

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061924\
 Data File : VN082629.D
 Acq On : 19 Jun 2024 09:58
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/20/2024
 Supervised By :Mahesh Dadoda 06/20/2024

Quant Time: Jun 20 02:55:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	199387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	320547	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	300982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	154959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	155535	48.644	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.280%		
35) Dibromofluoromethane	8.165	113	109859	50.520	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.040%		
50) Toluene-d8	10.571	98	423245	51.468	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.940%		
62) 4-Bromofluorobenzene	12.853	95	148436	52.356	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	104.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	124473	44.699	ug/l	98
3) Chloromethane	2.360	50	140384	42.054	ug/l	97
4) Vinyl Chloride	2.512	62	134658	42.387	ug/l	96
5) Bromomethane	2.948	94	81156	39.685	ug/l	98
6) Chloroethane	3.112	64	95468	42.143	ug/l	95
7) Trichlorofluoromethane	3.489	101	182168	43.953	ug/l	99
8) Diethyl Ether	3.959	74	61639	43.669	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	106480	45.867	ug/l	98
10) Methyl Iodide	4.583	142	109787	49.646	ug/l	97
11) Tert butyl alcohol	5.524	59	107541	205.502	ug/l	100
12) 1,1-Dichloroethene	4.336	96	95950	43.221	ug/l	92
13) Acrolein	4.177	56	93015	174.485	ug/l	95
14) Allyl chloride	5.024	41	180370	41.543	ug/l	100
15) Acrylonitrile	5.718	53	306105	221.600	ug/l	99
16) Acetone	4.430	43	287351	197.606	ug/l	99
17) Carbon Disulfide	4.712	76	291090	41.288	ug/l	99
18) Methyl Acetate	5.024	43	153343	43.115	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	352846	46.432	ug/l	98
20) Methylene Chloride	5.277	84	114046	44.609	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	104305	44.209	ug/l	99
22) Diisopropyl ether	6.671	45	429280	47.146	ug/l	96
23) Vinyl Acetate	6.606	43	1708952	236.679	ug/l	100
24) 1,1-Dichloroethane	6.571	63	224551	45.525	ug/l	99
25) 2-Butanone	7.489	43	452735	219.040	ug/l	98
26) 2,2-Dichloropropane	7.489	77	193376	45.193	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	126617	44.539	ug/l	100
28) Bromochloromethane	7.818	49	106696	47.399	ug/l	99
29) Tetrahydrofuran	7.842	42	301229	238.067	ug/l	99
30) Chloroform	7.965	83	225482	46.863	ug/l	99
31) Cyclohexane	8.259	56	199943	43.329	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	194704	44.625	ug/l	98
36) 1,1-Dichloropropene	8.371	75	157543	48.464	ug/l	99
37) Ethyl Acetate	7.565	43	181676	43.875	ug/l	100
38) Carbon Tetrachloride	8.365	117	175430	47.887	ug/l	99
39) Methylcyclohexane	9.606	83	166172	48.574	ug/l	98
40) Benzene	8.606	78	481898	47.977	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	99793	47.147	ug/l	99
42) 1,2-Dichloroethane	8.671	62	184610	48.319	ug/l	99
43) Isopropyl Acetate	8.694	43	319470	41.283	ug/l	99
44) Trichloroethene	9.353	130	109284	46.855	ug/l	97
45) 1,2-Dichloropropane	9.624	63	125426	48.513	ug/l	98
46) Dibromomethane	9.712	93	85172	48.598	ug/l	98
47) Bromodichloromethane	9.888	83	181913	48.686	ug/l	96
48) Methyl methacrylate	9.683	41	152505	47.805	ug/l	98
49) 1,4-Dioxane	9.694	88	47345	948.806	ug/l #	90
51) 4-Methyl-2-Pentanone	10.447	43	981472	247.273	ug/l	100
52) Toluene	10.635	92	305774	50.232	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	189099	49.506	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	197167	49.916	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	112766	51.182	ug/l	96
56) Ethyl methacrylate	10.877	69	188378	51.624	ug/l	99
57) 1,3-Dichloropropane	11.165	76	201901	49.571	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	504238	261.216	ug/l	99
59) 2-Hexanone	11.194	43	737135	244.346	ug/l	100
60) Dibromochloromethane	11.359	129	135872	50.520	ug/l	99
61) 1,2-Dibromoethane	11.471	107	113359	48.800	ug/l	97
64) Tetrachloroethene	11.106	164	110697	44.606	ug/l	98
65) Chlorobenzene	11.894	112	323111	46.814	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	117445	47.720	ug/l	99
67) Ethyl Benzene	11.965	91	578801	49.216	ug/l	98
68) m/p-Xylenes	12.077	106	451432	103.179	ug/l	98
69) o-Xylene	12.400	106	210537	51.218	ug/l	98
70) Styrene	12.412	104	370703	53.135	ug/l	99
71) Bromoform	12.582	173	94945	48.795	ug/l #	99
73) Isopropylbenzene	12.700	105	542218	46.080	ug/l	100
74) N-amyl acetate	12.494	43	285252	45.423	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	161691	42.126	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	156812m	41.375	ug/l	
77) Bromobenzene	12.982	156	134188	44.304	ug/l	98
78) n-propylbenzene	13.035	91	663851	47.695	ug/l	99
79) 2-Chlorotoluene	13.129	91	396952	45.477	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	463661	48.555	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	74504	47.030	ug/l	97
82) 4-Chlorotoluene	13.224	91	405304	46.482	ug/l	100
83) tert-Butylbenzene	13.441	119	382043	46.969	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	472867	49.364	ug/l	100
85) sec-Butylbenzene	13.618	105	550993	47.696	ug/l	100
86) p-Isopropyltoluene	13.729	119	465470	50.036	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	249502	45.433	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	248362	43.268	ug/l	100
89) n-Butylbenzene	14.059	91	396911	48.100	ug/l	100
90) Hexachloroethane	14.335	117	90040	44.485	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	237132	44.224	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	35800	44.072	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	125930	44.538	ug/l	100
94) Hexachlorobutadiene	15.506	225	55994	40.165	ug/l	98
95) Naphthalene	15.641	128	404627	46.515	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	129788	45.042	ug/l	96

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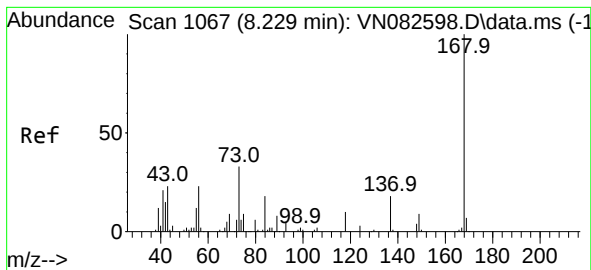
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/20/2024

Quant Time: Jun 20 02:55:05 2024
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Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:52:44 2024
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. 0.001 min

Lab File: VN082629.D

Acq: 19 Jun 2024 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 19938

Ion Ratio Lower Upper

168 100

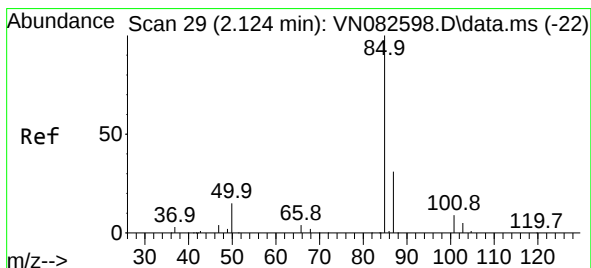
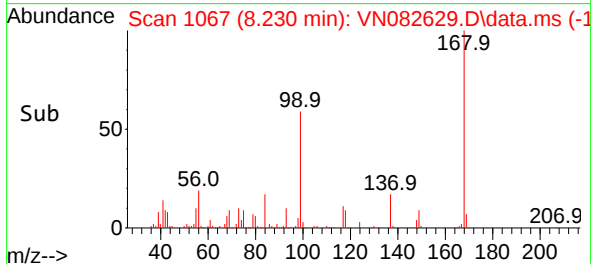
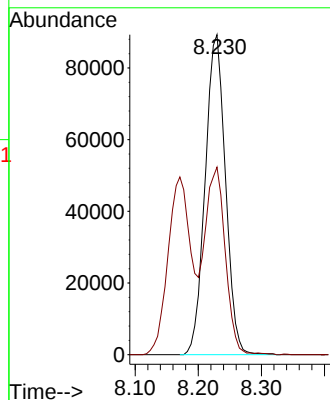
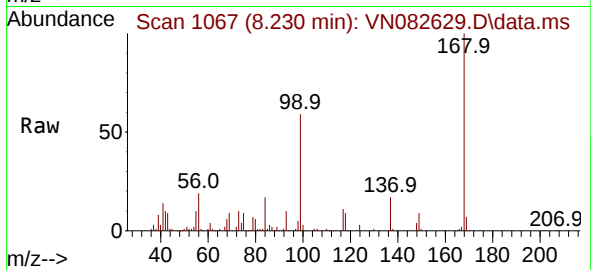
99 58.6 48.2 72.4

Manual Integrations

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Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#2

Dichlorodifluoromethane

Concen: 44.699 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN082629.D

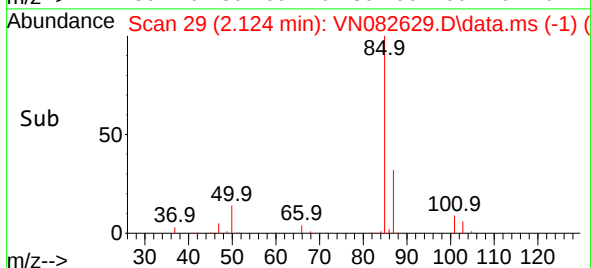
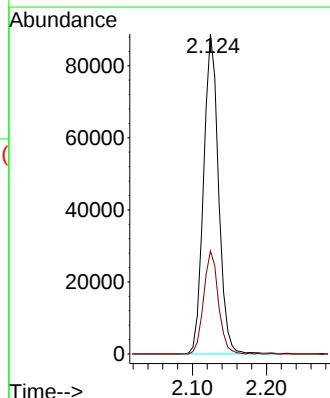
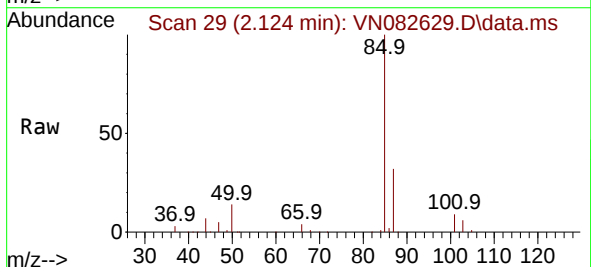
Acq: 19 Jun 2024 09:58

Tgt Ion: 85 Resp: 124473

Ion Ratio Lower Upper

85 100

87 32.2 15.7 47.0





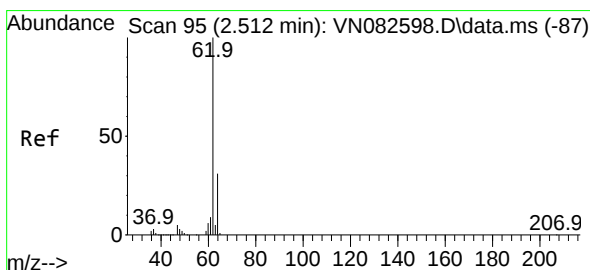
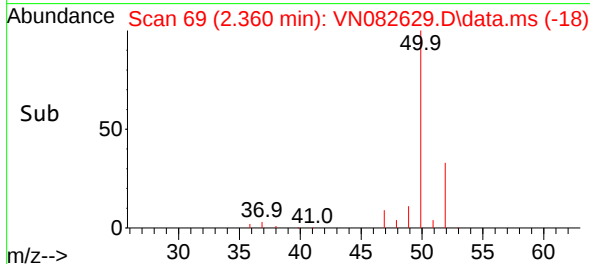
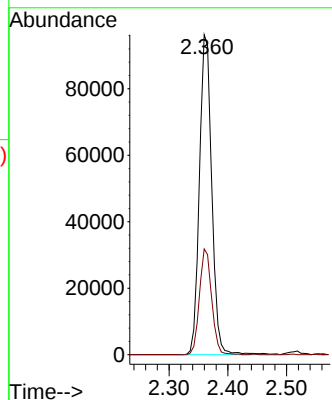
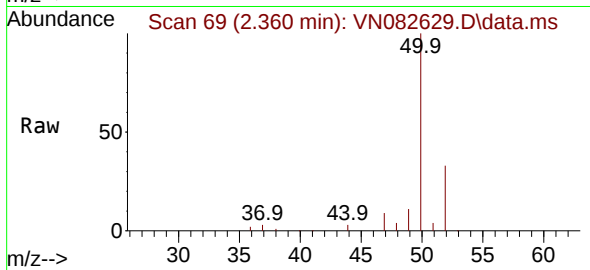
#3
Chloromethane
Concen: 42.054 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082629.D
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Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 140384
Ion Ratio Lower Upper
50 100
52 33.1 25.0 37.4

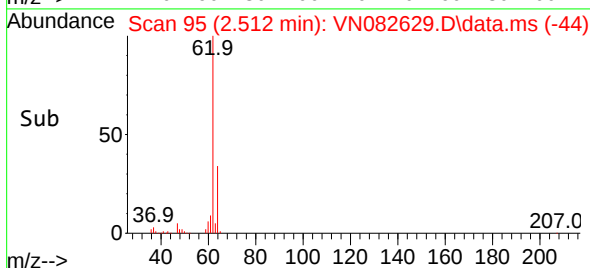
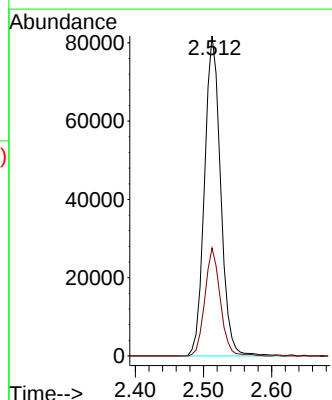
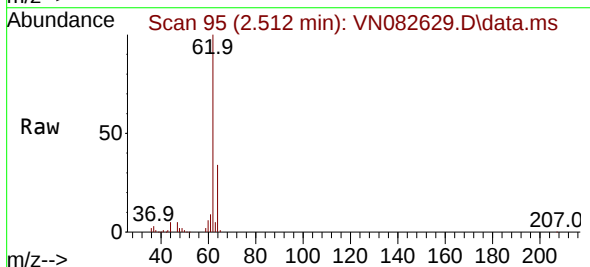
Manual Integrations
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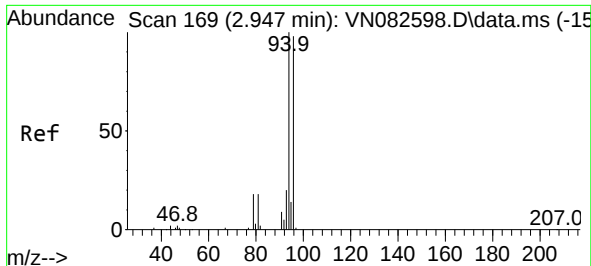
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#4
Vinyl Chloride
Concen: 42.387 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

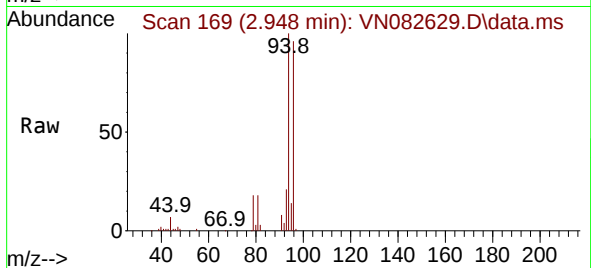
Tgt Ion: 62 Resp: 134658
Ion Ratio Lower Upper
62 100
64 33.8 25.0 37.6





#5
Bromomethane
Concen: 39.685 ug/l
RT: 2.948 min Scan# 169
Delta R.T. 0.001 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

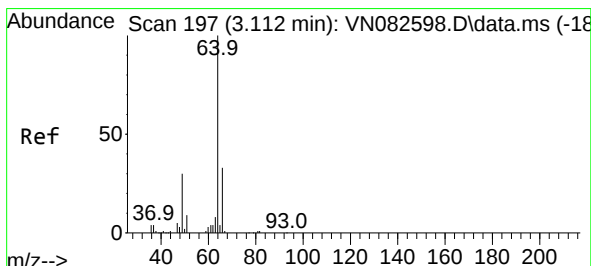
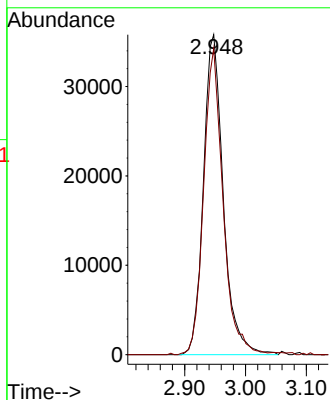
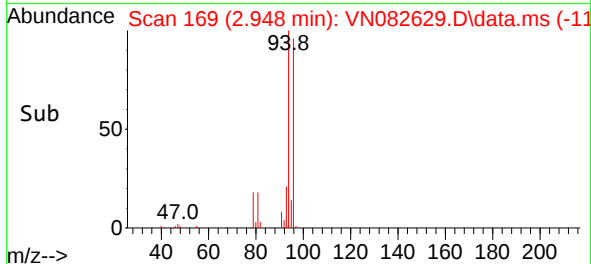
Instrument :
MSVOA_N
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VSTDCCC050



Tgt Ion: 94 Resp: 81150
Ion Ratio Lower Upper
94 100
96 95.7 78.0 117.0

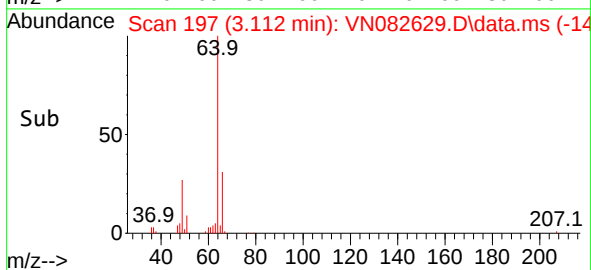
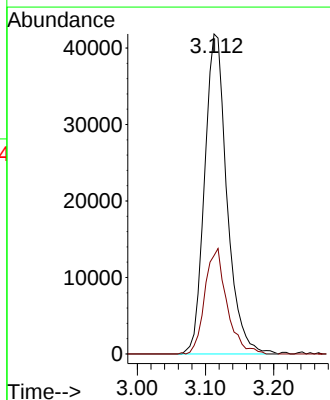
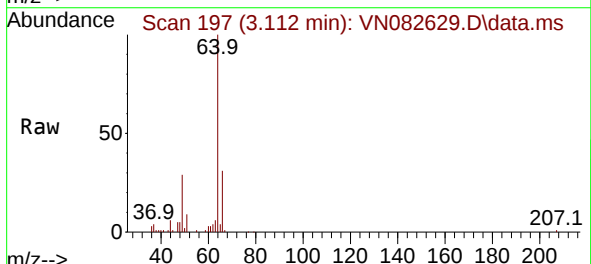
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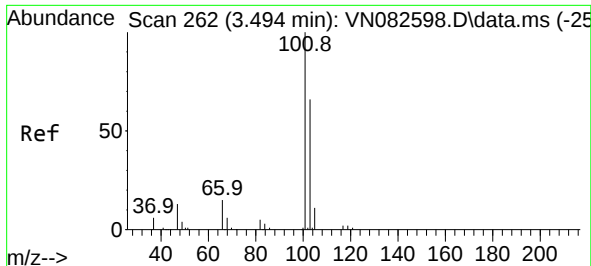
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#6
Chloroethane
Concen: 42.143 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

Tgt Ion: 64 Resp: 95468
Ion Ratio Lower Upper
64 100
66 30.7 26.6 40.0





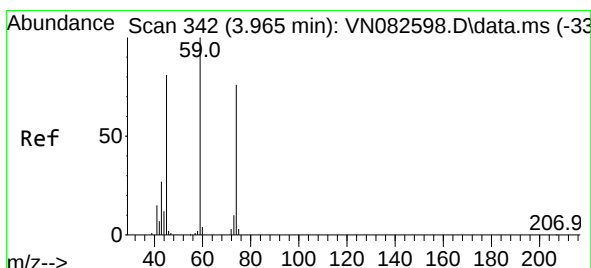
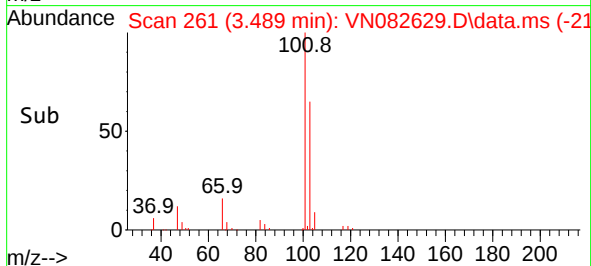
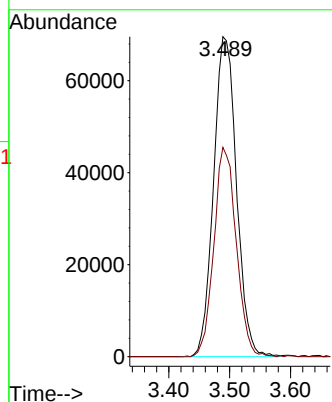
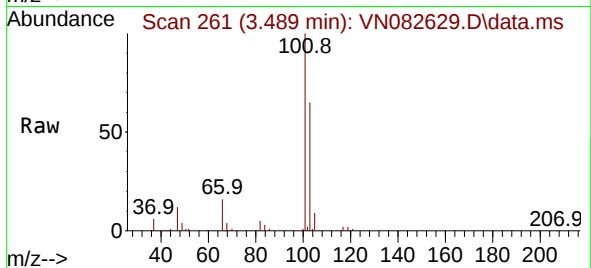
#7
Trichlorofluoromethane
Concen: 43.953 ug/l
RT: 3.489 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 18216
Ion Ratio Lower Upper
101 100
103 65.4 52.7 79.1

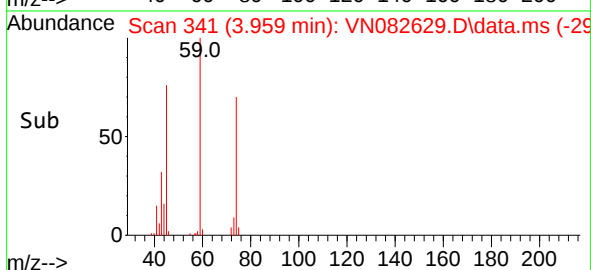
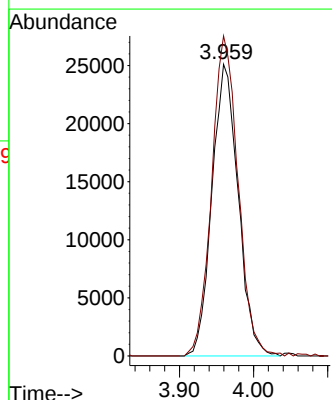
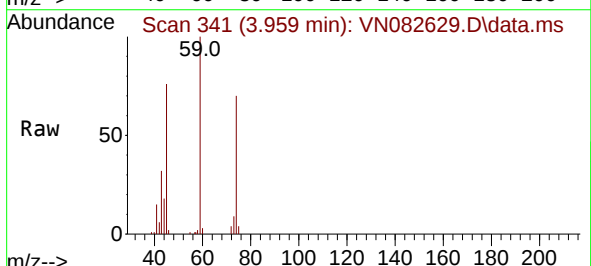
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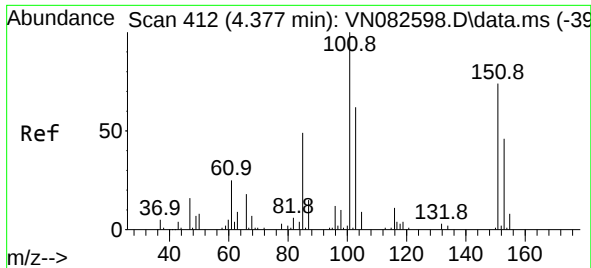
Reviewed By :John Carlone 06/20/2024
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#8
Diethyl Ether
Concen: 43.669 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

Tgt Ion: 74 Resp: 61639
Ion Ratio Lower Upper
74 100
45 110.6 55.5 166.3





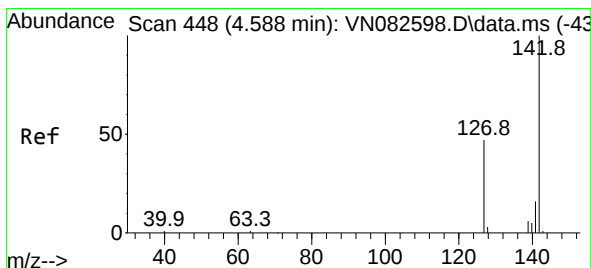
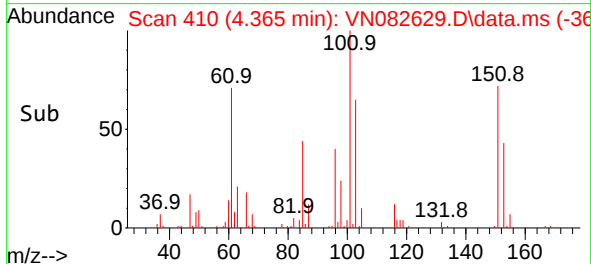
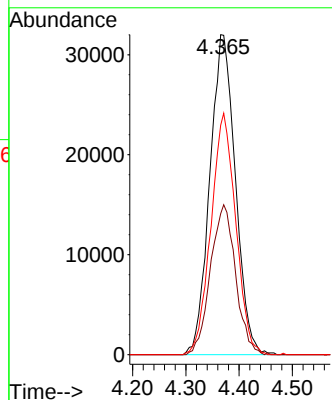
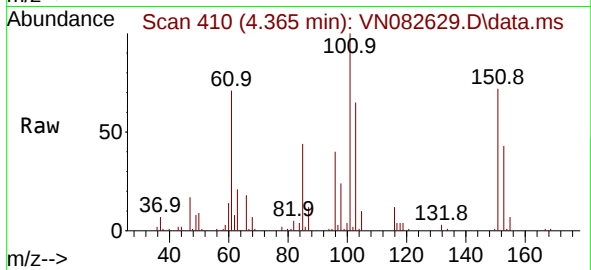
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.867 ug/l
RT: 4.365 min Scan# 412
Delta R.T. -0.011 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 106480
Ion Ratio Lower Upper
101 100
85 46.1 38.3 57.5
151 73.3 59.3 88.9

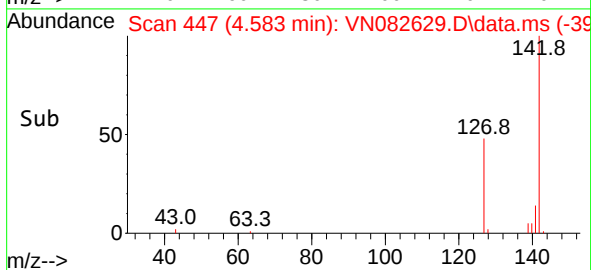
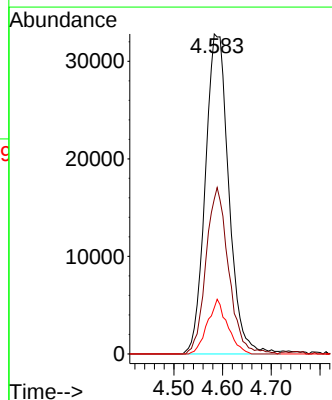
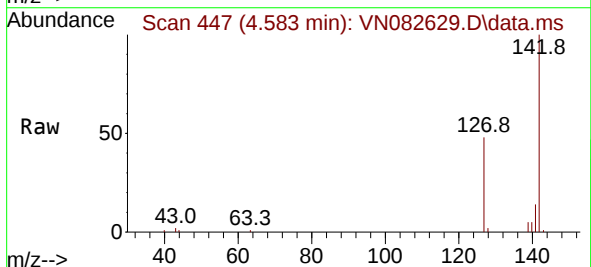
Manual Integrations
APPROVED

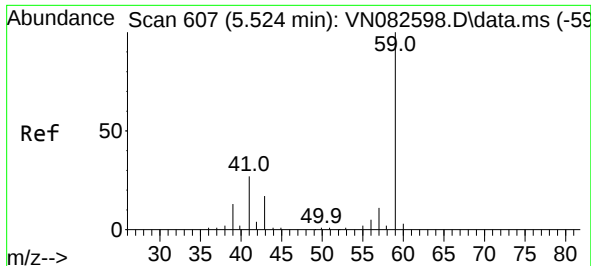
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#10
Methyl Iodide
Concen: 49.646 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

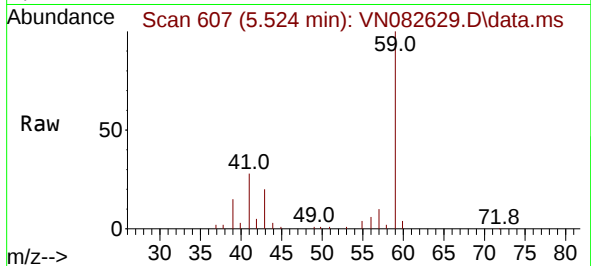
Tgt Ion:142 Resp: 109787
Ion Ratio Lower Upper
142 100
127 48.4 37.5 56.3
141 14.4 13.1 19.7





#11
Tert butyl alcohol
Concen: 205.502 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

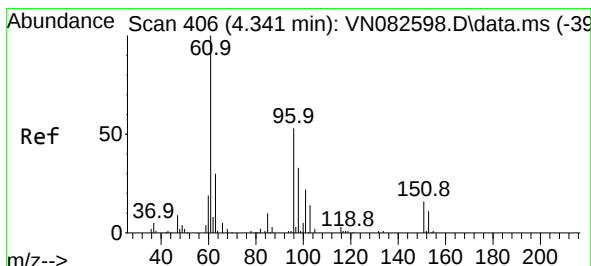
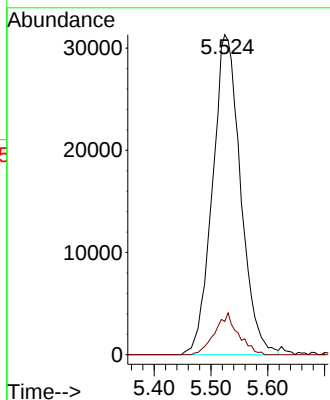
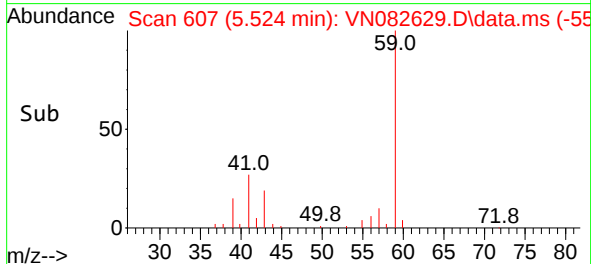
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



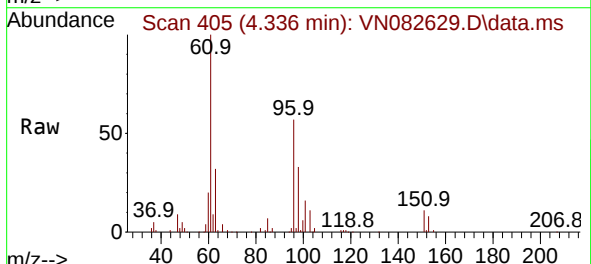
Tgt Ion: 59 Resp: 10754
Ion Ratio Lower Upper
59 100
57 10.9 8.9 13.3

Manual Integrations
APPROVED

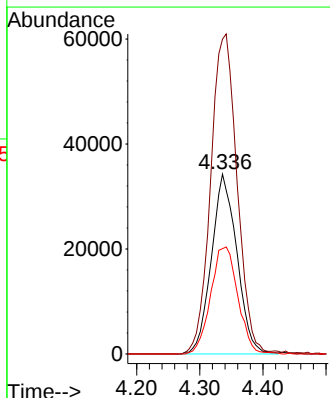
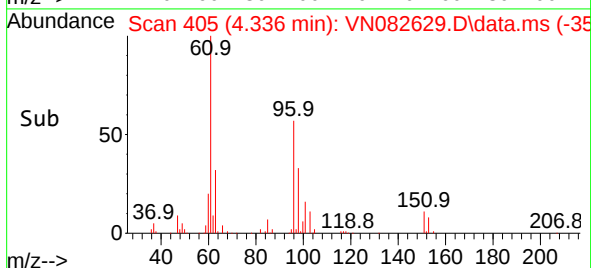
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

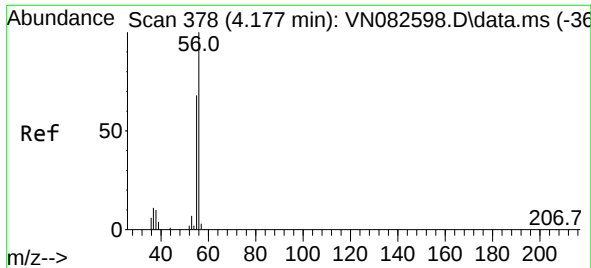


#12
1,1-Dichloroethene
Concen: 43.221 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58



Tgt Ion: 96 Resp: 95950
Ion Ratio Lower Upper
96 100
61 175.0 149.7 224.5
98 58.6 50.1 75.1





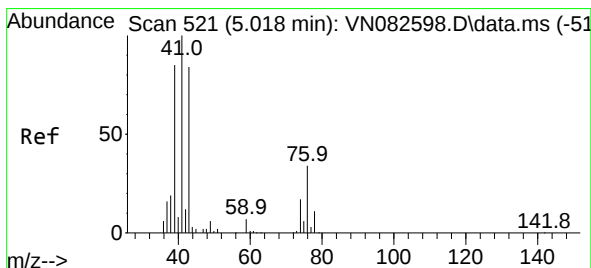
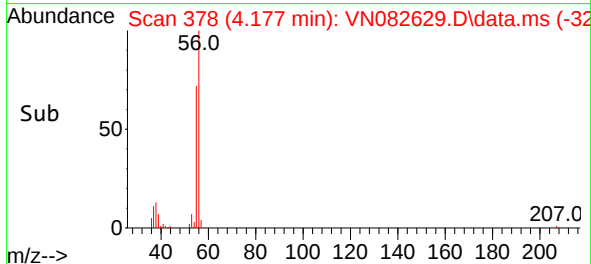
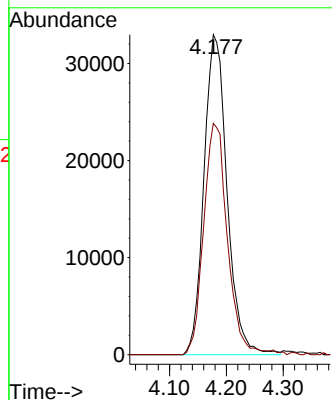
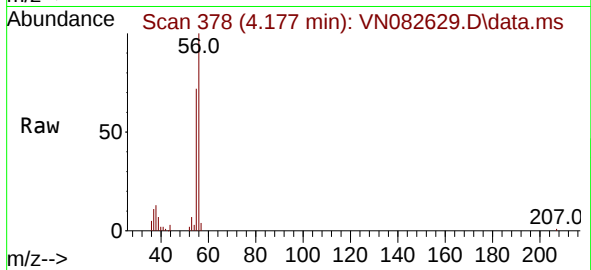
#13
Acrolein
Concen: 174.485 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 93015
Ion Ratio Lower Upper
56 100
55 74.4 56.4 84.6

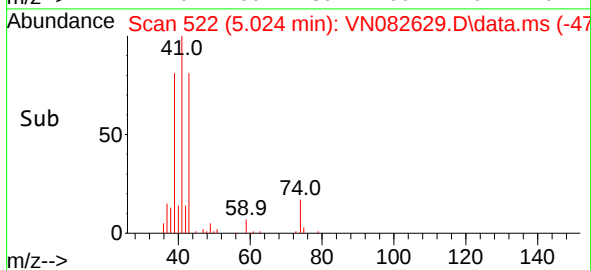
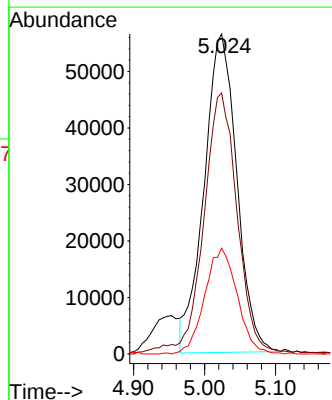
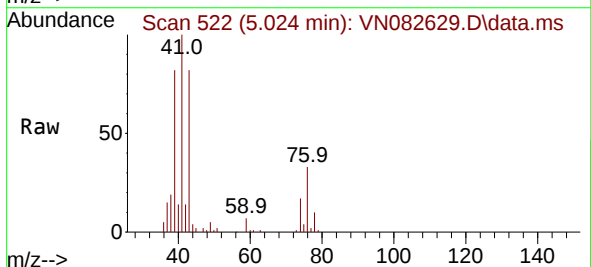
Manual Integrations
APPROVED

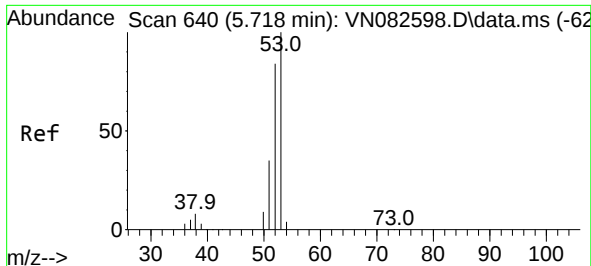
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#14
Allyl chloride
Concen: 41.543 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

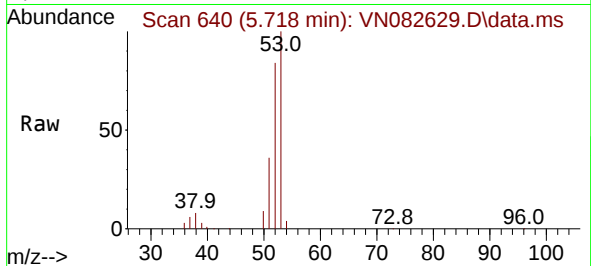
Tgt Ion: 41 Resp: 180370
Ion Ratio Lower Upper
41 100
39 84.7 67.8 101.6
76 32.9 25.8 38.8





#15
Acrylonitrile
Concen: 221.600 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

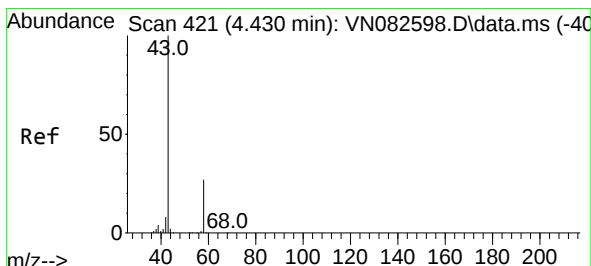
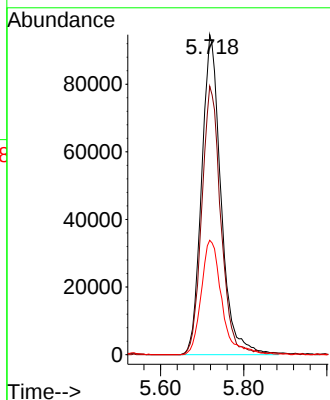
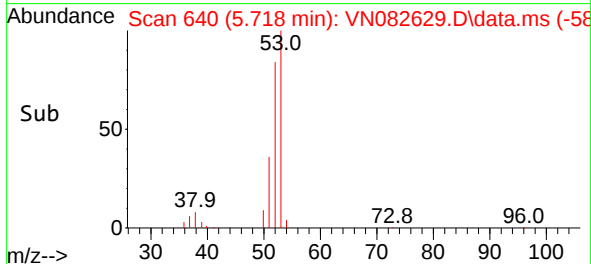
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



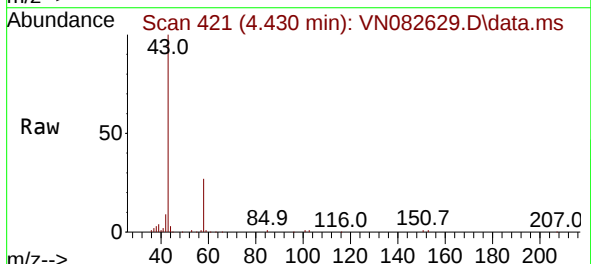
Tgt Ion: 53 Resp: 30610
Ion Ratio Lower Upper
53 100
52 82.7 66.6 100.0
51 37.9 30.1 45.1

Manual Integrations
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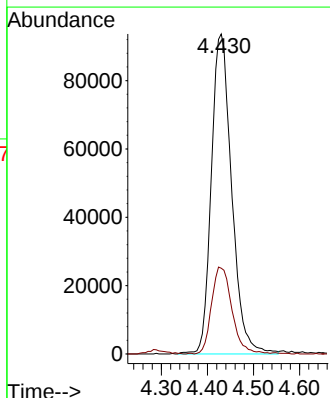
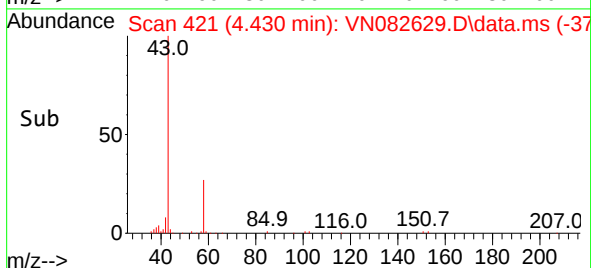
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

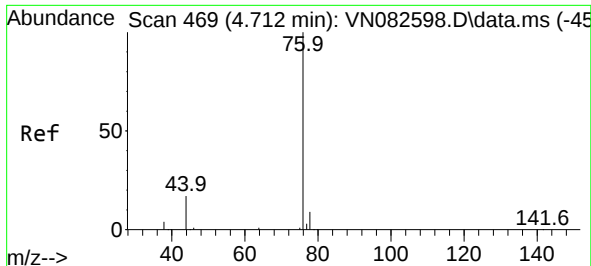


#16
Acetone
Concen: 197.606 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58



Tgt Ion: 43 Resp: 287351
Ion Ratio Lower Upper
43 100
58 26.6 21.8 32.6





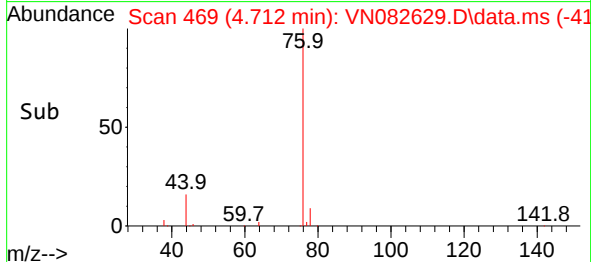
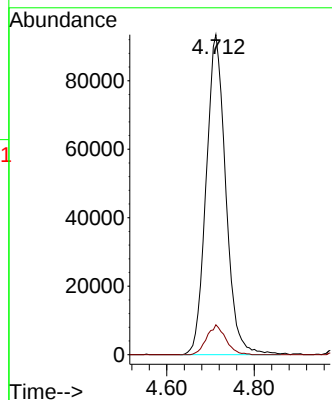
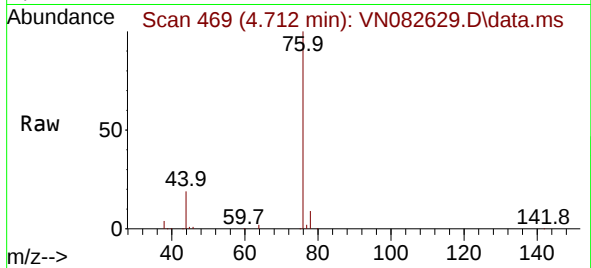
#17
Carbon Disulfide
Concen: 41.288 ug/l
RT: 4.712 min Scan# 40
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 291090
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

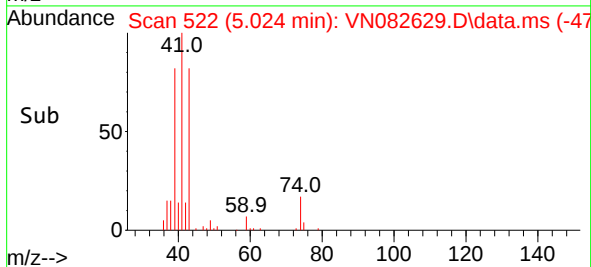
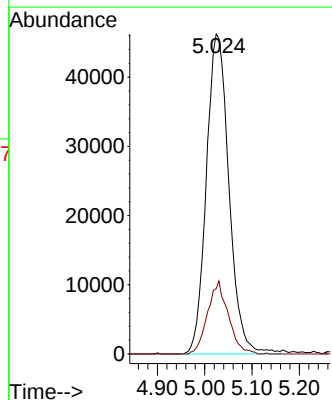
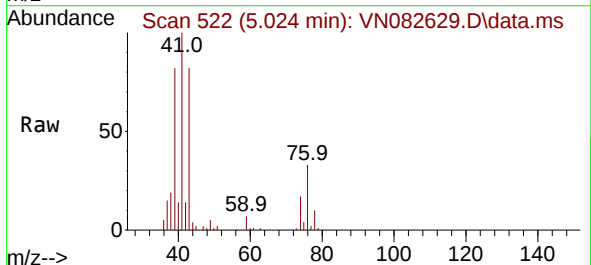
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#18
Methyl Acetate
Concen: 43.115 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

Tgt Ion: 43 Resp: 153343
Ion Ratio Lower Upper
43 100
74 20.9 16.3 24.5





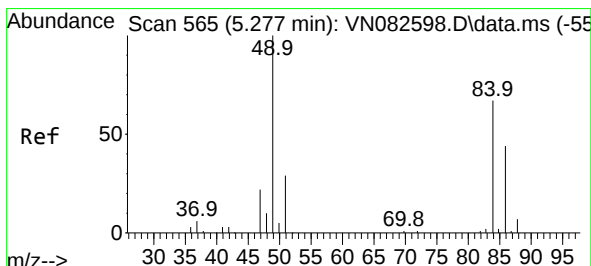
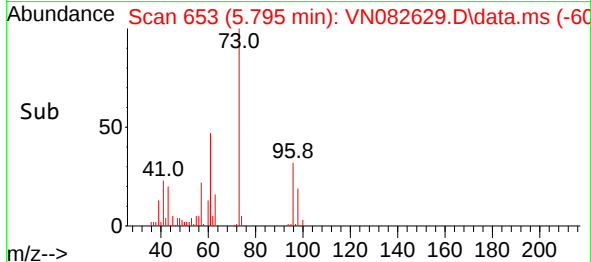
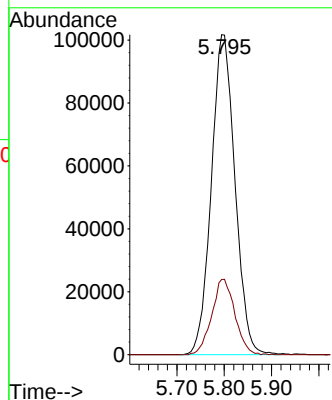
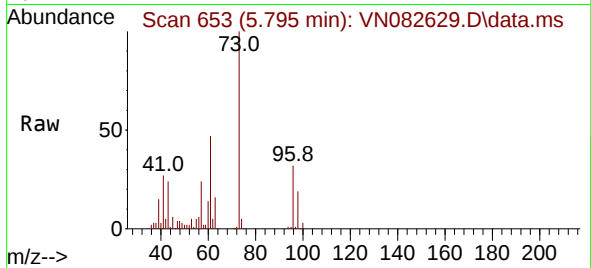
#19
Methyl tert-butyl Ether
Concen: 46.432 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 352840
Ion Ratio Lower Upper
73 100
57 23.5 17.9 26.9

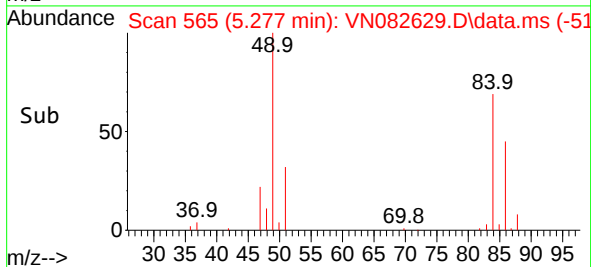
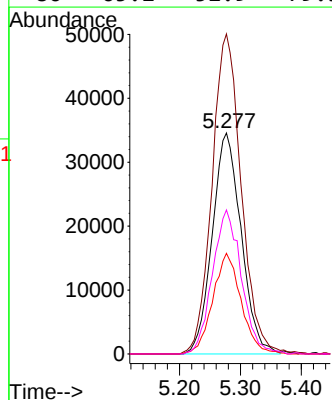
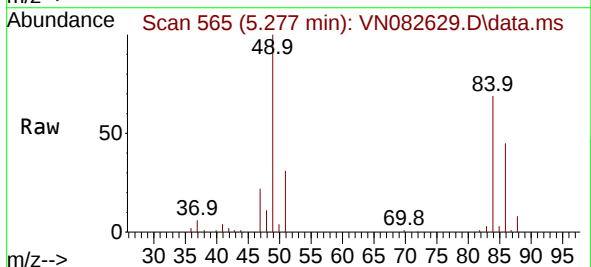
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#20
Methylene Chloride
Concen: 44.609 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

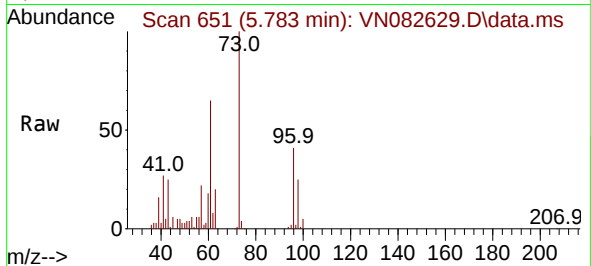
Tgt Ion: 84 Resp: 114046
Ion Ratio Lower Upper
84 100
49 144.8 119.6 179.4
51 45.5 34.8 52.2
86 65.2 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 44.209 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

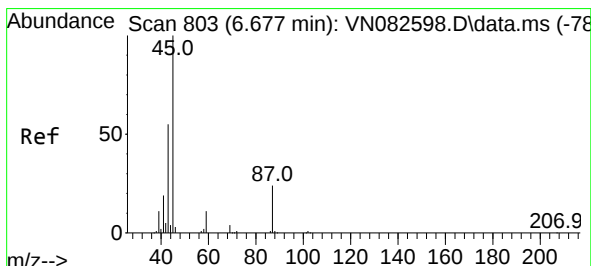
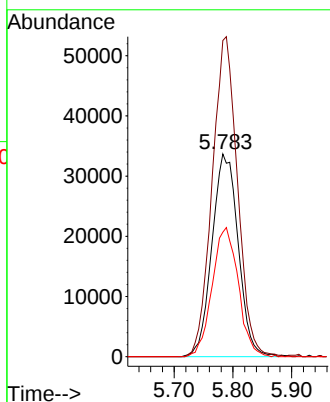
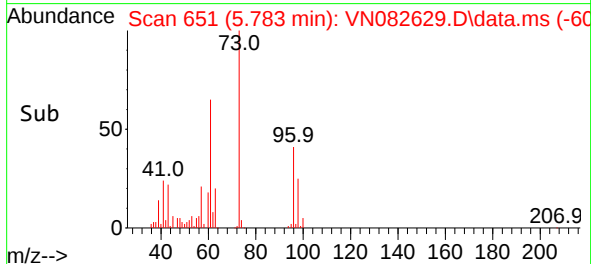
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 10430
Ion Ratio Lower Upper
96 100
61 155.9 123.4 185.2
98 61.4 49.3 73.9

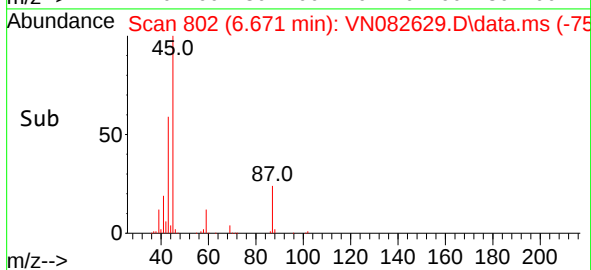
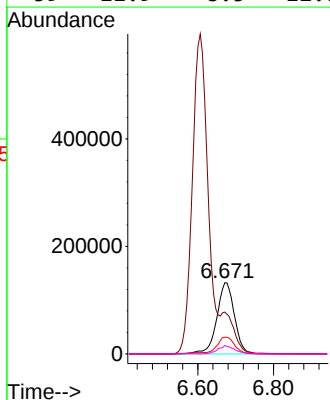
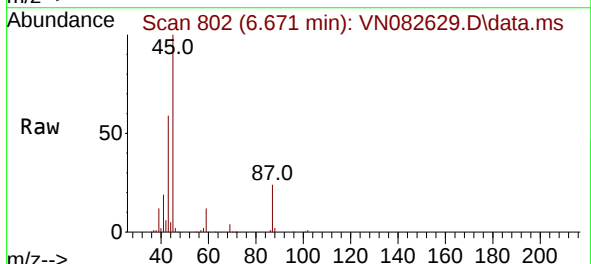
Manual Integrations
APPROVED

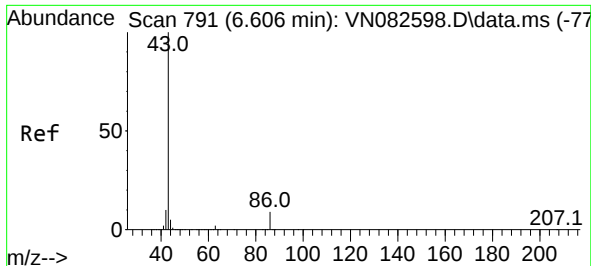
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#22
Diisopropyl ether
Concen: 47.146 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

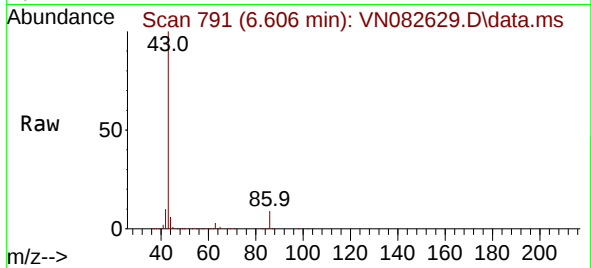
Tgt Ion: 45 Resp: 429280
Ion Ratio Lower Upper
45 100
43 58.4 44.0 66.0
87 23.7 19.7 29.5
59 11.9 8.5 12.7





#23
 Vinyl Acetate
 Concen: 236.679 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082629.D
 Acq: 19 Jun 2024 09:58

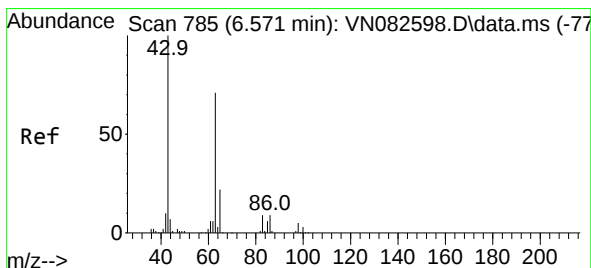
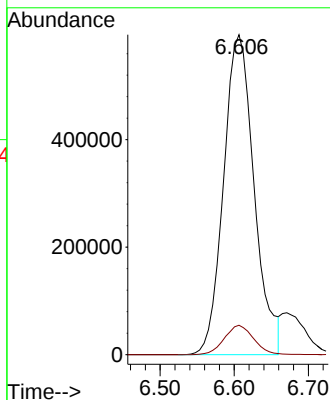
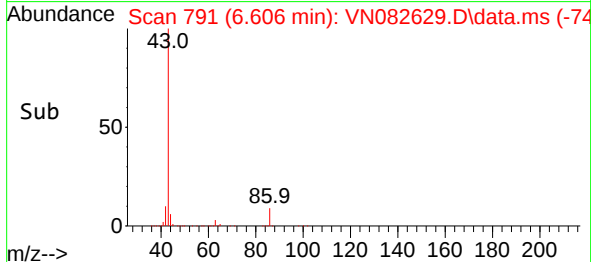
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



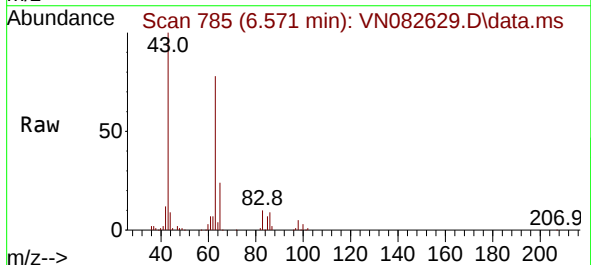
Tgt Ion: 43 Resp: 170895
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.3 10.9

Manual Integrations
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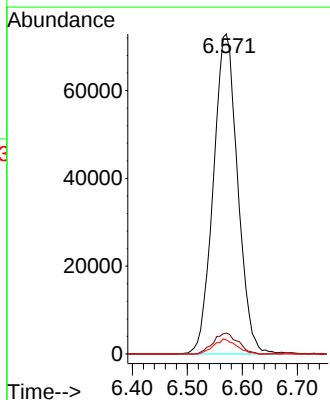
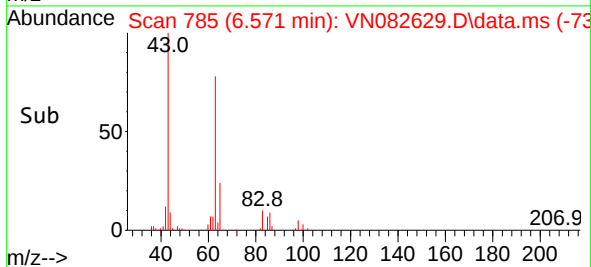
Reviewed By :John Carlone 06/20/2024
 Supervised By :Mahesh Dadoda 06/20/2024

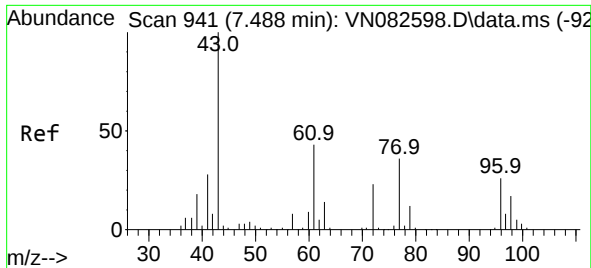


#24
 1,1-Dichloroethane
 Concen: 45.525 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN082629.D
 Acq: 19 Jun 2024 09:58



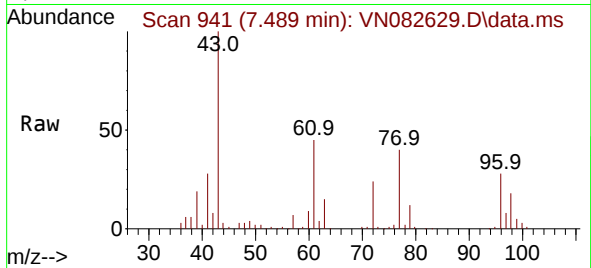
Tgt Ion: 63 Resp: 224551
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.9
 100 4.4 2.0 6.0





#25
2-Butanone
Concen: 219.040 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

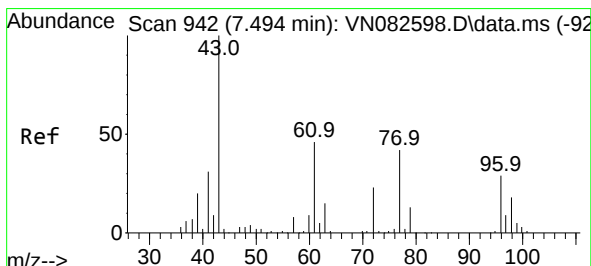
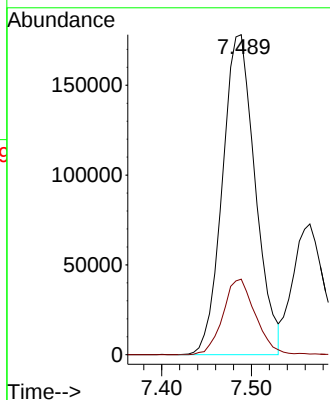
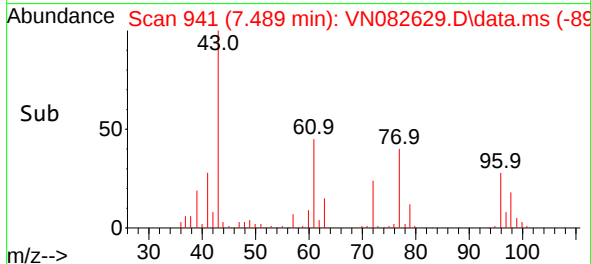
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



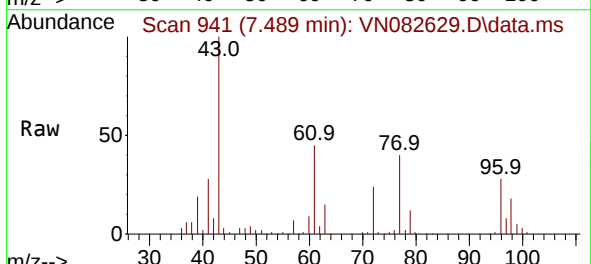
Tgt Ion: 43 Resp: 452735
Ion Ratio Lower Upper
43 100
72 23.6 18.2 27.2

Manual Integrations
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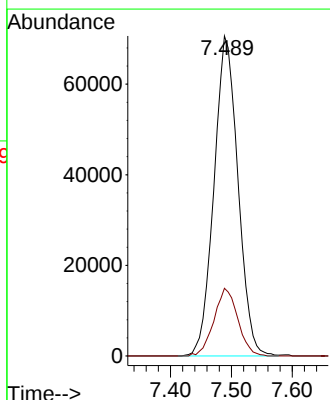
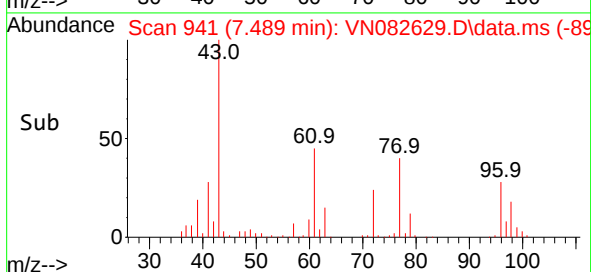
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

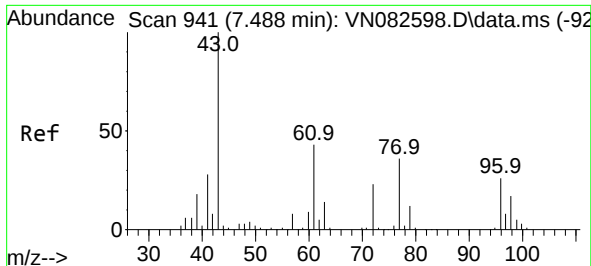


#26
2,2-Dichloropropane
Concen: 45.193 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58



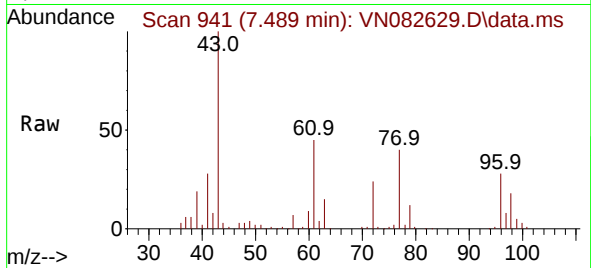
Tgt Ion: 77 Resp: 193376
Ion Ratio Lower Upper
77 100
97 21.0 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 44.539 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082629.D
 Acq: 19 Jun 2024 09:58

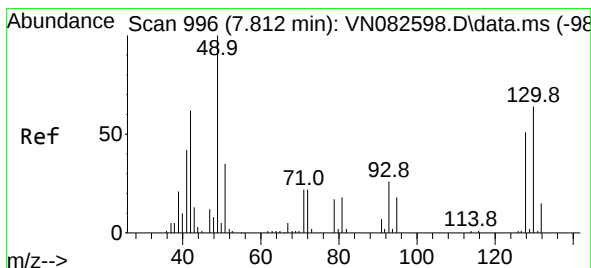
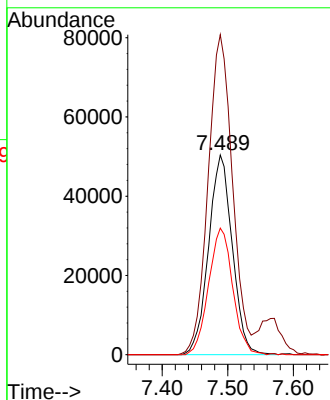
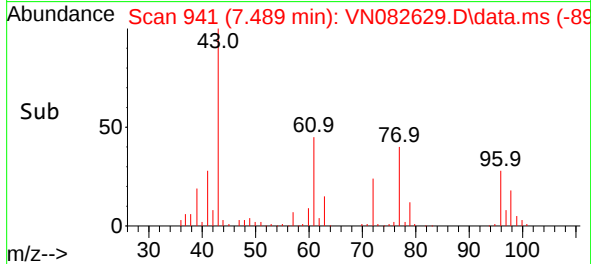
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



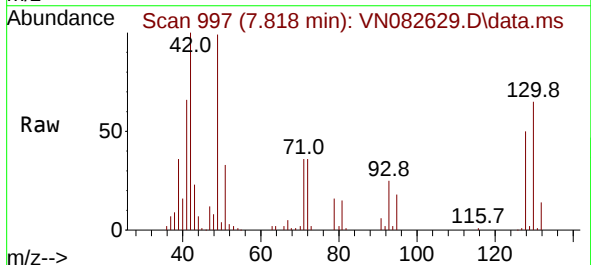
Tgt Ion: 96 Resp: 126617
 Ion Ratio Lower Upper
 96 100
 61 164.5 0.0 329.6
 98 64.3 0.0 128.6

Manual Integrations
 APPROVED

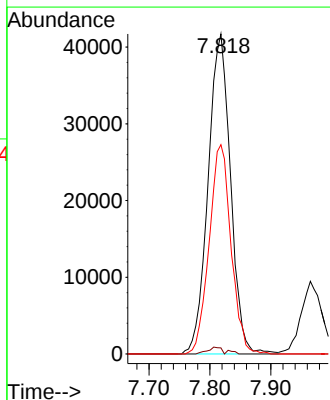
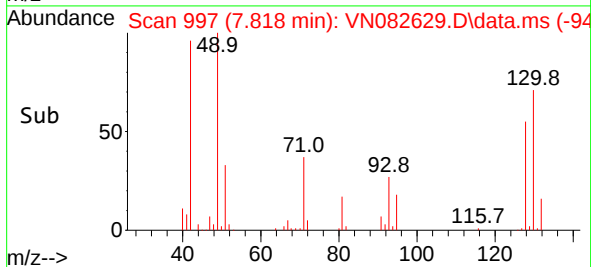
Reviewed By :John Carlone 06/20/2024
 Supervised By :Mahesh Dadoda 06/20/2024

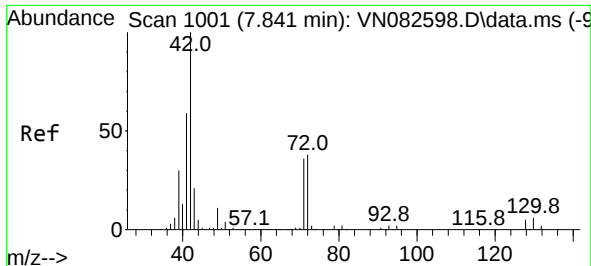


#28
 Bromochloromethane
 Concen: 47.399 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN082629.D
 Acq: 19 Jun 2024 09:58



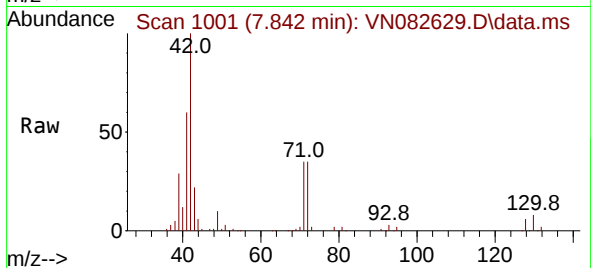
Tgt Ion: 49 Resp: 106696
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.8
 130 63.7 50.5 75.7





#29
Tetrahydrofuran
Concen: 238.067 ug/l
RT: 7.842 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

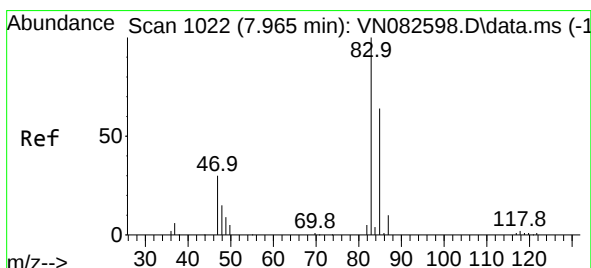
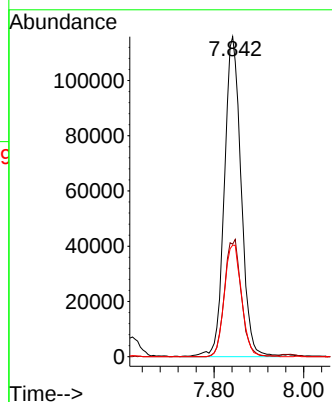
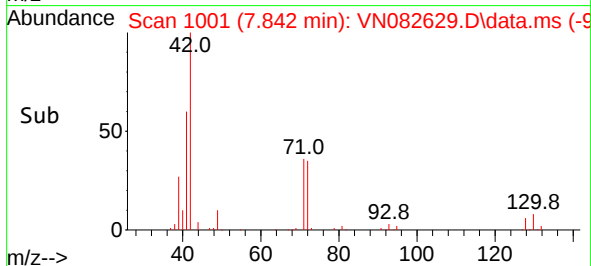
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



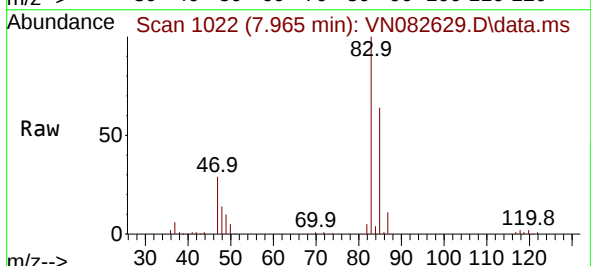
Tgt Ion: 42 Resp: 301229
Ion Ratio Lower Upper
42 100
72 36.8 30.0 45.0
71 35.9 28.3 42.5

Manual Integrations
APPROVED

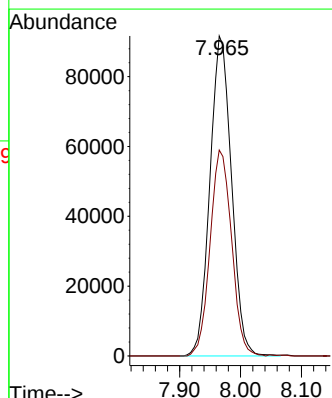
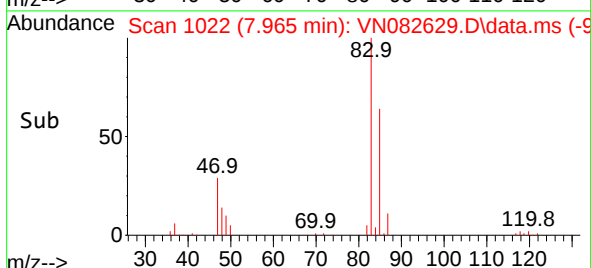
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

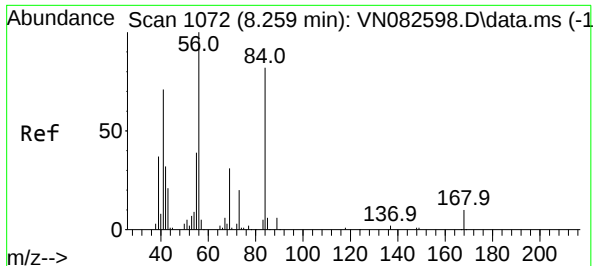


#30
Chloroform
Concen: 46.863 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58



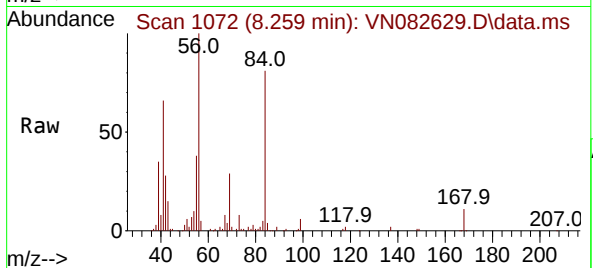
Tgt Ion: 83 Resp: 225482
Ion Ratio Lower Upper
83 100
85 64.4 50.9 76.3





#31
Cyclohexane
Concen: 43.329 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

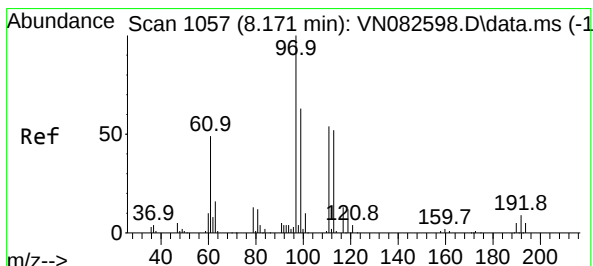
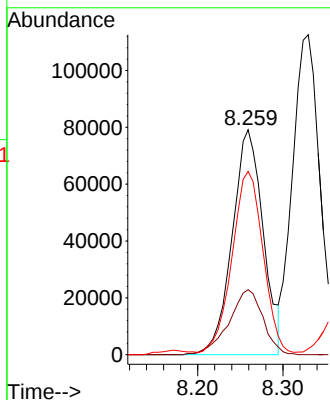
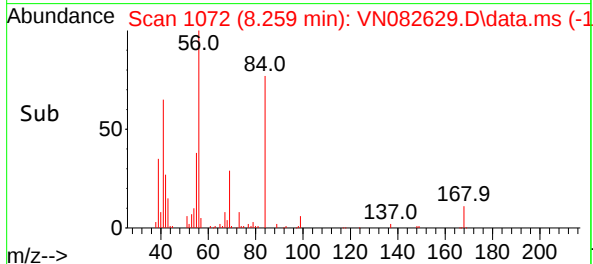
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



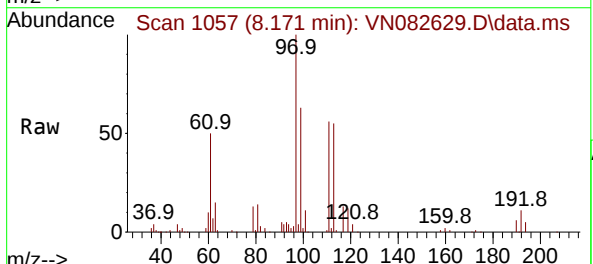
Tgt Ion: 56 Resp: 19994
Ion Ratio Lower Upper
56 100
69 28.9 24.5 36.7
84 79.7 66.0 99.0

Manual Integrations
APPROVED

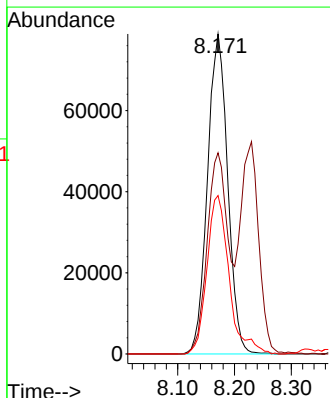
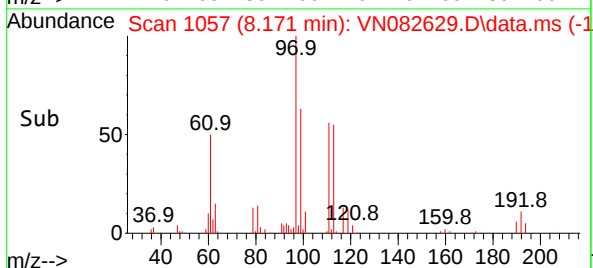
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

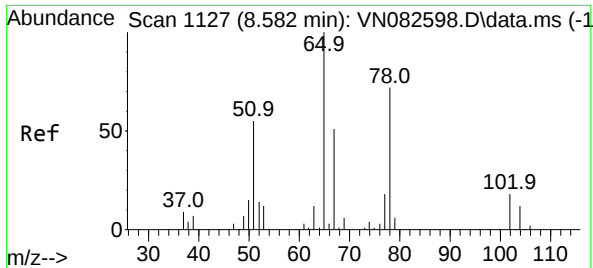


#32
1,1,1-Trichloroethane
Concen: 44.625 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58



Tgt Ion: 97 Resp: 194704
Ion Ratio Lower Upper
97 100
99 65.9 52.0 78.0
61 54.4 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 48.644 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082629.D

Acq: 19 Jun 2024 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 15553

Ion Ratio Lower Upper

65 100

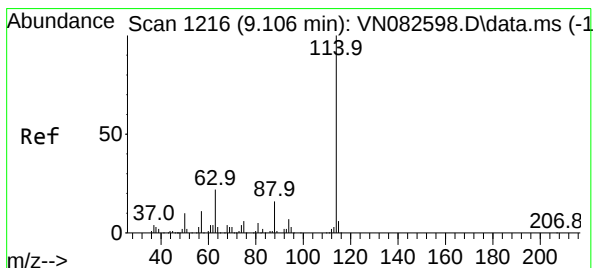
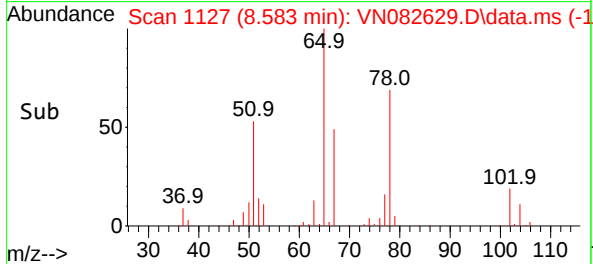
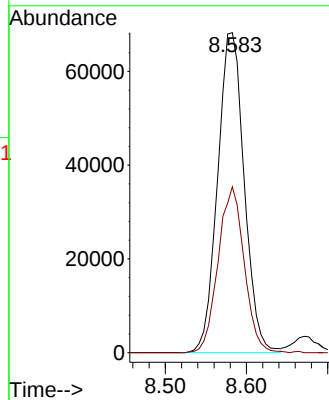
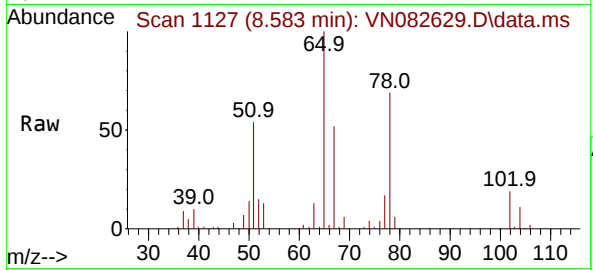
67 50.8 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN082629.D

Acq: 19 Jun 2024 09:58

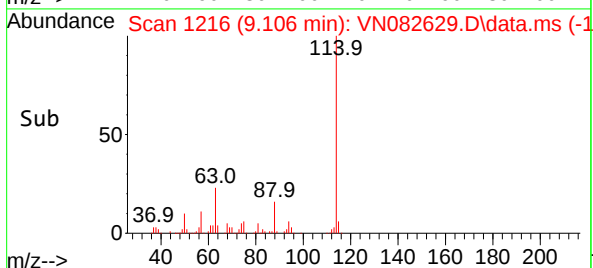
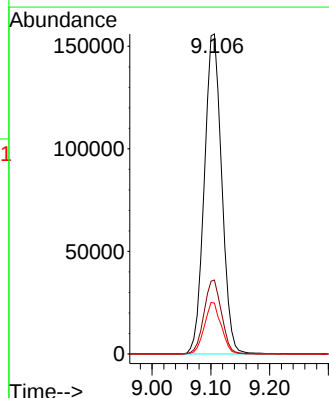
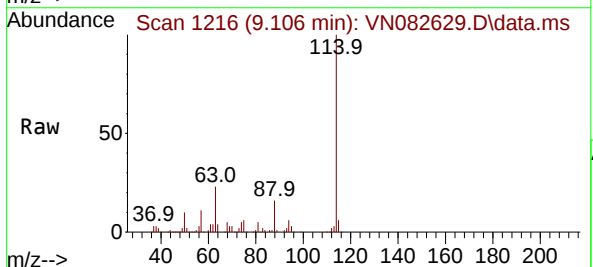
Tgt Ion:114 Resp: 320547

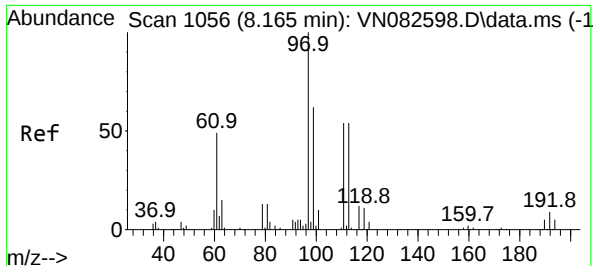
Ion Ratio Lower Upper

114 100

63 23.1 0.0 44.6

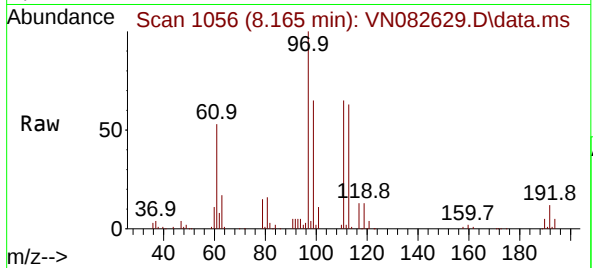
88 15.9 0.0 31.4





#35
Dibromofluoromethane
Concen: 50.520 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

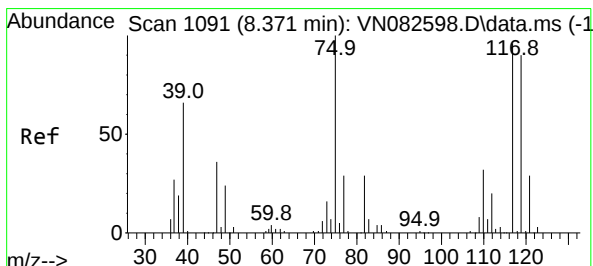
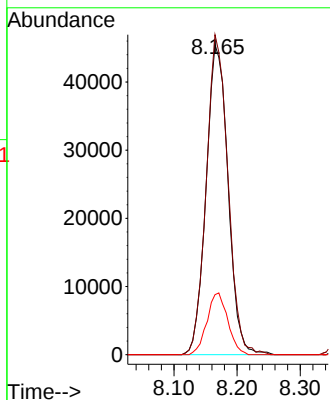
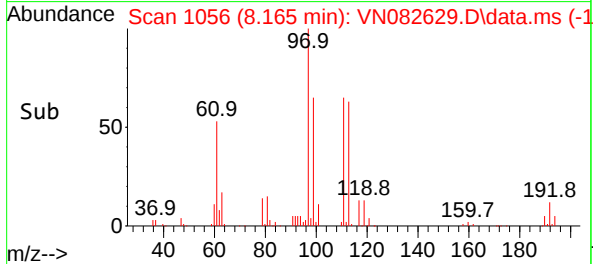
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



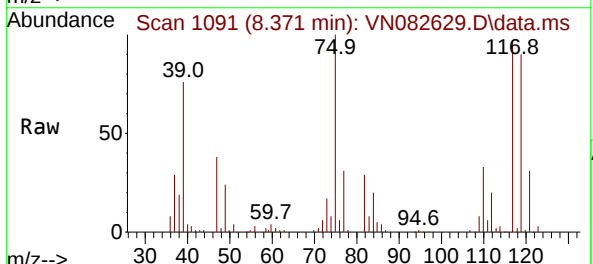
Tgt Ion: 113 Resp: 109859
Ion Ratio Lower Upper
113 100
111 101.8 82.4 123.6
192 18.9 14.9 22.3

Manual Integrations
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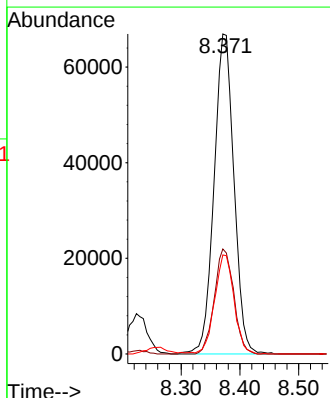
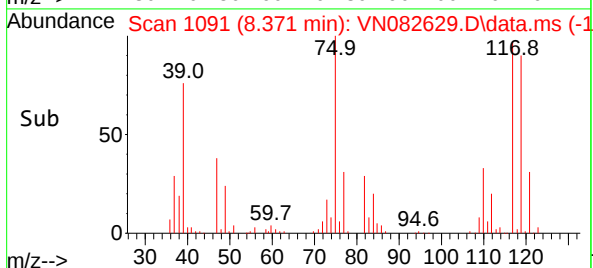
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#36
1,1-Dichloropropene
Concen: 48.464 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58



Tgt Ion: 75 Resp: 157543
Ion Ratio Lower Upper
75 100
110 31.9 16.3 48.9
77 30.2 24.6 37.0





#37

Ethyl Acetate

Concen: 43.875 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN082629.D

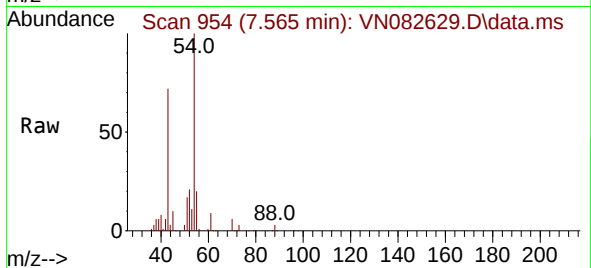
Acq: 19 Jun 2024 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



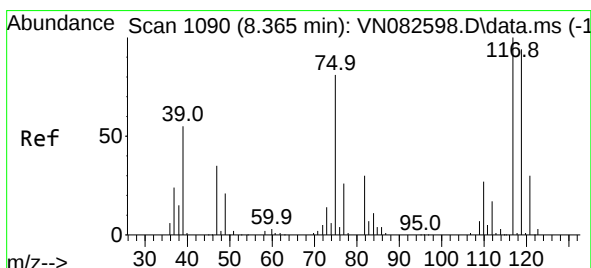
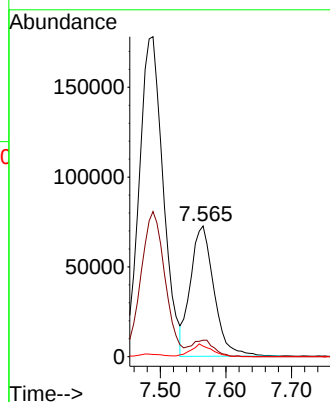
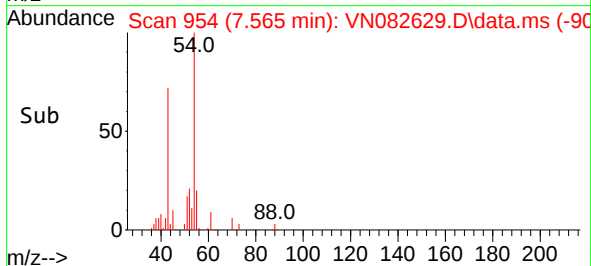
Tgt Ion:	43	Resp:	181670
Ion	Ratio	Lower	Upper
43	100		
61	11.6	9.3	13.9
70	8.5	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#38

Carbon Tetrachloride

Concen: 47.887 ug/l

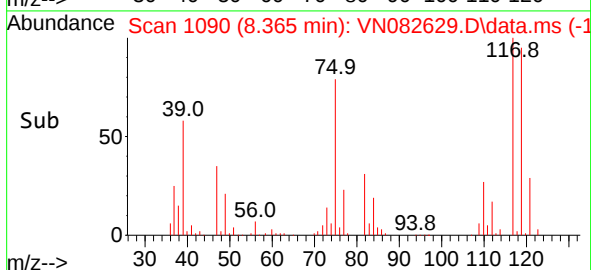
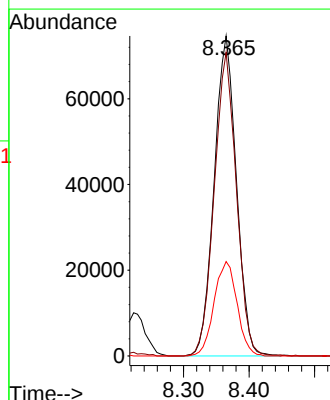
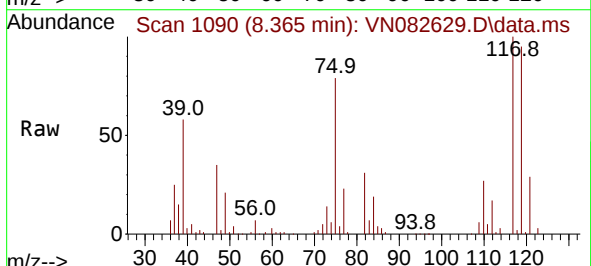
RT: 8.365 min Scan# 1090

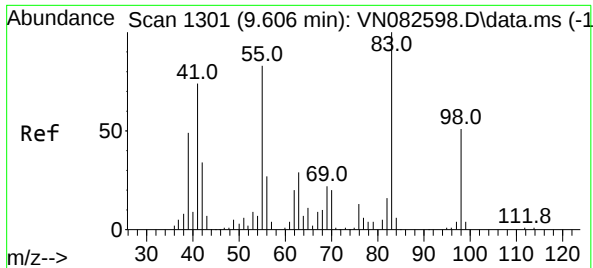
Delta R.T. 0.000 min

Lab File: VN082629.D

Acq: 19 Jun 2024 09:58

Tgt Ion:	117	Resp:	175430
Ion	Ratio	Lower	Upper
117	100		
119	94.9	74.9	112.3
121	29.5	24.3	36.5





#39

Methylcyclohexane

Concen: 48.574 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.000 min

Lab File: VN082629.D

Acq: 19 Jun 2024 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 166172

Ion Ratio Lower Upper

83 100

55 83.7 66.4 99.6

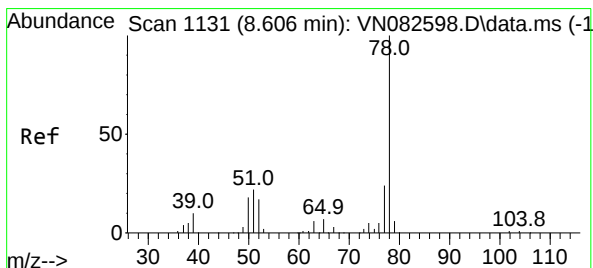
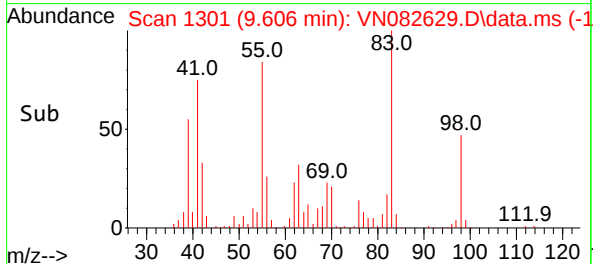
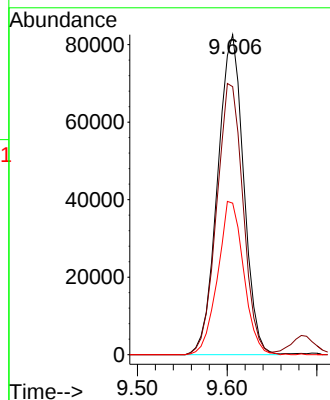
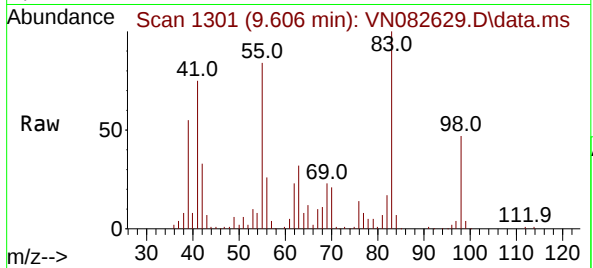
98 47.3 40.7 61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#40

Benzene

Concen: 47.977 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN082629.D

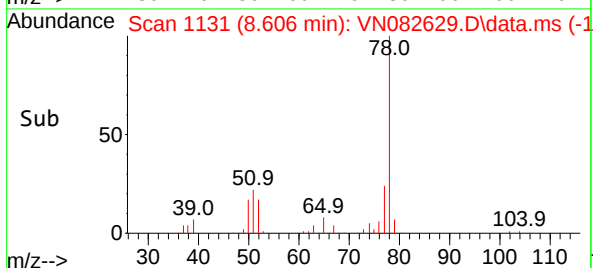
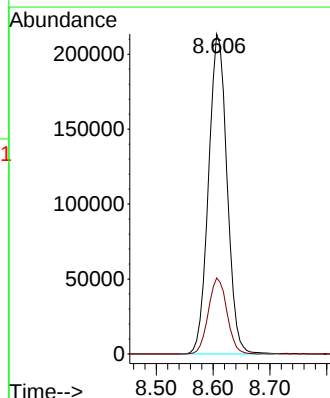
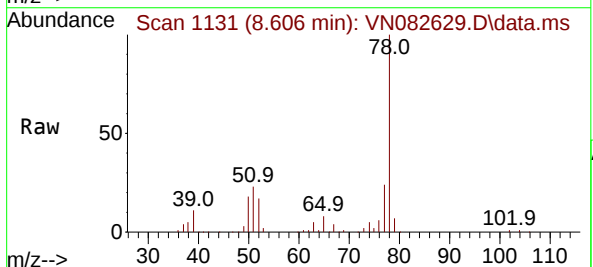
Acq: 19 Jun 2024 09:58

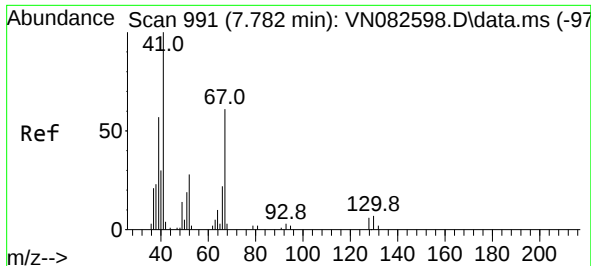
Tgt Ion: 78 Resp: 481898

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.4





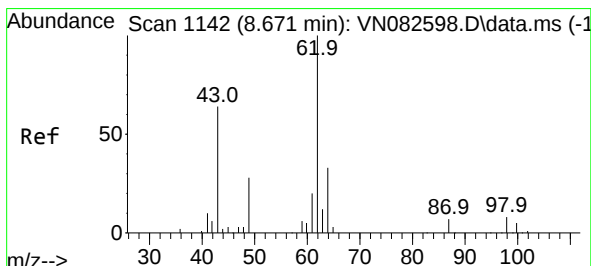
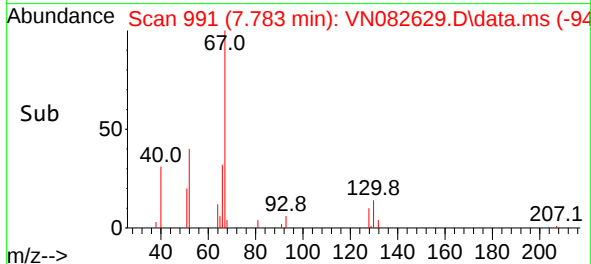
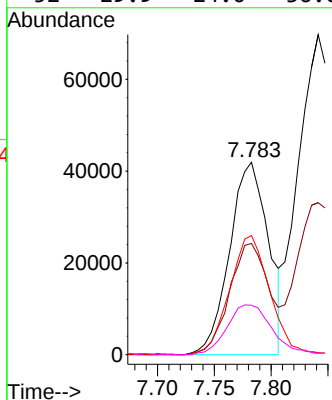
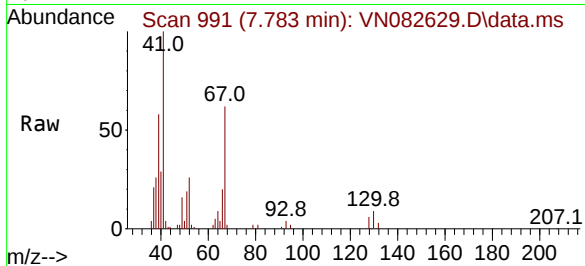
#41
Methacrylonitrile
Concen: 47.147 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 9979
Ion Ratio Lower Upper
41 100
39 58.6 45.5 68.3
67 64.2 50.5 75.7
52 29.9 24.0 36.0

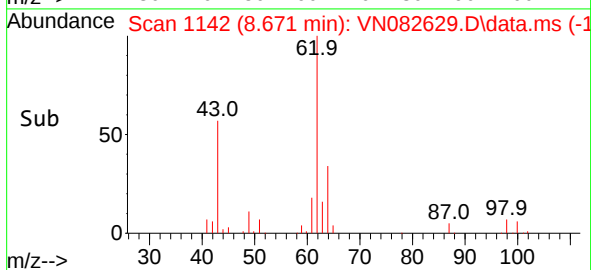
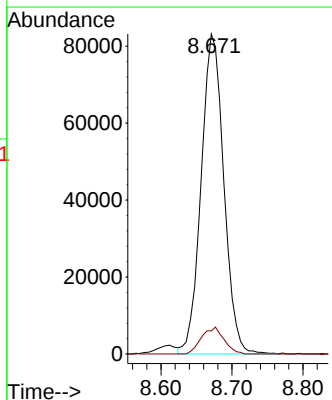
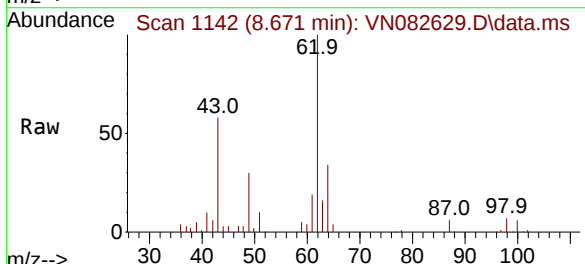
Manual Integrations
APPROVED

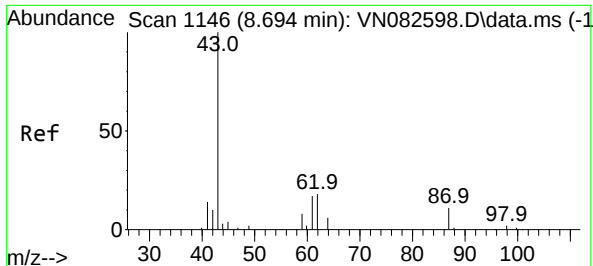
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#42
1,2-Dichloroethane
Concen: 48.319 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

Tgt Ion: 62 Resp: 184610
Ion Ratio Lower Upper
62 100
98 8.3 0.0 15.8





#43

Isopropyl Acetate

Concen: 41.283 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN082629.D

Acq: 19 Jun 2024 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 319470

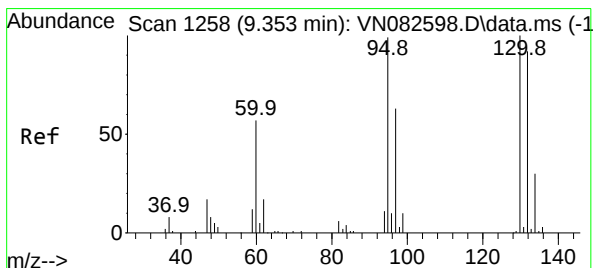
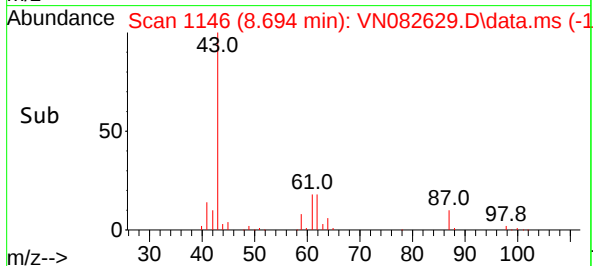
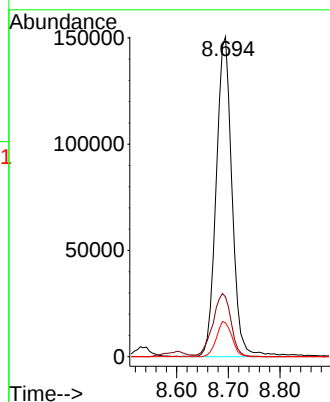
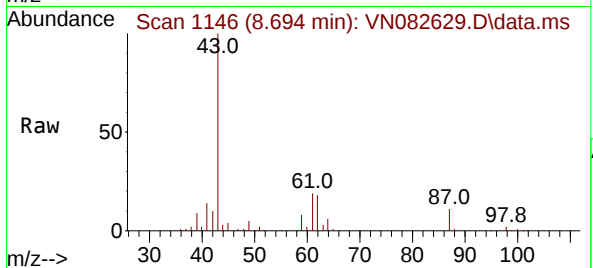
Ion	Ratio	Lower	Upper
43	100		
61	22.7	17.8	26.6
87	10.7	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#44

Trichloroethene

Concen: 46.855 ug/l

RT: 9.353 min Scan# 1258

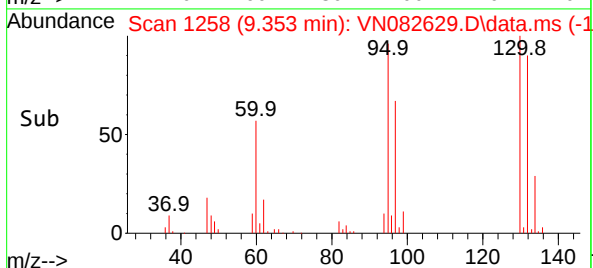
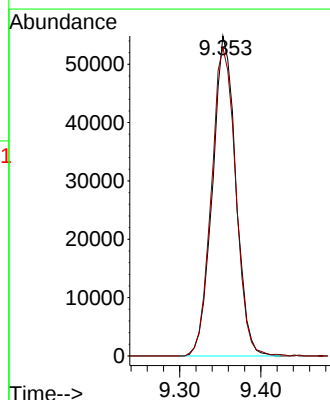
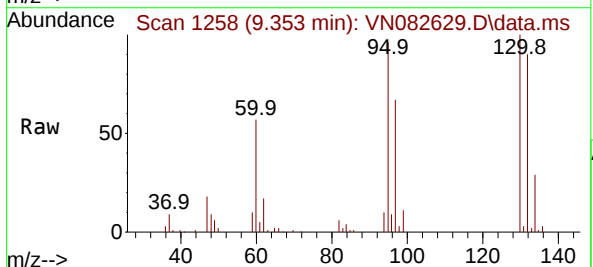
Delta R.T. 0.000 min

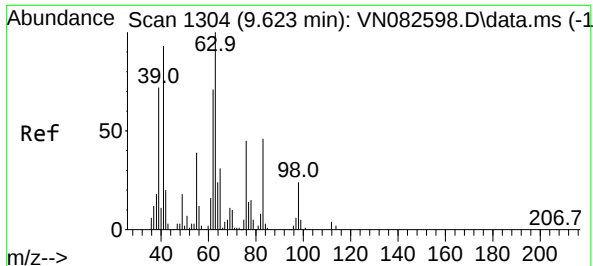
Lab File: VN082629.D

Acq: 19 Jun 2024 09:58

Tgt Ion:130 Resp: 109284

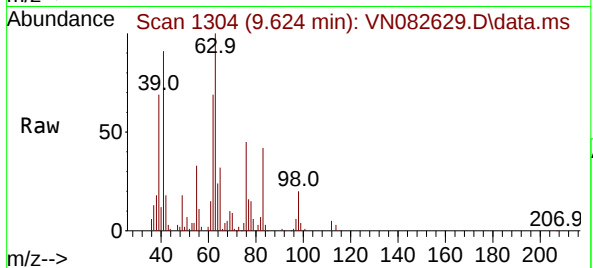
Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	197.8





#45
1,2-Dichloropropane
Concen: 48.513 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

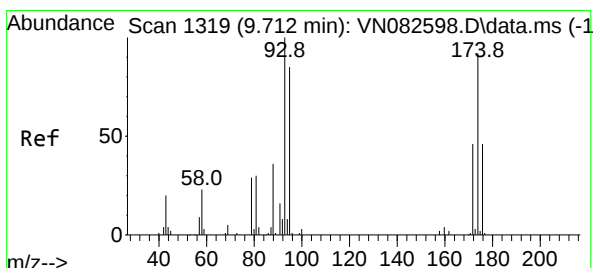
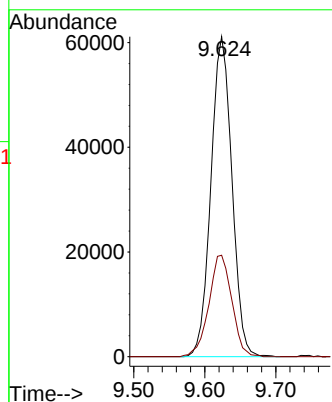
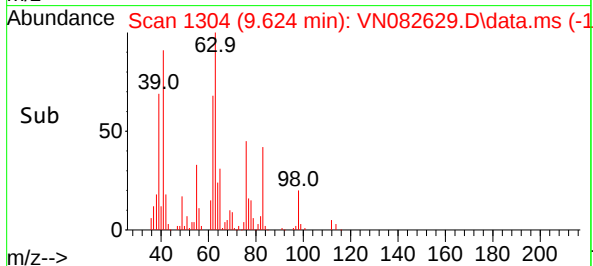
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 125420
Ion Ratio Lower Upper
63 100
65 31.7 24.4 36.6

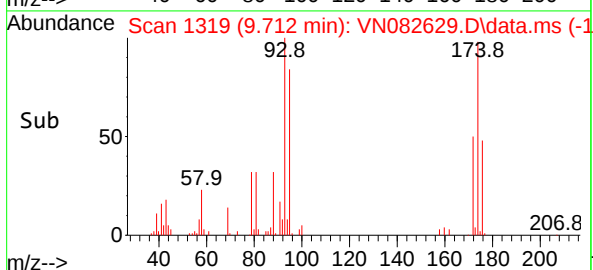
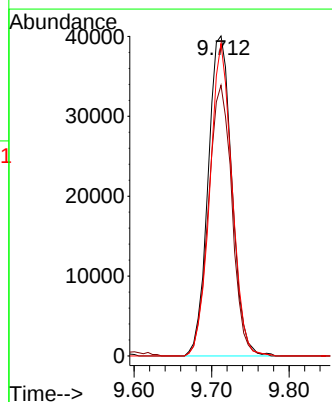
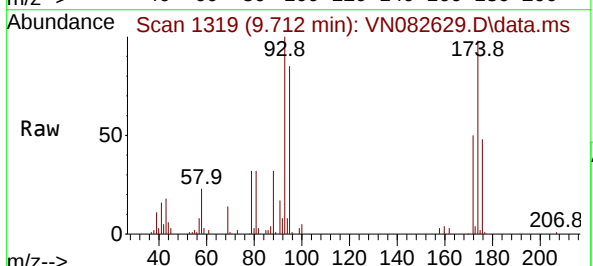
Manual Integrations
APPROVED

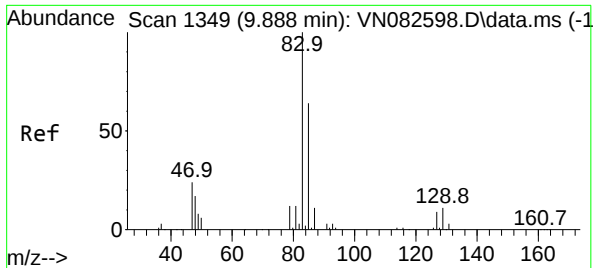
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#46
Dibromomethane
Concen: 48.598 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

Tgt Ion: 93 Resp: 85172
Ion Ratio Lower Upper
93 100
95 83.7 65.8 98.6
174 91.5 71.7 107.5





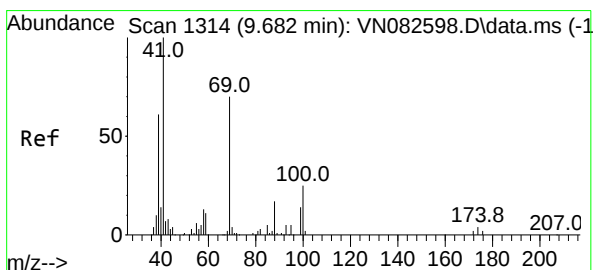
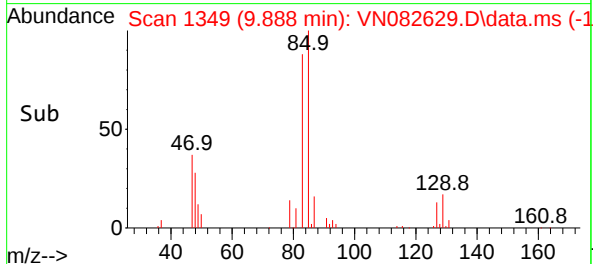
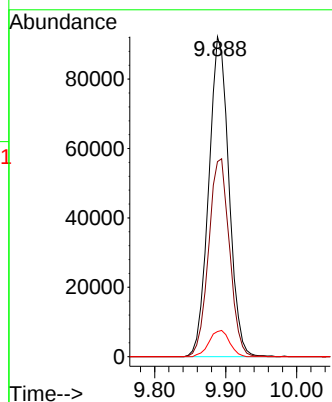
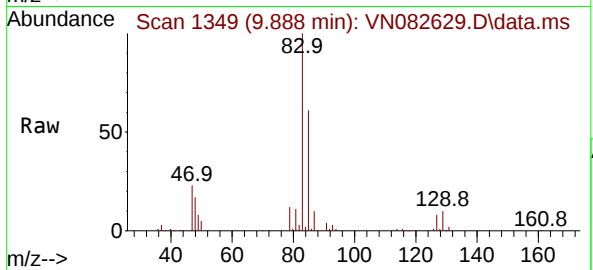
#47
Bromodichloromethane
Concen: 48.686 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 18191
Ion Ratio Lower Upper
83 100
85 60.9 51.1 76.7
127 7.8 7.2 10.8

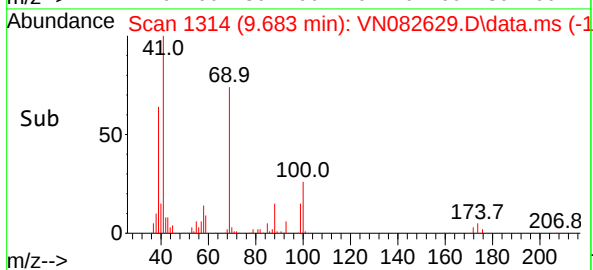
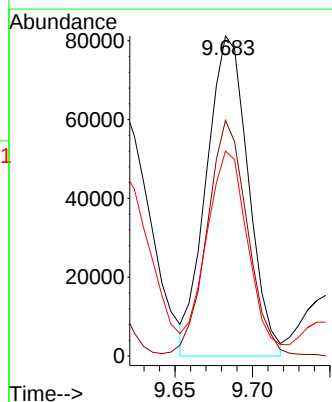
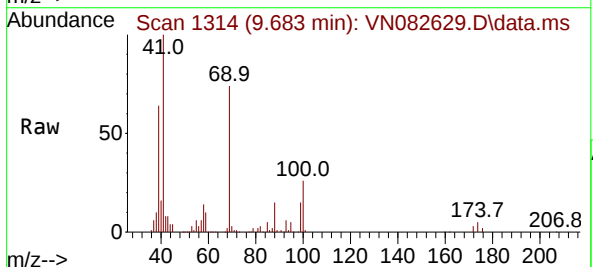
Manual Integrations
APPROVED

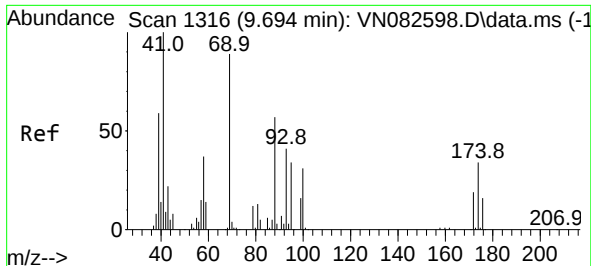
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#48
Methyl methacrylate
Concen: 47.805 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.001 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

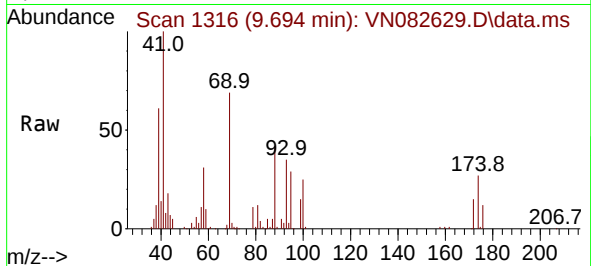
Tgt Ion: 41 Resp: 152505
Ion Ratio Lower Upper
41 100
69 71.3 56.3 84.5
39 64.5 50.3 75.5





#49
1,4-Dioxane
Concen: 948.806 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

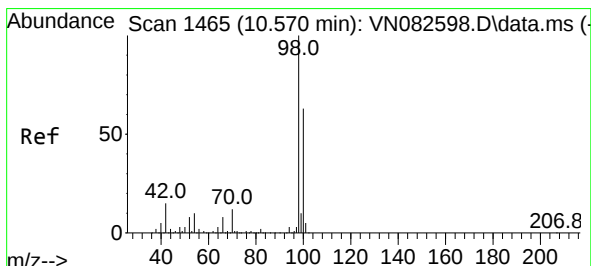
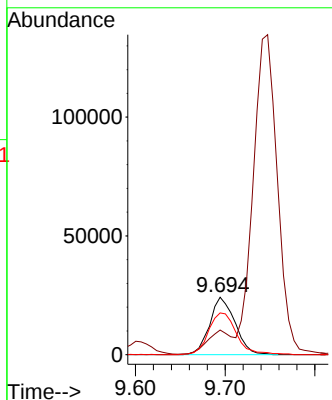
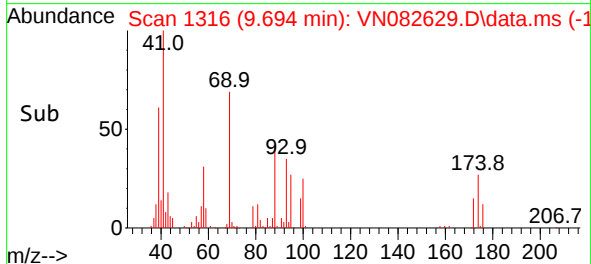
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 47345
Ion Ratio Lower Upper
88 100
43 42.9 27.8 41.8
58 80.7 59.4 89.0

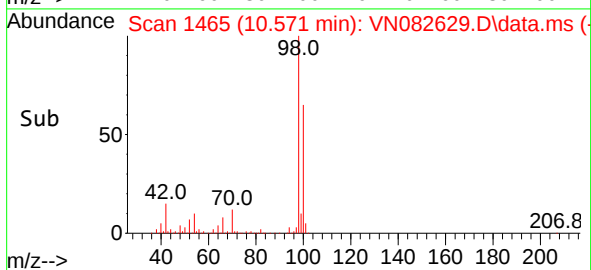
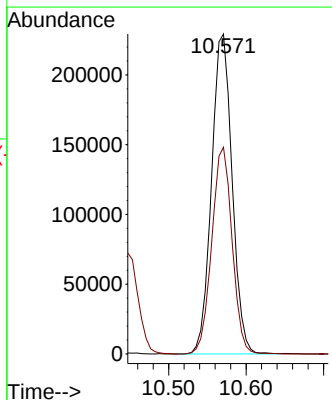
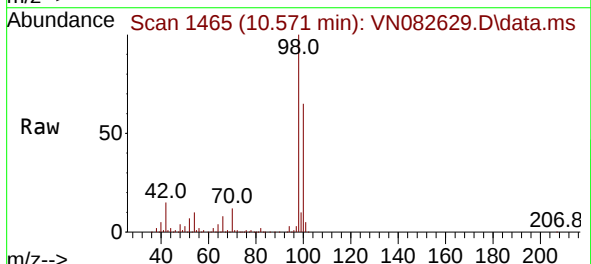
Manual Integrations
APPROVED

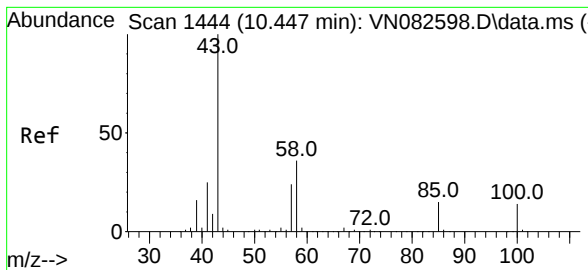
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#50
Toluene-d8
Concen: 51.468 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

Tgt Ion: 98 Resp: 423245
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3





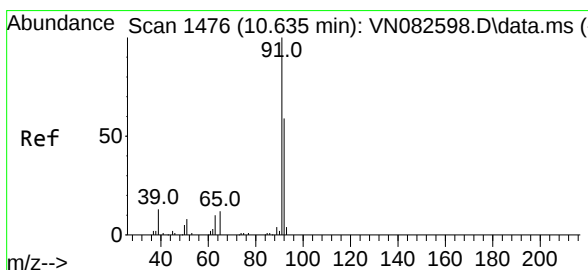
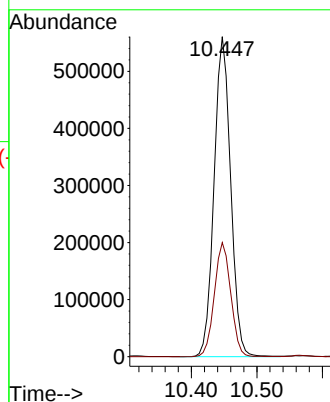
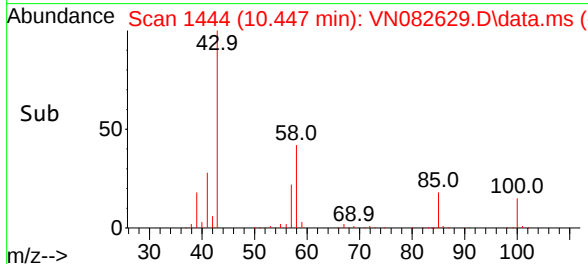
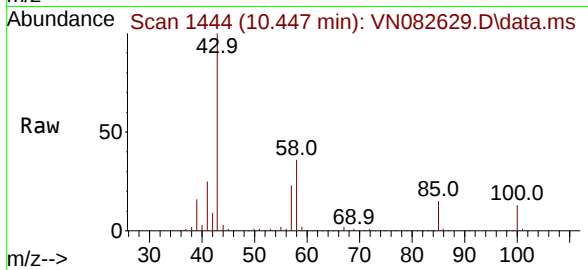
#51
4-Methyl-2-Pentanone
Concen: 247.273 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 981472
Ion Ratio Lower Upper
43 100
58 35.4 28.2 42.4

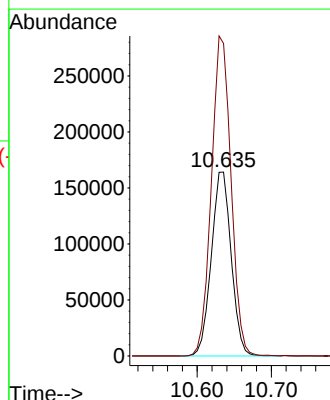
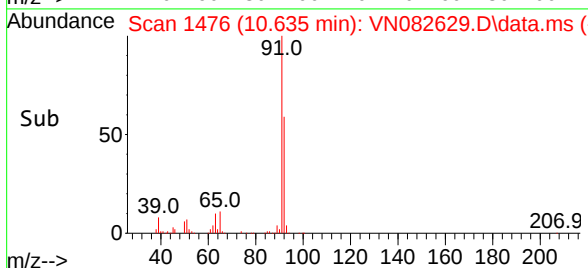
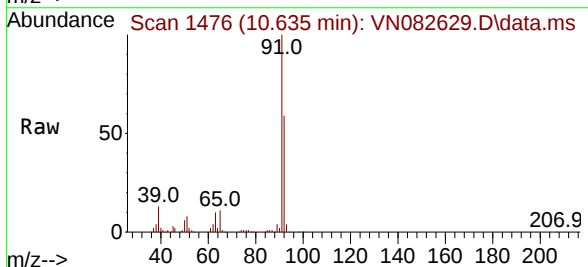
Manual Integrations
APPROVED

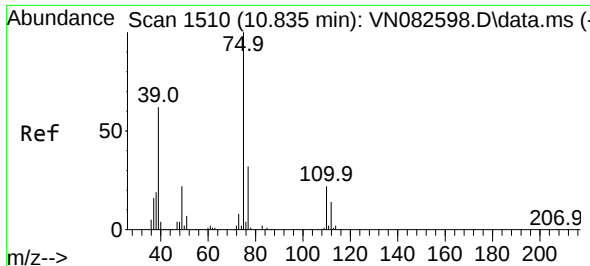
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#52
Toluene
Concen: 50.232 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

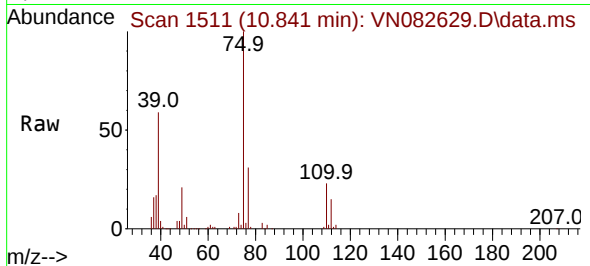
Tgt Ion: 92 Resp: 305774
Ion Ratio Lower Upper
92 100
91 171.8 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 49.506 ug/l
RT: 10.841 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

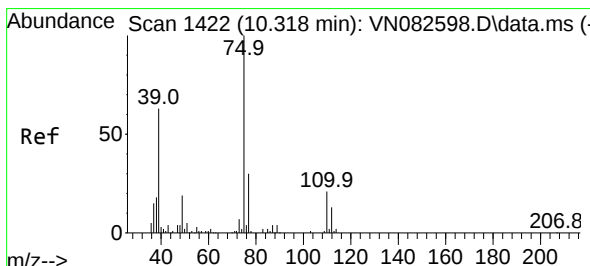
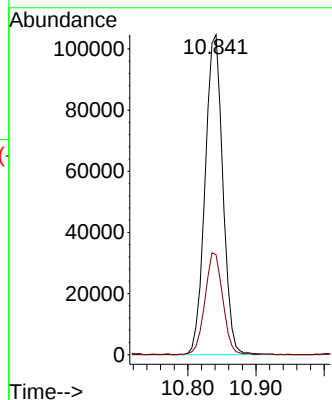
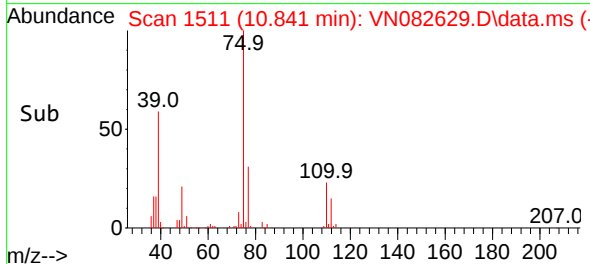
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



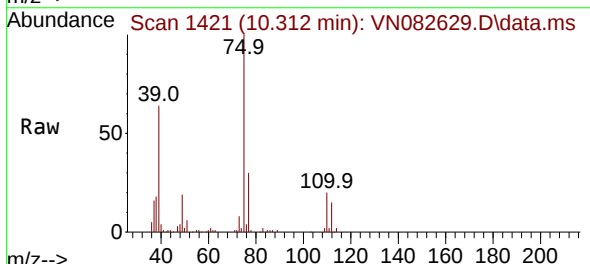
Tgt Ion: 75 Resp: 189099
Ion Ratio Lower Upper
75 100
77 31.1 25.7 38.5

Manual Integrations
APPROVED

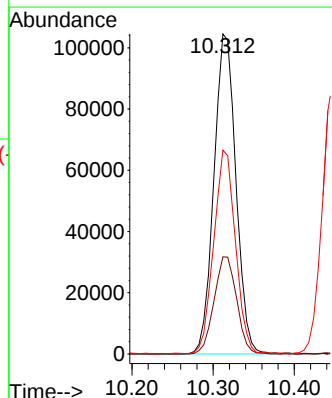
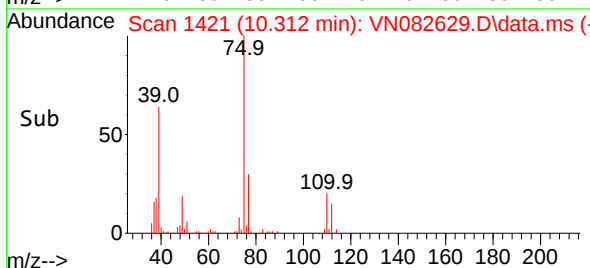
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

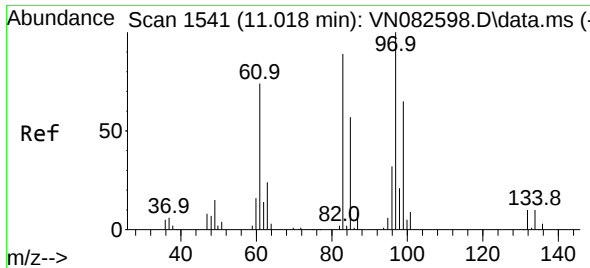


#54
cis-1,3-Dichloropropene
Concen: 49.916 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58



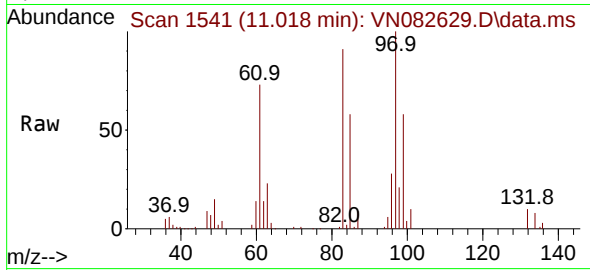
Tgt Ion: 75 Resp: 197167
Ion Ratio Lower Upper
75 100
77 30.3 24.3 36.5
39 63.5 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 51.182 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

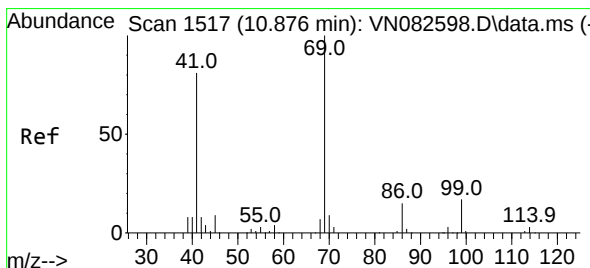
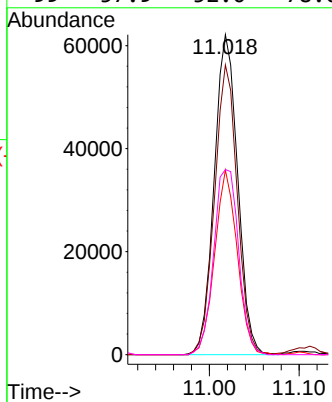
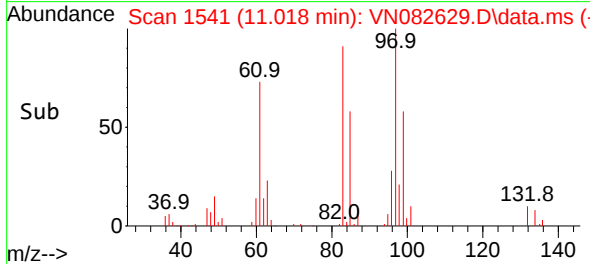
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



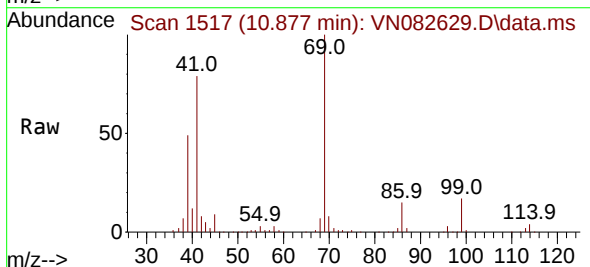
Tgt Ion: 97 Resp: 112760
Ion Ratio Lower Upper
97 100
83 90.5 71.4 107.0
85 57.7 45.8 68.6
99 57.9 52.0 78.0

Manual Integrations
APPROVED

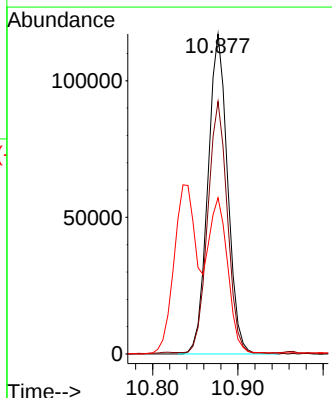
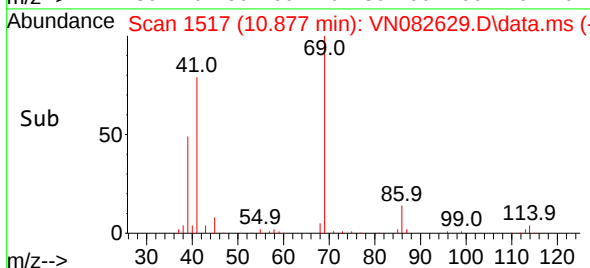
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

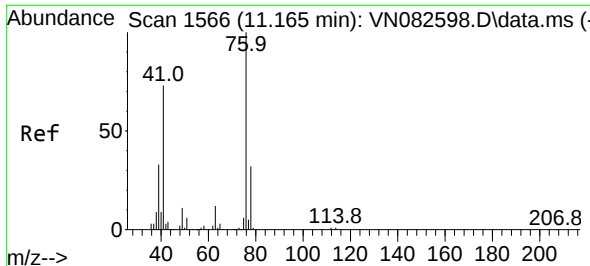


#56
Ethyl methacrylate
Concen: 51.624 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58



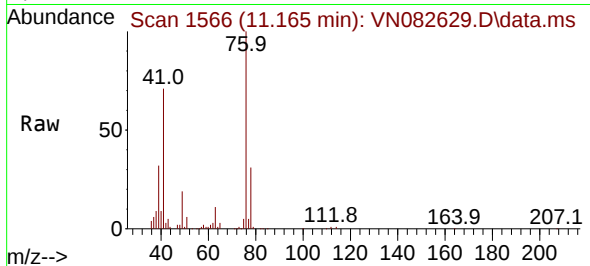
Tgt Ion: 69 Resp: 188378
Ion Ratio Lower Upper
69 100
41 77.7 63.4 95.2
39 46.6 37.4 56.0





#57
1,3-Dichloropropane
Concen: 49.571 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

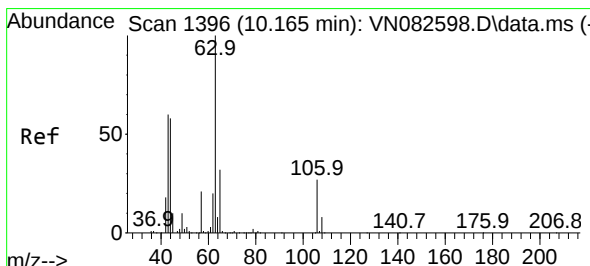
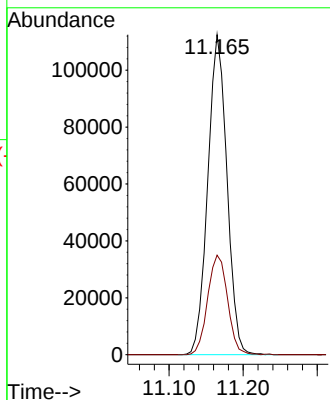
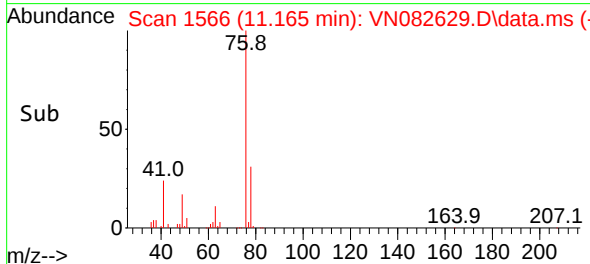
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



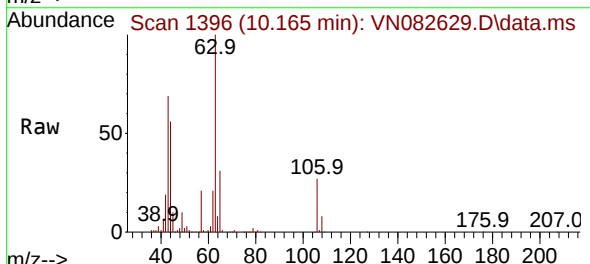
Tgt Ion: 76 Resp: 20190
Ion Ratio Lower Upper
76 100
78 32.3 25.6 38.4

Manual Integrations
APPROVED

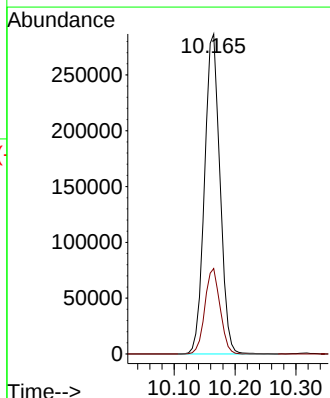
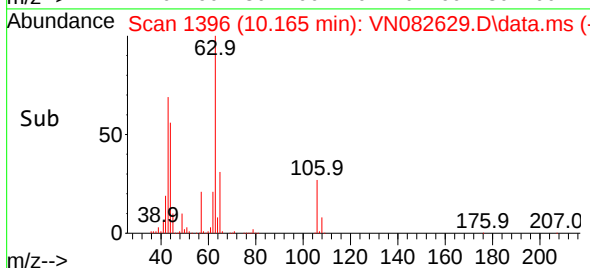
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

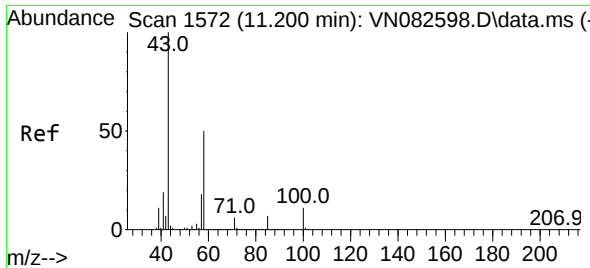


#58
2-Chloroethyl Vinyl ether
Concen: 261.216 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58



Tgt Ion: 63 Resp: 504238
Ion Ratio Lower Upper
63 100
106 26.4 21.4 32.0





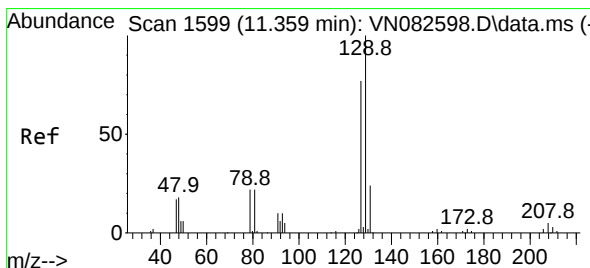
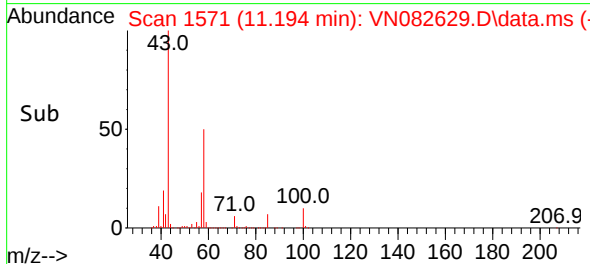
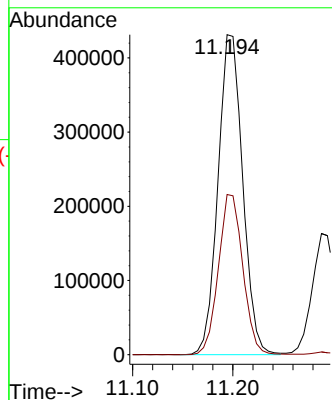
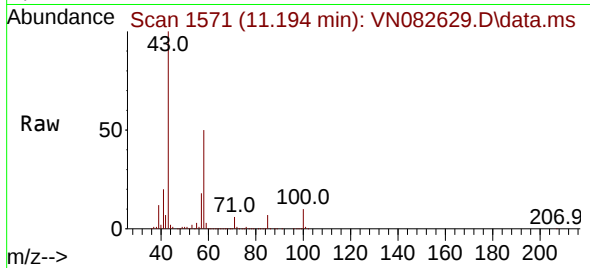
#59
2-Hexanone
Concen: 244.346 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 737135
Ion Ratio Lower Upper
43 100
58 49.5 24.6 73.8

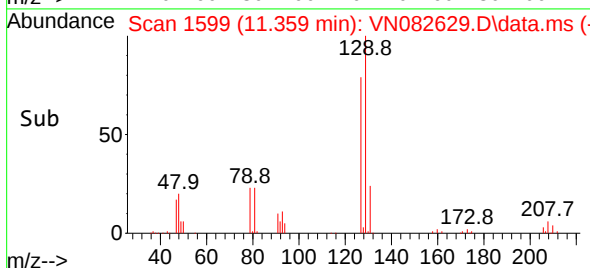
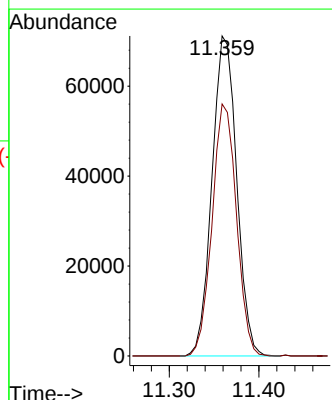
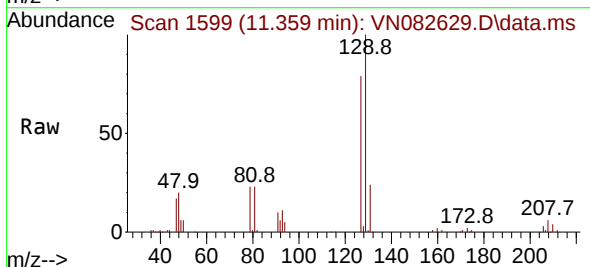
Manual Integrations
APPROVED

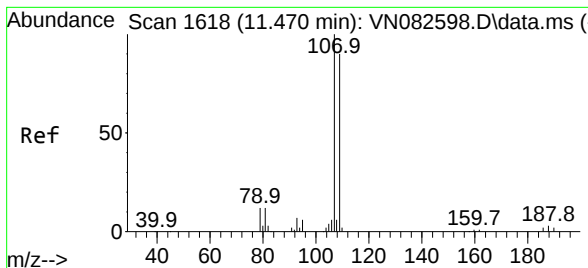
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#60
Dibromochloromethane
Concen: 50.520 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

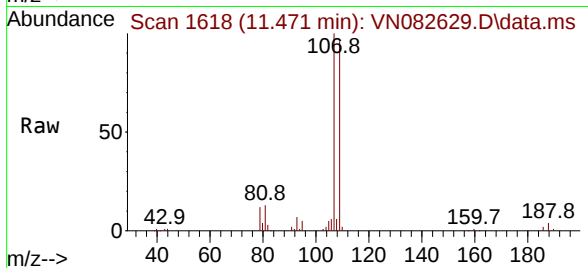
Tgt Ion:129 Resp: 135872
Ion Ratio Lower Upper
129 100
127 77.7 39.2 117.6





#61
1,2-Dibromoethane
Concen: 48.800 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

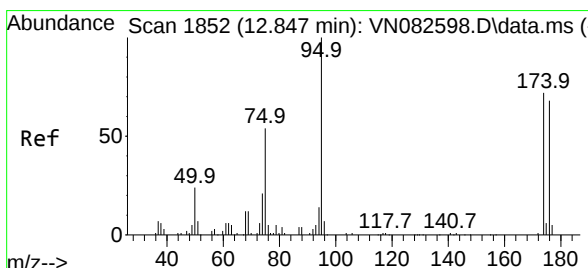
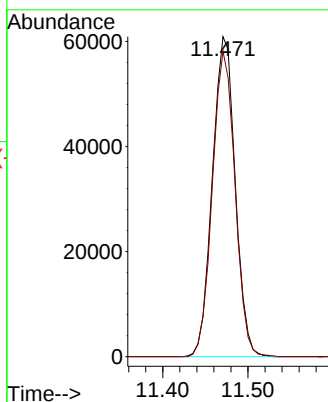
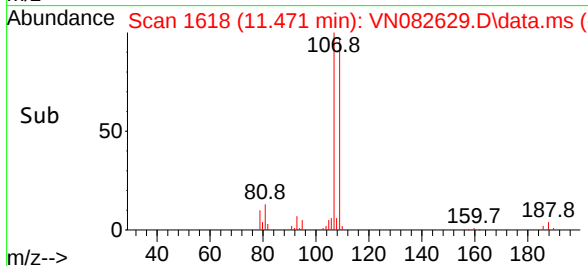
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



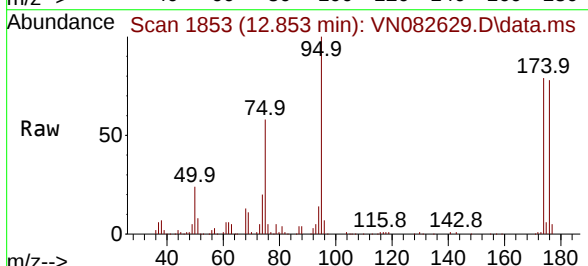
Tgt Ion:107 Resp: 113359
Ion Ratio Lower Upper
107 100
109 94.6 73.7 110.5

Manual Integrations
APPROVED

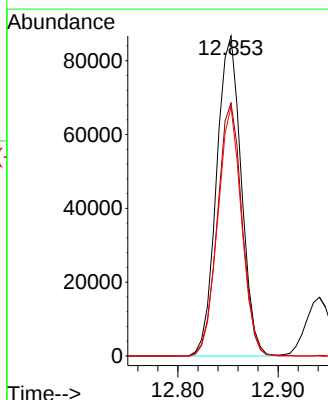
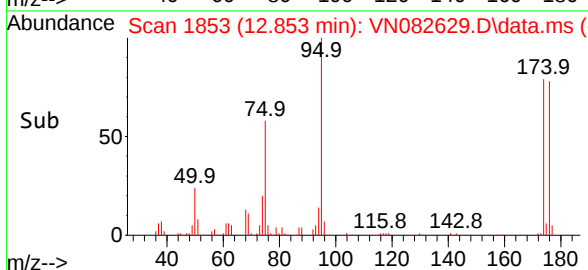
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

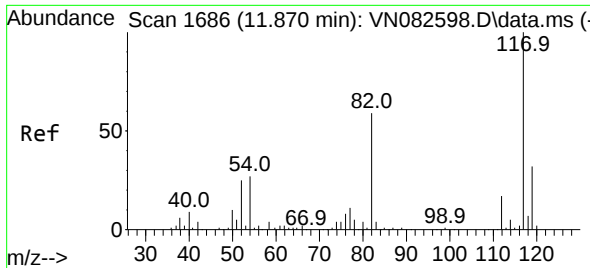


#62
4-Bromofluorobenzene
Concen: 52.356 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58



Tgt Ion: 95 Resp: 148436
Ion Ratio Lower Upper
95 100
174 78.4 0.0 159.2
176 75.2 0.0 147.6





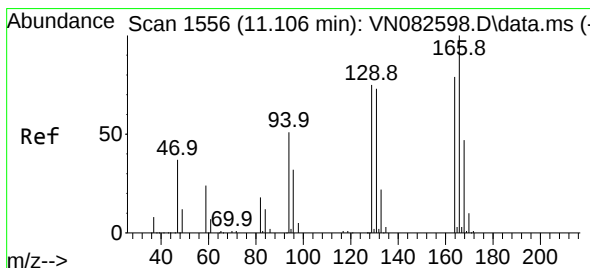
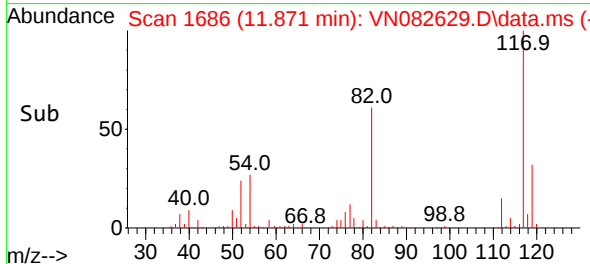
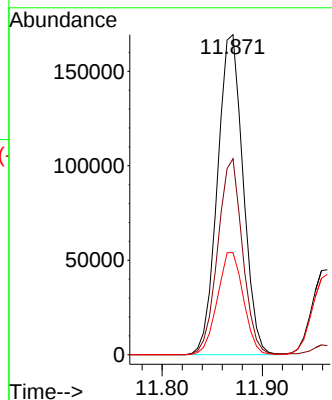
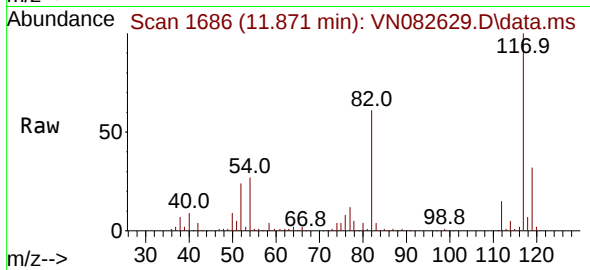
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 30098
Ion Ratio Lower Upper
117 100
82 61.2 47.5 71.3
119 31.9 25.6 38.4

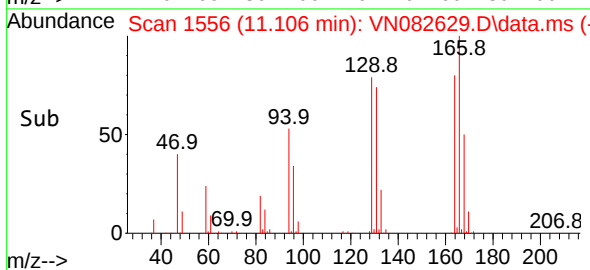
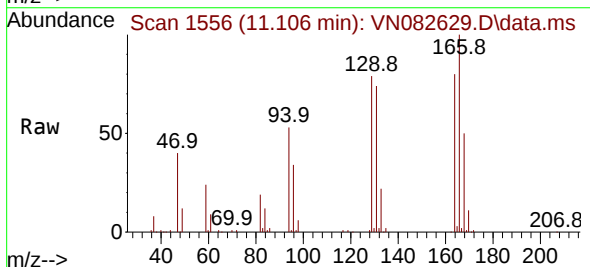
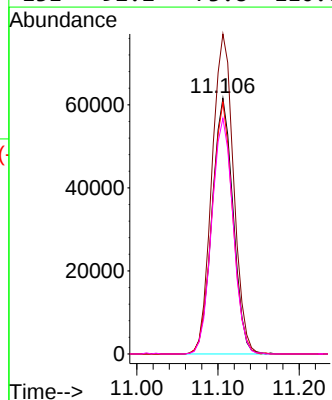
Manual Integrations
APPROVED

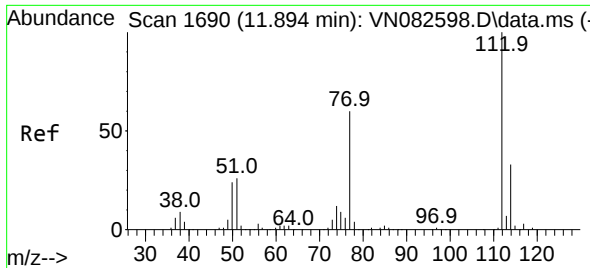
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#64
Tetrachloroethene
Concen: 44.606 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

Tgt Ion:164 Resp: 110697
Ion Ratio Lower Upper
164 100
166 125.2 101.4 152.0
129 98.5 75.7 113.5
131 92.2 73.8 110.6





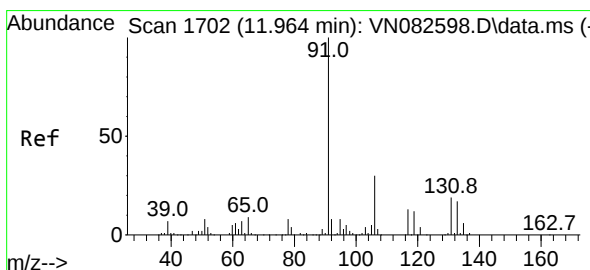
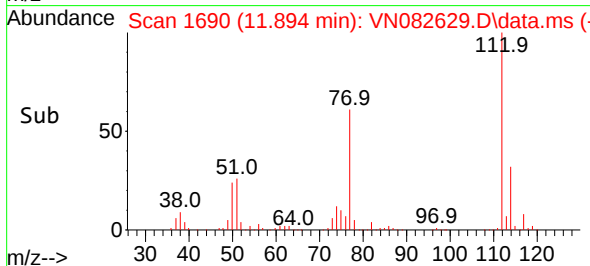
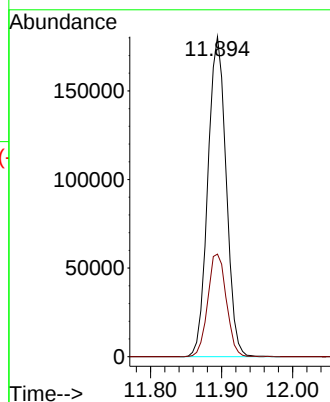
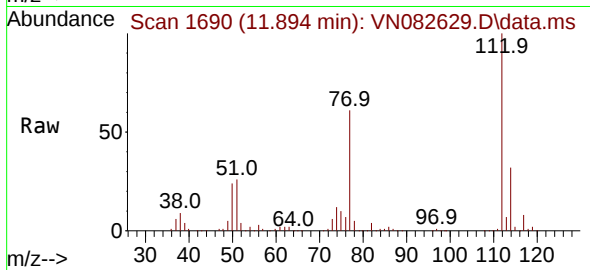
#65
Chlorobenzene
Concen: 46.814 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 32311
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.2

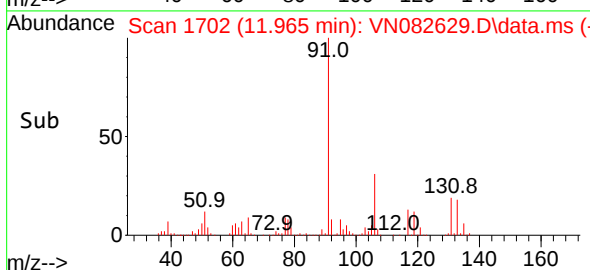
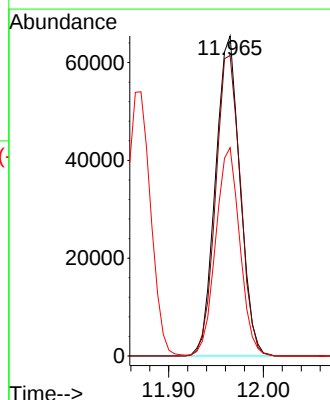
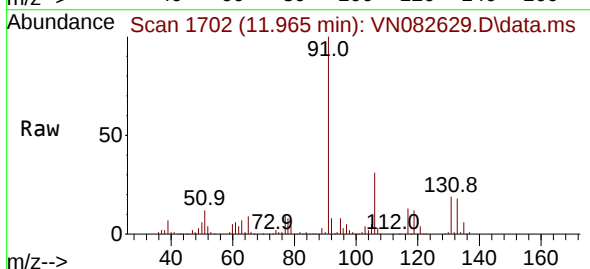
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 47.720 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

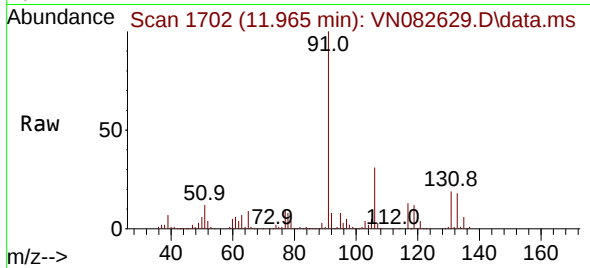
Tgt Ion:131 Resp: 117445
Ion Ratio Lower Upper
131 100
133 95.1 47.3 142.0
119 64.3 32.5 97.4





#67
Ethyl Benzene
Concen: 49.216 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

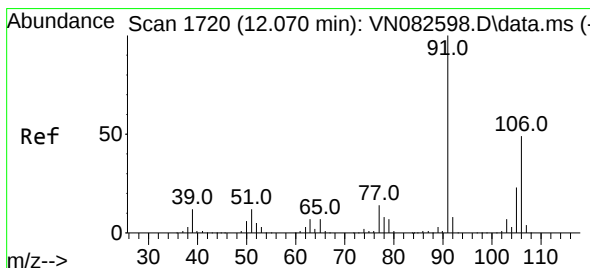
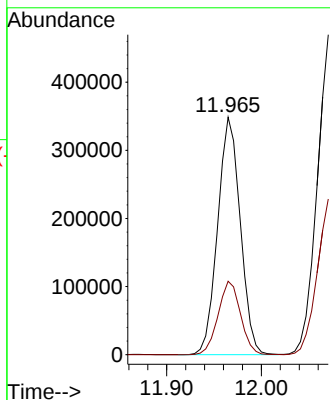
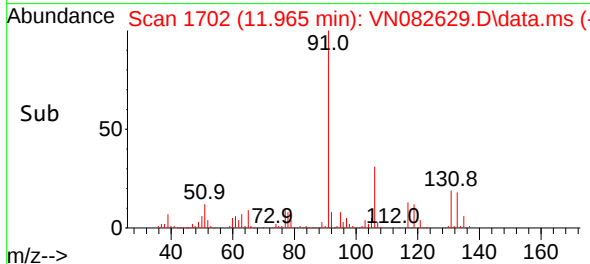
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 57880
Ion Ratio Lower Upper
91 100
106 30.9 24.0 36.0

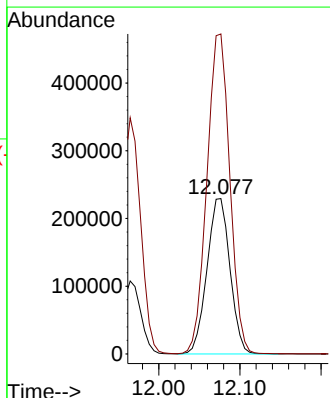
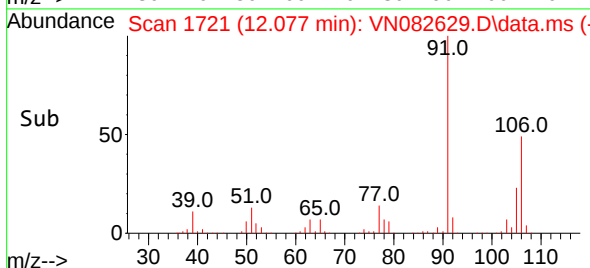
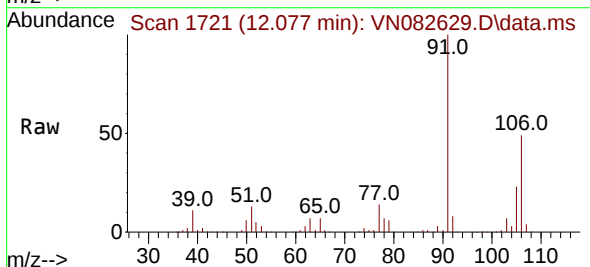
Manual Integrations
APPROVED

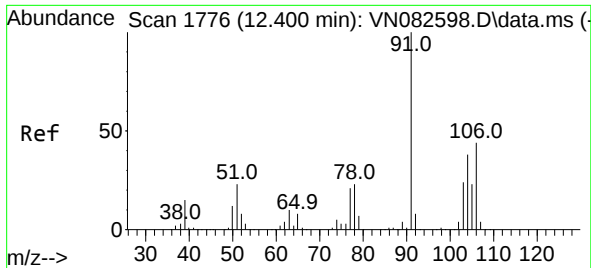
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#68
m/p-Xylenes
Concen: 103.179 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

Tgt Ion:106 Resp: 451432
Ion Ratio Lower Upper
106 100
91 205.2 166.1 249.1





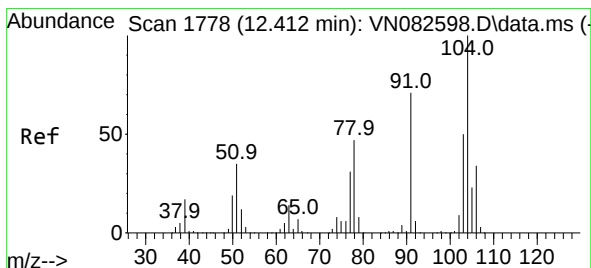
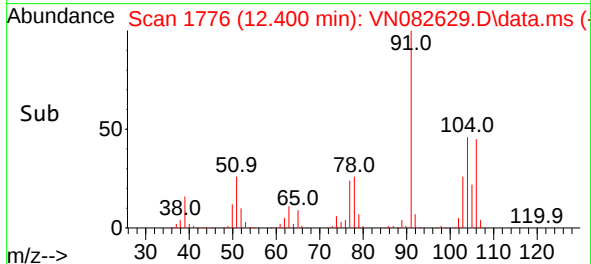
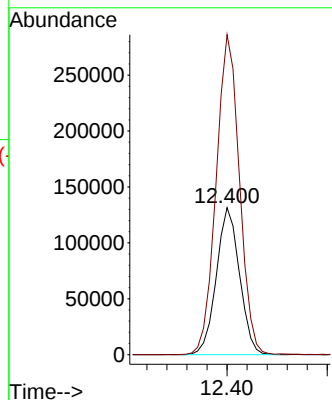
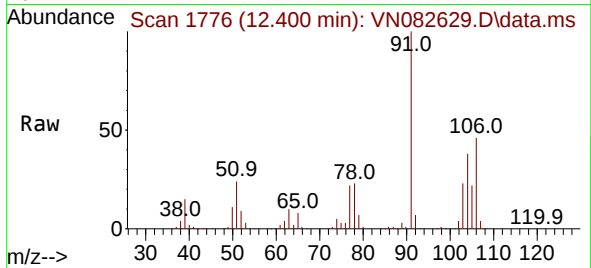
#69
o-Xylene
Concen: 51.218 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 21053
Ion Ratio Lower Upper
106 100
91 219.9 111.3 333.9

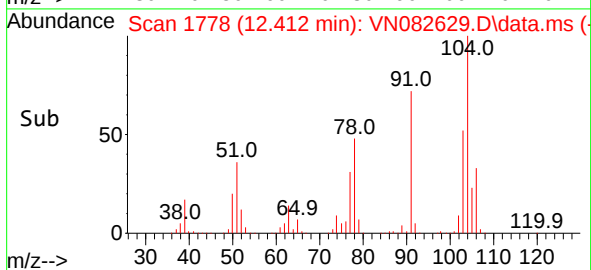
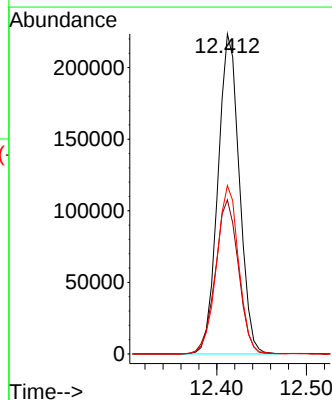
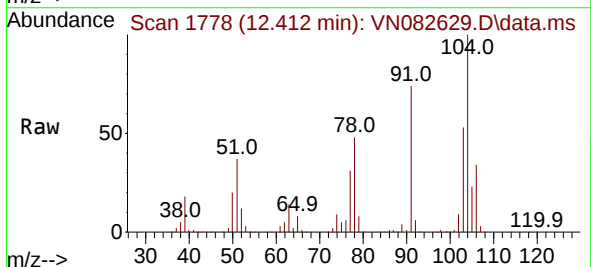
Manual Integrations
APPROVED

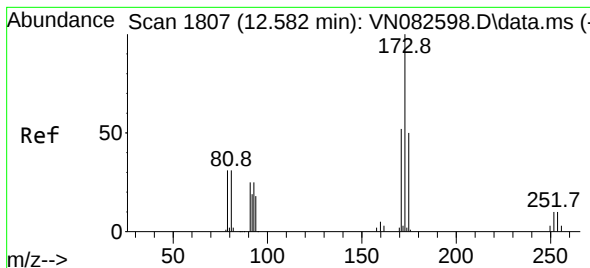
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#70
Styrene
Concen: 53.135 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

Tgt Ion:104 Resp: 370703
Ion Ratio Lower Upper
104 100
78 51.9 41.6 62.4
103 54.3 44.0 66.0





#71

Bromoform

Concen: 48.795 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN082629.D

Acq: 19 Jun 2024 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

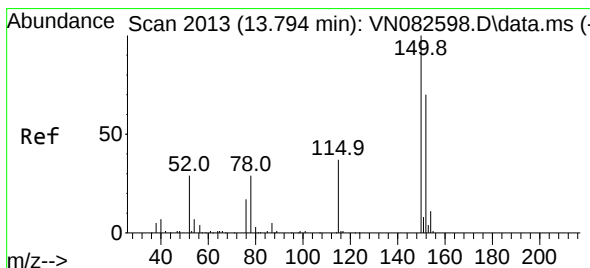
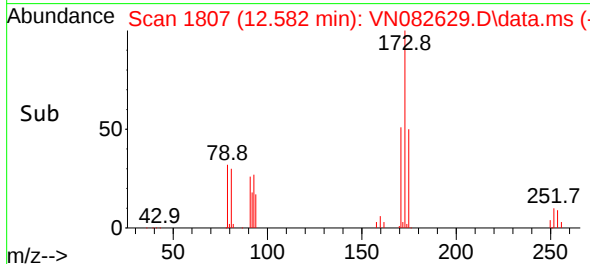
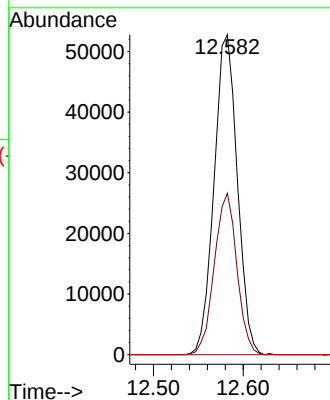
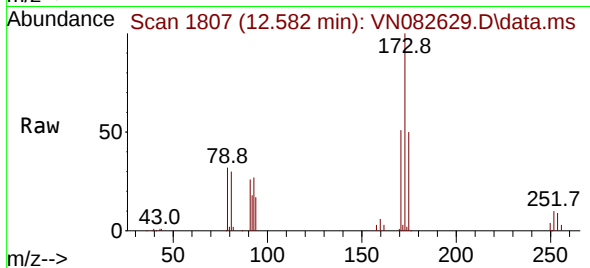
Tgt Ion:	173	Resp:	9494
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.0	72.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

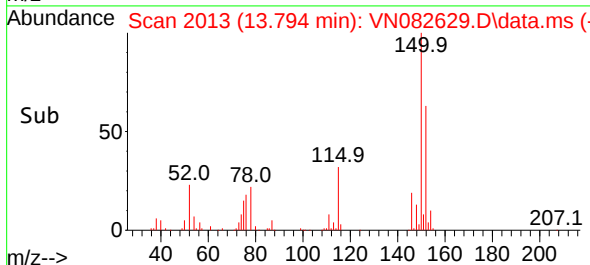
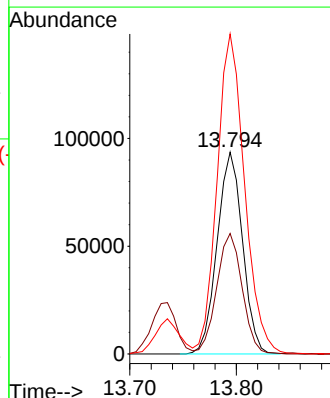
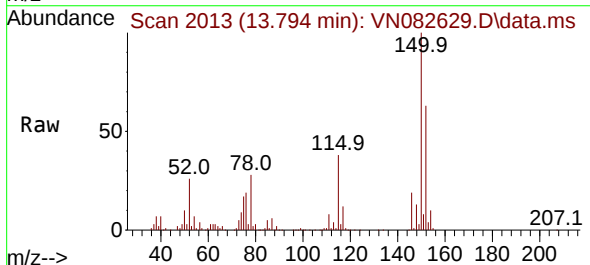
RT: 13.794 min Scan# 2013

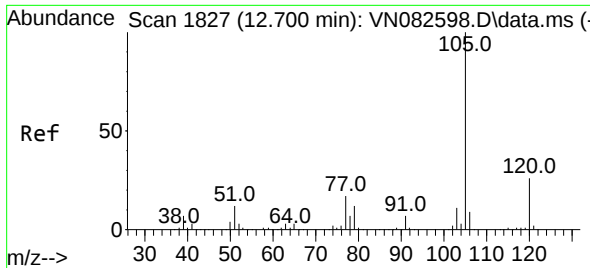
Delta R.T. 0.000 min

Lab File: VN082629.D

Acq: 19 Jun 2024 09:58

Tgt Ion:	152	Resp:	154959
Ion Ratio	Lower	Upper	
152	100		
115	59.9	30.6	91.6
150	171.9	0.0	348.6





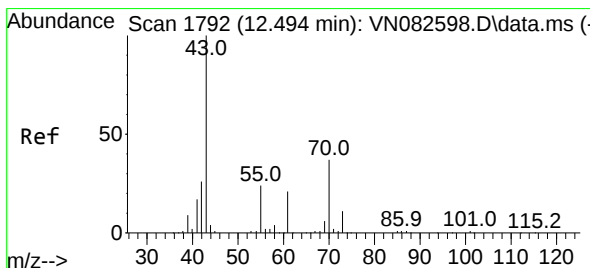
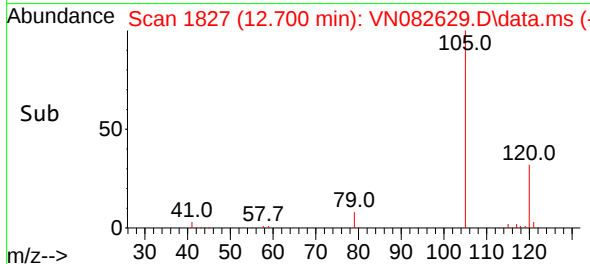
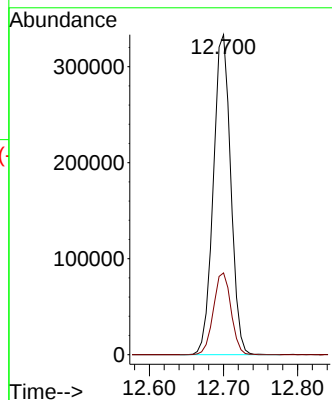
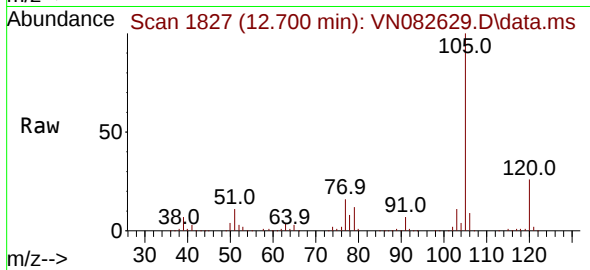
#73
Isopropylbenzene
Concen: 46.080 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 542218
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.6

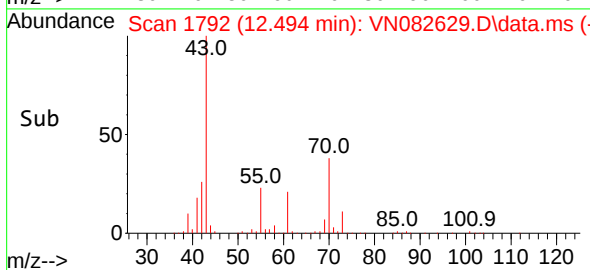
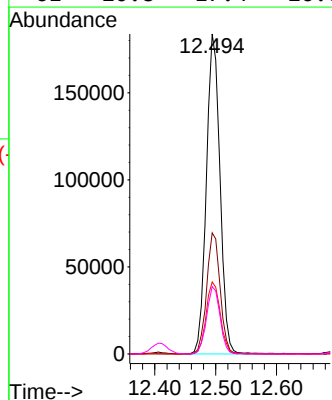
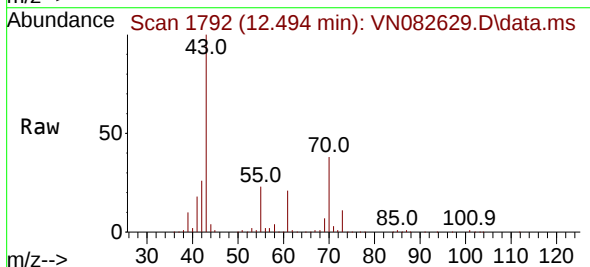
Manual Integrations
APPROVED

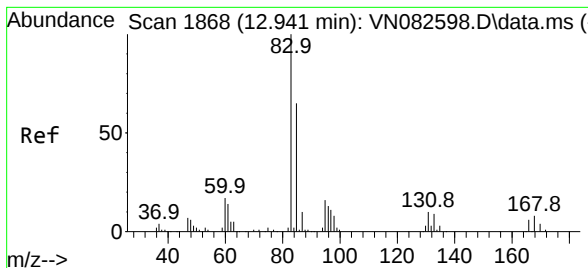
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#74
N-ethyl acetate
Concen: 45.423 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

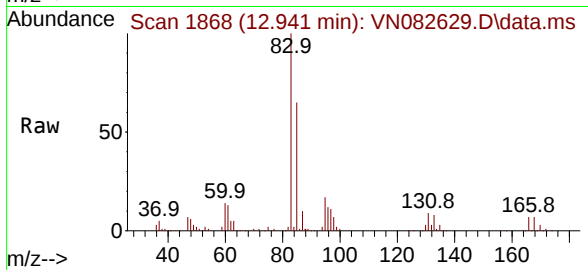
Tgt Ion: 43 Resp: 285252
Ion Ratio Lower Upper
43 100
70 37.5 29.8 44.6
55 23.3 18.7 28.1
61 20.8 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 42.126 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

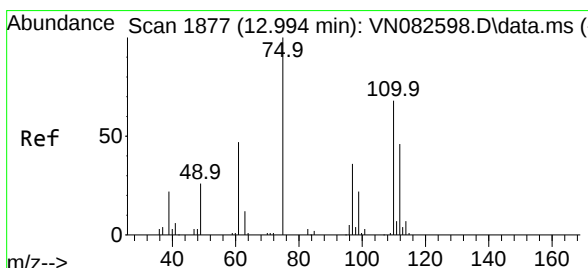
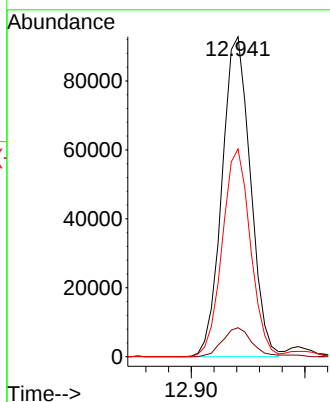
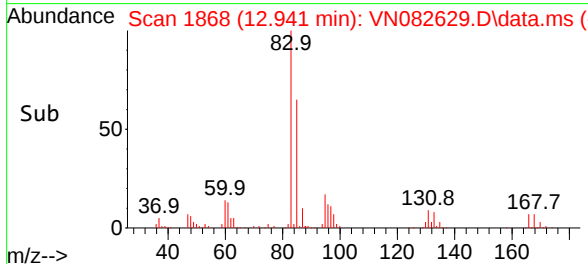
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 16169
Ion Ratio Lower Upper
83 100
131 9.5 5.0 14.9
85 64.3 31.9 95.7

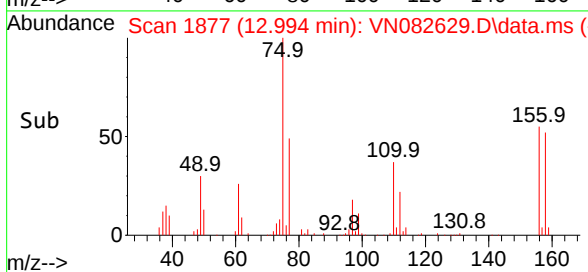
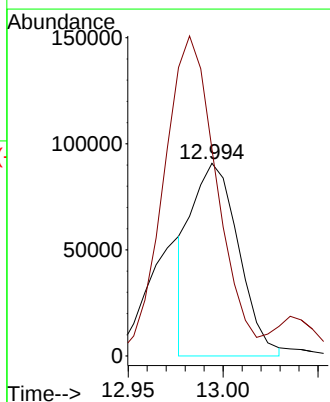
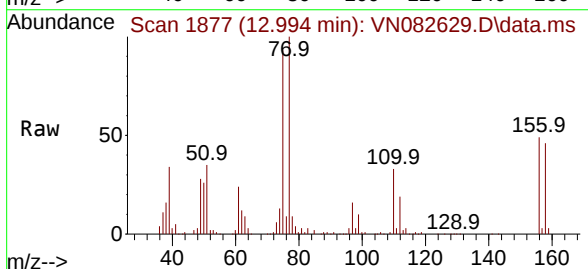
Manual Integrations
APPROVED

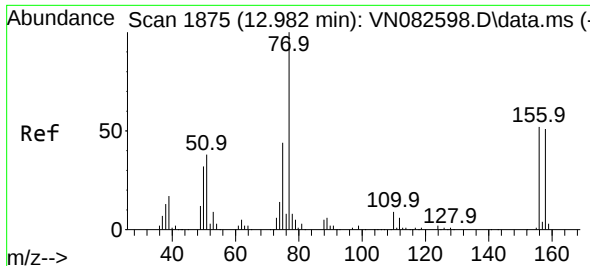
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#76
1,2,3-Trichloropropane
Concen: 41.375 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

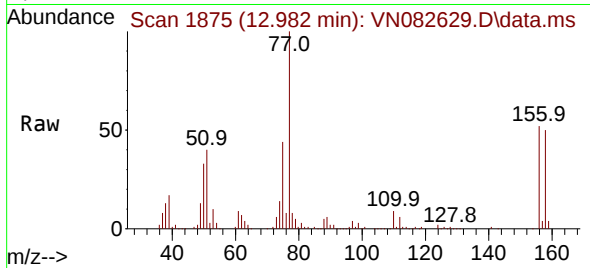
Tgt Ion: 75 Resp: 156812
Ion Ratio Lower Upper
75 100
77 187.7 110.9 332.6





#77
Bromobenzene
Concen: 44.304 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

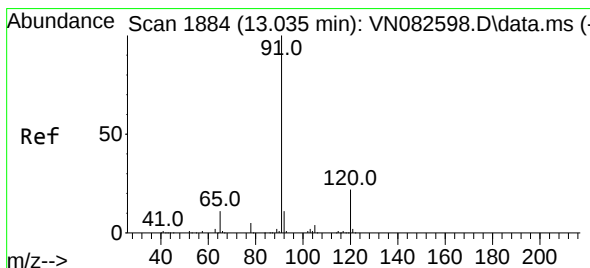
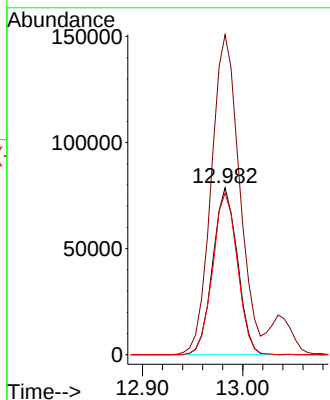
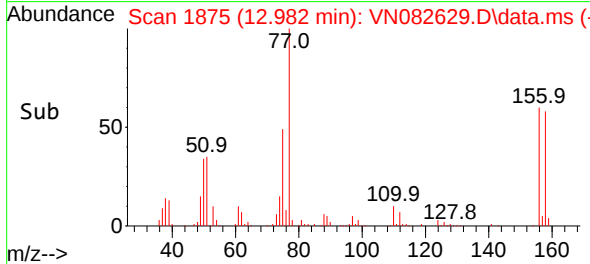
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 134188
Ion Ratio Lower Upper
156 100
77 219.4 111.3 333.8
158 97.2 48.3 144.9

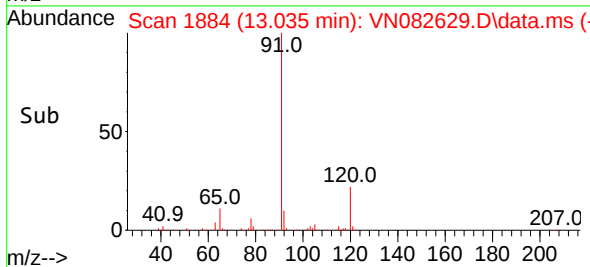
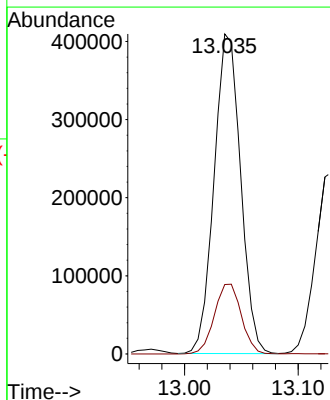
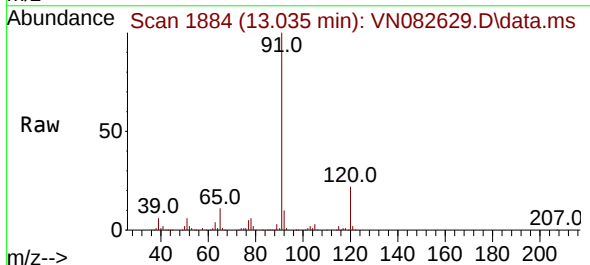
Manual Integrations
APPROVED

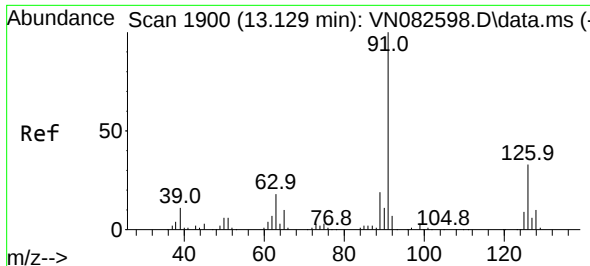
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#78
n-propylbenzene
Concen: 47.695 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

Tgt Ion: 91 Resp: 663851
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.9





#79
2-Chlorotoluene
Concen: 45.477 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

Instrument :

MSVOA_N

ClientSampleId :

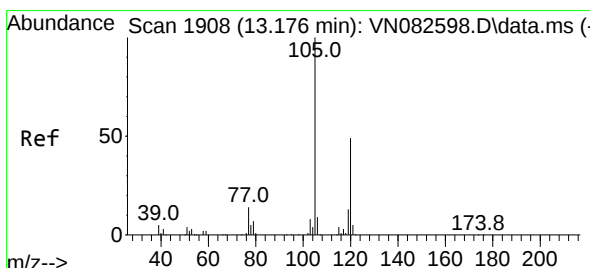
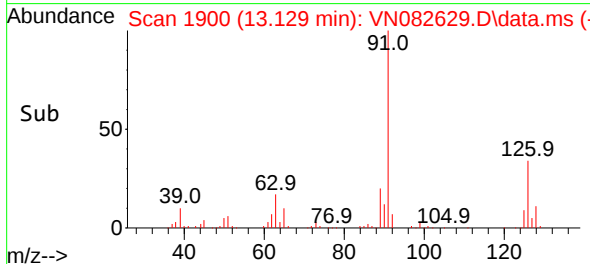
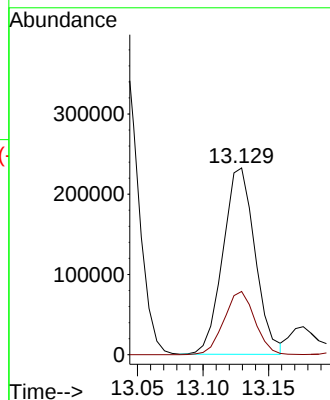
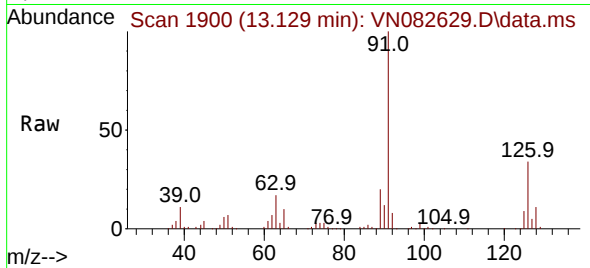
VSTDCCC050

Tgt Ion: 91 Resp: 396952
Ion Ratio Lower Upper
91 100
126 32.6 16.2 48.6

Manual Integrations

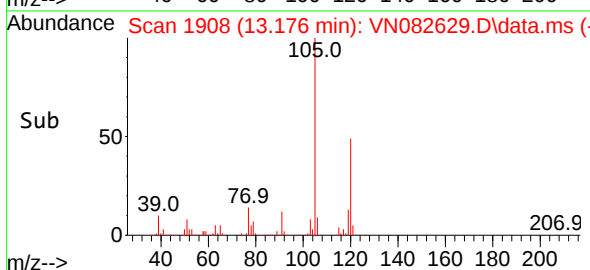
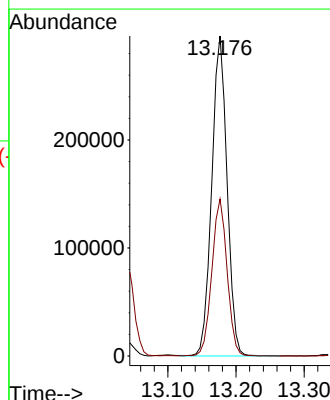
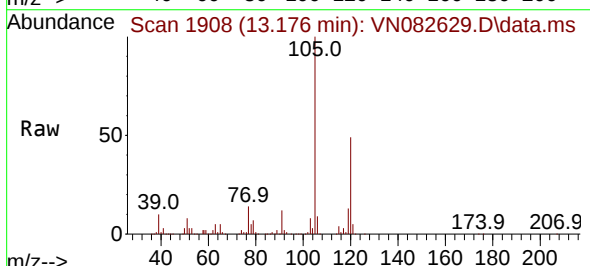
APPROVED

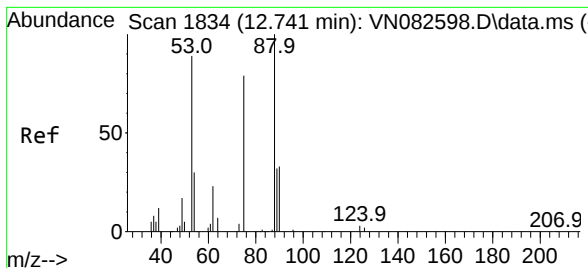
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#80
1,3,5-Trimethylbenzene
Concen: 48.555 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

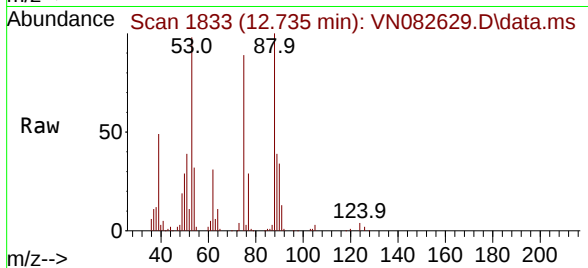
Tgt Ion:105 Resp: 463661
Ion Ratio Lower Upper
105 100
120 48.8 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 47.030 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

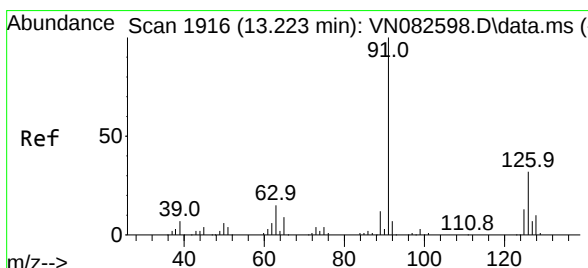
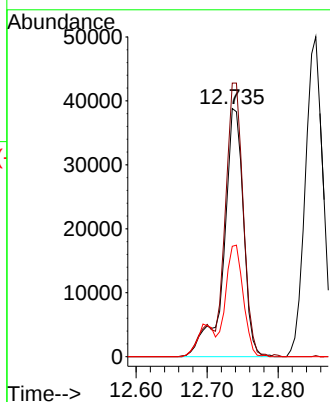
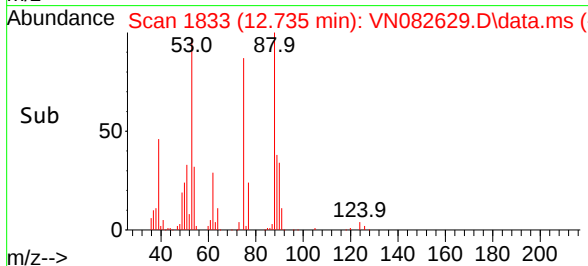
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 74504
Ion Ratio Lower Upper
75 100
53 109.4 88.4 132.6
89 40.4 36.3 54.5

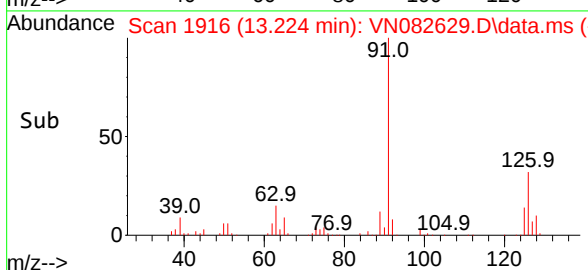
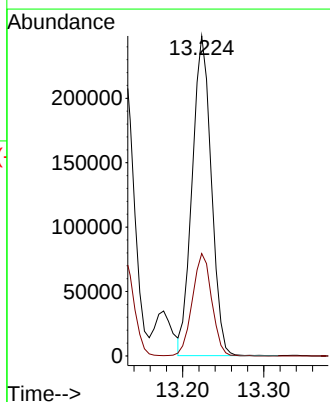
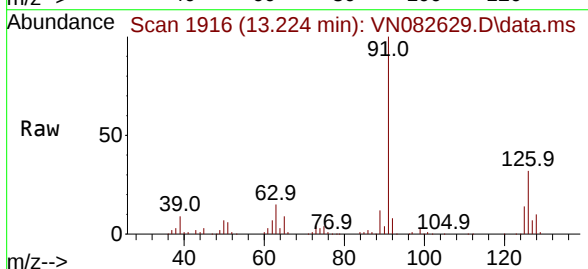
Manual Integrations
APPROVED

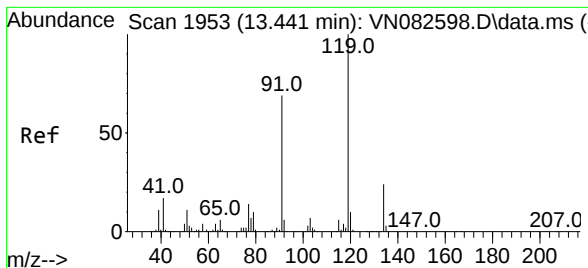
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#82
4-Chlorotoluene
Concen: 46.482 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

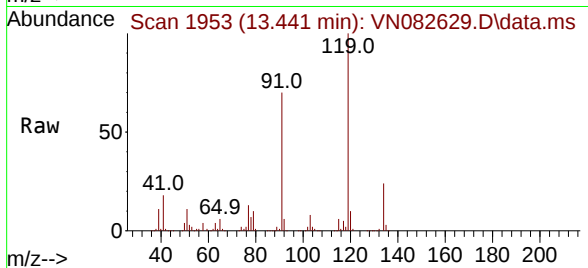
Tgt Ion: 91 Resp: 405304
Ion Ratio Lower Upper
91 100
126 32.6 16.2 48.6





#83
tert-Butylbenzene
Concen: 46.969 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

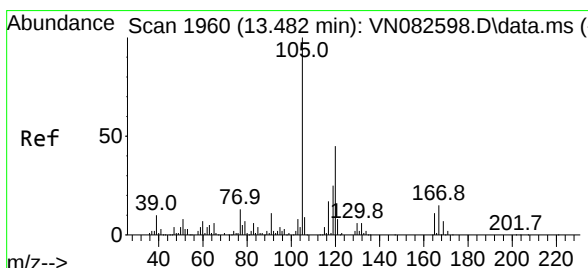
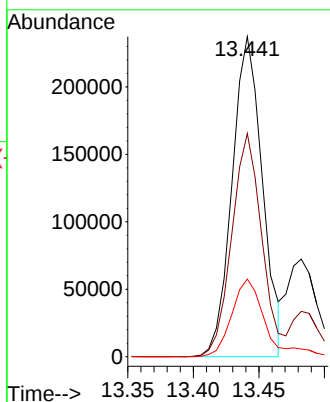
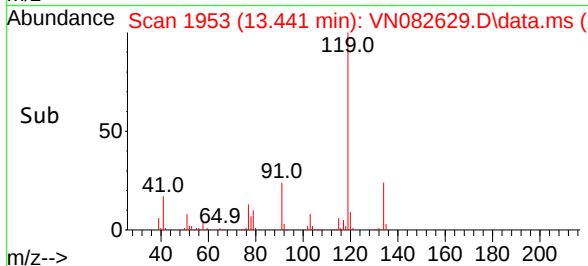
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 38204
Ion Ratio Lower Upper
119 100
91 69.4 35.0 105.1
134 26.6 13.3 39.8

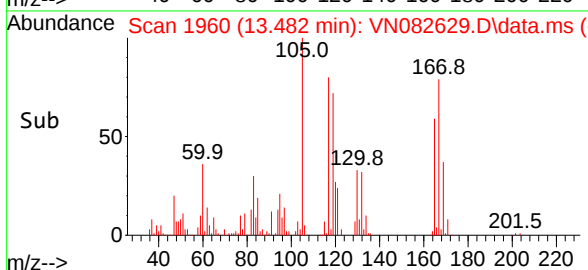
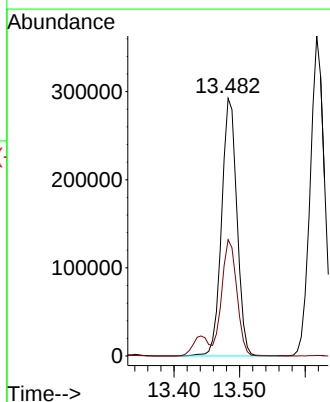
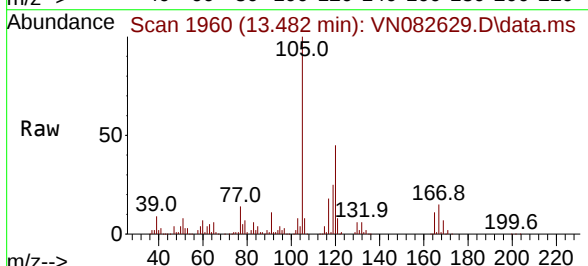
Manual Integrations
APPROVED

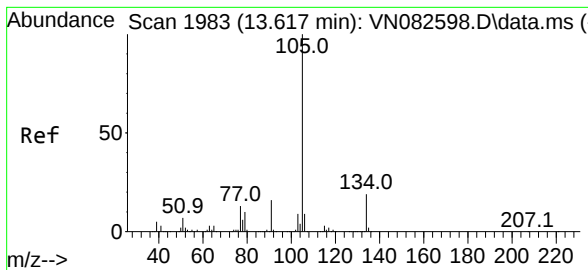
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#84
1,2,4-Trimethylbenzene
Concen: 49.364 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

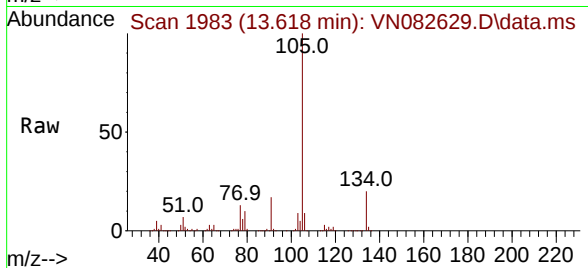
Tgt Ion:105 Resp: 472867
Ion Ratio Lower Upper
105 100
120 44.1 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 47.696 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN082629.D
 Acq: 19 Jun 2024 09:58

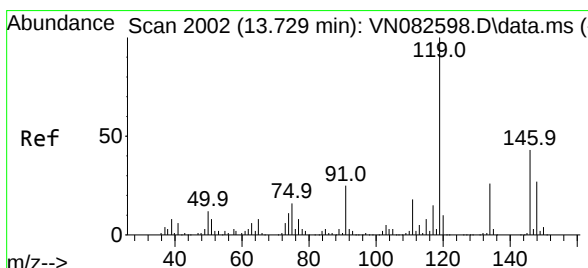
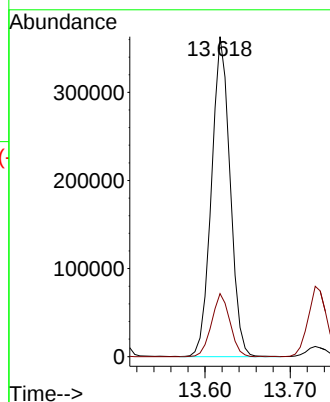
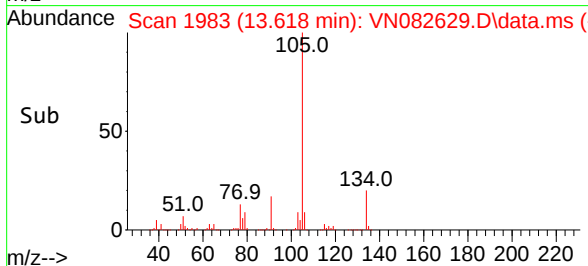
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



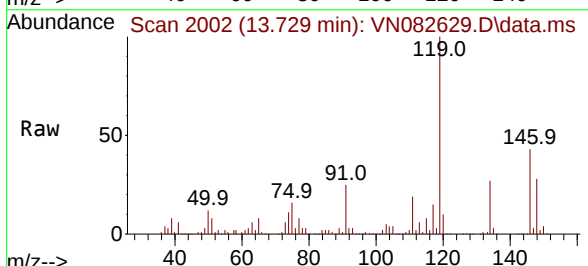
Tgt Ion:105 Resp: 55099
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

Manual Integrations
 APPROVED

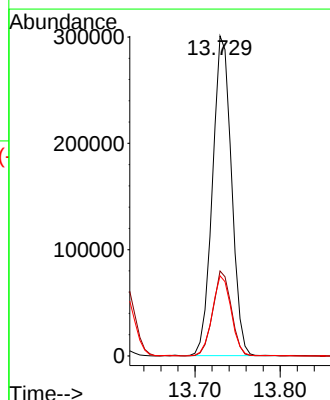
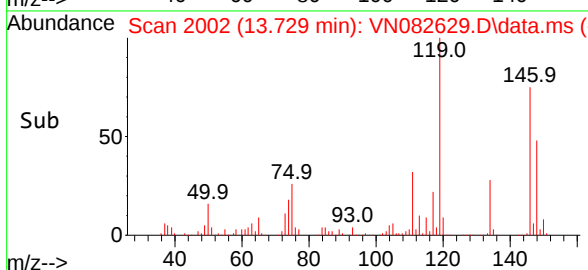
Reviewed By :John Carlone 06/20/2024
 Supervised By :Mahesh Dadoda 06/20/2024

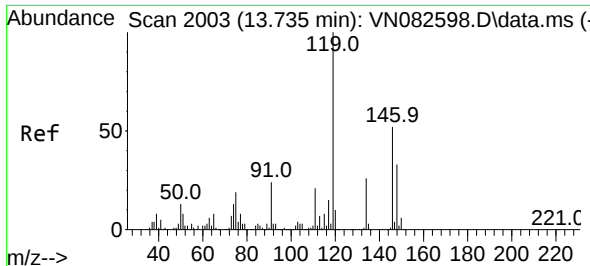


#86
 p-Isopropyltoluene
 Concen: 50.036 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082629.D
 Acq: 19 Jun 2024 09:58



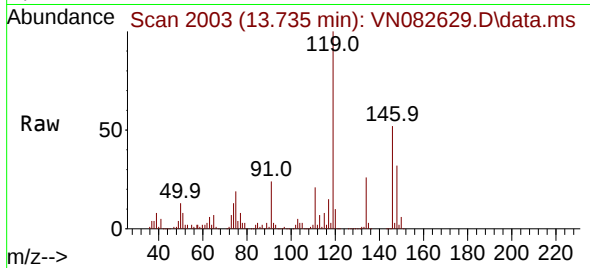
Tgt Ion:119 Resp: 465470
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 24.8 12.3 36.9





#87
1,3-Dichlorobenzene
Concen: 45.433 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

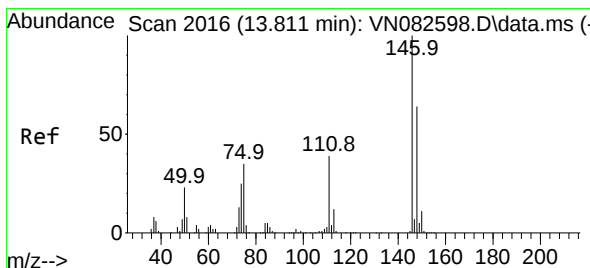
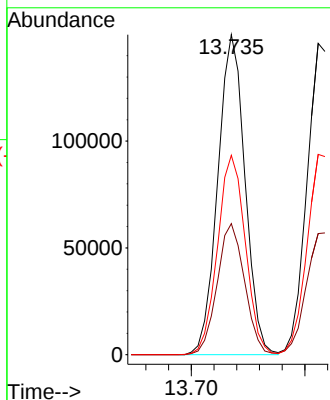
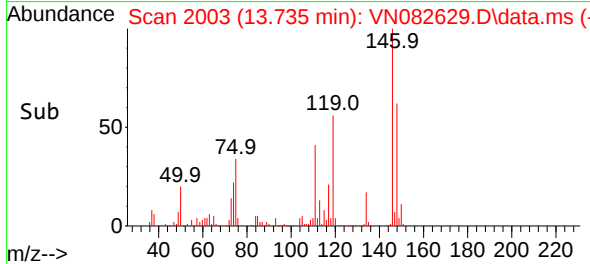
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



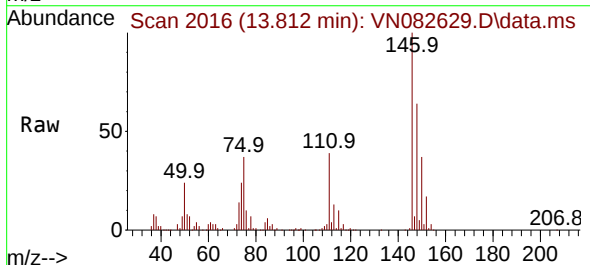
Tgt Ion:146 Resp: 249502
Ion Ratio Lower Upper
146 100
111 41.4 20.6 61.9
148 63.7 31.8 95.3

Manual Integrations
APPROVED

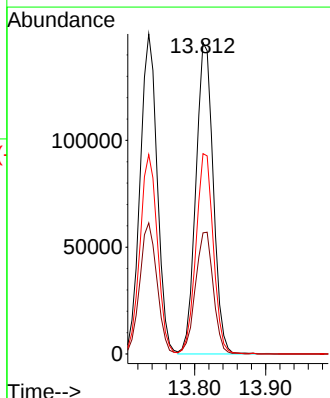
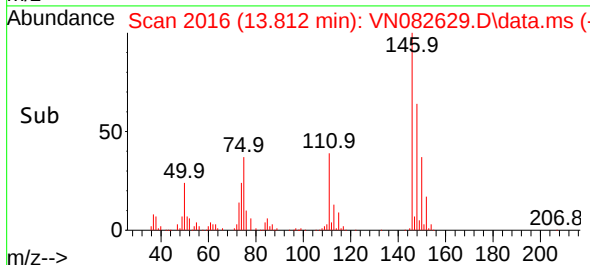
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

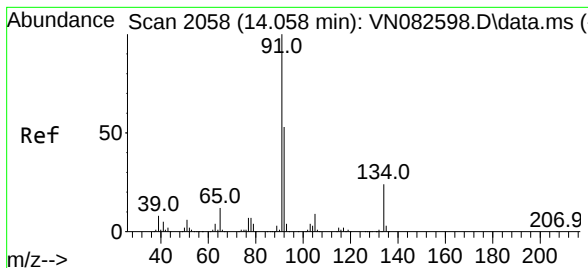


#88
1,4-Dichlorobenzene
Concen: 43.268 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58



Tgt Ion:146 Resp: 248362
Ion Ratio Lower Upper
146 100
111 40.4 20.1 60.3
148 64.2 32.2 96.6





#89

n-Butylbenzene

Concen: 48.100 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN082629.D

Acq: 19 Jun 2024 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

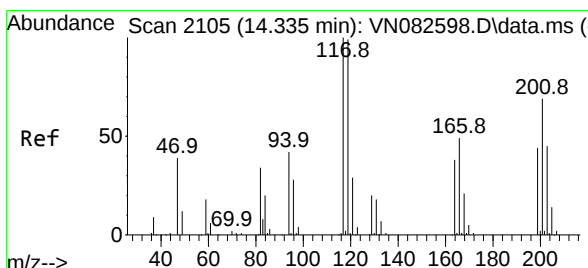
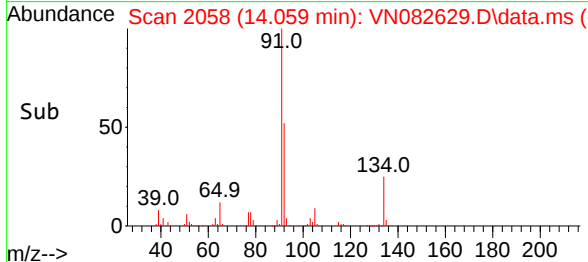
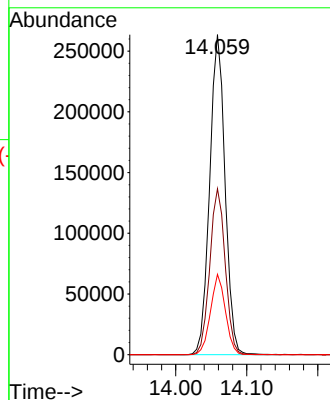
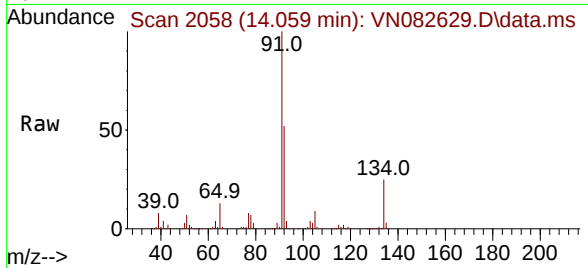
Tgt Ion: 91	Resp: 39691
Ion Ratio	Lower Upper
91	100
92	52.0 26.1 78.3
134	24.4 12.1 36.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#90

Hexachloroethane

Concen: 44.485 ug/l

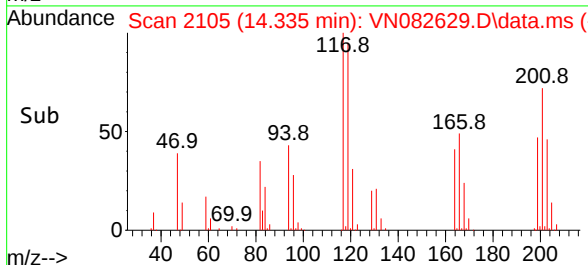
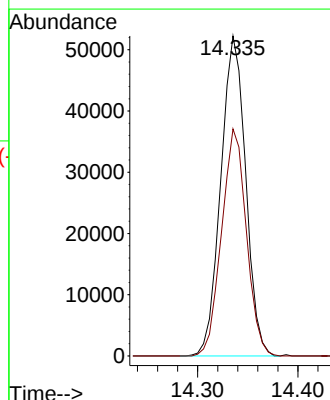
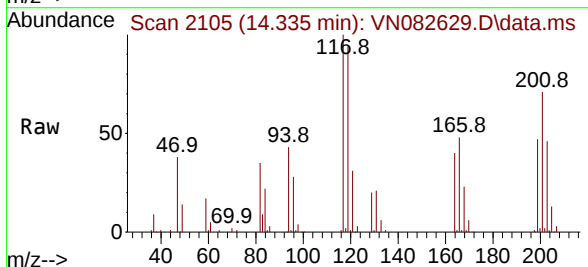
RT: 14.335 min Scan# 2105

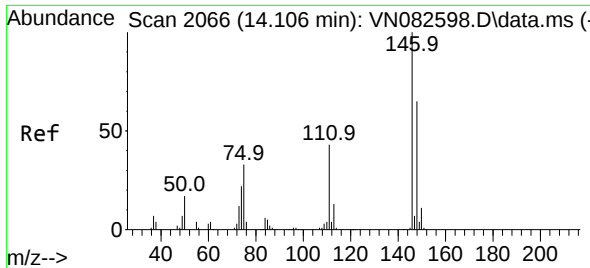
Delta R.T. 0.000 min

Lab File: VN082629.D

Acq: 19 Jun 2024 09:58

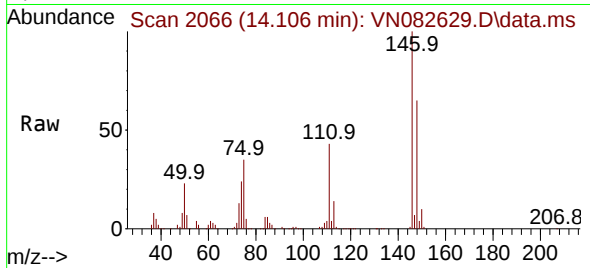
Tgt Ion: 117	Resp: 90040
Ion Ratio	Lower Upper
117	100
201	70.7 35.8 107.3





#91
1,2-Dichlorobenzene
Concen: 44.224 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

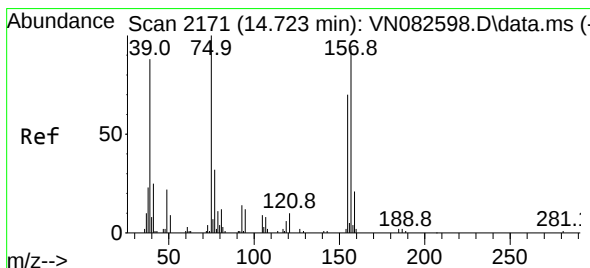
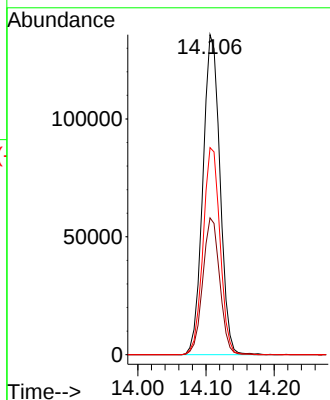
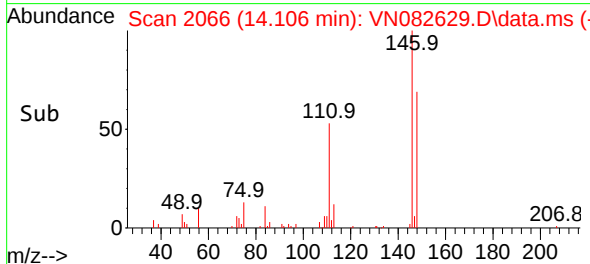
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



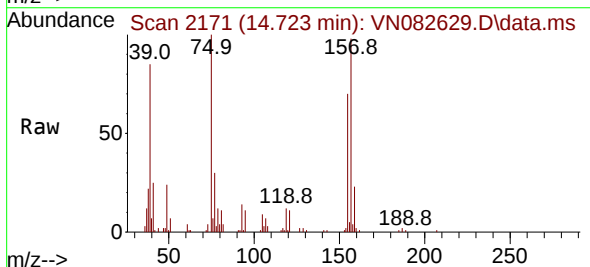
Tgt Ion:146 Resp: 23713
Ion Ratio Lower Upper
146 100
111 42.3 21.4 64.2
148 64.0 32.1 96.5

Manual Integrations
APPROVED

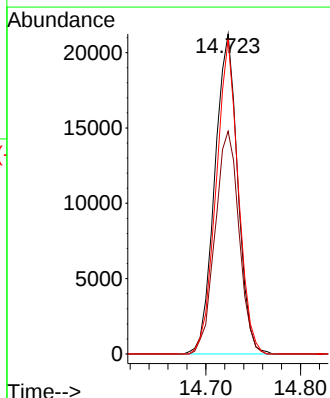
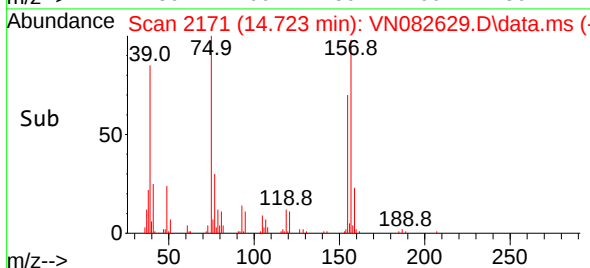
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

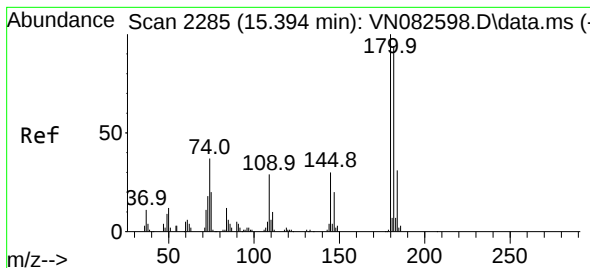


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.072 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58



Tgt Ion: 75 Resp: 35800
Ion Ratio Lower Upper
75 100
155 72.5 36.6 109.8
157 94.5 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 44.538 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082629.D

Acq: 19 Jun 2024 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 125930

Ion Ratio Lower Upper

180 100

182 94.8 47.3 141.8

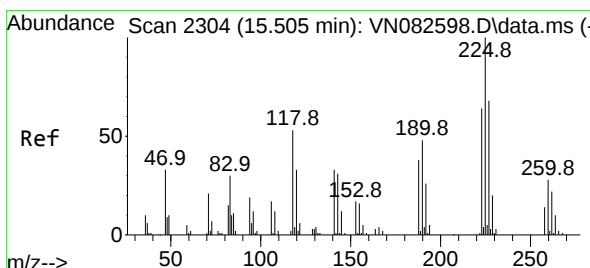
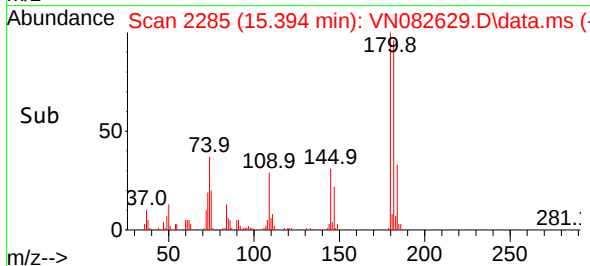
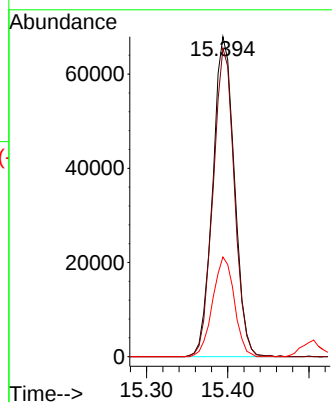
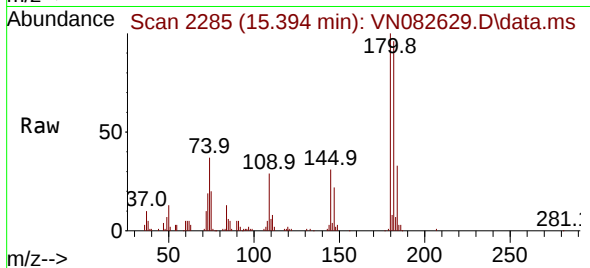
145 31.1 15.7 47.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#94

Hexachlorobutadiene

Concen: 40.165 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.001 min

Lab File: VN082629.D

Acq: 19 Jun 2024 09:58

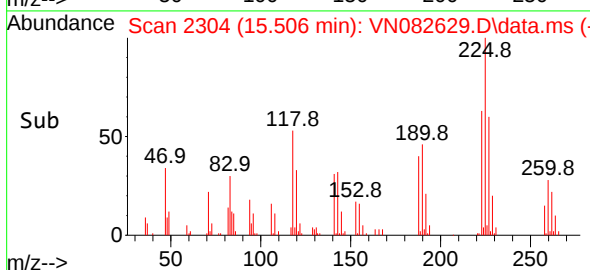
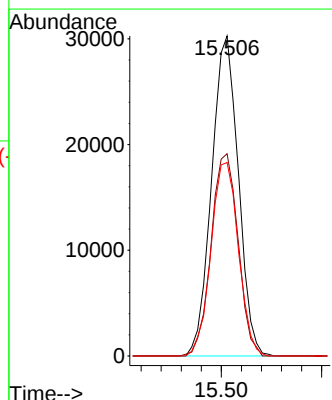
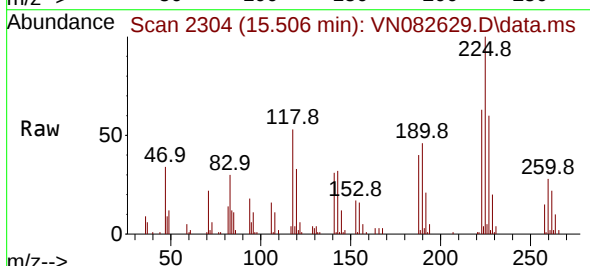
Tgt Ion:225 Resp: 55994

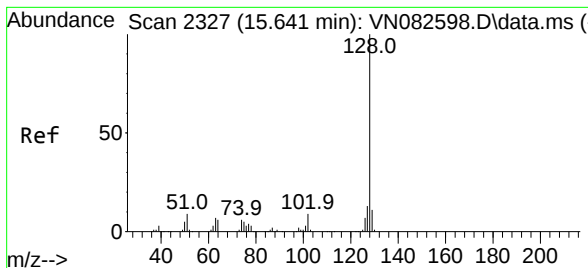
Ion Ratio Lower Upper

225 100

223 63.7 31.9 95.7

227 61.9 32.5 97.5





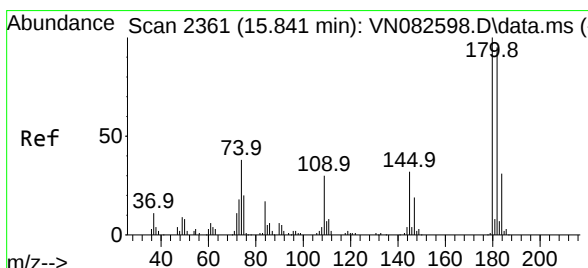
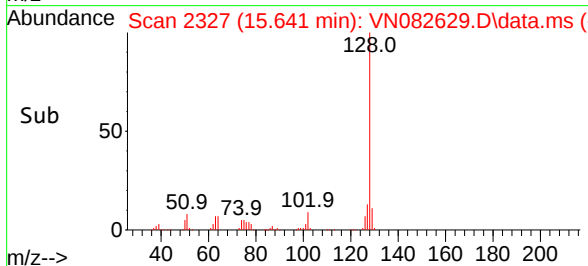
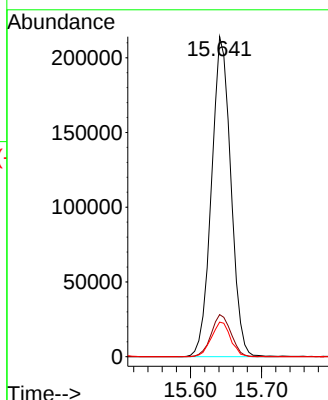
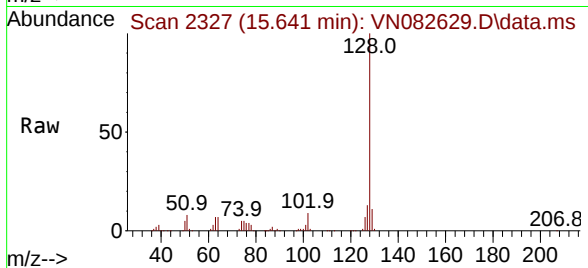
#95
Naphthalene
Concen: 46.515 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 404627
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#96
1,2,3-Trichlorobenzene
Concen: 45.042 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN082629.D
Acq: 19 Jun 2024 09:58

Tgt Ion:180 Resp: 129788
Ion Ratio Lower Upper
180 100
182 93.7 48.9 146.8
145 31.5 16.8 50.4

