

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062524\
 Data File : VN082707.D
 Acq On : 25 Jun 2024 10:54
 Operator : JC\MD
 Sample : VN0625WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/26/2024
 Supervised By : Mahesh Dadoda 06/26/2024

Quant Time: Jun 26 01:18:34 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	8.224	168	170024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	284347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	259464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125309	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	145469	53.352	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.700%			
35) Dibromofluoromethane	8.165	113	102106	52.933	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.860%			
50) Toluene-d8	10.571	98	384580	52.720	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.440%			
62) 4-Bromofluorobenzene	12.853	95	129330	51.424	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 102.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	43231	18.206	ug/l	99
3) Chloromethane	2.360	50	51342	18.036	ug/l	99
4) Vinyl Chloride	2.513	62	50872	18.779	ug/l	93
5) Bromomethane	2.954	94	33611	19.274	ug/l	90
6) Chloroethane	3.118	64	35405	18.328	ug/l	96
7) Trichlorofluoromethane	3.495	101	66338	18.770	ug/l	93
8) Diethyl Ether	3.960	74	23443	19.477	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	39574	19.991	ug/l	99
10) Methyl Iodide	4.589	142	34223	18.149	ug/l	98
11) Tert butyl alcohol	5.524	59	41637	93.306	ug/l	100
12) 1,1-Dichloroethene	4.336	96	34621	18.288	ug/l	95
13) Acrolein	4.183	56	25584	56.281	ug/l	98
14) Allyl chloride	5.024	41	65379	17.659	ug/l	99
15) Acrylonitrile	5.724	53	116800	99.158	ug/l	100
16) Acetone	4.430	43	106339	85.757	ug/l	99
17) Carbon Disulfide	4.707	76	98025	16.305	ug/l	97
18) Methyl Acetate	5.024	43	63121	20.813	ug/l	99
19) Methyl tert-butyl Ether	5.801	73	131601	20.309	ug/l	97
20) Methylene Chloride	5.277	84	43807	20.094	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	38011	18.893	ug/l	96
22) Diisopropyl ether	6.671	45	155630	20.044	ug/l	97
23) Vinyl Acetate	6.606	43	607662	98.691	ug/l	98
24) 1,1-Dichloroethane	6.571	63	83351	19.817	ug/l	99
25) 2-Butanone	7.483	43	168266	95.469	ug/l	94
26) 2,2-Dichloropropane	7.489	77	71175	19.506	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	46048	18.995	ug/l	100
28) Bromochloromethane	7.812	49	39262	20.454	ug/l #	21
29) Tetrahydrofuran	7.842	42	108530	100.586	ug/l	100
30) Chloroform	7.965	83	84363	20.562	ug/l	99
31) Cyclohexane	8.259	56	67002	17.027	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	73510	19.758	ug/l	100
36) 1,1-Dichloropropene	8.377	75	54526	18.909	ug/l	99
37) Ethyl Acetate	7.565	43	65364	17.795	ug/l	98
38) Carbon Tetrachloride	8.365	117	61979	19.072	ug/l	97
39) Methylcyclohexane	9.600	83	54206	17.862	ug/l	95
40) Benzene	8.612	78	175383	19.684	ug/l	98

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 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)
41) Methacrylonitrile	7.783	41	36680	19.536	ug/l	98
42) 1,2-Dichloroethane	8.677	62	69369	20.468	ug/l	98
43) Isopropyl Acetate	8.689	43	122458	17.839	ug/l	99
44) Trichloroethene	9.353	130	40432	19.542	ug/l	96
45) 1,2-Dichloropropane	9.618	63	46704	20.364	ug/l	100
46) Dibromomethane	9.712	93	31684	20.380	ug/l	98
47) Bromodichloromethane	9.889	83	68561	20.685	ug/l	97
48) Methyl methacrylate	9.683	41	53432	18.881	ug/l	98
49) 1,4-Dioxane	9.700	88	17763	401.294	ug/l	92
51) 4-Methyl-2-Pentanone	10.447	43	357920	101.655	ug/l	99
52) Toluene	10.630	92	109307	20.243	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	69409	20.485	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	71811	20.495	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	42103	21.543	ug/l	96
56) Ethyl methacrylate	10.877	69	63879	19.734	ug/l	99
57) 1,3-Dichloropropane	11.165	76	74744	20.687	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	148388	86.657	ug/l	99
59) 2-Hexanone	11.194	43	263480	98.458	ug/l	99
60) Dibromochloromethane	11.359	129	50549	21.188	ug/l	100
61) 1,2-Dibromoethane	11.471	107	42028	20.396	ug/l	96
64) Tetrachloroethene	11.106	164	39639	18.529	ug/l	95
65) Chlorobenzene	11.894	112	116469	19.575	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	42117	19.851	ug/l	98
67) Ethyl Benzene	11.965	91	195823	19.315	ug/l	99
68) m/p-Xylenes	12.077	106	149777	39.711	ug/l	99
69) o-Xylene	12.400	106	71069	20.056	ug/l	97
70) Styrene	12.412	104	122241	20.325	ug/l	99
71) Bromoform	12.577	173	34628	20.644	ug/l #	99
73) Isopropylbenzene	12.694	105	179549	18.869	ug/l	100
74) N-amyl acetate	12.494	43	93491	18.410	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	62448	20.120	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	55435m	18.087	ug/l	
77) Bromobenzene	12.982	156	47213	19.276	ug/l	98
78) n-propylbenzene	13.035	91	217522	19.326	ug/l	100
79) 2-Chlorotoluene	13.130	91	134798	19.097	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	152597	19.761	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	24978	19.498	ug/l	93
82) 4-Chlorotoluene	13.224	91	134819	19.120	ug/l	99
83) tert-Butylbenzene	13.441	119	125496	19.079	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	155590	20.086	ug/l	99
85) sec-Butylbenzene	13.618	105	178513	19.109	ug/l	99
86) p-Isopropyltoluene	13.729	119	148422	19.730	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	85920	19.348	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	86157	18.561	ug/l	98
89) n-Butylbenzene	14.059	91	125741	18.844	ug/l	99
90) Hexachloroethane	14.335	117	32334	19.755	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	82185	18.954	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.718	75	12961	19.731	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	42184	18.449	ug/l	99
94) Hexachlorobutadiene	15.506	225	20093	17.823	ug/l	97
95) Naphthalene	15.641	128	127478	18.122	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	42509	18.243	ug/l	100

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ALS Vial : 6 Sample Multiplier: 1

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MSVOA_N
ClientSampleId :
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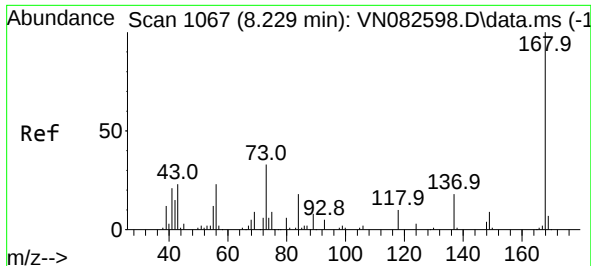
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/26/2024

Quant Time: Jun 26 01:18:34 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

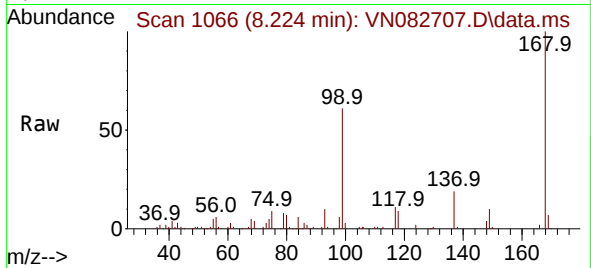
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
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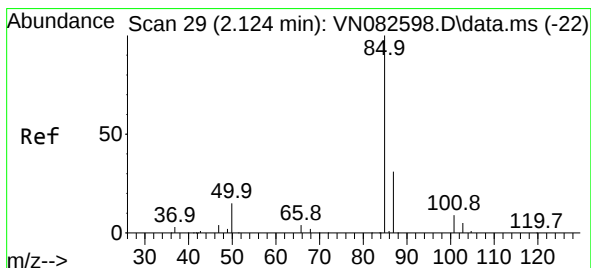
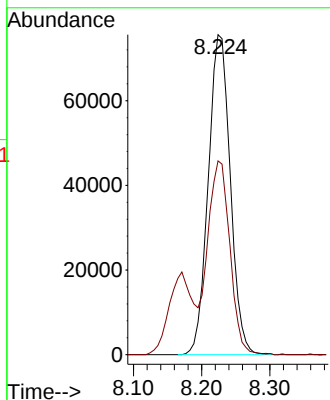
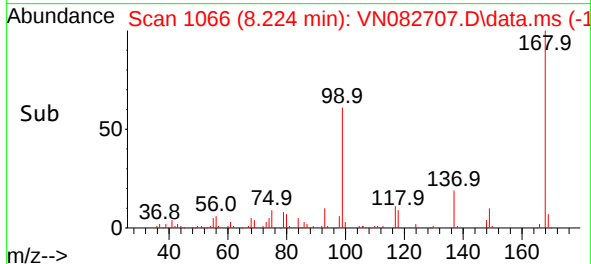
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



Tgt Ion:168 Resp: 170024
Ion Ratio Lower Upper
168 100
99 60.6 48.2 72.4

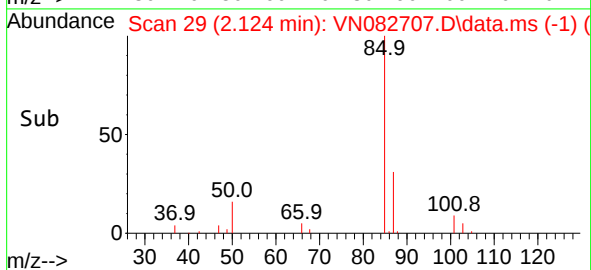
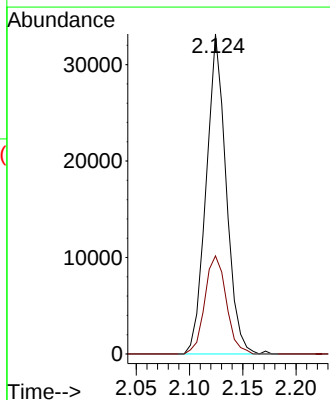
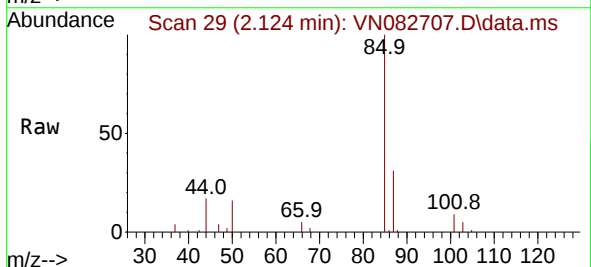
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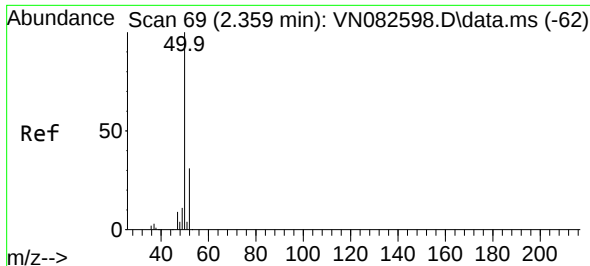
Reviewed By :John Carlone 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024



#2
Dichlorodifluoromethane
Concen: 18.206 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

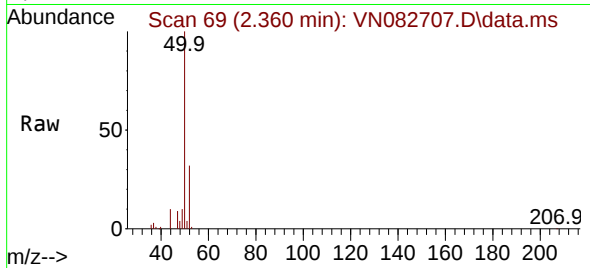
Tgt Ion: 85 Resp: 43231
Ion Ratio Lower Upper
85 100
87 30.7 15.7 47.0





#3
Chloromethane
Concen: 18.036 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

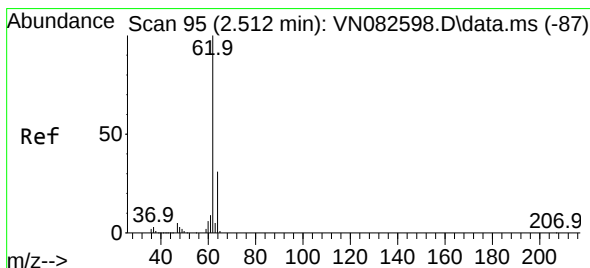
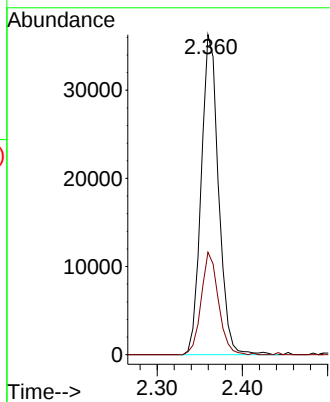
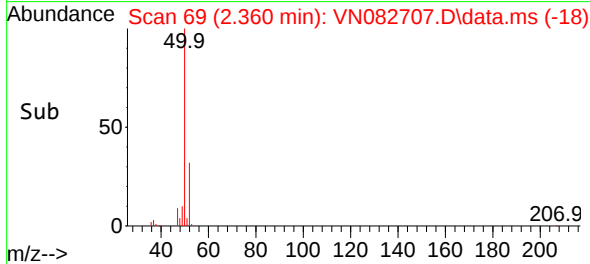
Instrument :
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Tgt Ion: 50 Resp: 5134
Ion Ratio Lower Upper
50 100
52 32.0 25.0 37.4

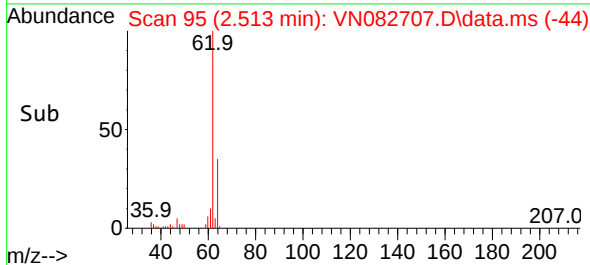
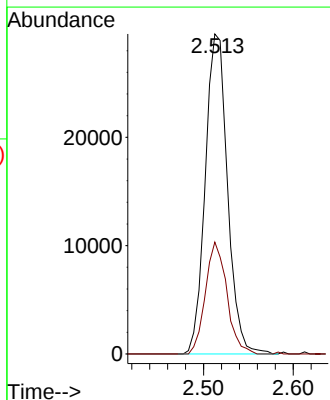
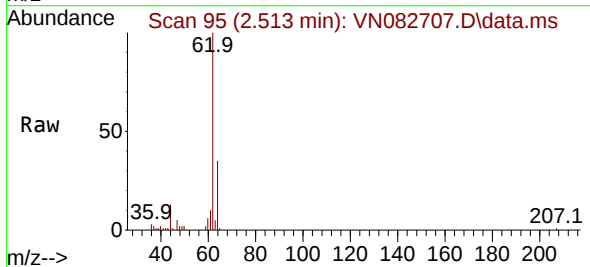
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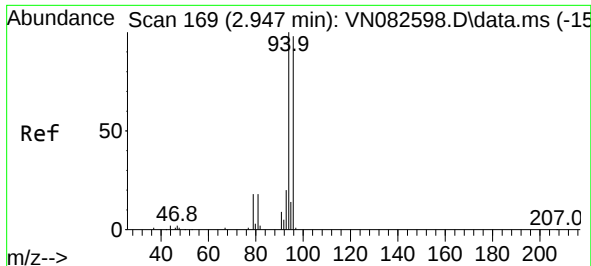
Reviewed By :John Carlone 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024



#4
Vinyl Chloride
Concen: 18.779 ug/l
RT: 2.513 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

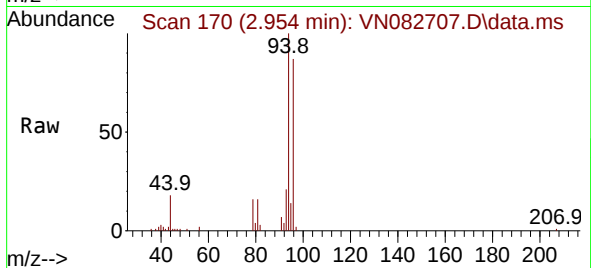
Tgt Ion: 62 Resp: 50872
Ion Ratio Lower Upper
62 100
64 35.0 25.0 37.6





#5
Bromomethane
Concen: 19.274 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.007 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

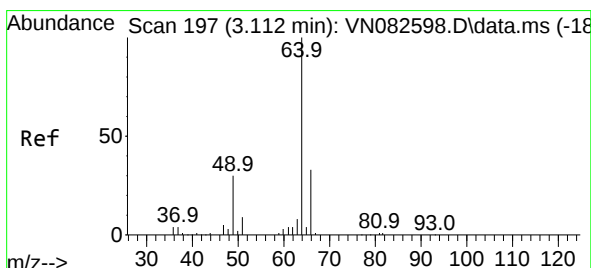
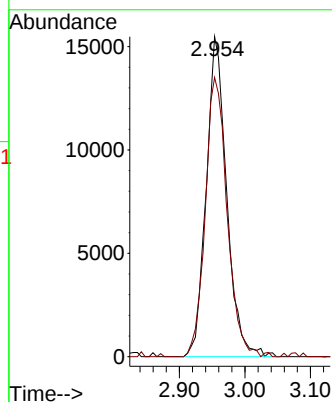
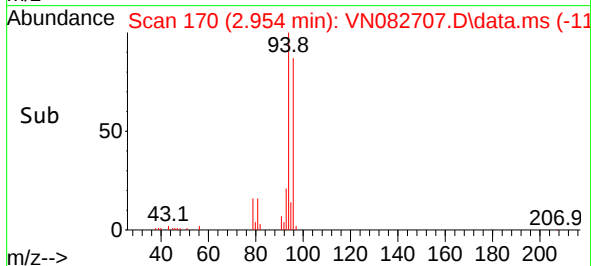
Instrument :
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Tgt Ion: 94 Resp: 3361
Ion Ratio Lower Upper
94 100
96 87.3 78.0 117.0

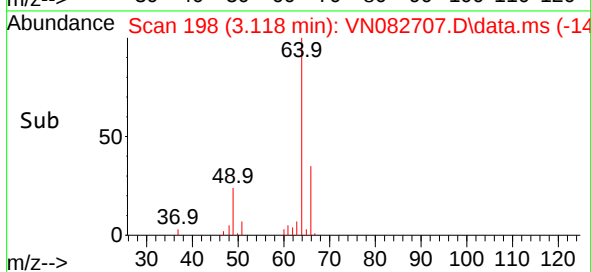
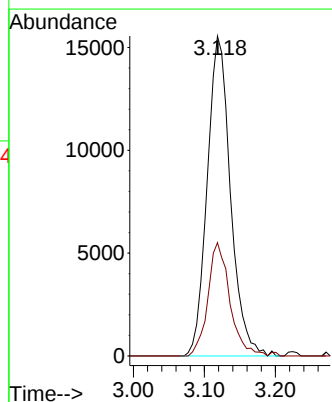
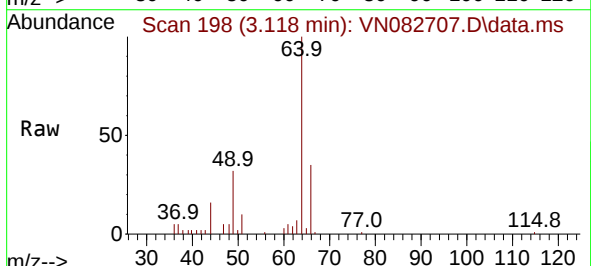
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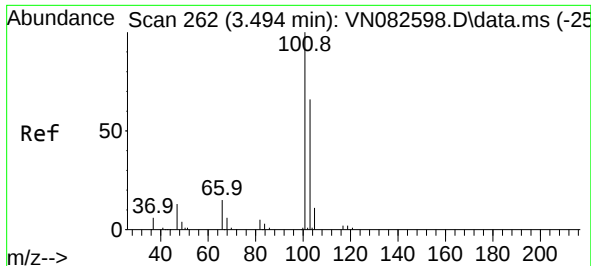
Reviewed By :John Carlone 06/26/2024
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#6
Chloroethane
Concen: 18.328 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

Tgt Ion: 64 Resp: 35405
Ion Ratio Lower Upper
64 100
66 35.4 26.6 40.0





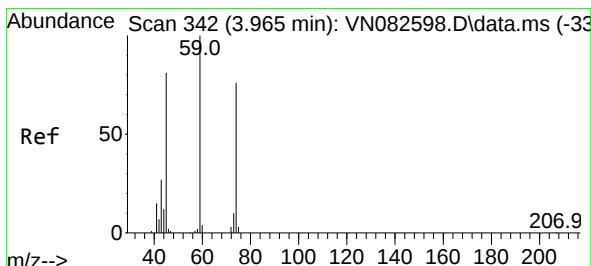
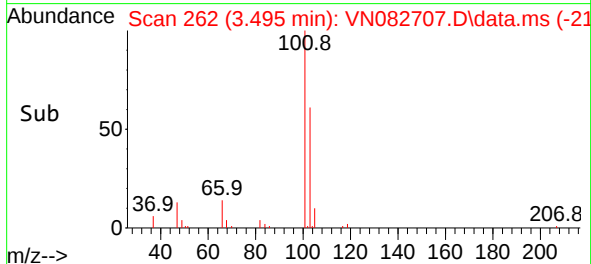
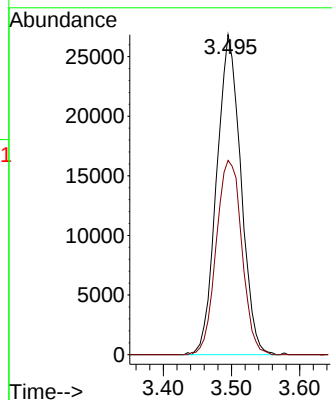
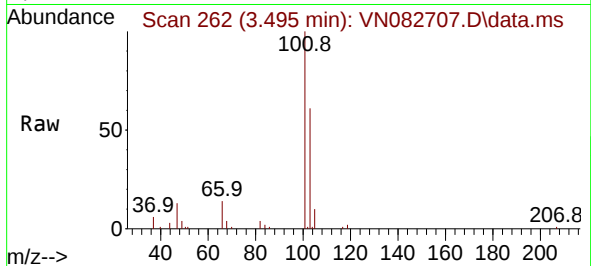
#7
Trichlorofluoromethane
Concen: 18.770 ug/l
RT: 3.495 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tgt Ion:101 Resp: 66338
Ion Ratio Lower Upper
101 100
103 60.7 52.7 79.1

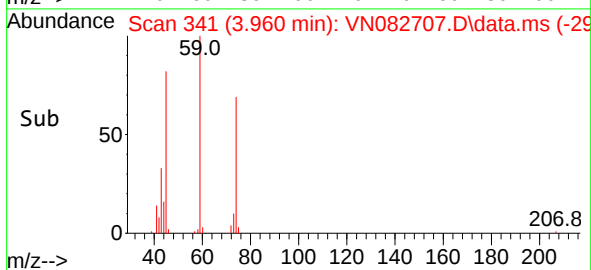
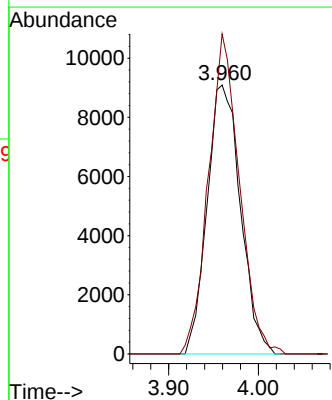
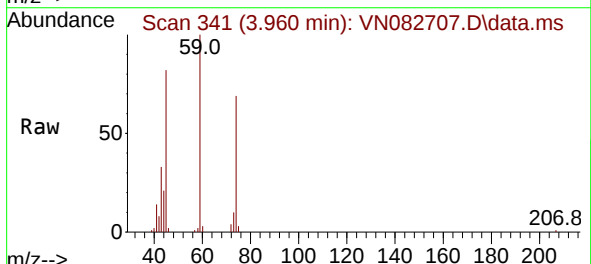
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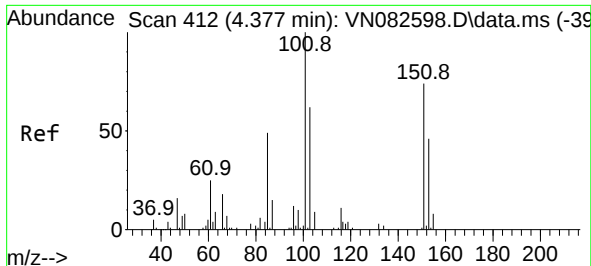
Reviewed By :John Carlone 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024



#8
Diethyl Ether
Concen: 19.477 ug/l
RT: 3.960 min Scan# 341
Delta R.T. -0.005 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

Tgt Ion: 74 Resp: 23443
Ion Ratio Lower Upper
74 100
45 110.4 55.5 166.3





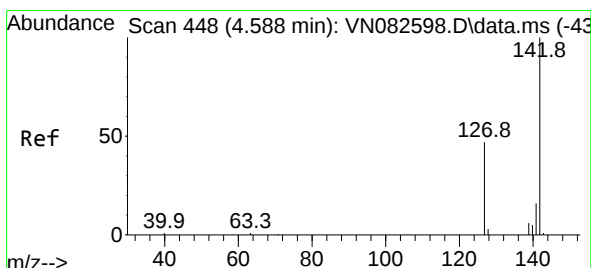
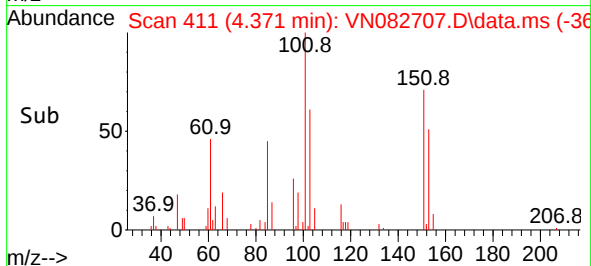
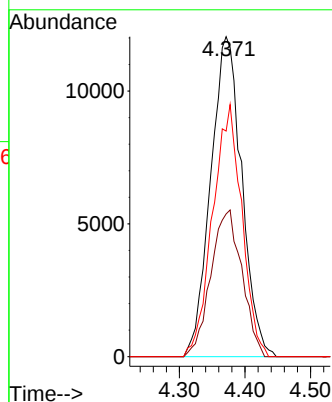
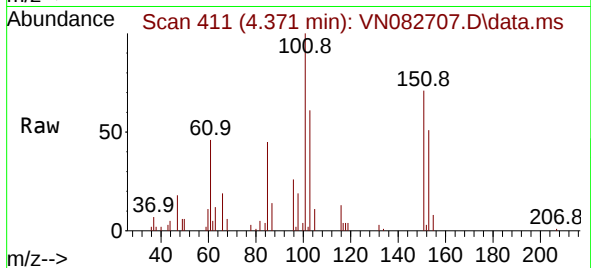
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.991 ug/l
RT: 4.371 min Scan# 412
Delta R.T. -0.005 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tgt Ion:101 Resp: 39574
Ion Ratio Lower Upper
101 100
85 45.9 38.3 57.5
151 74.1 59.3 88.9

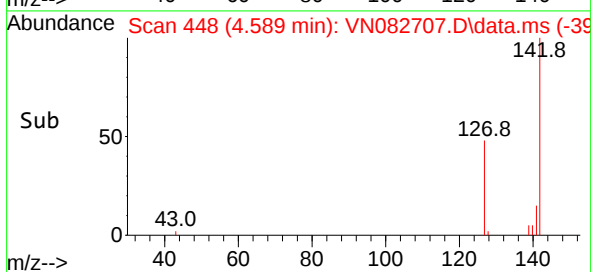
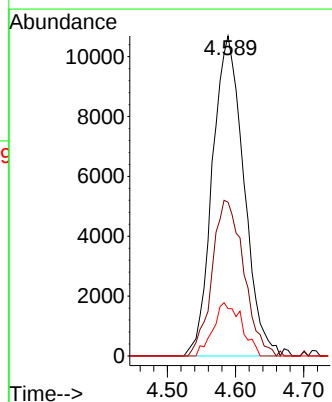
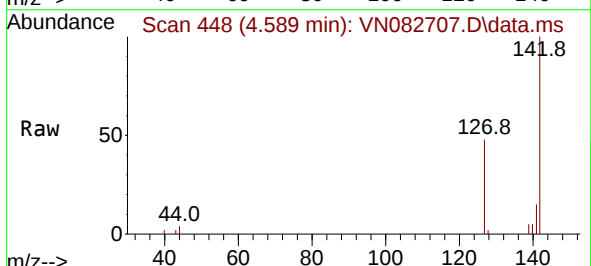
Manual Integrations
APPROVED

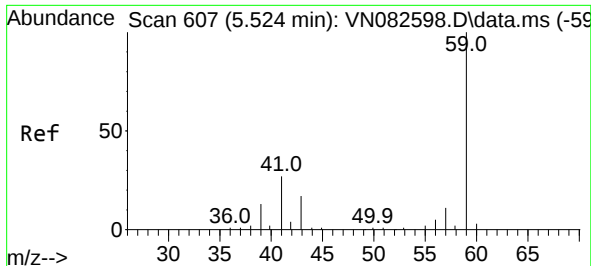
Reviewed By :John Carlone 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024



#10
Methyl Iodide
Concen: 18.149 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

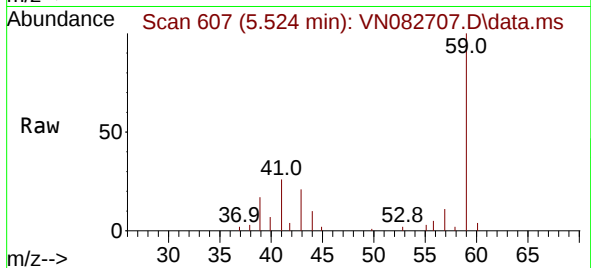
Tgt Ion:142 Resp: 34223
Ion Ratio Lower Upper
142 100
127 48.0 37.5 56.3
141 14.8 13.1 19.7





#11
Tert butyl alcohol
Concen: 93.306 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

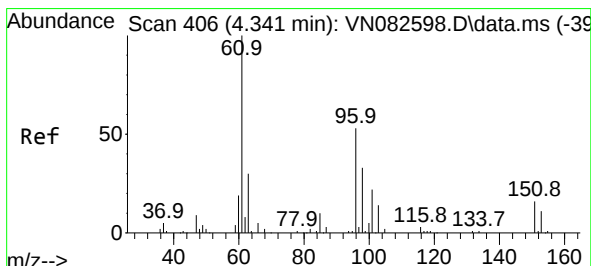
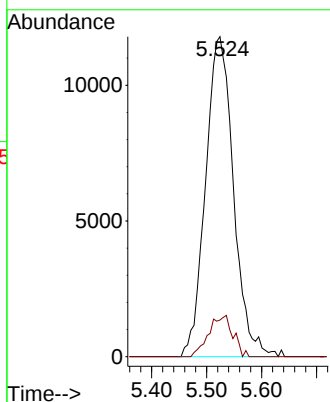
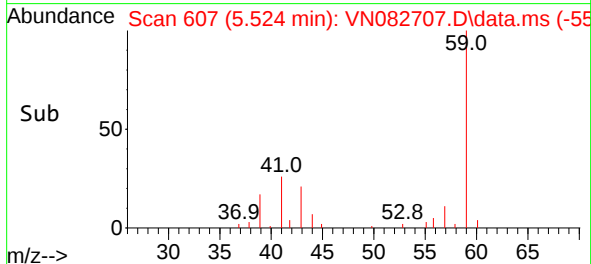
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



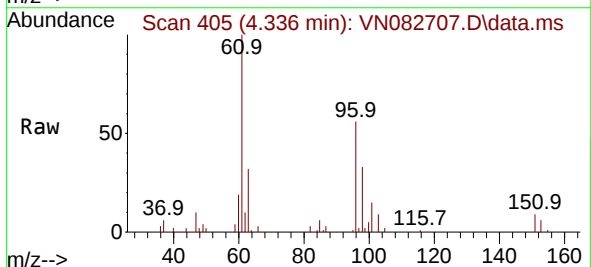
Tgt Ion: 59 Resp: 4163
Ion Ratio Lower Upper
59 100
57 11.1 8.9 13.3

Manual Integrations
APPROVED

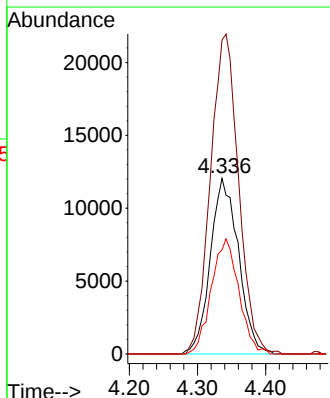
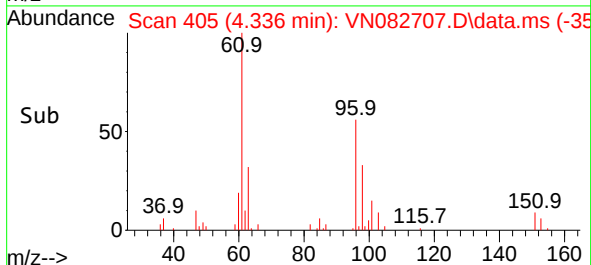
Reviewed By :John Carlone 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024

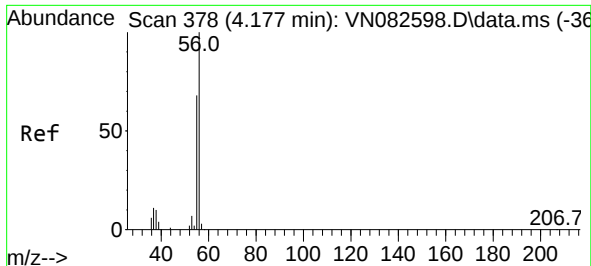


#12
1,1-Dichloroethene
Concen: 18.288 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.005 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54



Tgt Ion: 96 Resp: 34621
Ion Ratio Lower Upper
96 100
61 178.9 149.7 224.5
98 59.4 50.1 75.1





#13

Acrolein

Concen: 56.281 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN082707.D

Acq: 25 Jun 2024 10:54

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

Tgt Ion: 56 Resp: 25584

Ion Ratio Lower Upper

56 100

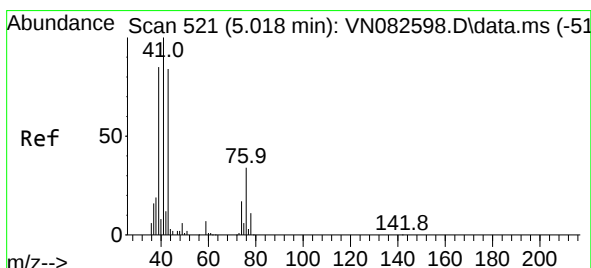
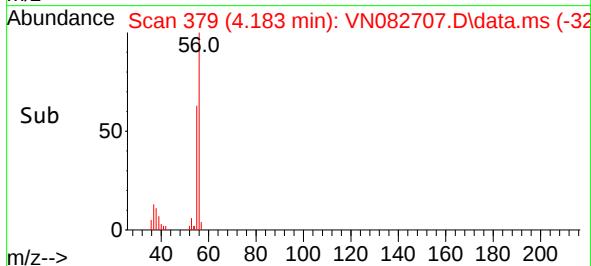
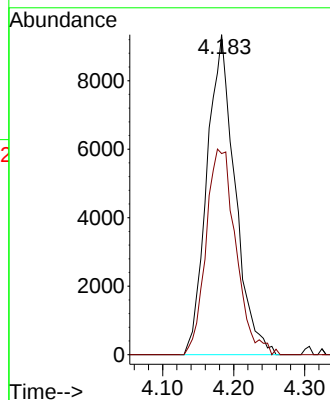
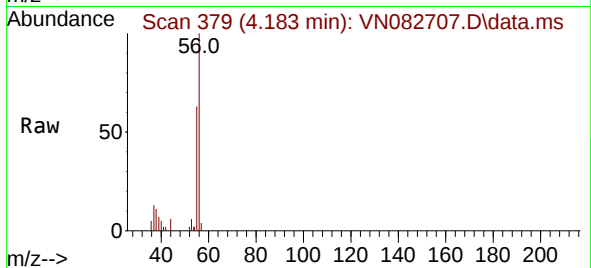
55 68.6 56.4 84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/26/2024

Supervised By :Mahesh Dadoda 06/26/2024



#14

Allyl chloride

Concen: 17.659 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN082707.D

Acq: 25 Jun 2024 10:54

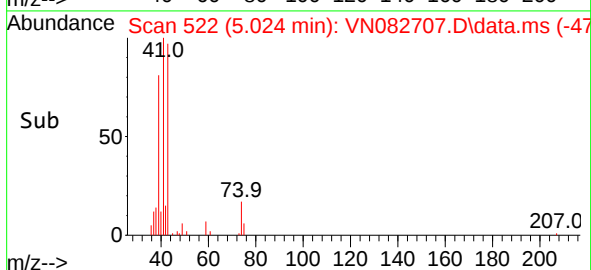
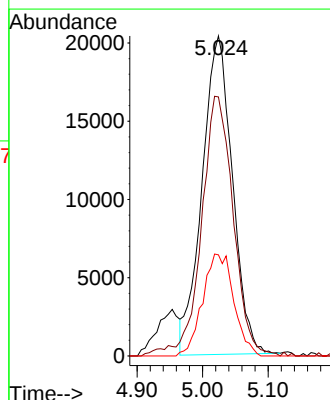
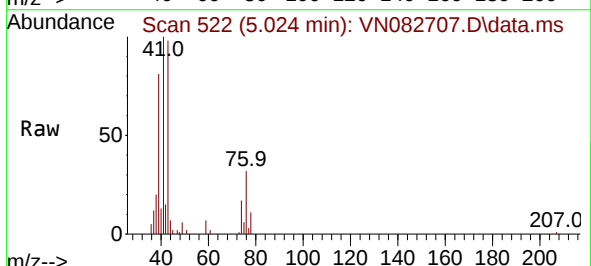
Tgt Ion: 41 Resp: 65379

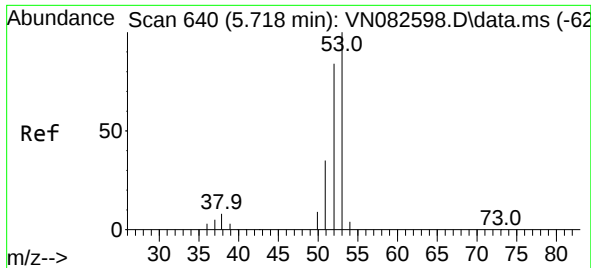
Ion Ratio Lower Upper

41 100

39 85.4 67.8 101.6

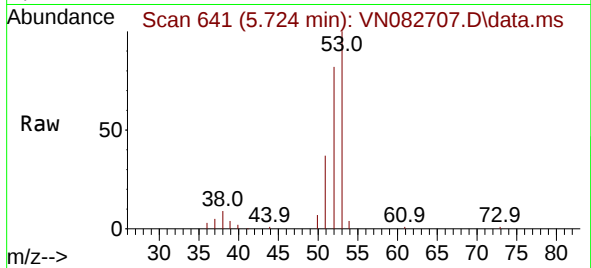
76 32.9 25.8 38.8





#15
Acrylonitrile
Concen: 99.158 ug/l
RT: 5.724 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

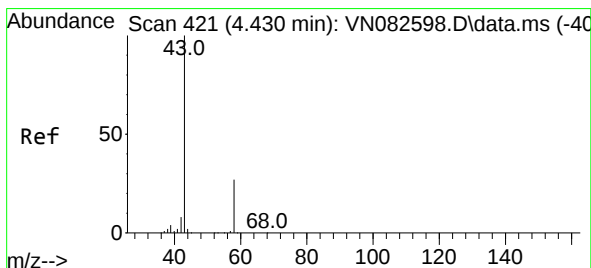
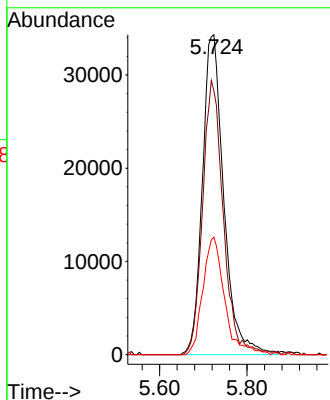
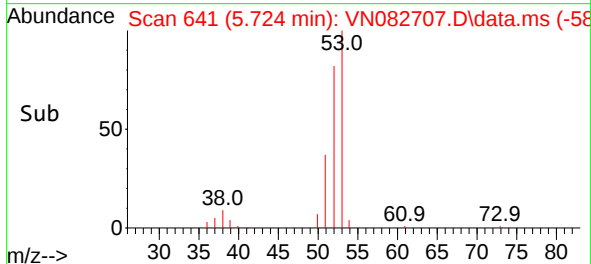
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



Tgt Ion: 53 Resp: 116800
Ion Ratio Lower Upper
53 100
52 83.1 66.6 100.0
51 37.3 30.1 45.1

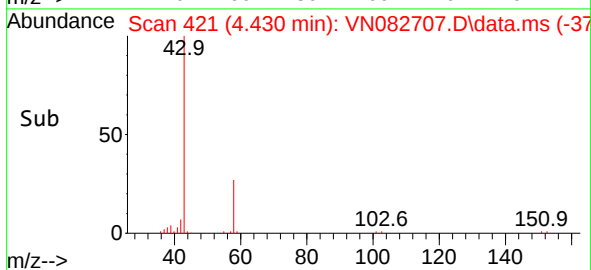
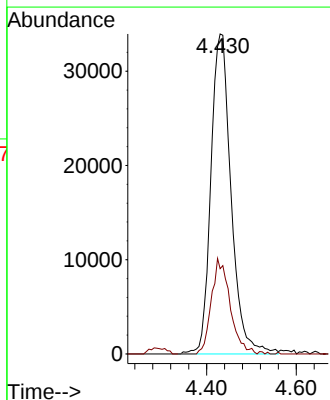
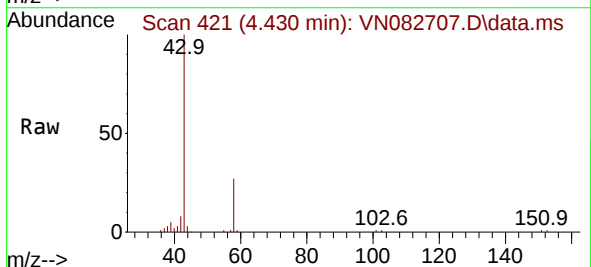
Manual Integrations
APPROVED

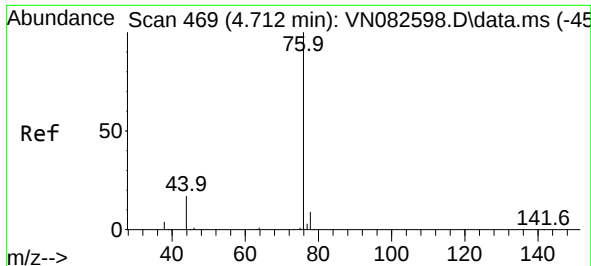
Reviewed By :John Carlone 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024



#16
Acetone
Concen: 85.757 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

Tgt Ion: 43 Resp: 106339
Ion Ratio Lower Upper
43 100
58 26.6 21.8 32.6





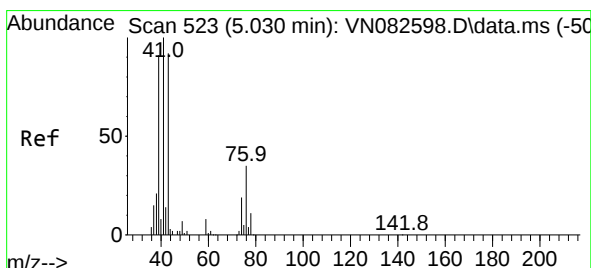
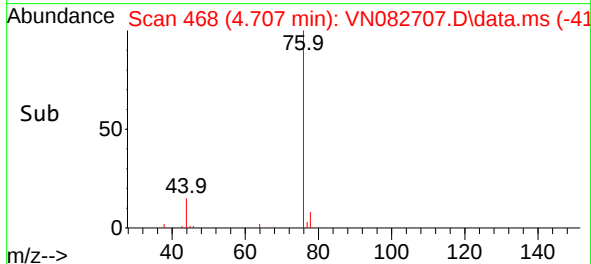
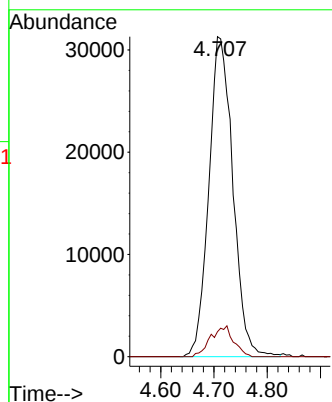
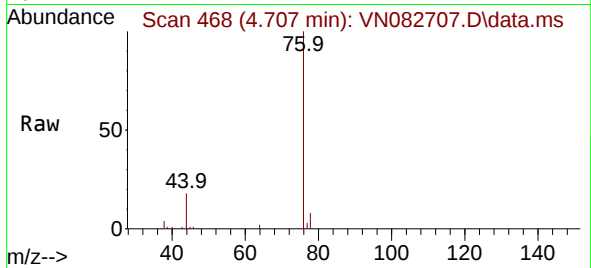
#17
Carbon Disulfide
Concen: 16.305 ug/l
RT: 4.707 min Scan# 468
Delta R.T. -0.005 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tgt Ion: 76 Resp: 9802
Ion Ratio Lower Upper
76 100
78 7.8 7.2 10.8

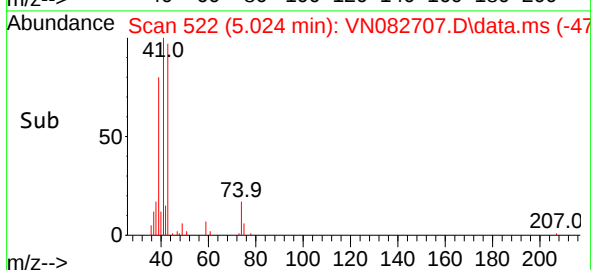
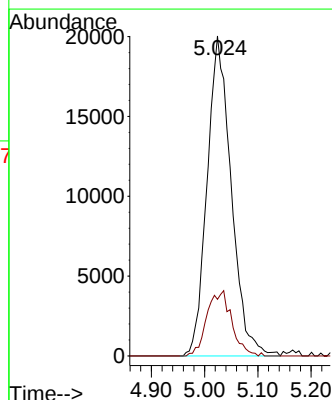
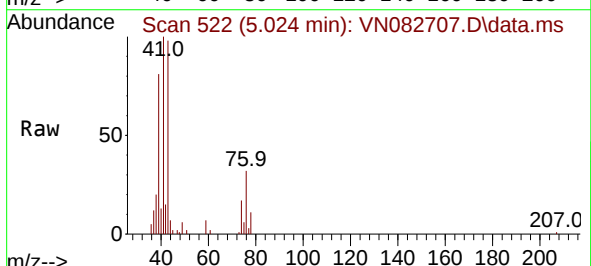
Manual Integrations
APPROVED

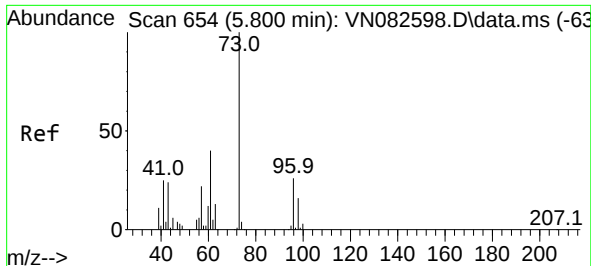
Reviewed By :John Carlone 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024



#18
Methyl Acetate
Concen: 20.813 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.005 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

Tgt Ion: 43 Resp: 63121
Ion Ratio Lower Upper
43 100
74 20.9 16.3 24.5





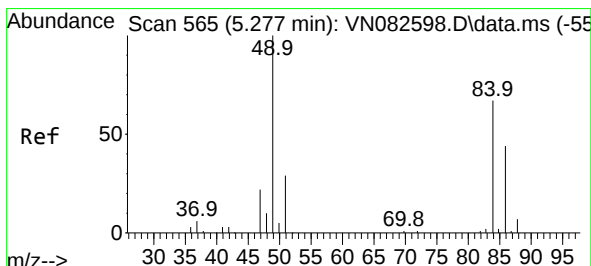
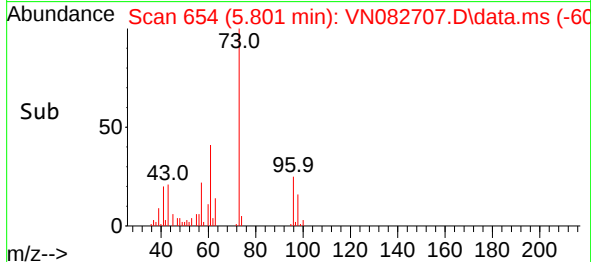
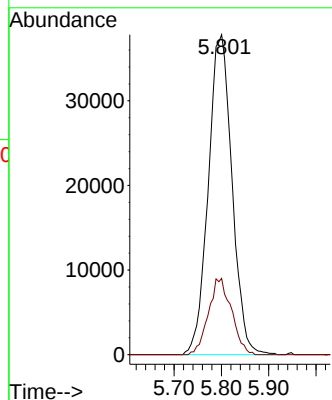
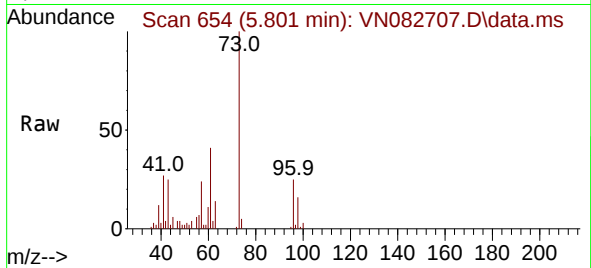
#19
Methyl tert-butyl Ether
Concen: 20.309 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tgt Ion: 73 Resp: 13160
Ion Ratio Lower Upper
73 100
57 23.8 17.9 26.9

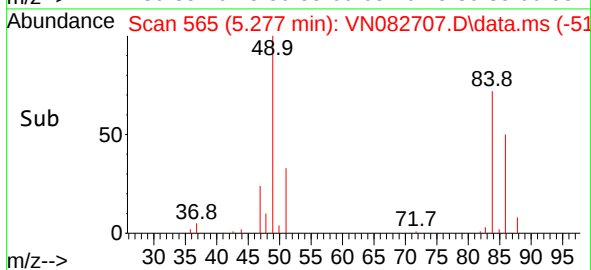
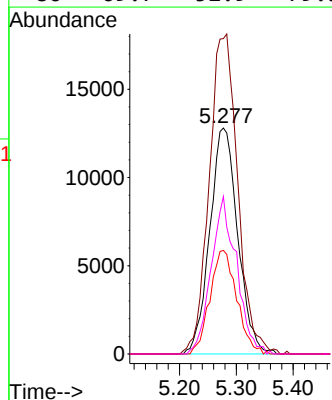
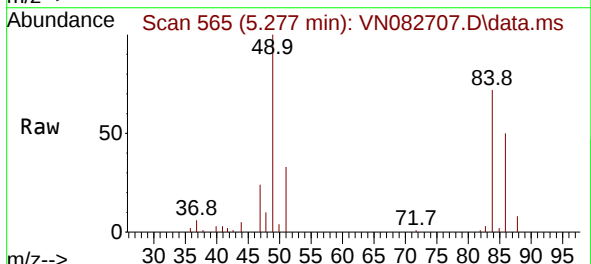
Manual Integrations
APPROVED

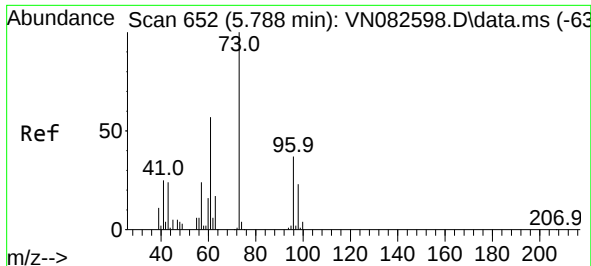
Reviewed By :John Carlone 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024



#20
Methylene Chloride
Concen: 20.094 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

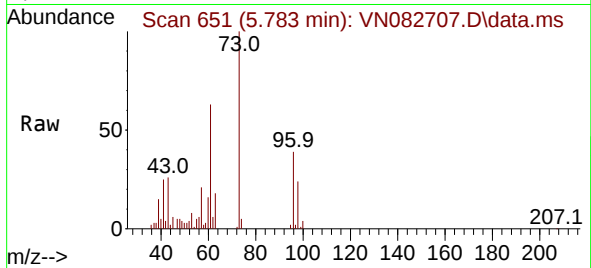
Tgt Ion: 84 Resp: 43807
Ion Ratio Lower Upper
84 100
49 139.6 119.6 179.4
51 45.8 34.8 52.2
86 69.7 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 18.893 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

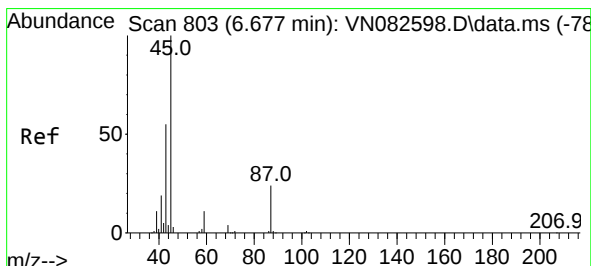
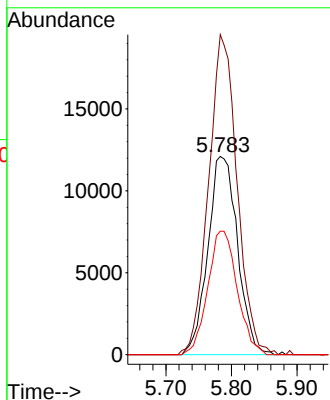
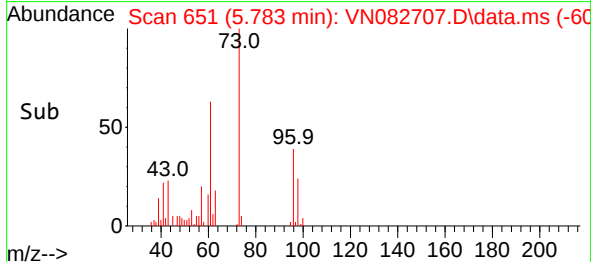
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



Tgt Ion: 96 Resp: 3801
Ion Ratio Lower Upper
96 100
61 161.4 123.4 185.2
98 62.3 49.3 73.9

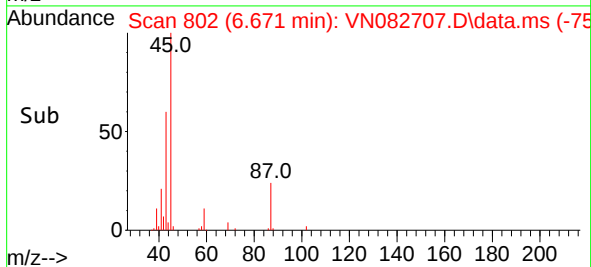
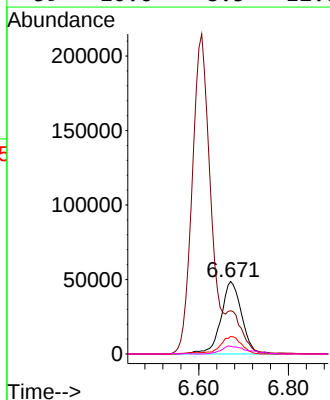
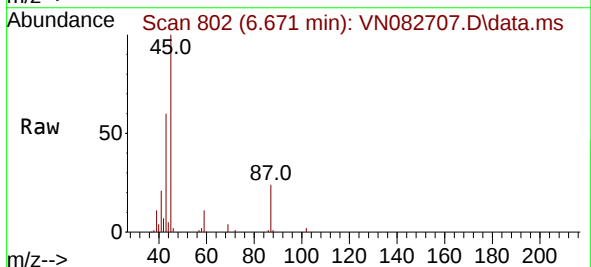
Manual Integrations
APPROVED

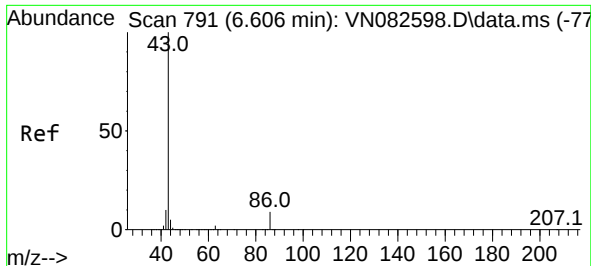
Reviewed By :John Carlone 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024



#22
Diisopropyl ether
Concen: 20.044 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.005 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

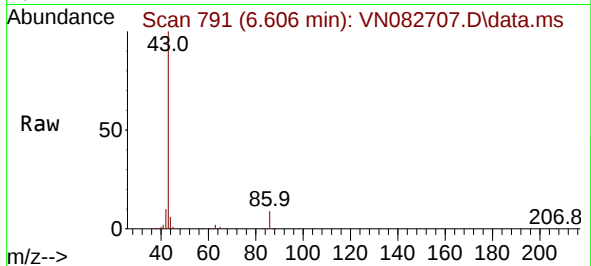
Tgt Ion: 45 Resp: 155630
Ion Ratio Lower Upper
45 100
43 58.3 44.0 66.0
87 24.0 19.7 29.5
59 10.6 8.5 12.7





#23
 Vinyl Acetate
 Concen: 98.691 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082707.D
 Acq: 25 Jun 2024 10:54

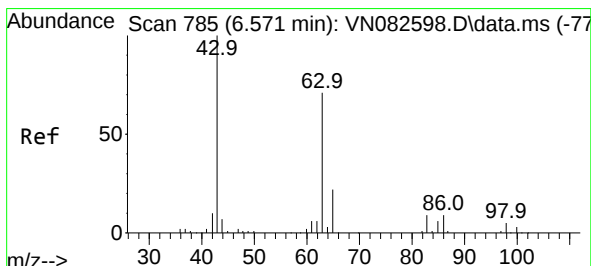
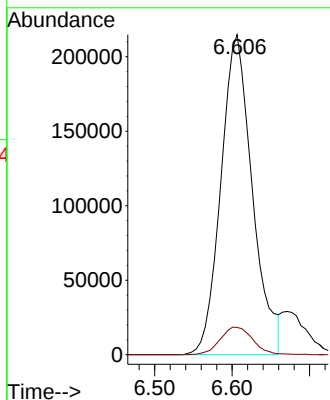
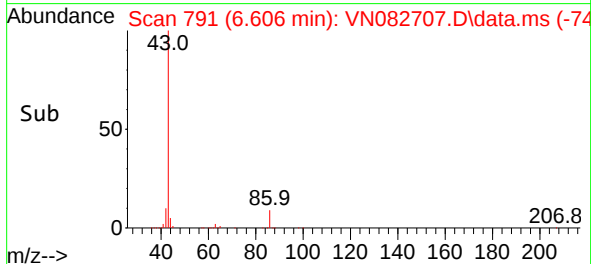
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01



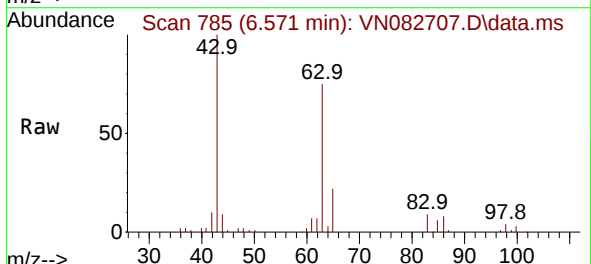
Tgt Ion: 43 Resp: 607662
 Ion Ratio Lower Upper
 43 100
 86 8.5 7.3 10.9

Manual Integrations
 APPROVED

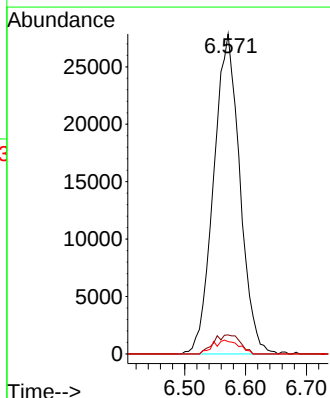
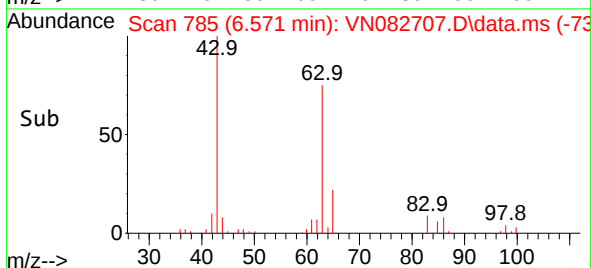
Reviewed By :John Carlone 06/26/2024
 Supervised By :Mahesh Dadoda 06/26/2024

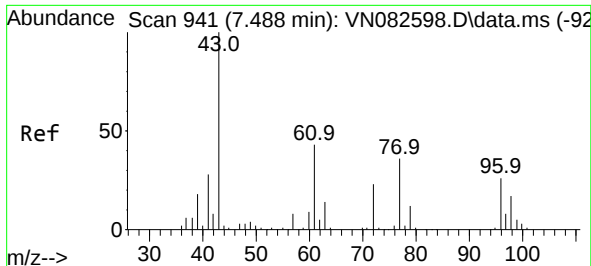


#24
 1,1-Dichloroethane
 Concen: 19.817 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN082707.D
 Acq: 25 Jun 2024 10:54



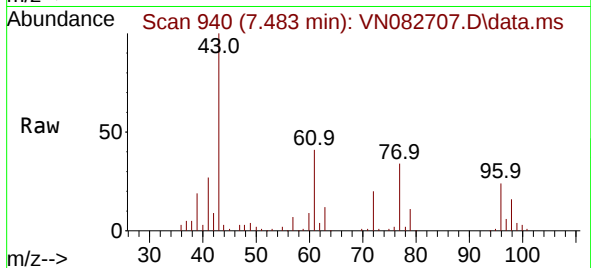
Tgt Ion: 63 Resp: 83351
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.9
 100 3.9 2.0 6.0





#25
2-Butanone
Concen: 95.469 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

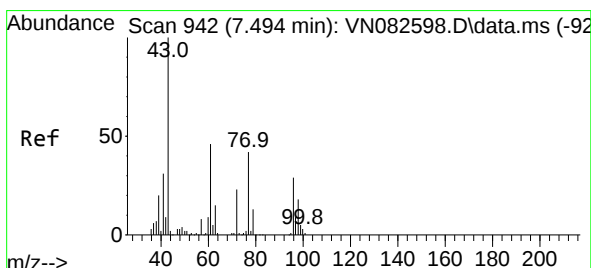
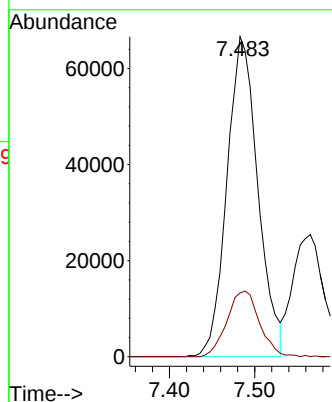
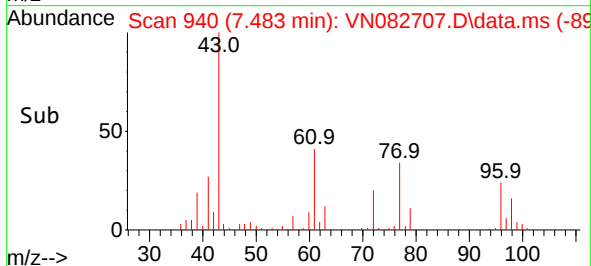
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



Tgt Ion: 43 Resp: 168260
Ion Ratio Lower Upper
43 100
72 19.9 18.2 27.2

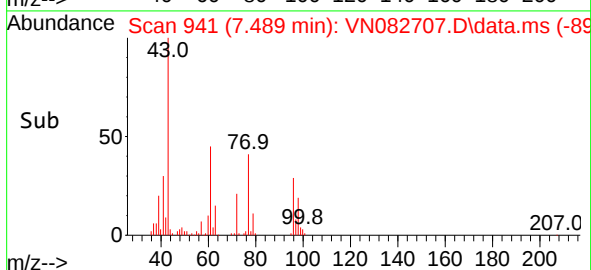
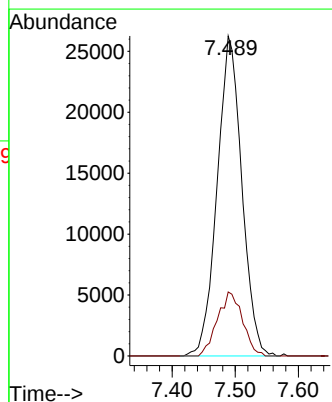
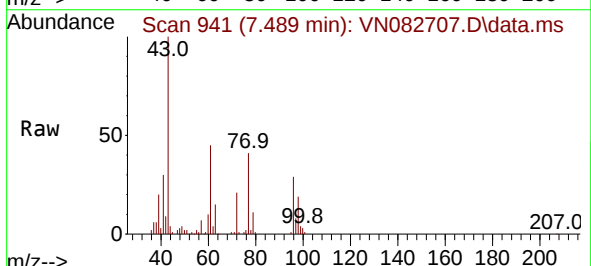
Manual Integrations
APPROVED

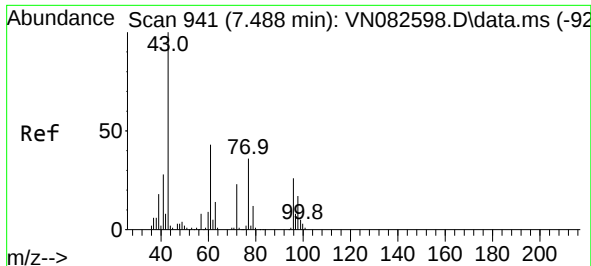
Reviewed By :John Carlone 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024



#26
2,2-Dichloropropane
Concen: 19.506 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

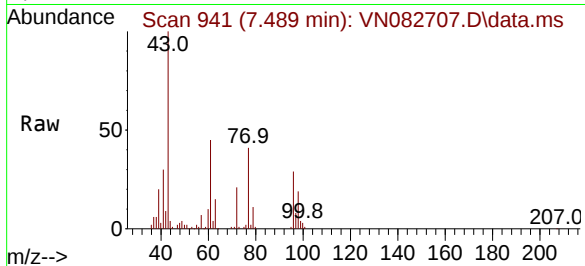
Tgt Ion: 77 Resp: 71175
Ion Ratio Lower Upper
77 100
97 20.3 10.3 30.9





#27
cis-1,2-Dichloroethene
Concen: 18.995 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

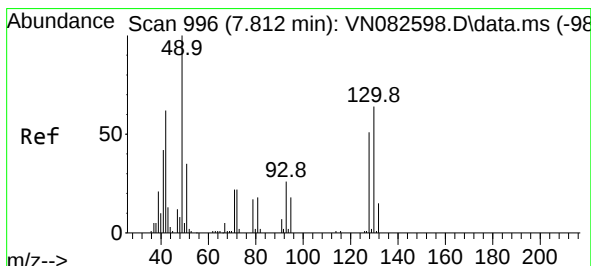
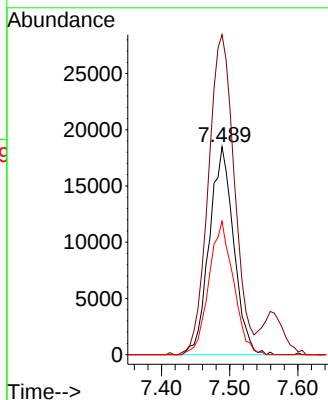
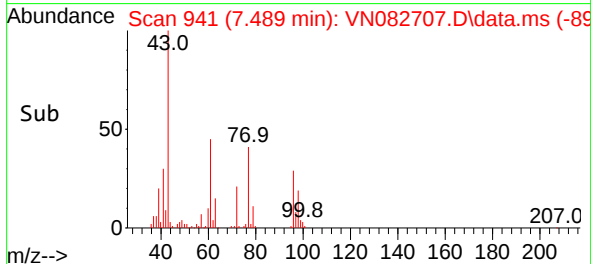
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



Tgt Ion: 96 Resp: 46048
Ion Ratio Lower Upper
96 100
61 164.4 0.0 329.6
98 64.6 0.0 128.6

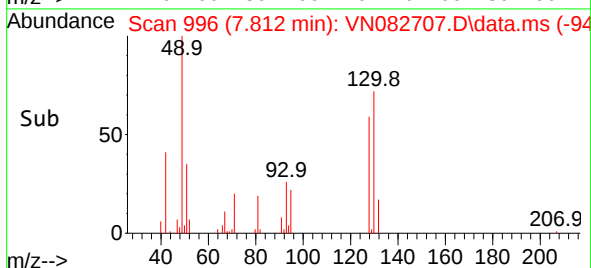
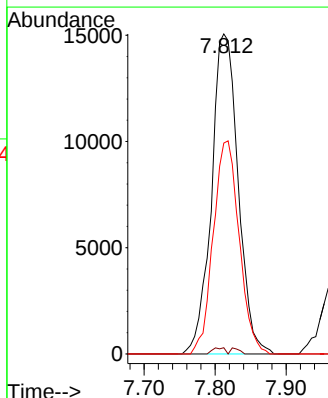
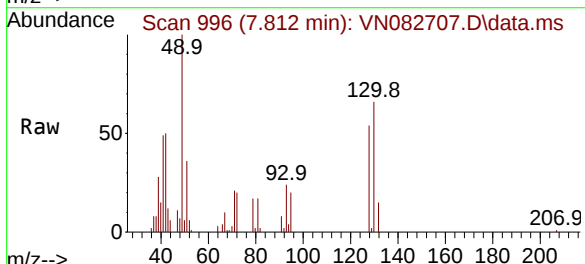
Manual Integrations
APPROVED

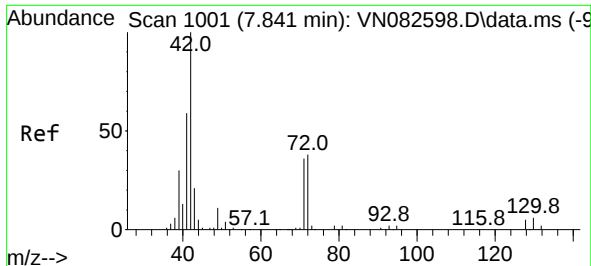
Reviewed By :John Carlone 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024



#28
Bromochloromethane
Concen: 20.454 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

Tgt Ion: 49 Resp: 39262
Ion Ratio Lower Upper
49 100
129 0.9 0.0 3.8
130 0.0 50.5 75.7#





#29

Tetrahydrofuran

Concen: 100.586 ug/l

RT: 7.842 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN082707.D

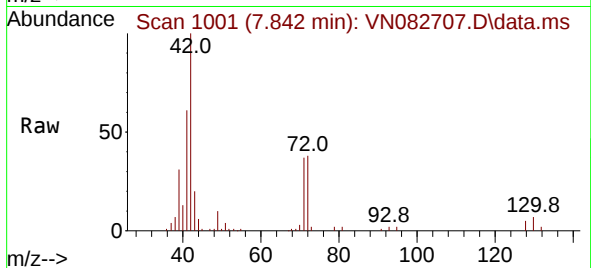
Acq: 25 Jun 2024 10:54

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01



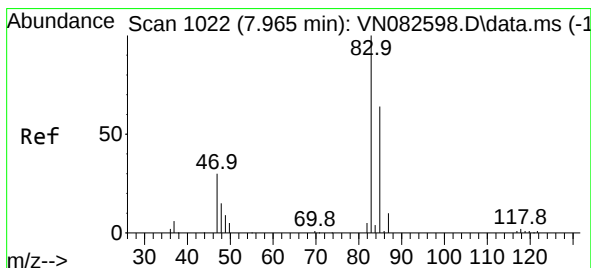
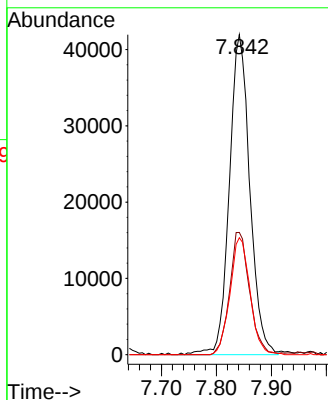
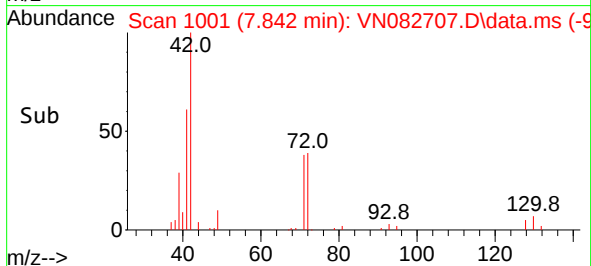
Tgt Ion:	42	Resp:	108530
Ion Ratio	100	Lower	Upper
42	100		
72	37.2	30.0	45.0
71	35.7	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/26/2024

Supervised By :Mahesh Dadoda 06/26/2024



#30

Chloroform

Concen: 20.562 ug/l

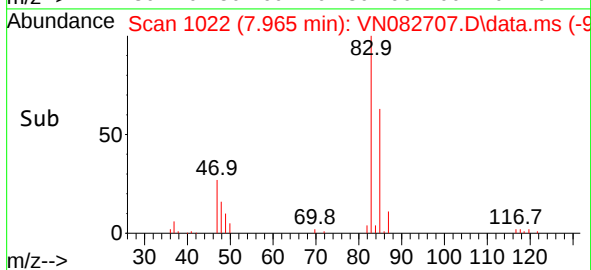
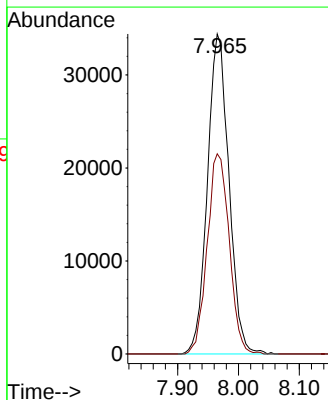
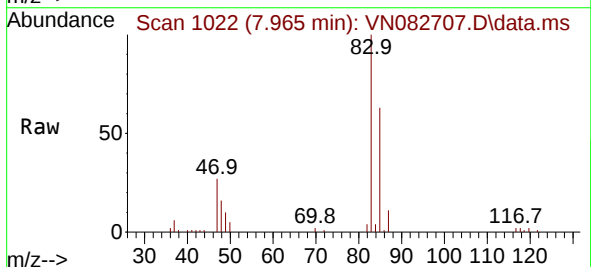
RT: 7.965 min Scan# 1022

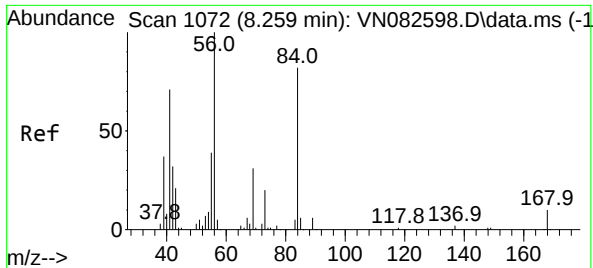
Delta R.T. 0.000 min

Lab File: VN082707.D

Acq: 25 Jun 2024 10:54

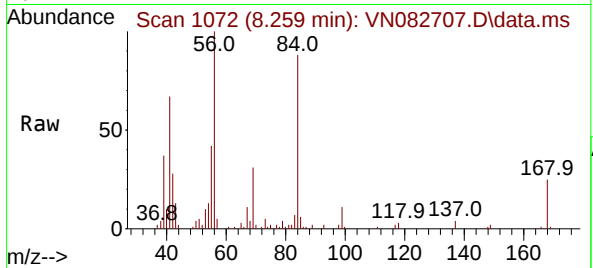
Tgt Ion:	83	Resp:	84363
Ion Ratio	100	Lower	Upper
83	100		
85	62.6	50.9	76.3





#31
Cyclohexane
Concen: 17.027 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

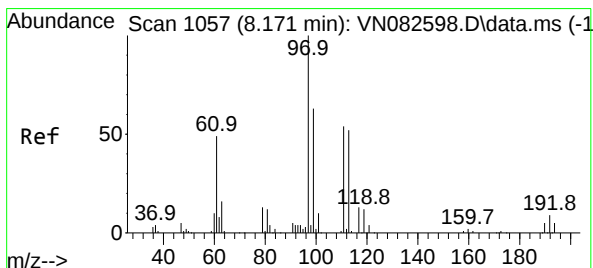
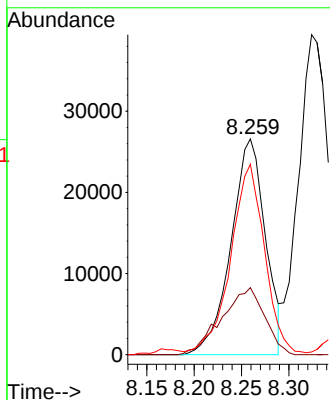
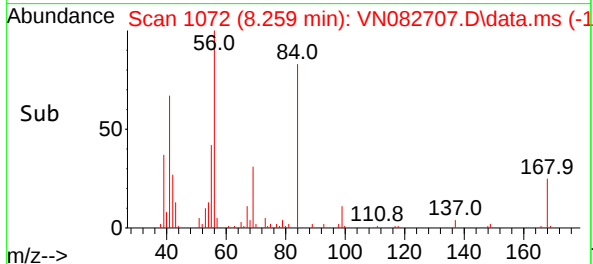
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



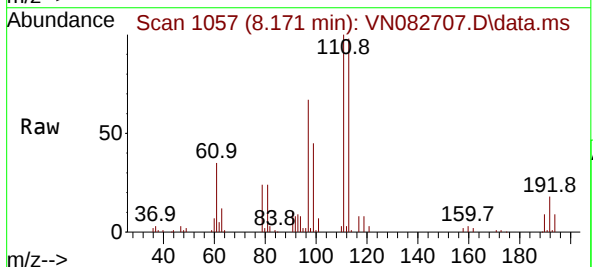
Tgt Ion: 56 Resp: 67002
Ion Ratio Lower Upper
56 100
69 31.1 24.5 36.7
84 86.3 66.0 99.0

Manual Integrations
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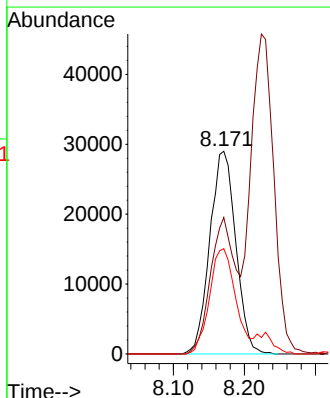
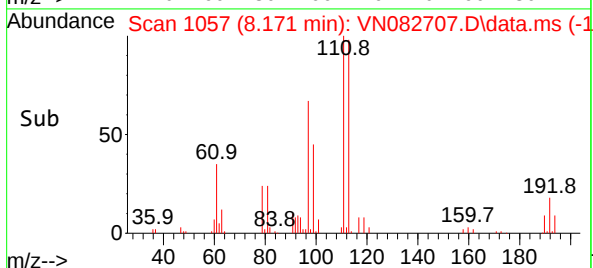
Reviewed By :John Carlone 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024

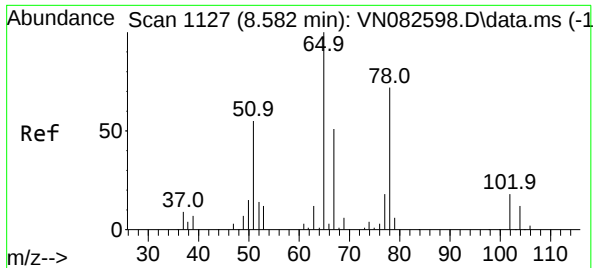


#32
1,1,1-Trichloroethane
Concen: 19.758 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54



Tgt Ion: 97 Resp: 73510
Ion Ratio Lower Upper
97 100
99 64.9 52.0 78.0
61 52.8 42.1 63.1





#33
1,2-Dichloroethane-d4
Concen: 53.352 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

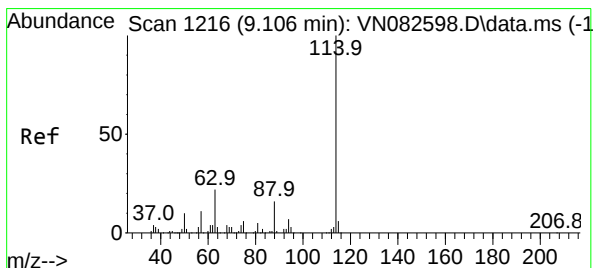
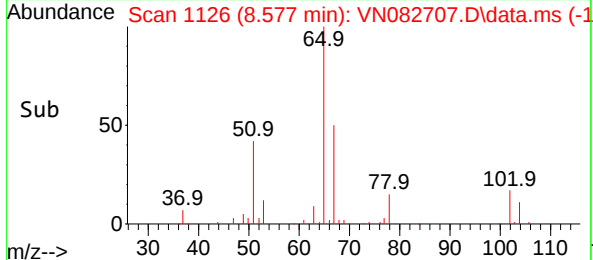
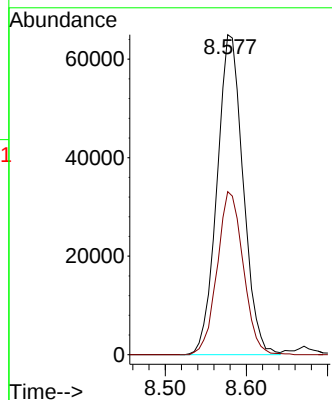
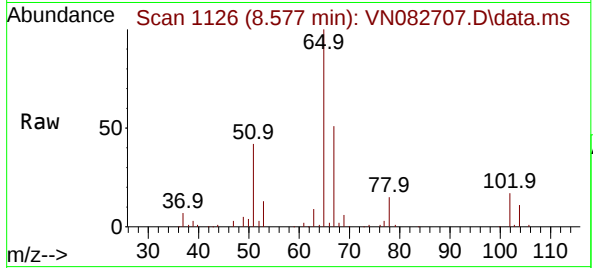
Tgt Ion: 65 Resp: 145469
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.4

Manual Integrations

APPROVED

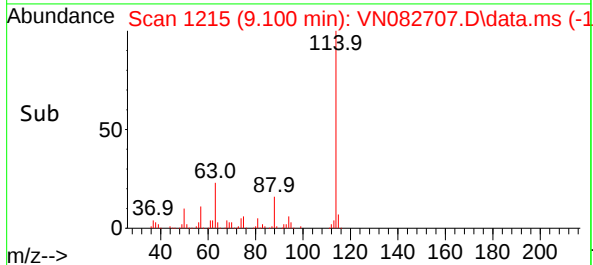
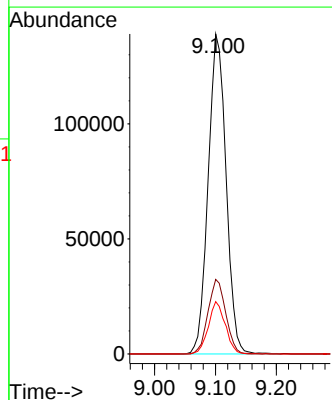
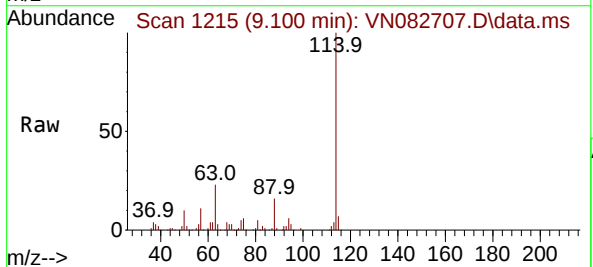
Reviewed By :John Carlone 06/26/2024

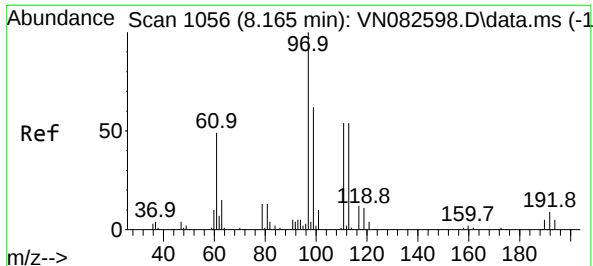
Supervised By :Mahesh Dadoda 06/26/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.005 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

Tgt Ion:114 Resp: 284347
Ion Ratio Lower Upper
114 100
63 23.3 0.0 44.6
88 16.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.933 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082707.D

Acq: 25 Jun 2024 10:54

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

Tgt Ion:113 Resp: 102100

Ion Ratio Lower Upper

113 100

111 104.3 82.4 123.6

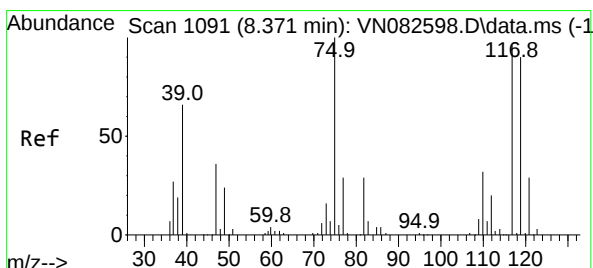
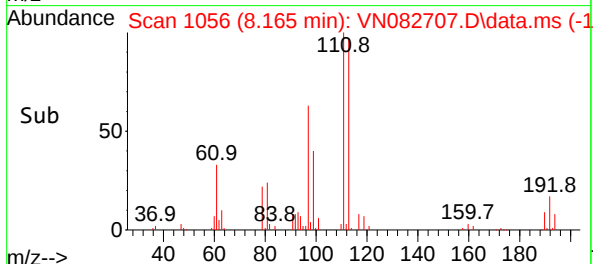
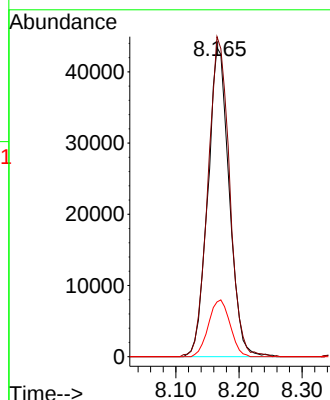
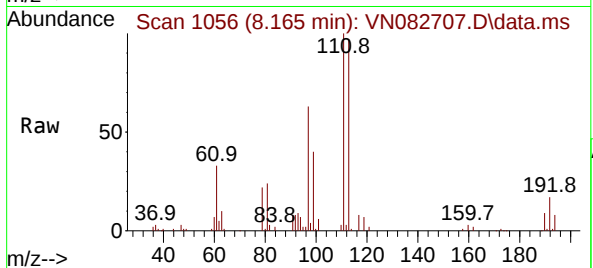
192 18.5 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/26/2024

Supervised By :Mahesh Dadoda 06/26/2024



#36

1,1-Dichloropropene

Concen: 18.909 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VN082707.D

Acq: 25 Jun 2024 10:54

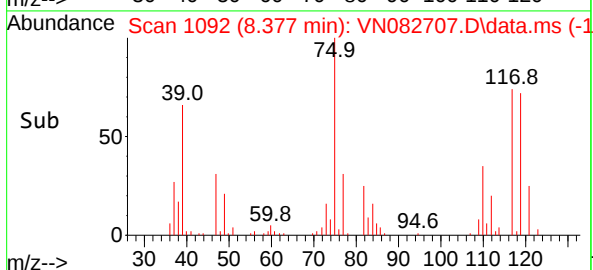
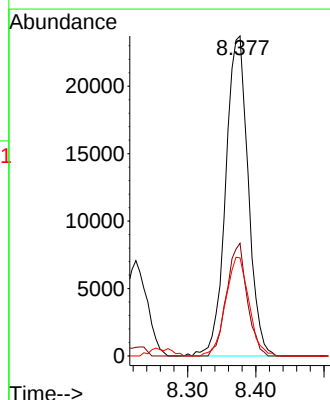
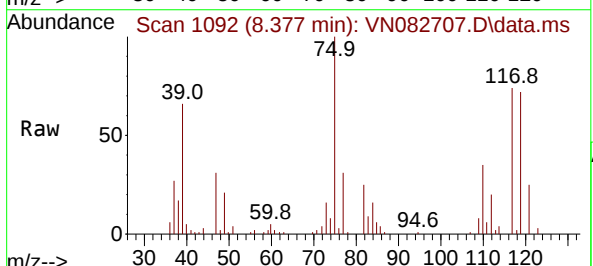
Tgt Ion: 75 Resp: 54526

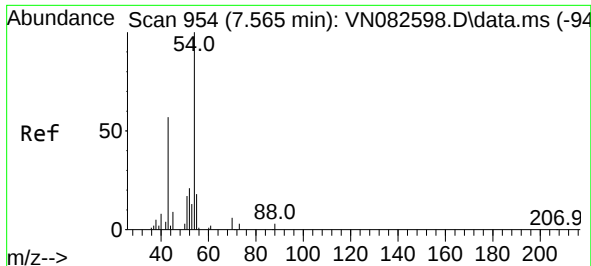
Ion Ratio Lower Upper

75 100

110 32.1 16.3 48.9

77 31.9 24.6 37.0





#37

Ethyl Acetate

Concen: 17.795 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN082707.D

Acq: 25 Jun 2024 10:54

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

Tgt Ion: 43 Resp: 65364

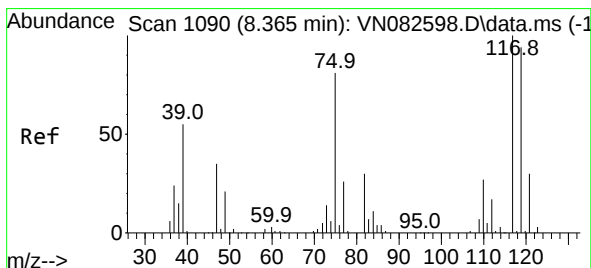
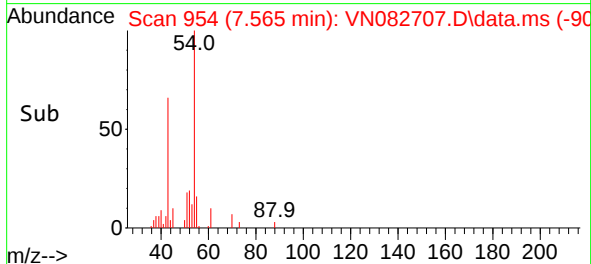
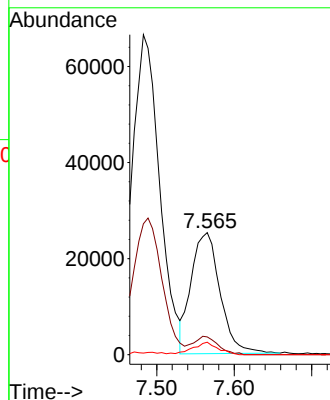
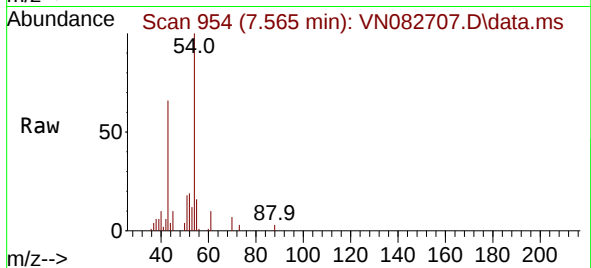
Ion	Ratio	Lower	Upper
43	100		
61	13.1	9.3	13.9
70	8.8	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/26/2024

Supervised By :Mahesh Dadoda 06/26/2024



#38

Carbon Tetrachloride

Concen: 19.072 ug/l

RT: 8.365 min Scan# 1090

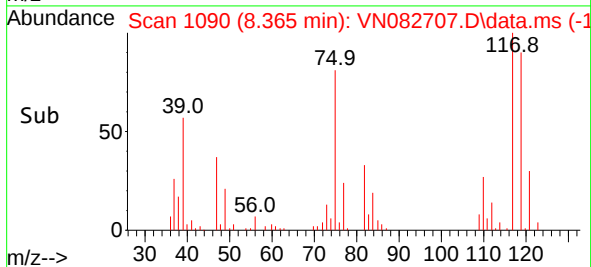
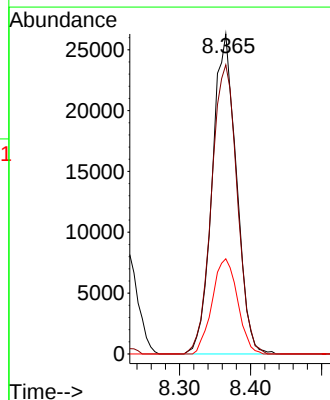
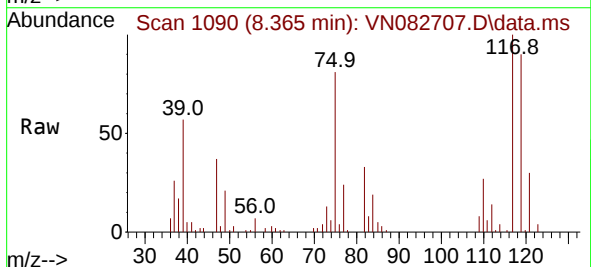
Delta R.T. 0.000 min

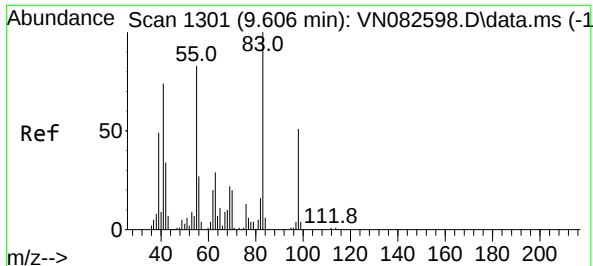
Lab File: VN082707.D

Acq: 25 Jun 2024 10:54

Tgt Ion:117 Resp: 61979

Ion	Ratio	Lower	Upper
117	100		
119	90.4	74.9	112.3
121	29.7	24.3	36.5





#39

Methylcyclohexane

Concen: 17.862 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.005 min

Lab File: VN082707.D

Acq: 25 Jun 2024 10:54

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

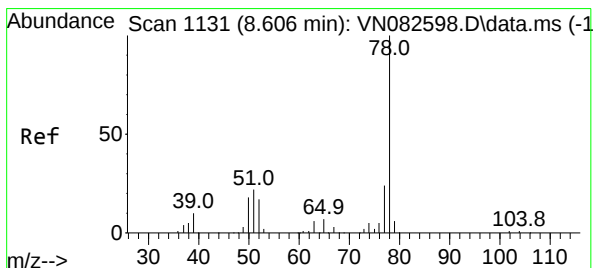
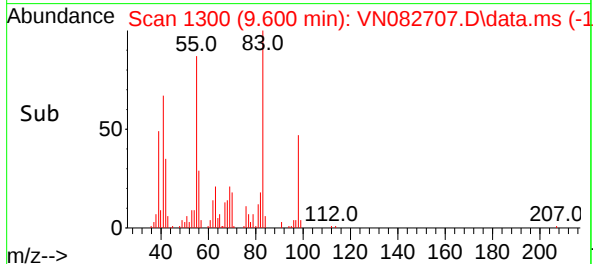
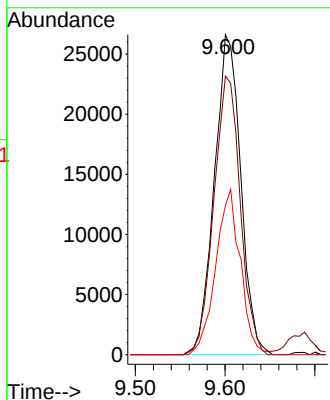
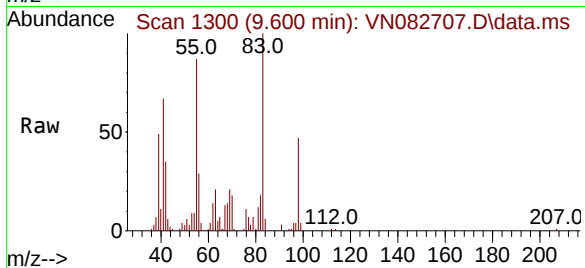
Tgt Ion: 83	Resp: 54200
Ion Ratio	Lower Upper
83	100
55	87.0 66.4 99.6
98	46.6 40.7 61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/26/2024

Supervised By :Mahesh Dadoda 06/26/2024



#40

Benzene

Concen: 19.684 ug/l

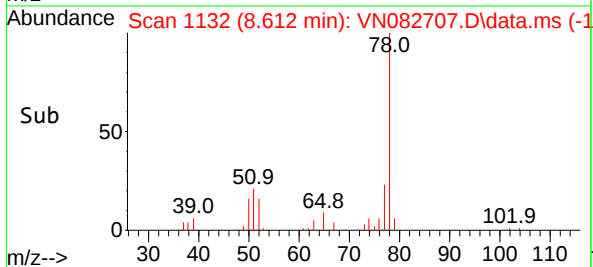
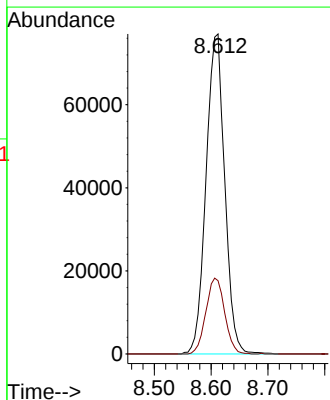
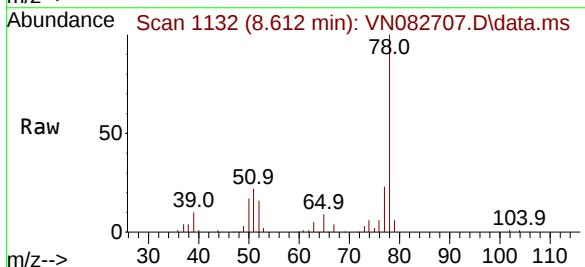
RT: 8.612 min Scan# 1132

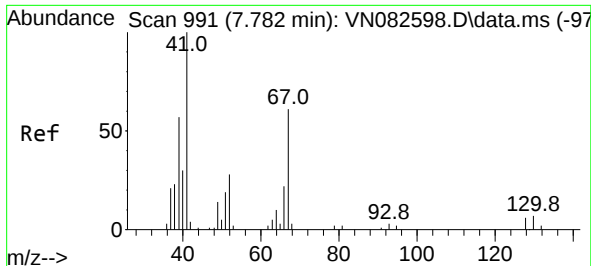
Delta R.T. 0.006 min

Lab File: VN082707.D

Acq: 25 Jun 2024 10:54

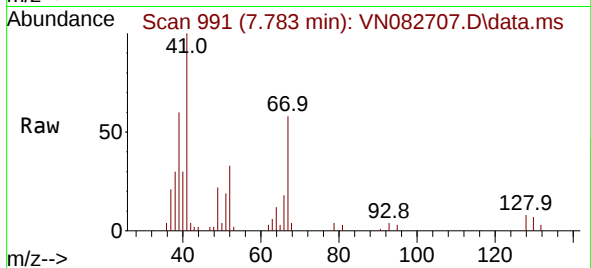
Tgt Ion: 78	Resp: 175383
Ion Ratio	Lower Upper
78	100
77	22.9 19.0 28.4





#41
Methacrylonitrile
Concen: 19.536 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

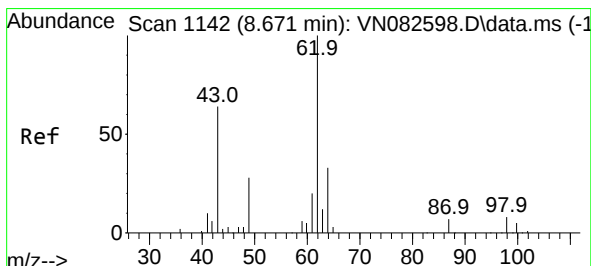
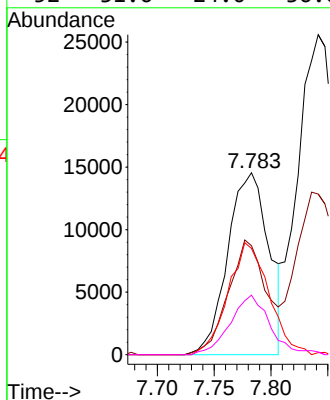
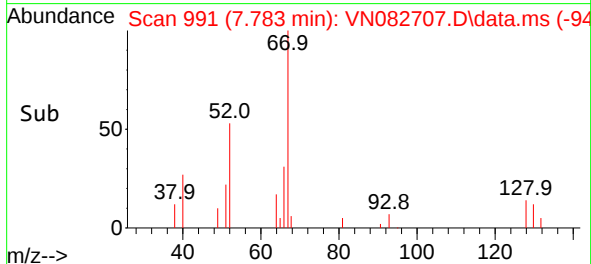
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



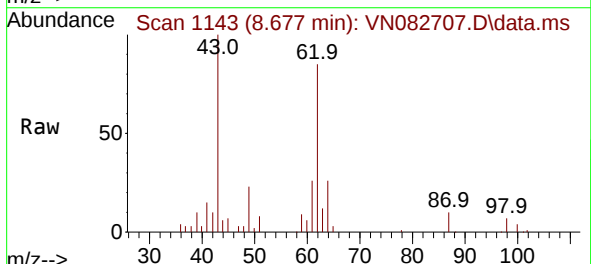
Tgt Ion: 41 Resp: 36680
Ion Ratio Lower Upper
41 100
39 58.2 45.5 68.3
67 61.2 50.5 75.7
52 31.6 24.0 36.0

Manual Integrations
APPROVED

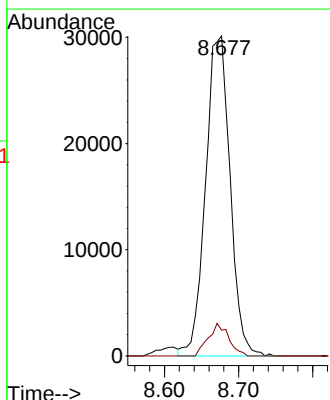
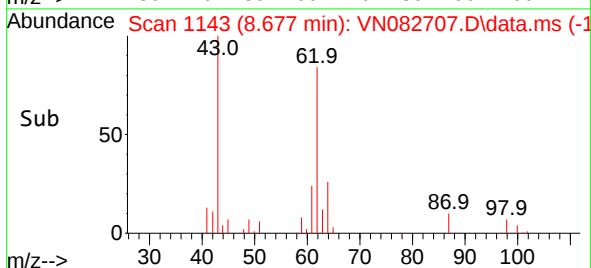
Reviewed By :John Carlone 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024

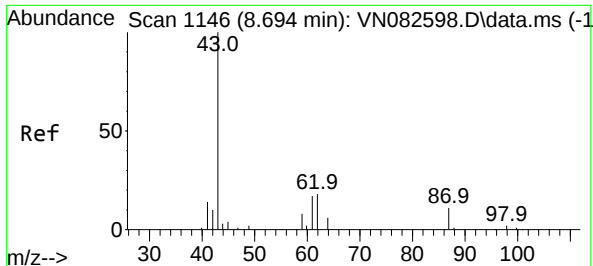


#42
1,2-Dichloroethane
Concen: 20.468 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54



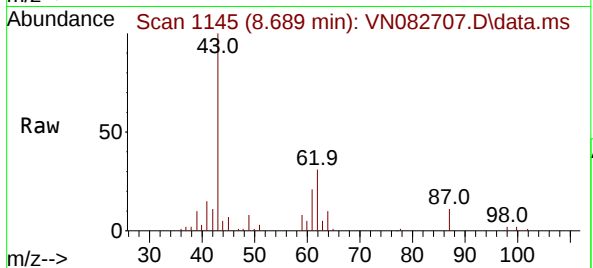
Tgt Ion: 62 Resp: 69369
Ion Ratio Lower Upper
62 100
98 8.5 0.0 15.8





#43
Isopropyl Acetate
Concen: 17.839 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. -0.005 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

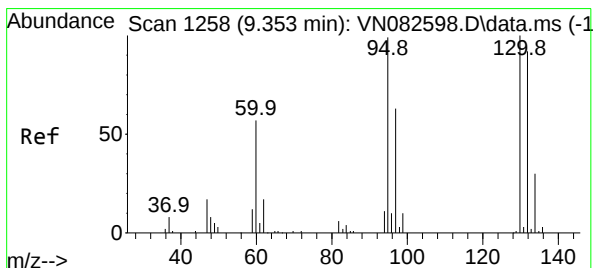
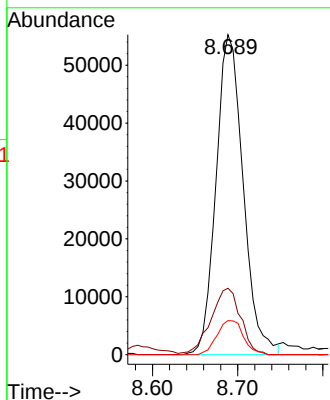
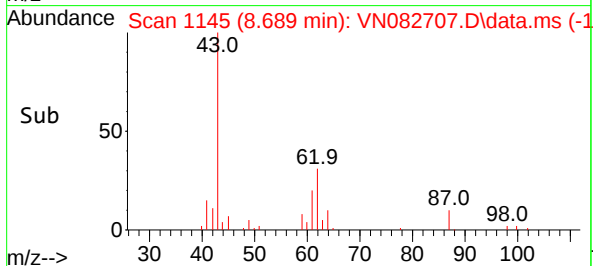
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



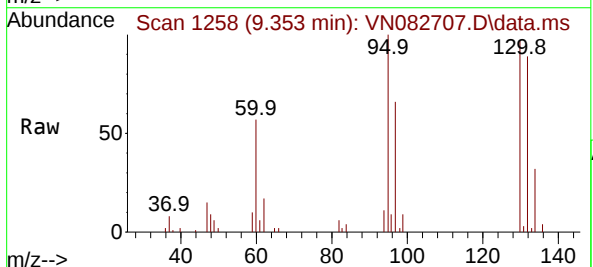
Tgt Ion: 43 Resp: 122458
Ion Ratio Lower Upper
43 100
61 22.8 17.8 26.6
87 10.4 8.2 12.2

Manual Integrations
APPROVED

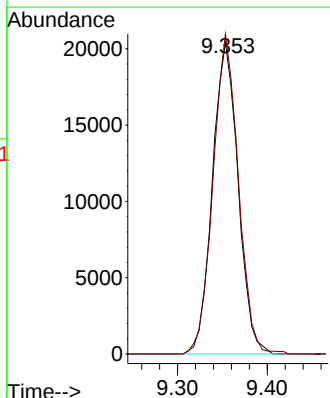
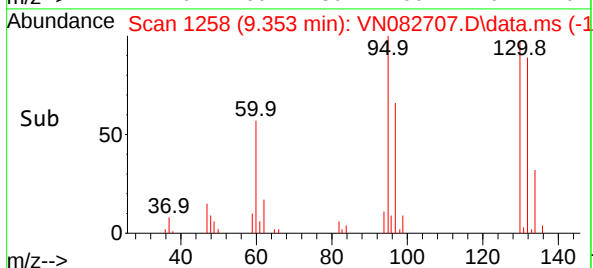
Reviewed By :John Carlone 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024



#44
Trichloroethene
Concen: 19.542 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54



Tgt Ion:130 Resp: 40432
Ion Ratio Lower Upper
130 100
95 102.8 0.0 197.8





#45

1,2-Dichloropropane

Concen: 20.364 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.005 min

Lab File: VN082707.D

Acq: 25 Jun 2024 10:54

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

Tgt Ion: 63 Resp: 46704

Ion Ratio Lower Upper

63 100

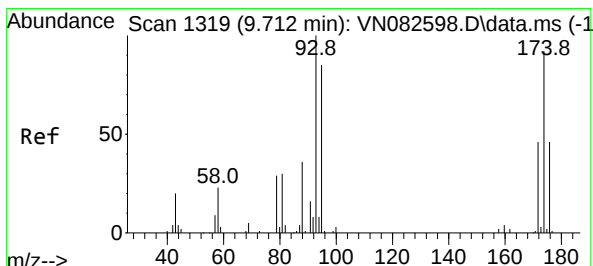
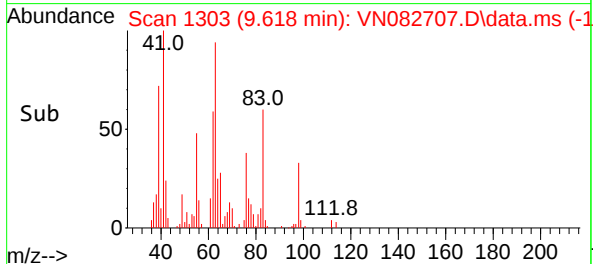
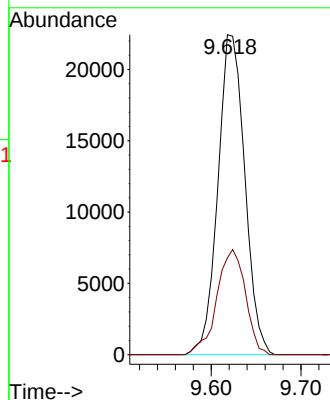
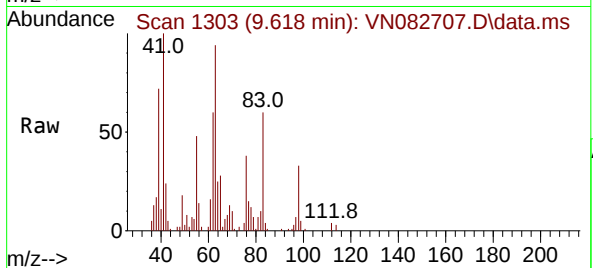
65 30.3 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/26/2024

Supervised By :Mahesh Dadoda 06/26/2024



#46

Dibromomethane

Concen: 20.380 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN082707.D

Acq: 25 Jun 2024 10:54

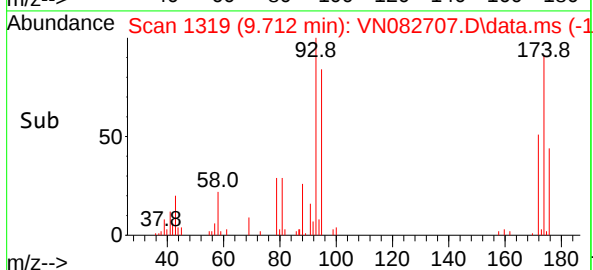
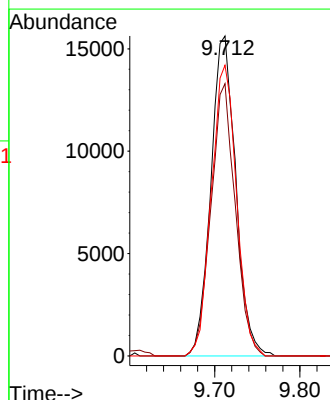
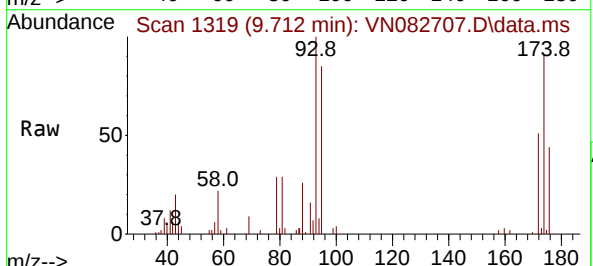
Tgt Ion: 93 Resp: 31684

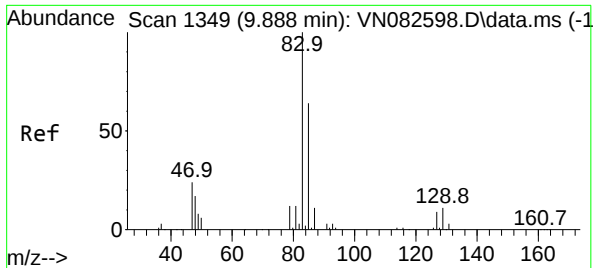
Ion Ratio Lower Upper

93 100

95 83.4 65.8 98.6

174 92.0 71.7 107.5





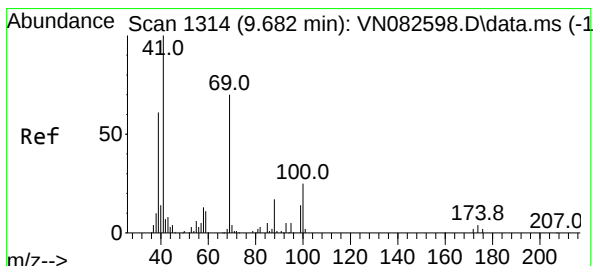
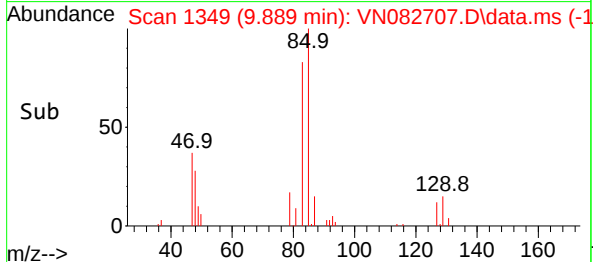
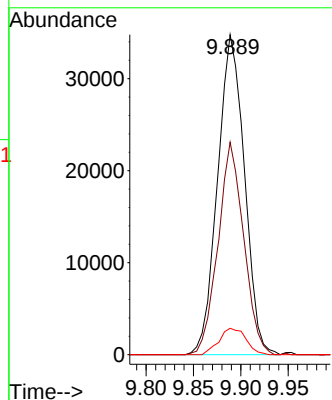
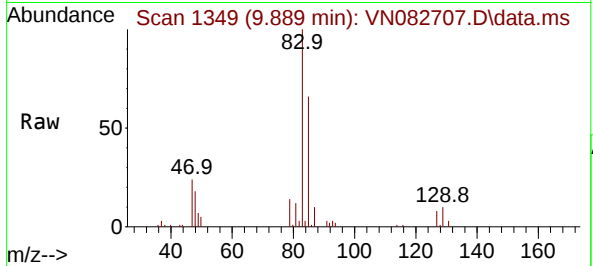
#47
Bromodichloromethane
Concen: 20.685 ug/l
RT: 9.889 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tgt Ion: 83 Resp: 6856
Ion Ratio Lower Upper
83 100
85 66.4 51.1 76.7
127 8.2 7.2 10.8

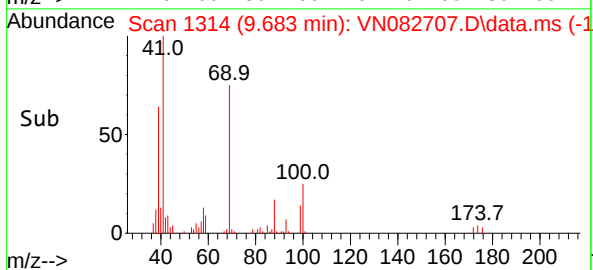
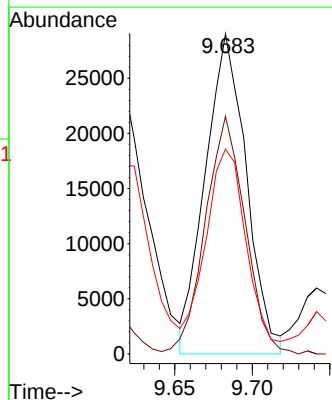
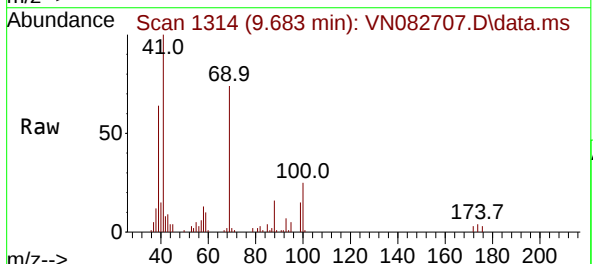
Manual Integrations
APPROVED

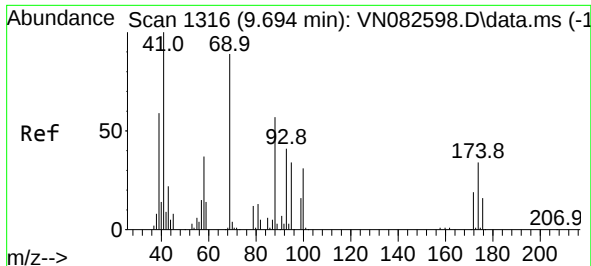
Reviewed By :John Carlone 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024



#48
Methyl methacrylate
Concen: 18.881 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.001 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

Tgt Ion: 41 Resp: 53432
Ion Ratio Lower Upper
41 100
69 72.3 56.3 84.5
39 63.7 50.3 75.5





#49

1,4-Dioxane

Concen: 401.294 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082707.D

Acq: 25 Jun 2024 10:54

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

Tgt Ion: 88 Resp: 1776

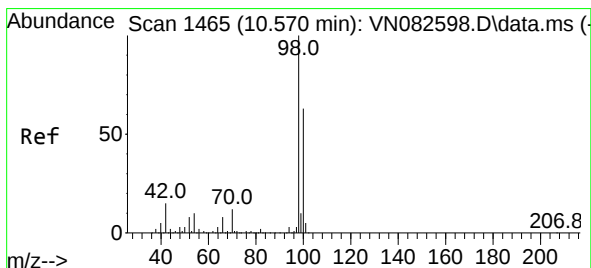
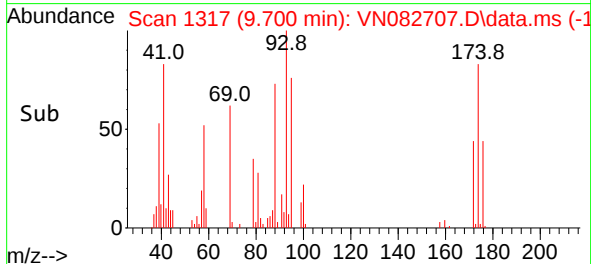
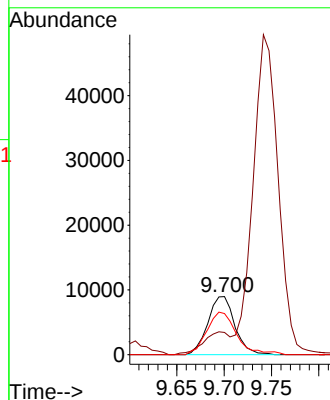
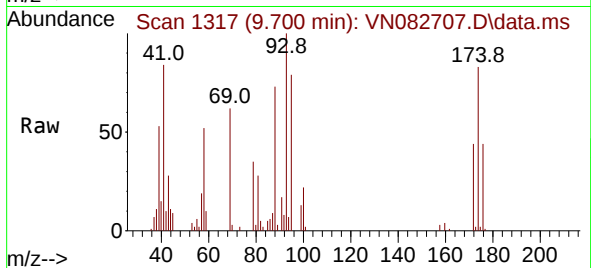
Ion	Ratio	Lower	Upper
88	100		
43	38.7	27.8	41.8
58	81.3	59.4	89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/26/2024

Supervised By :Mahesh Dadoda 06/26/2024



#50

Toluene-d8

Concen: 52.720 ug/l

RT: 10.571 min Scan# 1465

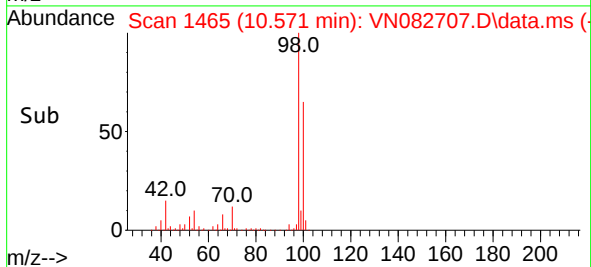
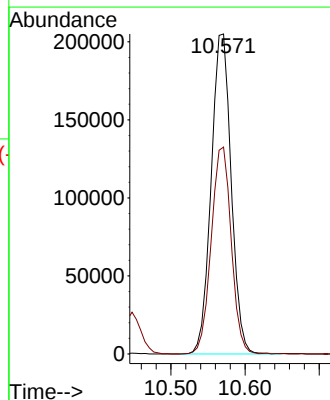
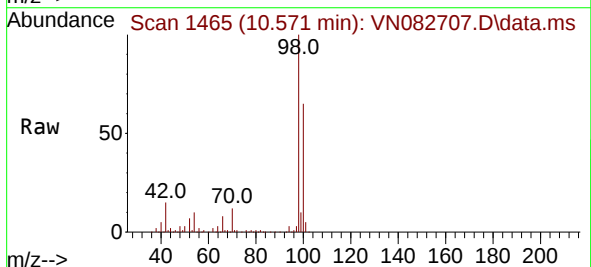
Delta R.T. 0.000 min

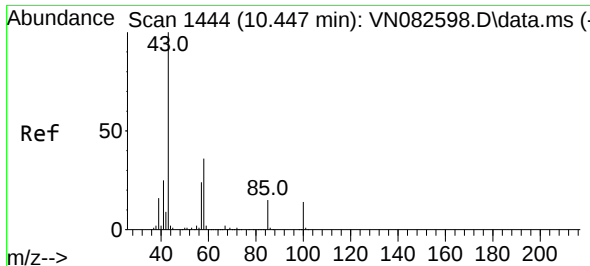
Lab File: VN082707.D

Acq: 25 Jun 2024 10:54

Tgt Ion: 98 Resp: 384580

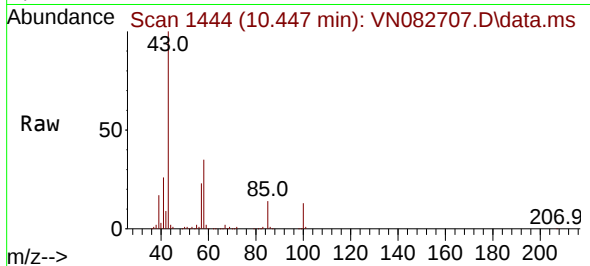
Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.5	77.3





#51
4-Methyl-2-Pentanone
Concen: 101.655 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

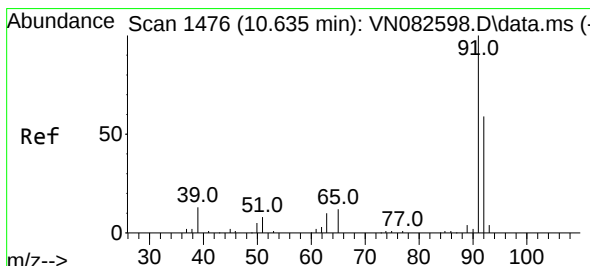
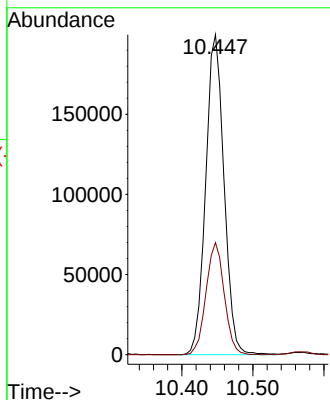
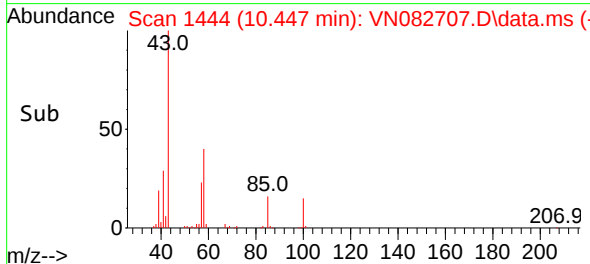
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



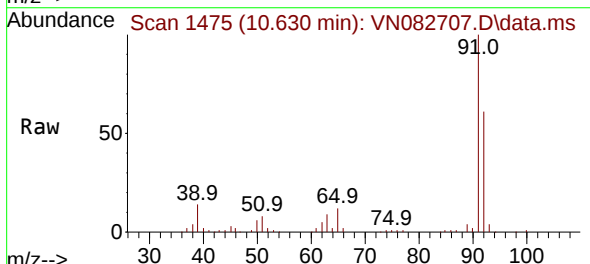
Tgt Ion: 43 Resp: 357920
Ion Ratio Lower Upper
43 100
58 34.8 28.2 42.4

Manual Integrations
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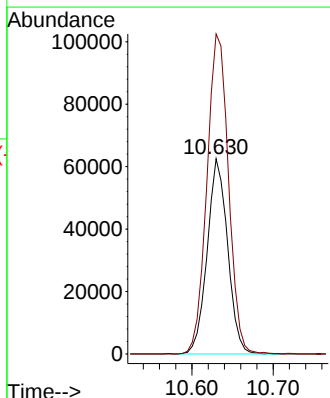
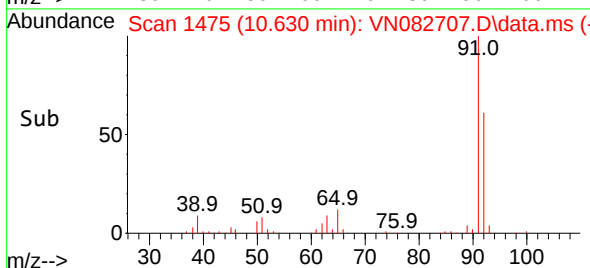
Reviewed By :John Carlone 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024

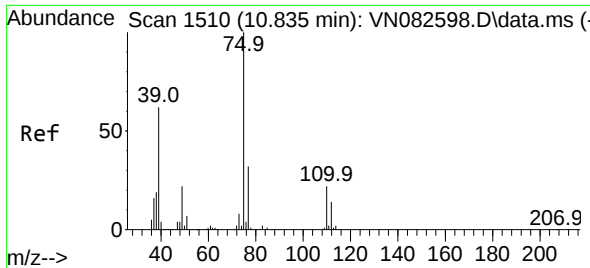


#52
Toluene
Concen: 20.243 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.005 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54



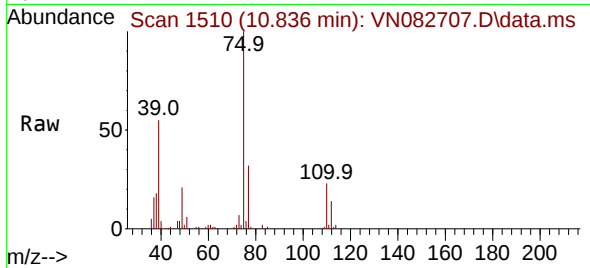
Tgt Ion: 92 Resp: 109307
Ion Ratio Lower Upper
92 100
91 173.1 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 20.485 ug/l
RT: 10.836 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

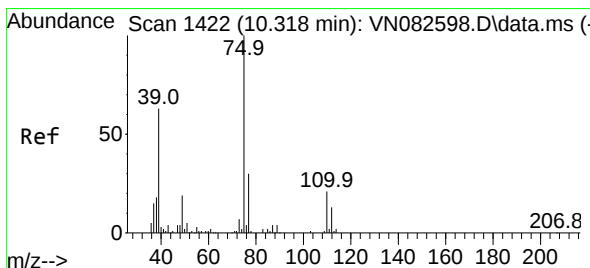
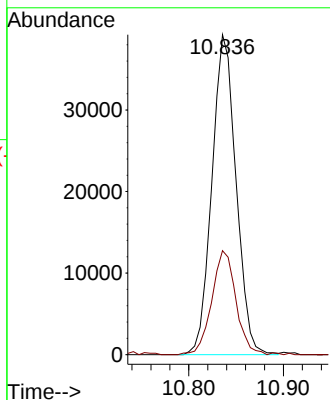
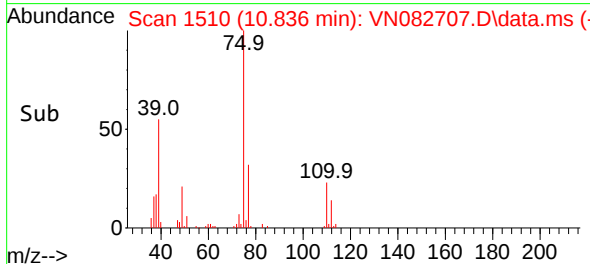
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



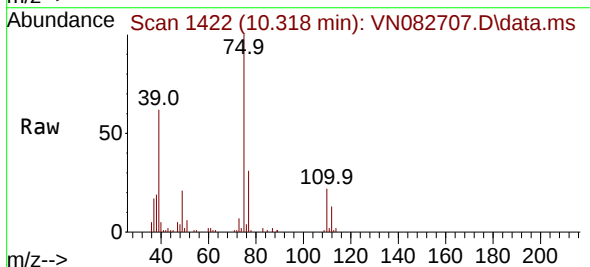
Tgt Ion: 75 Resp: 69409
Ion Ratio Lower Upper
75 100
77 32.5 25.7 38.5

Manual Integrations
APPROVED

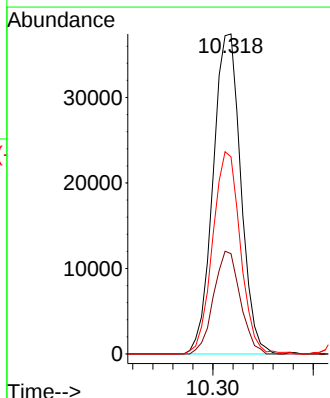
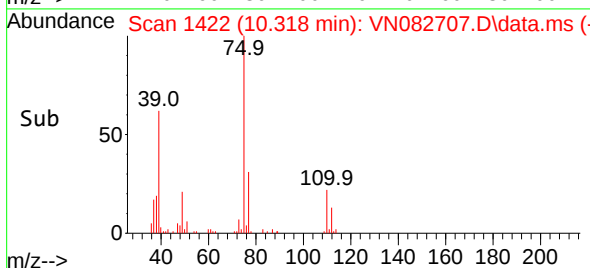
Reviewed By :John Carlone 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024

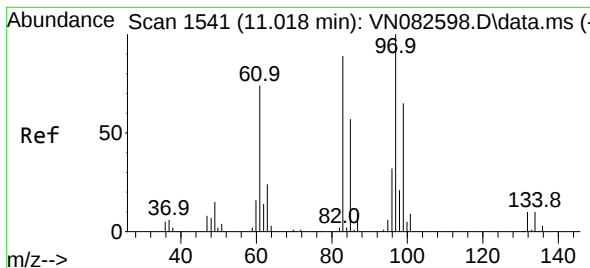


#54
cis-1,3-Dichloropropene
Concen: 20.495 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54



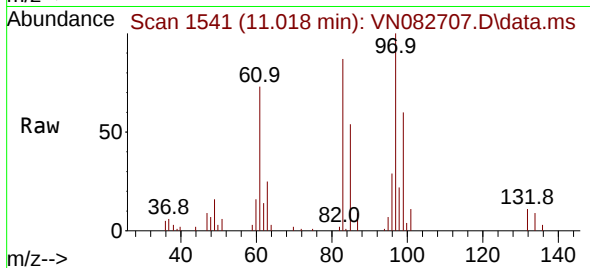
Tgt Ion: 75 Resp: 71811
Ion Ratio Lower Upper
75 100
77 31.3 24.3 36.5
39 61.6 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 21.543 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

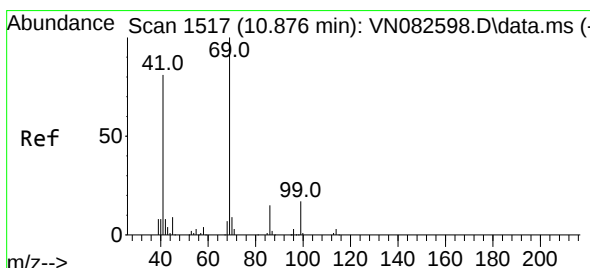
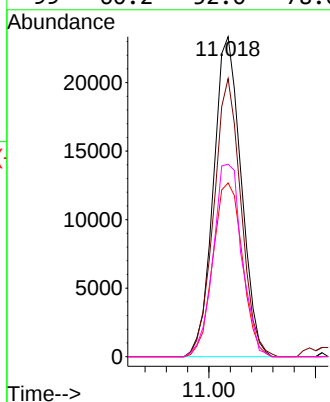
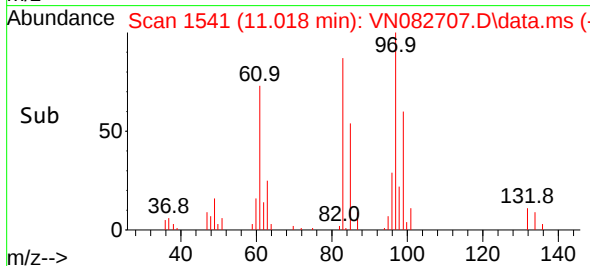
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



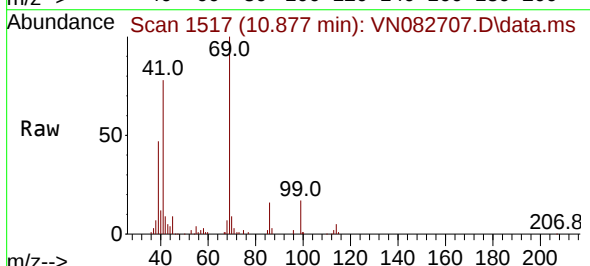
Tgt Ion: 97 Resp: 4210
Ion Ratio Lower Upper
97 100
83 86.9 71.4 107.0
85 54.3 45.8 68.6
99 60.2 52.0 78.0

Manual Integrations
APPROVED

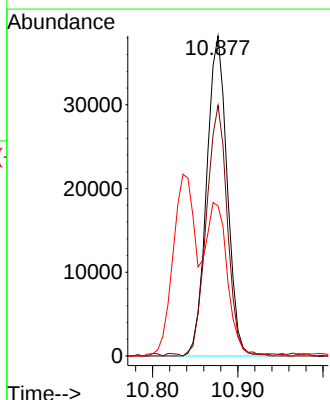
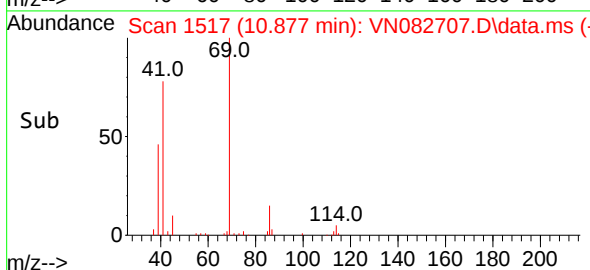
Reviewed By :John Carlone 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024

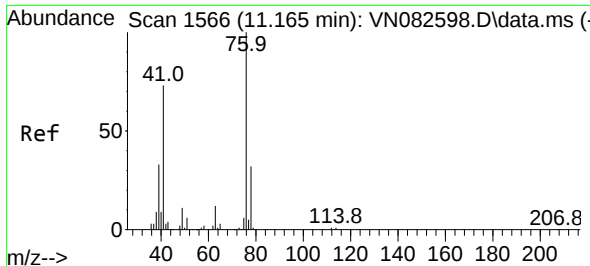


#56
Ethyl methacrylate
Concen: 19.734 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54



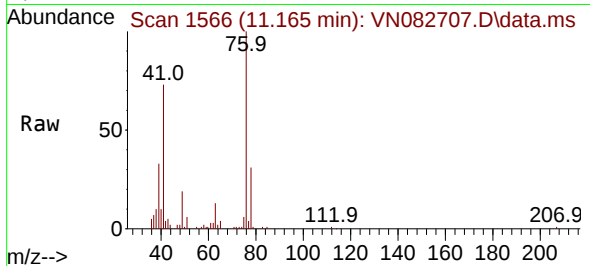
Tgt Ion: 69 Resp: 63879
Ion Ratio Lower Upper
69 100
41 80.1 63.4 95.2
39 46.2 37.4 56.0





#57
1,3-Dichloropropane
Concen: 20.687 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

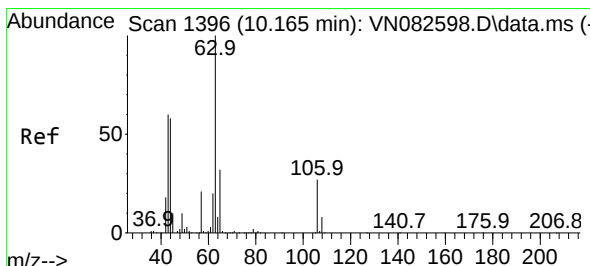
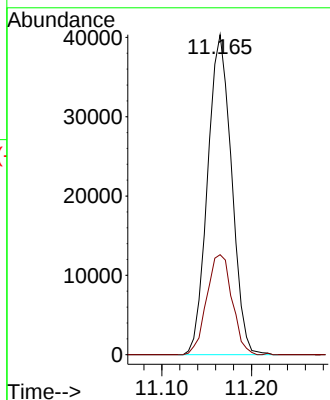
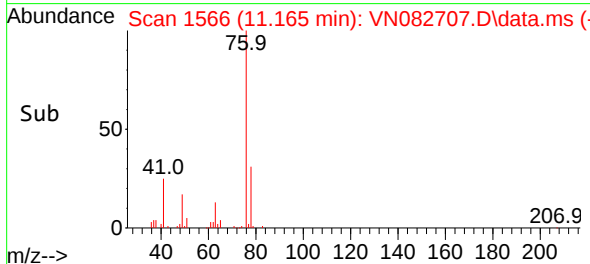
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



Tgt Ion: 76 Resp: 74744
Ion Ratio Lower Upper
76 100
78 33.0 25.6 38.4

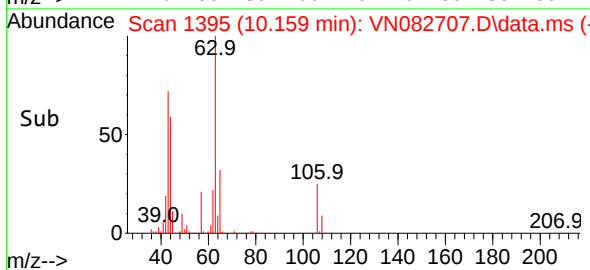
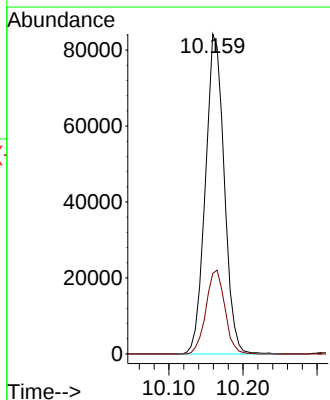
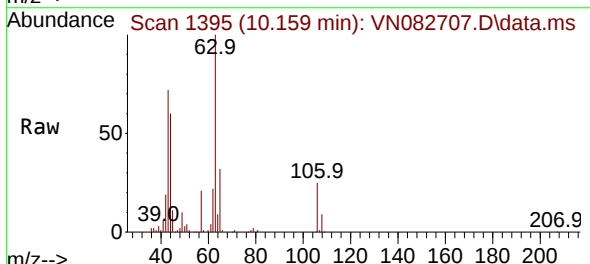
Manual Integrations
APPROVED

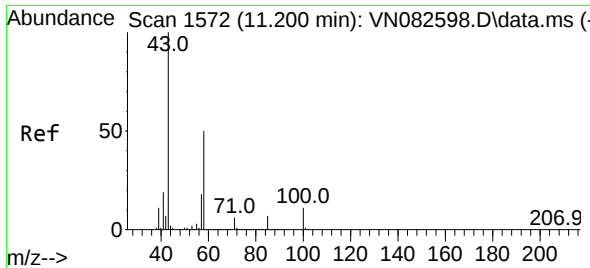
Reviewed By :John Carlone 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024



#58
2-Chloroethyl Vinyl ether
Concen: 86.657 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.005 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

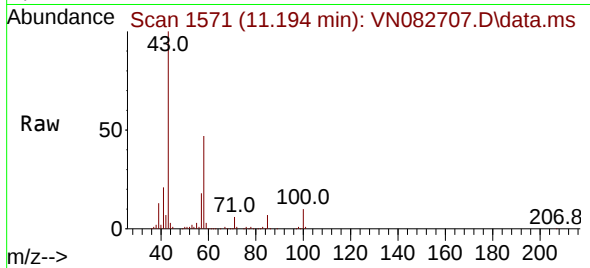
Tgt Ion: 63 Resp: 148388
Ion Ratio Lower Upper
63 100
106 26.2 21.4 32.0





#59
2-Hexanone
Concen: 98.458 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.005 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

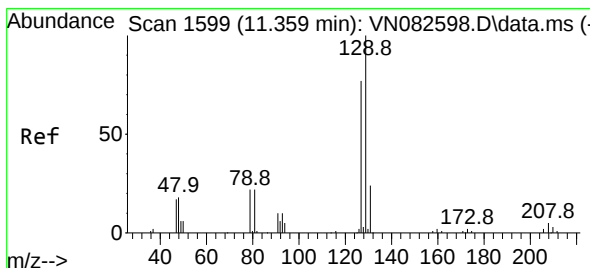
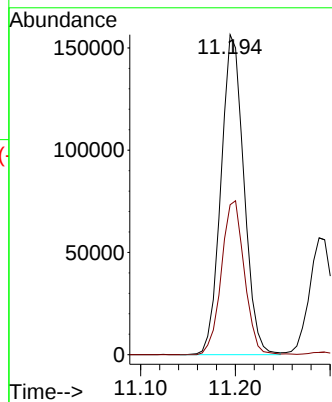
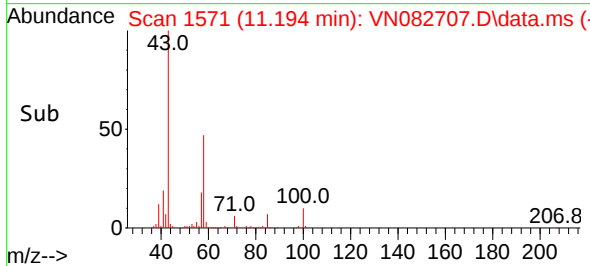
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



Tgt Ion: 43 Resp: 263480
Ion Ratio Lower Upper
43 100
58 48.2 24.6 73.8

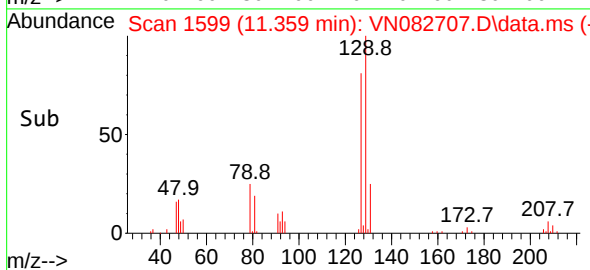
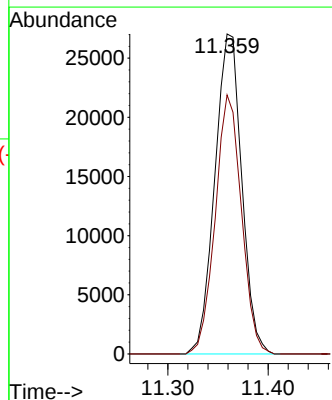
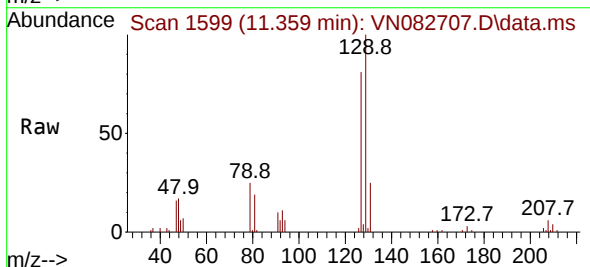
Manual Integrations
APPROVED

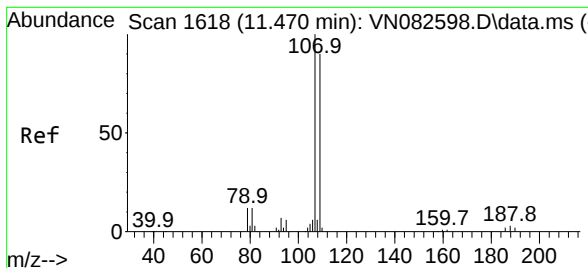
Reviewed By :John Carlone 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024



#60
Dibromochloromethane
Concen: 21.188 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

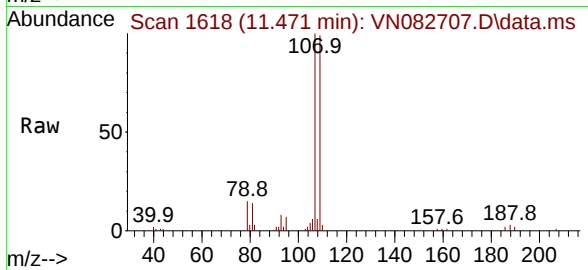
Tgt Ion:129 Resp: 50549
Ion Ratio Lower Upper
129 100
127 78.6 39.2 117.6





#61
1,2-Dibromoethane
Concen: 20.396 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

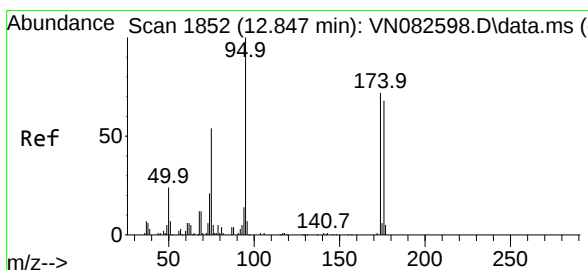
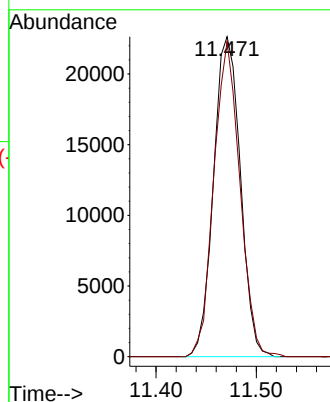
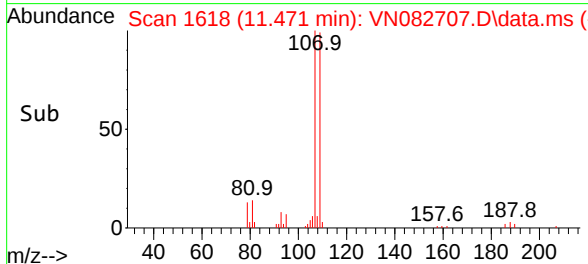
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



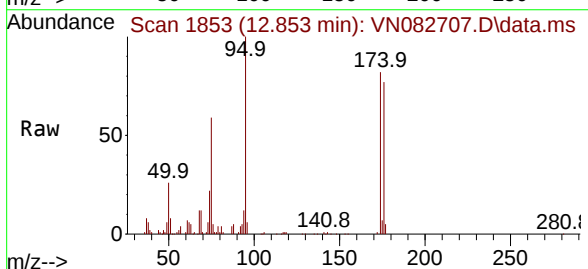
Tgt Ion:107 Resp: 42028
Ion Ratio Lower Upper
107 100
109 95.8 73.7 110.5

Manual Integrations
APPROVED

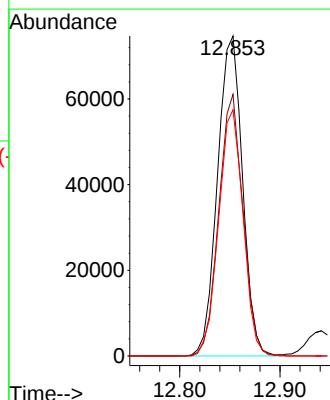
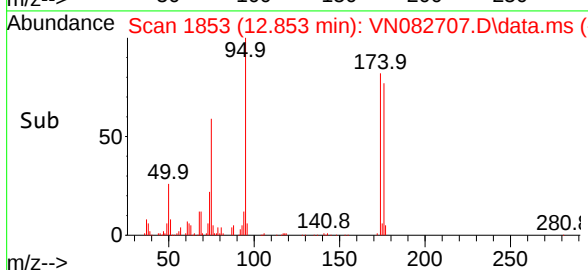
Reviewed By :John Carlone 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024

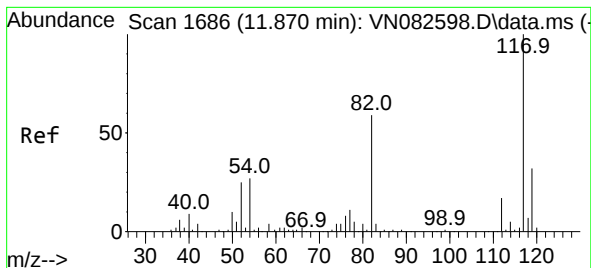


#62
4-Bromofluorobenzene
Concen: 51.424 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54



Tgt Ion: 95 Resp: 129330
Ion Ratio Lower Upper
95 100
174 79.4 0.0 159.2
176 75.2 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN082707.D

Acq: 25 Jun 2024 10:54

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

Tgt Ion:117 Resp: 25946

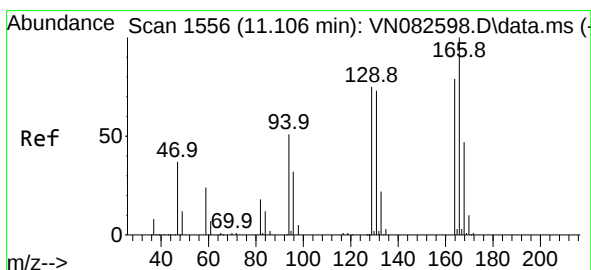
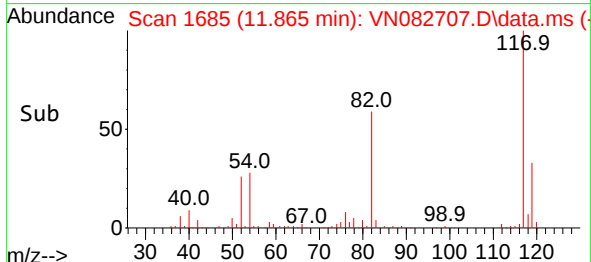
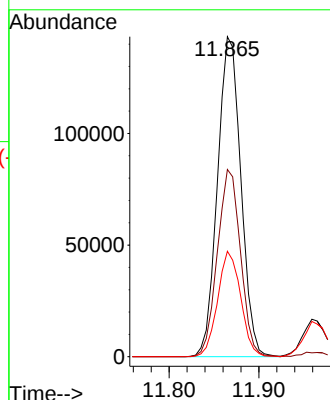
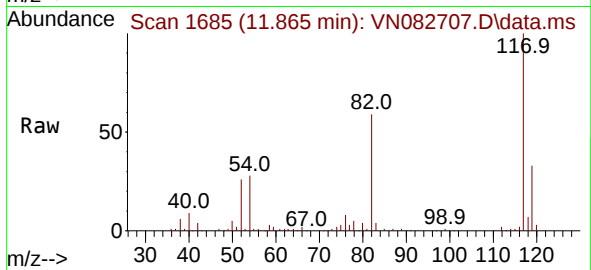
Ion	Ratio	Lower	Upper
117	100		
82	58.5	47.5	71.3
119	33.0	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/26/2024

Supervised By :Mahesh Dadoda 06/26/2024



#64

Tetrachloroethene

Concen: 18.529 ug/l

RT: 11.106 min Scan# 1556

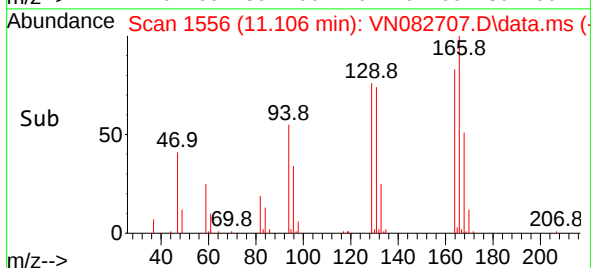
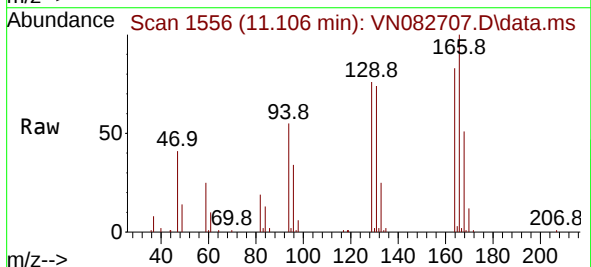
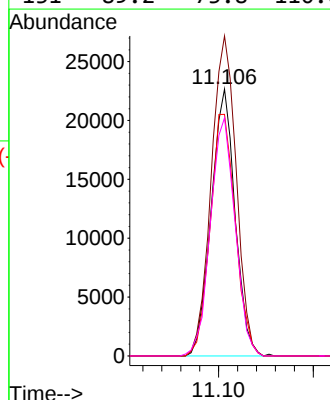
Delta R.T. 0.000 min

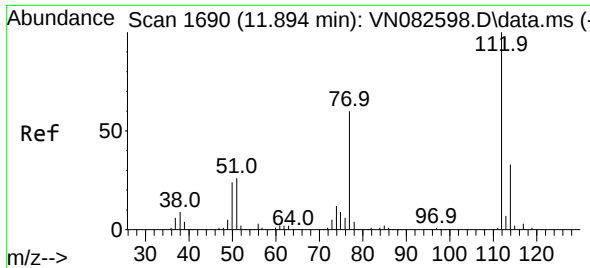
Lab File: VN082707.D

Acq: 25 Jun 2024 10:54

Tgt Ion:164 Resp: 39639

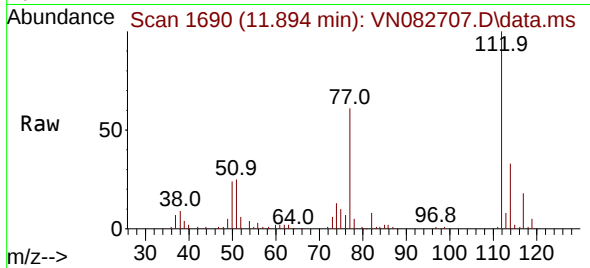
Ion	Ratio	Lower	Upper
164	100		
166	119.9	101.4	152.0
129	90.5	75.7	113.5
131	89.2	73.8	110.6





#65
Chlorobenzene
Concen: 19.575 ug/l
RT: 11.894 min Scan# 116469
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

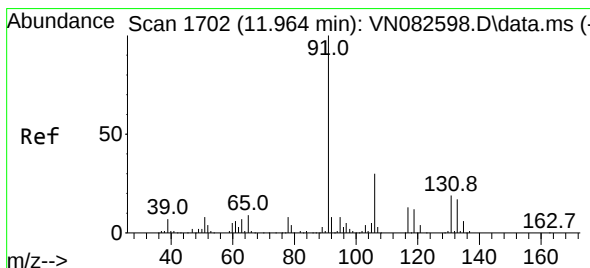
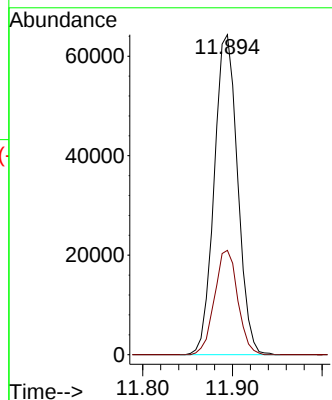
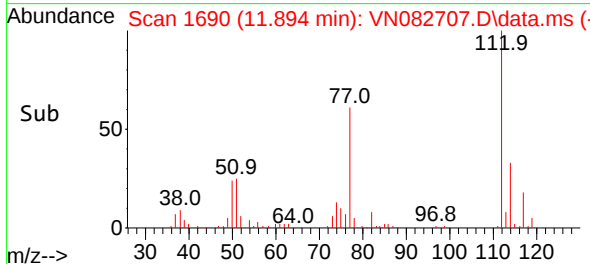
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



Tgt Ion:112 Resp: 116469
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.2

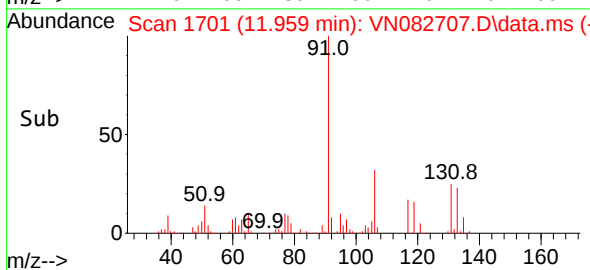
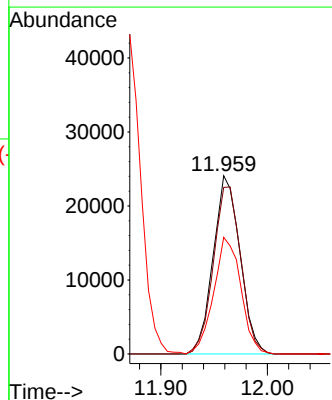
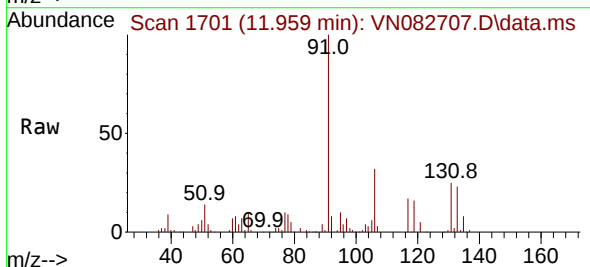
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.851 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.005 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

Tgt Ion:131 Resp: 42117
Ion Ratio Lower Upper
131 100
133 96.3 47.3 142.0
119 66.2 32.5 97.4





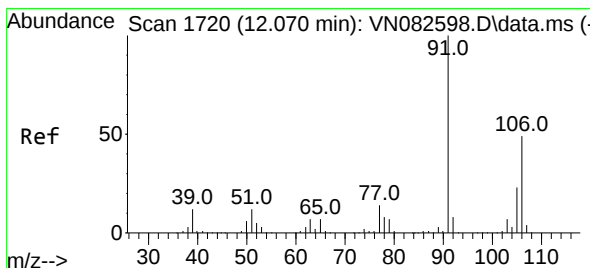
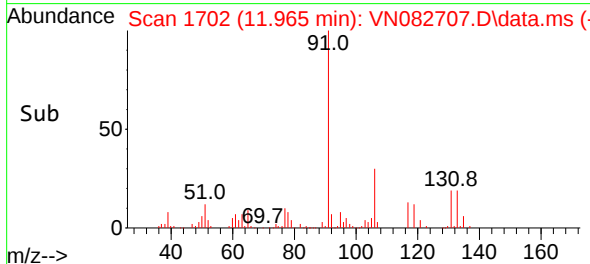
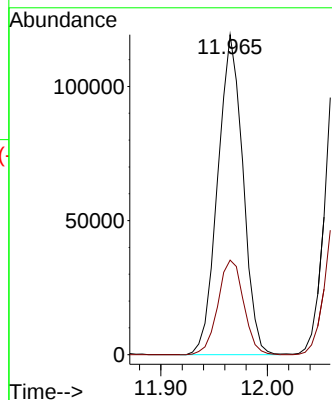
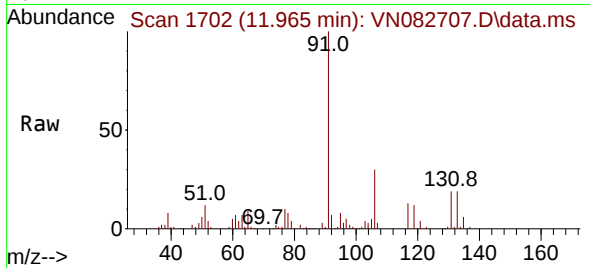
#67
Ethyl Benzene
Concen: 19.315 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tgt Ion: 91 Resp: 195823
Ion Ratio Lower Upper
91 100
106 29.5 24.0 36.0

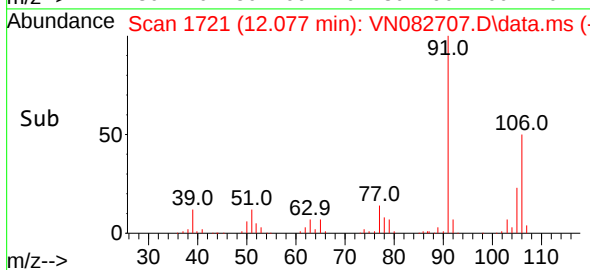
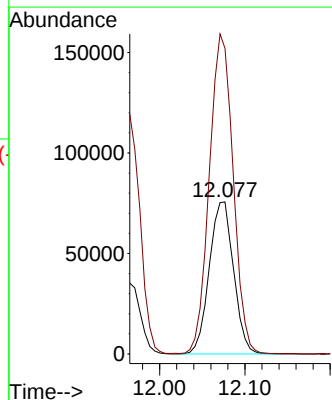
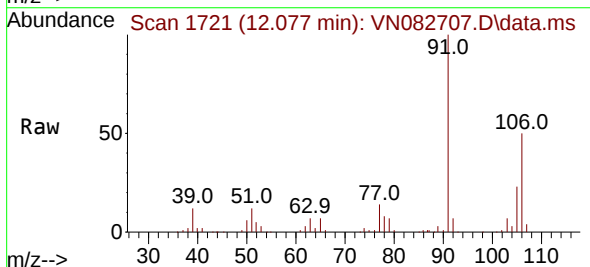
Manual Integrations
APPROVED

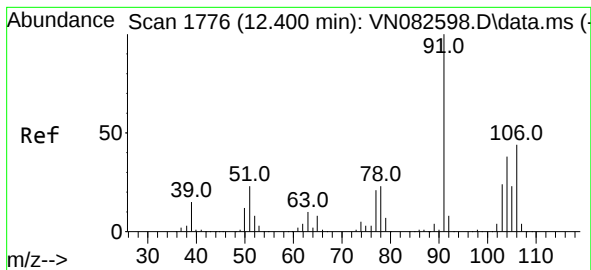
Reviewed By :John Carlone 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024



#68
m/p-Xylenes
Concen: 39.711 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

Tgt Ion:106 Resp: 149777
Ion Ratio Lower Upper
106 100
91 206.4 166.1 249.1





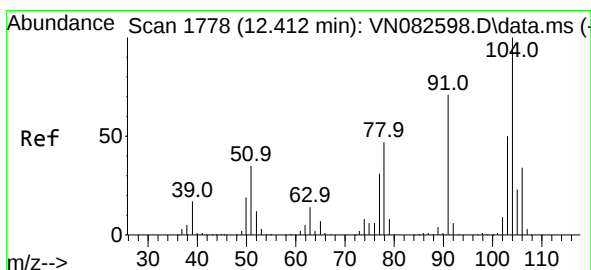
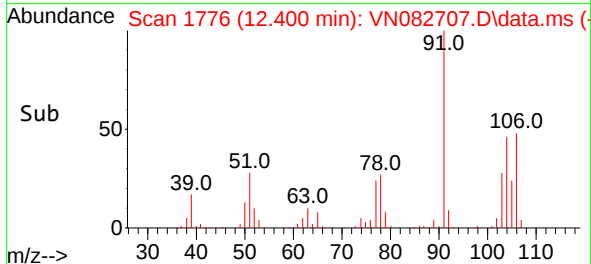
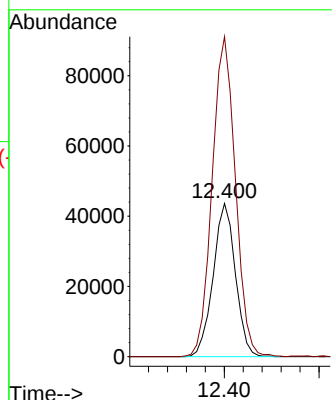
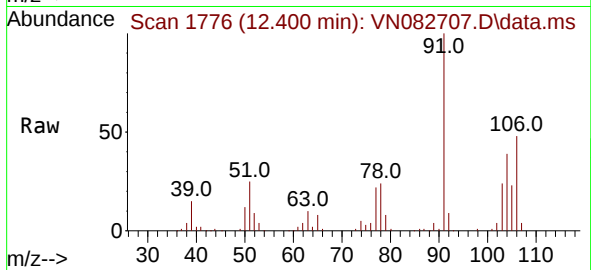
#69
o-Xylene
Concen: 20.056 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tgt Ion:106 Resp: 71069
Ion Ratio Lower Upper
106 100
91 217.8 111.3 333.9

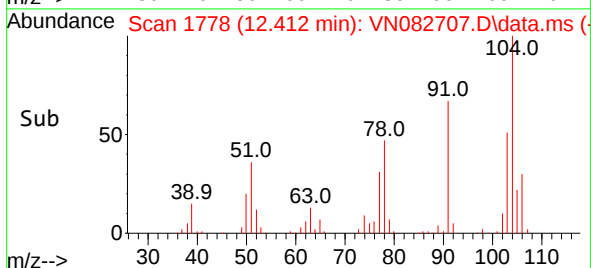
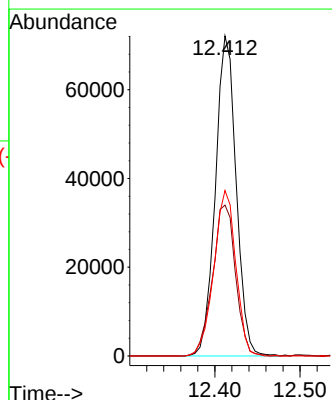
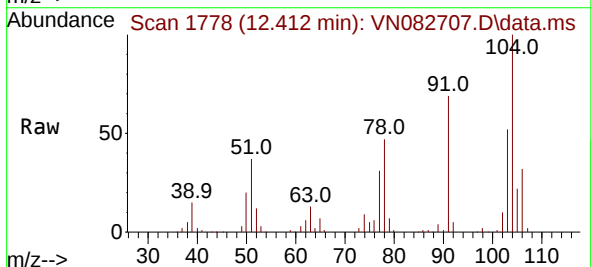
Manual Integrations
APPROVED

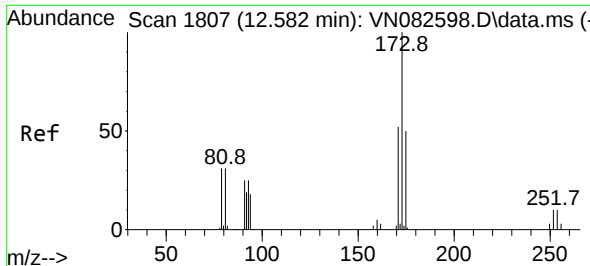
Reviewed By :John Carlone 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024



#70
Styrene
Concen: 20.325 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

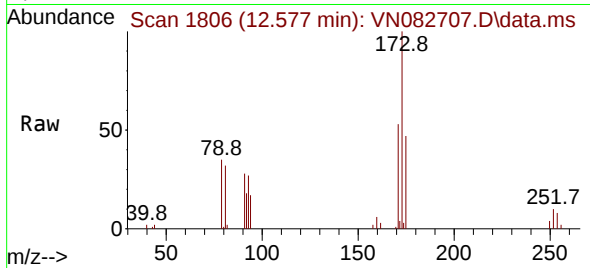
Tgt Ion:104 Resp: 122241
Ion Ratio Lower Upper
104 100
78 52.4 41.6 62.4
103 54.6 44.0 66.0





#71
Bromoform
Concen: 20.644 ug/l
RT: 12.577 min Scan# 1806
Delta R.T. -0.005 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

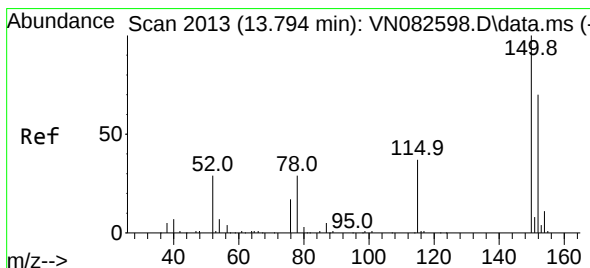
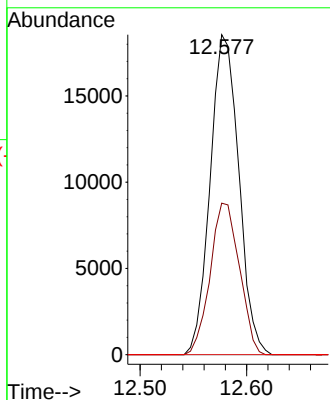
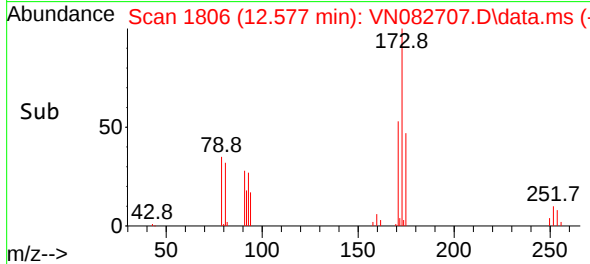
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



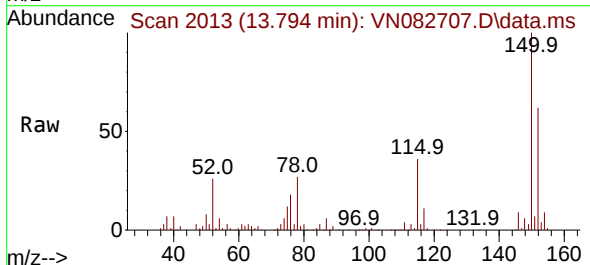
Tgt Ion:173 Resp: 34628
Ion Ratio Lower Upper
173 100
175 48.4 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
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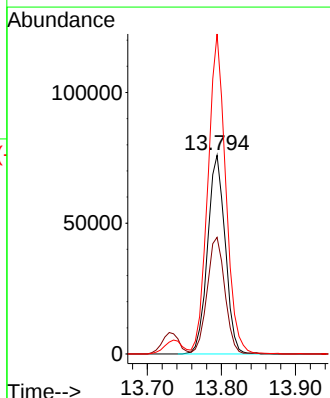
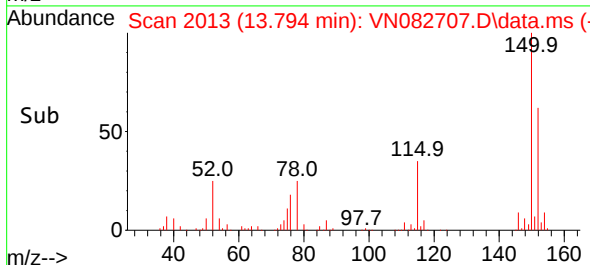
Reviewed By :John Carlone 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024

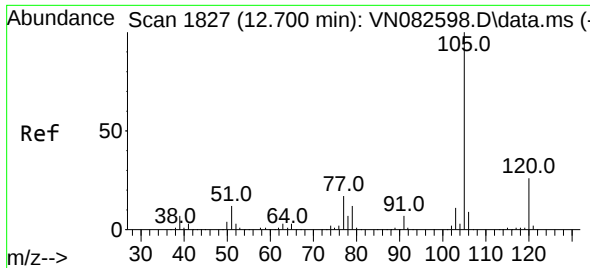


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54



Tgt Ion:152 Resp: 125309
Ion Ratio Lower Upper
152 100
115 59.2 30.6 91.6
150 163.2 0.0 348.6





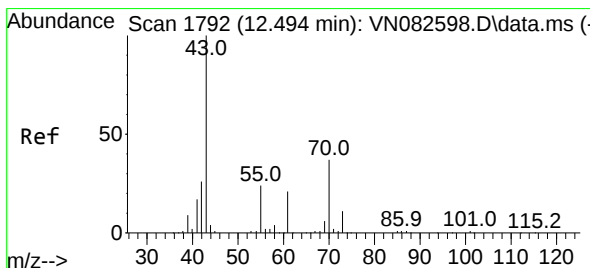
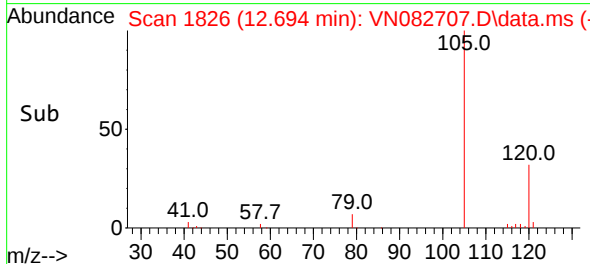
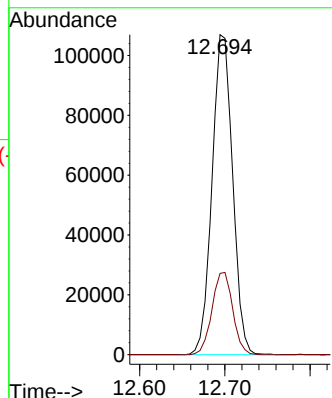
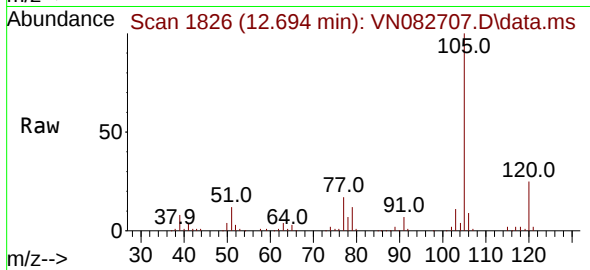
#73
Isopropylbenzene
Concen: 18.869 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.005 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tgt Ion:105 Resp: 179549
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.6

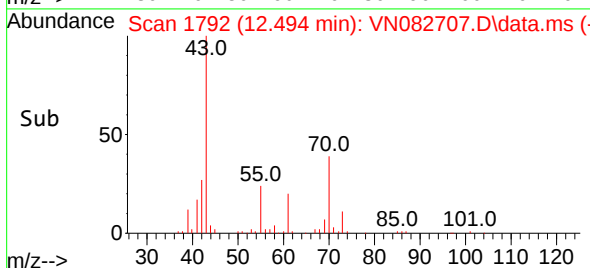
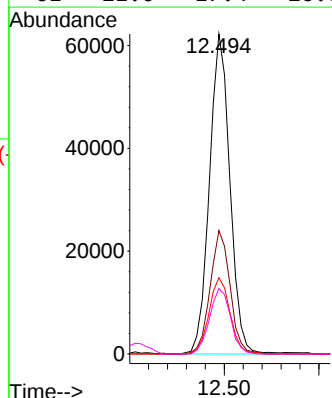
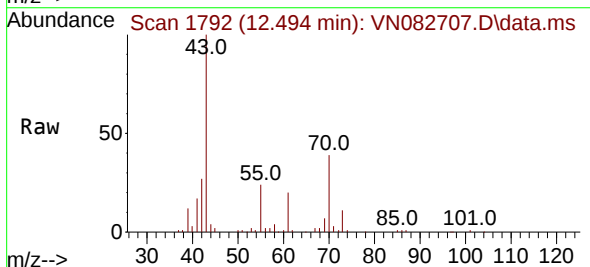
Manual Integrations
APPROVED

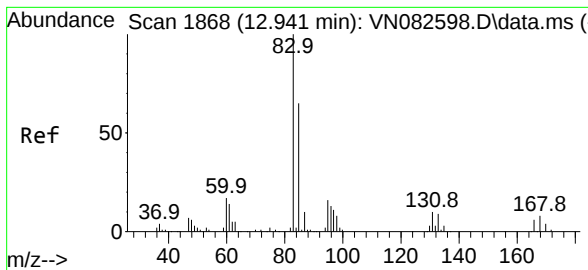
Reviewed By :John Carlone 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024



#74
N-ethyl acetate
Concen: 18.410 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

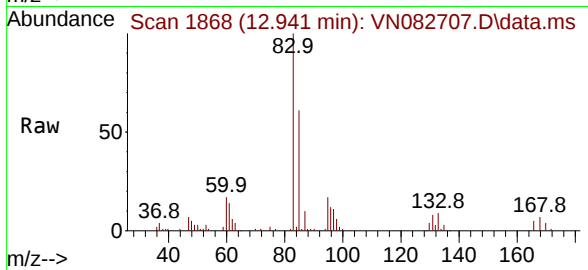
Tgt Ion: 43 Resp: 93491
Ion Ratio Lower Upper
43 100
70 37.6 29.8 44.6
55 24.4 18.7 28.1
61 21.0 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 20.120 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

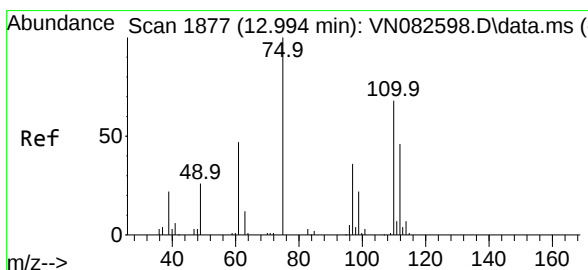
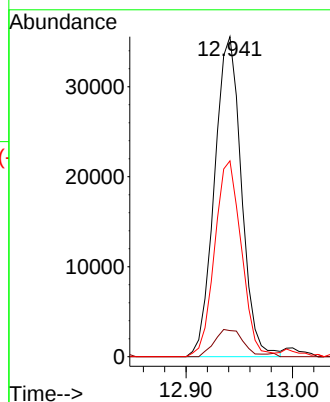
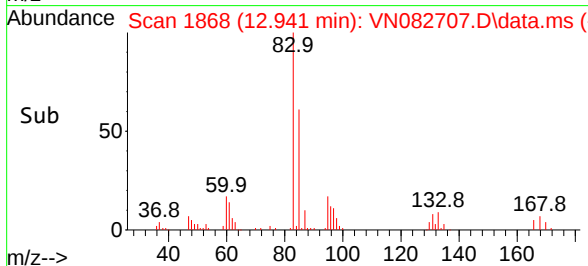
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



Tgt Ion: 83 Resp: 62448
Ion Ratio Lower Upper
83 100
131 9.4 5.0 14.9
85 60.8 31.9 95.7

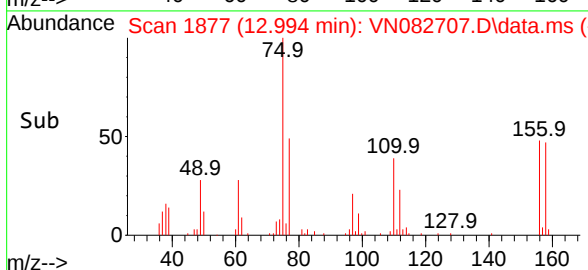
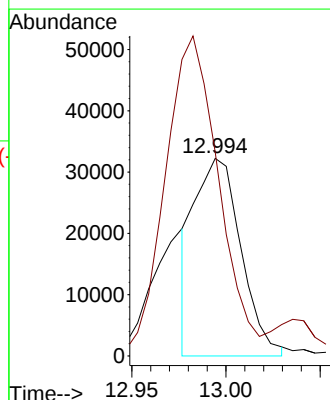
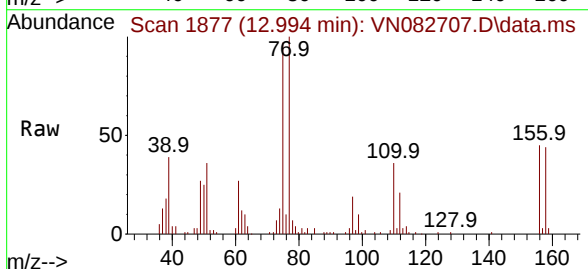
Manual Integrations
APPROVED

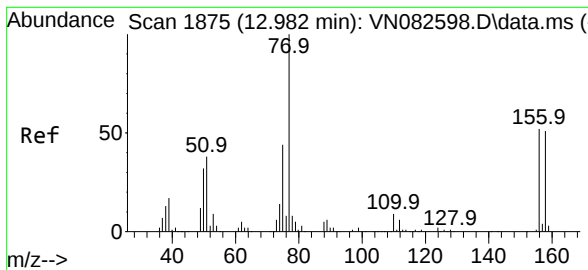
Reviewed By :John Carlone 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024



#76
1,2,3-Trichloropropane
Concen: 18.087 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

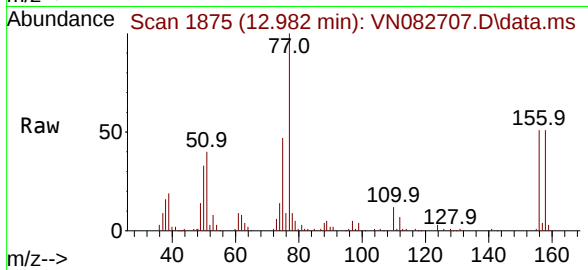
Tgt Ion: 75 Resp: 55435
Ion Ratio Lower Upper
75 100
77 186.4 110.9 332.6





#77
Bromobenzene
Concen: 19.276 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

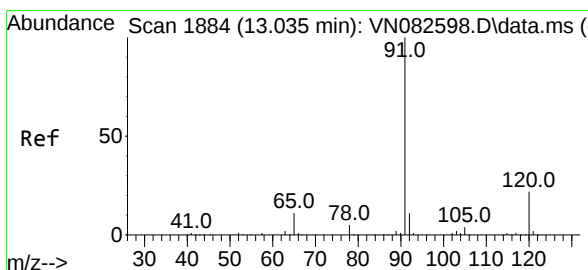
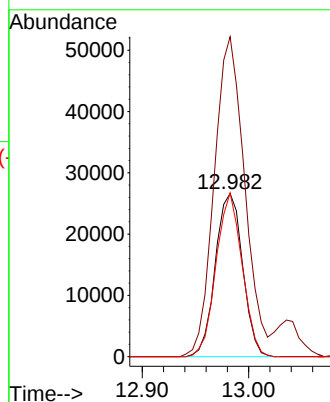
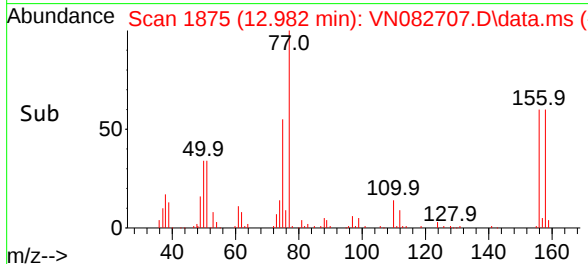
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



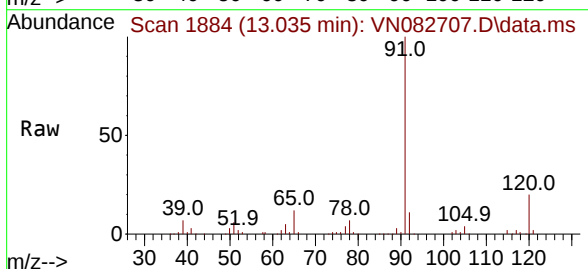
Tgt Ion:156 Resp: 4721
Ion Ratio Lower Upper
156 100
77 218.9 111.3 333.8
158 96.1 48.3 144.9

Manual Integrations
APPROVED

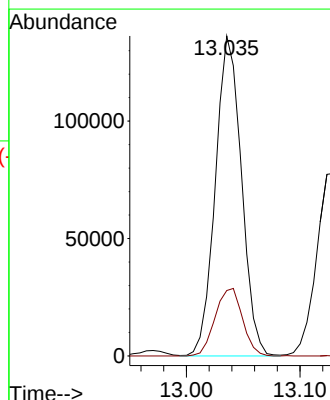
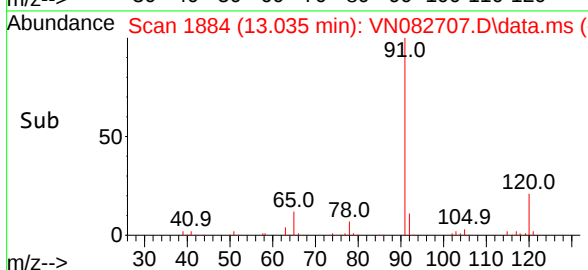
Reviewed By :John Carlone 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024

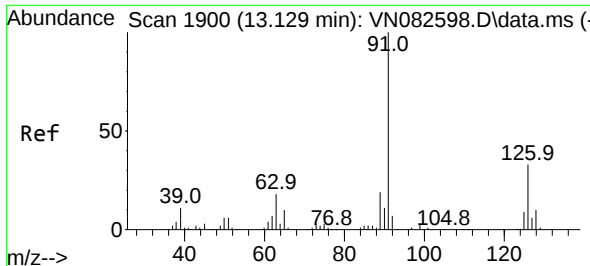


#78
n-propylbenzene
Concen: 19.326 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54



Tgt Ion: 91 Resp: 217522
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.9





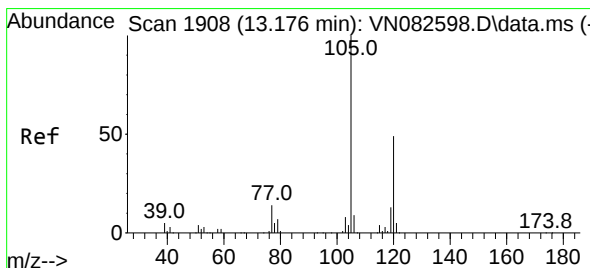
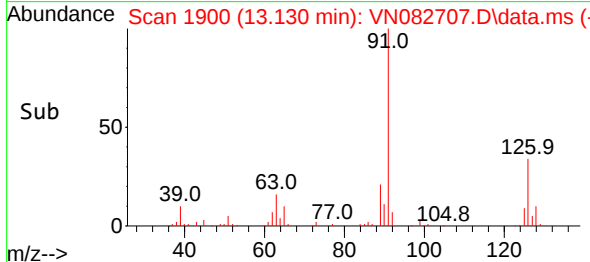
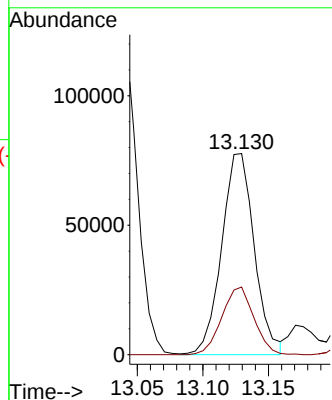
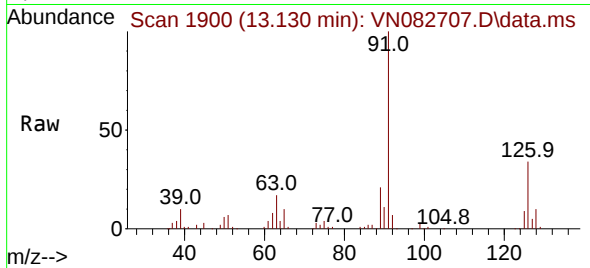
#79
2-Chlorotoluene
Concen: 19.097 ug/l
RT: 13.130 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tgt Ion: 91 Resp: 134798
Ion Ratio Lower Upper
91 100
126 33.0 16.2 48.6

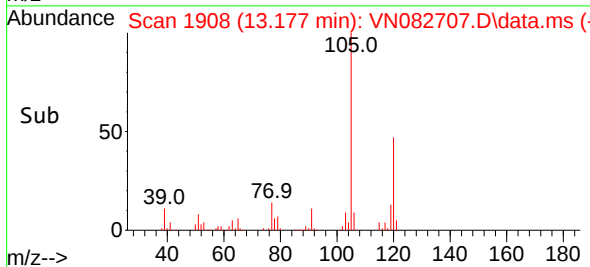
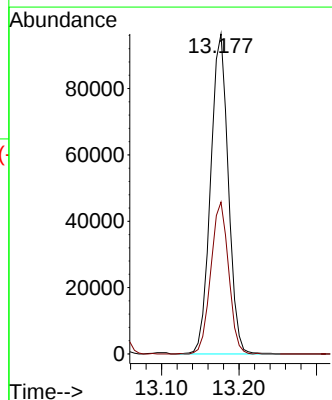
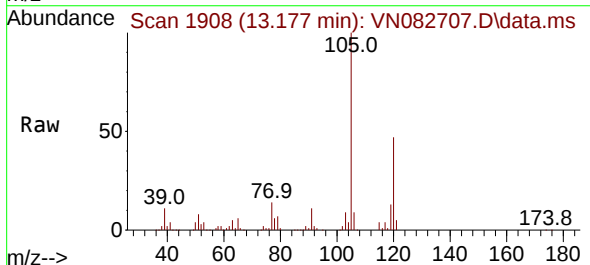
Manual Integrations
APPROVED

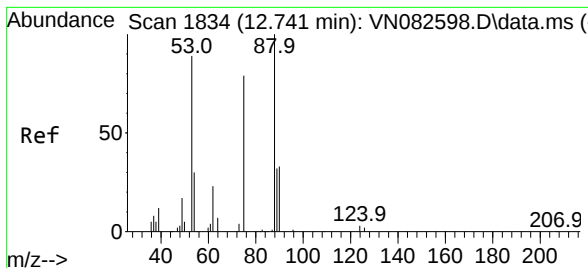
Reviewed By :John Carlone 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024



#80
1,3,5-Trimethylbenzene
Concen: 19.761 ug/l
RT: 13.177 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

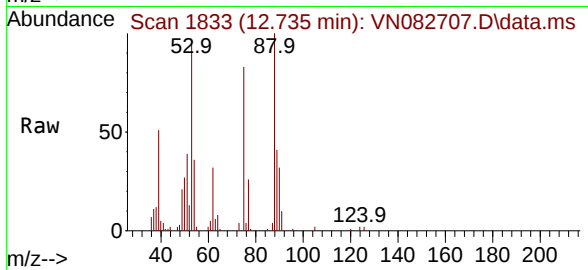
Tgt Ion:105 Resp: 152597
Ion Ratio Lower Upper
105 100
120 47.7 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 19.498 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

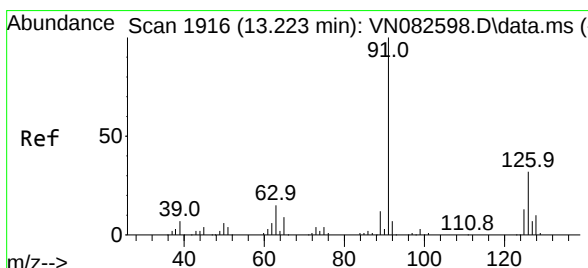
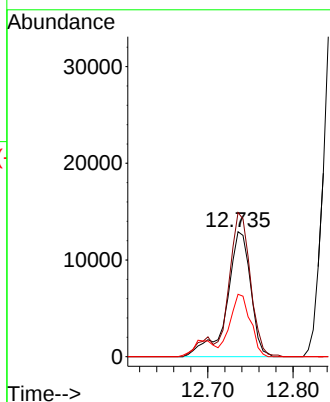
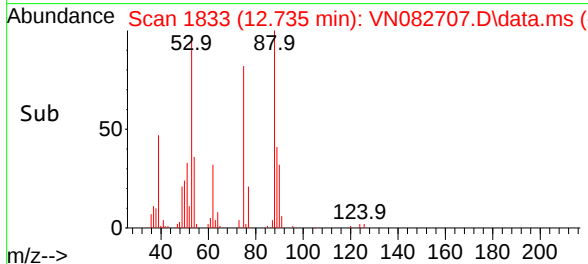
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



Tgt Ion: 75 Resp: 24978
Ion Ratio Lower Upper
75 100
53 101.3 88.4 132.6
89 42.9 36.3 54.5

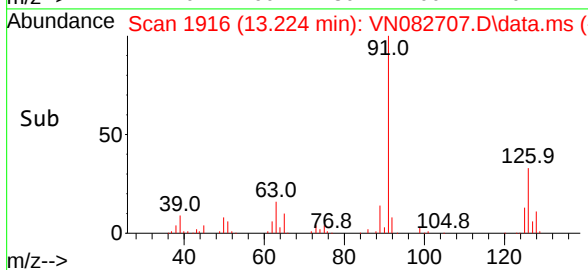
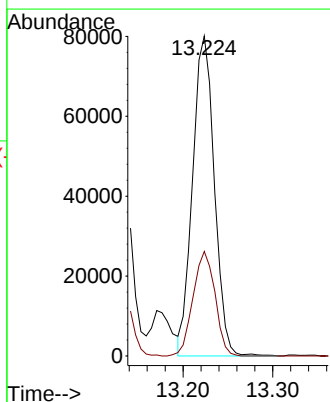
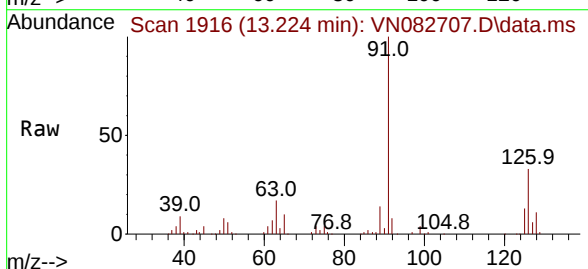
Manual Integrations
APPROVED

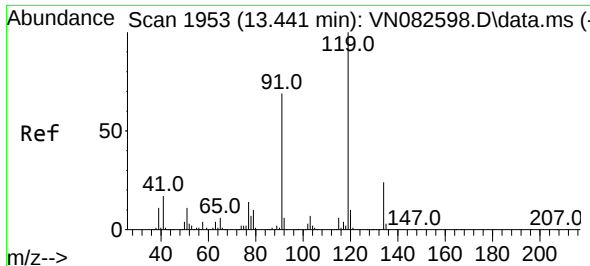
Reviewed By :John Carlone 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024



#82
4-Chlorotoluene
Concen: 19.120 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

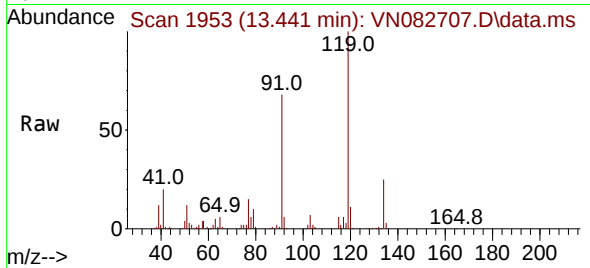
Tgt Ion: 91 Resp: 134819
Ion Ratio Lower Upper
91 100
126 33.0 16.2 48.6





#83
tert-Butylbenzene
Concen: 19.079 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

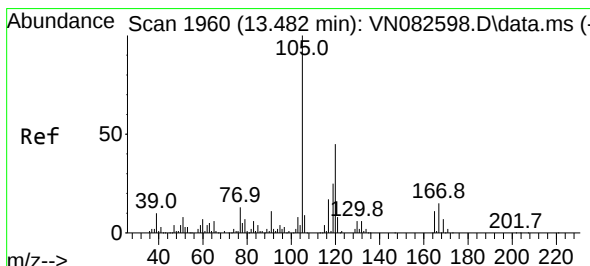
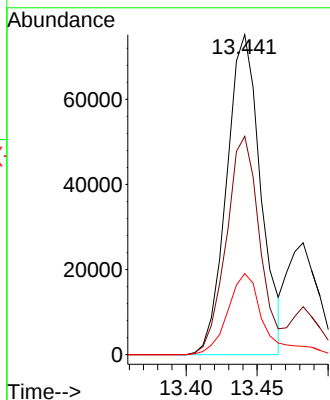
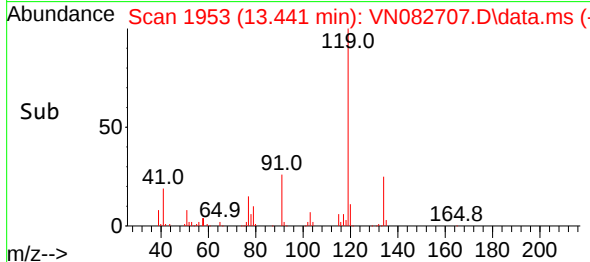
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



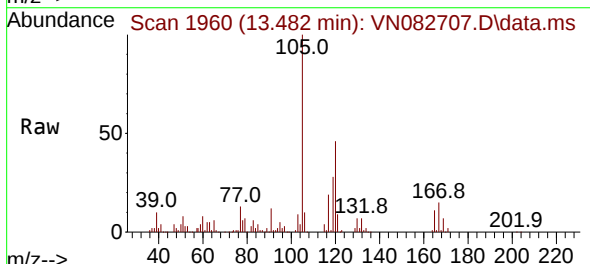
Tgt Ion:119 Resp: 125490
Ion Ratio Lower Upper
119 100
91 66.7 35.0 105.1
134 27.0 13.3 39.8

Manual Integrations
APPROVED

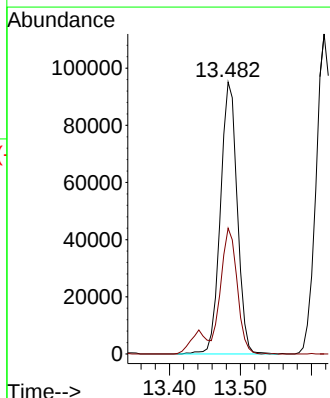
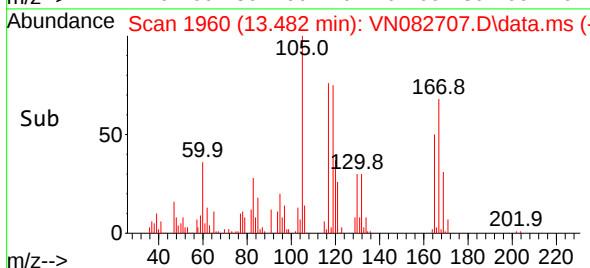
Reviewed By :John Carlone 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024

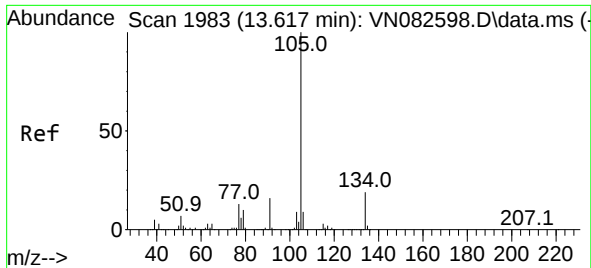


#84
1,2,4-Trimethylbenzene
Concen: 20.086 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54



Tgt Ion:105 Resp: 155590
Ion Ratio Lower Upper
105 100
120 44.8 21.9 65.8





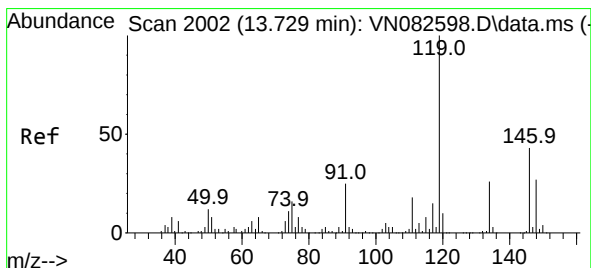
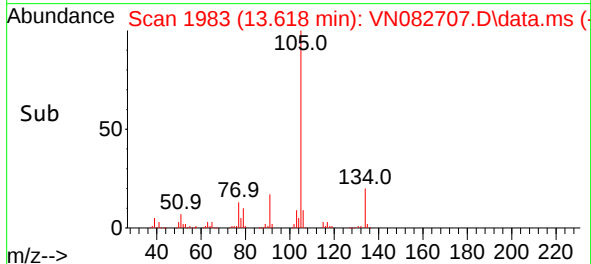
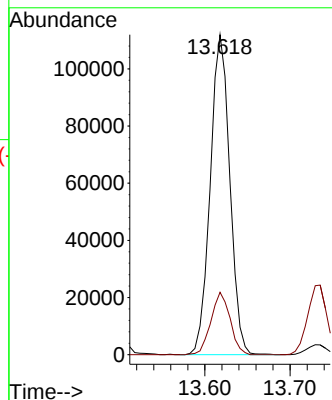
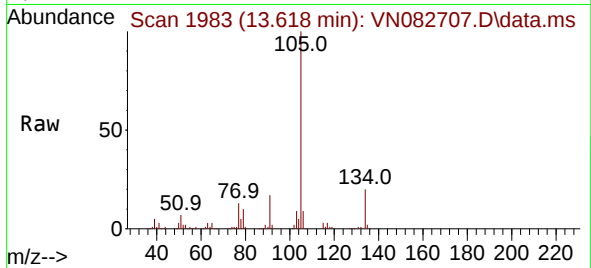
#85
 sec-Butylbenzene
 Concen: 19.109 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN082707.D
 Acq: 25 Jun 2024 10:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Tgt Ion:105 Resp: 17851
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3

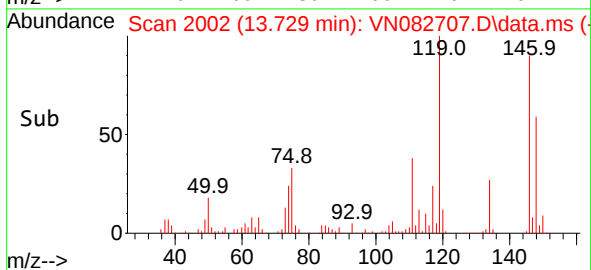
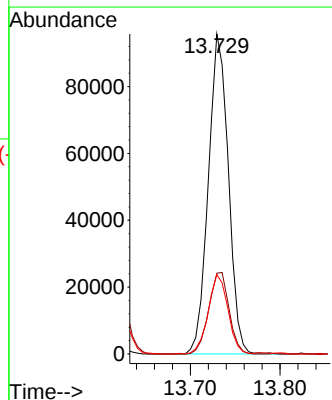
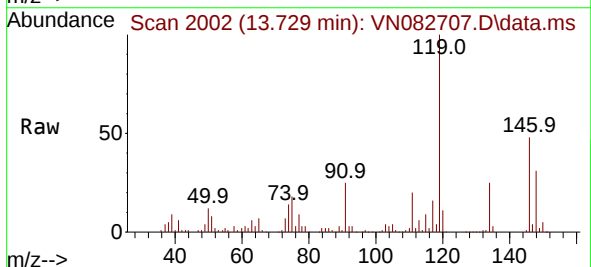
Manual Integrations
 APPROVED

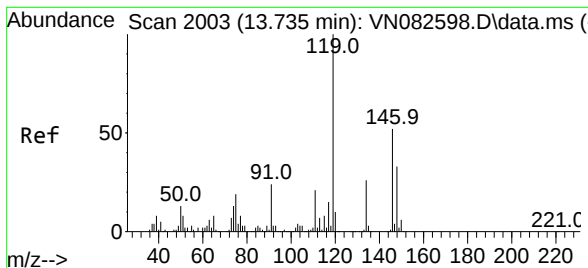
Reviewed By :John Carlone 06/26/2024
 Supervised By :Mahesh Dadoda 06/26/2024



#86
 p-Isopropyltoluene
 Concen: 19.730 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082707.D
 Acq: 25 Jun 2024 10:54

Tgt Ion:119 Resp: 148422
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 24.5 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 19.348 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN082707.D

Acq: 25 Jun 2024 10:54

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

Tgt Ion:146 Resp: 85920

Ion Ratio Lower Upper

146 100

111 42.4 20.6 61.9

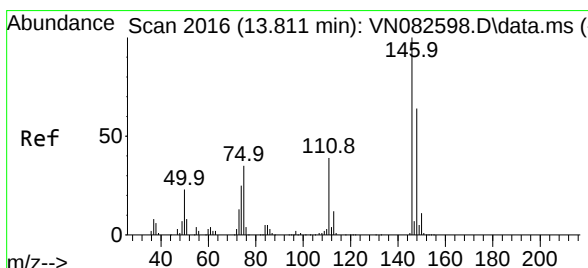
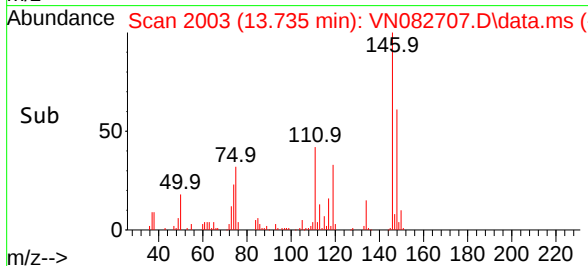
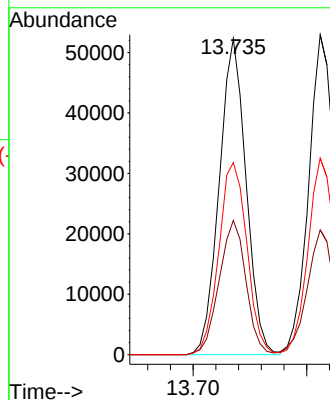
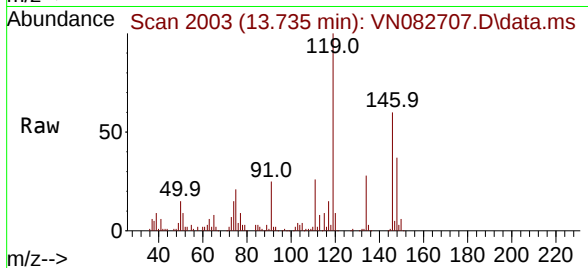
148 63.5 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/26/2024

Supervised By :Mahesh Dadoda 06/26/2024



#88

1,4-Dichlorobenzene

Concen: 18.561 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN082707.D

Acq: 25 Jun 2024 10:54

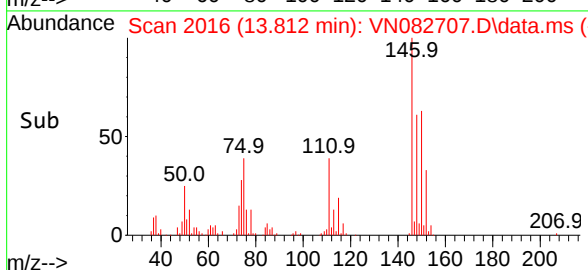
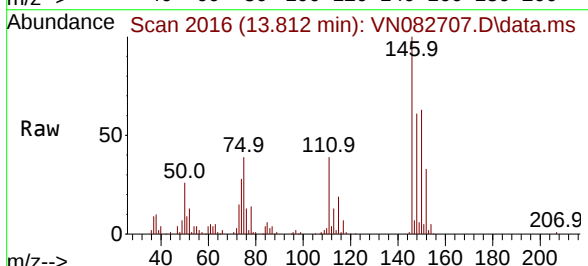
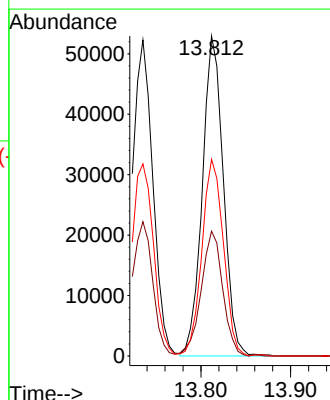
Tgt Ion:146 Resp: 86157

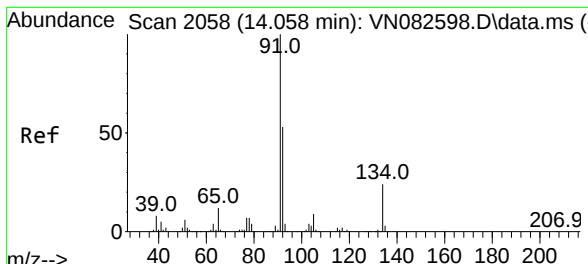
Ion Ratio Lower Upper

146 100

111 40.1 20.1 60.3

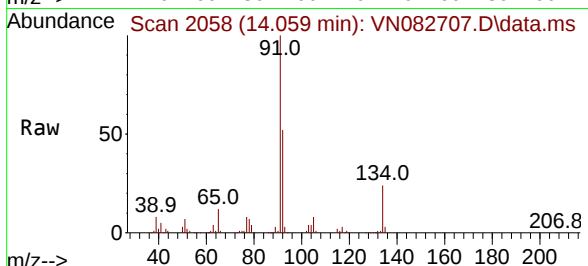
148 62.4 32.2 96.6





#89
n-Butylbenzene
Concen: 18.844 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

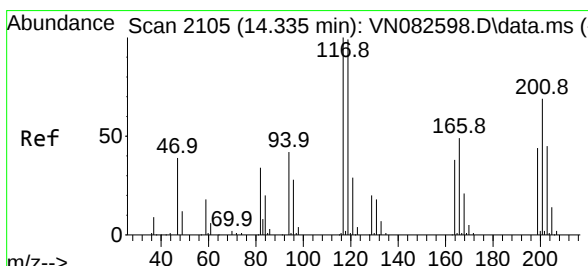
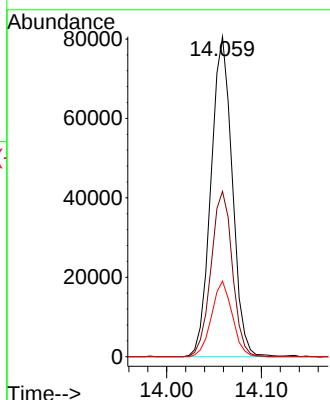
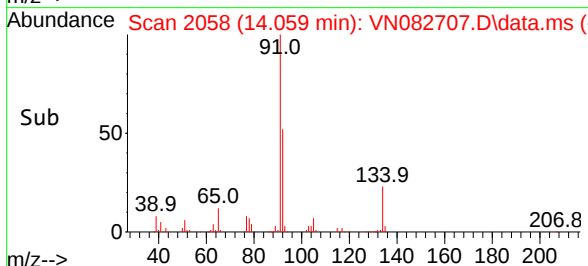
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



Tgt Ion: 91 Resp: 12574
Ion Ratio Lower Upper
91 100
92 51.8 26.1 78.3
134 23.0 12.1 36.3

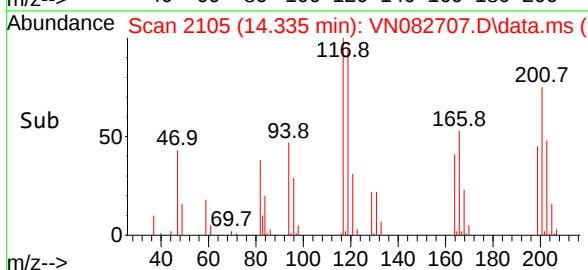
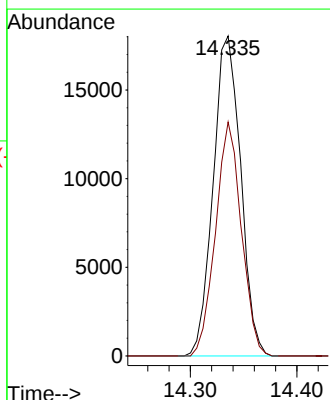
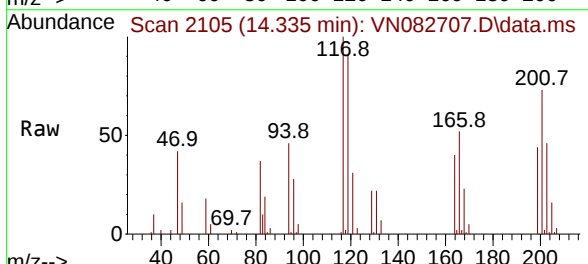
Manual Integrations
APPROVED

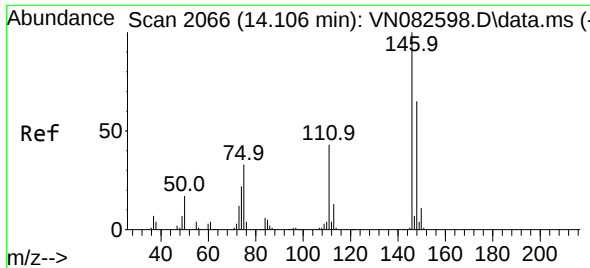
Reviewed By :John Carlone 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024



#90
Hexachloroethane
Concen: 19.755 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

Tgt Ion:117 Resp: 32334
Ion Ratio Lower Upper
117 100
201 68.7 35.8 107.3





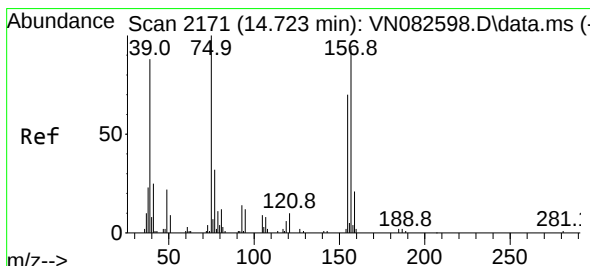
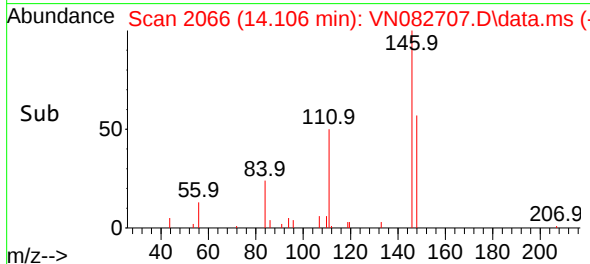
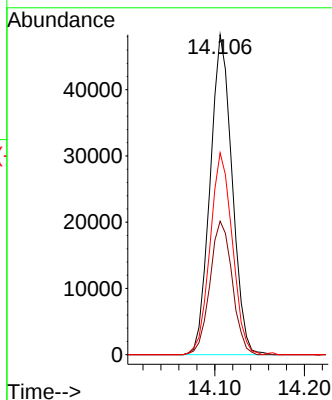
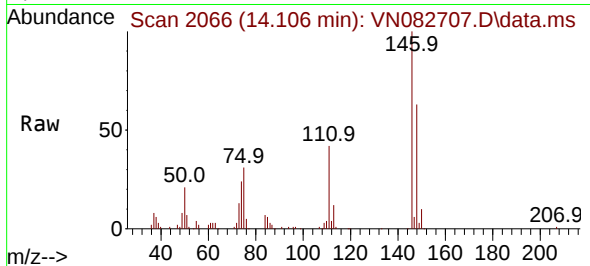
#91
1,2-Dichlorobenzene
Concen: 18.954 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tgt Ion:146 Resp: 8218
Ion Ratio Lower Upper
146 100
111 42.3 21.4 64.2
148 64.1 32.1 96.5

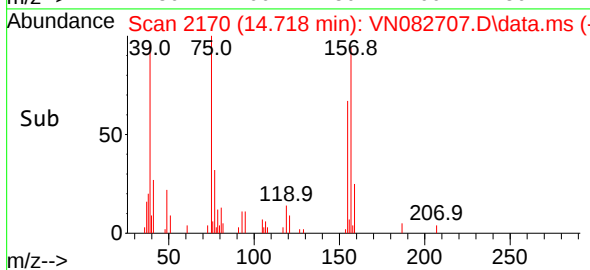
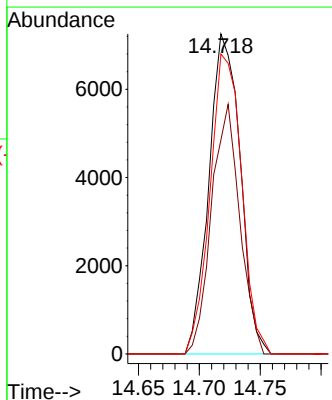
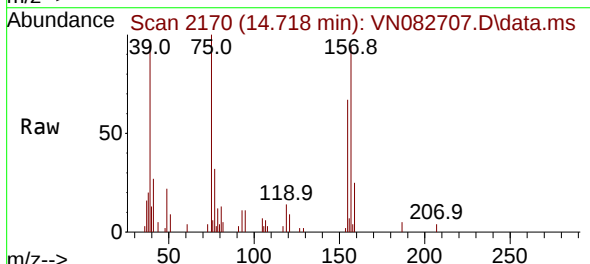
Manual Integrations
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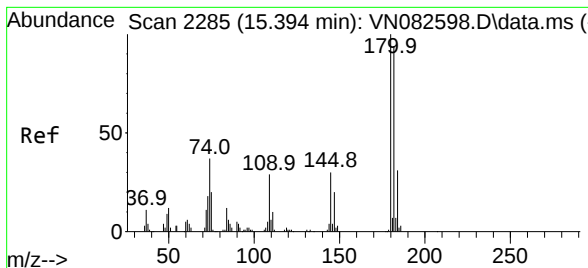
Reviewed By :John Carlone 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.731 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. -0.005 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

Tgt Ion: 75 Resp: 12961
Ion Ratio Lower Upper
75 100
155 70.9 36.6 109.8
157 94.7 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 18.449 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN082707.D

Acq: 25 Jun 2024 10:54

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

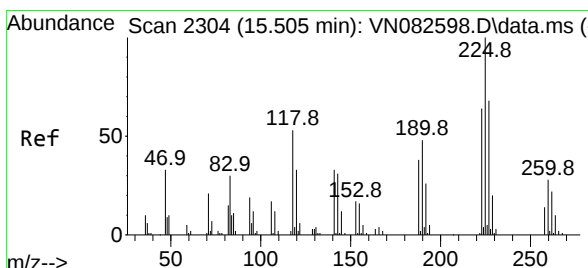
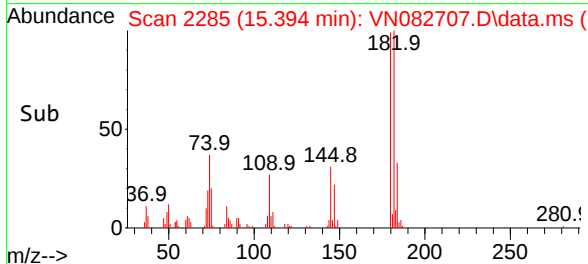
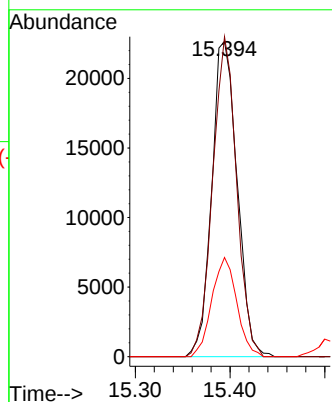
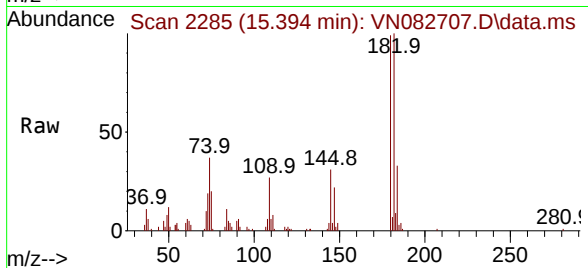
Tgt Ion:	180	Resp:	42184
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.3	141.8
145	30.9	15.7	47.1

Manual Integrations

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Reviewed By :John Carlone 06/26/2024

Supervised By :Mahesh Dadoda 06/26/2024



#94

Hexachlorobutadiene

Concen: 17.823 ug/l

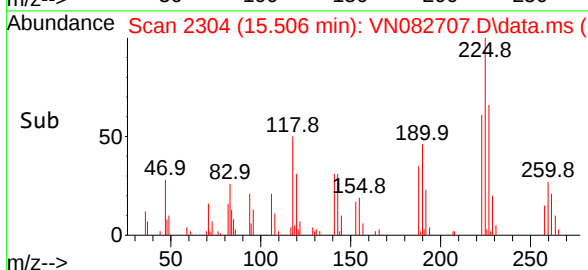
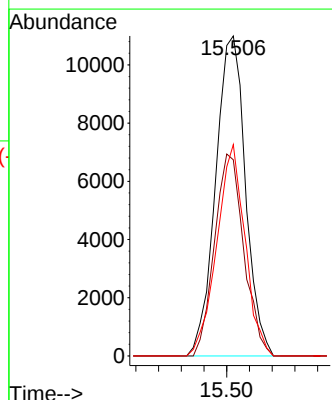
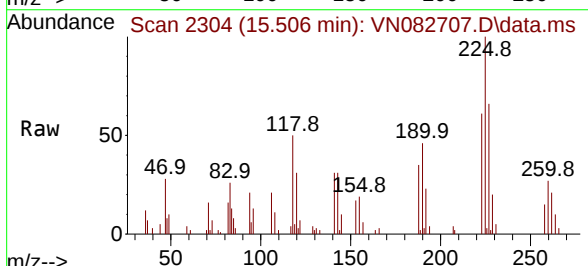
RT: 15.506 min Scan# 2304

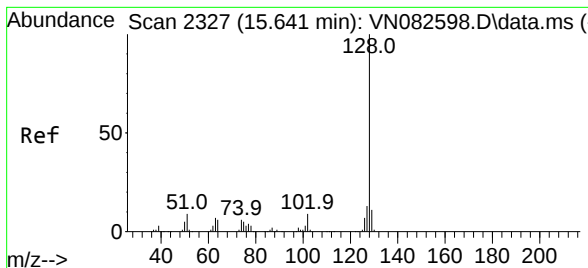
Delta R.T. 0.001 min

Lab File: VN082707.D

Acq: 25 Jun 2024 10:54

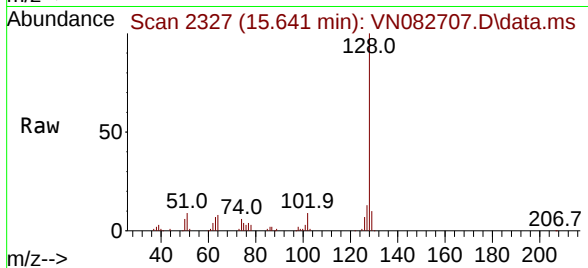
Tgt Ion:	225	Resp:	20093
Ion Ratio	Lower	Upper	
225	100		
223	62.0	31.9	95.7
227	62.4	32.5	97.5





#95
Naphthalene
Concen: 18.122 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

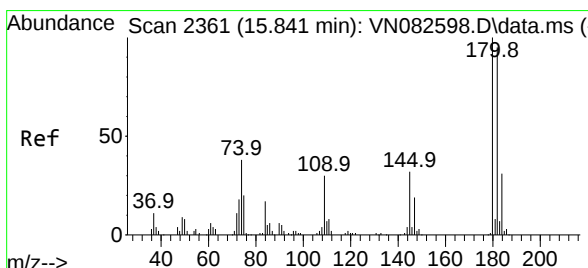
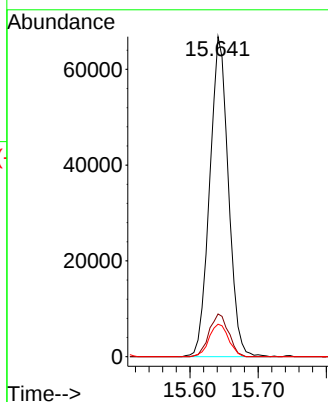
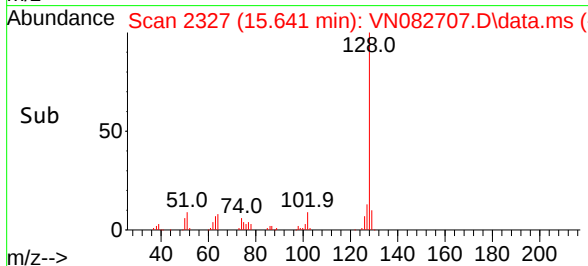
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01



Tgt Ion:128 Resp: 127478
Ion Ratio Lower Upper
128 100
127 13.9 10.6 16.0
129 10.6 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024



#96
1,2,3-Trichlorobenzene
Concen: 18.243 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN082707.D
Acq: 25 Jun 2024 10:54

Tgt Ion:180 Resp: 42509
Ion Ratio Lower Upper
180 100
182 97.8 48.9 146.8
145 33.7 16.8 50.4

