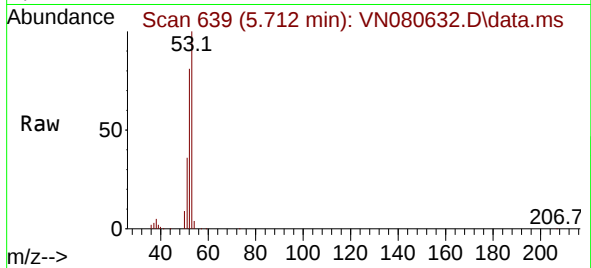
Tgt Ion: 41 Resp: 214434
Ion Ratio Lower Upper
41 100
39 66.7 58.8 88.2
76 46.1 39.1 58.7





#15
Acrylonitrile
Concen: 225.211 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

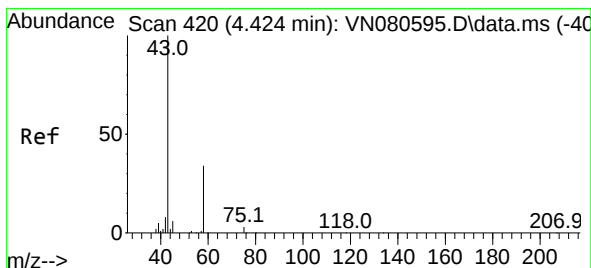
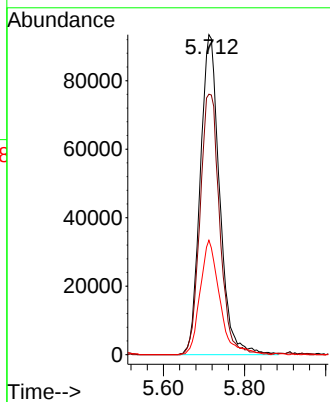
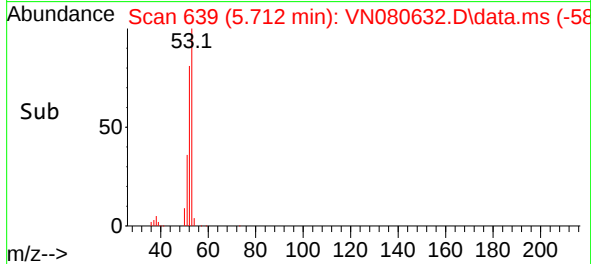
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 309414
Ion Ratio Lower Upper
53 100
52 82.7 65.3 97.9
51 36.3 28.9 43.3

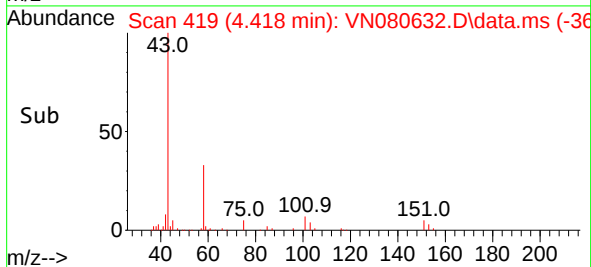
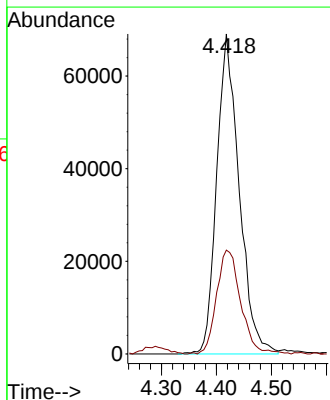
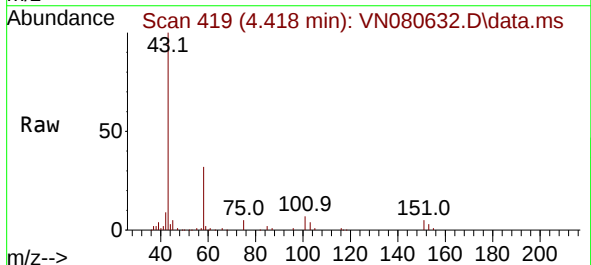
Manual Integrations
APPROVED

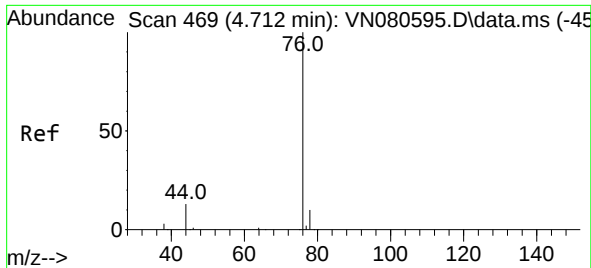
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#16
Acetone
Concen: 201.142 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

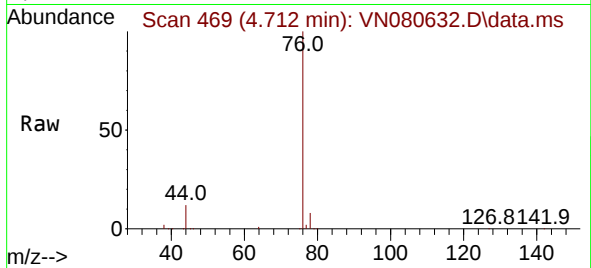
Tgt Ion: 43 Resp: 195775
Ion Ratio Lower Upper
43 100
58 32.0 28.0 42.0





#17
Carbon Disulfide
Concen: 42.507 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

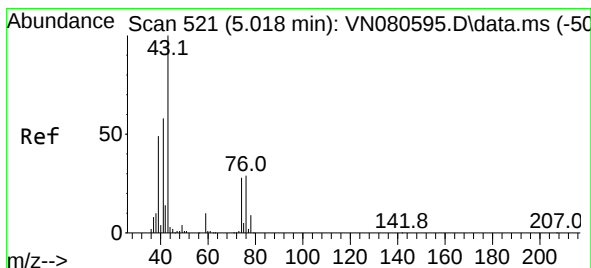
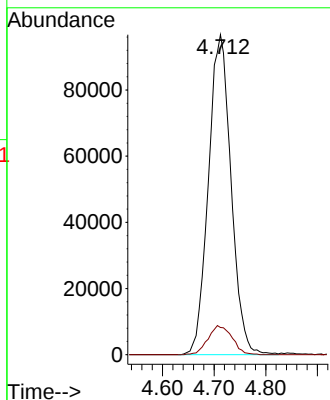
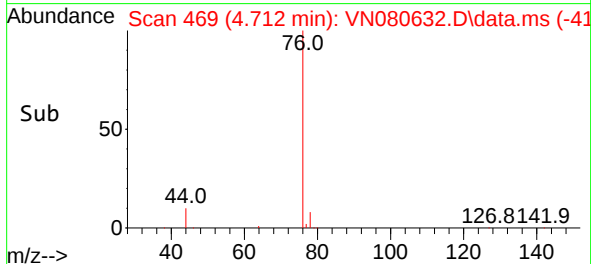
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 29489
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

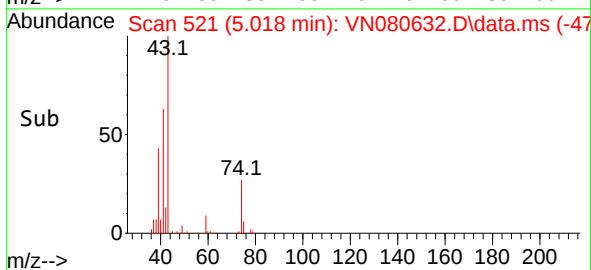
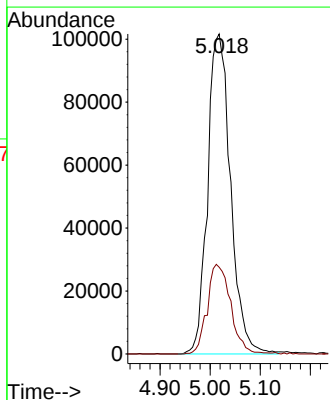
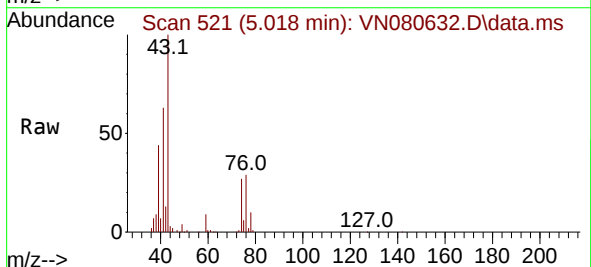
Manual Integrations
APPROVED

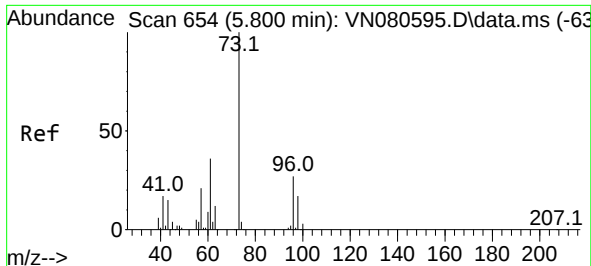
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#18
Methyl Acetate
Concen: 59.894 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

Tgt Ion: 43 Resp: 323199
Ion Ratio Lower Upper
43 100
74 28.6 26.2 39.4





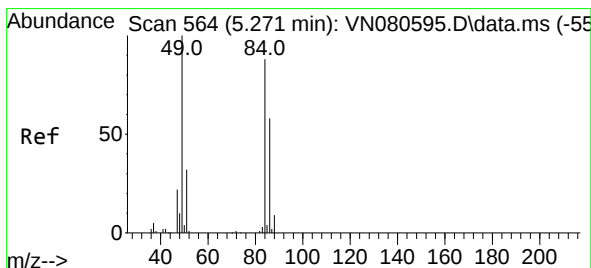
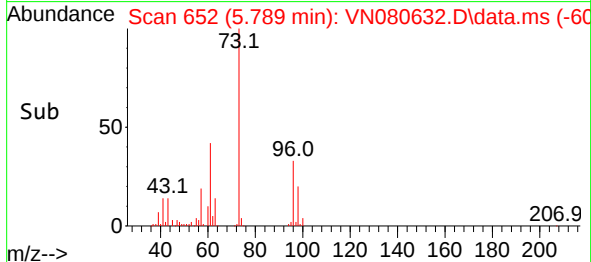
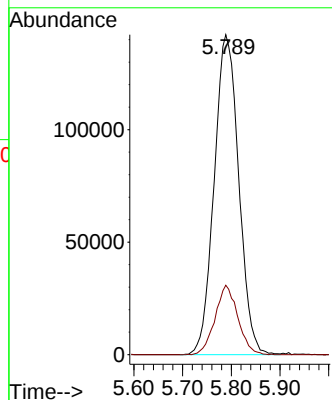
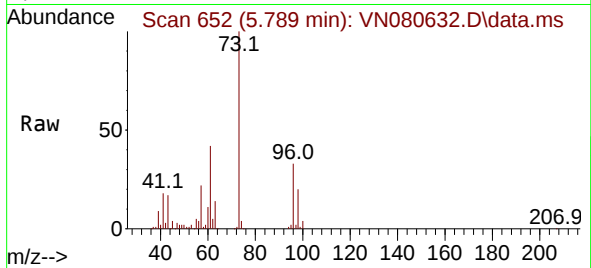
#19
Methyl tert-butyl Ether
Concen: 53.579 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 49763
Ion Ratio Lower Upper
73 100
57 21.7 15.6 23.4

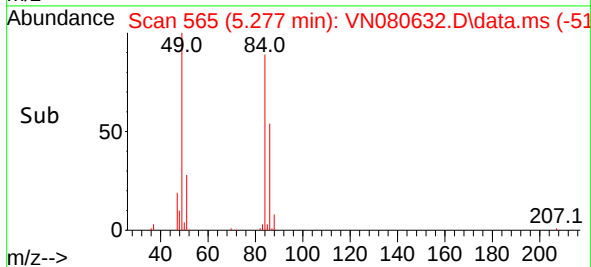
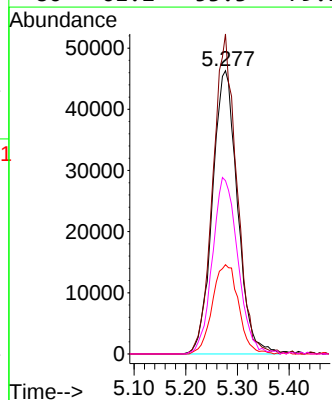
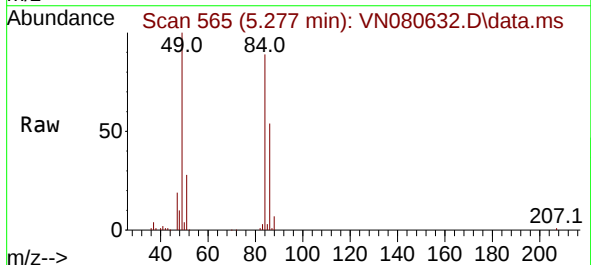
Manual Integrations
APPROVED

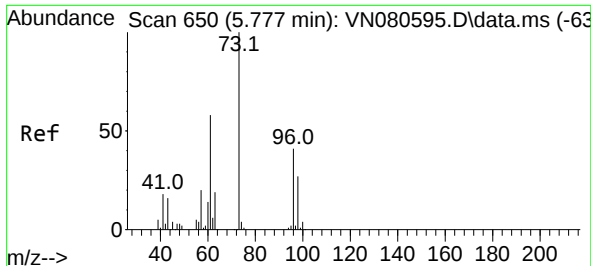
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#20
Methylene Chloride
Concen: 50.186 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

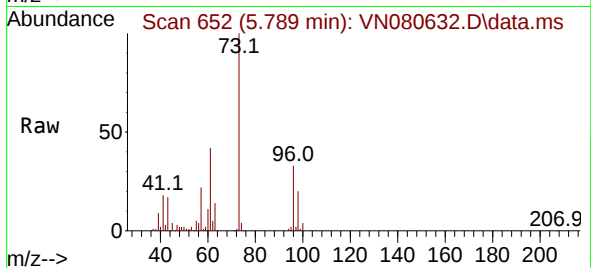
Tgt Ion: 84 Resp: 155859
Ion Ratio Lower Upper
84 100
49 113.0 79.7 119.5
51 31.6 25.2 37.8
86 61.2 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 44.877 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

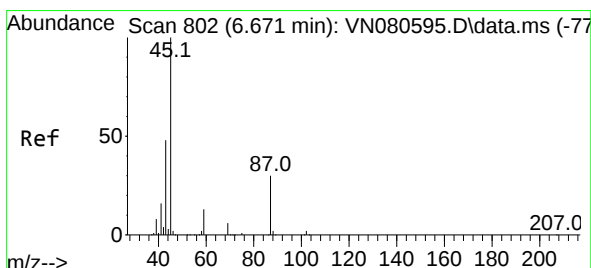
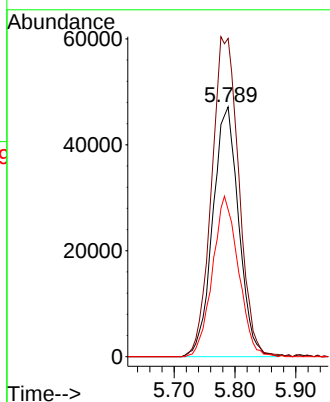
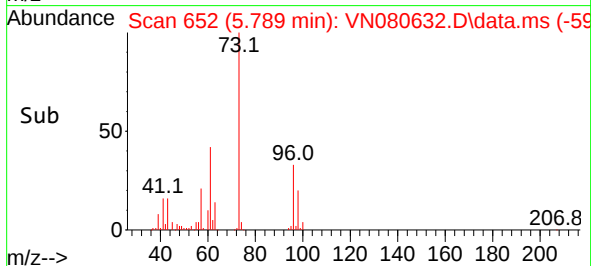
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 13988
Ion Ratio Lower Upper
96 100
61 127.4 90.1 135.1
98 58.8 46.4 69.6

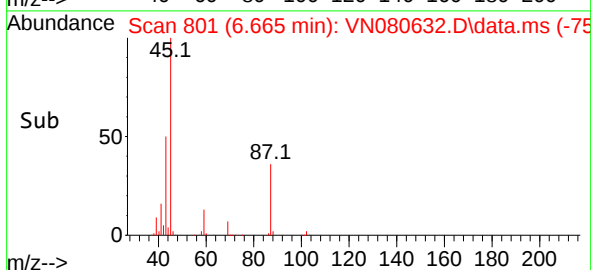
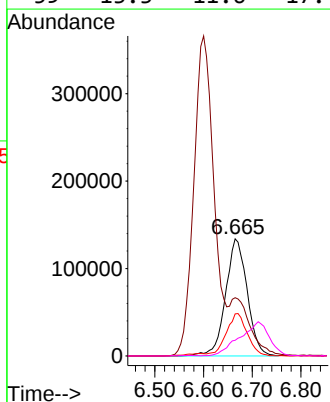
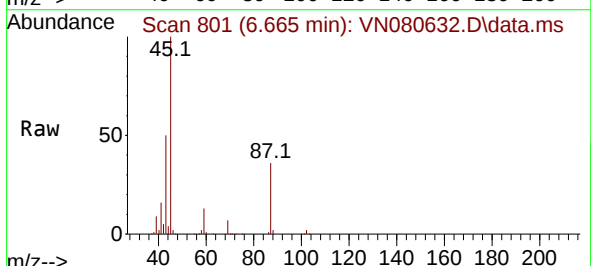
Manual Integrations
APPROVED

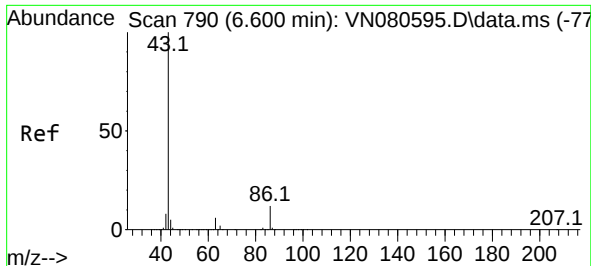
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#22
Diisopropyl ether
Concen: 47.543 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

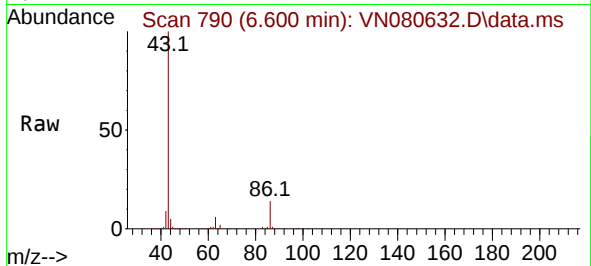
Tgt Ion: 45 Resp: 413602
Ion Ratio Lower Upper
45 100
43 47.9 45.5 68.3
87 35.8 31.8 47.8
59 13.3 11.6 17.4





#23
 Vinyl Acetate
 Concen: 218.045 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080632.D
 Acq: 03 Jan 2024 11:48

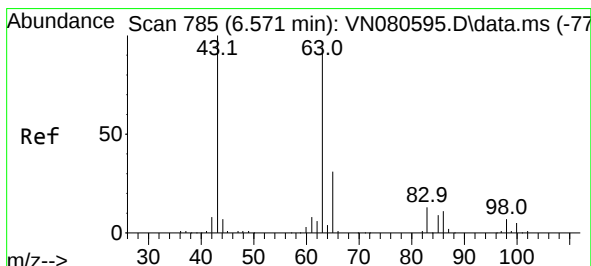
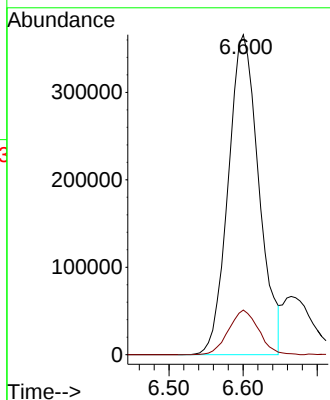
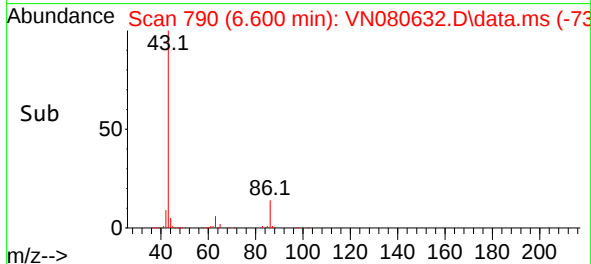
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



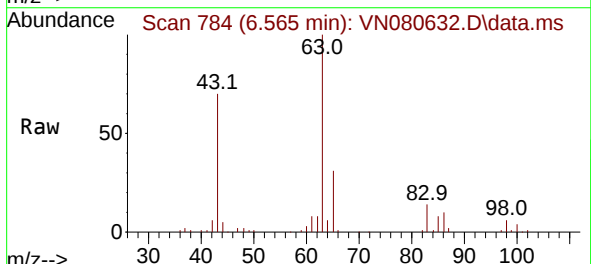
Tgt Ion: 43 Resp: 1052070
 Ion Ratio Lower Upper
 43 100
 86 13.9 13.0 19.6

Manual Integrations
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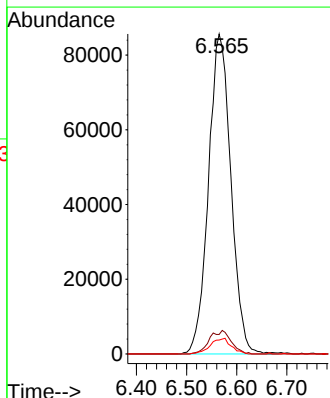
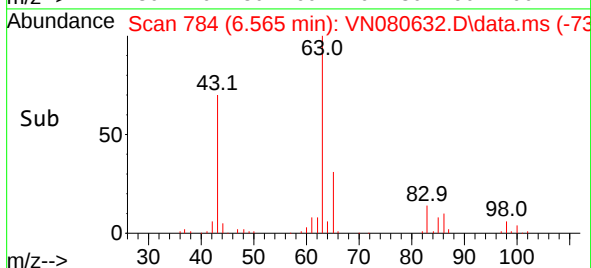
Reviewed By :John Carlone 01/04/2024
 Supervised By :Mahesh Dadoda 01/04/2024

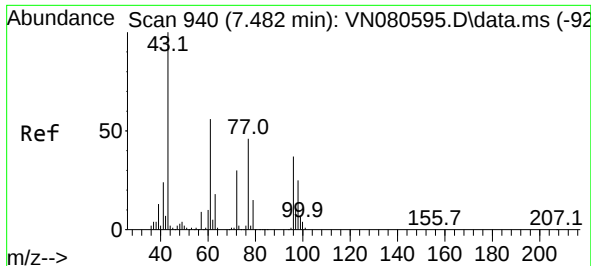


#24
 1,1-Dichloroethane
 Concen: 45.623 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN080632.D
 Acq: 03 Jan 2024 11:48



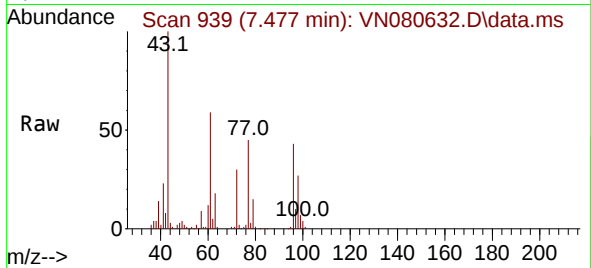
Tgt Ion: 63 Resp: 266031
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.9 11.7
 100 4.4 2.5 7.4





#25
2-Butanone
Concen: 258.869 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

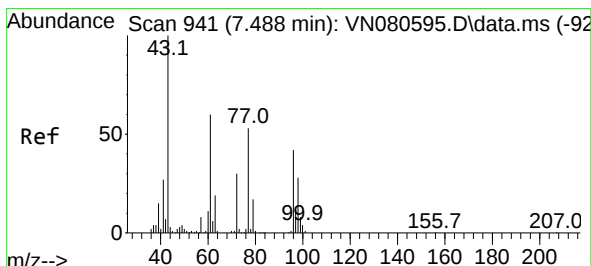
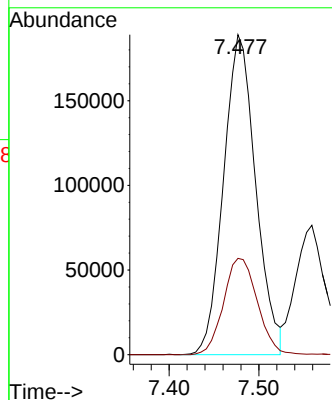
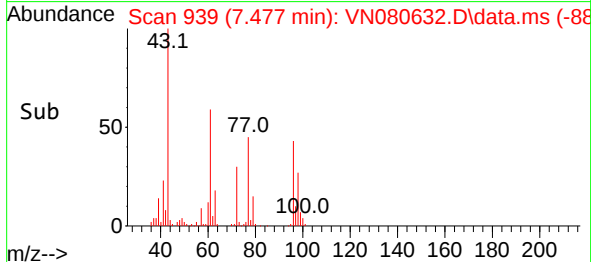
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



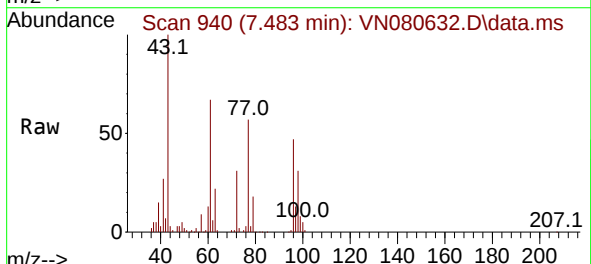
Tgt Ion: 43 Resp: 470924
Ion Ratio Lower Upper
43 100
72 30.1 30.2 45.2

Manual Integrations
APPROVED

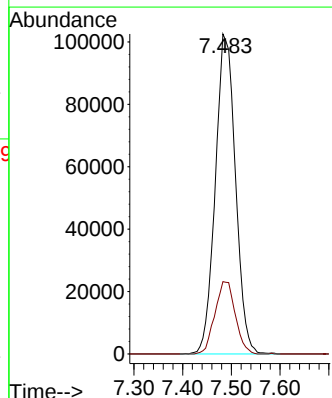
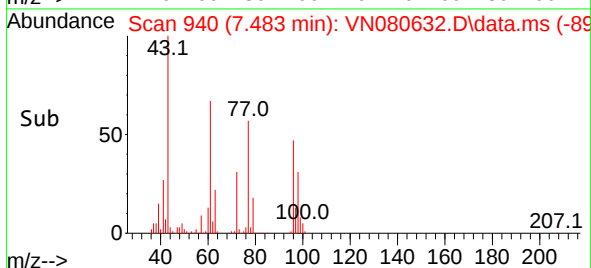
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024

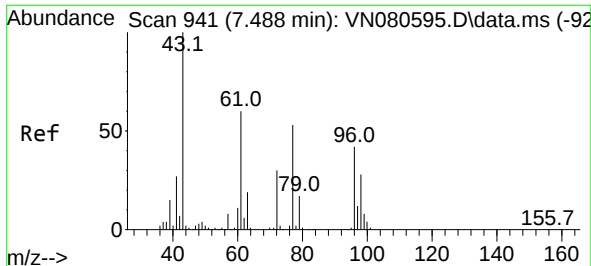


#26
2,2-Dichloropropane
Concen: 58.139 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48



Tgt Ion: 77 Resp: 295100
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 61.805 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN080632.D

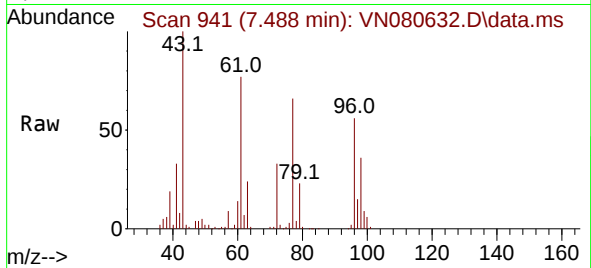
Acq: 03 Jan 2024 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



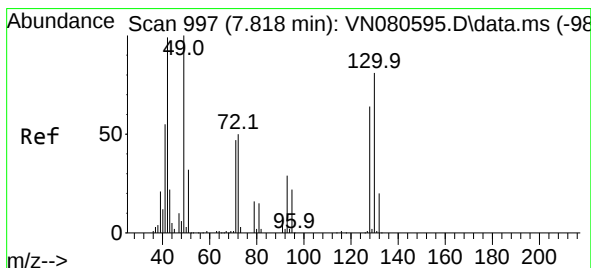
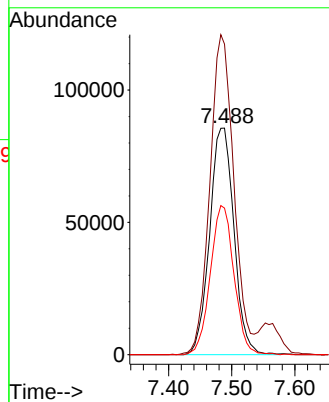
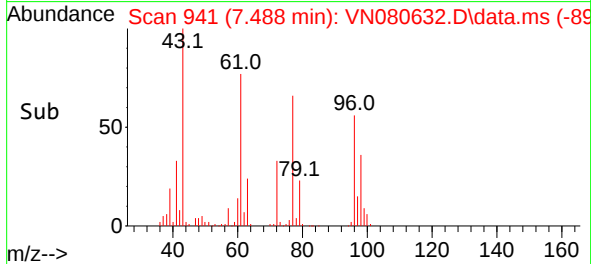
Tgt Ion:	96	Resp:	229135
Ion Ratio	100	Lower	Upper
96	100		
61	139.4	0.0	255.2
98	64.0	0.0	128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#28

Bromochloromethane

Concen: 42.613 ug/l

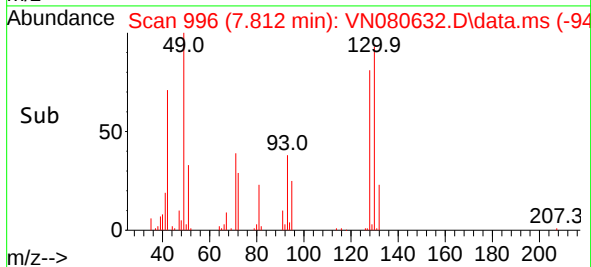
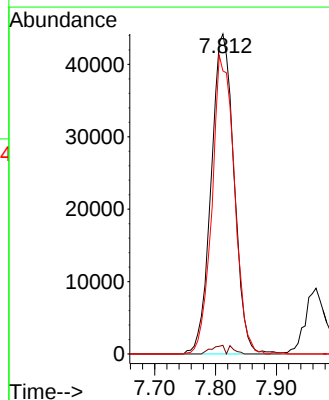
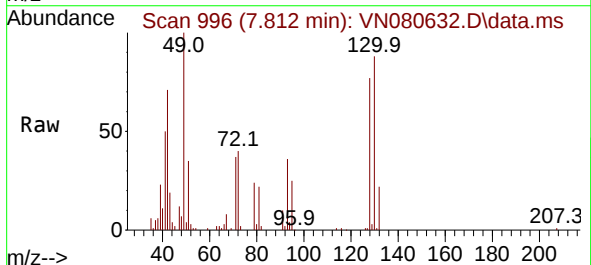
RT: 7.812 min Scan# 996

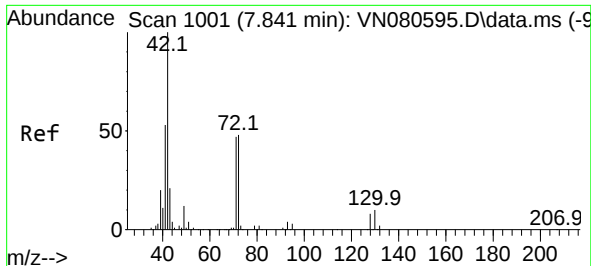
Delta R.T. -0.006 min

Lab File: VN080632.D

Acq: 03 Jan 2024 11:48

Tgt Ion:	49	Resp:	115535
Ion Ratio	100	Lower	Upper
49	100		
129	1.5	0.0	4.8
130	90.9	75.3	112.9





#29

Tetrahydrofuran

Concen: 189.581 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VN080632.D

Acq: 03 Jan 2024 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 224918

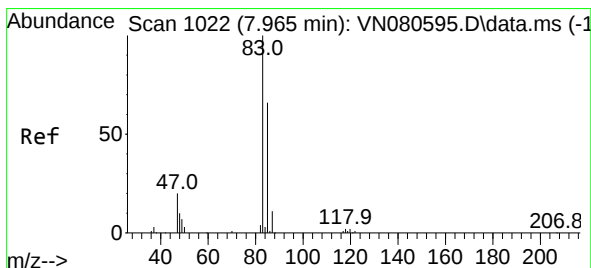
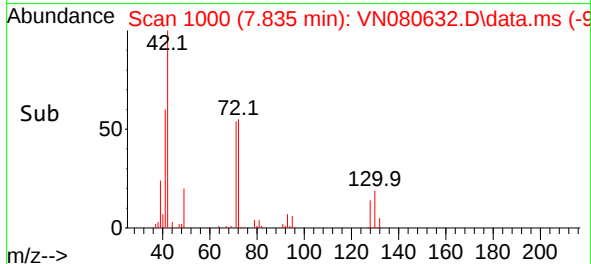
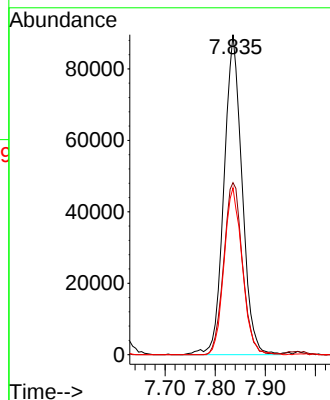
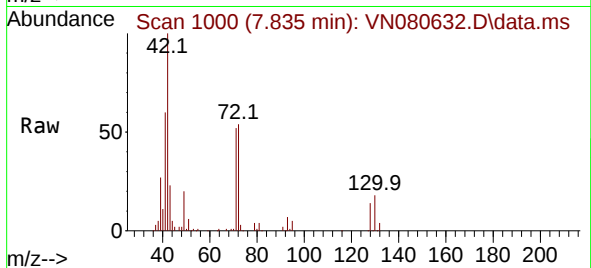
Ion	Ratio	Lower	Upper
42	100		
72	55.7	49.8	74.6
71	52.4	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#30

Chloroform

Concen: 52.030 ug/l

RT: 7.965 min Scan# 1022

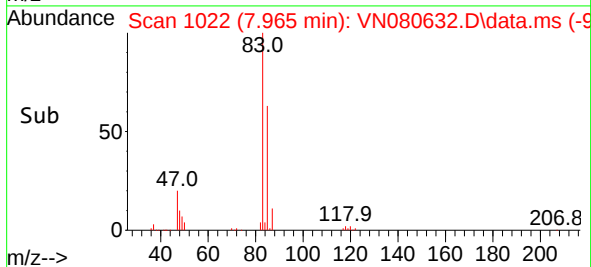
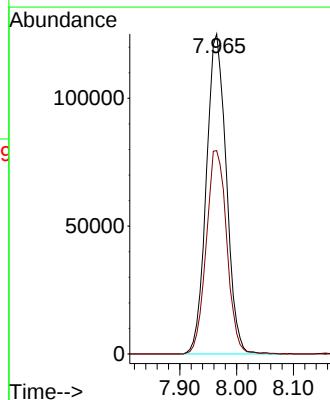
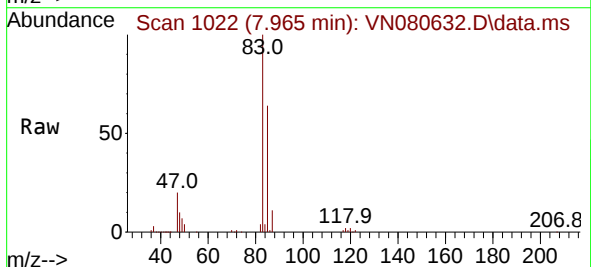
Delta R.T. 0.000 min

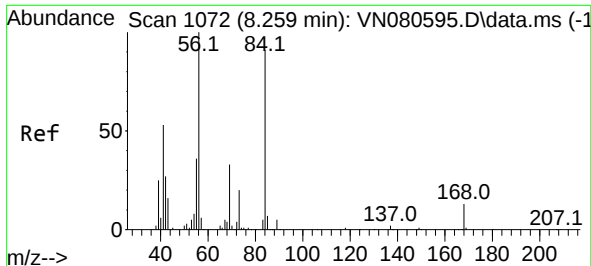
Lab File: VN080632.D

Acq: 03 Jan 2024 11:48

Tgt Ion: 83 Resp: 304589

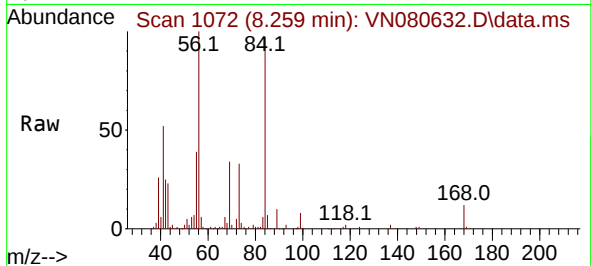
Ion	Ratio	Lower	Upper
83	100		
85	63.5	55.4	83.0





#31
Cyclohexane
Concen: 36.777 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

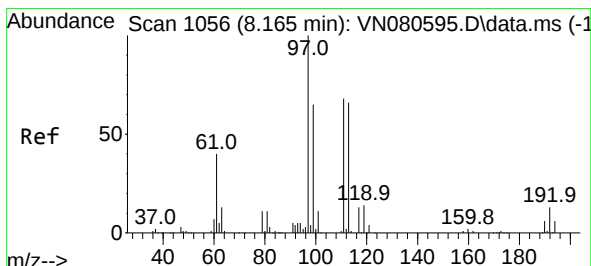
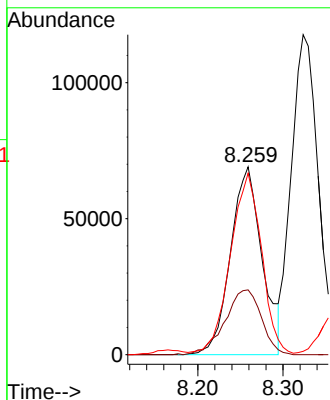
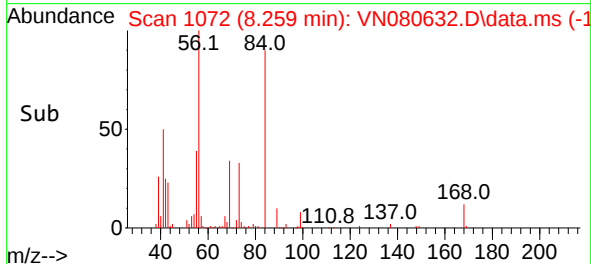
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 178162
Ion Ratio Lower Upper
56 100
69 33.9 26.8 40.2
84 94.5 81.8 122.6

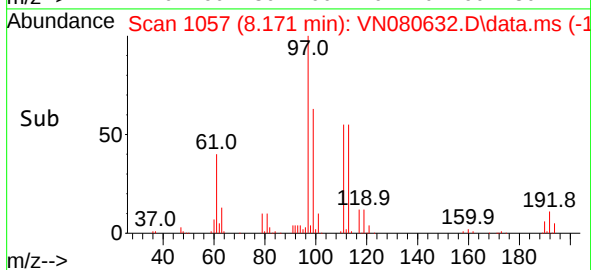
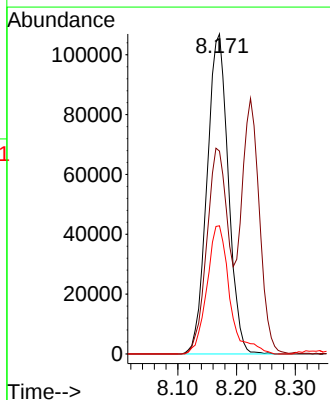
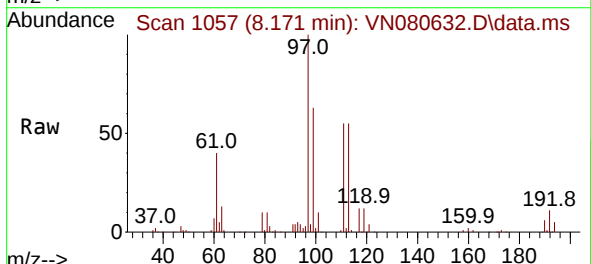
Manual Integrations
APPROVED

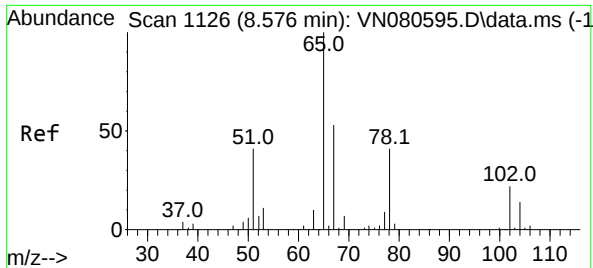
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#32
1,1,1-Trichloroethane
Concen: 50.903 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

Tgt Ion: 97 Resp: 268699
Ion Ratio Lower Upper
97 100
99 64.2 50.3 75.5
61 42.8 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 52.984 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

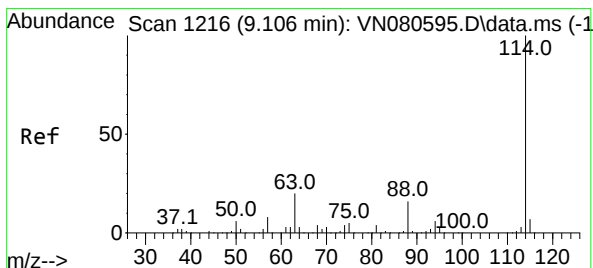
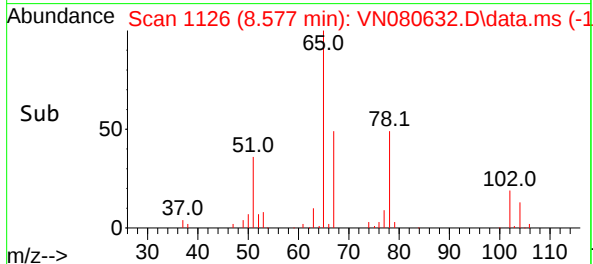
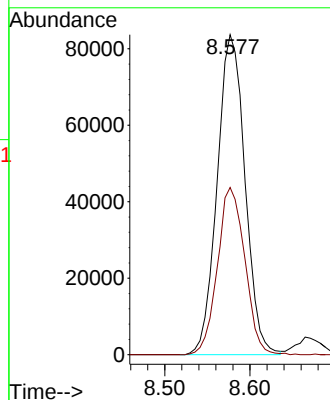
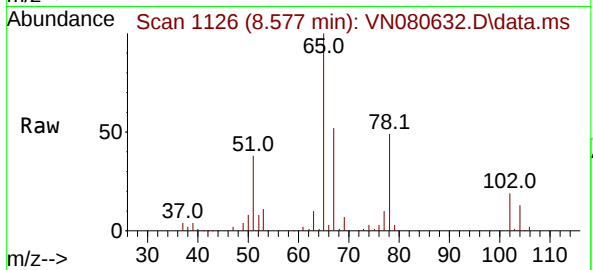
Tgt Ion: 65 Resp: 18971
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.6

Manual Integrations

APPROVED

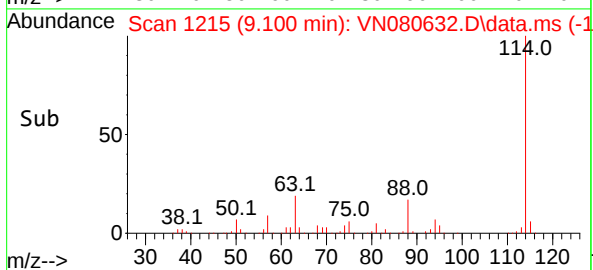
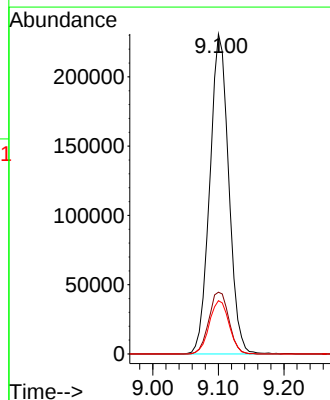
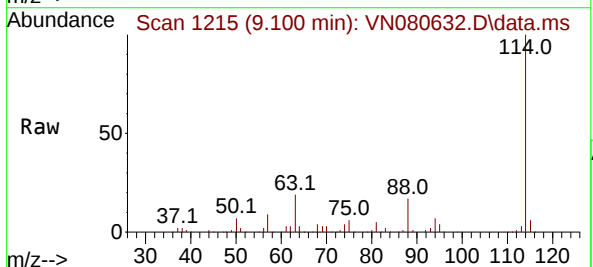
Reviewed By :John Carlone 01/04/2024

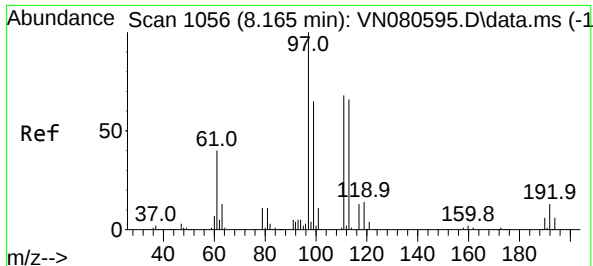
Supervised By :Mahesh Dadoda 01/04/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

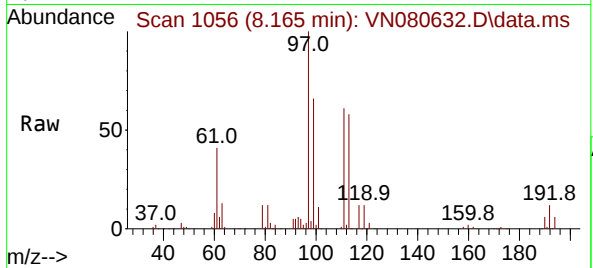
Tgt Ion:114 Resp: 462249
Ion Ratio Lower Upper
114 100
63 19.3 0.0 36.4
88 16.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.189 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

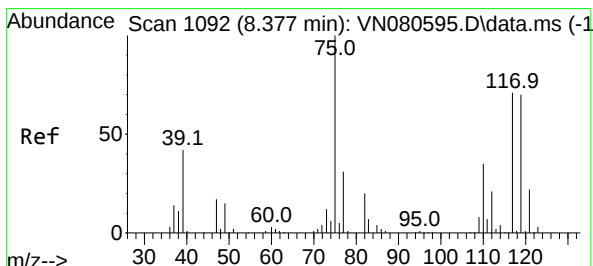
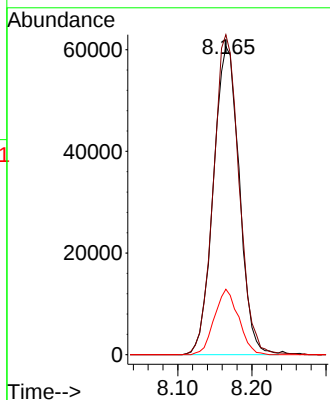
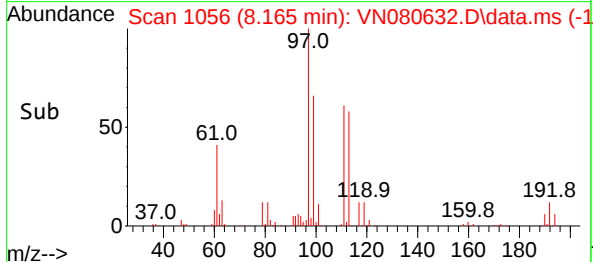
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



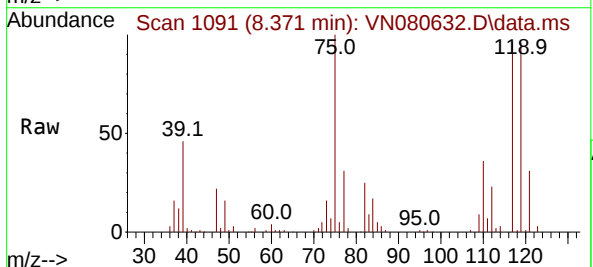
Tgt Ion: 113 Resp: 14705
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 19.9 12.7 19.1

Manual Integrations
APPROVED

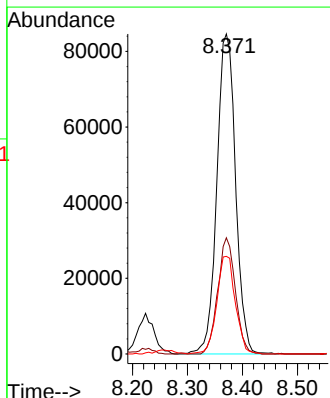
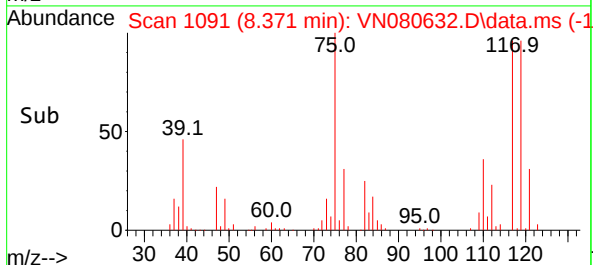
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024

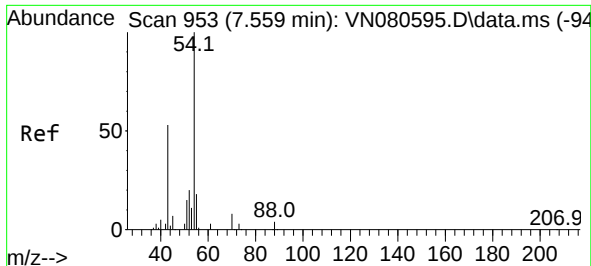


#36
1,1-Dichloropropene
Concen: 43.517 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48



Tgt Ion: 75 Resp: 200227
Ion Ratio Lower Upper
75 100
110 34.2 19.1 57.3
77 30.4 25.0 37.4





#37

Ethyl Acetate

Concen: 52.234 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN080632.D

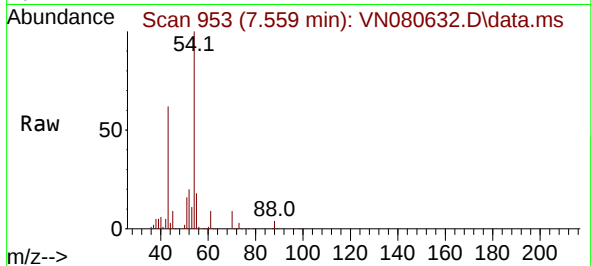
Acq: 03 Jan 2024 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

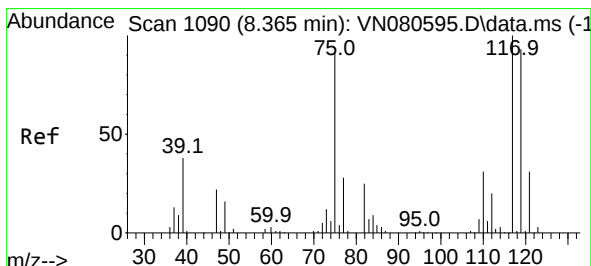
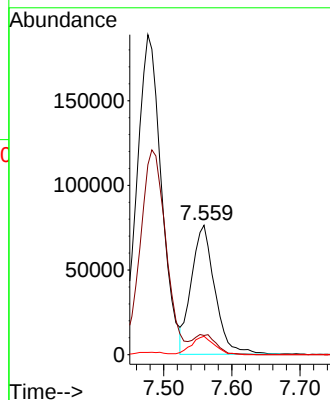
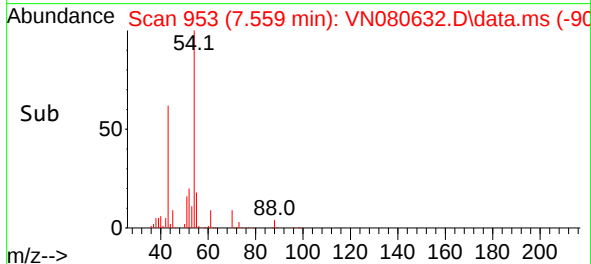


Tgt Ion:	43	Resp:	18134
Ion	Ratio	Lower	Upper
43	100		
61	15.6	13.2	19.8
70	14.1	11.3	16.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#38

Carbon Tetrachloride

Concen: 49.313 ug/l

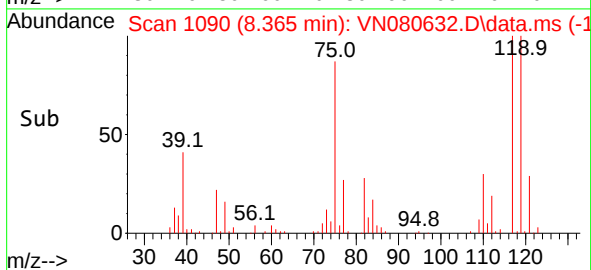
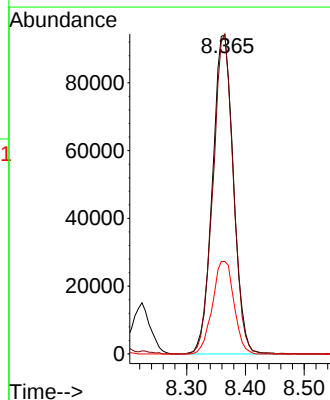
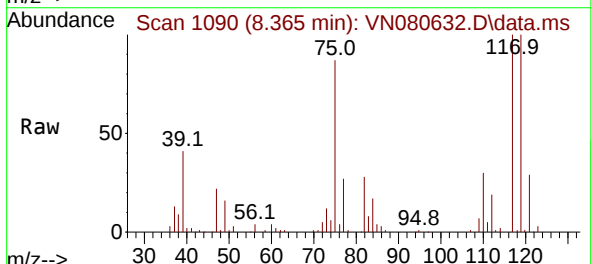
RT: 8.365 min Scan# 1090

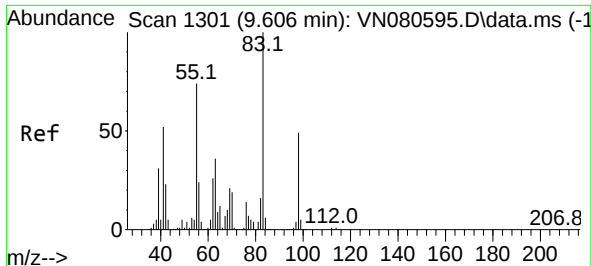
Delta R.T. 0.000 min

Lab File: VN080632.D

Acq: 03 Jan 2024 11:48

Tgt Ion:	117	Resp:	232116
Ion	Ratio	Lower	Upper
117	100		
119	100.3	77.3	115.9
121	29.0	23.3	34.9





#39

Methylcyclohexane

Concen: 48.634 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.006 min

Lab File: VN080632.D

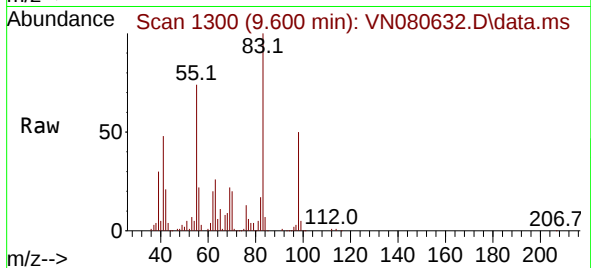
Acq: 03 Jan 2024 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 83 Resp: 183538

Ion Ratio Lower Upper

83 100

55 74.3 49.1 73.7

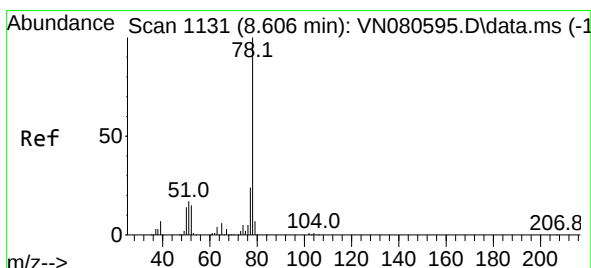
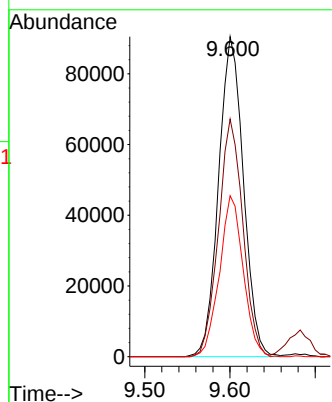
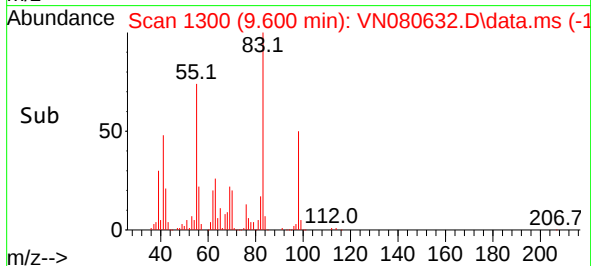
98 50.3 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#40

Benzene

Concen: 46.483 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080632.D

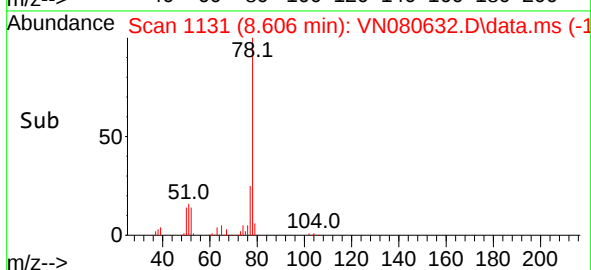
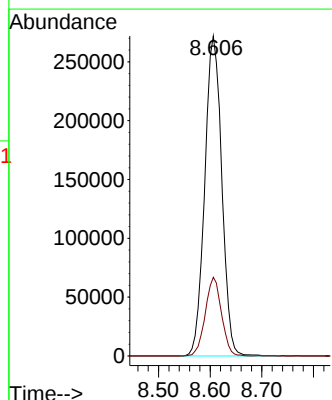
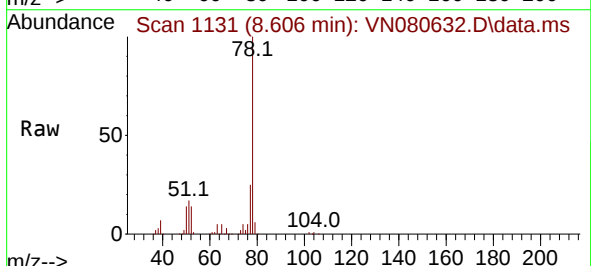
Acq: 03 Jan 2024 11:48

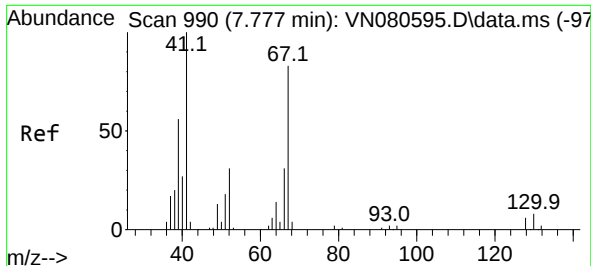
Tgt Ion: 78 Resp: 623316

Ion Ratio Lower Upper

78 100

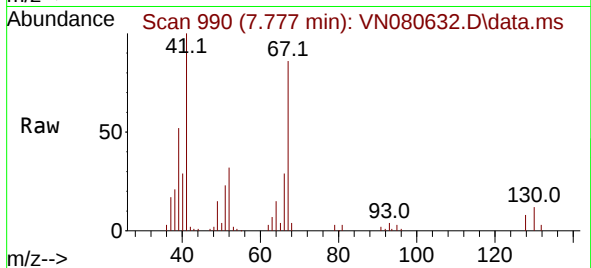
77 24.6 19.0 28.6





#41
Methacrylonitrile
Concen: 40.215 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

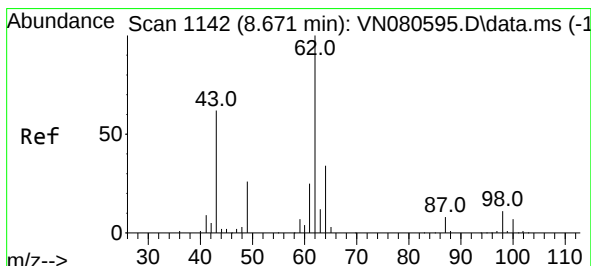
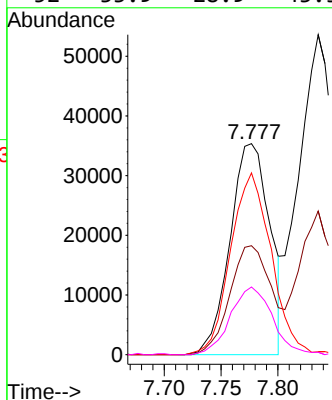
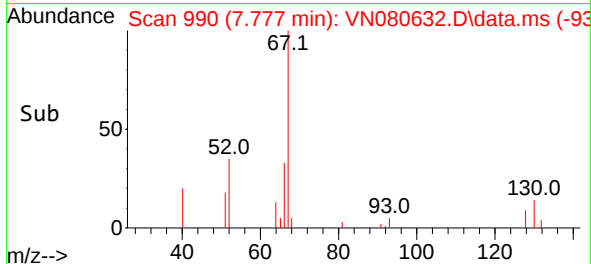
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



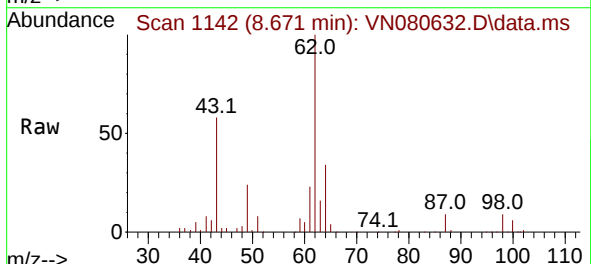
Tgt Ion: 41 Resp: 86100
Ion Ratio Lower Upper
41 100
39 55.2 42.6 64.0
67 88.6 77.5 116.3
52 33.9 28.9 43.3

Manual Integrations
APPROVED

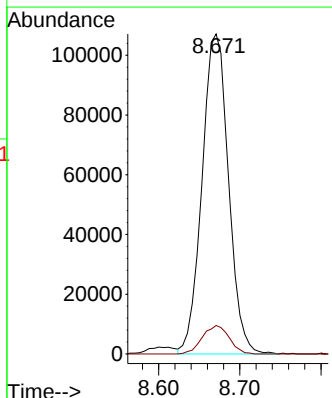
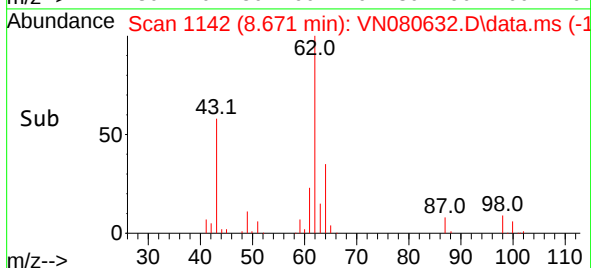
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024

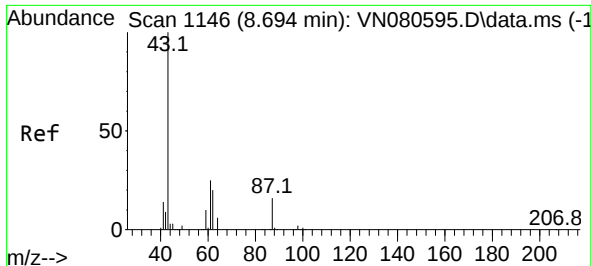


#42
1,2-Dichloroethane
Concen: 56.986 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48



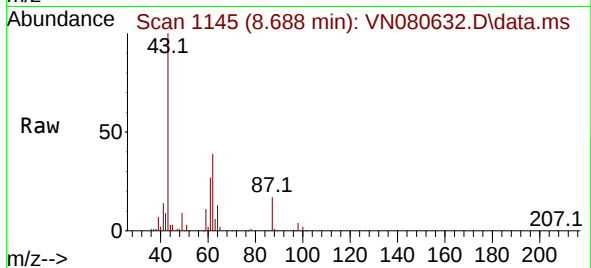
Tgt Ion: 62 Resp: 242940
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.8





#43
Isopropyl Acetate
Concen: 46.348 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

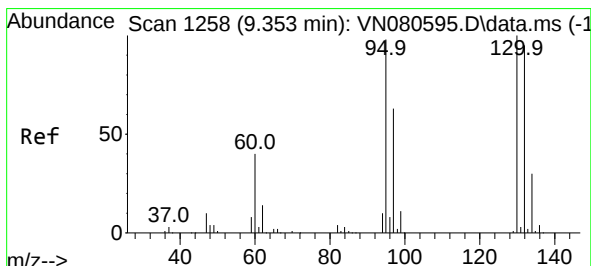
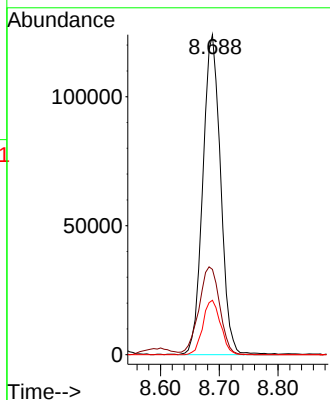
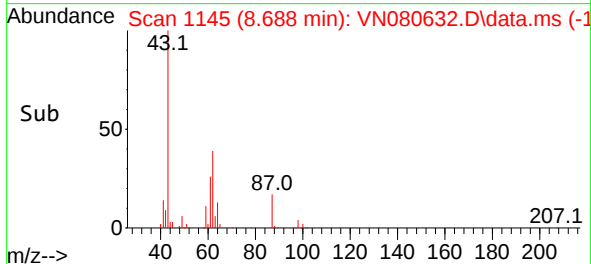
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



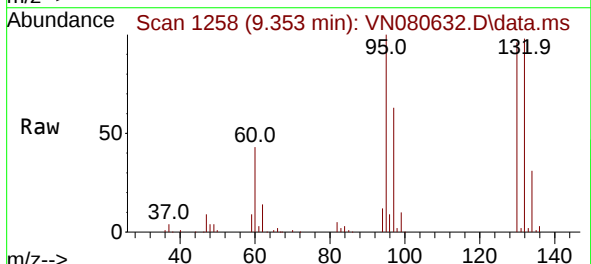
Tgt Ion: 43 Resp: 260815
Ion Ratio Lower Upper
43 100
61 32.1 24.7 37.1
87 16.9 14.6 21.8

Manual Integrations
APPROVED

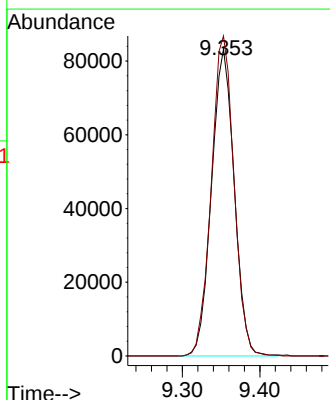
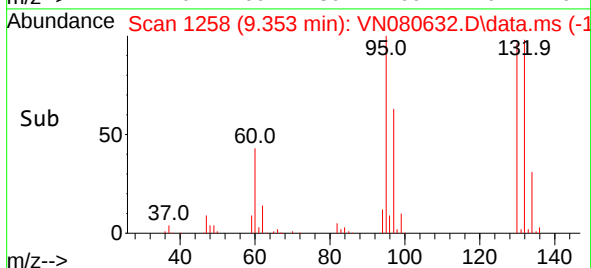
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024

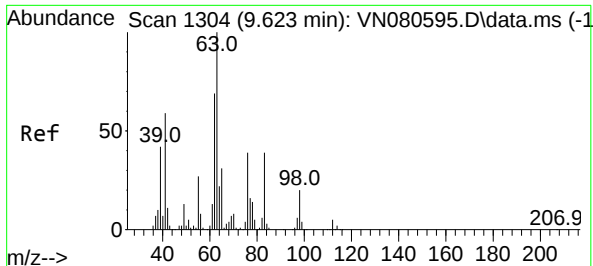


#44
Trichloroethene
Concen: 49.283 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48



Tgt Ion:130 Resp: 169264
Ion Ratio Lower Upper
130 100
95 104.2 0.0 204.6





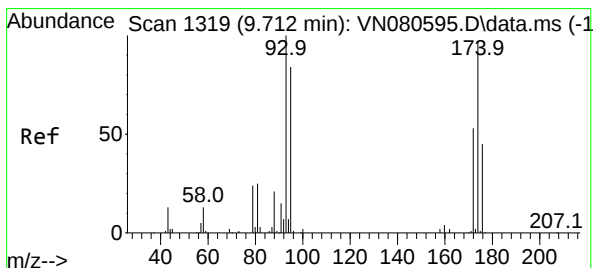
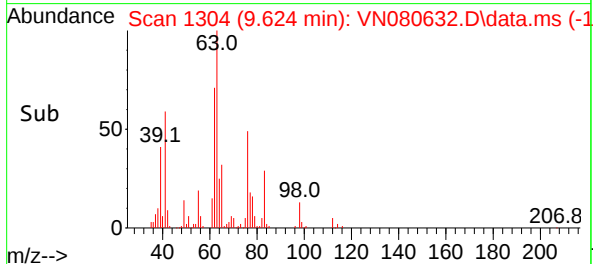
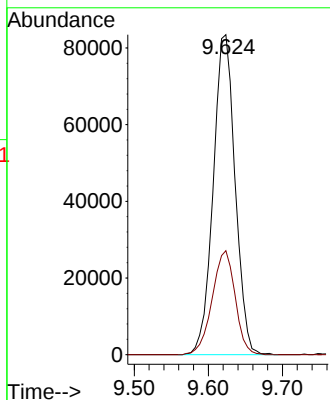
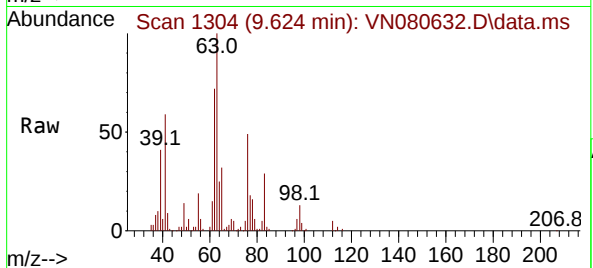
#45
1,2-Dichloropropane
Concen: 54.829 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 17145
Ion Ratio Lower Upper
63 100
65 32.5 23.9 35.9

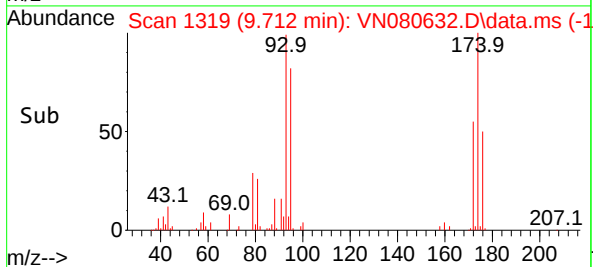
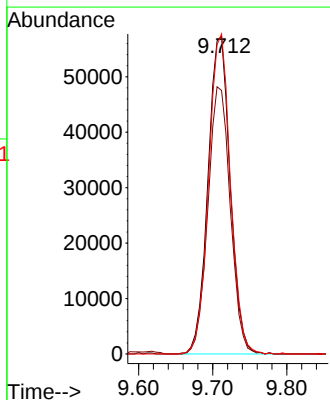
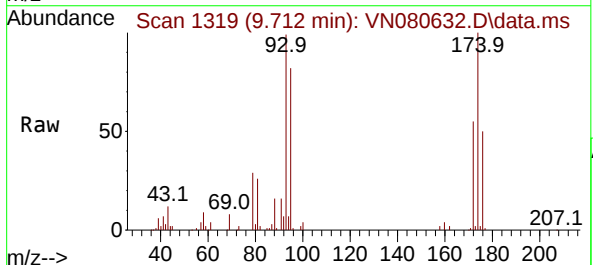
Manual Integrations
APPROVED

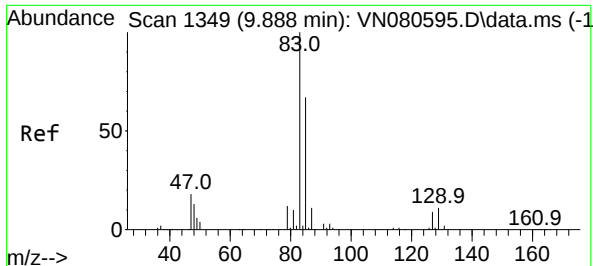
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#46
Dibromomethane
Concen: 56.656 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

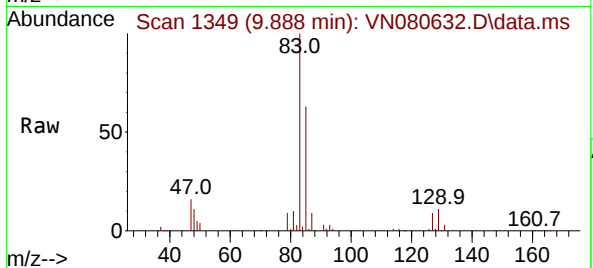
Tgt Ion: 93 Resp: 119198
Ion Ratio Lower Upper
93 100
95 85.0 63.8 95.8
174 99.0 65.6 98.4#





#47
Bromodichloromethane
Concen: 60.512 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

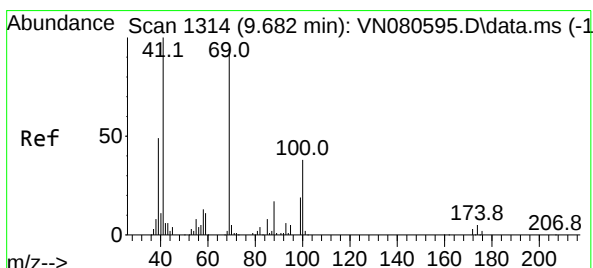
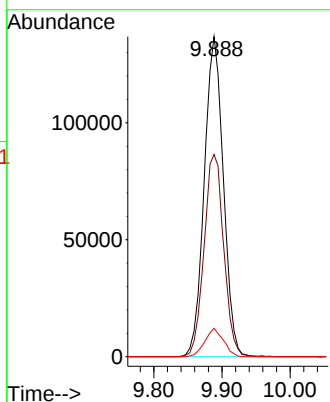
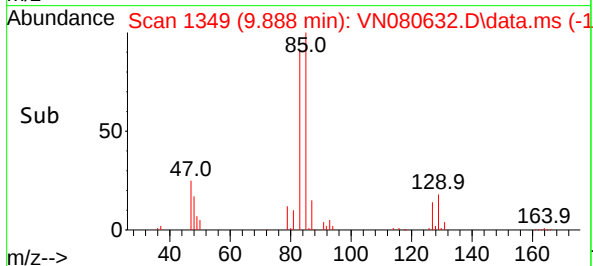
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



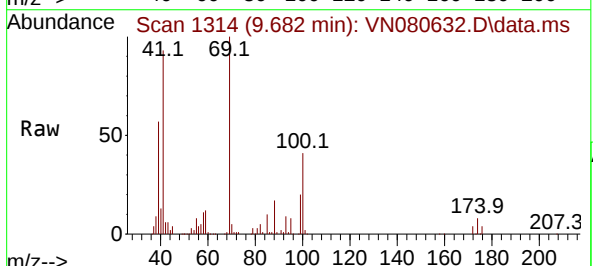
Tgt Ion: 83 Resp: 266859
Ion Ratio Lower Upper
83 100
85 63.2 49.6 74.4
127 8.9 7.0 10.6

Manual Integrations
APPROVED

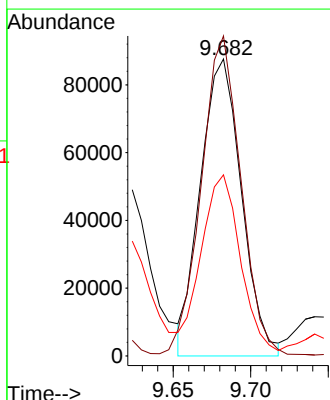
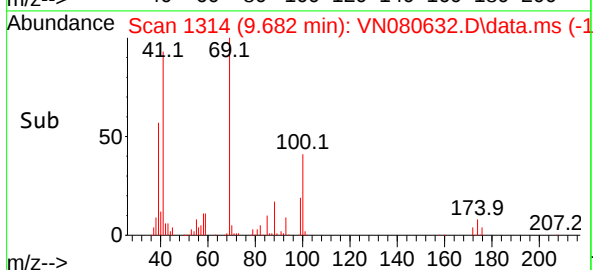
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024

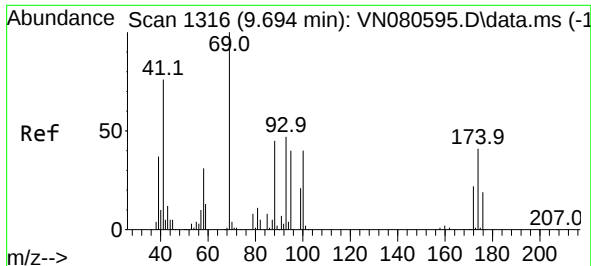


#48
Methyl methacrylate
Concen: 51.634 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48



Tgt Ion: 41 Resp: 161332
Ion Ratio Lower Upper
41 100
69 104.7 90.4 135.6
39 59.1 54.6 81.8





#49

1,4-Dioxane

Concen: 950.617 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN080632.D

Acq: 03 Jan 2024 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

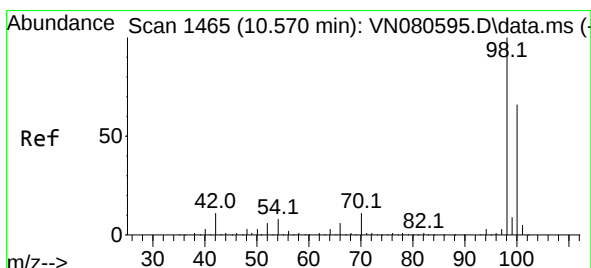
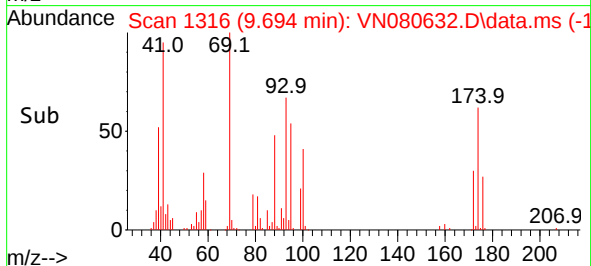
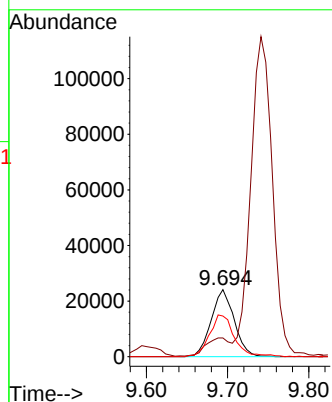
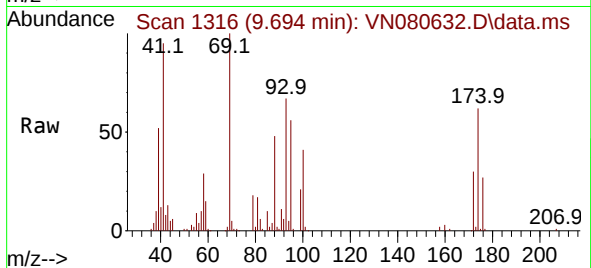
Tgt Ion:	88	Resp:	47475
Ion Ratio	Lower	Upper	
88	100		
43	28.9	17.0	25.6
58	67.1	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#50

Toluene-d8

Concen: 54.889 ug/l

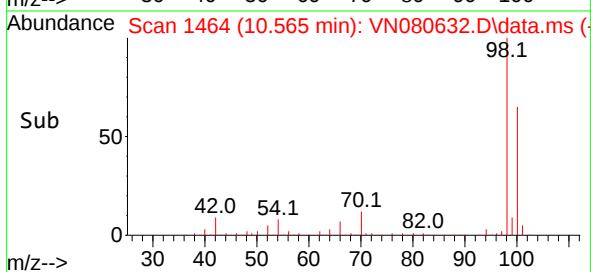
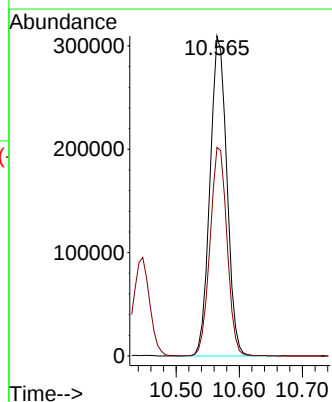
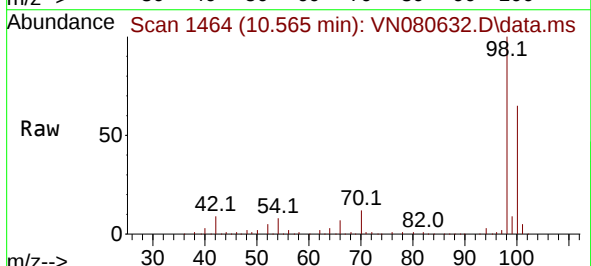
RT: 10.565 min Scan# 1464

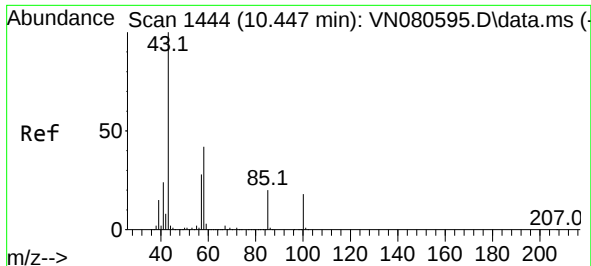
Delta R.T. -0.006 min

Lab File: VN080632.D

Acq: 03 Jan 2024 11:48

Tgt Ion:	98	Resp:	572947
Ion Ratio	Lower	Upper	
98	100		
100	65.8	52.0	78.0





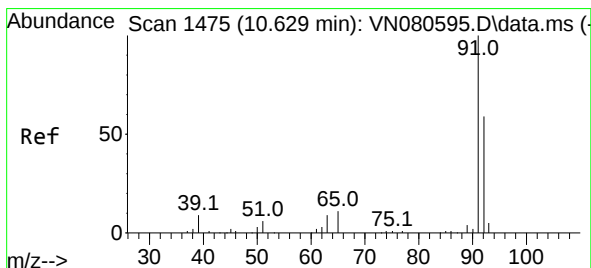
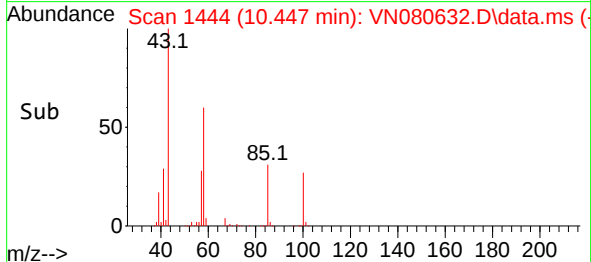
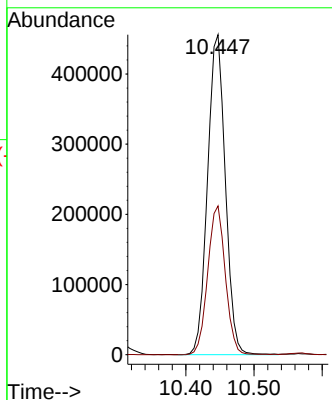
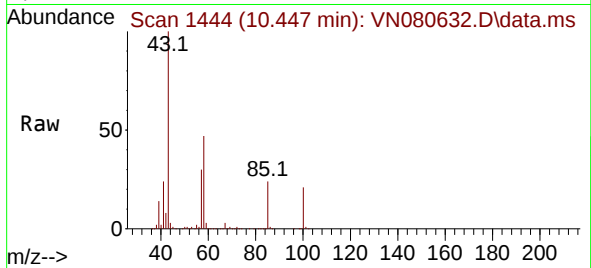
#51
4-Methyl-2-Pentanone
Concen: 258.800 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 828319
Ion Ratio Lower Upper
43 100
58 46.0 36.6 54.8

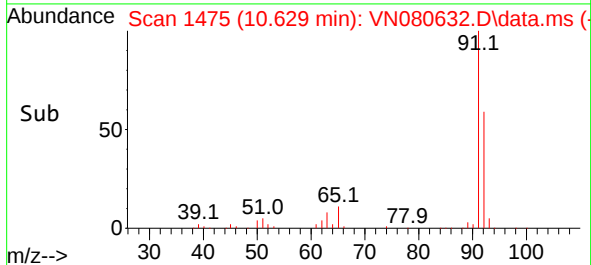
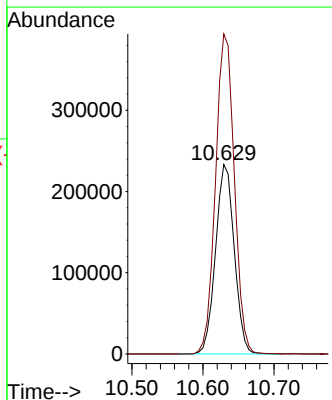
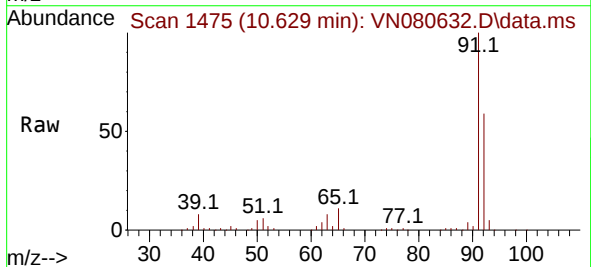
Manual Integrations
APPROVED

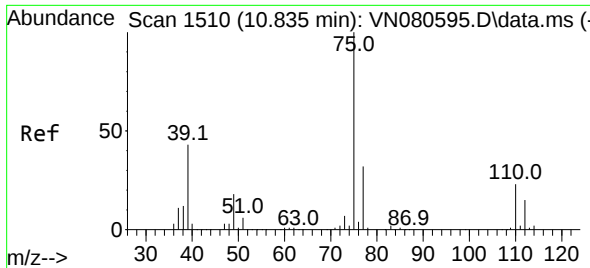
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#52
Toluene
Concen: 58.118 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

Tgt Ion: 92 Resp: 425173
Ion Ratio Lower Upper
92 100
91 169.9 137.4 206.0





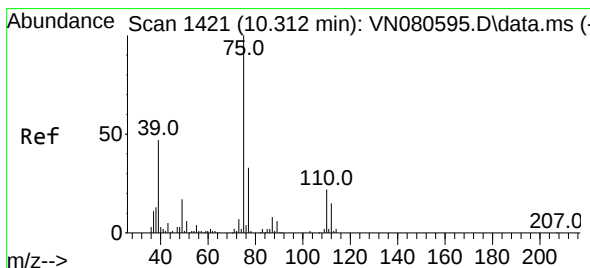
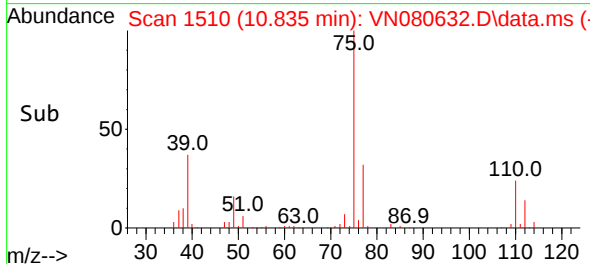
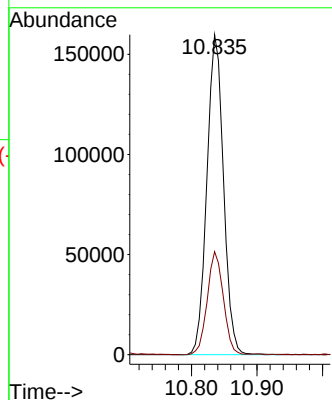
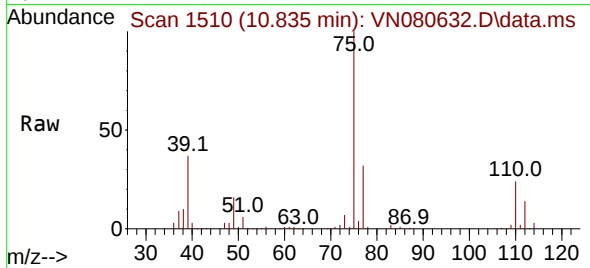
#53
t-1,3-Dichloropropene
Concen: 63.318 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 281510
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0

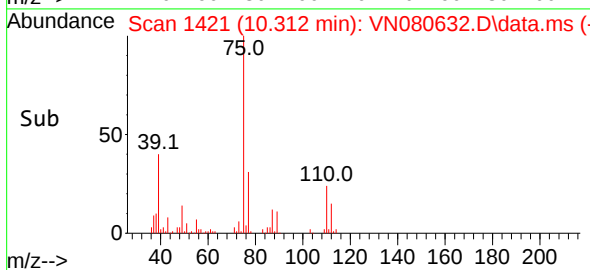
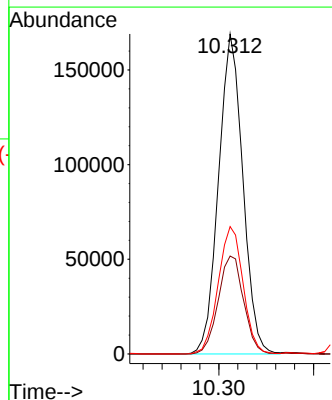
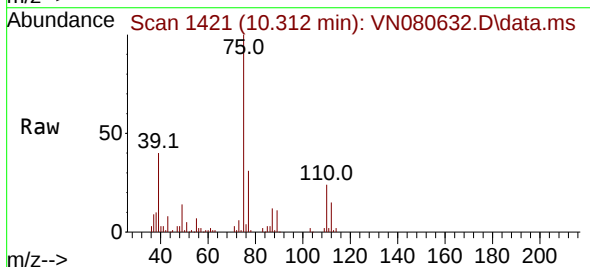
Manual Integrations
APPROVED

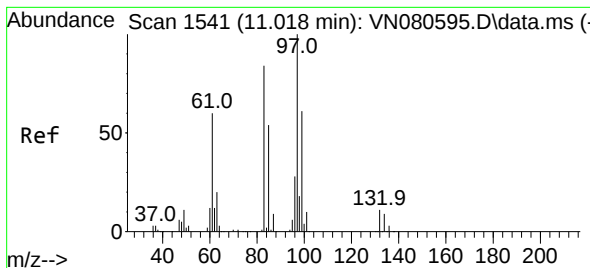
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#54
cis-1,3-Dichloropropene
Concen: 60.465 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

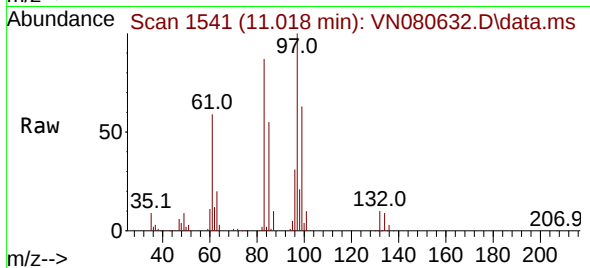
Tgt Ion: 75 Resp: 300867
Ion Ratio Lower Upper
75 100
77 30.6 26.1 39.1
39 39.8 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 59.683 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

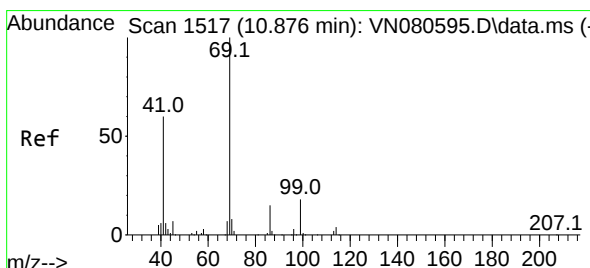
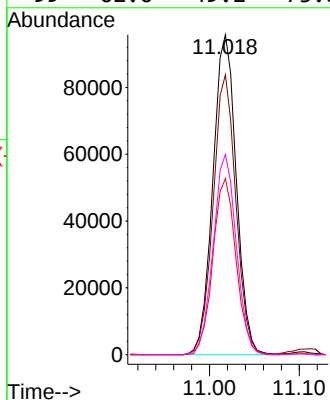
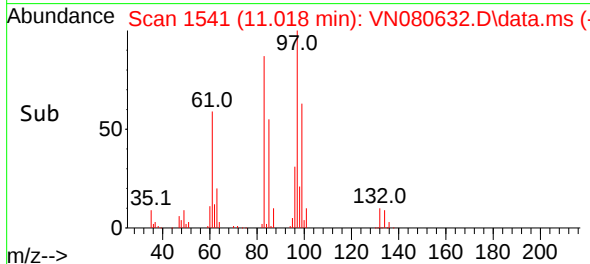
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



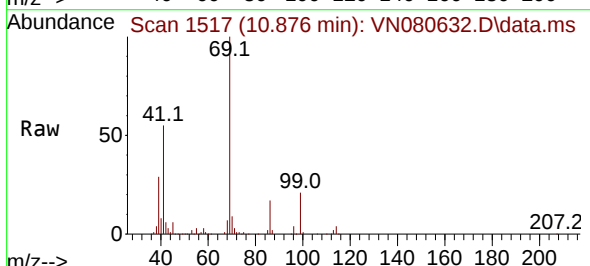
Tgt Ion:	97	Resp:	173194
Ion	Ratio	Lower	Upper
97	100		
83	87.5	65.1	97.7
85	55.0	43.4	65.2
99	62.6	49.2	73.8

Manual Integrations
APPROVED

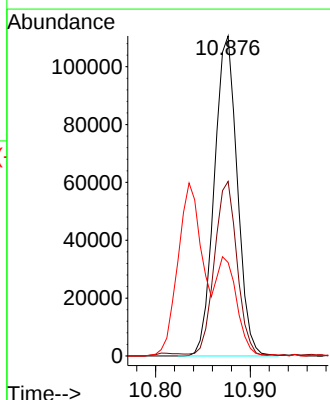
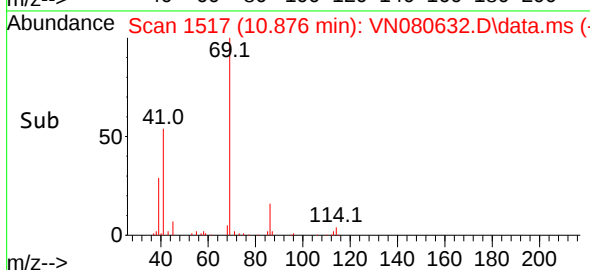
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024

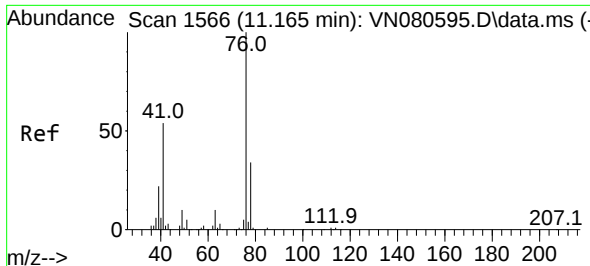


#56
Ethyl methacrylate
Concen: 65.496 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48



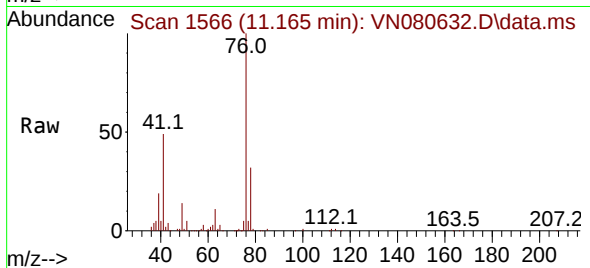
Tgt Ion:	69	Resp:	186170
Ion	Ratio	Lower	Upper
69	100		
41	53.5	39.6	59.4
39	27.2	28.6	43.0





#57
1,3-Dichloropropane
Concen: 61.817 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

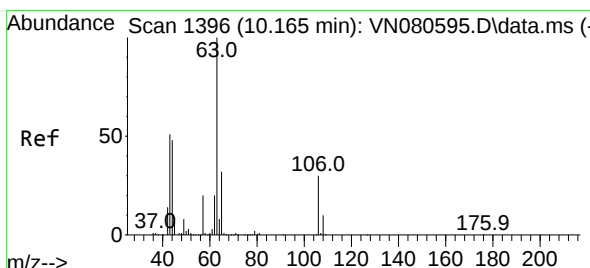
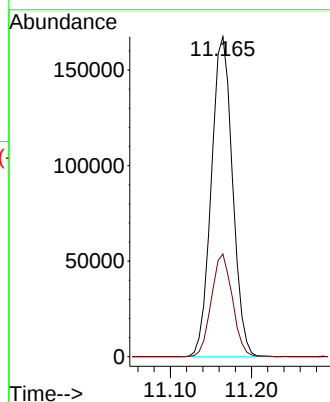
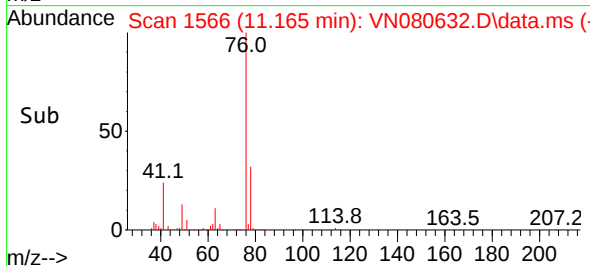
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 30394
Ion Ratio Lower Upper
76 100
78 31.9 26.1 39.1

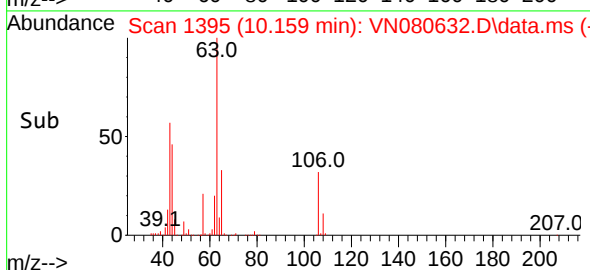
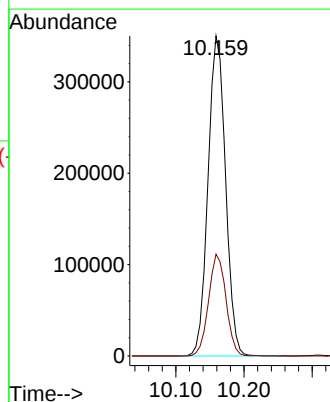
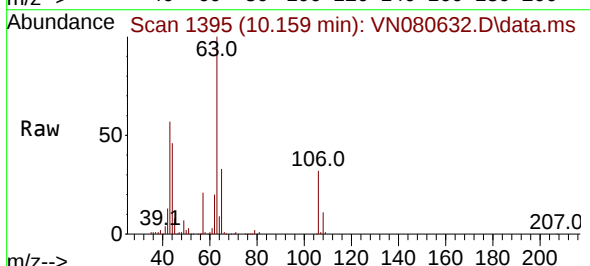
Manual Integrations
APPROVED

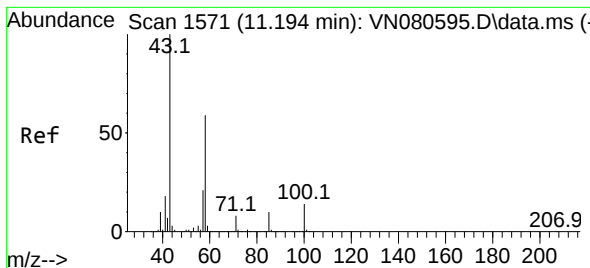
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#58
2-Chloroethyl Vinyl ether
Concen: 311.992 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

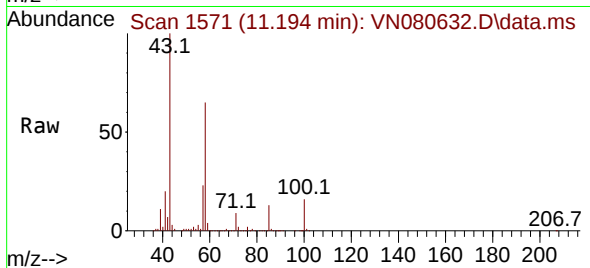
Tgt Ion: 63 Resp: 626255
Ion Ratio Lower Upper
63 100
106 31.6 26.2 39.4





#59
2-Hexanone
Concen: 254.208 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

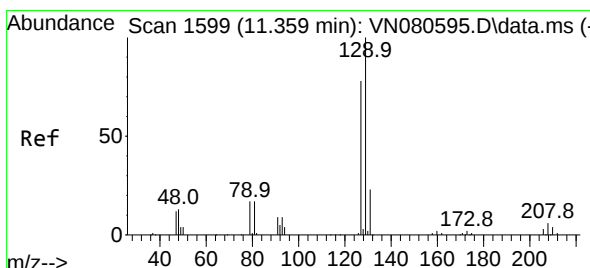
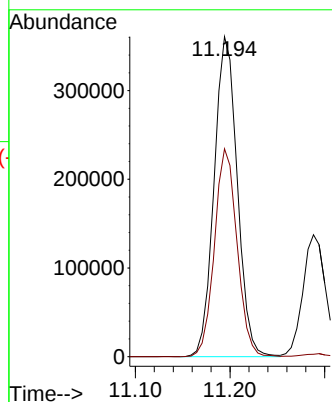
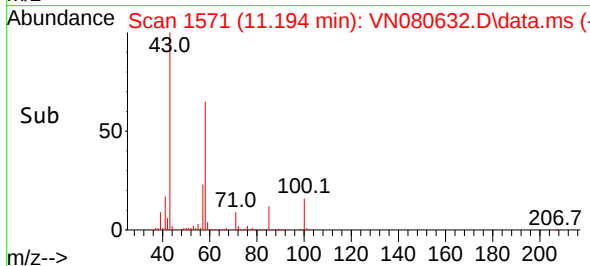
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 613220
Ion Ratio Lower Upper
43 100
58 63.3 31.7 95.1

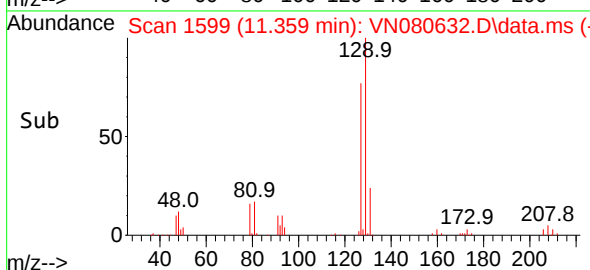
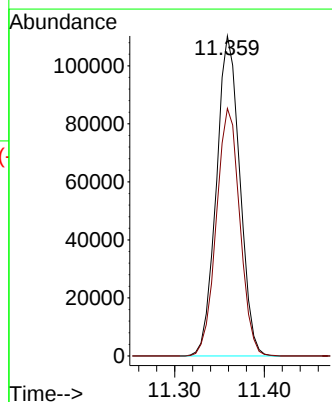
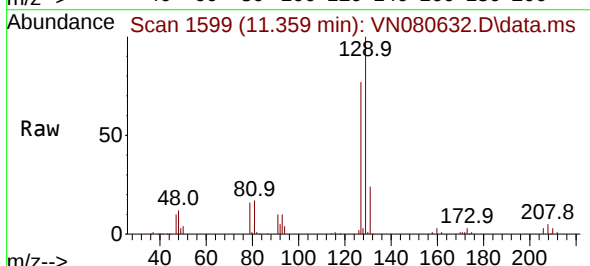
Manual Integrations
APPROVED

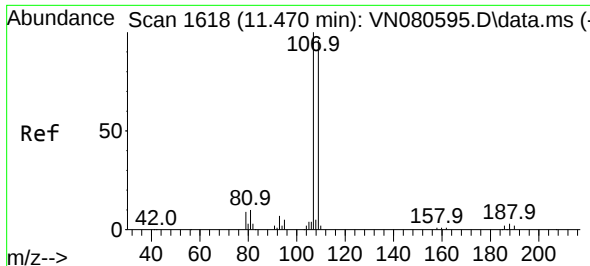
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#60
Dibromochloromethane
Concen: 62.008 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

Tgt Ion:129 Resp: 200372
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





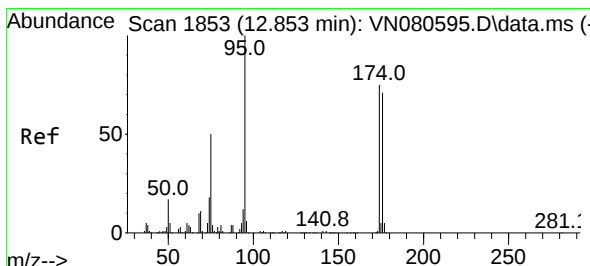
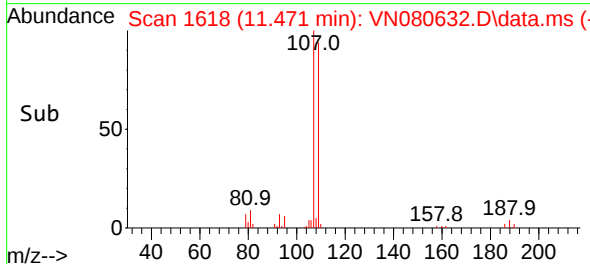
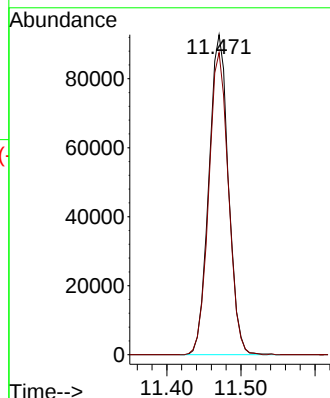
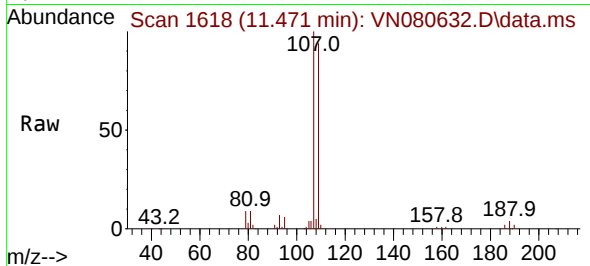
#61
1,2-Dibromoethane
Concen: 58.070 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 16990
Ion Ratio Lower Upper
107 100
109 95.0 76.6 114.8

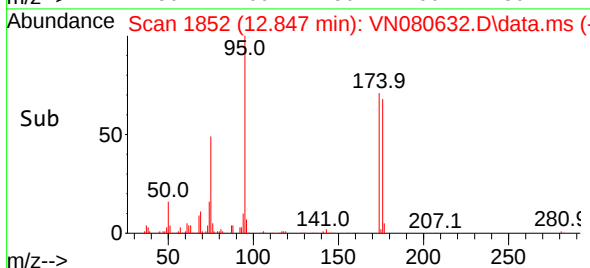
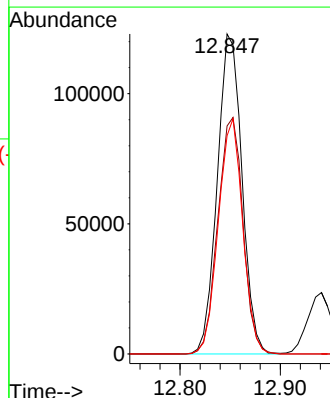
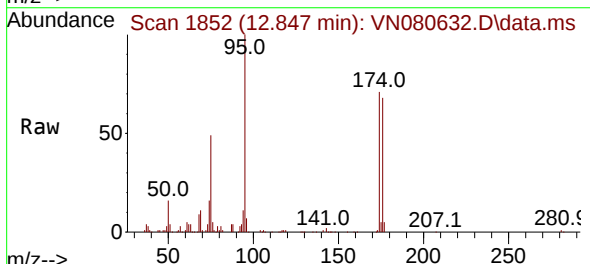
Manual Integrations
APPROVED

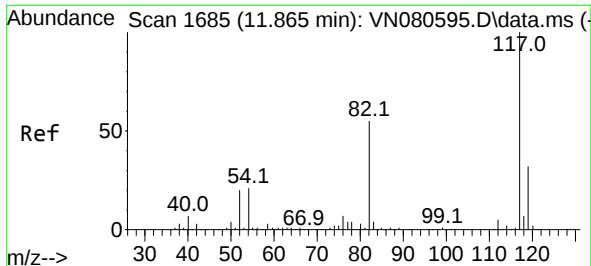
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#62
4-Bromofluorobenzene
Concen: 59.816 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

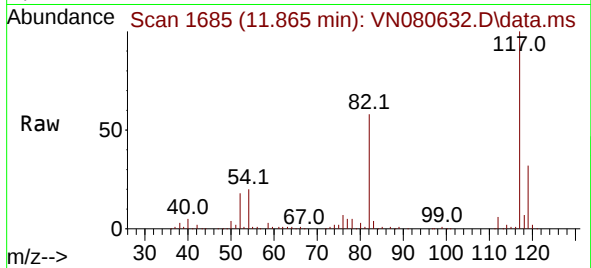
Tgt Ion: 95 Resp: 210134
Ion Ratio Lower Upper
95 100
174 75.2 0.0 143.8
176 72.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

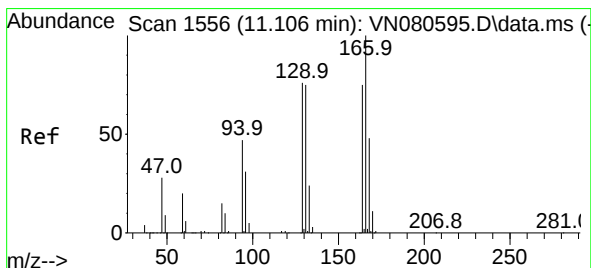
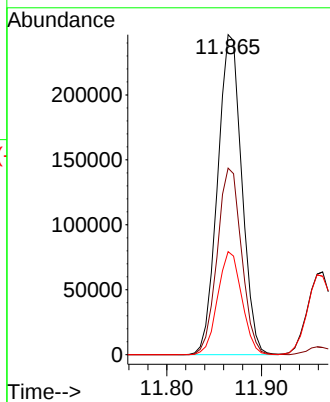
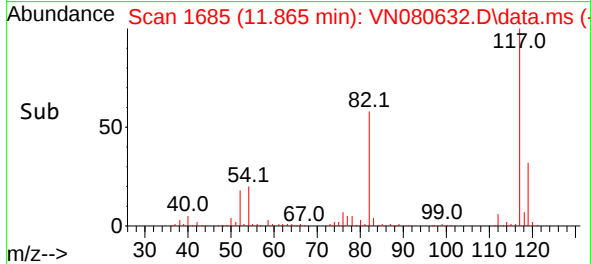
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



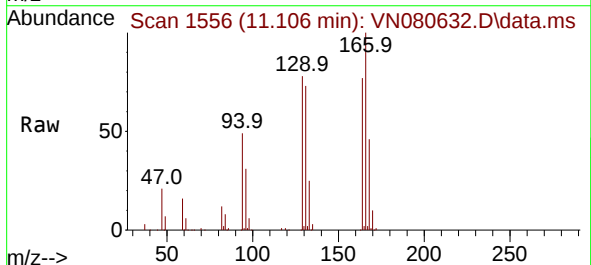
Tgt Ion:117 Resp: 43794
Ion Ratio Lower Upper
117 100
82 58.3 44.0 66.0
119 32.2 25.6 38.4

Manual Integrations
APPROVED

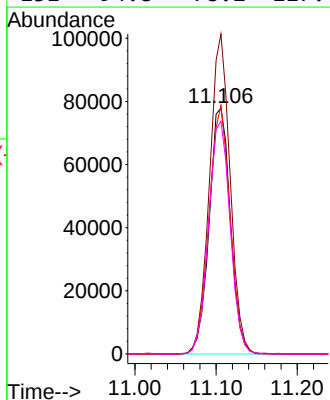
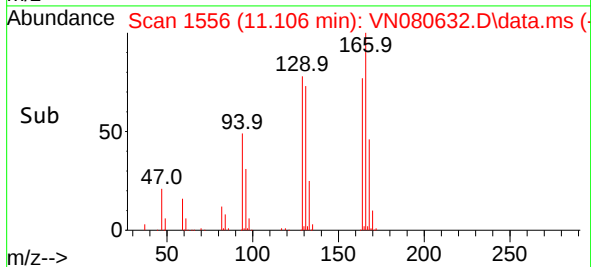
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024

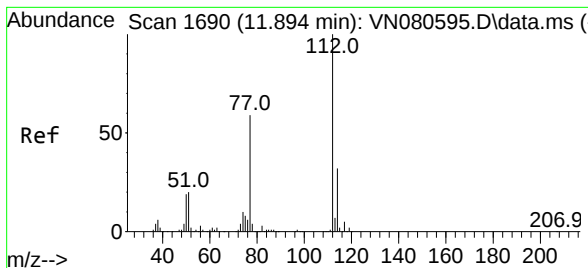


#64
Tetrachloroethene
Concen: 48.318 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48



Tgt Ion:164 Resp: 141398
Ion Ratio Lower Upper
164 100
166 130.2 101.4 152.0
129 101.1 82.4 123.6
131 94.8 78.2 117.4





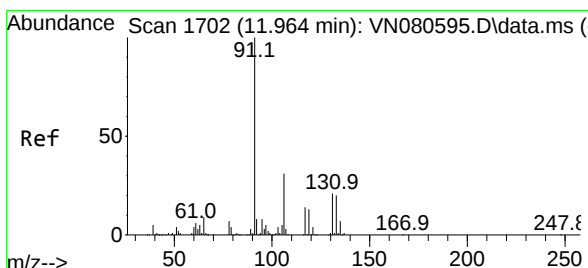
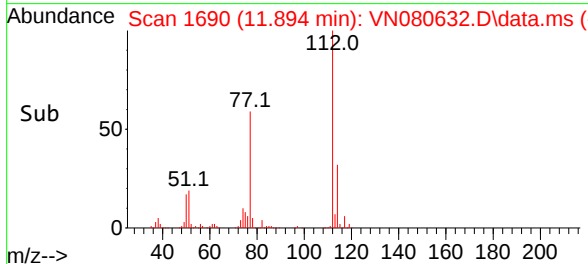
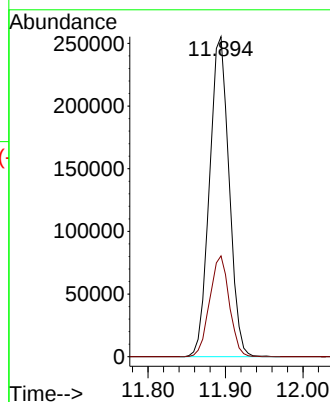
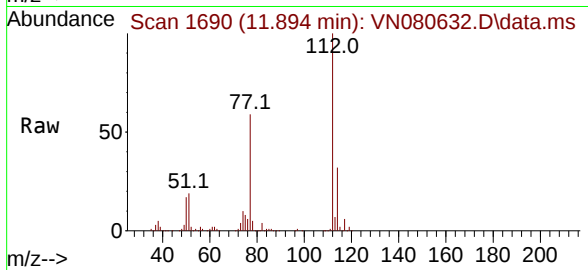
#65
Chlorobenzene
Concen: 49.207 ug/l
RT: 11.894 min Scan# 1189
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 44831
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.4

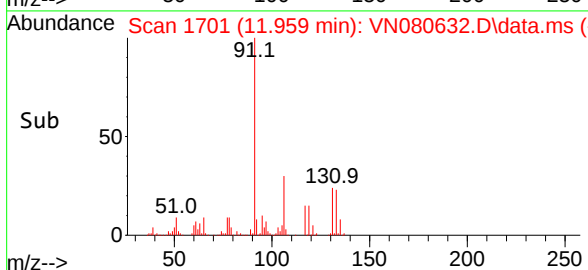
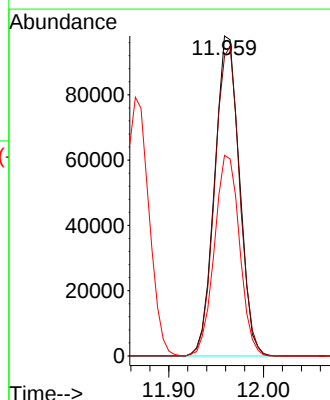
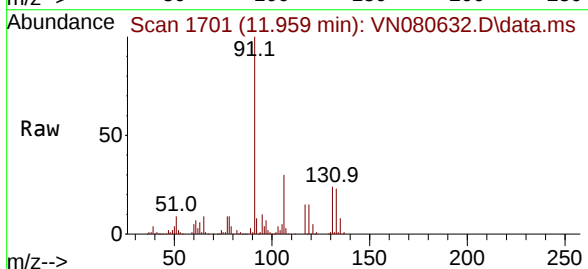
Manual Integrations
APPROVED

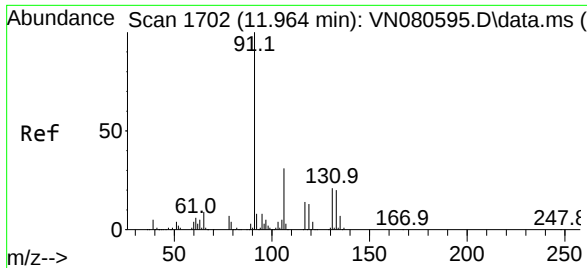
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 50.896 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

Tgt Ion:131 Resp: 178366
Ion Ratio Lower Upper
131 100
133 97.2 46.4 139.1
119 63.6 34.1 102.2





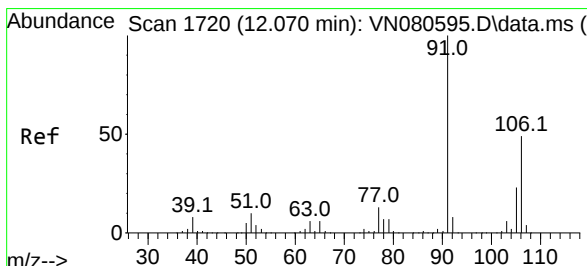
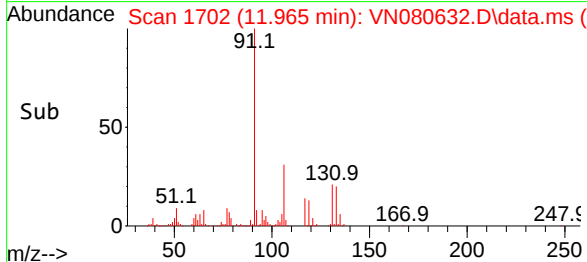
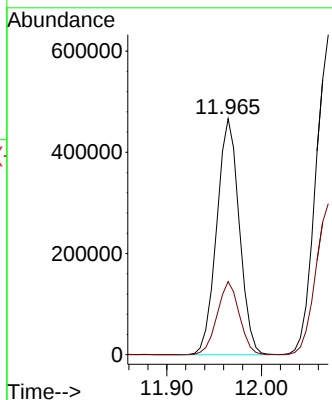
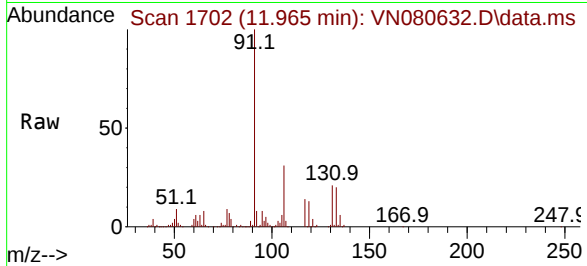
#67
Ethyl Benzene
Concen: 50.686 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 772014
Ion Ratio Lower Upper
91 100
106 31.0 25.6 38.4

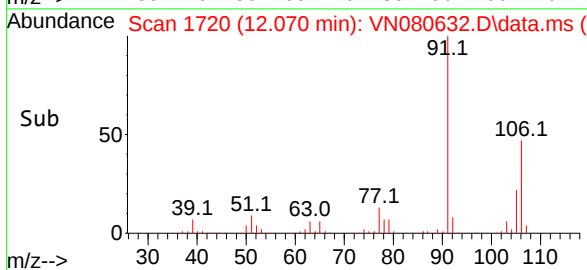
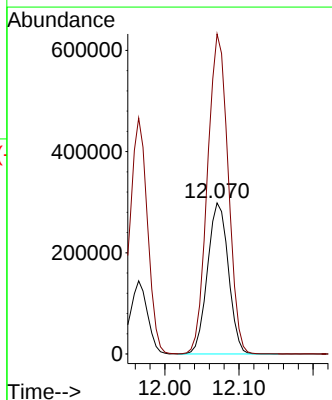
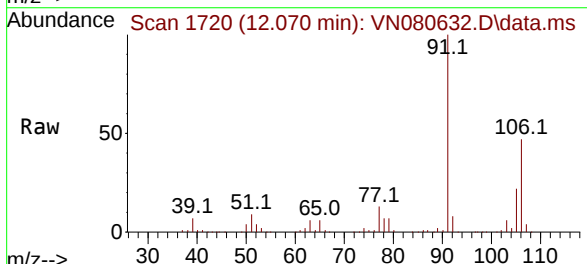
Manual Integrations
APPROVED

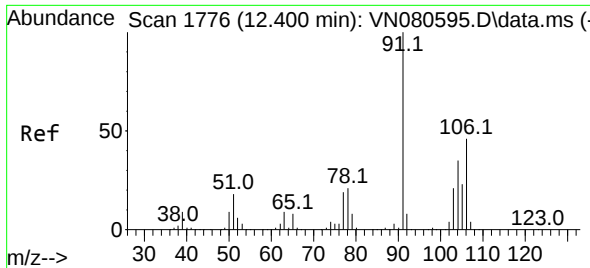
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#68
m/p-Xylenes
Concen: 103.417 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

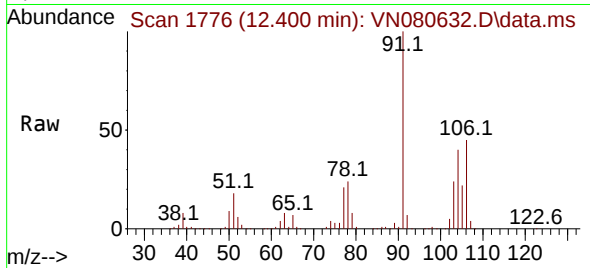
Tgt Ion:106 Resp: 584463
Ion Ratio Lower Upper
106 100
91 209.9 159.6 239.4





#69
o-Xylene
Concen: 51.195 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

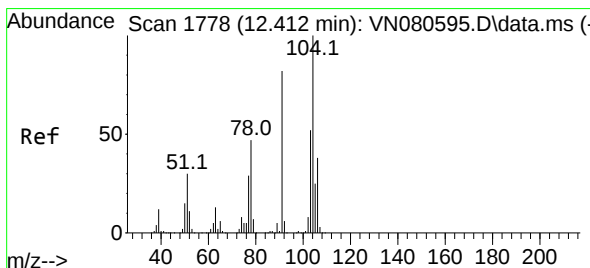
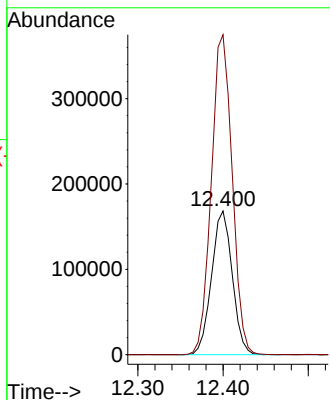
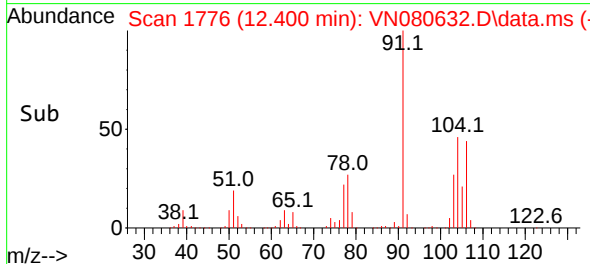
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 28416
Ion Ratio Lower Upper
106 100
91 224.5 105.2 315.5

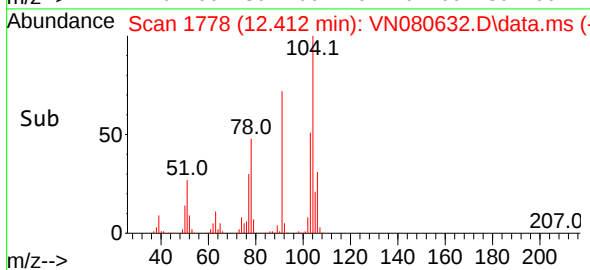
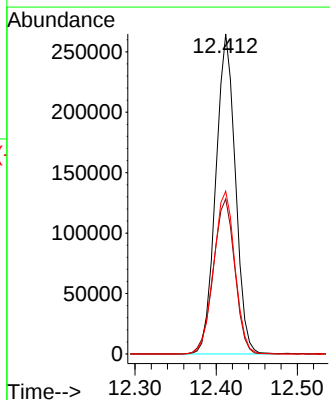
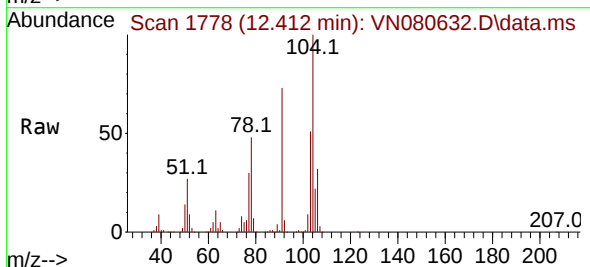
Manual Integrations
APPROVED

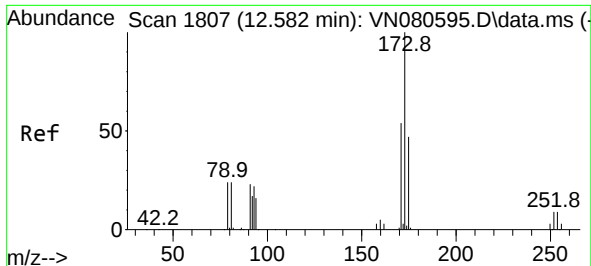
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#70
Styrene
Concen: 55.123 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

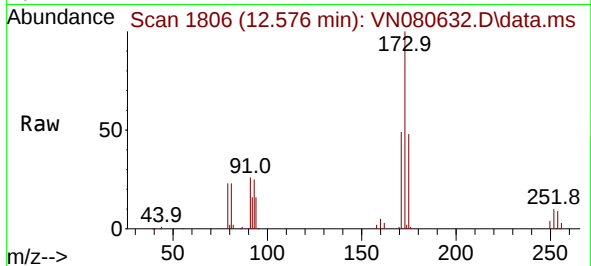
Tgt Ion:104 Resp: 444936
Ion Ratio Lower Upper
104 100
78 52.9 39.5 59.3
103 55.1 43.2 64.8





#71
Bromoform
Concen: 52.161 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

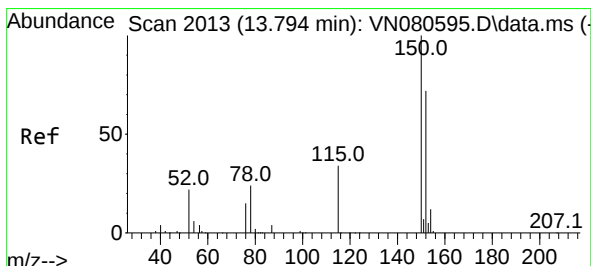
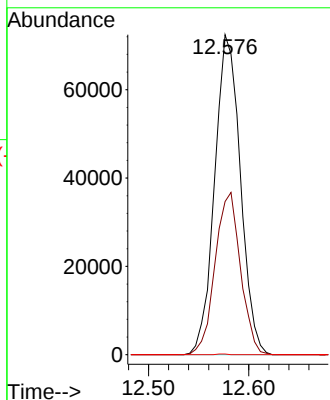
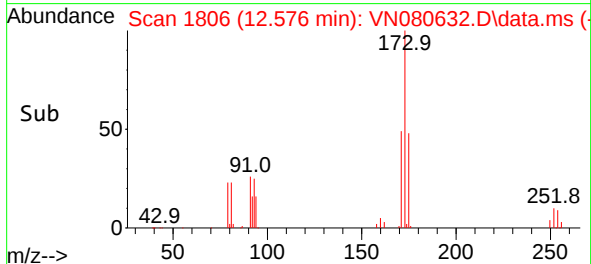
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



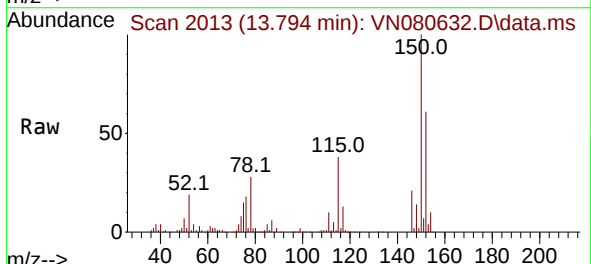
Tgt Ion:173 Resp: 12931
Ion Ratio Lower Upper
173 100
175 50.0 24.3 73.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

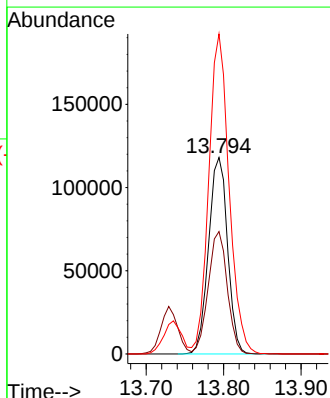
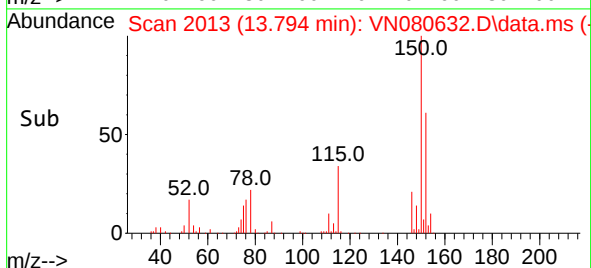
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024

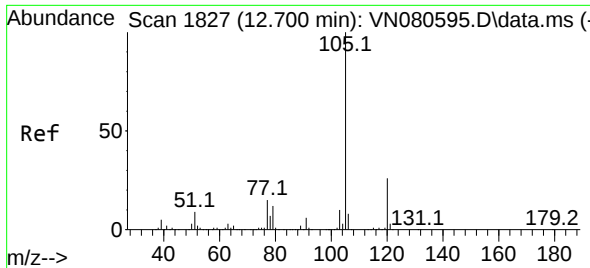


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48



Tgt Ion:152 Resp: 201006
Ion Ratio Lower Upper
152 100
115 62.6 32.3 96.8
150 173.6 0.0 355.8





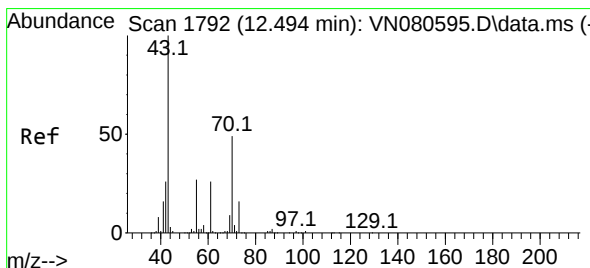
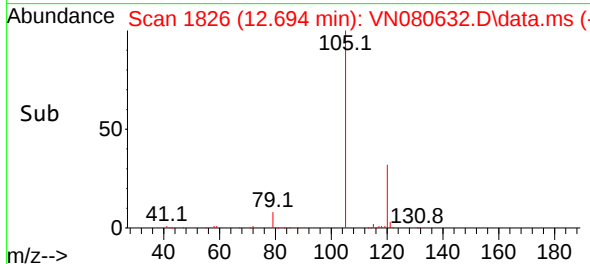
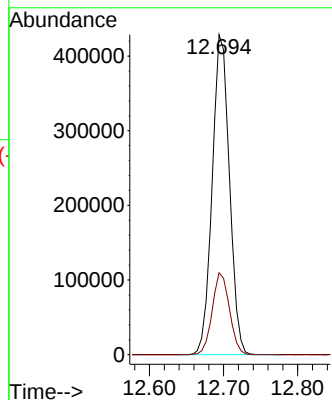
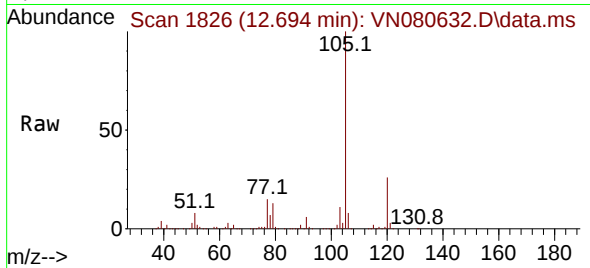
#73
Isopropylbenzene
Concen: 50.234 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 69109
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.1

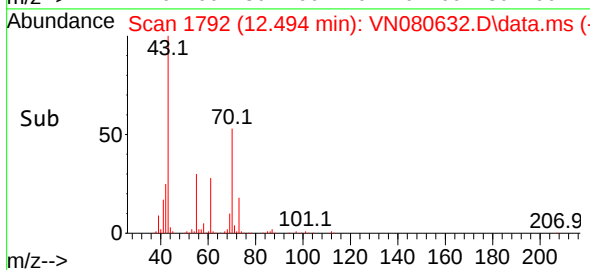
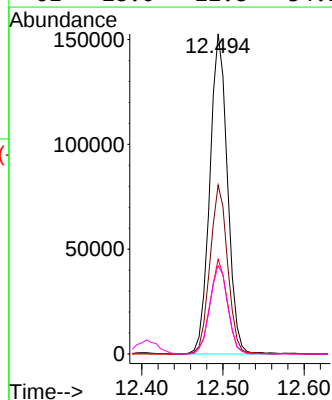
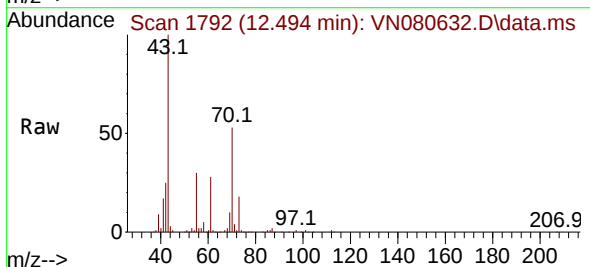
Manual Integrations
APPROVED

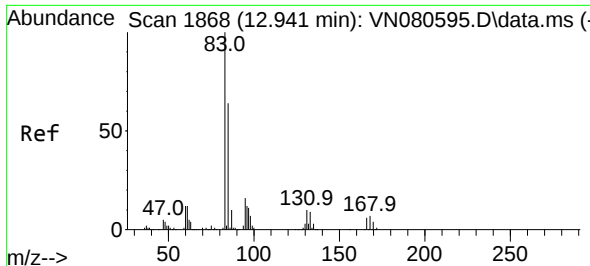
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#74
N-ethyl acetate
Concen: 47.553 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

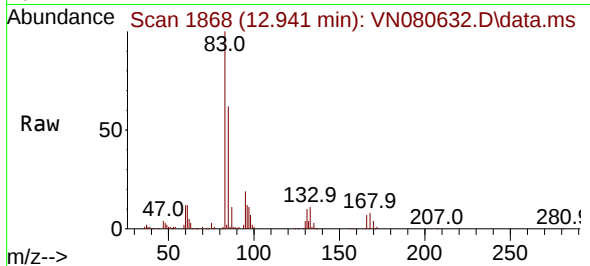
Tgt Ion: 43 Resp: 230799
Ion Ratio Lower Upper
43 100
70 52.4 43.4 65.2
55 29.1 21.4 32.0
61 28.0 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 46.026 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

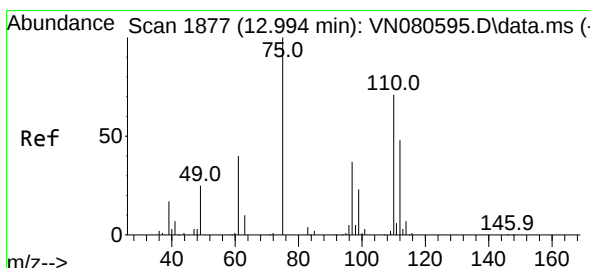
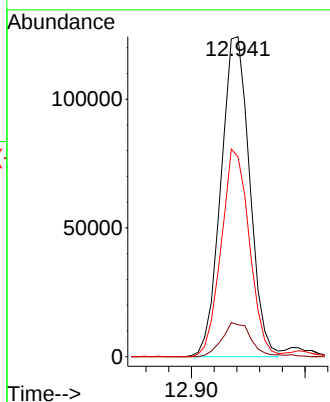
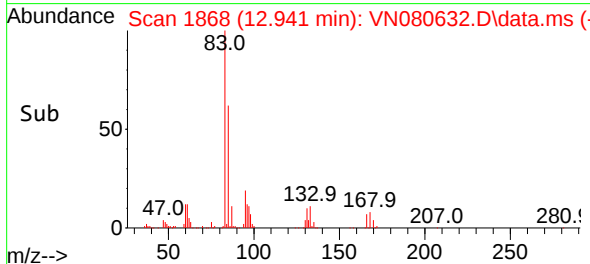
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 218519
Ion Ratio Lower Upper
83 100
131 11.0 5.0 15.0
85 63.6 31.9 95.7

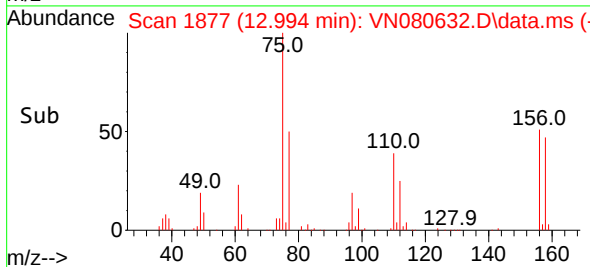
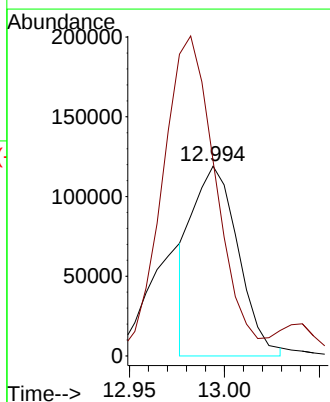
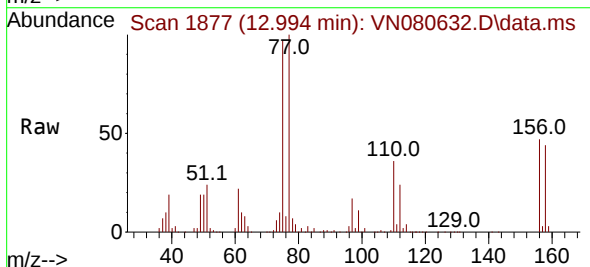
Manual Integrations
APPROVED

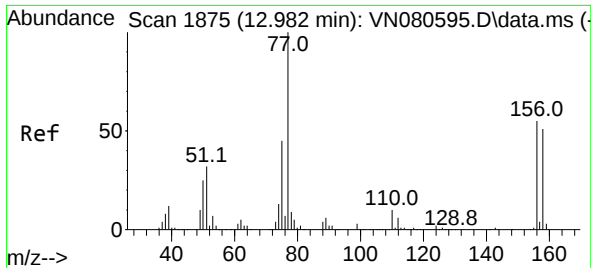
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#76
1,2,3-Trichloropropane
Concen: 46.277 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

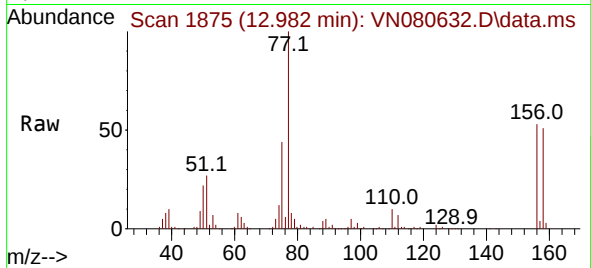
Tgt Ion: 75 Resp: 200072
Ion Ratio Lower Upper
75 100
77 197.1 84.5 253.5





#77
Bromobenzene
Concen: 50.640 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

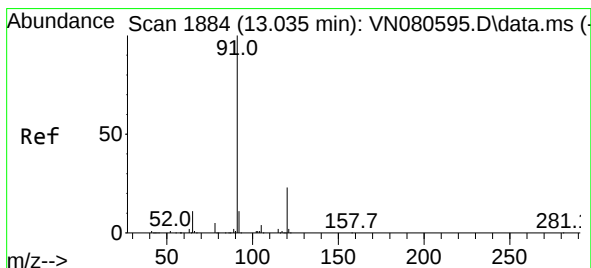
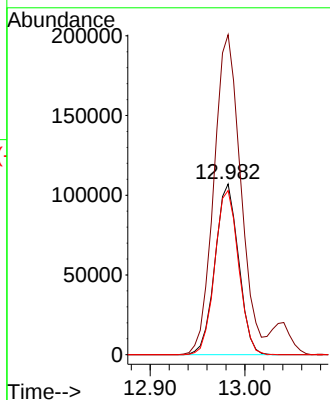
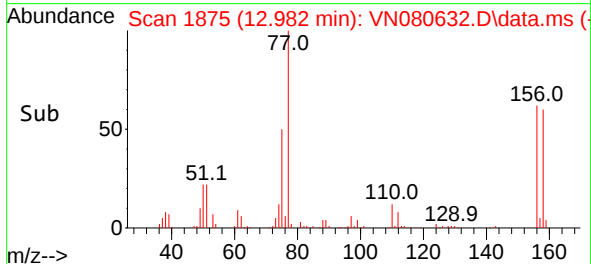
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



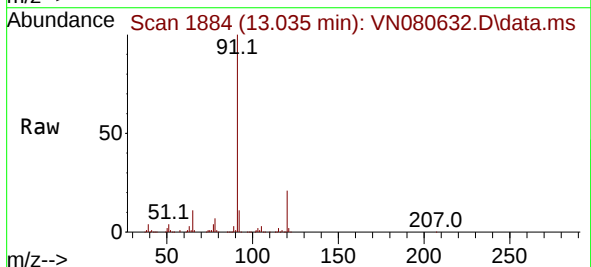
Tgt Ion:156 Resp: 18503
Ion Ratio Lower Upper
156 100
77 213.1 107.7 323.3
158 97.1 48.4 145.3

Manual Integrations
APPROVED

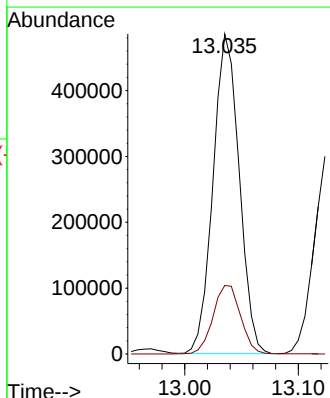
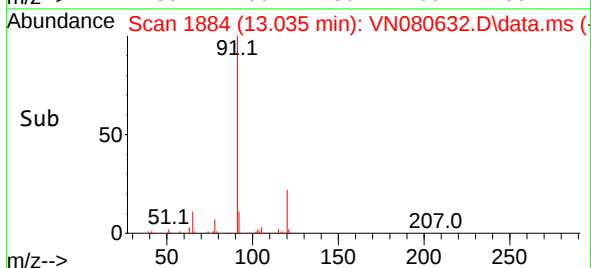
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024

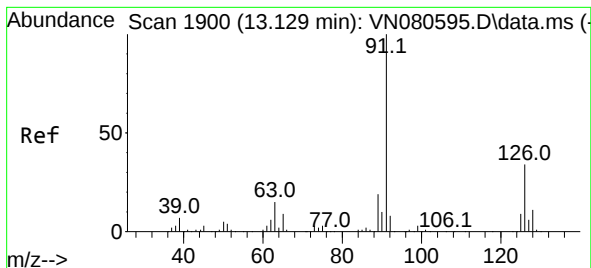


#78
n-propylbenzene
Concen: 49.330 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48



Tgt Ion: 91 Resp: 776090
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.4





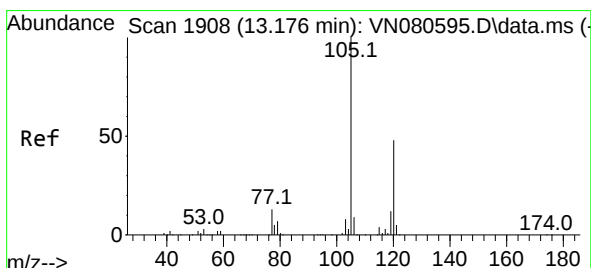
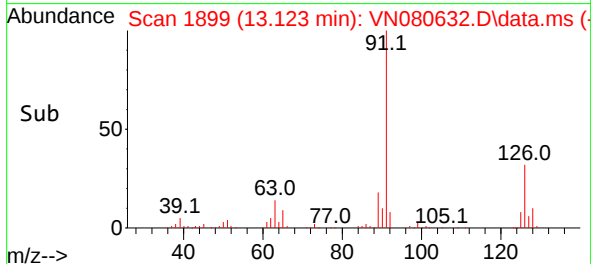
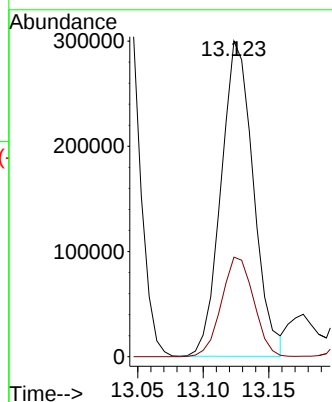
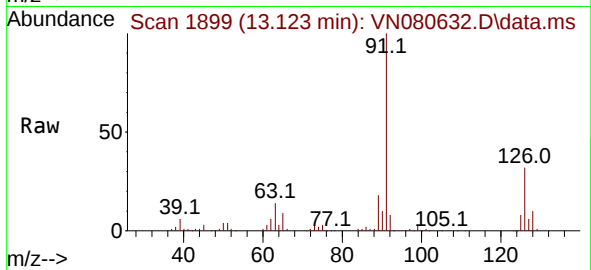
#79
2-Chlorotoluene
Concen: 50.135 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 514930
Ion Ratio Lower Upper
91 100
126 31.4 16.3 48.8

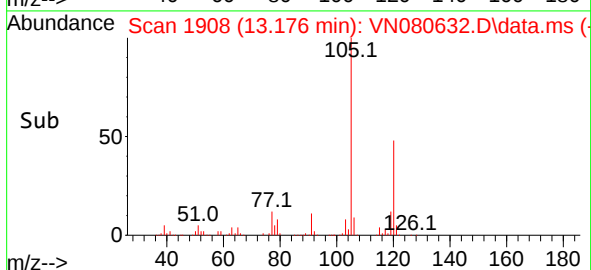
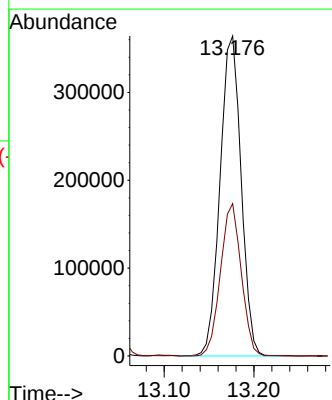
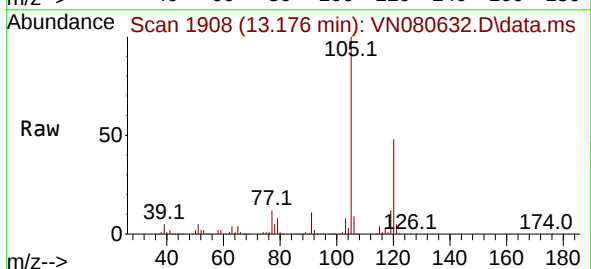
Manual Integrations
APPROVED

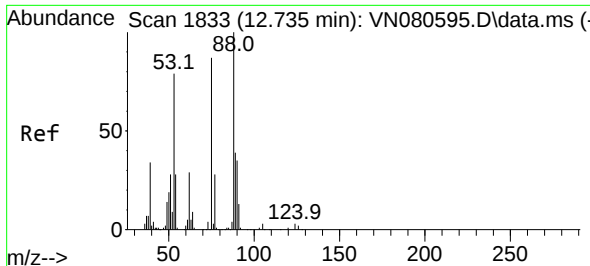
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#80
1,3,5-Trimethylbenzene
Concen: 51.161 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

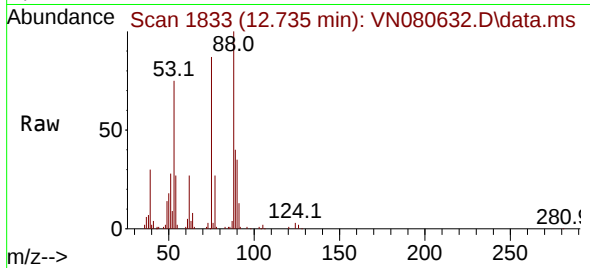
Tgt Ion:105 Resp: 594329
Ion Ratio Lower Upper
105 100
120 47.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 52.298 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

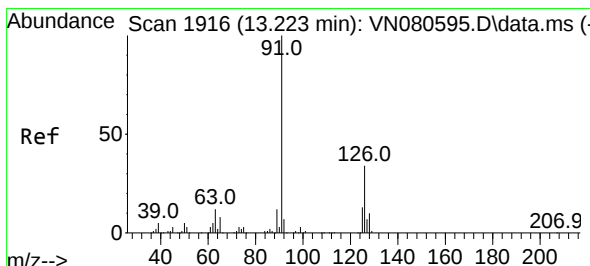
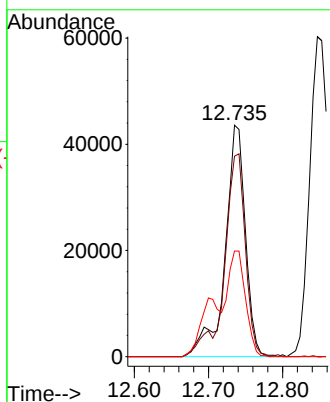
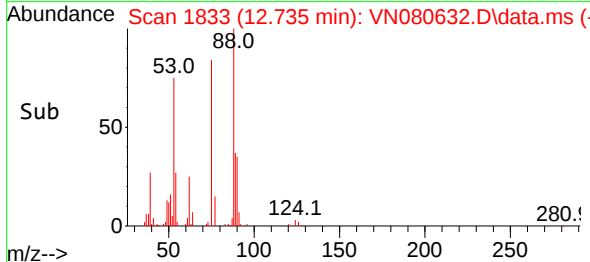
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



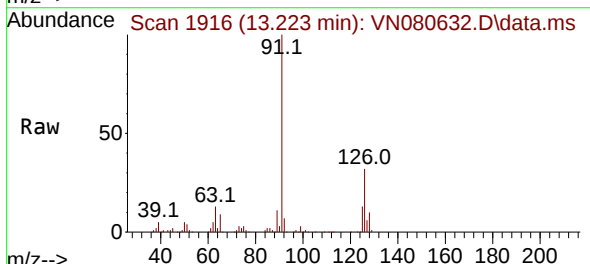
Tgt Ion: 75 Resp: 83470
Ion Ratio Lower Upper
75 100
53 89.0 67.4 101.2
89 39.9 38.8 58.2

Manual Integrations
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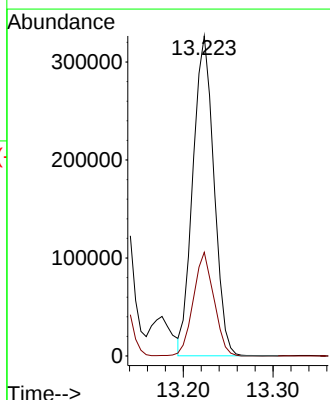
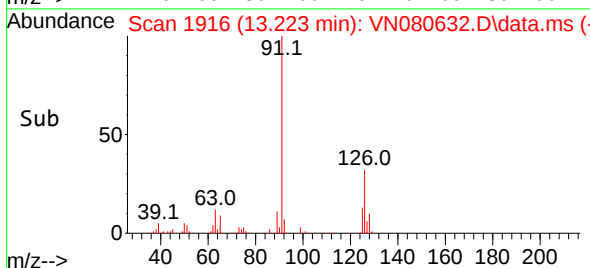
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024

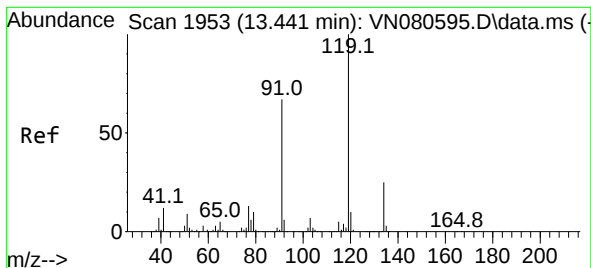


#82
4-Chlorotoluene
Concen: 50.478 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48



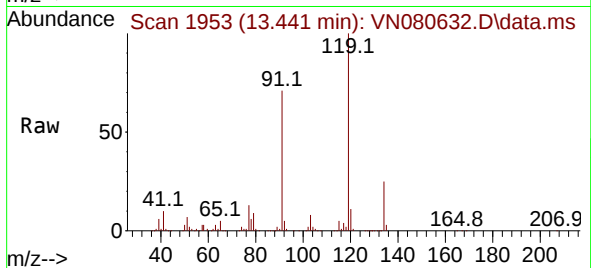
Tgt Ion: 91 Resp: 530199
Ion Ratio Lower Upper
91 100
126 31.8 16.7 50.0





#83
tert-Butylbenzene
Concen: 48.541 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

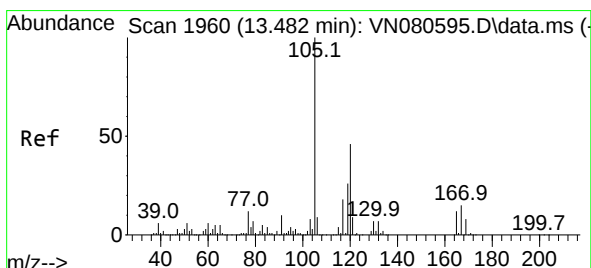
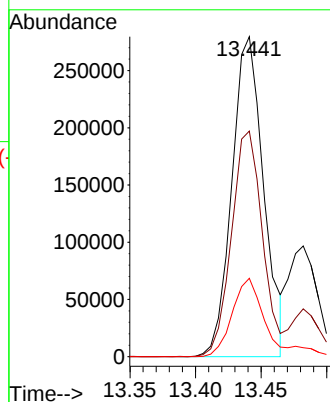
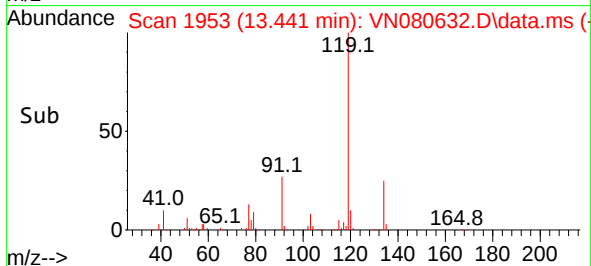
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



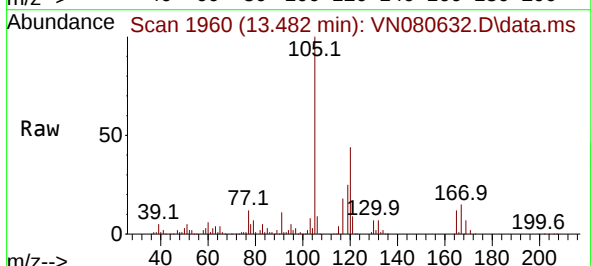
Tgt Ion:119 Resp: 471292
Ion Ratio Lower Upper
119 100
91 68.7 33.9 101.7
134 23.9 13.2 39.6

Manual Integrations
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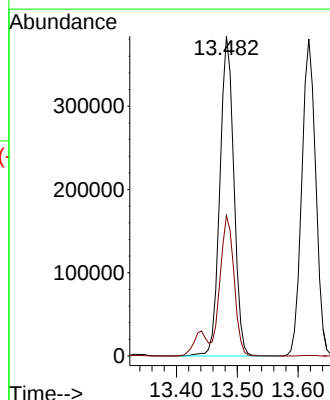
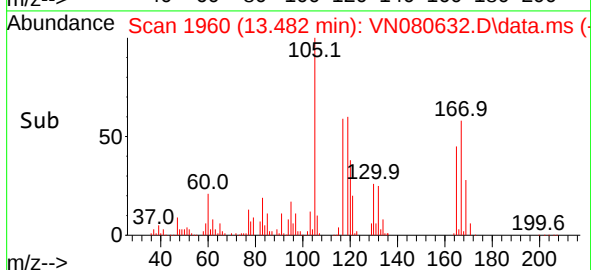
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024

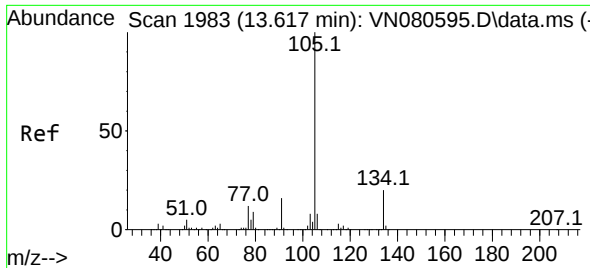


#84
1,2,4-Trimethylbenzene
Concen: 51.952 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48



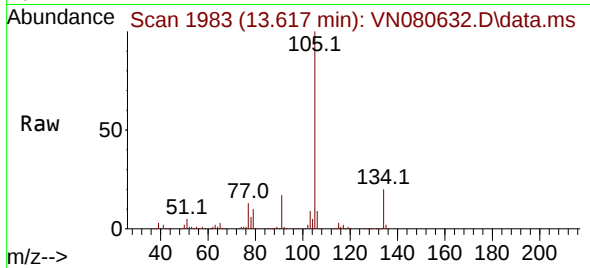
Tgt Ion:105 Resp: 611082
Ion Ratio Lower Upper
105 100
120 44.1 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 47.064 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080632.D
 Acq: 03 Jan 2024 11:48

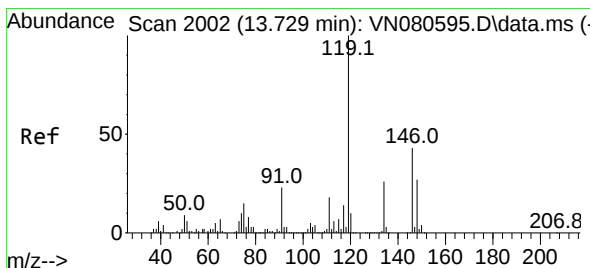
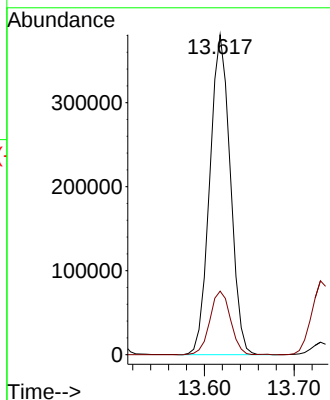
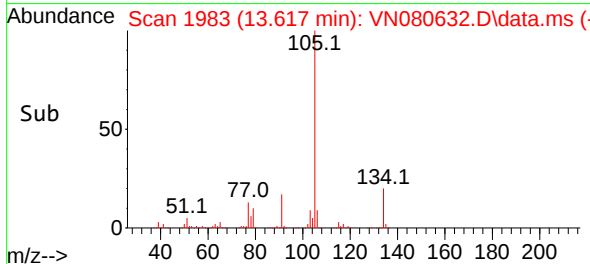
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



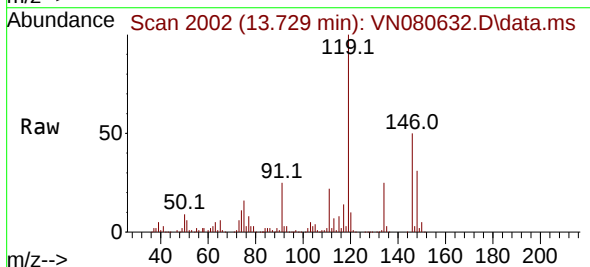
Tgt Ion:105 Resp: 604670
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

Manual Integrations
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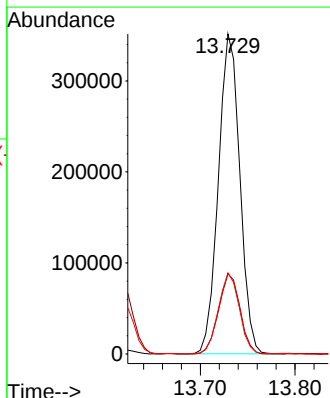
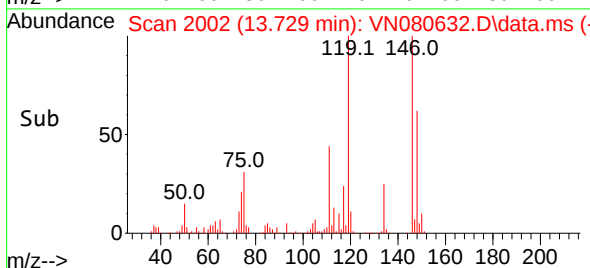
Reviewed By :John Carlone 01/04/2024
 Supervised By :Mahesh Dadoda 01/04/2024

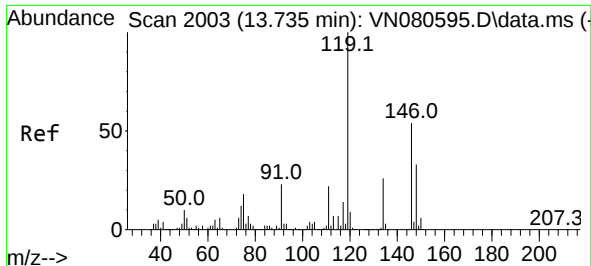


#86
 p-Isopropyltoluene
 Concen: 45.472 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080632.D
 Acq: 03 Jan 2024 11:48



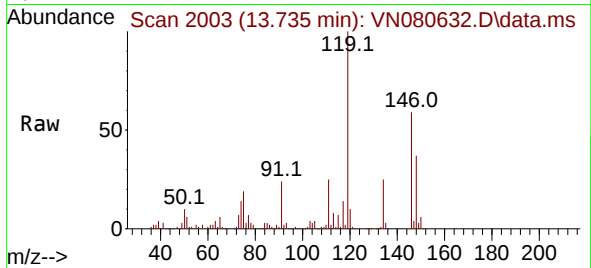
Tgt Ion:119 Resp: 552990
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.6 37.8
 91 24.8 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 47.997 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN080632.D
 Acq: 03 Jan 2024 11:48

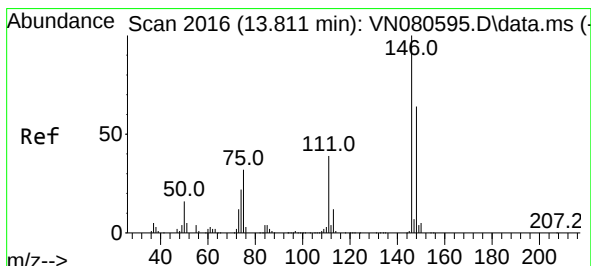
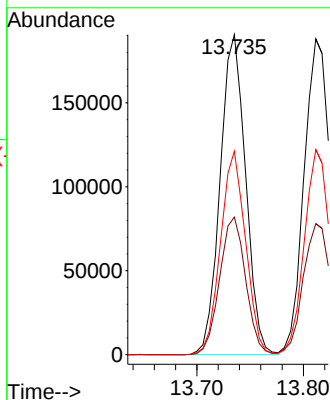
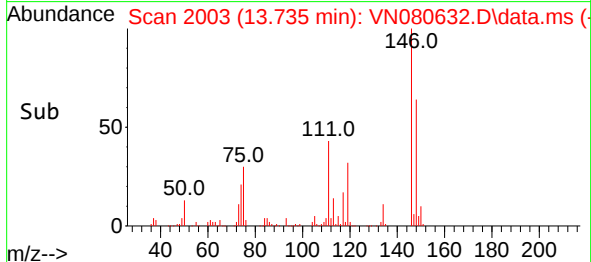
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



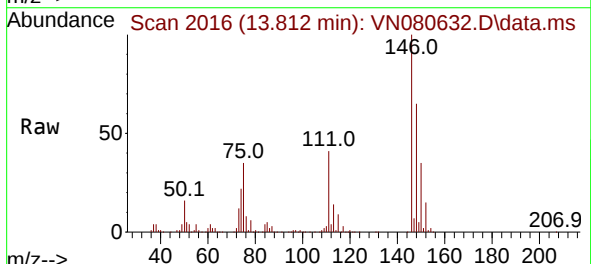
Tgt Ion:146 Resp: 316072
 Ion Ratio Lower Upper
 146 100
 111 43.9 22.1 66.3
 148 62.5 32.0 96.0

Manual Integrations
 APPROVED

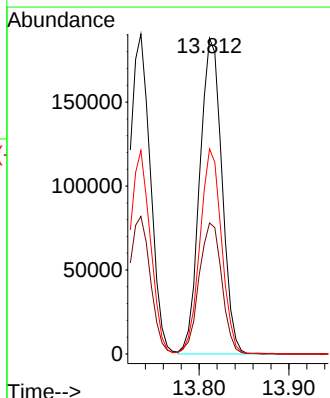
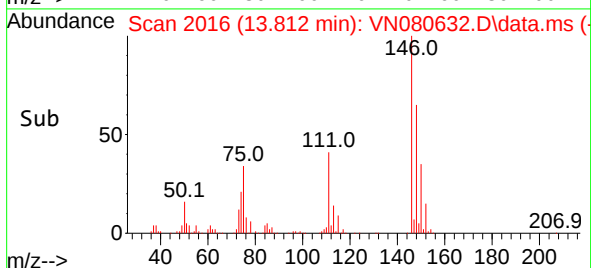
Reviewed By :John Carlone 01/04/2024
 Supervised By :Mahesh Dadoda 01/04/2024

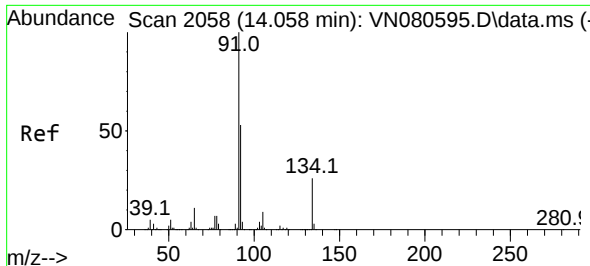


#88
 1,4-Dichlorobenzene
 Concen: 48.734 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN080632.D
 Acq: 03 Jan 2024 11:48



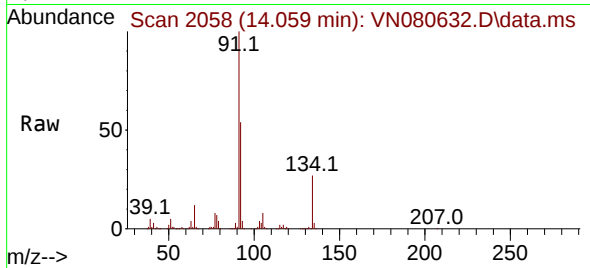
Tgt Ion:146 Resp: 322602
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.6 61.8
 148 63.4 31.6 94.8





#89
n-Butylbenzene
Concen: 47.359 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

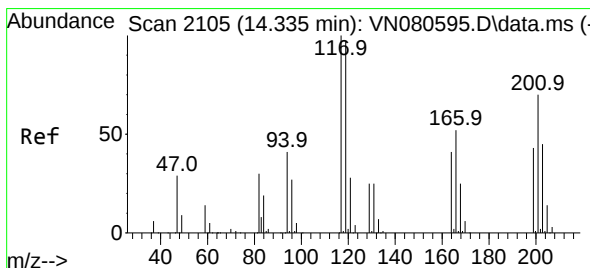
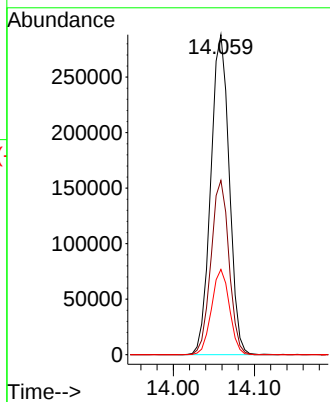
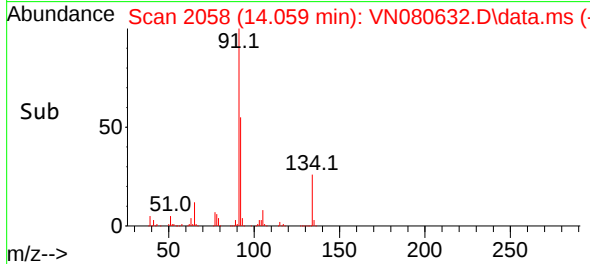
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 454740
Ion Ratio Lower Upper
91 100
92 53.2 26.4 79.0
134 25.9 12.6 37.6

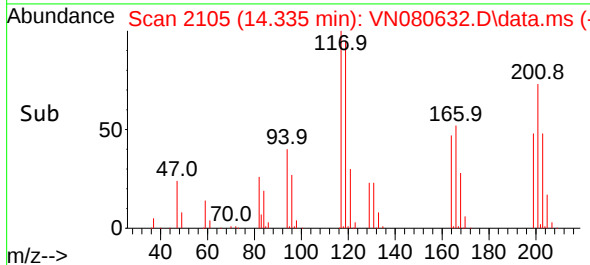
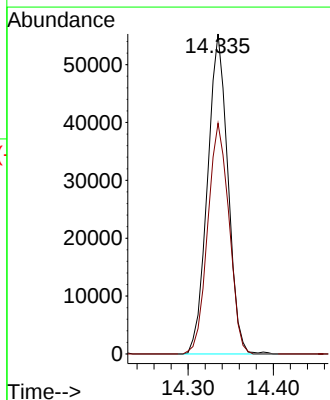
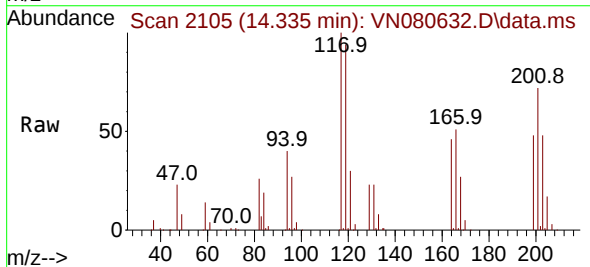
Manual Integrations
APPROVED

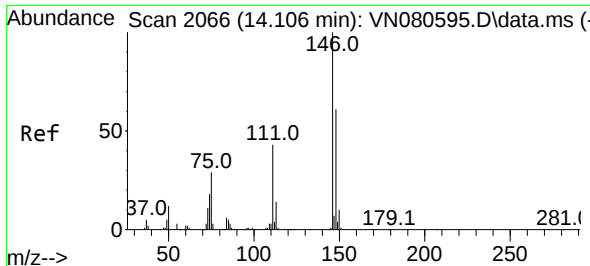
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#90
Hexachloroethane
Concen: 45.948 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

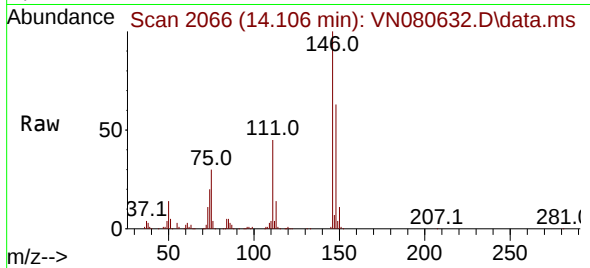
Tgt Ion:117 Resp: 92153
Ion Ratio Lower Upper
117 100
201 75.0 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 49.610 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

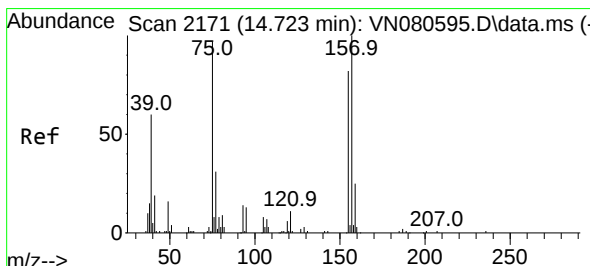
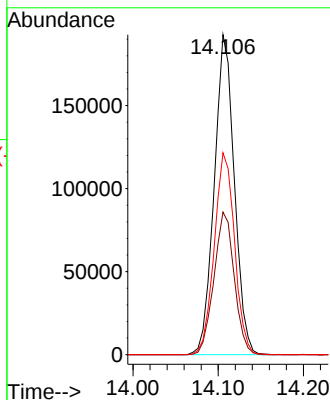
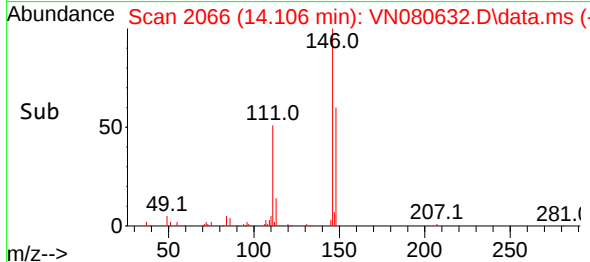
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 31532
Ion Ratio Lower Upper
146 100
111 45.1 22.0 66.0
148 63.8 31.8 95.3

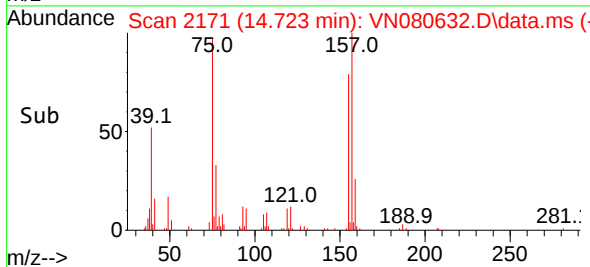
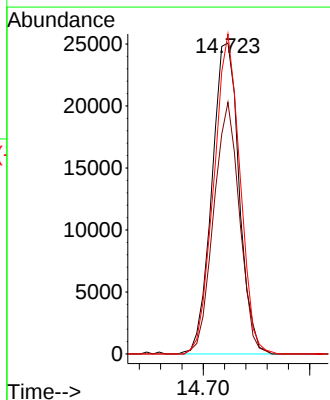
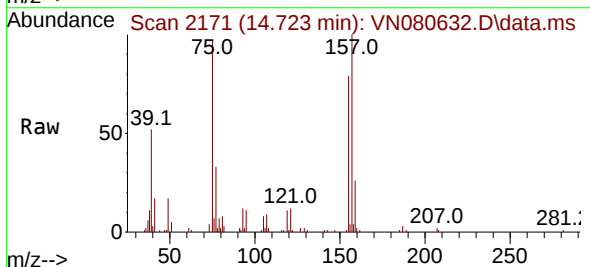
Manual Integrations
APPROVED

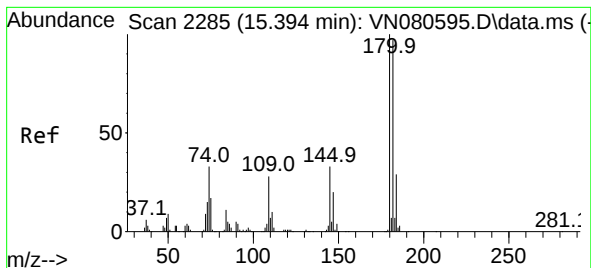
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.345 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080632.D
Acq: 03 Jan 2024 11:48

Tgt Ion: 75 Resp: 44433
Ion Ratio Lower Upper
75 100
155 77.0 39.1 117.2
157 98.9 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 50.522 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN080632.D

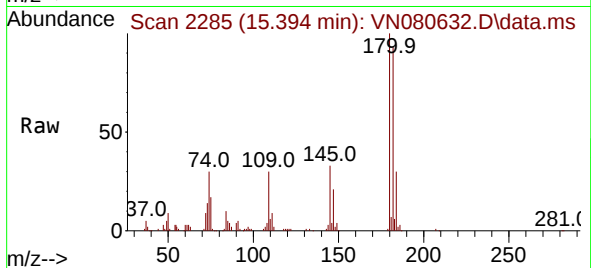
Acq: 03 Jan 2024 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:180 Resp: 16942

Ion Ratio Lower Upper

180 100

182 94.6 46.1 138.2

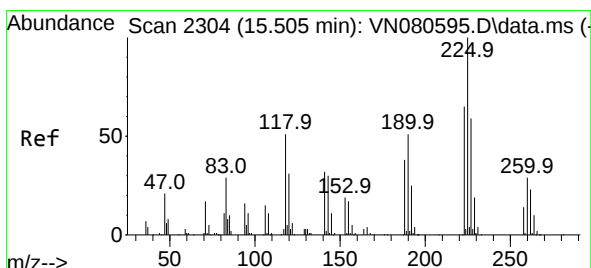
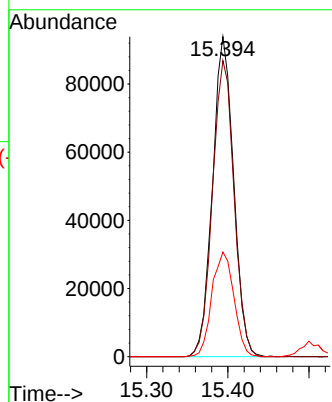
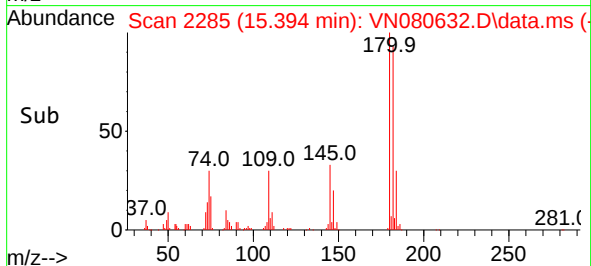
145 34.2 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#94

Hexachlorobutadiene

Concen: 45.722 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN080632.D

Acq: 03 Jan 2024 11:48

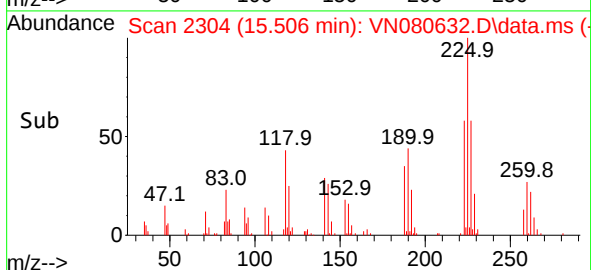
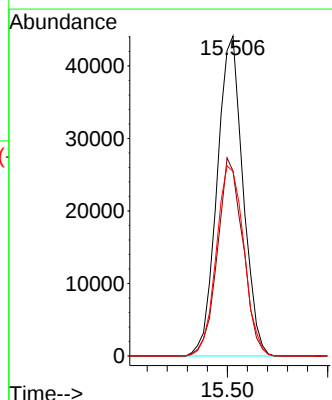
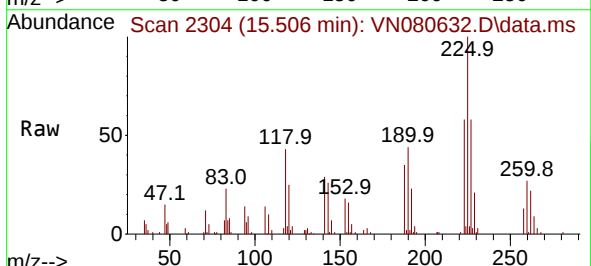
Tgt Ion:225 Resp: 79126

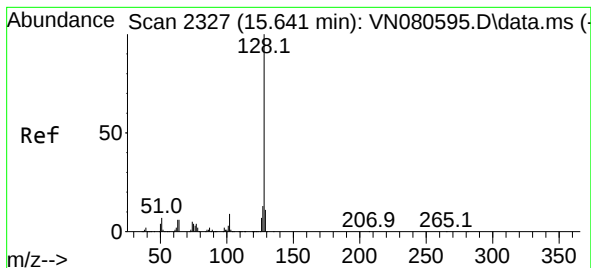
Ion Ratio Lower Upper

225 100

223 60.9 31.3 93.8

227 63.2 31.9 95.9





#95

Naphthalene

Concen: 51.076 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN080632.D

Acq: 03 Jan 2024 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 533075

Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

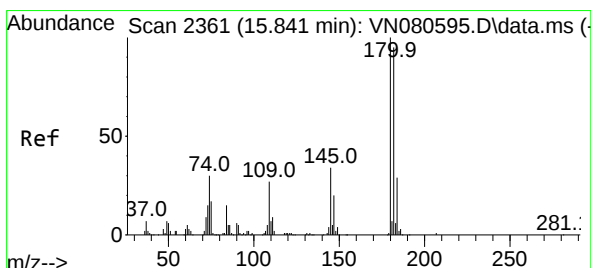
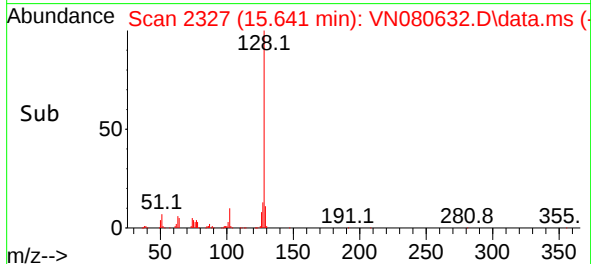
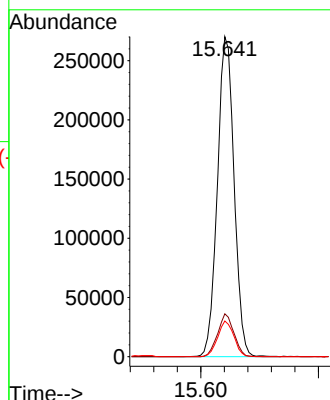
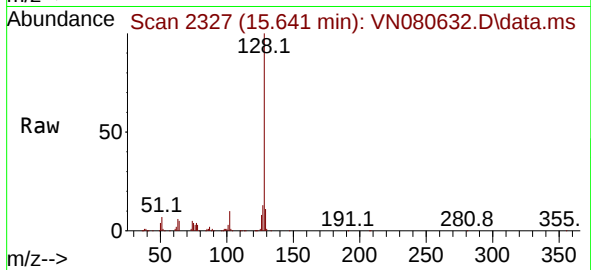
129 10.8 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#96

1,2,3-Trichlorobenzene

Concen: 48.177 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN080632.D

Acq: 03 Jan 2024 11:48

Tgt Ion:180 Resp: 163327

Ion Ratio Lower Upper

180 100

182 95.8 46.2 138.6

145 35.5 17.5 52.6

