

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061424\
 Data File : VN082594.D
 Acq On : 14 Jun 2024 19:42
 Operator : JC\MD
 Sample : P2890-04MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-GW-338-340MSD

Quant Time: Jun 14 23:51:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/17/2024
 Supervised By : Mahesh Dadoda 06/17/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	150587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	258532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	242404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	123013	51.734	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.460%			
35) Dibromofluoromethane	8.165	113	90590	56.962	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.920%			
50) Toluene-d8	10.570	98	311284	51.052	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.100%			
62) 4-Bromofluorobenzene	12.853	95	118569	54.482	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 108.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	118388	54.529	ug/l	100
3) Chloromethane	2.359	50	131258	53.346	ug/l	97
4) Vinyl Chloride	2.512	62	132605	57.327	ug/l	98
5) Bromomethane	2.942	94	75693	56.931	ug/l	86
6) Chloroethane	3.118	64	90890	60.177	ug/l	99
7) Trichlorofluoromethane	3.494	101	172371	56.908	ug/l	98
8) Diethyl Ether	3.959	74	61529	57.022	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.371	101	96534	54.557	ug/l	99
10) Methyl Iodide	4.589	142	110915	62.355	ug/l	99
11) Tert butyl alcohol	5.535	59	106888	280.038	ug/l	99
12) 1,1-Dichloroethene	4.336	96	92798	56.426	ug/l #	77
13) Acrolein	4.183	56	78909	278.981	ug/l	98
14) Allyl chloride	5.024	41	198274	56.311	ug/l #	86
15) Acrylonitrile	5.724	53	306688	310.245	ug/l	100
16) Acetone	4.430	43	271399	278.238	ug/l	92
17) Carbon Disulfide	4.712	76	260432	49.030	ug/l	100
18) Methyl Acetate	5.030	43	137219	56.488	ug/l #	88
19) Methyl tert-butyl Ether	5.800	73	356999	59.388	ug/l	93
20) Methylene Chloride	5.277	84	110747	56.273	ug/l #	73
21) trans-1,2-Dichloroethene	5.788	96	99023	55.252	ug/l	86
22) Diisopropyl ether	6.671	45	431497	58.687	ug/l #	93
23) Vinyl Acetate	6.606	43	1572296	271.232	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	217925	57.505	ug/l	98
25) 2-Butanone	7.488	43	440248	297.688	ug/l #	84
26) 2,2-Dichloropropane	7.494	77	139240	43.866	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	120112	56.789	ug/l	82
28) Bromochloromethane	7.812	49	85342	51.906	ug/l #	75
29) Tetrahydrofuran	7.841	42	300767	316.754	ug/l #	82
30) Chloroform	7.965	83	215741	59.615	ug/l	99
31) Cyclohexane	8.259	56	183106	48.215	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	191651	59.693	ug/l	94
36) 1,1-Dichloropropene	8.371	75	149947	56.217	ug/l	96
37) Ethyl Acetate	7.565	43	173627	58.166	ug/l #	94
38) Carbon Tetrachloride	8.365	117	163701	60.543	ug/l	99
39) Methylcyclohexane	9.606	83	150363	51.429	ug/l #	88
40) Benzene	8.606	78	466280	58.623	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	101436	57.781	ug/l #	86
42) 1,2-Dichloroethane	8.676	62	179819	58.782	ug/l	96
43) Isopropyl Acetate	8.694	43	315717	59.690	ug/l #	88
44) Trichloroethene	9.353	130	101564	56.213	ug/l	96
45) 1,2-Dichloropropane	9.623	63	121637	59.271	ug/l	94
46) Dibromomethane	9.712	93	80855	60.011	ug/l	99
47) Bromodichloromethane	9.888	83	175254	61.615	ug/l	96
48) Methyl methacrylate	9.682	41	150305	59.637	ug/l #	83
49) 1,4-Dioxane	9.694	88	46082	1304.813	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	973090	323.802	ug/l	89
52) Toluene	10.635	92	286146	59.948	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	175961	59.816	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	174385	56.003	ug/l #	81
55) 1,1,2-Trichloroethane	11.018	97	108914	62.789	ug/l	98
56) Ethyl methacrylate	10.876	69	186001	63.158	ug/l #	74
57) 1,3-Dichloropropane	11.165	76	197270	60.825	ug/l	100
59) 2-Hexanone	11.200	43	716009	325.395	ug/l	90
60) Dibromochloromethane	11.365	129	131302	68.592	ug/l	99
61) 1,2-Dibromoethane	11.470	107	109171	61.275	ug/l	98
64) Tetrachloroethene	11.106	164	99397	55.322	ug/l	96
65) Chlorobenzene	11.894	112	304047	56.778	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	111424	63.168	ug/l	99
67) Ethyl Benzene	11.964	91	546970	57.098	ug/l	98
68) m/p-Xylenes	12.076	106	411961	117.337	ug/l	95
69) o-Xylene	12.400	106	199102	58.543	ug/l	94
70) Styrene	12.412	104	321537	56.919	ug/l	95
71) Bromoform	12.576	173	89184	63.380	ug/l #	98
73) Isopropylbenzene	12.700	105	502270	53.816	ug/l	98
74) N-amyl acetate	12.494	43	259743	50.595	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	157092	58.390	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	151858m	61.414	ug/l	
77) Bromobenzene	12.982	156	122483	55.068	ug/l	88
78) n-propylbenzene	13.035	91	602332	54.500	ug/l	97
79) 2-Chlorotoluene	13.129	91	368502	53.098	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	419396	55.573	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	57818	54.691	ug/l #	84
82) 4-Chlorotoluene	13.223	91	369991	54.528	ug/l	95
83) tert-Butylbenzene	13.441	119	360480	54.600	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	428116	55.449	ug/l	98
85) sec-Butylbenzene	13.617	105	488182	53.346	ug/l	99
86) p-Isopropyltoluene	13.729	119	404869	54.438	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	222705	55.267	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	219310	53.325	ug/l	98
89) n-Butylbenzene	14.058	91	340307	50.909	ug/l	98
90) Hexachloroethane	14.335	117	82240	59.683	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	214466	56.227	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	34245	61.952	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	102573	47.975	ug/l	98
94) Hexachlorobutadiene	15.505	225	43132	45.975	ug/l	95
95) Naphthalene	15.641	128	359336	53.630	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	107603	50.273	ug/l	98

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ClientSampleId :
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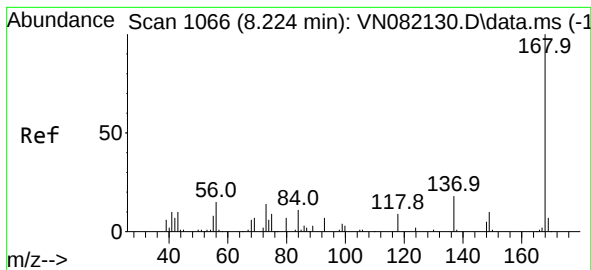
Manual Integrations
APPROVED

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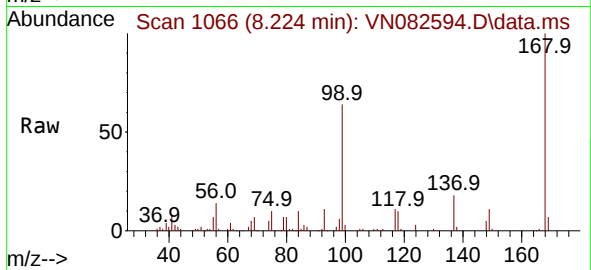
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=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. -0.000 min
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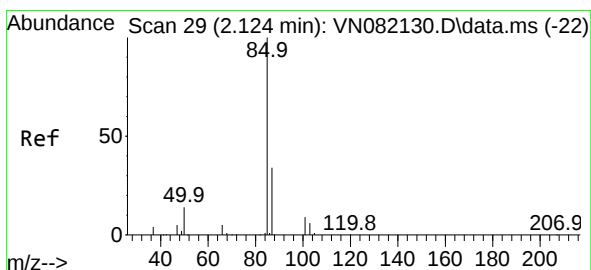
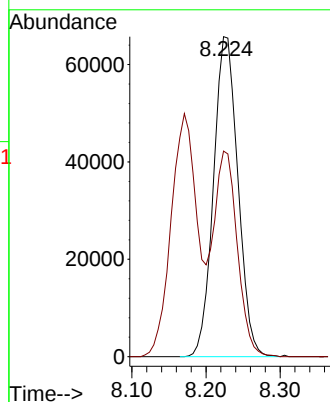
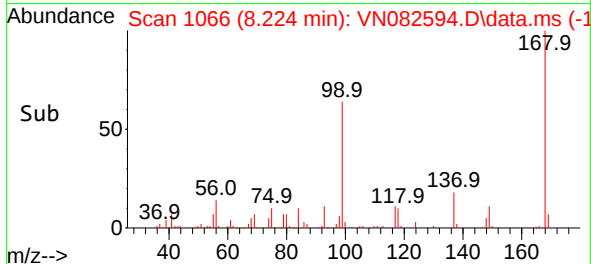
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340MSD



Tgt Ion:168 Resp: 15058
Ion Ratio Lower Upper
168 100
99 64.3 48.2 72.4

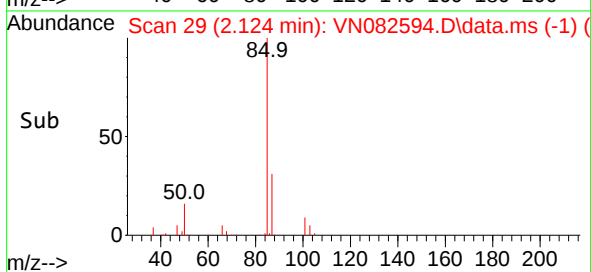
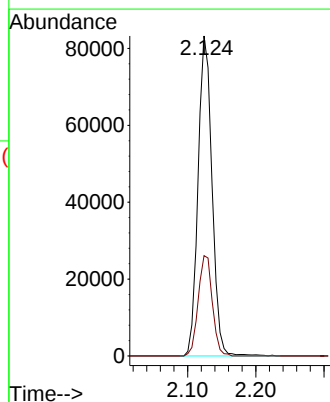
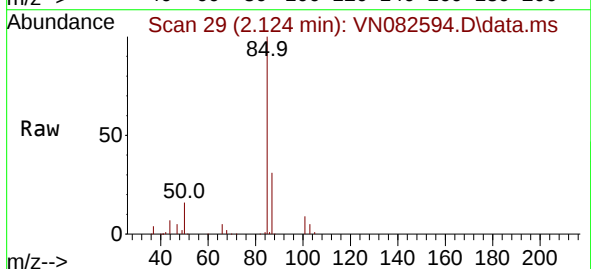
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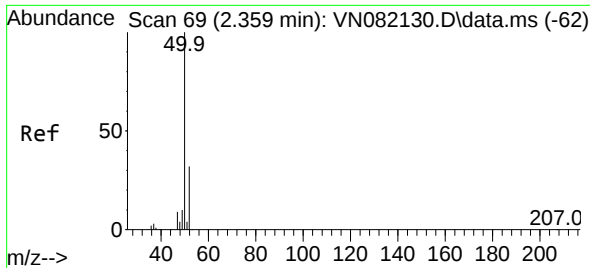
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#2
Dichlorodifluoromethane
Concen: 54.529 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

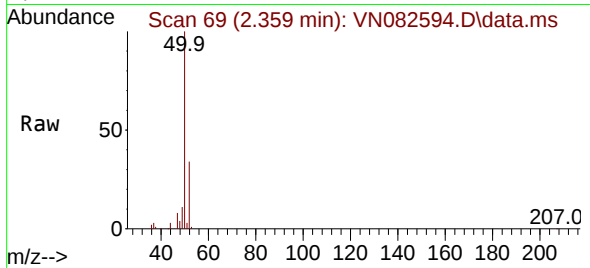
Tgt Ion: 85 Resp: 118388
Ion Ratio Lower Upper
85 100
87 31.4 15.8 47.4





#3
Chloromethane
Concen: 53.346 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

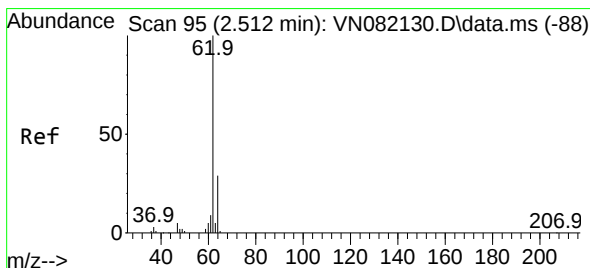
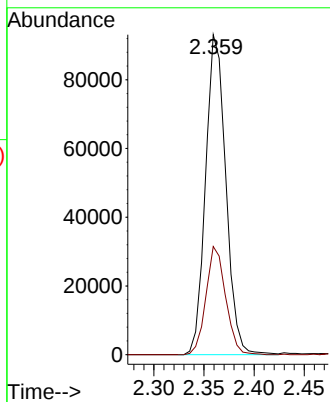
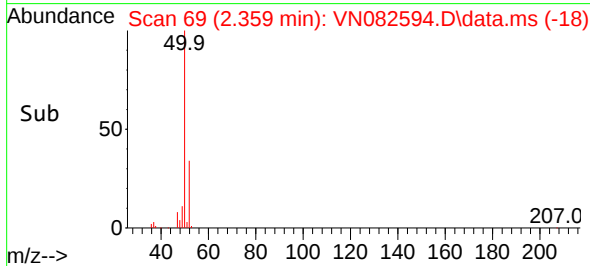
Instrument :
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Tgt Ion: 50 Resp: 131258
Ion Ratio Lower Upper
50 100
52 33.8 25.5 38.3

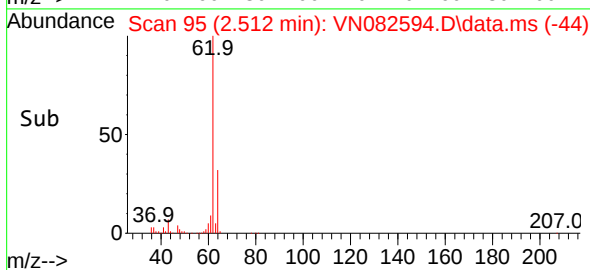
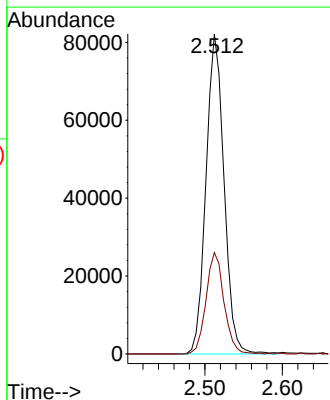
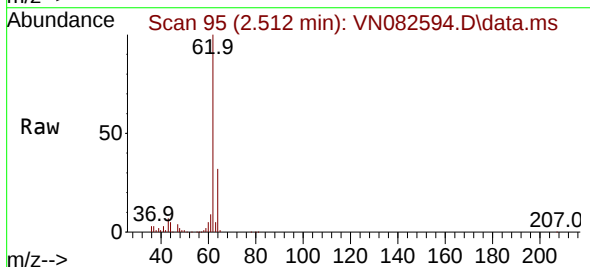
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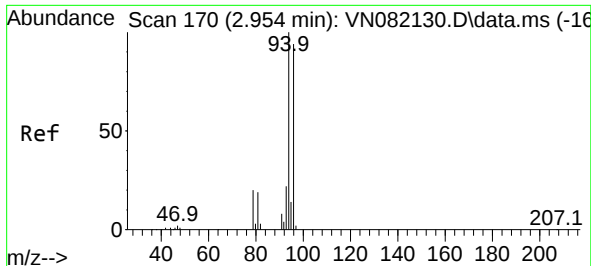
Reviewed By :John Carlone 06/17/2024
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#4
Vinyl Chloride
Concen: 57.327 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

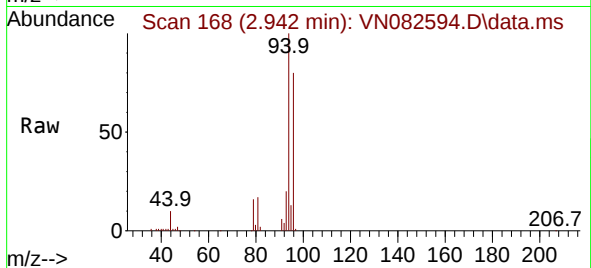
Tgt Ion: 62 Resp: 132605
Ion Ratio Lower Upper
62 100
64 31.7 24.6 37.0





#5
Bromomethane
Concen: 56.931 ug/l
RT: 2.942 min Scan# 170
Delta R.T. -0.012 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

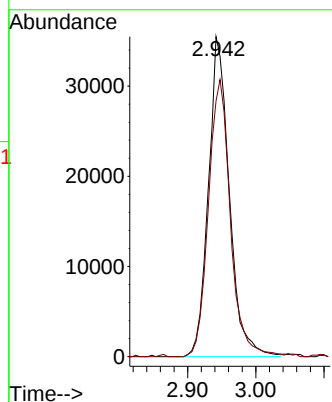
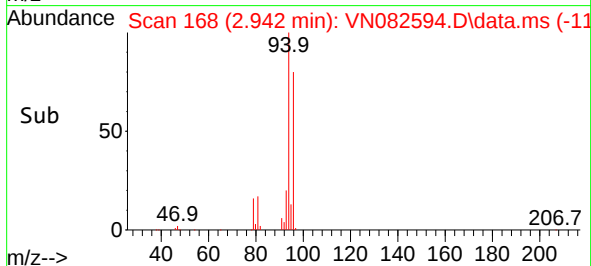
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340MSD



Tgt Ion: 94 Resp: 7569
Ion Ratio Lower Upper
94 100
96 79.9 74.8 112.2

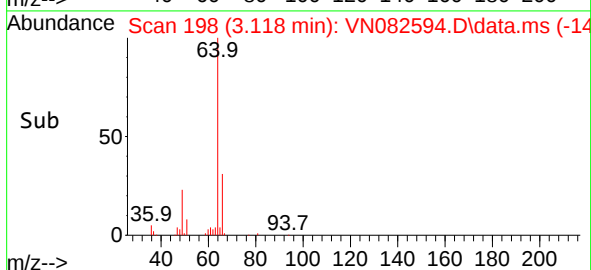
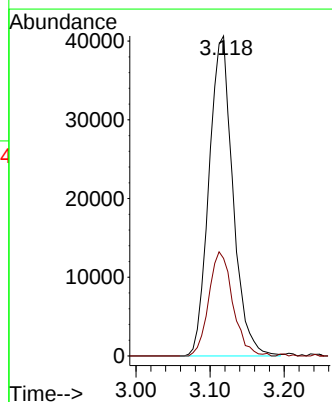
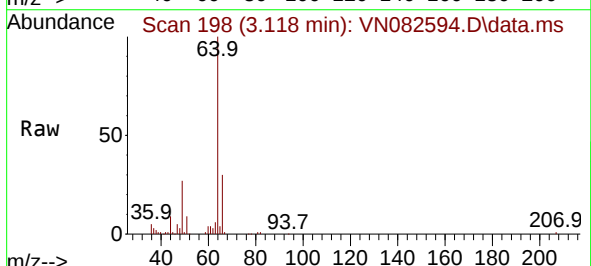
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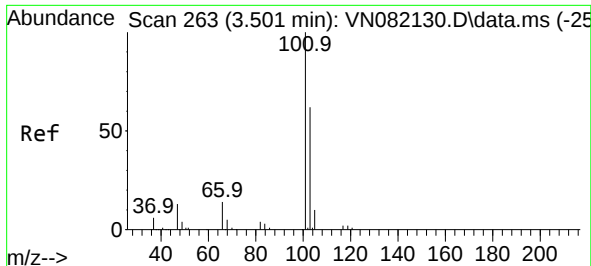
Reviewed By :John Carlone 06/17/2024
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#6
Chloroethane
Concen: 60.177 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

Tgt Ion: 64 Resp: 90890
Ion Ratio Lower Upper
64 100
66 30.5 24.7 37.1





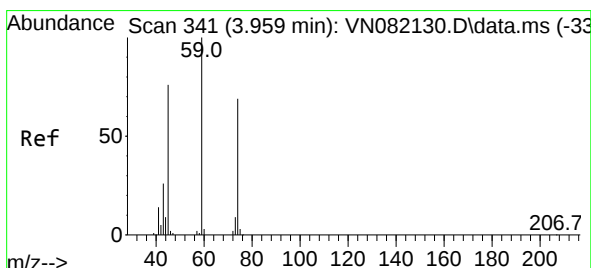
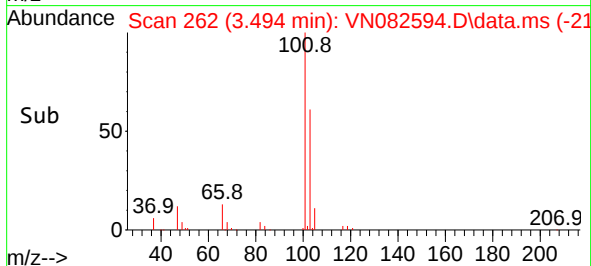
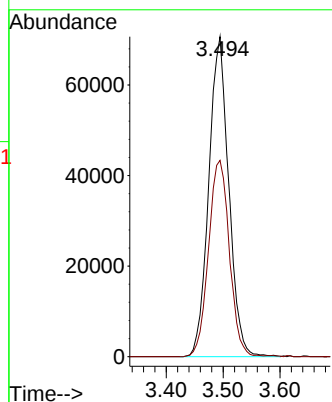
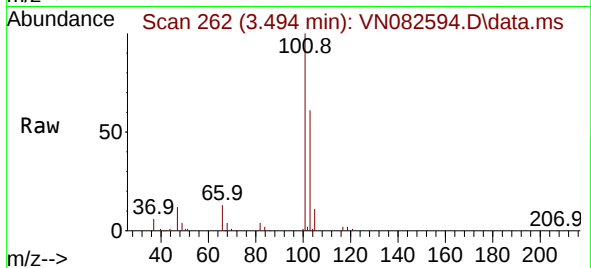
#7
Trichlorofluoromethane
Concen: 56.908 ug/l
RT: 3.494 min Scan# 263
Delta R.T. -0.006 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

Instrument :
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ClientSampleId :
BP-VPB-189-GW-338-340MSD

Tgt Ion:101 Resp: 17237
Ion Ratio Lower Upper
101 100
103 61.3 50.6 75.8

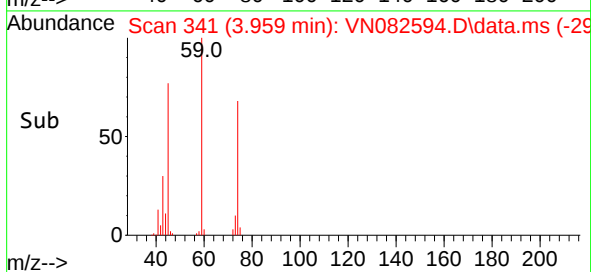
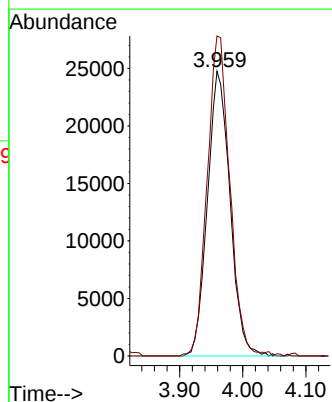
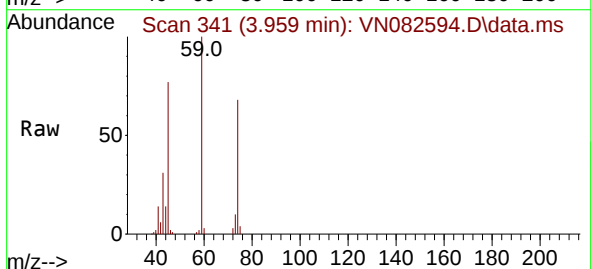
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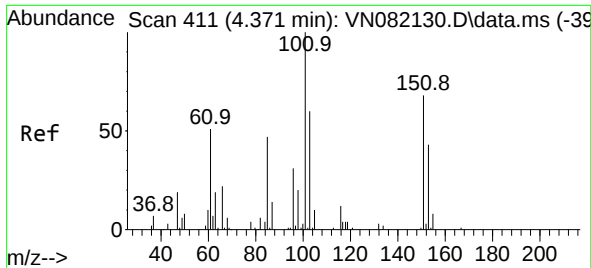
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#8
Diethyl Ether
Concen: 57.022 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
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Acq: 14 Jun 2024 19:42

Tgt Ion: 74 Resp: 61529
Ion Ratio Lower Upper
74 100
45 112.9 42.4 127.3





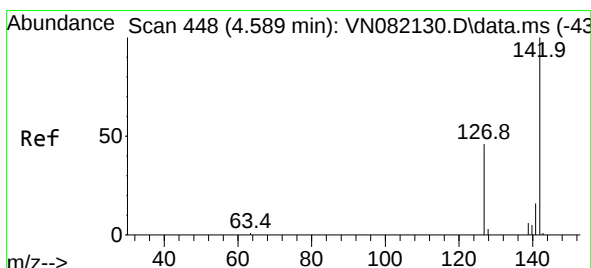
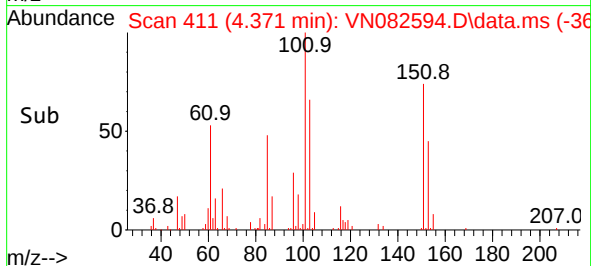
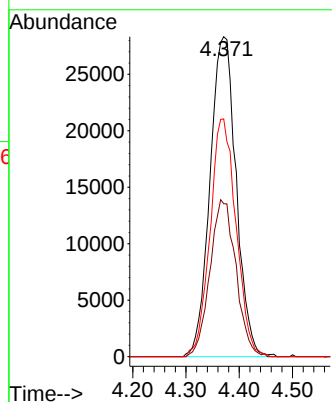
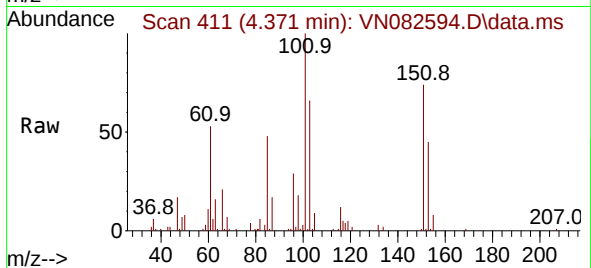
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.557 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340MSD

Tgt Ion:101 Resp: 96534
Ion Ratio Lower Upper
101 100
85 48.7 37.3 55.9
151 73.7 59.2 88.8

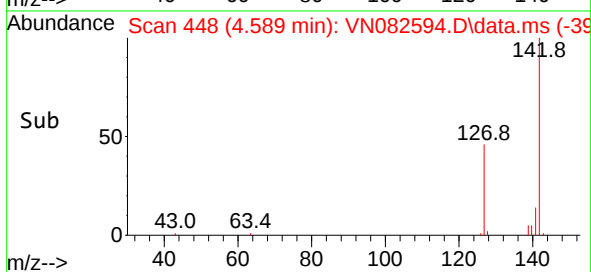
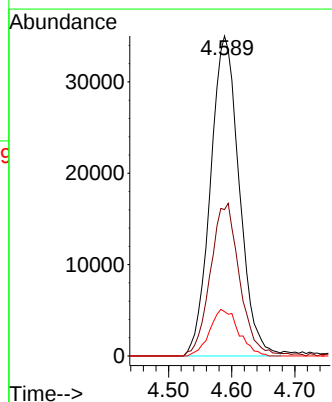
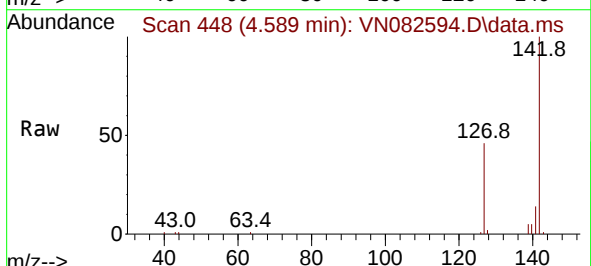
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#10
Methyl Iodide
Concen: 62.355 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

Tgt Ion:142 Resp: 110915
Ion Ratio Lower Upper
142 100
127 45.8 35.8 53.6
141 13.9 11.4 17.2





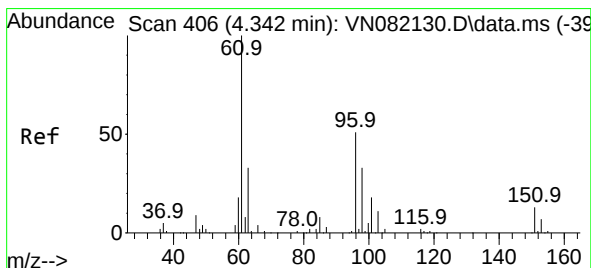
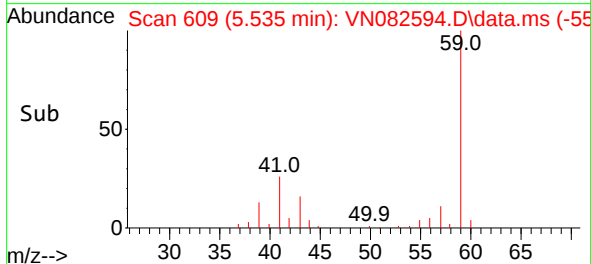
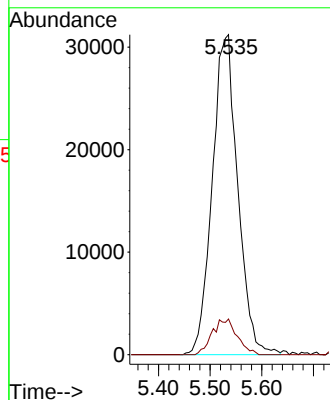
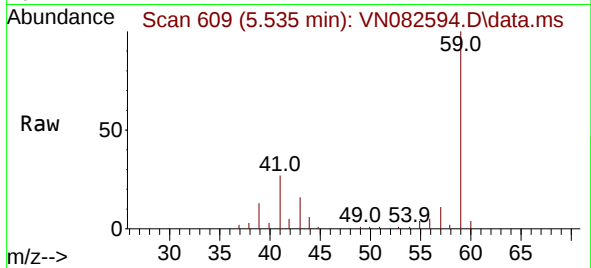
#11
Tert butyl alcohol
Concen: 280.038 ug/l
RT: 5.535 min Scan# 609
Delta R.T. 0.017 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340MSD

Tgt Ion: 59 Resp: 10688
Ion Ratio Lower Upper
59 100
57 10.9 8.9 13.3

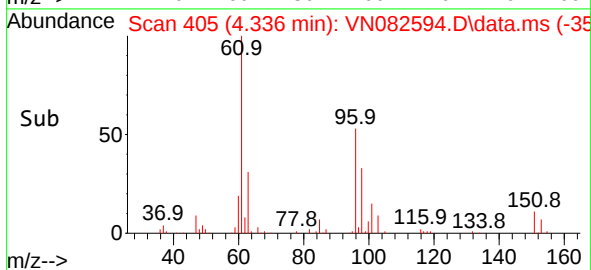
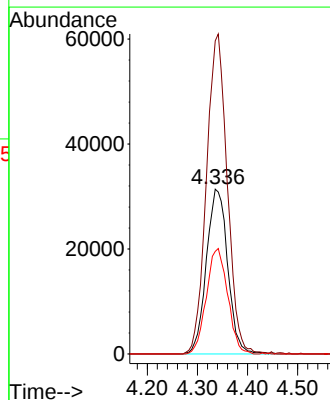
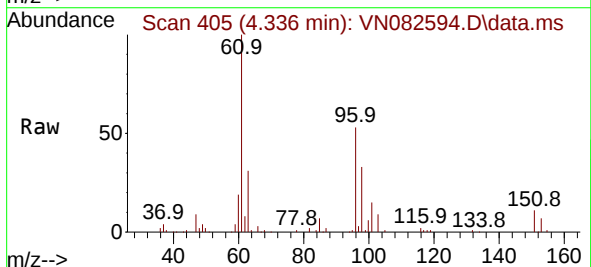
Manual Integrations
APPROVED

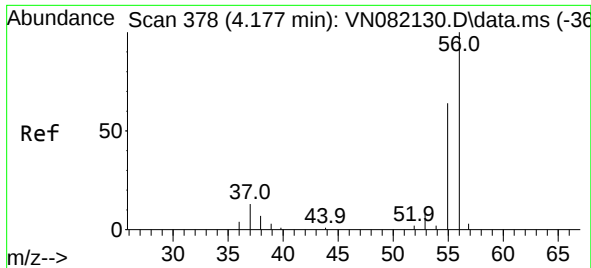
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#12
1,1-Dichloroethene
Concen: 56.426 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

Tgt Ion: 96 Resp: 92798
Ion Ratio Lower Upper
96 100
61 190.0 119.7 179.5#
98 62.2 49.6 74.4





#13

Acrolein

Concen: 278.981 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN082594.D

Acq: 14 Jun 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-338-340MSD

Tgt Ion: 56 Resp: 78909

Ion Ratio Lower Upper

56 100

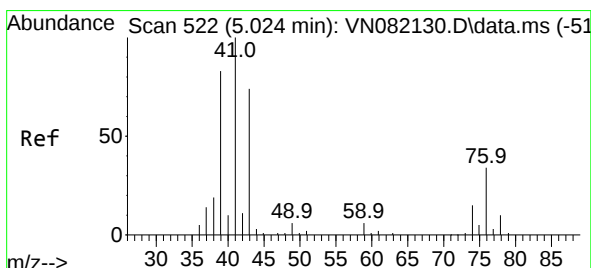
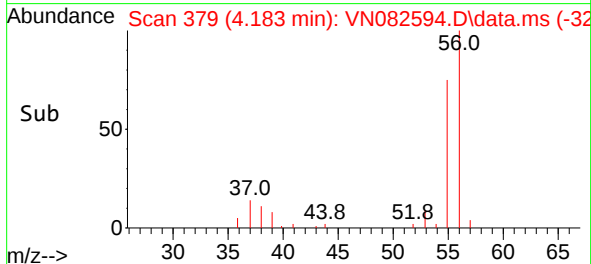
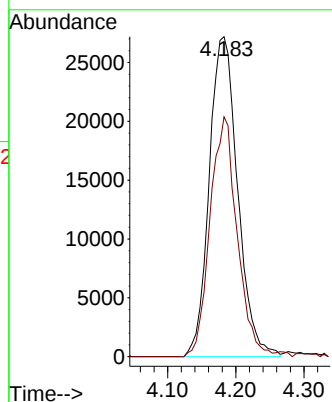
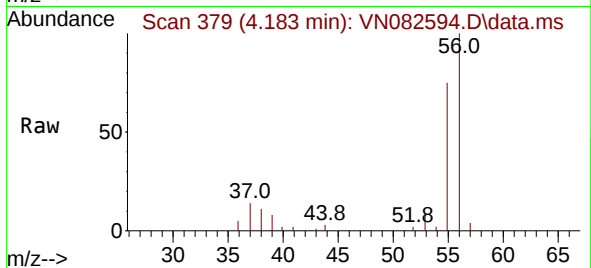
55 71.2 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#14

Allyl chloride

Concen: 56.311 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN082594.D

Acq: 14 Jun 2024 19:42

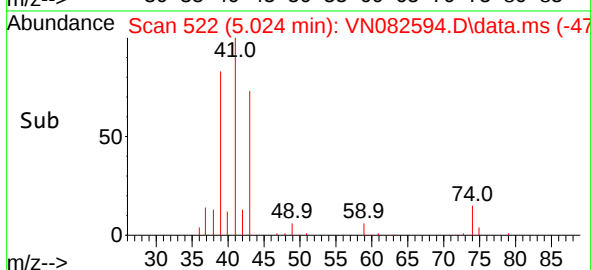
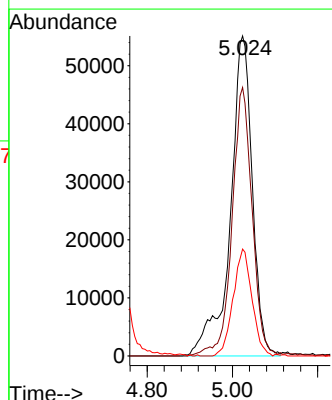
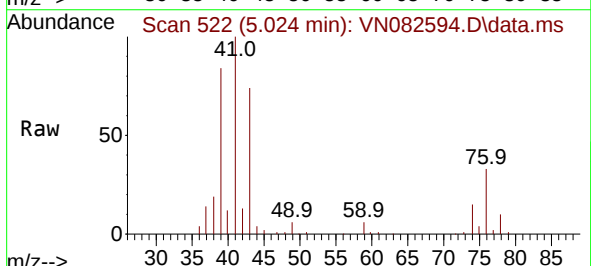
Tgt Ion: 41 Resp: 198274

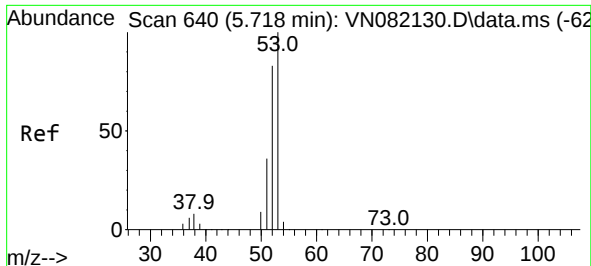
Ion Ratio Lower Upper

41 100

39 76.5 65.4 98.0

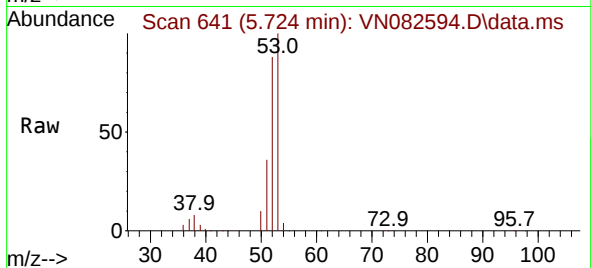
76 28.5 37.3 55.9#





#15
Acrylonitrile
Concen: 310.245 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

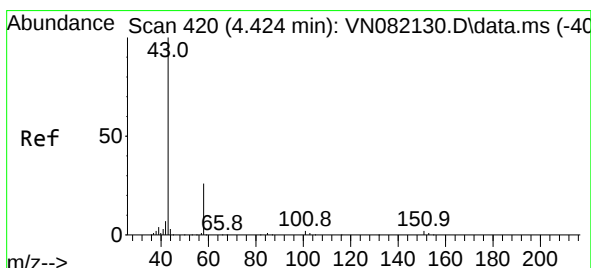
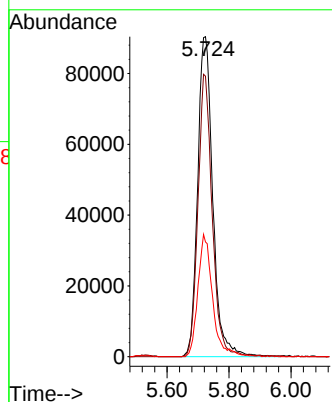
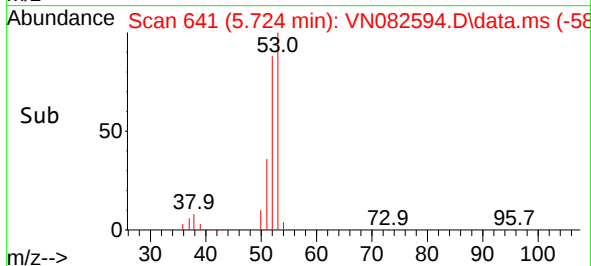
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340MSD



Tgt Ion: 53 Resp: 306688
Ion Ratio Lower Upper
53 100
52 82.7 66.1 99.1
51 37.2 29.4 44.2

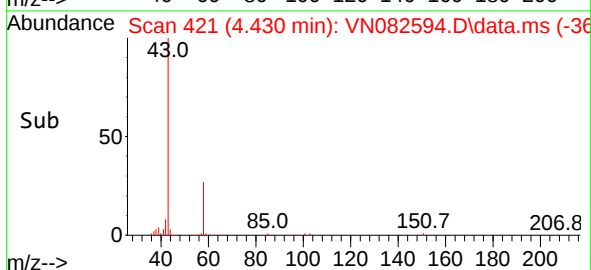
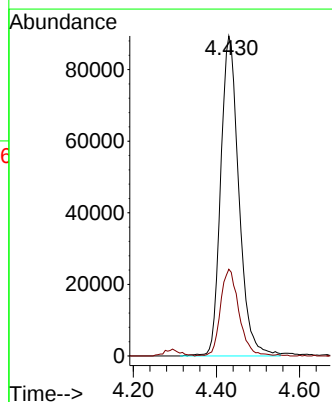
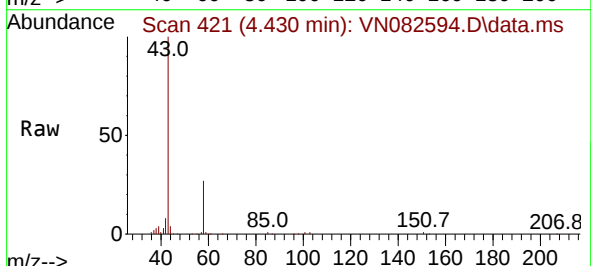
Manual Integrations
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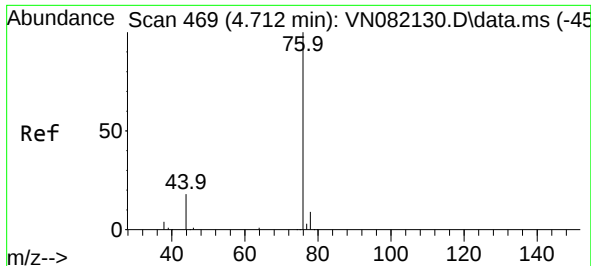
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#16
Acetone
Concen: 278.238 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

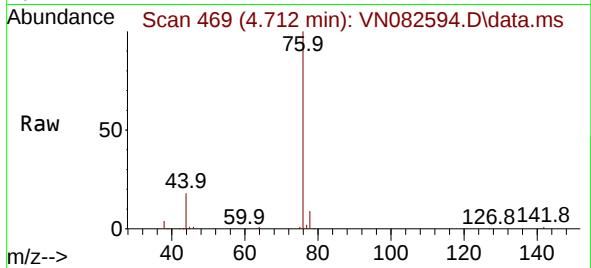
Tgt Ion: 43 Resp: 271399
Ion Ratio Lower Upper
43 100
58 26.8 25.2 37.8





#17
Carbon Disulfide
Concen: 49.030 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

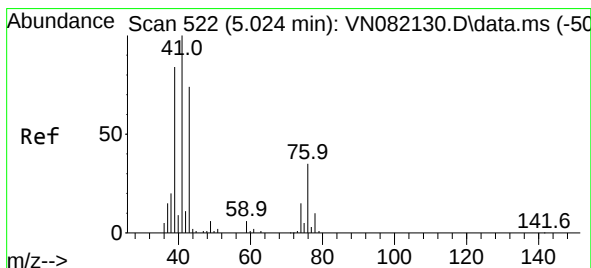
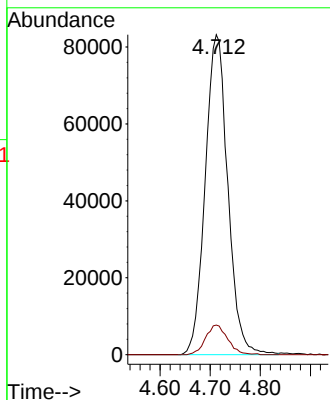
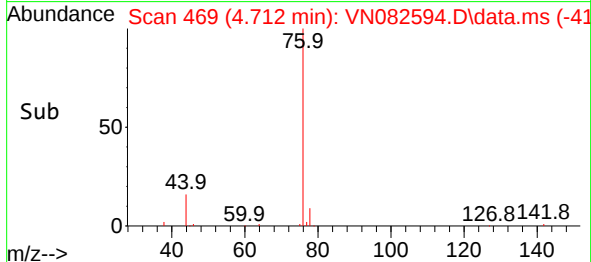
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340MSD



Tgt Ion: 76 Resp: 260432
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

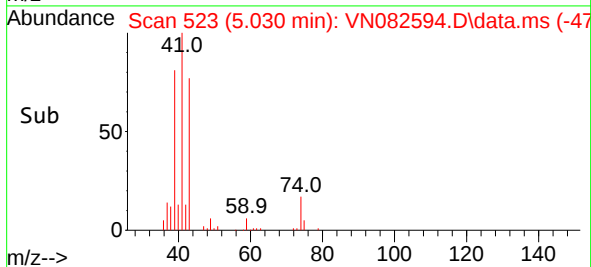
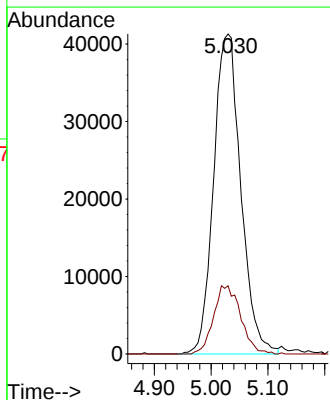
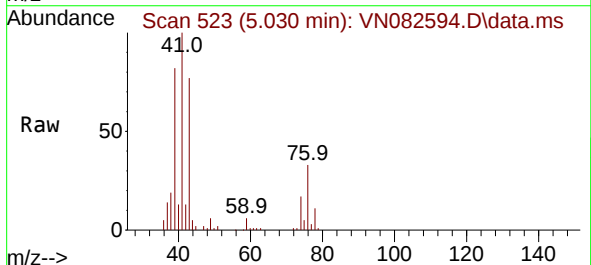
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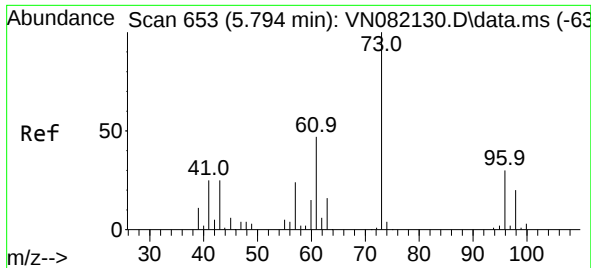
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#18
Methyl Acetate
Concen: 56.488 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

Tgt Ion: 43 Resp: 137219
Ion Ratio Lower Upper
43 100
74 21.3 22.2 33.2#





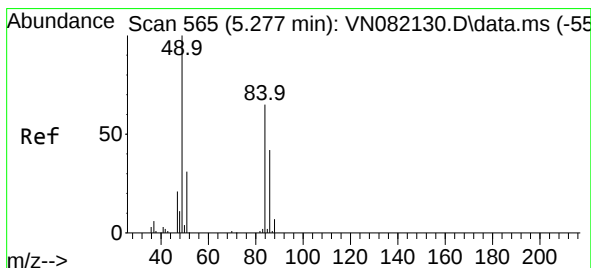
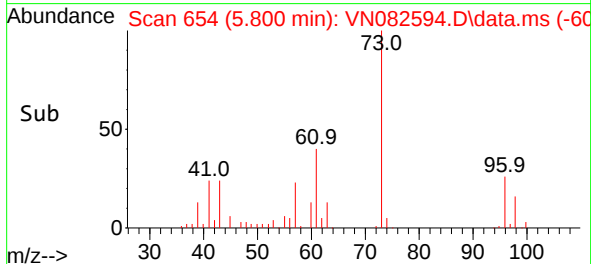
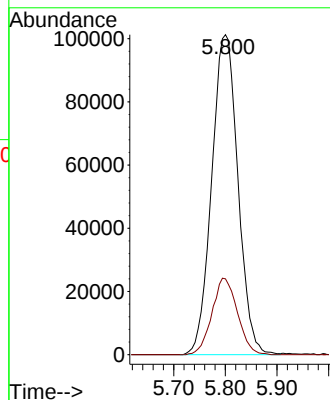
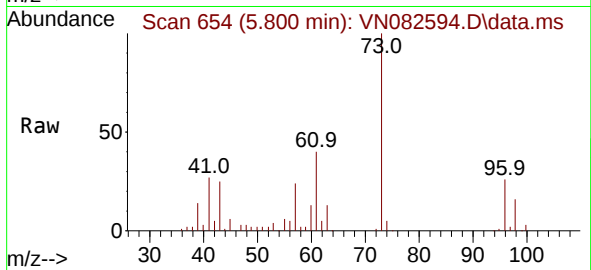
#19
Methyl tert-butyl Ether
Concen: 59.388 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340MSD

Tgt Ion: 73 Resp: 356995
Ion Ratio Lower Upper
73 100
57 23.7 16.5 24.7

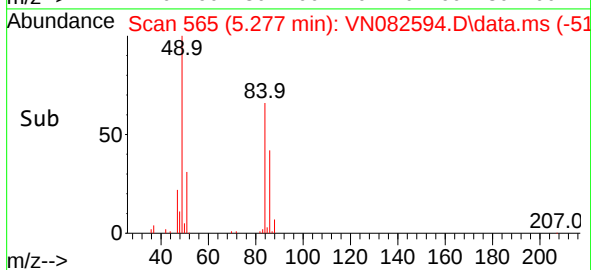
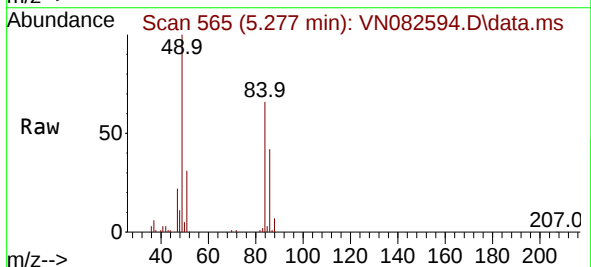
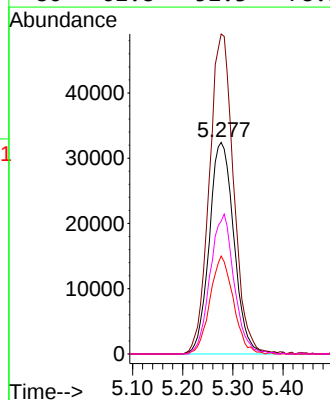
Manual Integrations
APPROVED

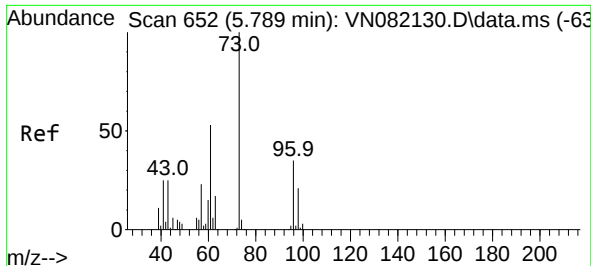
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#20
Methylene Chloride
Concen: 56.273 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

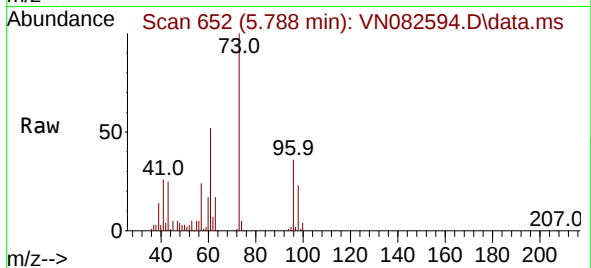
Tgt Ion: 84 Resp: 110747
Ion Ratio Lower Upper
84 100
49 151.3 84.9 127.3#
51 46.3 27.0 40.6#
86 62.8 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 55.252 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

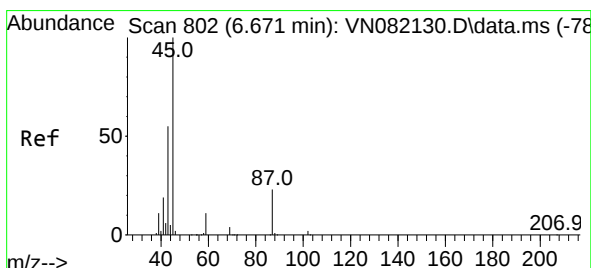
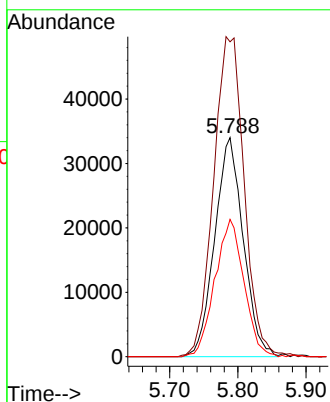
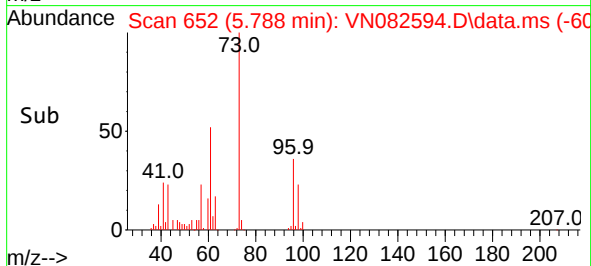
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340MSD



Tgt Ion: 96 Resp: 9902
Ion Ratio Lower Upper
96 100
61 143.7 96.5 144.7
98 62.7 51.3 76.9

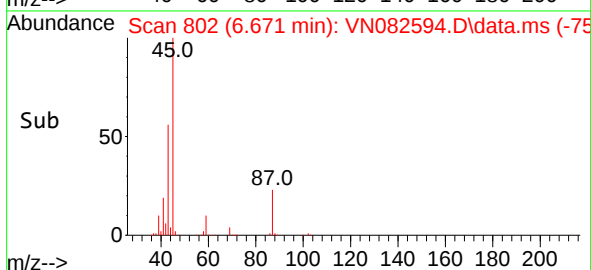
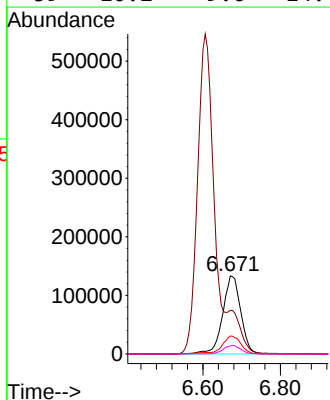
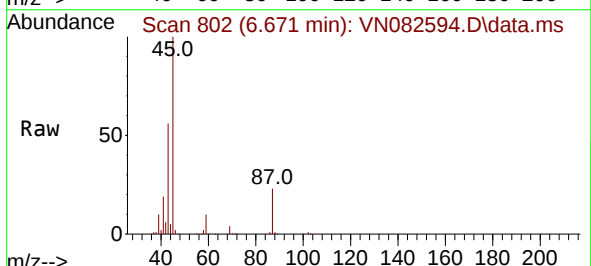
Manual Integrations
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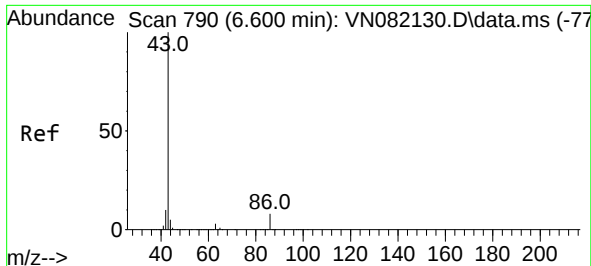
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#22
Diisopropyl ether
Concen: 58.687 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

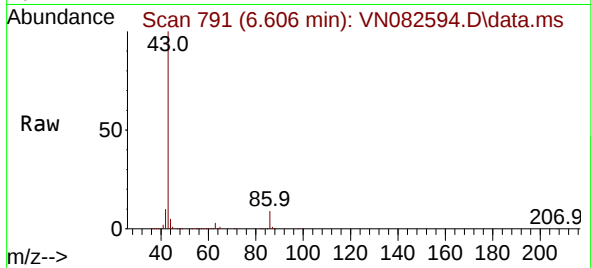
Tgt Ion: 45 Resp: 431497
Ion Ratio Lower Upper
45 100
43 55.7 44.1 66.1
87 23.0 27.0 40.6#
59 10.2 9.6 14.4





#23
 Vinyl Acetate
 Concen: 271.232 ug/l
 RT: 6.606 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN082594.D
 Acq: 14 Jun 2024 19:42

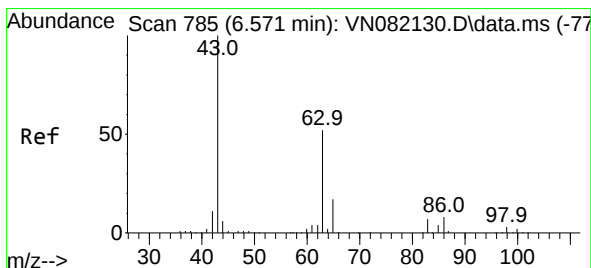
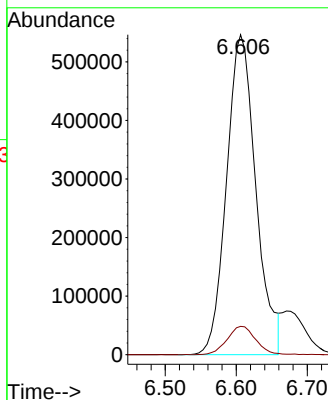
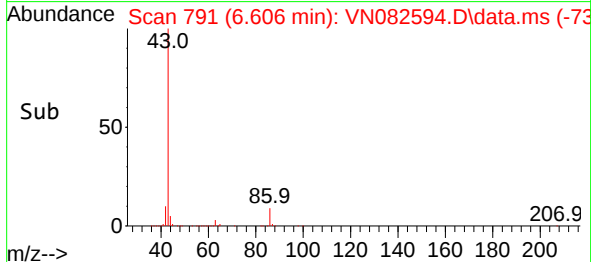
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-GW-338-340MSD



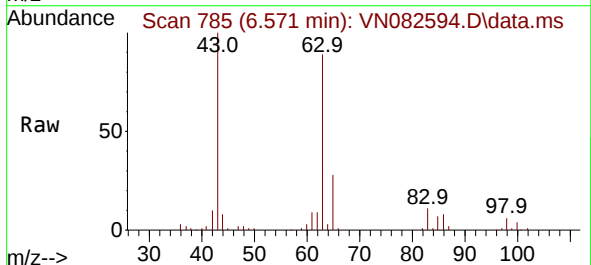
Tgt Ion: 43 Resp: 1572290
 Ion Ratio Lower Upper
 43 100
 86 8.9 10.2 15.4

Manual Integrations
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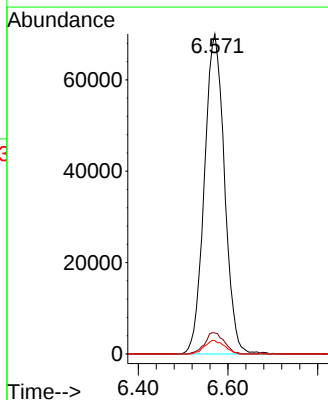
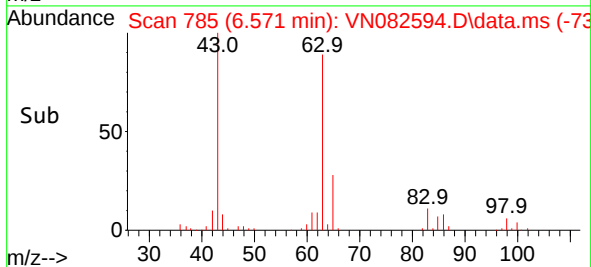
Reviewed By :John Carlone 06/17/2024
 Supervised By :Mahesh Dadoda 06/17/2024

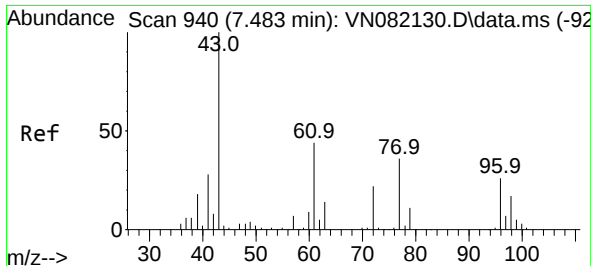


#24
 1,1-Dichloroethane
 Concen: 57.505 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082594.D
 Acq: 14 Jun 2024 19:42



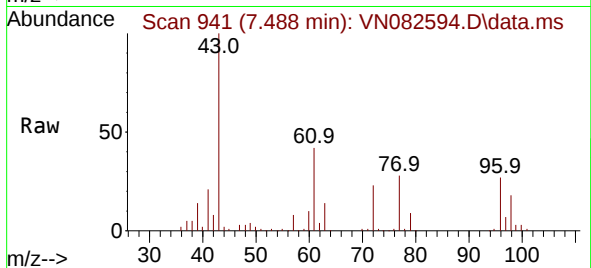
Tgt Ion: 63 Resp: 217925
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.9
 100 4.5 2.6 7.8





#25
2-Butanone
Concen: 297.688 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

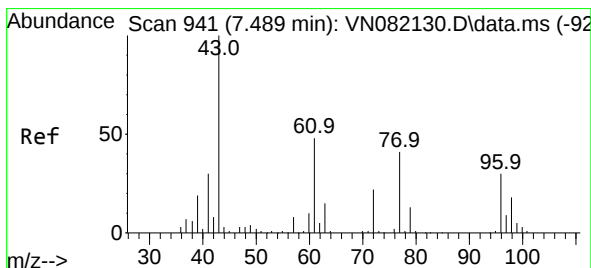
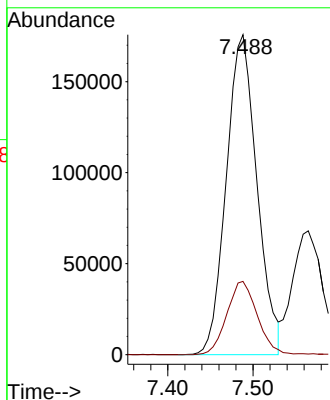
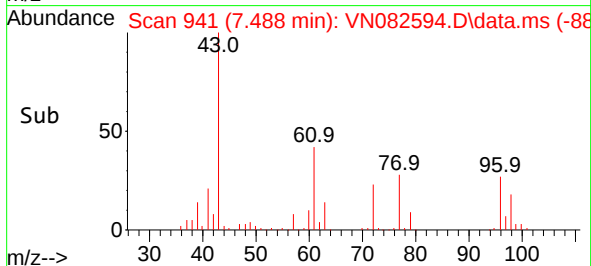
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340MSD



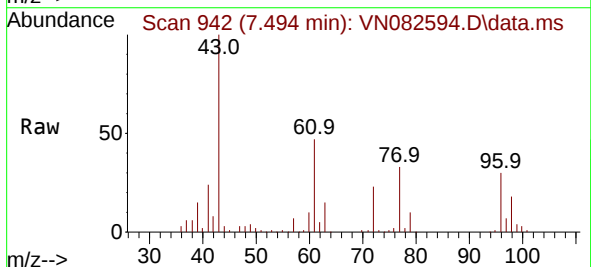
Tgt Ion: 43 Resp: 440248
Ion Ratio Lower Upper
43 100
72 22.9 25.3 37.9

Manual Integrations
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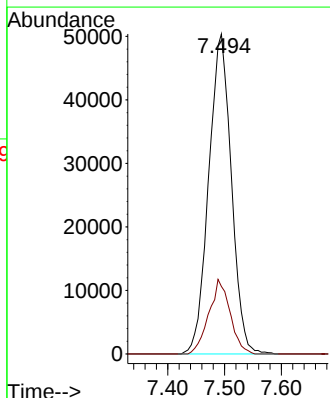
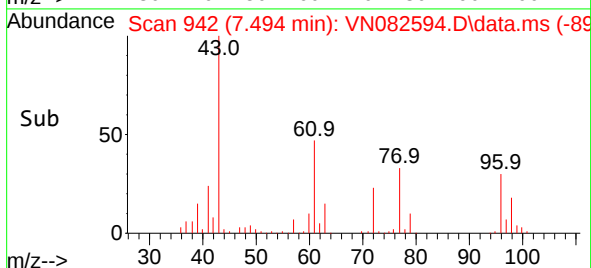
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#26
2,2-Dichloropropane
Concen: 43.866 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42



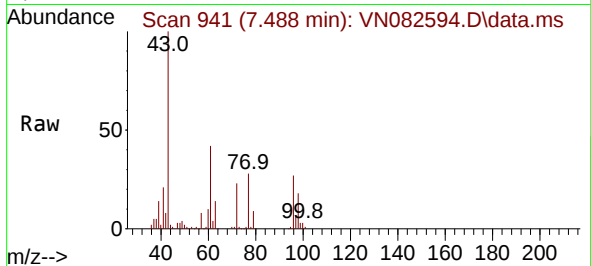
Tgt Ion: 77 Resp: 139240
Ion Ratio Lower Upper
77 100
97 21.8 11.3 33.9





#27
cis-1,2-Dichloroethene
Concen: 56.789 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

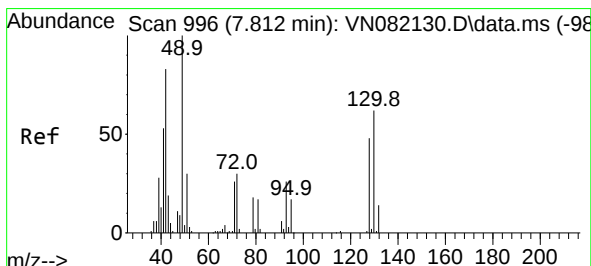
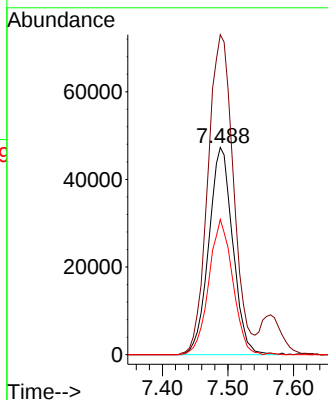
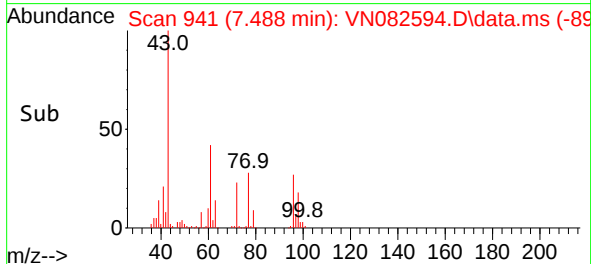
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340MSD



Tgt Ion: 96 Resp: 120112
Ion Ratio Lower Upper
96 100
61 164.9 0.0 268.0
98 64.7 0.0 126.8

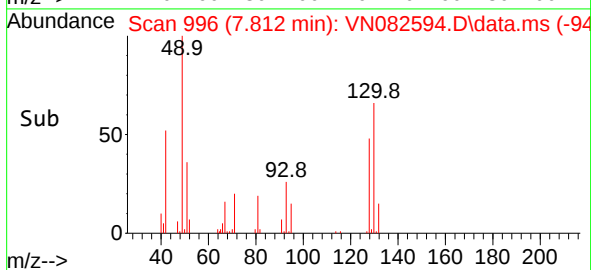
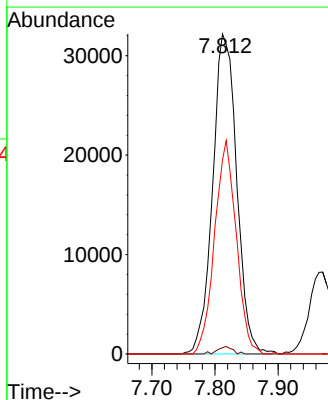
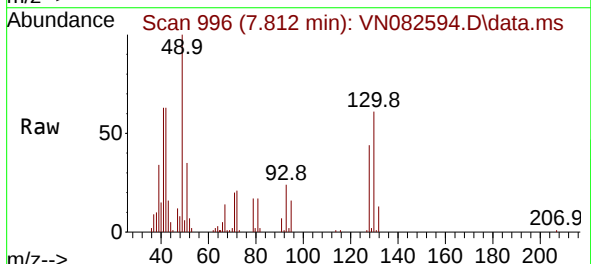
Manual Integrations
APPROVED

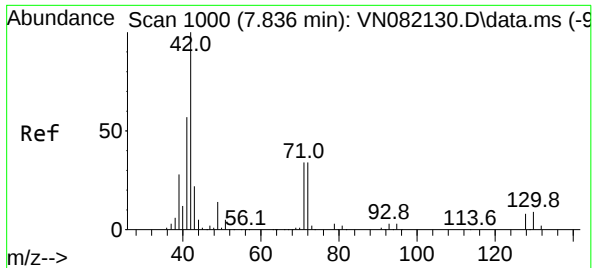
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#28
Bromochloromethane
Concen: 51.906 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

Tgt Ion: 49 Resp: 85342
Ion Ratio Lower Upper
49 100
129 1.5 0.0 4.6
130 60.1 66.7 100.1#





#29

Tetrahydrofuran

Concen: 316.754 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.005 min

Lab File: VN082594.D

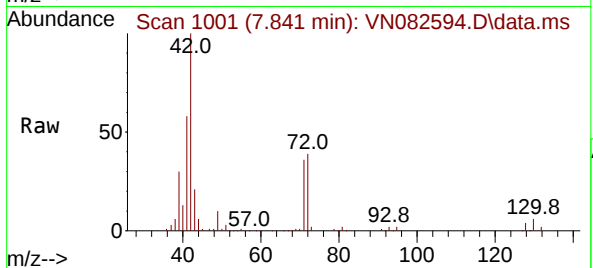
Acq: 14 Jun 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-338-340MSD



Tgt Ion: 42 Resp: 30076

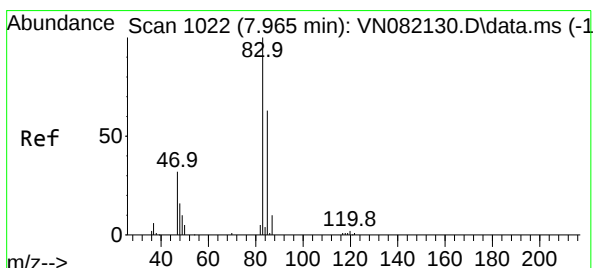
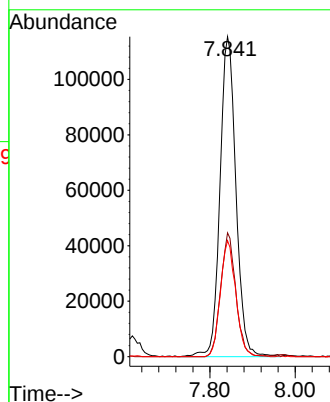
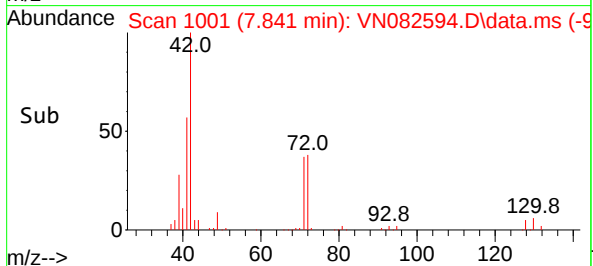
Ion	Ratio	Lower	Upper
42	100		
72	36.6	39.3	58.9
71	35.2	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#30

Chloroform

Concen: 59.615 ug/l

RT: 7.965 min Scan# 1022

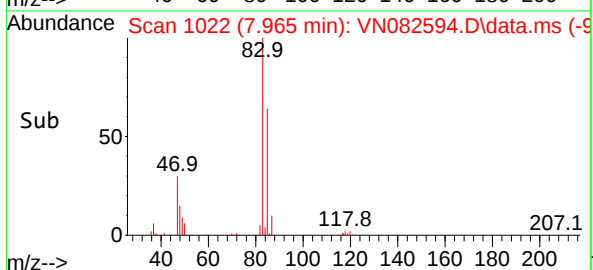
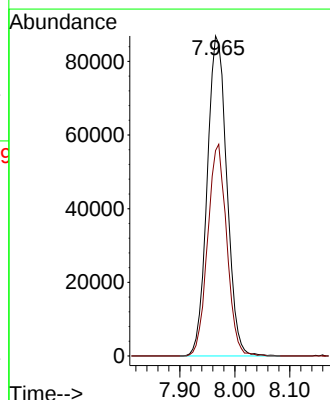
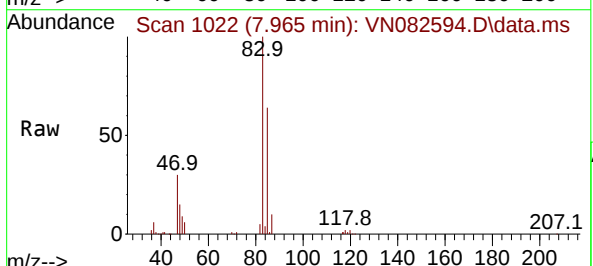
Delta R.T. -0.000 min

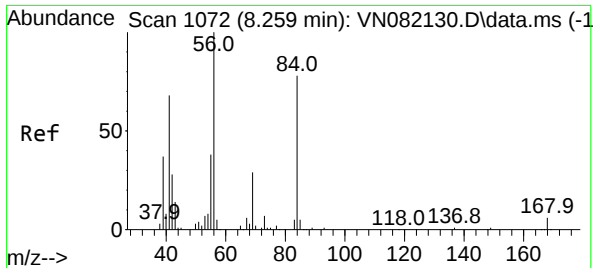
Lab File: VN082594.D

Acq: 14 Jun 2024 19:42

Tgt Ion: 83 Resp: 215741

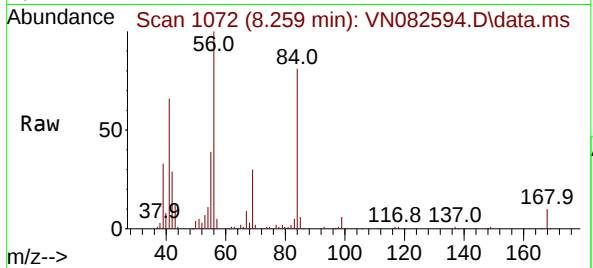
Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.7	76.1





#31
Cyclohexane
Concen: 48.215 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

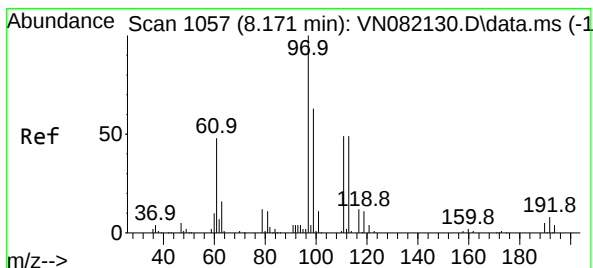
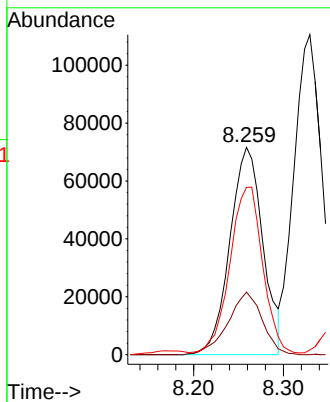
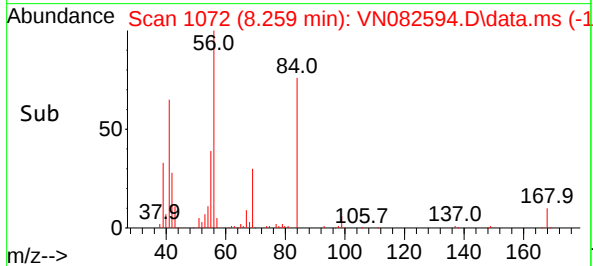
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340MSD



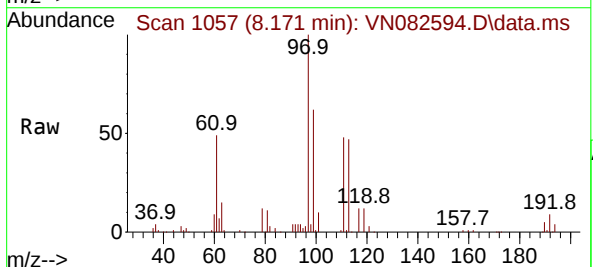
Tgt Ion: 56 Resp: 183100
Ion Ratio Lower Upper
56 100
69 30.1 24.4 36.6
84 78.9 77.0 115.4

Manual Integrations
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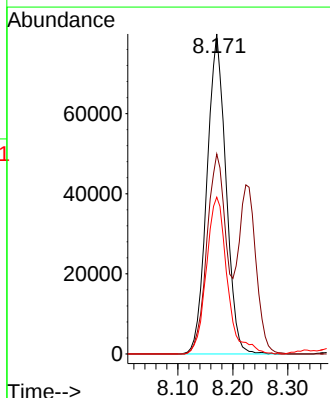
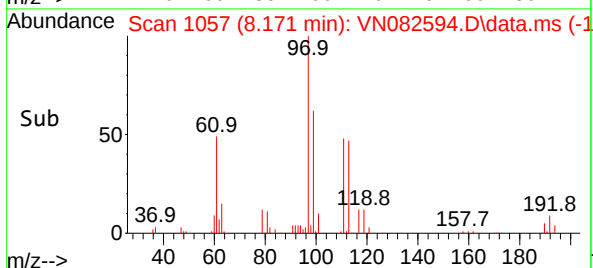
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

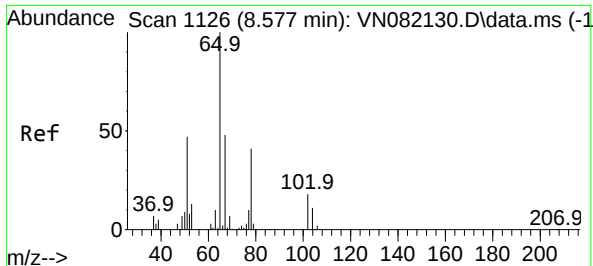


#32
1,1,1-Trichloroethane
Concen: 59.693 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42



Tgt Ion: 97 Resp: 191651
Ion Ratio Lower Upper
97 100
99 64.4 50.3 75.5
61 53.8 36.6 55.0





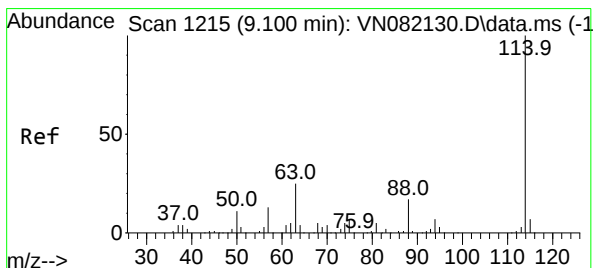
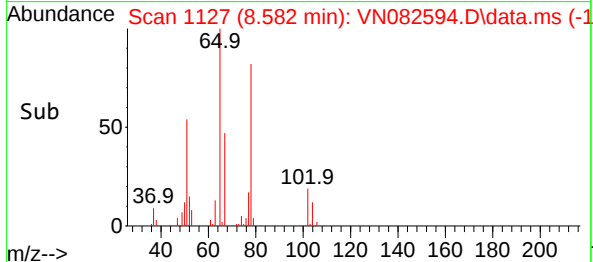
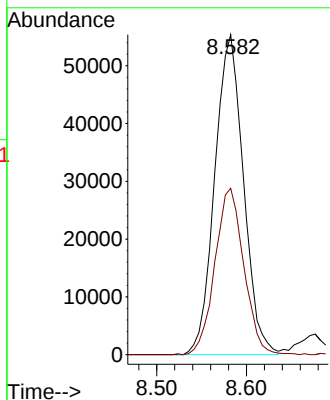
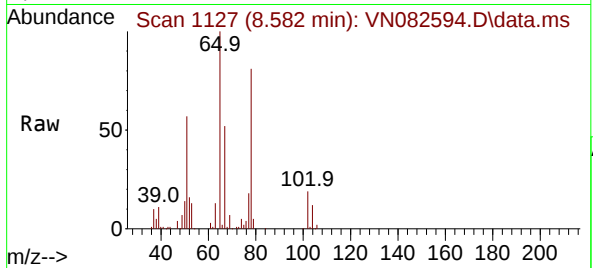
#33
1,2-Dichloroethane-d4
Concen: 51.734 ug/l
RT: 8.582 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340MSD

Tgt Ion: 65 Resp: 12301
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.0

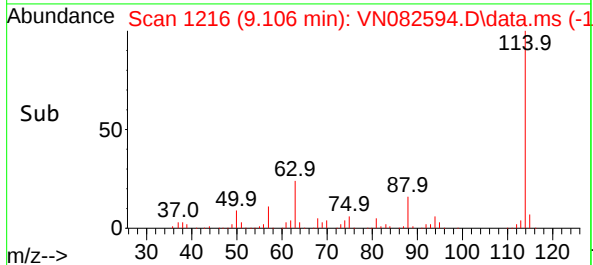
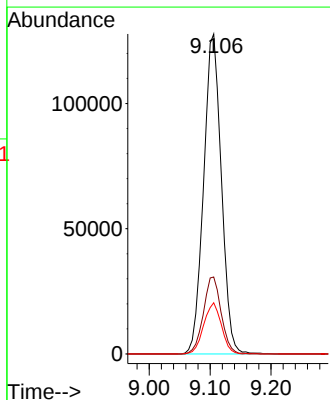
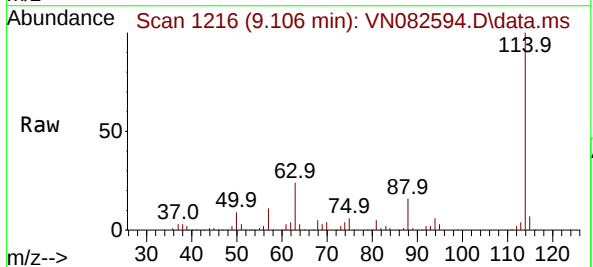
Manual Integrations
APPROVED

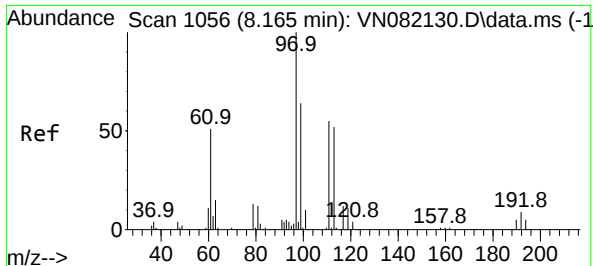
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

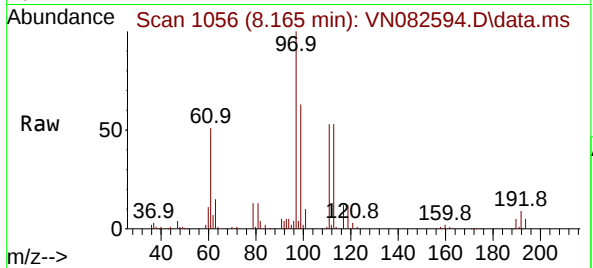
Tgt Ion:114 Resp: 258532
Ion Ratio Lower Upper
114 100
63 24.1 0.0 41.0
88 16.0 0.0 31.4





#35
Dibromofluoromethane
Concen: 56.962 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

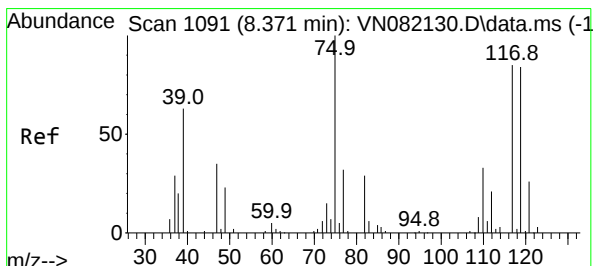
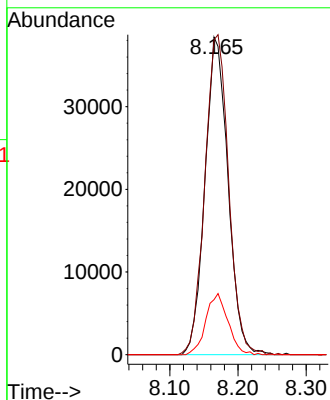
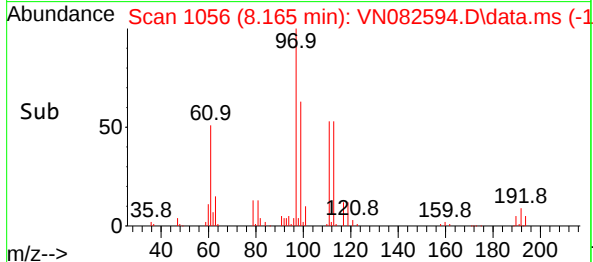
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340MSD



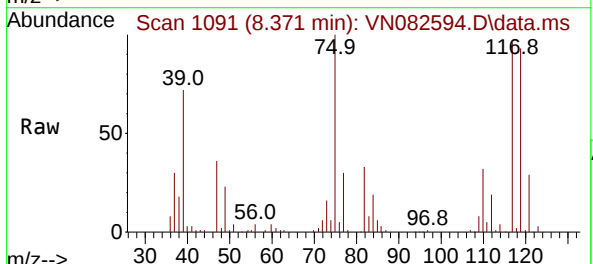
Tgt Ion: 113 Resp: 90590
Ion Ratio Lower Upper
113 100
111 103.8 83.4 125.2
192 18.4 14.0 21.0

Manual Integrations
APPROVED

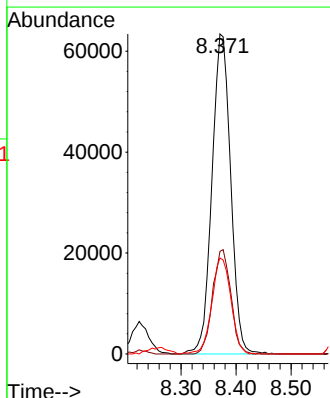
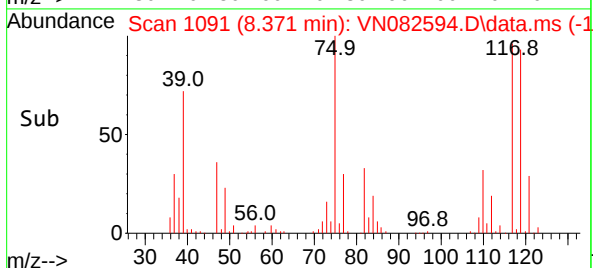
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

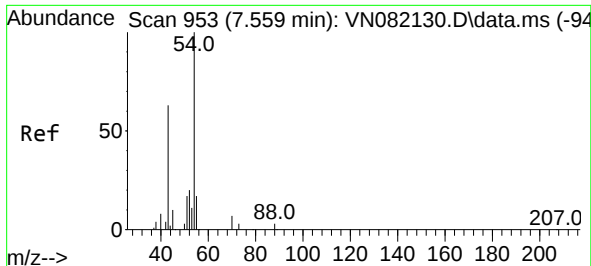


#36
1,1-Dichloropropene
Concen: 56.217 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42



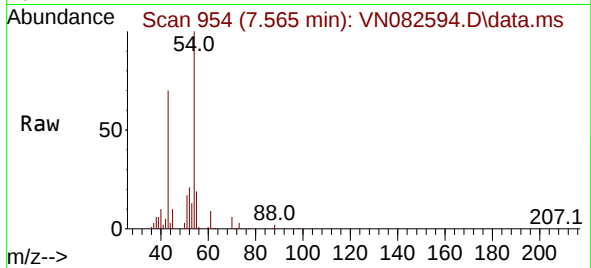
Tgt Ion: 75 Resp: 149947
Ion Ratio Lower Upper
75 100
110 31.6 17.8 53.5
77 30.6 25.0 37.4





#37
Ethyl Acetate
Concen: 58.166 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

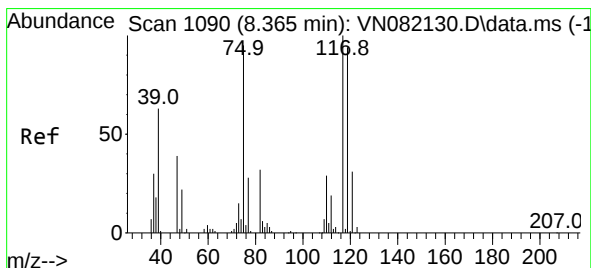
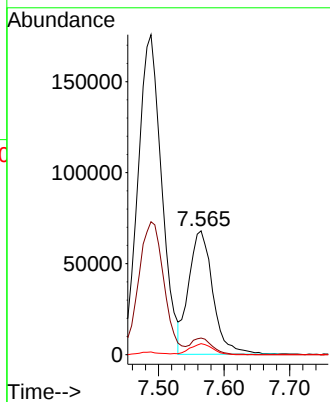
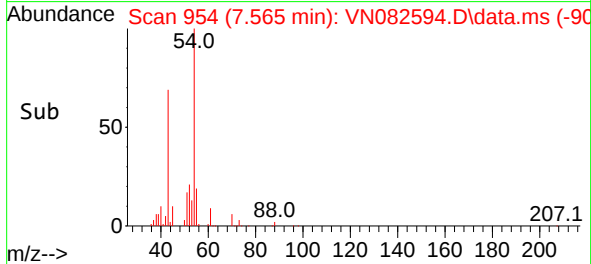
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340MSD



Tgt Ion: 43 Resp: 17362
Ion Ratio Lower Upper
43 100
61 11.8 11.3 16.9
70 8.4 8.7 13.1

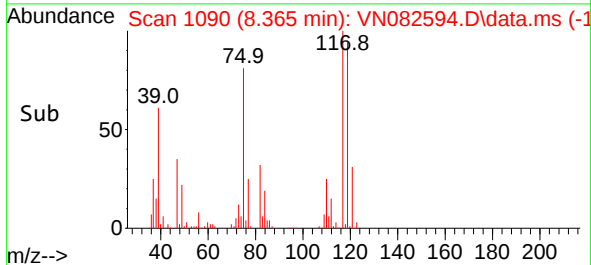
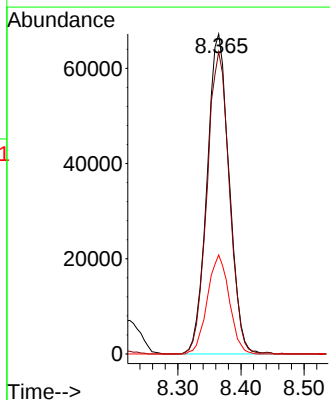
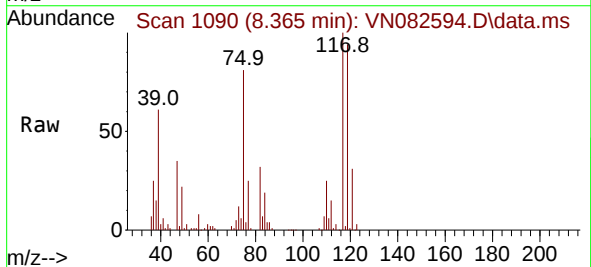
Manual Integrations
APPROVED

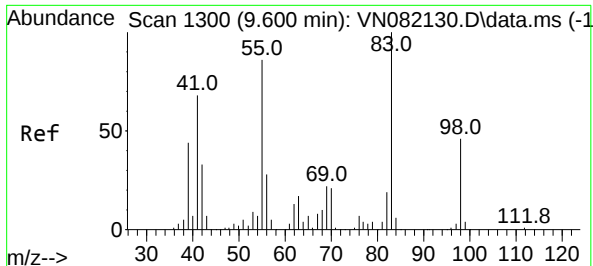
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#38
Carbon Tetrachloride
Concen: 60.543 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

Tgt Ion:117 Resp: 163701
Ion Ratio Lower Upper
117 100
119 94.4 76.5 114.7
121 31.0 23.9 35.9





#39

Methylcyclohexane

Concen: 51.429 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN082594.D

Acq: 14 Jun 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-338-340MSD

Tgt Ion: 83 Resp: 15036

Ion Ratio Lower Upper

83 100

55 82.8 53.0 79.6

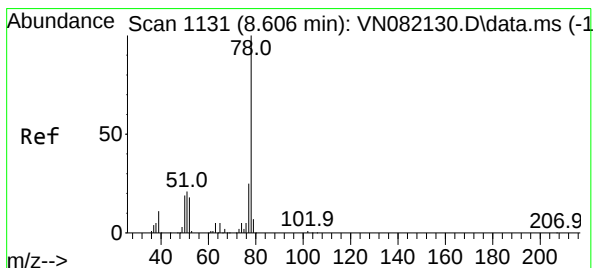
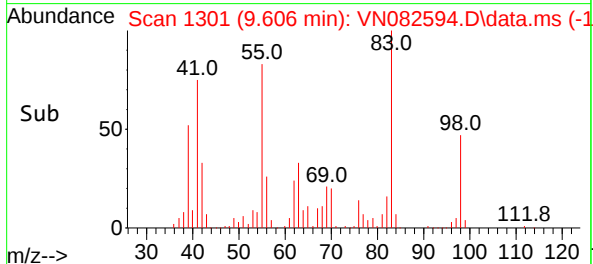
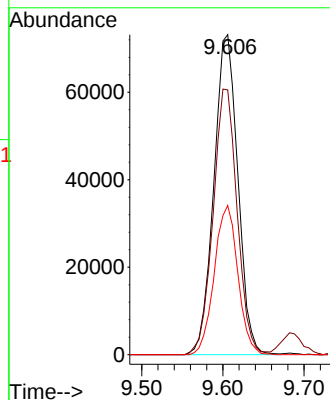
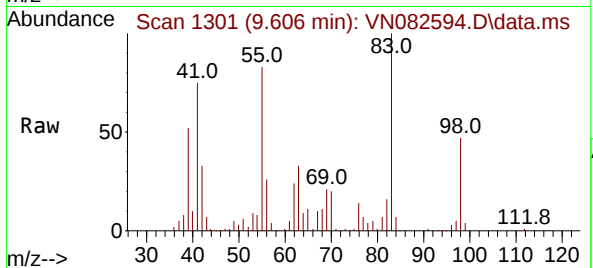
98 46.6 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#40

Benzene

Concen: 58.623 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN082594.D

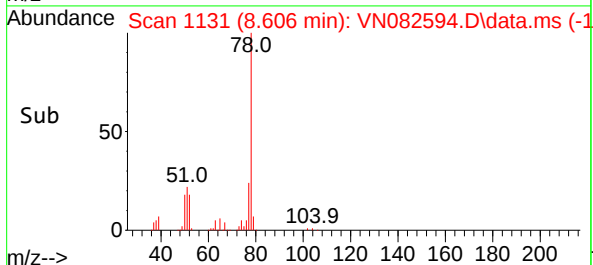
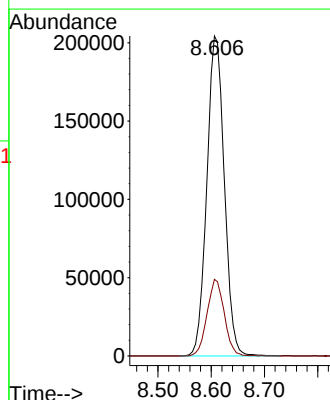
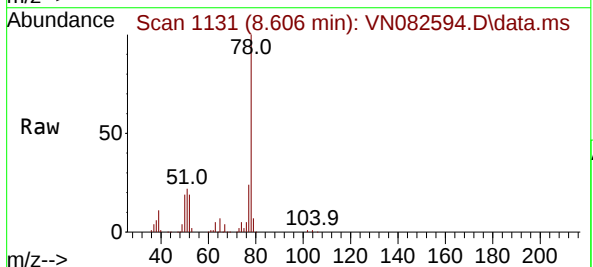
Acq: 14 Jun 2024 19:42

Tgt Ion: 78 Resp: 466280

Ion Ratio Lower Upper

78 100

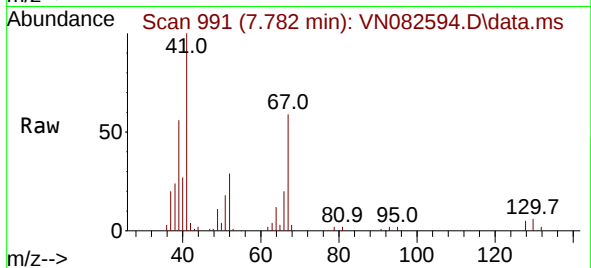
77 24.0 20.0 30.0





#41
Methacrylonitrile
Concen: 57.781 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

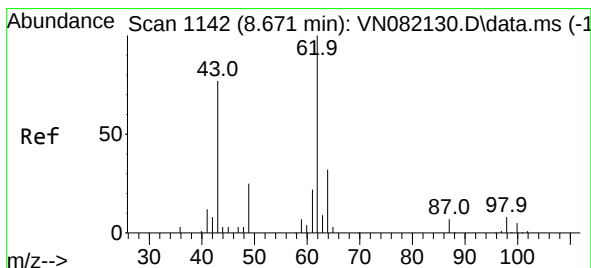
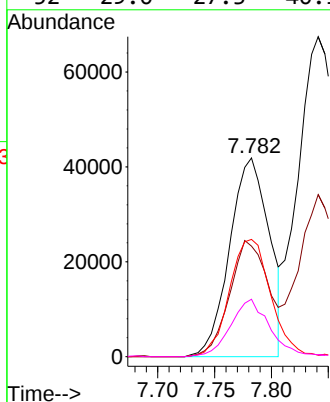
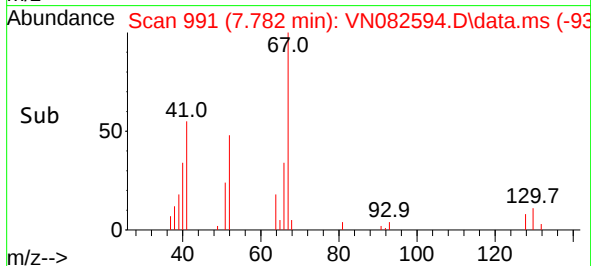
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340MSD



Tgt Ion: 41 Resp: 101430
Ion Ratio Lower Upper
41 100
39 57.1 46.6 69.8
67 62.0 67.3 100.9
52 29.0 27.3 40.9

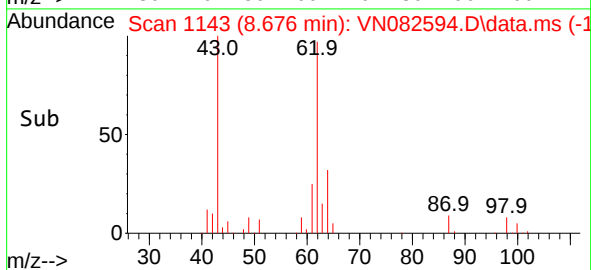
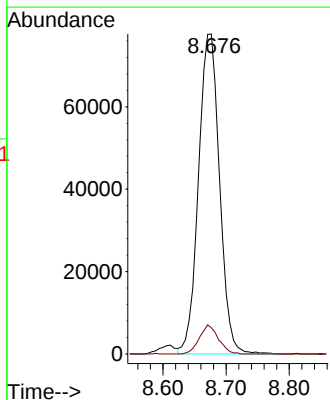
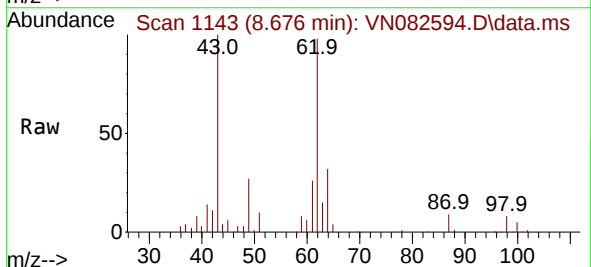
Manual Integrations
APPROVED

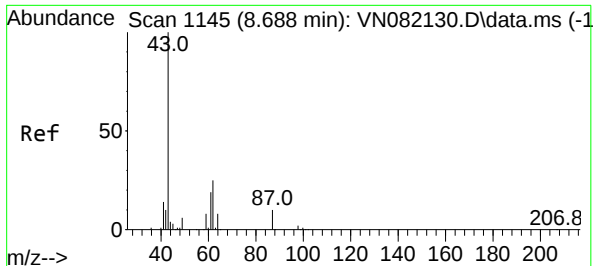
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#42
1,2-Dichloroethane
Concen: 58.782 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

Tgt Ion: 62 Resp: 179819
Ion Ratio Lower Upper
62 100
98 8.2 0.0 19.6





#43

Isopropyl Acetate

Concen: 59.690 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN082594.D

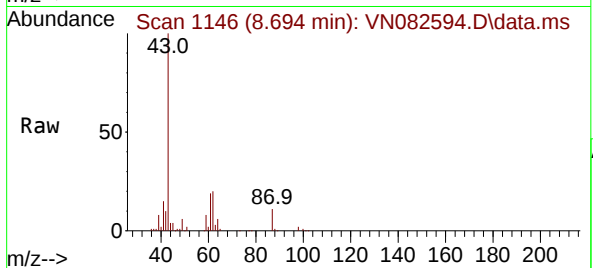
Acq: 14 Jun 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-338-340MSD



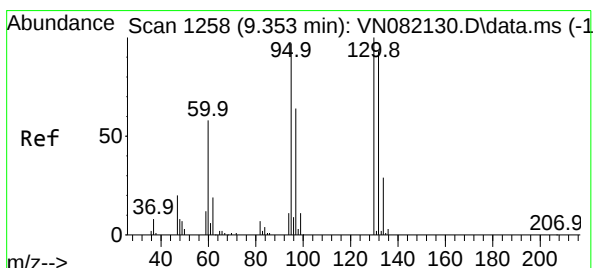
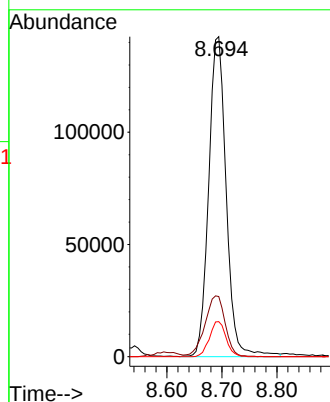
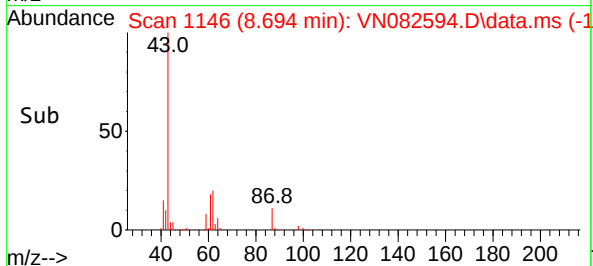
Tgt Ion: 43	Resp: 31571
Ion Ratio	Lower Upper
43	100
61	22.0 22.8 34.2
87	10.4 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#44

Trichloroethene

Concen: 56.213 ug/l

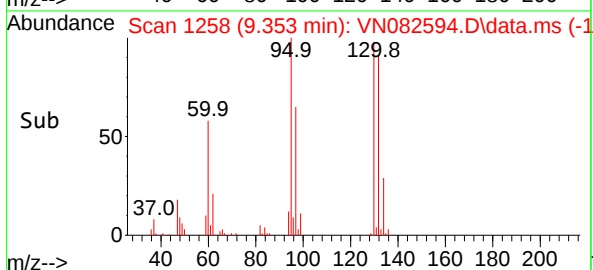
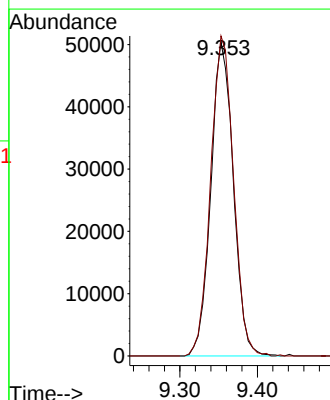
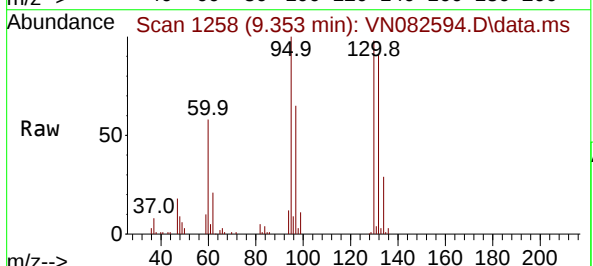
RT: 9.353 min Scan# 1258

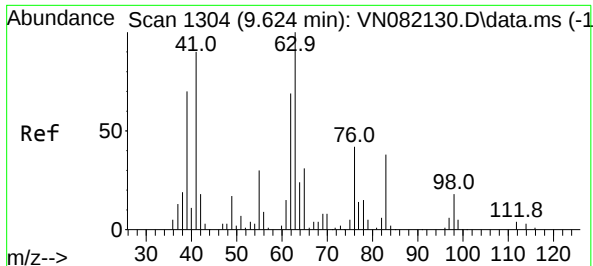
Delta R.T. -0.000 min

Lab File: VN082594.D

Acq: 14 Jun 2024 19:42

Tgt Ion:130	Resp: 101564
Ion Ratio	Lower Upper
130	100
95	102.0 0.0 195.4





#45

1,2-Dichloropropane

Concen: 59.271 ug/l

RT: 9.623 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082594.D

Acq: 14 Jun 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-338-340MSD

Tgt Ion: 63 Resp: 12163

Ion Ratio Lower Upper

63 100

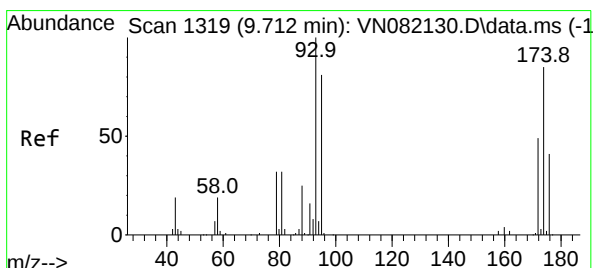
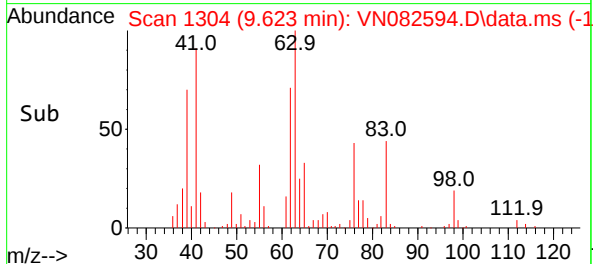
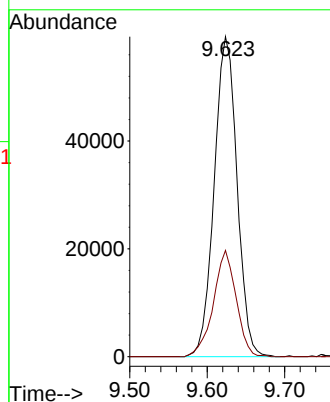
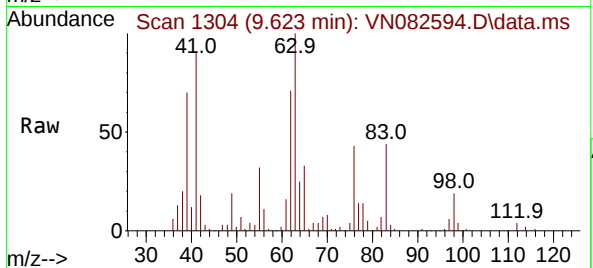
65 33.2 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#46

Dibromomethane

Concen: 60.011 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082594.D

Acq: 14 Jun 2024 19:42

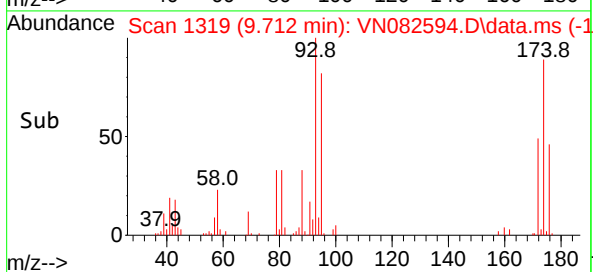
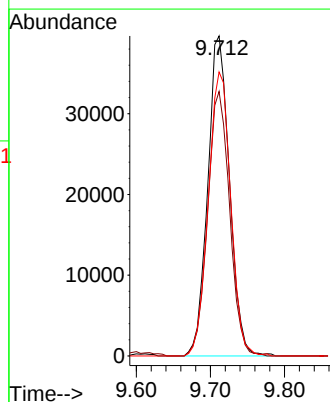
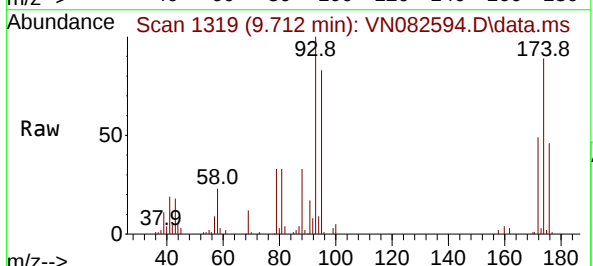
Tgt Ion: 93 Resp: 80855

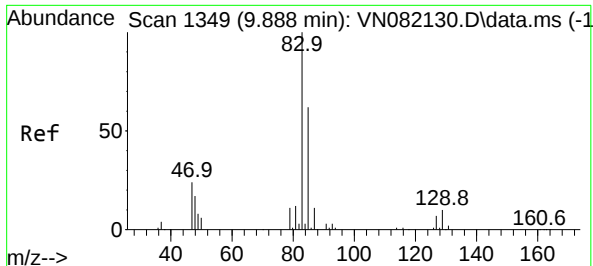
Ion Ratio Lower Upper

93 100

95 83.4 64.8 97.2

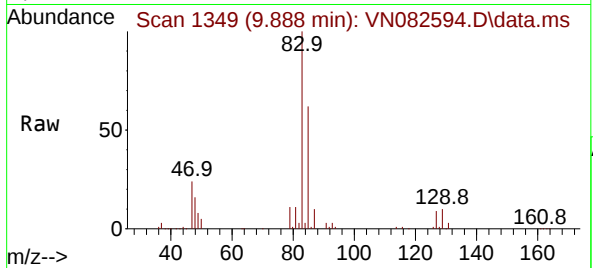
174 91.4 73.4 110.0





#47
Bromodichloromethane
Concen: 61.615 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

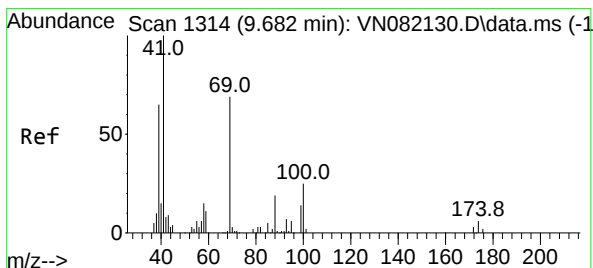
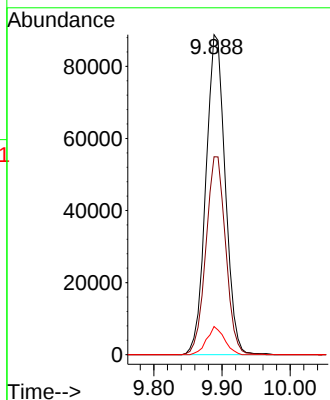
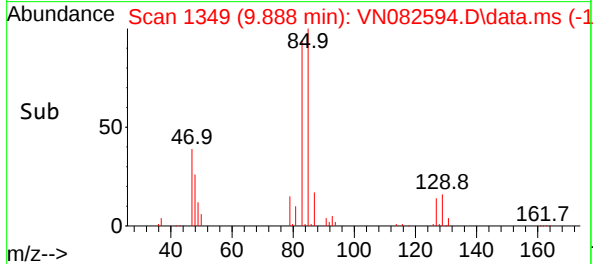
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340MSD



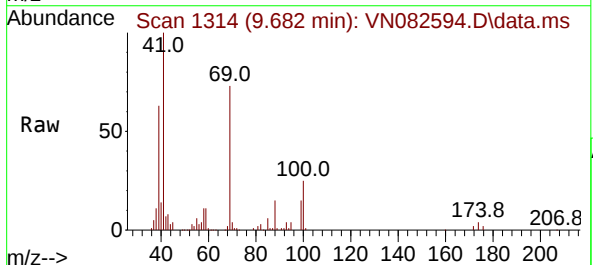
Tgt Ion: 83 Resp: 175254
Ion Ratio Lower Upper
83 100
85 61.8 51.9 77.9
127 8.8 7.5 11.3

Manual Integrations
APPROVED

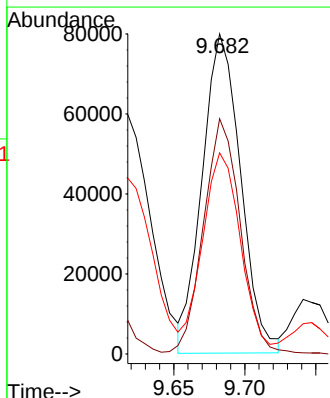
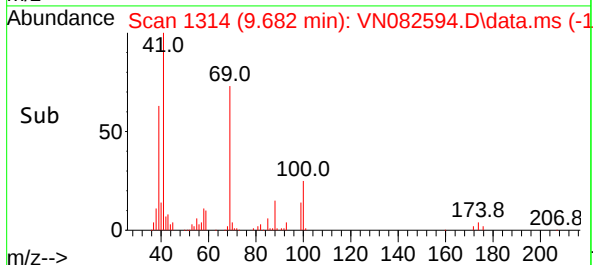
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

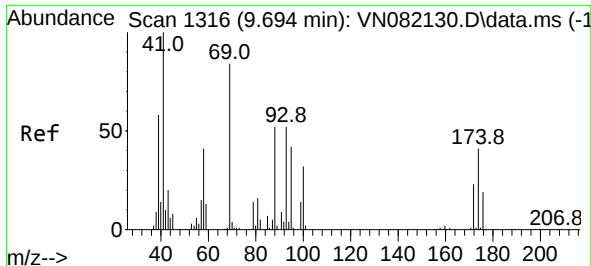


#48
Methyl methacrylate
Concen: 59.637 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42



Tgt Ion: 41 Resp: 150305
Ion Ratio Lower Upper
41 100
69 70.8 77.9 116.9#
39 62.9 50.9 76.3





#49

1,4-Dioxane

Concen: 1304.813 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082594.D

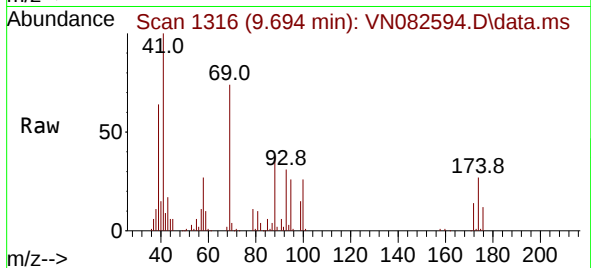
Acq: 14 Jun 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-338-340MSD



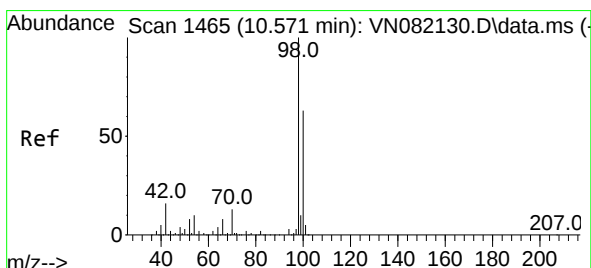
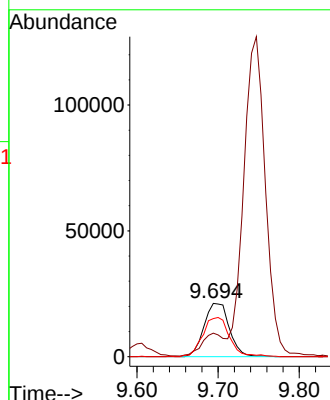
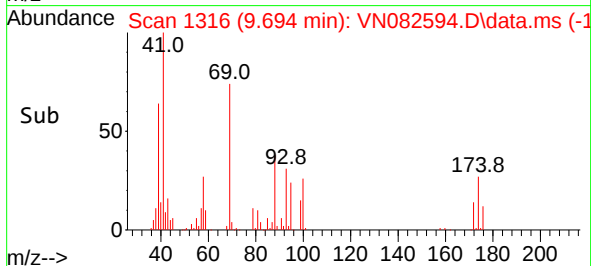
Tgt Ion:	88	Resp:	4608
Ion Ratio	Lower	Upper	
88	100		
43	40.8	19.0	28.6
58	77.9	50.6	76.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#50

Toluene-d8

Concen: 51.052 ug/l

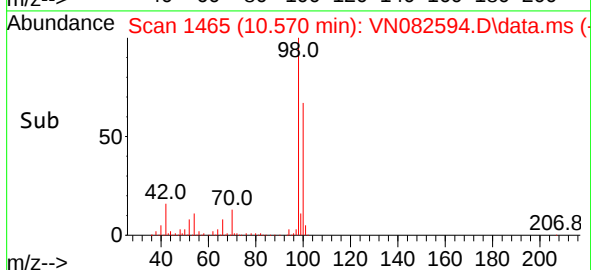
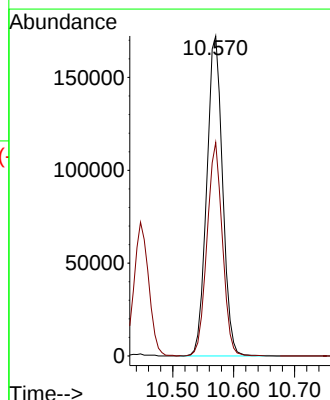
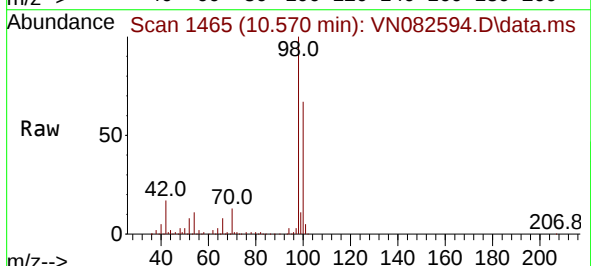
RT: 10.570 min Scan# 1465

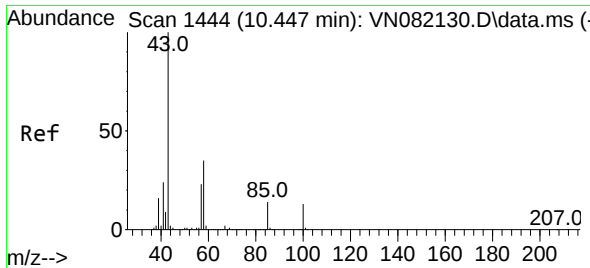
Delta R.T. -0.000 min

Lab File: VN082594.D

Acq: 14 Jun 2024 19:42

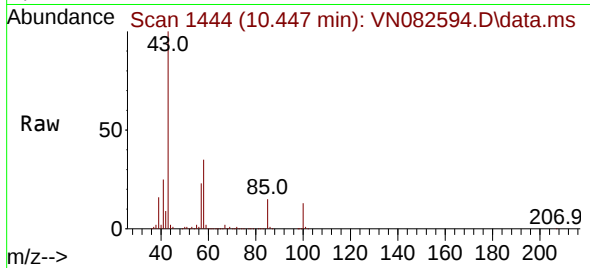
Tgt Ion:	98	Resp:	311284
Ion Ratio	Lower	Upper	
98	100		
100	64.9	51.8	77.6





#51
4-Methyl-2-Pentanone
Concen: 323.802 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

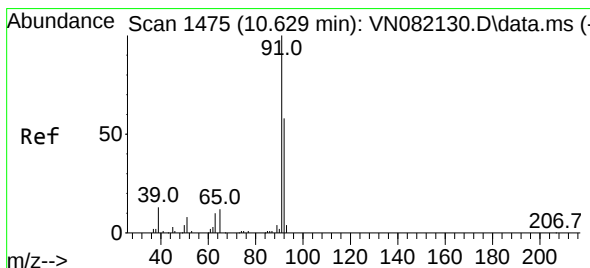
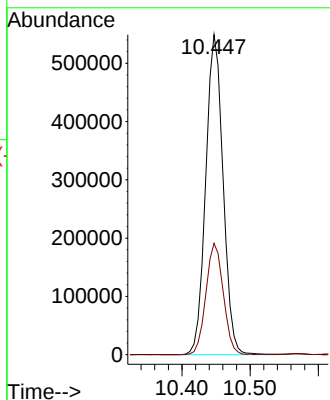
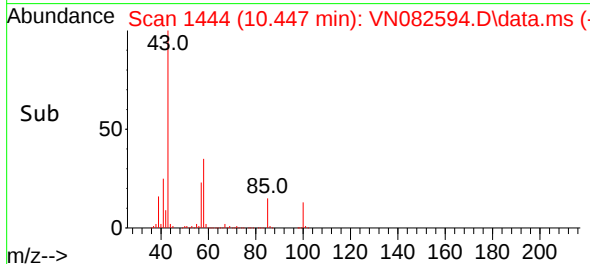
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340MSD



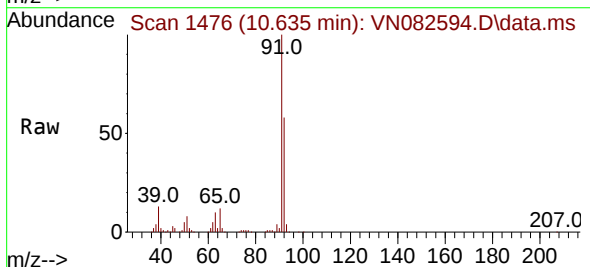
Tgt Ion: 43 Resp: 973090
Ion Ratio Lower Upper
43 100
58 34.9 33.2 49.8

Manual Integrations
APPROVED

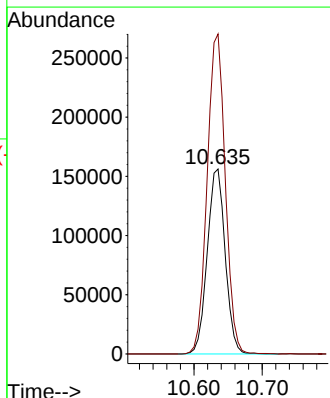
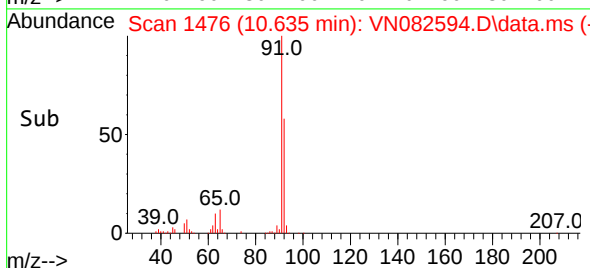
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

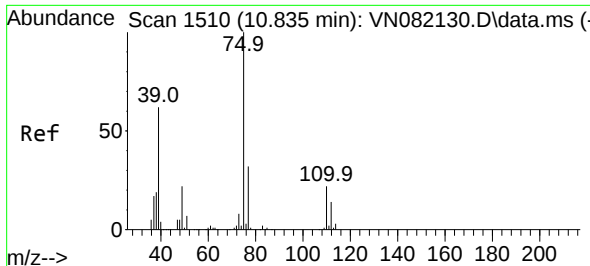


#52
Toluene
Concen: 59.948 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42



Tgt Ion: 92 Resp: 286146
Ion Ratio Lower Upper
92 100
91 174.5 136.7 205.1





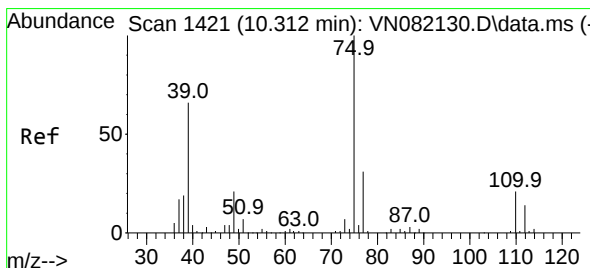
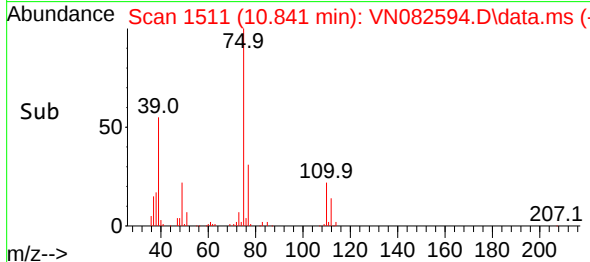
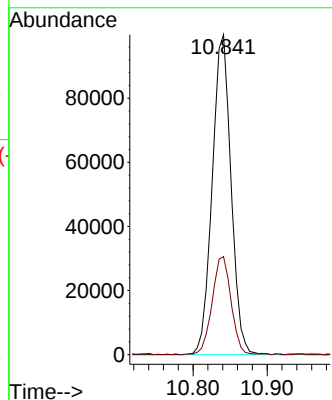
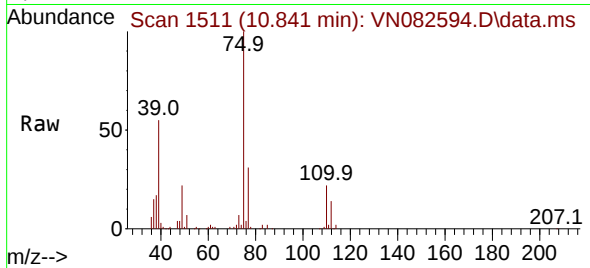
#53
t-1,3-Dichloropropene
Concen: 59.816 ug/l
RT: 10.841 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340MSD

Tgt Ion: 75 Resp: 17596
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0

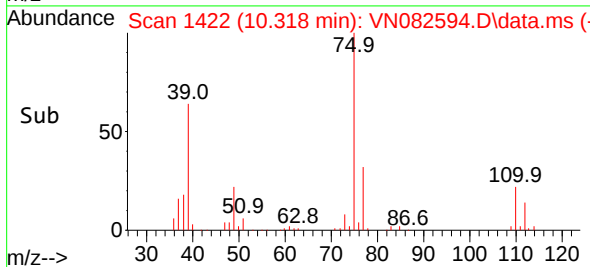
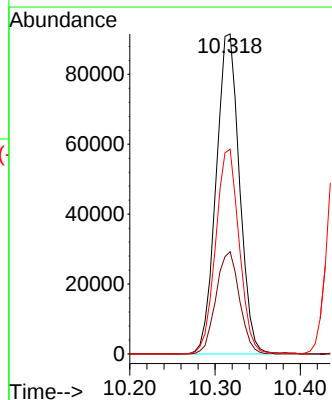
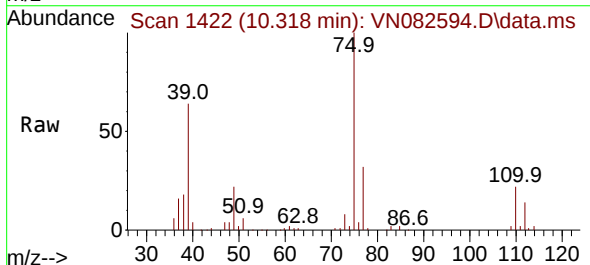
Manual Integrations
APPROVED

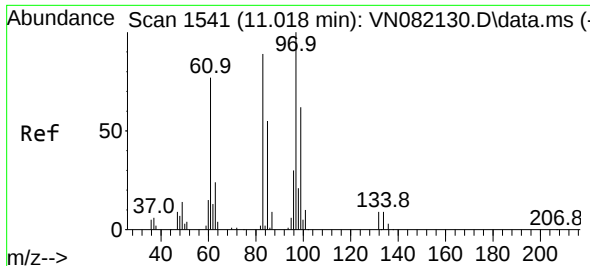
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#54
cis-1,3-Dichloropropene
Concen: 56.003 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

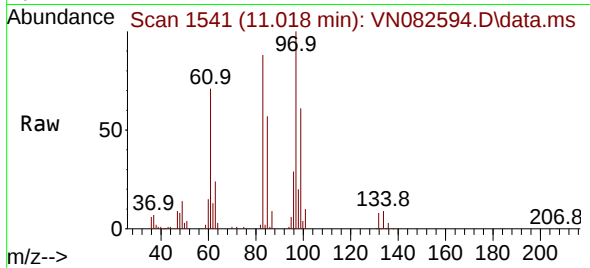
Tgt Ion: 75 Resp: 174385
Ion Ratio Lower Upper
75 100
77 31.9 25.0 37.4
39 64.0 34.8 52.2#





#55
1,1,2-Trichloroethane
Concen: 62.789 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

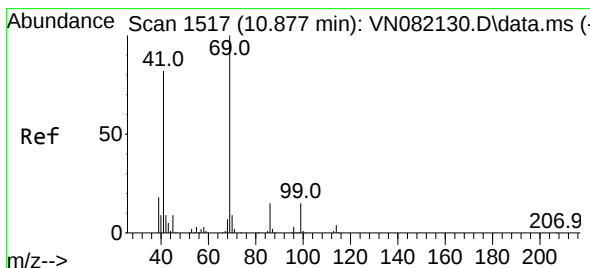
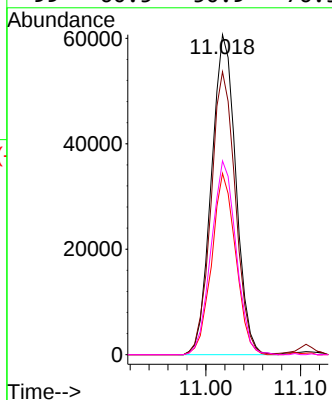
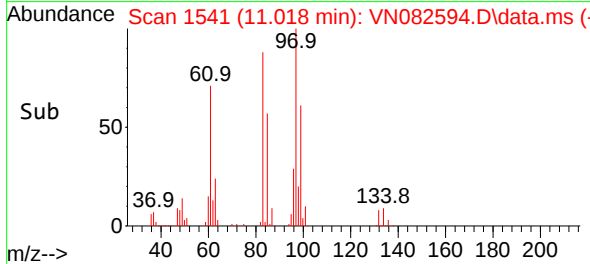
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340MSD



Tgt Ion:	97	Resp:	108914
Ion	Ratio	Lower	Upper
97	100		
83	88.4	70.4	105.6
85	56.6	45.6	68.4
99	60.5	50.9	76.3

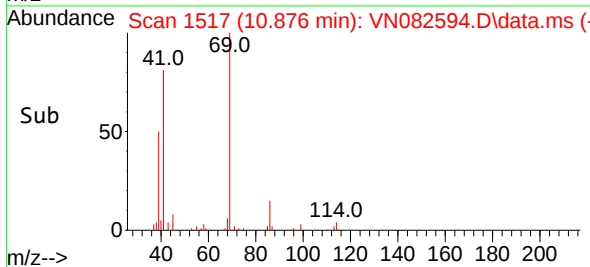
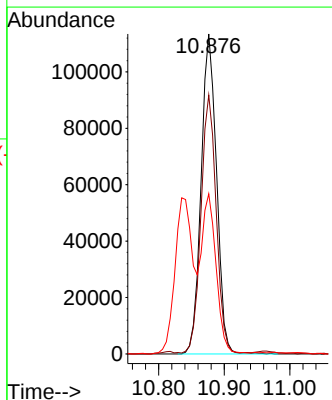
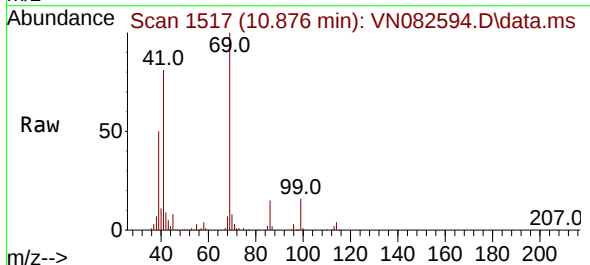
Manual Integrations
APPROVED

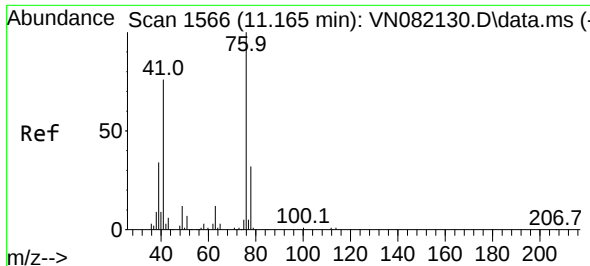
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#56
Ethyl methacrylate
Concen: 63.158 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

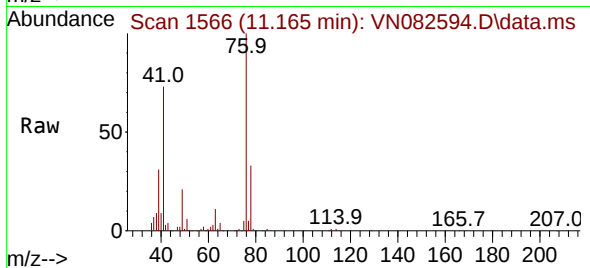
Tgt Ion:	69	Resp:	186001
Ion	Ratio	Lower	Upper
69	100		
41	79.5	46.6	70.0#
39	45.9	26.5	39.7#





#57
1,3-Dichloropropane
Concen: 60.825 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

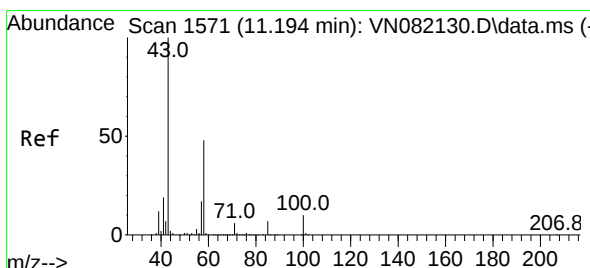
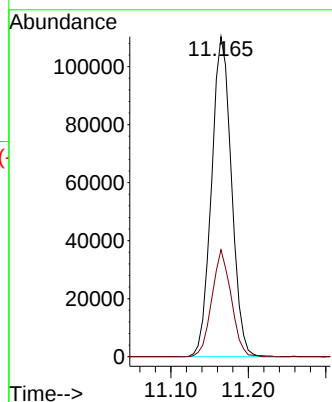
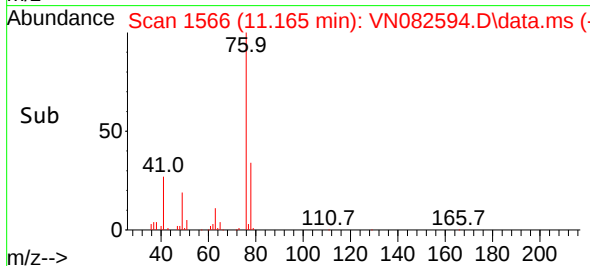
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340MSD



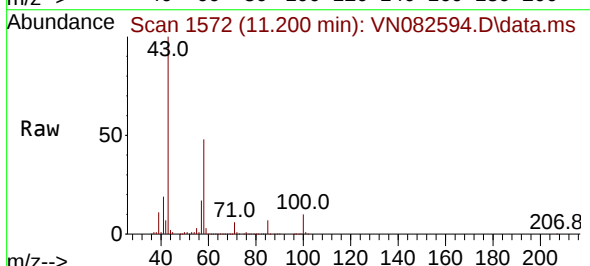
Tgt Ion: 76 Resp: 197270
Ion Ratio Lower Upper
76 100
78 32.3 25.8 38.6

Manual Integrations
APPROVED

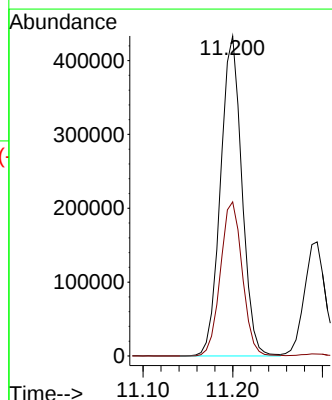
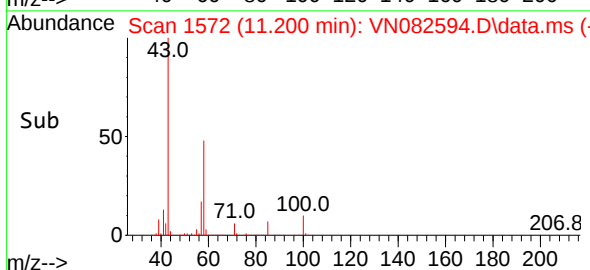
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

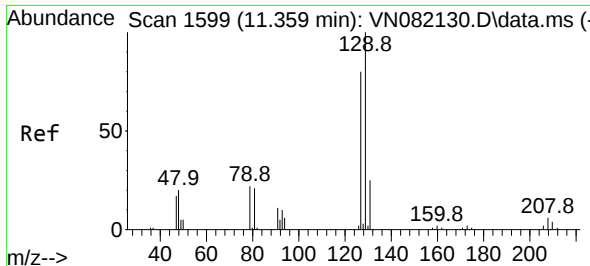


#59
2-Hexanone
Concen: 325.395 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42



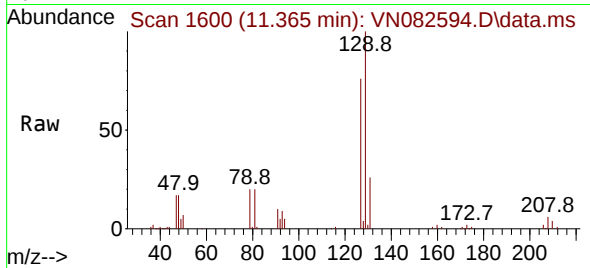
Tgt Ion: 43 Resp: 716009
Ion Ratio Lower Upper
43 100
58 49.2 28.3 84.9





#60
Dibromochloromethane
Concen: 68.592 ug/l
RT: 11.365 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

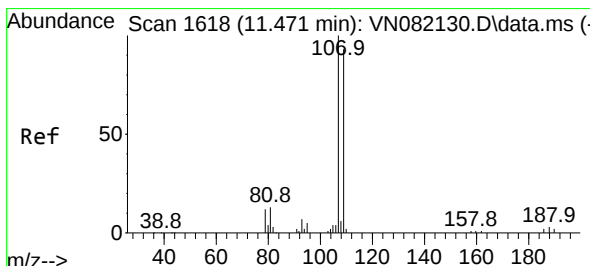
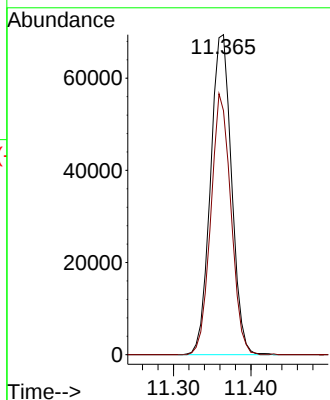
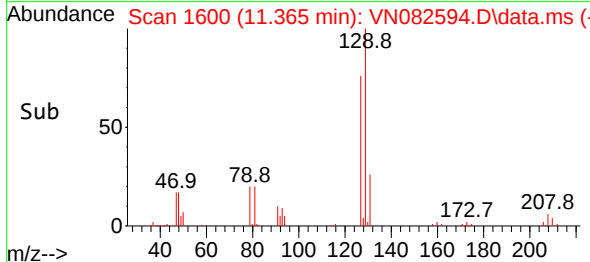
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340MSD



Tgt Ion:129 Resp: 131302
Ion Ratio Lower Upper
129 100
127 77.7 38.3 114.8

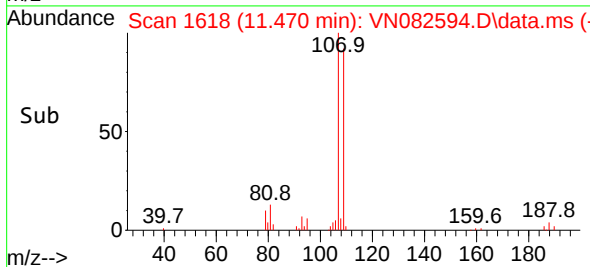
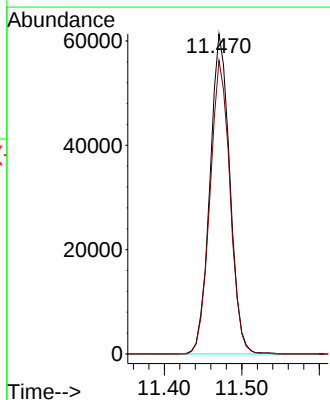
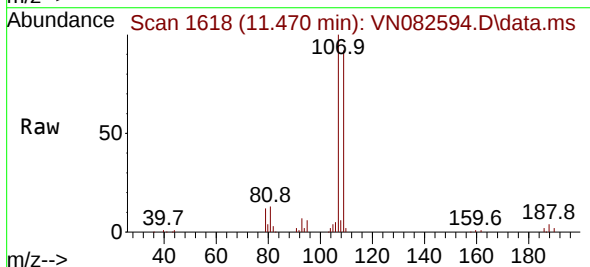
Manual Integrations
APPROVED

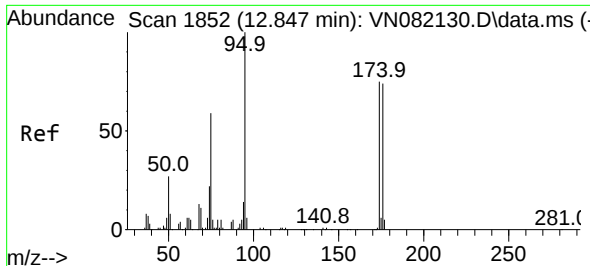
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#61
1,2-Dibromoethane
Concen: 61.275 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

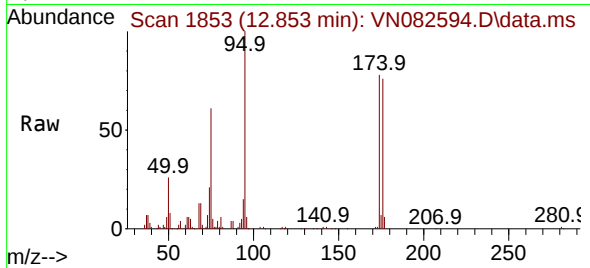
Tgt Ion:107 Resp: 109171
Ion Ratio Lower Upper
107 100
109 92.5 75.8 113.6





#62
4-Bromofluorobenzene
Concen: 54.482 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

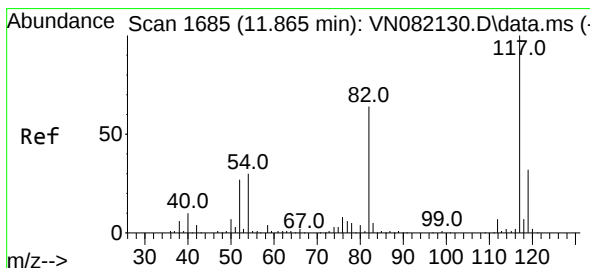
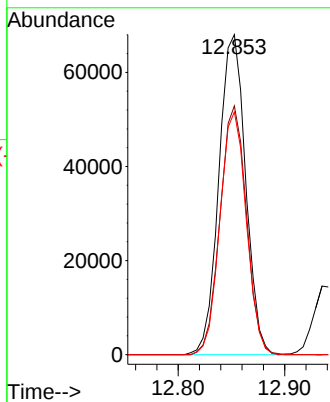
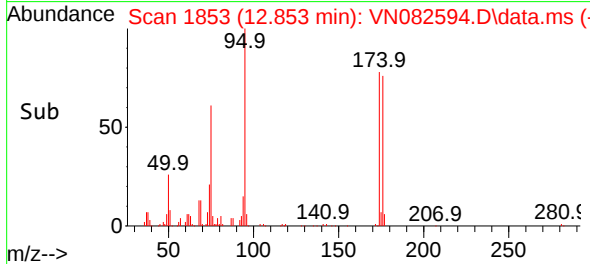
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340MSD



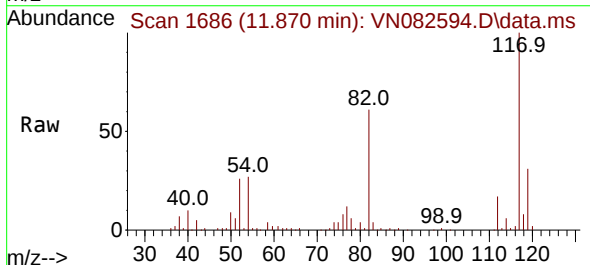
Tgt Ion: 95 Resp: 118569
Ion Ratio Lower Upper
95 100
174 76.6 0.0 160.6
176 74.6 0.0 152.8

Manual Integrations
APPROVED

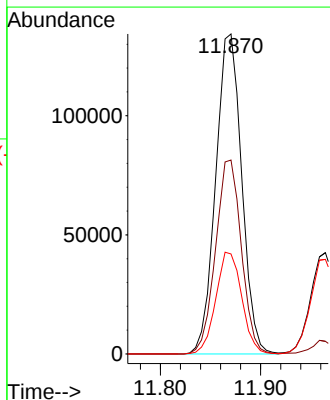
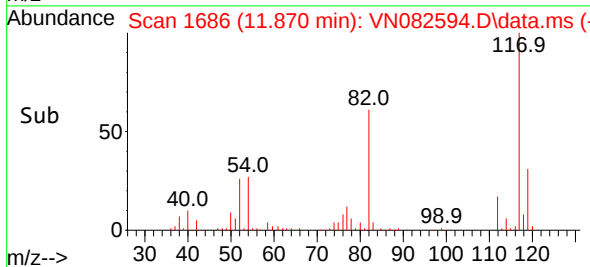
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

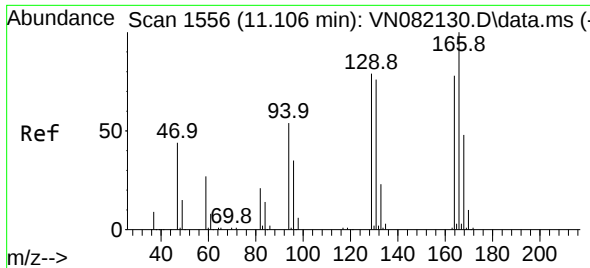


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42



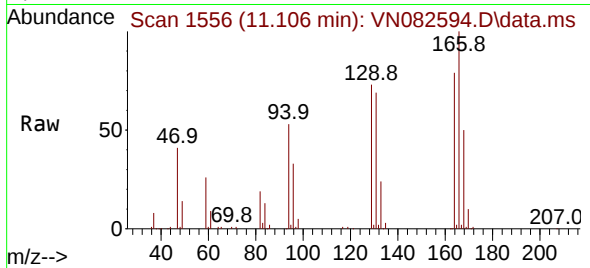
Tgt Ion:117 Resp: 242404
Ion Ratio Lower Upper
117 100
82 60.6 44.6 66.8
119 31.2 25.9 38.9





#64
Tetrachloroethene
Concen: 55.322 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

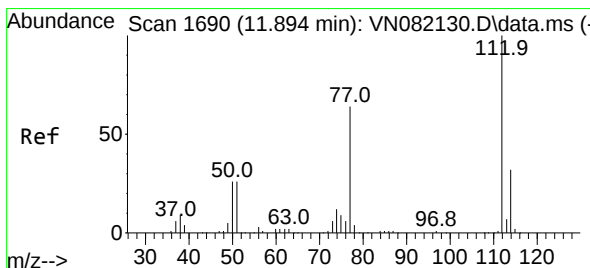
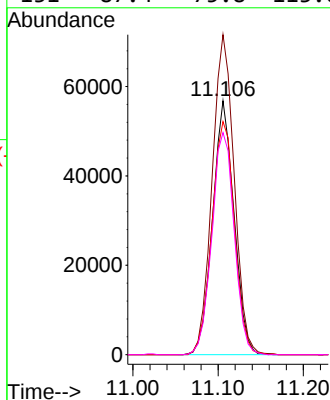
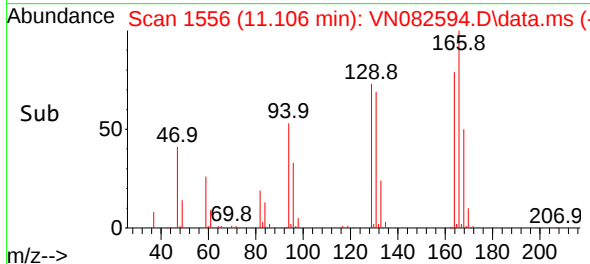
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340MSD



Tgt Ion:164 Resp: 99397
Ion Ratio Lower Upper
164 100
166 126.0 97.6 146.4
129 91.8 73.7 110.5
131 87.4 75.8 113.6

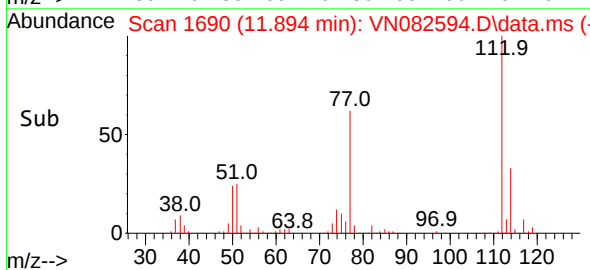
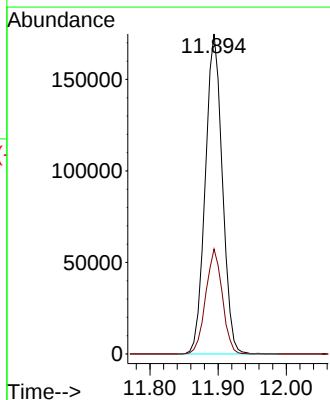
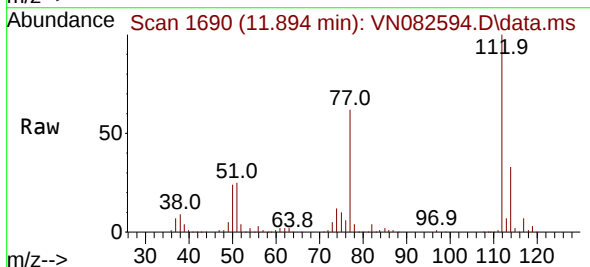
Manual Integrations
APPROVED

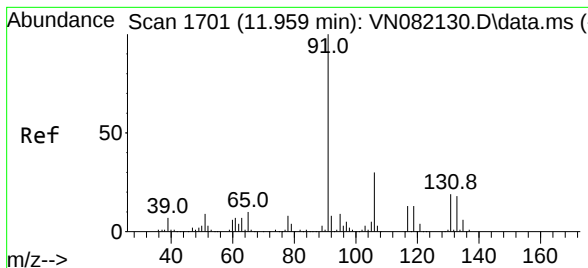
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#65
Chlorobenzene
Concen: 56.778 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

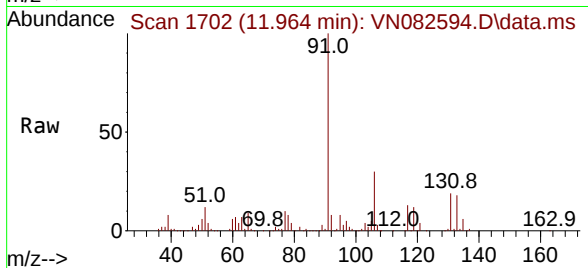
Tgt Ion:112 Resp: 304047
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5





#66
1,1,1,2-Tetrachloroethane
Concen: 63.168 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

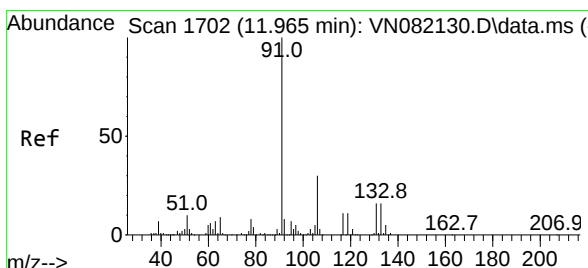
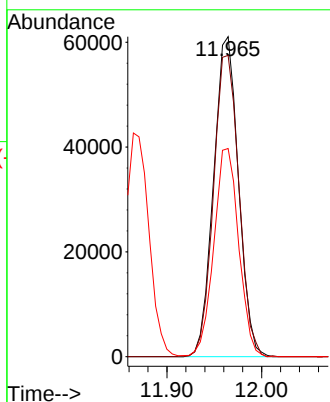
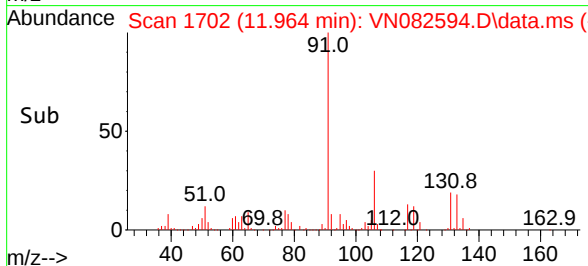
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340MSD



Tgt Ion:131 Resp: 111424
Ion Ratio Lower Upper
131 100
133 96.4 47.5 142.6
119 65.2 32.9 98.7

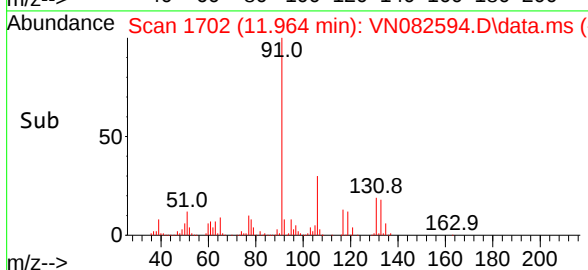
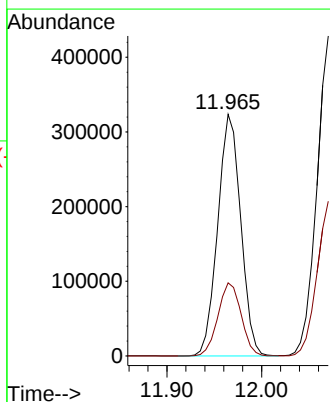
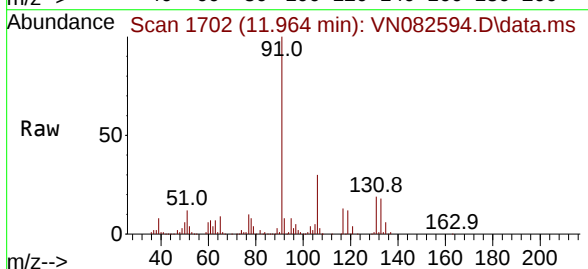
Manual Integrations
APPROVED

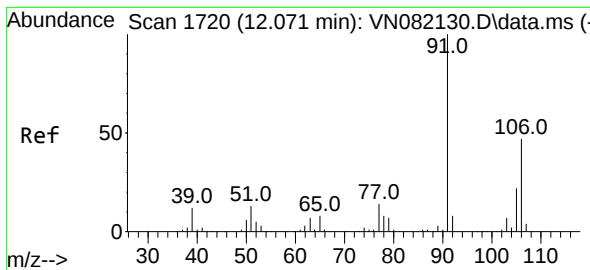
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#67
Ethyl Benzene
Concen: 57.098 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

Tgt Ion: 91 Resp: 546970
Ion Ratio Lower Upper
91 100
106 30.3 25.3 37.9





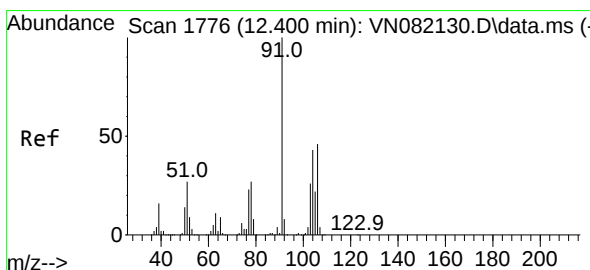
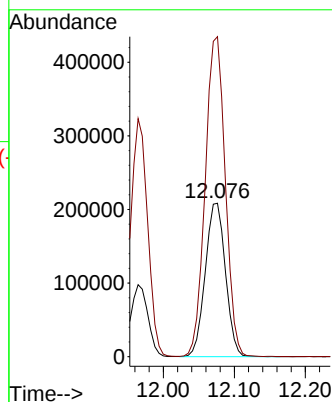
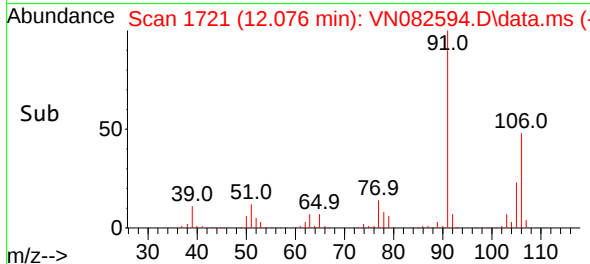
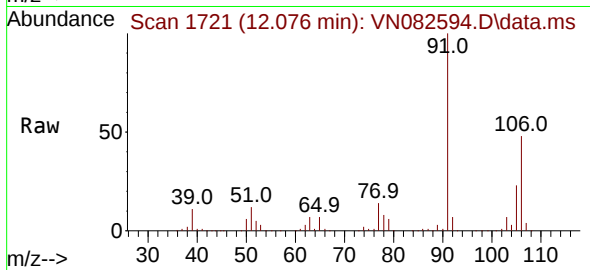
#68
m/p-Xylenes
Concen: 117.337 ug/l
RT: 12.076 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340MSD

Tgt Ion:106 Resp: 41196
Ion Ratio Lower Upper
106 100
91 207.4 159.4 239.0

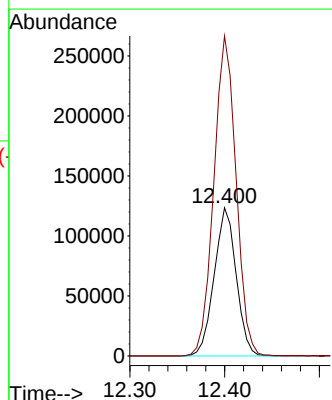
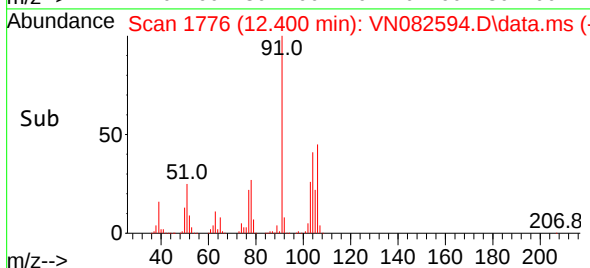
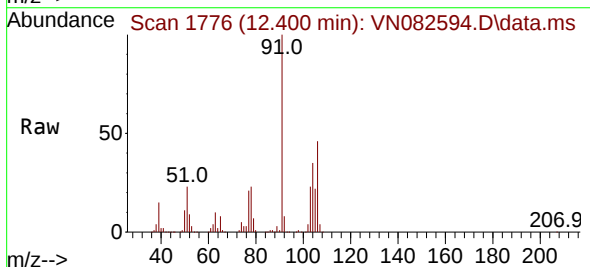
Manual Integrations
APPROVED

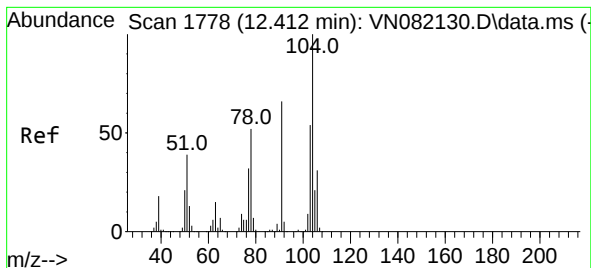
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#69
o-Xylene
Concen: 58.543 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

Tgt Ion:106 Resp: 199102
Ion Ratio Lower Upper
106 100
91 218.4 104.7 314.1





#70

Styrene

Concen: 56.919 ug/l

RT: 12.412 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082594.D

Acq: 14 Jun 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-338-340MSD

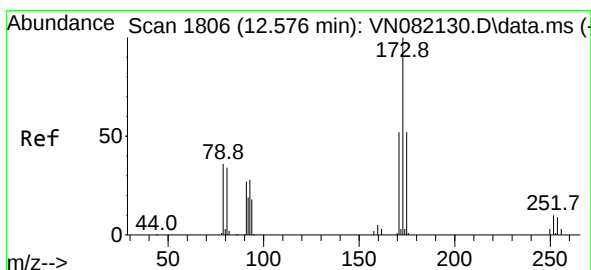
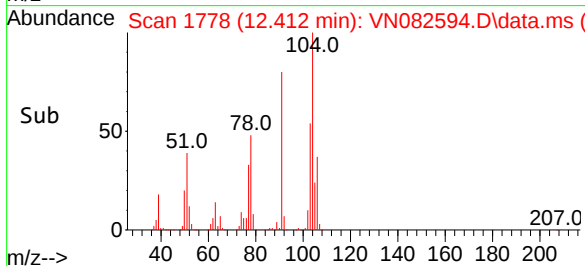
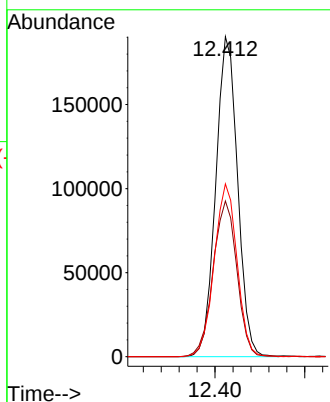
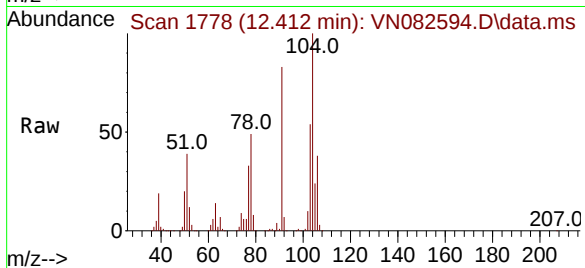
Tgt Ion:104	Resp:	32153
Ion Ratio	Lower	Upper
104	100	
78	53.0	38.6 58.0
103	56.6	43.8 65.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#71

Bromoform

Concen: 63.380 ug/l

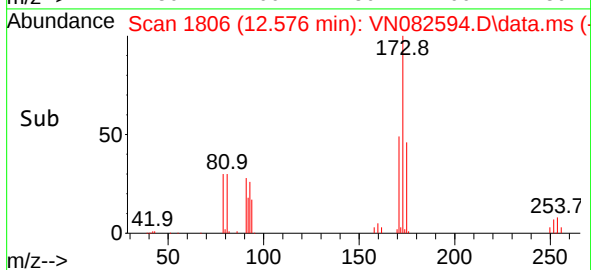
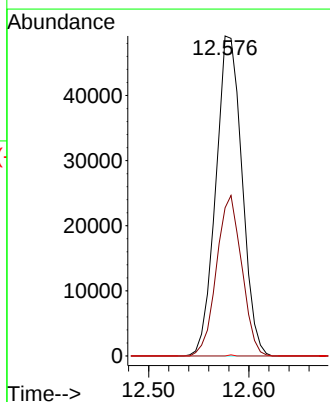
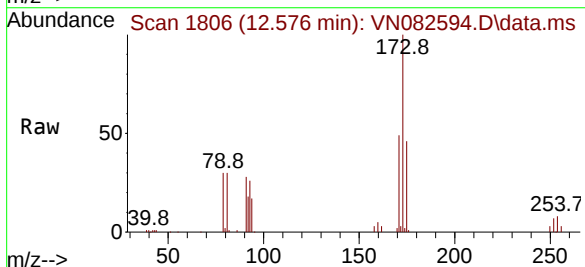
RT: 12.576 min Scan# 1806

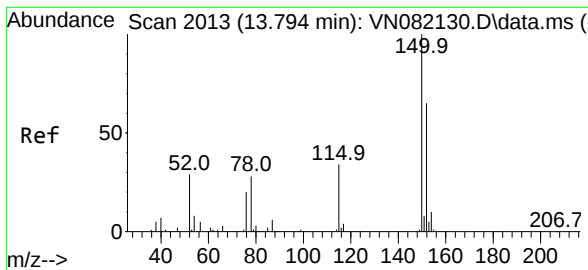
Delta R.T. 0.000 min

Lab File: VN082594.D

Acq: 14 Jun 2024 19:42

Tgt Ion:173	Resp:	89184
Ion Ratio	Lower	Upper
173	100	
175	48.2	24.6 74.0
254	0.1	0.0 0.0#





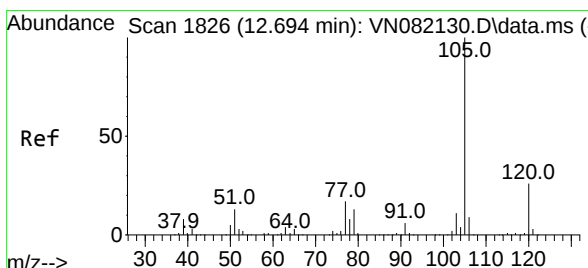
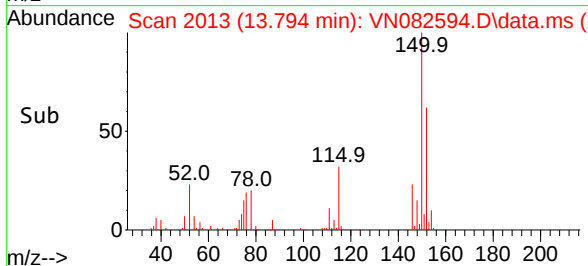
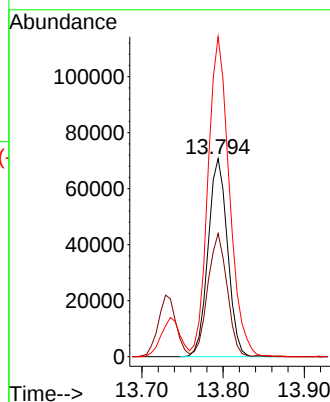
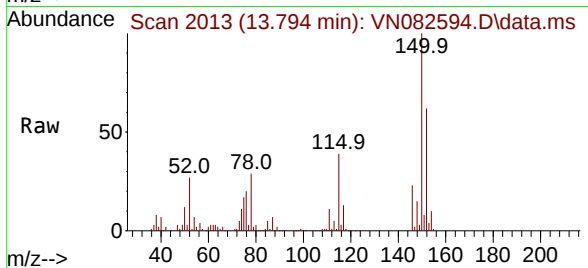
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

Instrument : MSVOA_N
ClientSampleId : BP-VPB-189-GW-338-340MSD

Tgt Ion:152 Resp: 117480
Ion Ratio Lower Upper
152 100
115 62.2 30.4 91.3
150 177.8 0.0 353.2

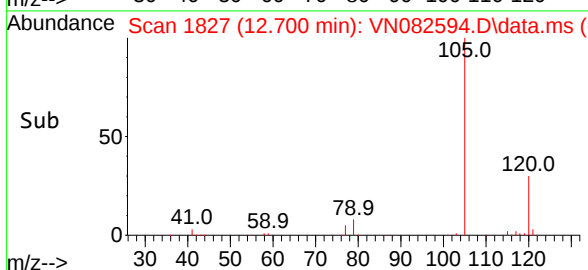
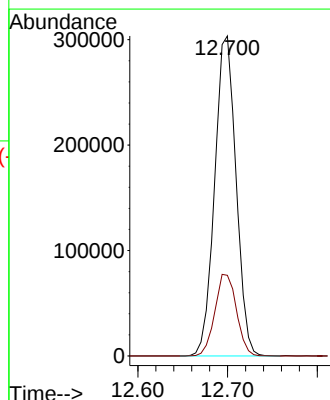
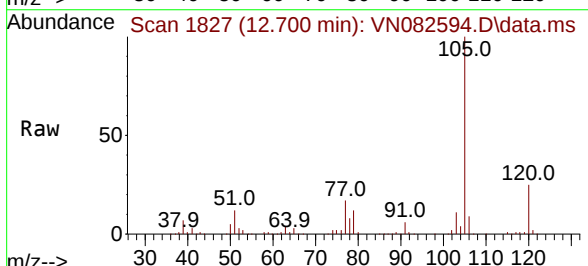
Manual Integrations
APPROVED

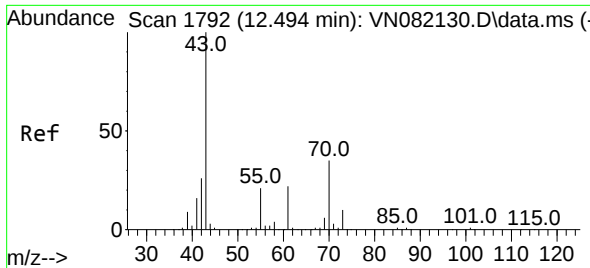
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#73
Isopropylbenzene
Concen: 53.816 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

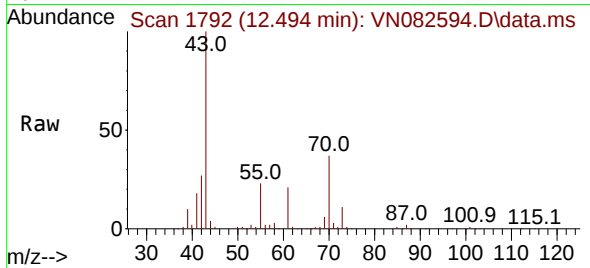
Tgt Ion:105 Resp: 502270
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1





#74
N-amy1 acetate
Concen: 50.595 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

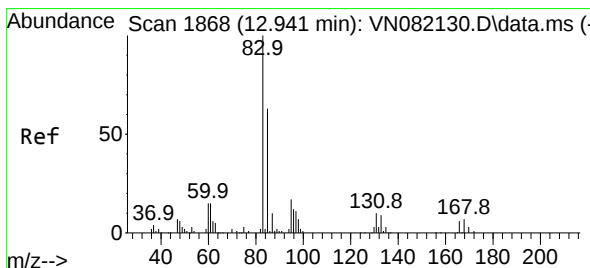
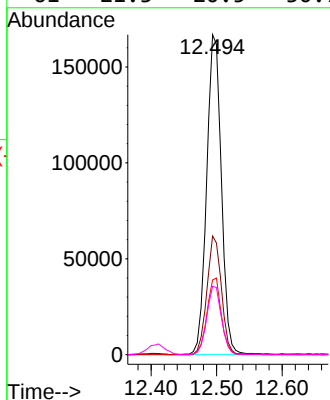
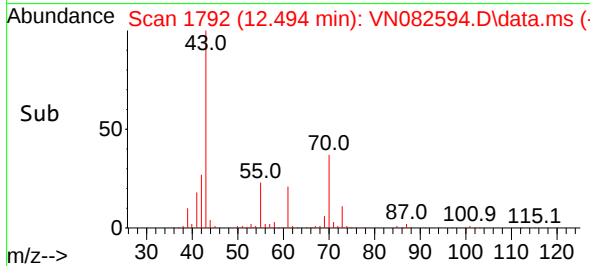
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340MSD



Tgt Ion: 43 Resp: 25974
Ion Ratio Lower Upper
43 100
70 36.7 39.0 58.4
55 23.7 21.3 31.9
61 21.3 20.5 30.7

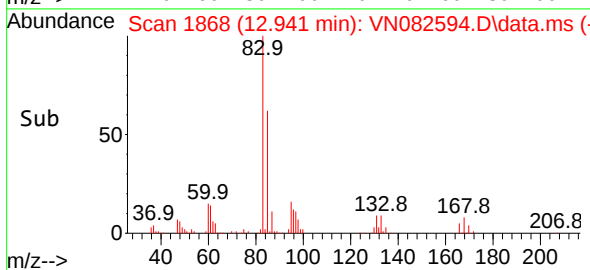
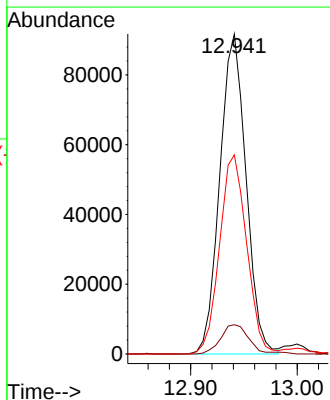
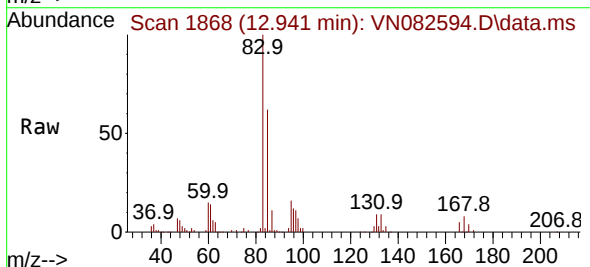
Manual Integrations
APPROVED

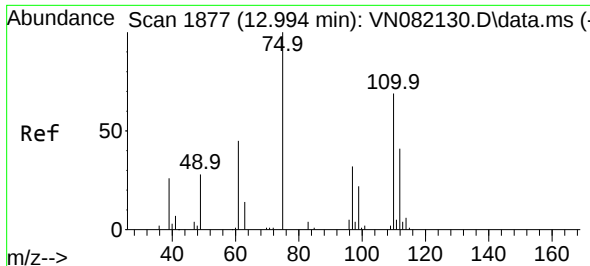
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#75
1,1,2,2-Tetrachloroethane
Concen: 58.390 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

Tgt Ion: 83 Resp: 157092
Ion Ratio Lower Upper
83 100
131 9.9 5.5 16.4
85 64.1 32.9 98.6





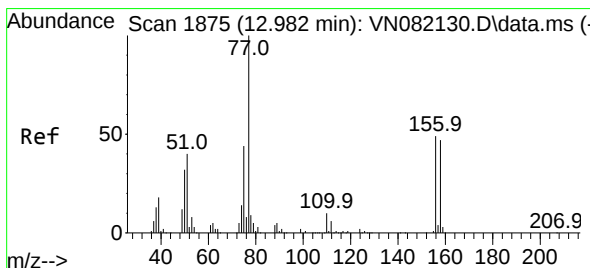
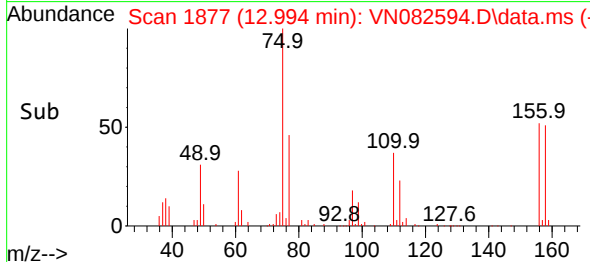
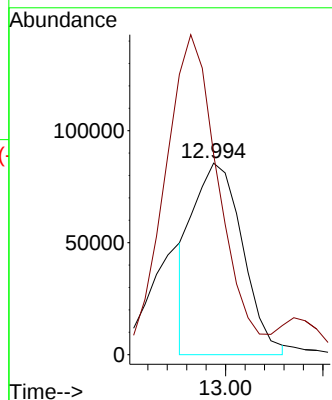
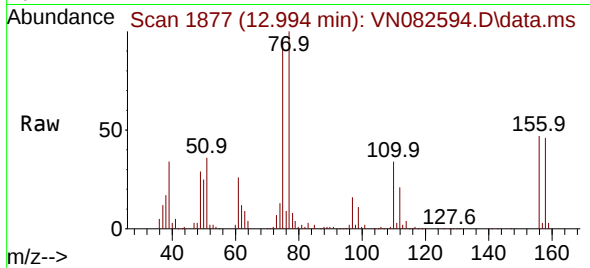
#76
1,2,3-Trichloropropane
Concen: 61.414 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340MSD

Tgt Ion: 75 Resp: 151858
Ion Ratio Lower Upper
75 100
77 183.3 90.5 271.3

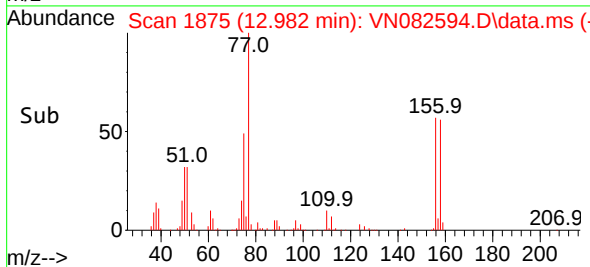
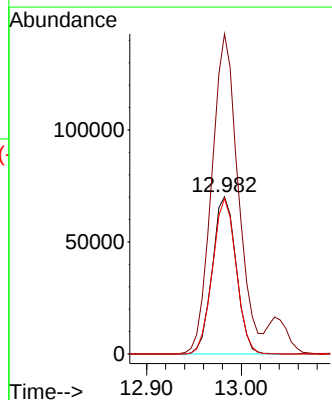
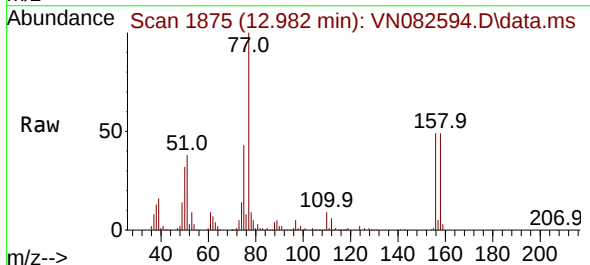
Manual Integrations
APPROVED

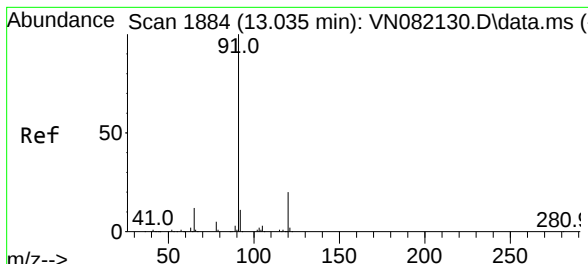
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#77
Bromobenzene
Concen: 55.068 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

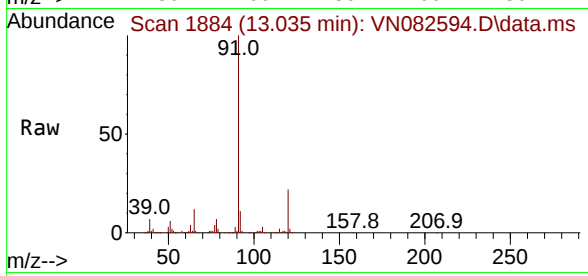
Tgt Ion:156 Resp: 122483
Ion Ratio Lower Upper
156 100
77 227.3 100.2 300.6
158 98.3 49.1 147.3





#78
n-propylbenzene
Concen: 54.500 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

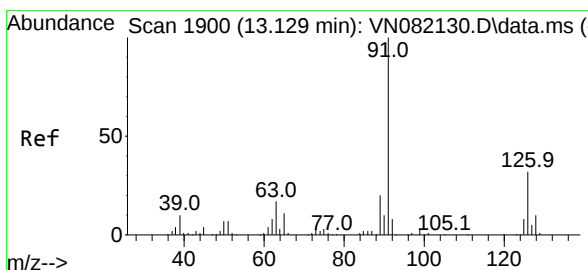
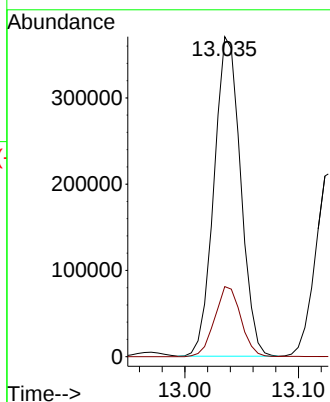
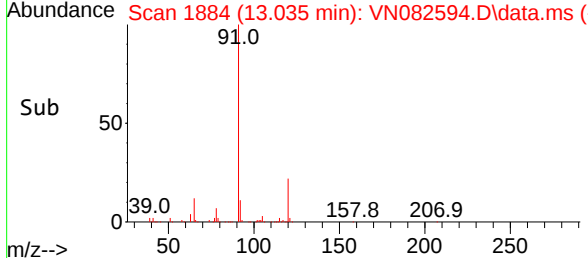
Instrument : MSVOA_N
ClientSampleId : BP-VPB-189-GW-338-340MSD



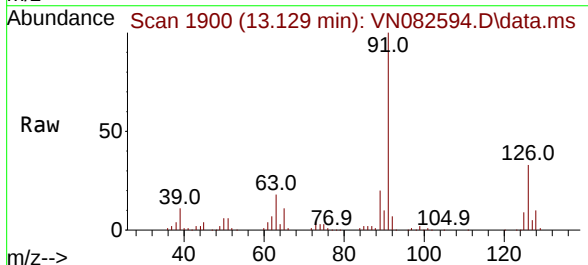
Tgt Ion: 91 Resp: 60233
Ion Ratio Lower Upper
91 100
120 21.6 11.7 35.0

Manual Integrations
APPROVED

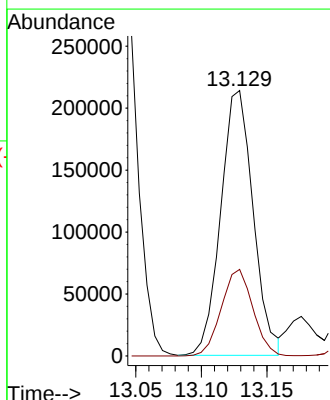
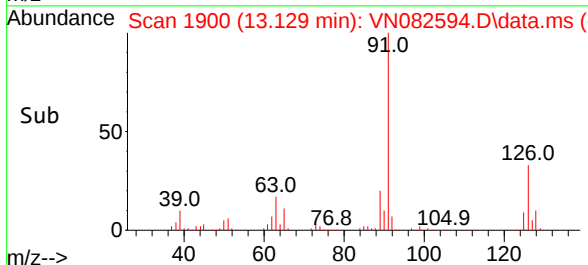
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

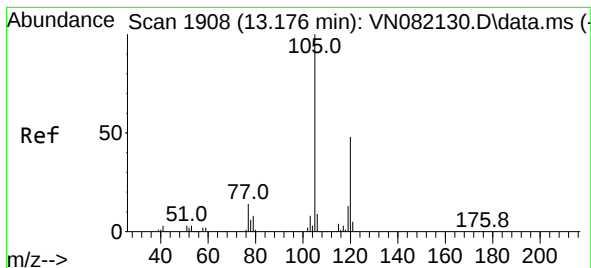


#79
2-Chlorotoluene
Concen: 53.098 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42



Tgt Ion: 91 Resp: 368502
Ion Ratio Lower Upper
91 100
126 31.8 17.5 52.5





#80

1,3,5-Trimethylbenzene

Concen: 55.573 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN082594.D

Acq: 14 Jun 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-338-340MSD

Tgt Ion:105 Resp: 419390

Ion Ratio Lower Upper

105 100

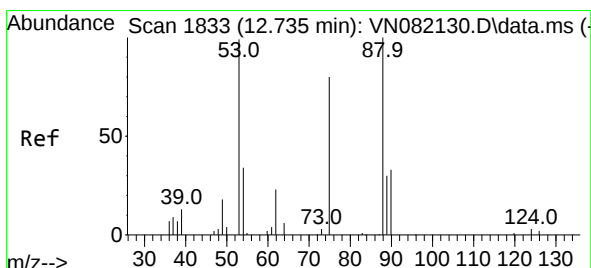
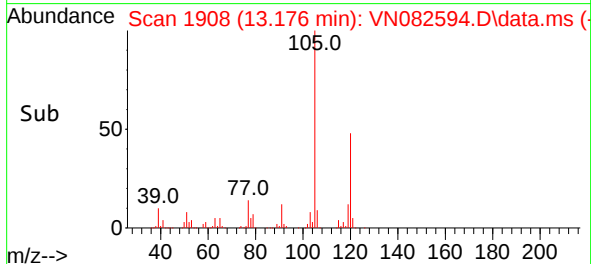
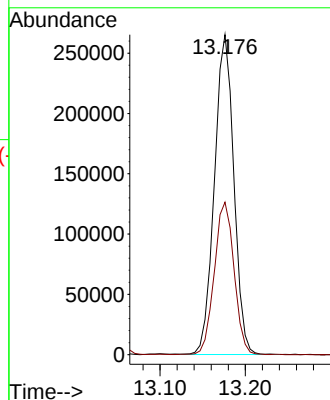
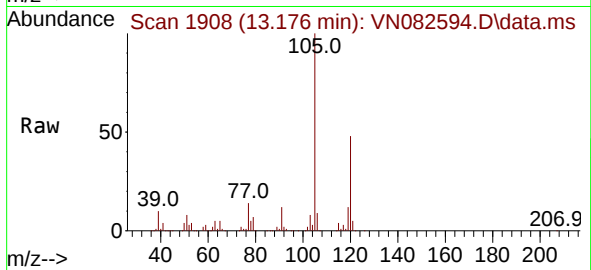
120 48.3 24.8 74.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#81

trans-1,4-Dichloro-2-butene

Concen: 54.691 ug/l

RT: 12.741 min Scan# 1834

Delta R.T. 0.006 min

Lab File: VN082594.D

Acq: 14 Jun 2024 19:42

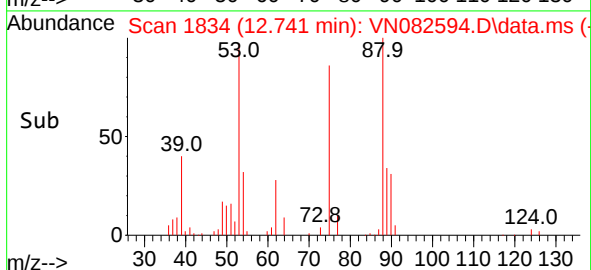
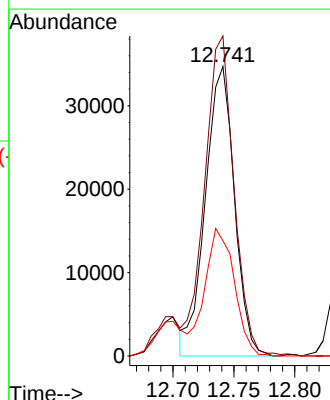
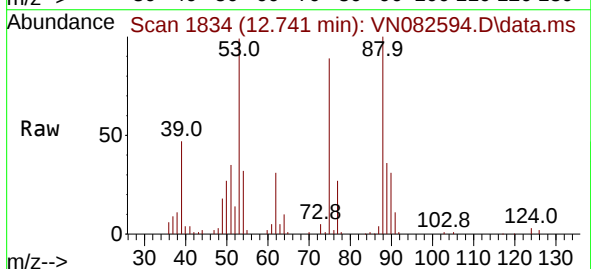
Tgt Ion: 75 Resp: 57818

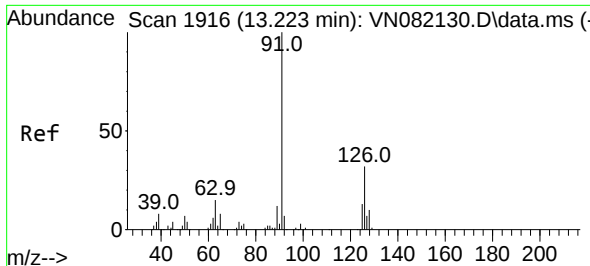
Ion Ratio Lower Upper

75 100

53 111.9 72.9 109.3#

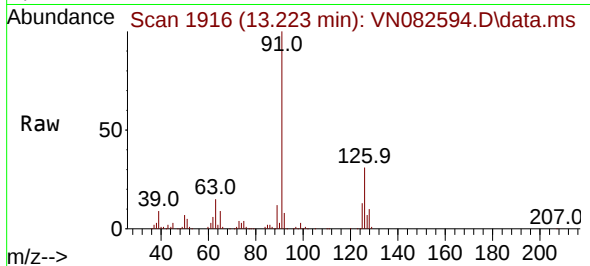
89 44.6 39.1 58.7





#82
4-Chlorotoluene
Concen: 54.528 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

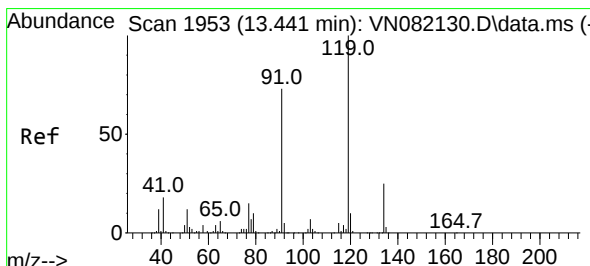
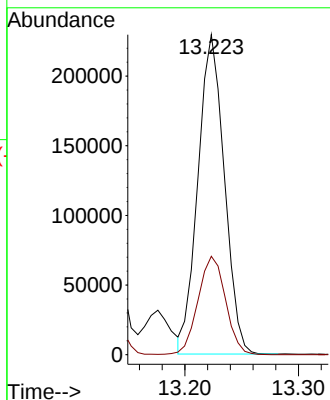
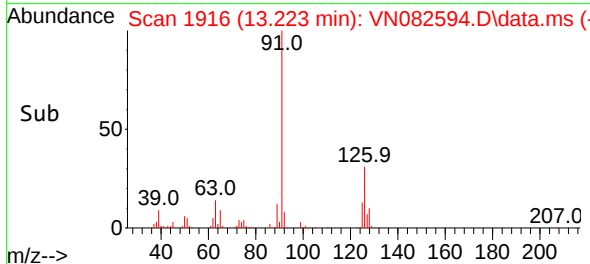
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340MSD



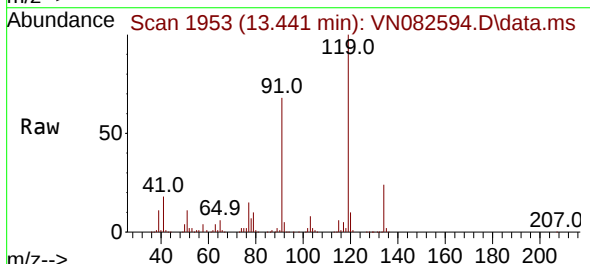
Tgt Ion: 91 Resp: 36999
Ion Ratio Lower Upper
91 100
126 32.1 17.4 52.3

Manual Integrations
APPROVED

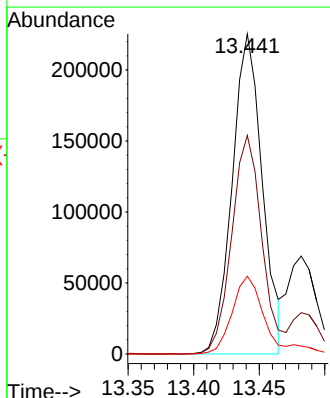
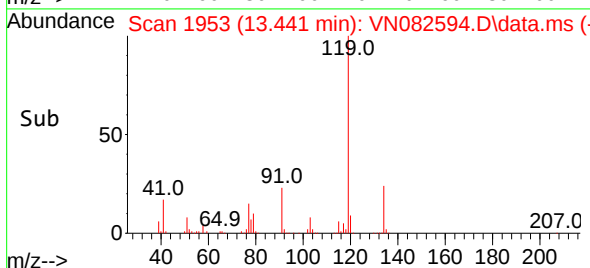
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

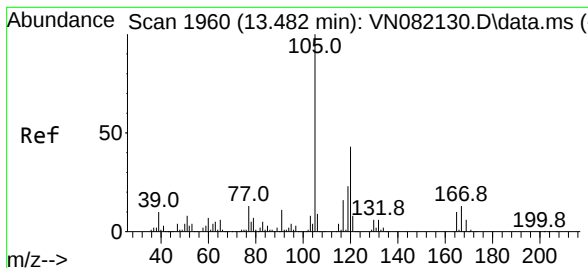


#83
tert-Butylbenzene
Concen: 54.600 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42



Tgt Ion:119 Resp: 360480
Ion Ratio Lower Upper
119 100
91 68.9 32.6 97.8
134 26.6 12.4 37.0





#84

1,2,4-Trimethylbenzene

Concen: 55.449 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN082594.D

Acq: 14 Jun 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-338-340MSD

Tgt Ion:105 Resp: 428110

Ion Ratio Lower Upper

105 100

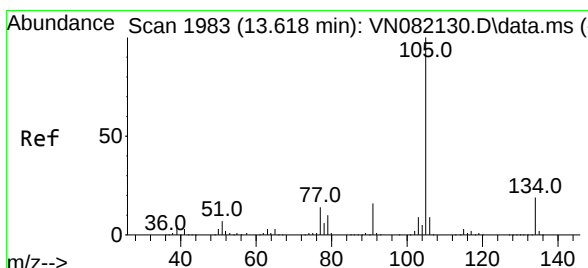
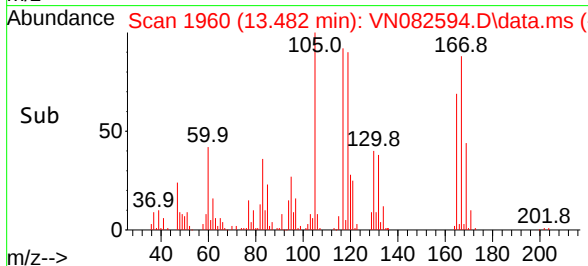
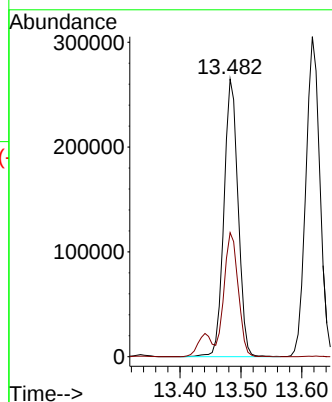
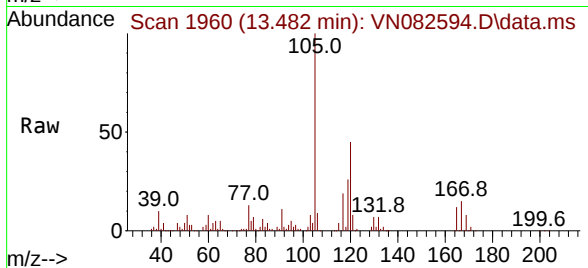
120 44.2 22.9 68.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#85

sec-Butylbenzene

Concen: 53.346 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN082594.D

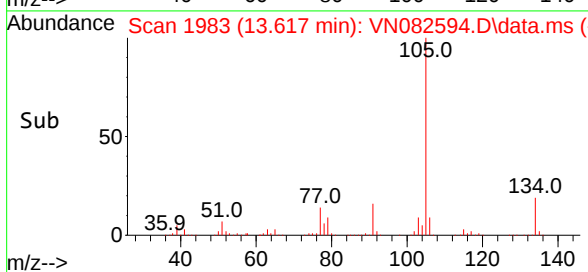
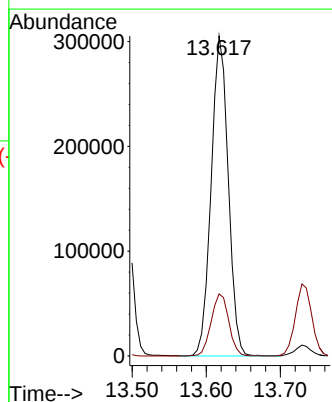
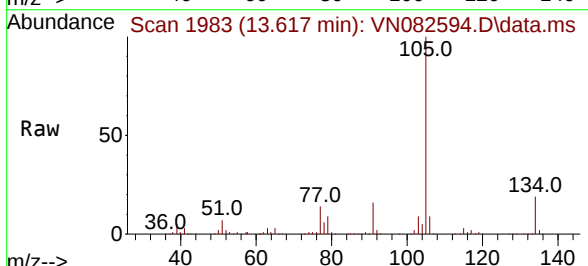
Acq: 14 Jun 2024 19:42

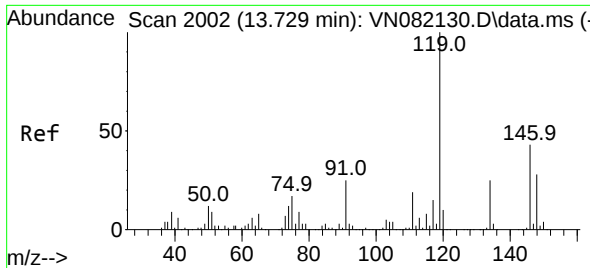
Tgt Ion:105 Resp: 488182

Ion Ratio Lower Upper

105 100

134 20.0 10.2 30.4





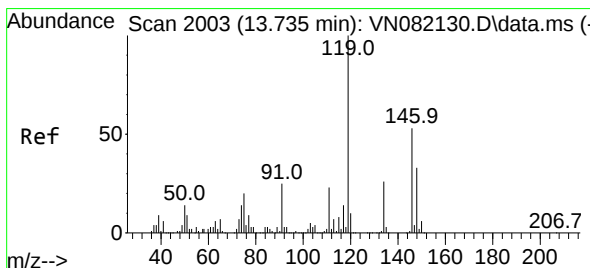
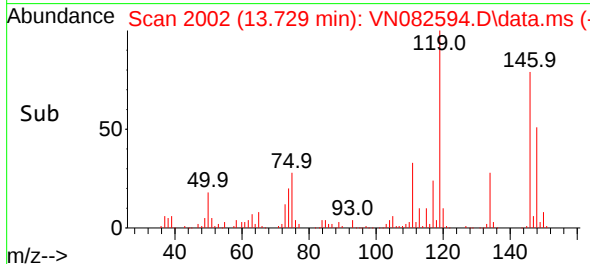
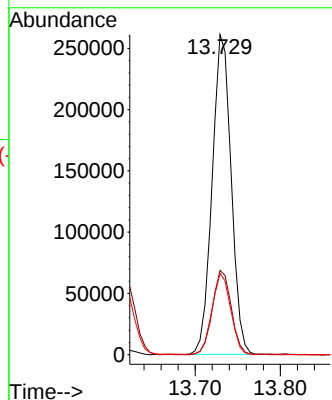
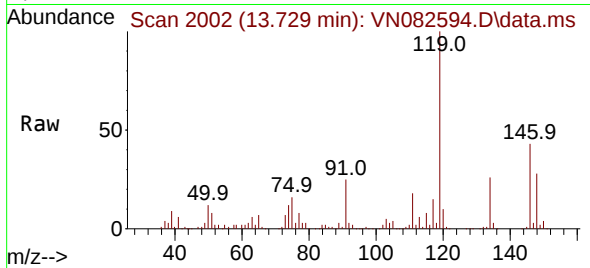
#86
p-Isopropyltoluene
Concen: 54.438 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340MSD

Tgt Ion:119 Resp: 404869
Ion Ratio Lower Upper
119 100
134 26.3 13.2 39.5
91 25.1 11.8 35.3

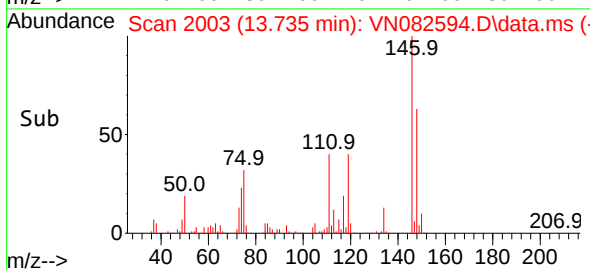
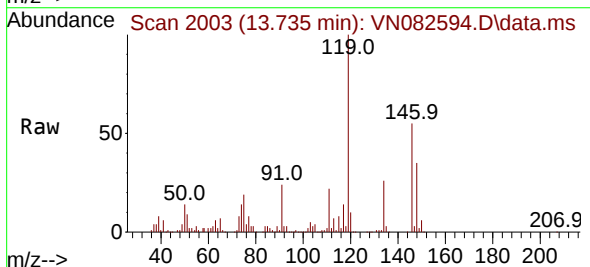
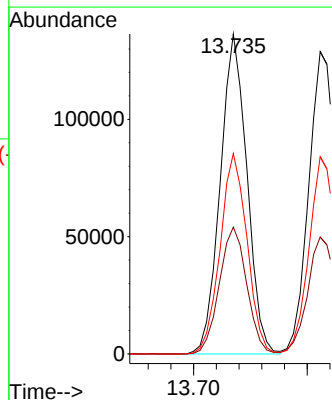
Manual Integrations
APPROVED

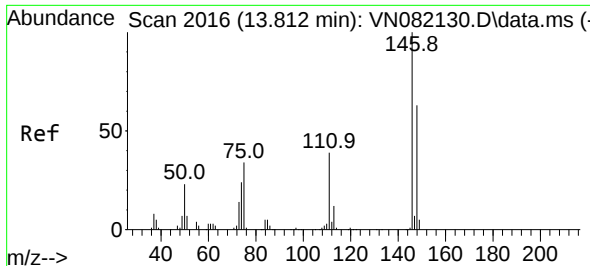
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#87
1,3-Dichlorobenzene
Concen: 55.267 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

Tgt Ion:146 Resp: 222705
Ion Ratio Lower Upper
146 100
111 40.7 20.8 62.5
148 63.1 32.1 96.3





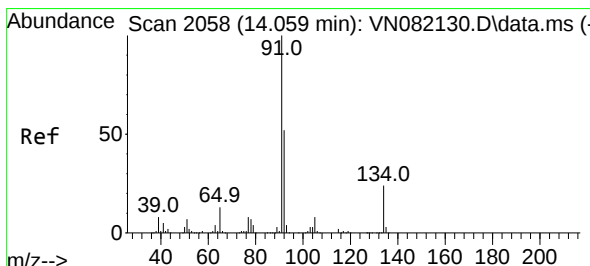
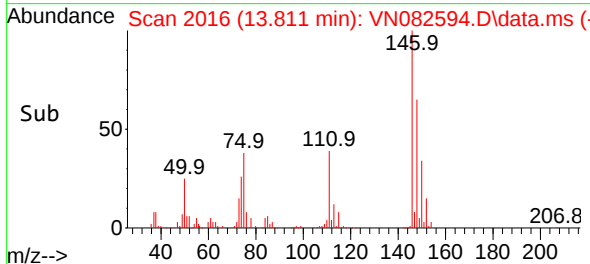
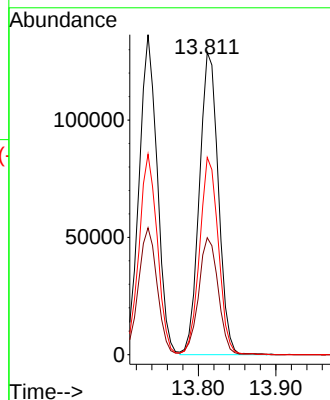
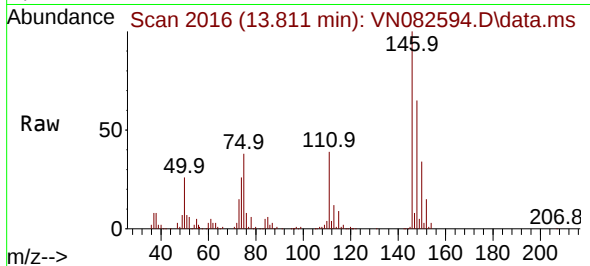
#88
1,4-Dichlorobenzene
Concen: 53.325 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340MSD

Tgt Ion:146 Resp: 219310
Ion Ratio Lower Upper
146 100
111 39.3 19.3 57.9
148 64.4 31.3 93.9

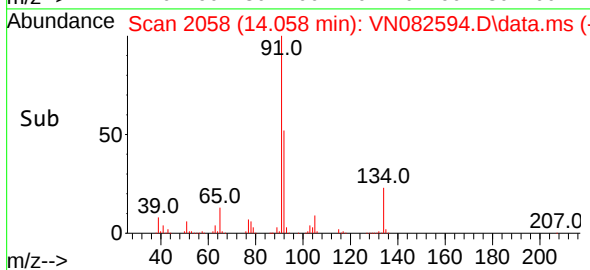
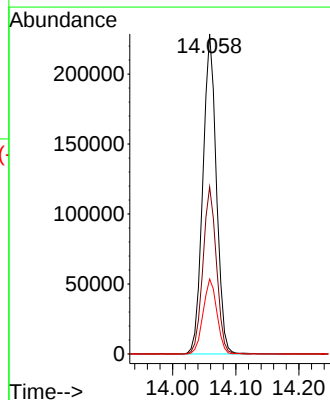
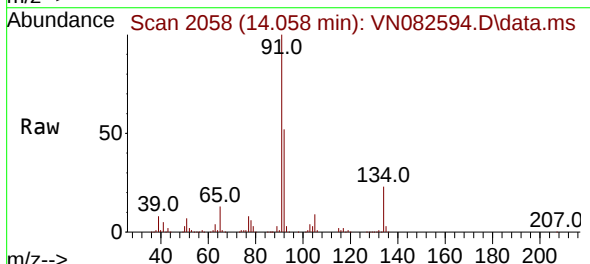
Manual Integrations
APPROVED

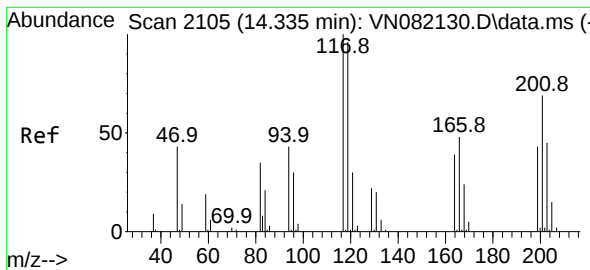
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#89
n-Butylbenzene
Concen: 50.909 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

Tgt Ion: 91 Resp: 340307
Ion Ratio Lower Upper
91 100
92 51.9 26.2 78.5
134 23.8 13.2 39.5





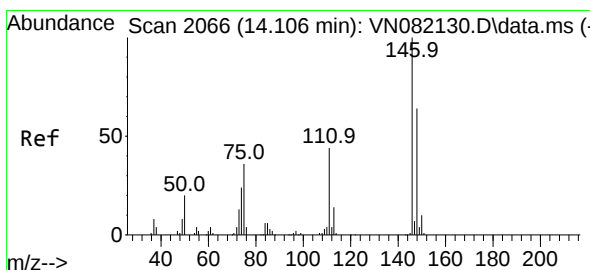
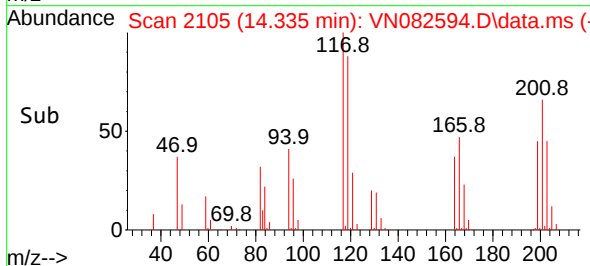
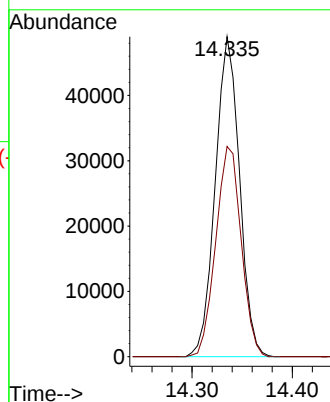
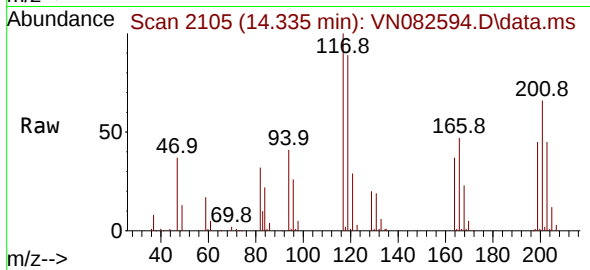
#90
Hexachloroethane
Concen: 59.683 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340MSD

Tgt Ion:117 Resp: 82240
Ion Ratio Lower Upper
117 100
201 68.8 33.3 99.8

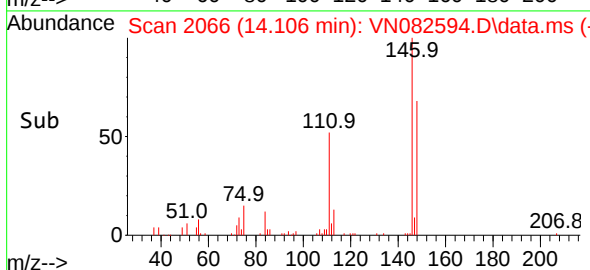
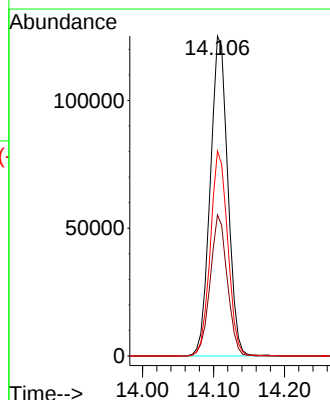
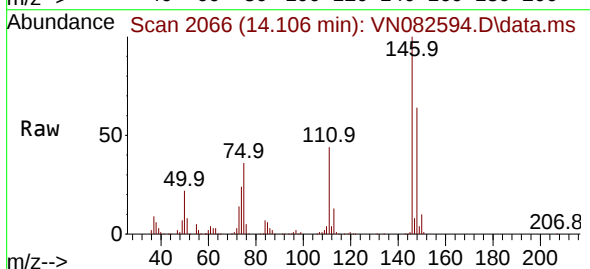
Manual Integrations
APPROVED

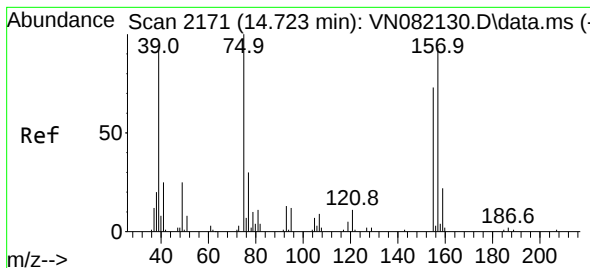
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#91
1,2-Dichlorobenzene
Concen: 56.227 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

Tgt Ion:146 Resp: 214466
Ion Ratio Lower Upper
146 100
111 43.0 21.3 64.0
148 63.5 31.8 95.4





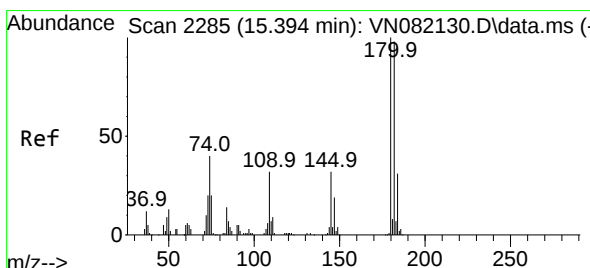
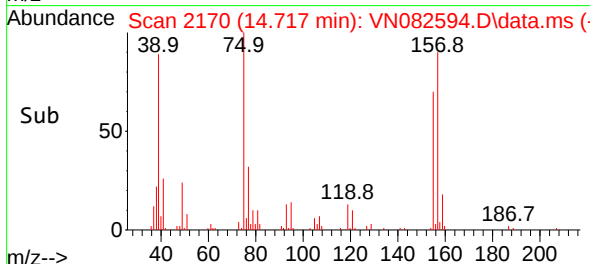
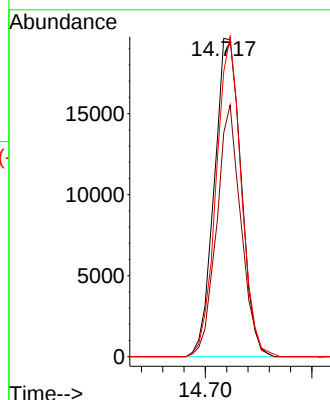
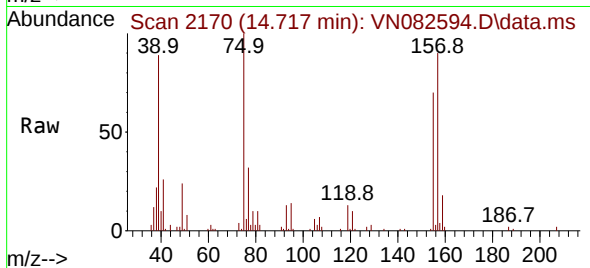
#92
1,2-Dibromo-3-Chloropropane
Concen: 61.952 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340MSD

Tgt Ion: 75 Resp: 3424
Ion Ratio Lower Upper
75 100
155 71.9 42.6 128.0
157 94.3 53.0 159.0

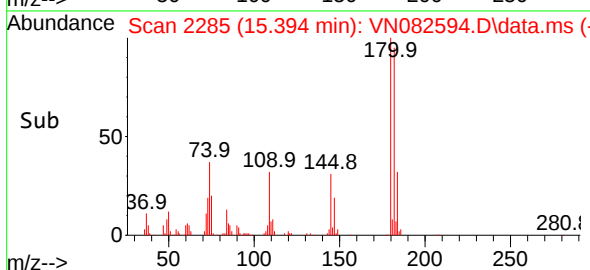
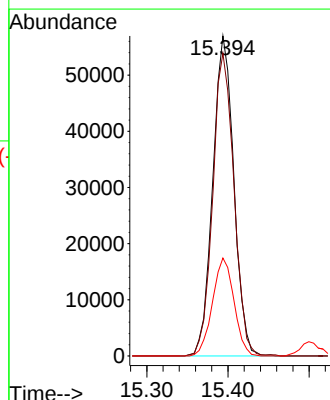
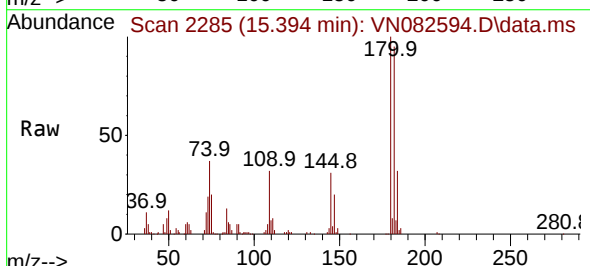
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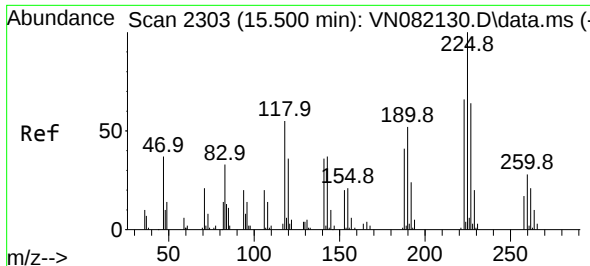
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#93
1,2,4-Trichlorobenzene
Concen: 47.975 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

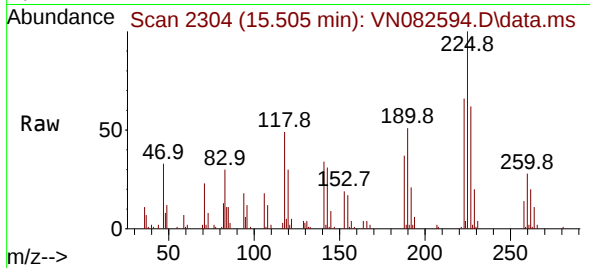
Tgt Ion:180 Resp: 102573
Ion Ratio Lower Upper
180 100
182 95.2 46.7 140.0
145 31.3 16.2 48.6





#94
Hexachlorobutadiene
Concen: 45.975 ug/l
RT: 15.505 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

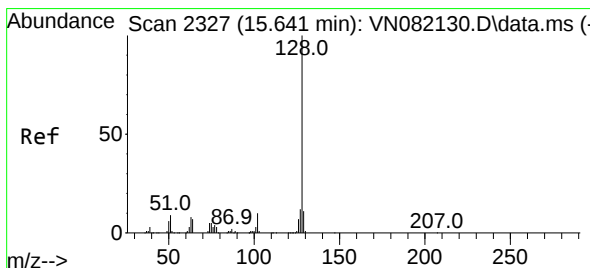
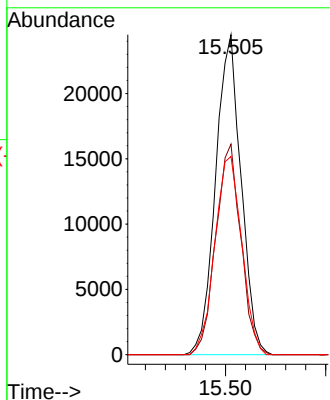
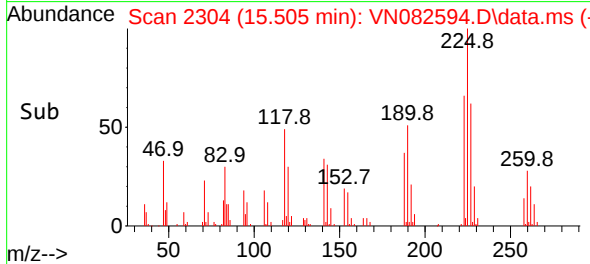
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340MSD



Tgt Ion:225 Resp: 43132
Ion Ratio Lower Upper
225 100
223 64.7 31.1 93.2
227 65.5 30.6 91.6

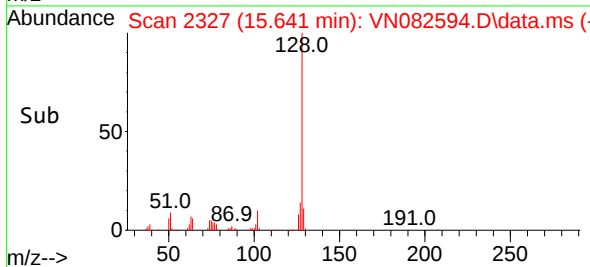
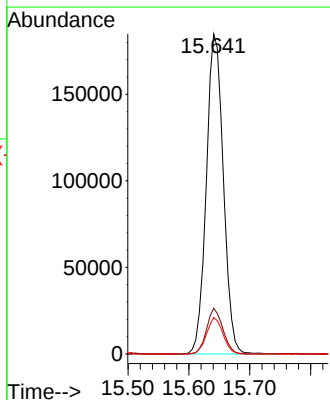
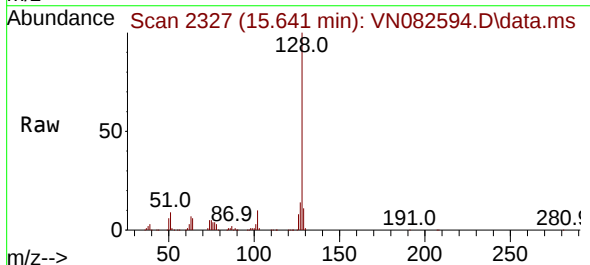
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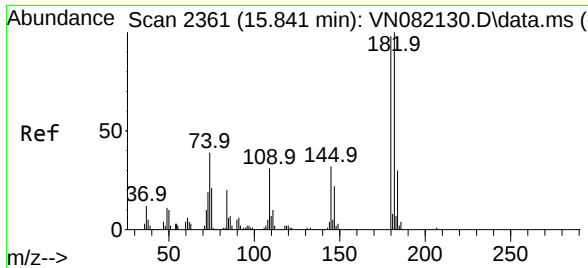
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#95
Naphthalene
Concen: 53.630 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082594.D
Acq: 14 Jun 2024 19:42

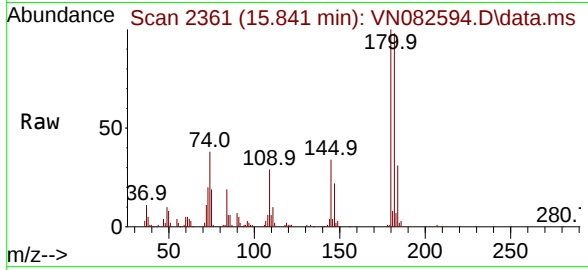
Tgt Ion:128 Resp: 359336
Ion Ratio Lower Upper
128 100
127 13.6 10.1 15.1
129 10.9 8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 50.273 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN082594.D
 Acq: 14 Jun 2024 19:42

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-GW-338-340MSD



Tgt Ion:180	Resp:	107600
Ion Ratio	Lower	Upper
180	100	
182	94.0	46.0 137.8
145	33.1	17.1 51.3

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/17/2024
 Supervised By :Mahesh Dadoda 06/17/2024

