

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092424\
 Data File : VN084146.D
 Acq On : 24 Sep 2024 19:55
 Operator : JC\MD
 Sample : P4116-07MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE122D1-20240916MSD

Quant Time: Sep 25 01:41:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 09/25/2024
 Supervised By :Mahesh Dadoda 09/25/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	144607	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	255637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	229669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	112135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	101720	46.651	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.300%		
35) Dibromofluoromethane	8.165	113	78644	48.055	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.100%		
50) Toluene-d8	10.565	98	273547	48.350	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.700%		
62) 4-Bromofluorobenzene	12.847	95	106448	45.603	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	91.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	69524	41.399	ug/l	98
3) Chloromethane	2.359	50	80066	46.560	ug/l	99
4) Vinyl Chloride	2.518	62	80656	43.817	ug/l	98
5) Bromomethane	2.948	94	50705	47.976	ug/l	99
6) Chloroethane	3.118	64	54039	41.851	ug/l	95
7) Trichlorofluoromethane	3.495	101	139741	44.723	ug/l	95
8) Diethyl Ether	3.959	74	50892	48.589	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	81415	49.159	ug/l	98
10) Methyl Iodide	4.595	142	97626	46.349	ug/l	98
11) Tert butyl alcohol	5.518	59	95532	327.181	ug/l	99
12) 1,1-Dichloroethene	4.342	96	75078	48.002	ug/l	91
13) Acrolein	4.177	56	88401	306.850	ug/l	97
14) Allyl chloride	5.024	41	123101	44.170	ug/l	97
15) Acrylonitrile	5.718	53	231528	291.576	ug/l	99
16) Acetone	4.424	43	195307	223.438	ug/l	99
17) Carbon Disulfide	4.712	76	176433	40.326	ug/l	99
18) Methyl Acetate	5.024	43	107612	59.438	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	287050	50.717	ug/l	98
20) Methylene Chloride	5.271	84	88092	49.249	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	79150	47.220	ug/l	94
22) Diisopropyl ether	6.671	45	306613	53.444	ug/l	98
23) Vinyl Acetate	6.600	43	1013729	241.287	ug/l	97
24) 1,1-Dichloroethane	6.565	63	165620	50.108	ug/l	98
25) 2-Butanone	7.483	43	314849	274.053	ug/l	100
26) 2,2-Dichloropropane	7.488	77	122228	40.155	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	103417	51.973	ug/l	98
28) Bromochloromethane	7.812	49	69449	49.895	ug/l	95
29) Tetrahydrofuran	7.835	42	202830	298.581	ug/l	97
30) Chloroform	7.965	83	177171	50.490	ug/l	94
31) Cyclohexane	8.253	56	128882	40.897	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	155095	48.069	ug/l	98
36) 1,1-Dichloropropene	8.371	75	113065	45.901	ug/l	99
37) Ethyl Acetate	7.559	43	114799	51.344	ug/l	99
38) Carbon Tetrachloride	8.359	117	132518	47.420	ug/l	99
39) Methylcyclohexane	9.600	83	118882	42.401	ug/l	96
40) Benzene	8.606	78	364638	49.182	ug/l	100

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Manual Integrations
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 Supervised By :Mahesh Dadoda 09/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	72410	54.755	ug/l	99
42) 1,2-Dichloroethane	8.671	62	134808	48.660	ug/l	99
43) Isopropyl Acetate	8.688	43	209168	51.624	ug/l	98
44) Trichloroethene	9.353	130	566031	329.681	ug/l	92
45) 1,2-Dichloropropane	9.618	63	92465	51.600	ug/l	97
46) Dibromomethane	9.706	93	63282	50.418	ug/l	99
47) Bromodichloromethane	9.888	83	142715	52.539	ug/l	99
48) Methyl methacrylate	9.682	41	105941	55.111	ug/l	97
49) 1,4-Dioxane	9.694	88	38466	1216.385	ug/l #	99
51) 4-Methyl-2-Pentanone	10.441	43	659258	298.905	ug/l	97
52) Toluene	10.629	92	226546	49.955	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	139908	50.814	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	142163	49.154	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	88087	52.029	ug/l	99
56) Ethyl methacrylate	10.871	69	144764	55.576	ug/l	97
57) 1,3-Dichloropropane	11.165	76	153664	52.809	ug/l	100
59) 2-Hexanone	11.194	43	479978	294.191	ug/l	99
60) Dibromochloromethane	11.359	129	103198	54.465	ug/l	100
61) 1,2-Dibromoethane	11.471	107	86824	51.421	ug/l	100
64) Tetrachloroethene	11.100	164	70250	45.995	ug/l	95
65) Chlorobenzene	11.888	112	242863	47.578	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	89301	50.464	ug/l	98
67) Ethyl Benzene	11.965	91	439748	48.496	ug/l	98
68) m/p-Xylenes	12.071	106	328692	97.635	ug/l	100
69) o-Xylene	12.394	106	159127	48.826	ug/l	100
70) Styrene	12.412	104	278905	52.145	ug/l	99
71) Bromoform	12.576	173	66641	55.885	ug/l #	98
73) Isopropylbenzene	12.694	105	413686	47.685	ug/l	99
74) N-amyl acetate	12.494	43	181485	49.031	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	127627	50.069	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	106490m	47.064	ug/l	
77) Bromobenzene	12.976	156	96541	46.230	ug/l	100
78) n-propylbenzene	13.035	91	493540	48.894	ug/l	99
79) 2-Chlorotoluene	13.123	91	303705	47.178	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	346231	47.336	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	42143	48.781	ug/l	98
82) 4-Chlorotoluene	13.217	91	308744	47.793	ug/l	99
83) tert-Butylbenzene	13.435	119	303056	47.358	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	357554	48.665	ug/l	99
85) sec-Butylbenzene	13.617	105	413674	48.744	ug/l	99
86) p-Isopropyltoluene	13.729	119	341184	47.958	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	183728	46.618	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	184874	46.327	ug/l	98
89) n-Butylbenzene	14.053	91	295565	46.273	ug/l	99
90) Hexachloroethane	14.335	117	67580	47.256	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	179257	47.129	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	26063	51.292	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	86115	42.191	ug/l	97
94) Hexachlorobutadiene	15.500	225	36357	41.944	ug/l	98
95) Naphthalene	15.641	128	293726	47.302	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	85588	43.877	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

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

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

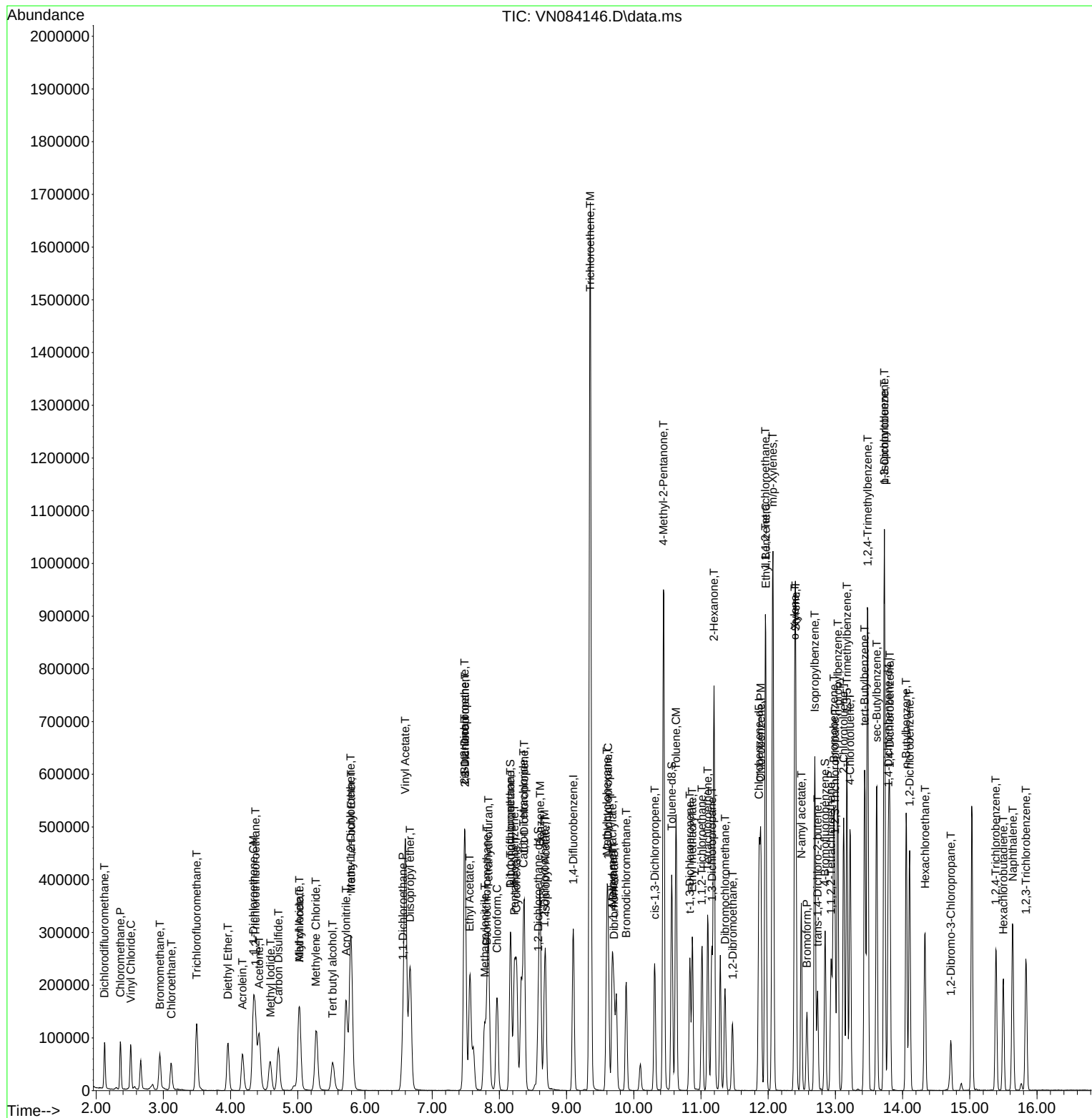
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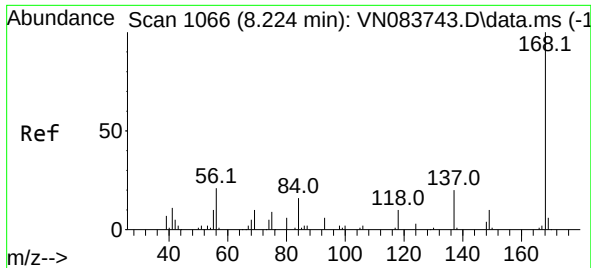
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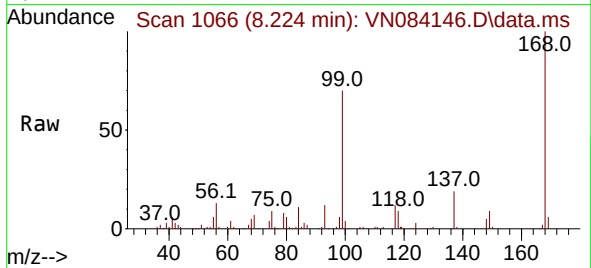
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084146.D
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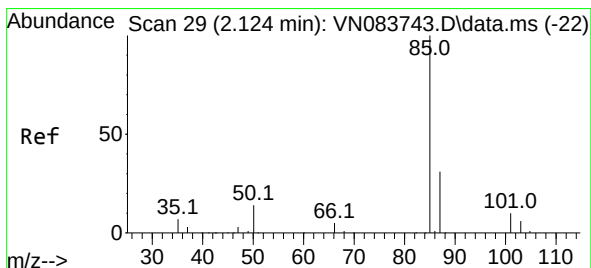
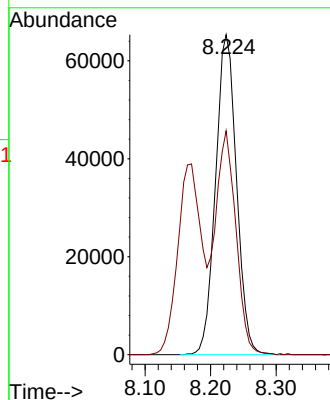
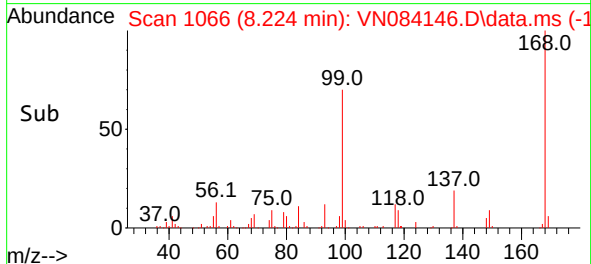
Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20240916MSD



Tgt Ion:168 Resp: 14460
Ion Ratio Lower Upper
168 100
99 69.6 54.2 81.2

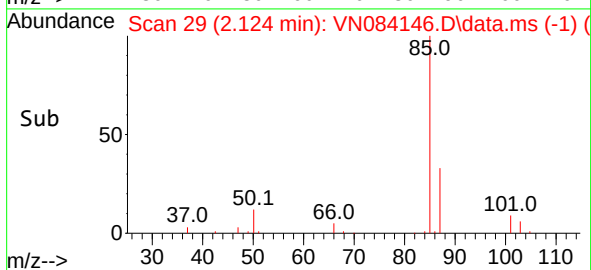
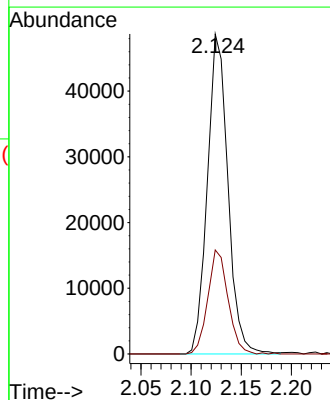
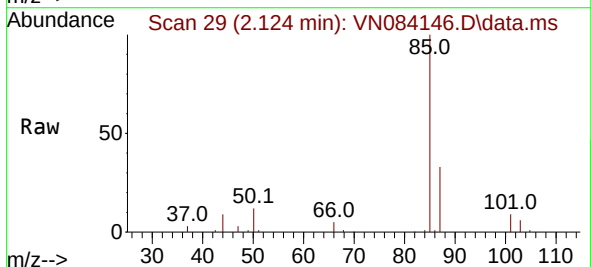
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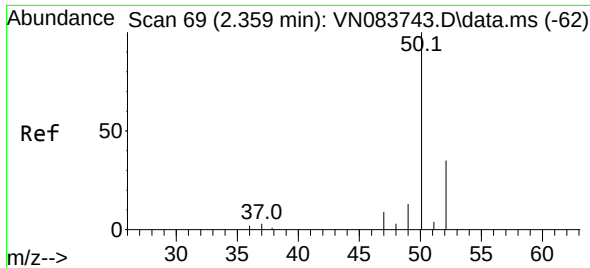
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#2
Dichlorodifluoromethane
Concen: 41.399 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

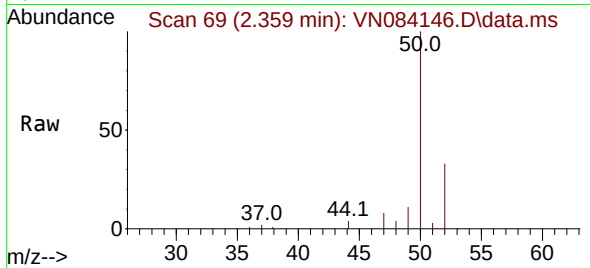
Tgt Ion: 85 Resp: 69524
Ion Ratio Lower Upper
85 100
87 32.5 15.7 47.0





#3
Chloromethane
Concen: 46.560 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

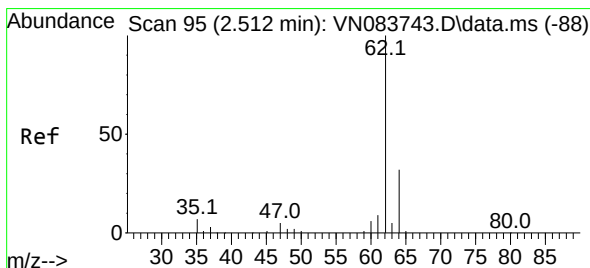
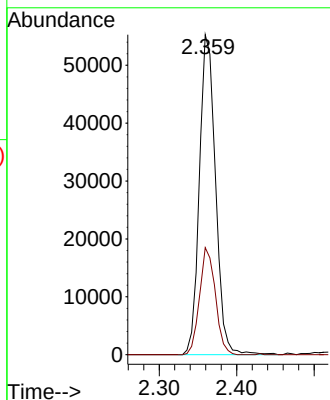
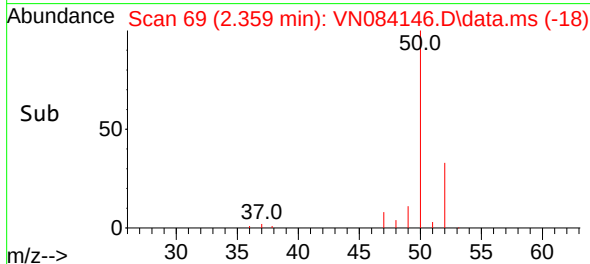
Instrument :
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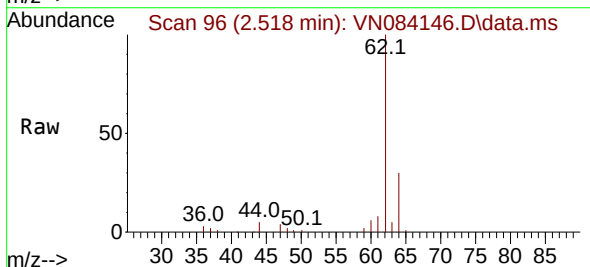
Tgt Ion: 50 Resp: 80060
Ion Ratio Lower Upper
50 100
52 33.5 27.2 40.8

Manual Integrations
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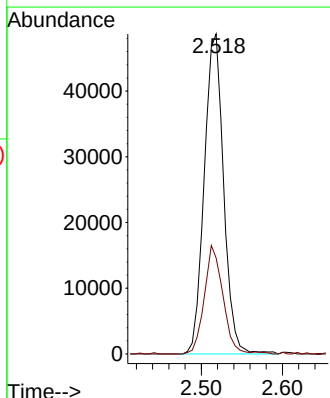
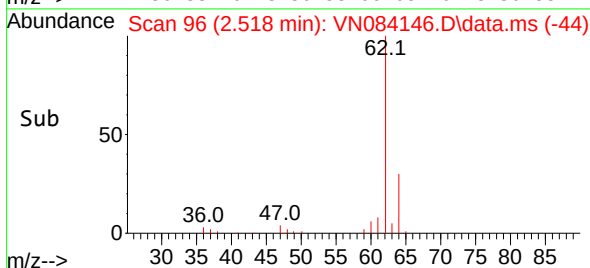
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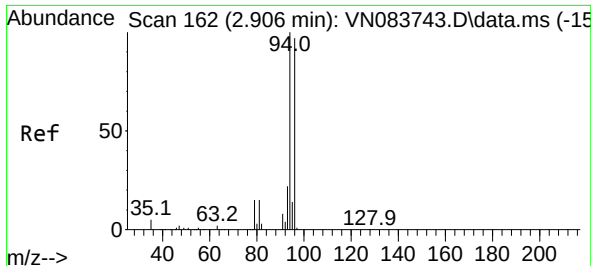


#4
Vinyl Chloride
Concen: 43.817 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55



Tgt Ion: 62 Resp: 80656
Ion Ratio Lower Upper
62 100
64 30.0 24.7 37.1





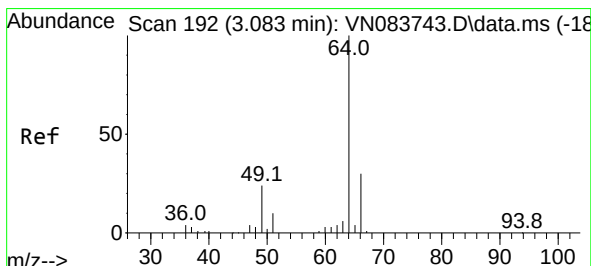
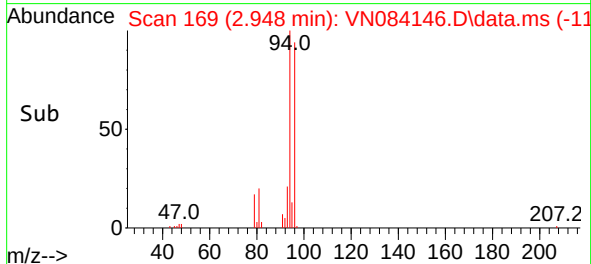
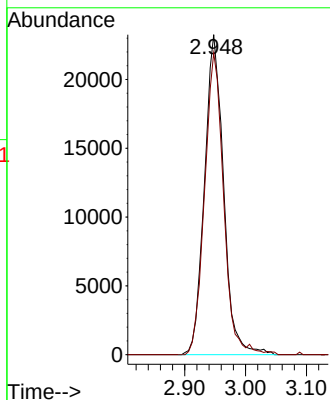
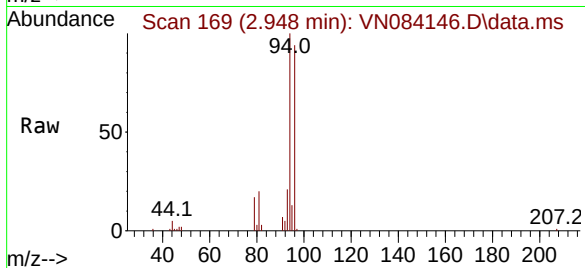
#5
Bromomethane
Concen: 47.976 ug/l
RT: 2.948 min Scan# 10
Delta R.T. 0.041 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 5070
Ion Ratio Lower Upper
94 100
96 94.3 76.0 114.0

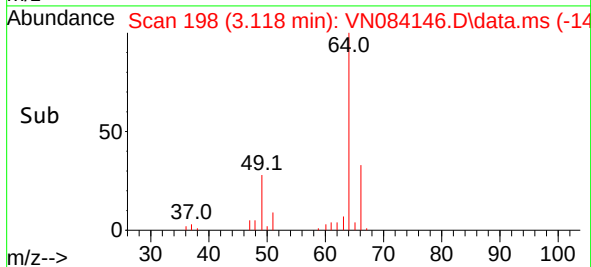
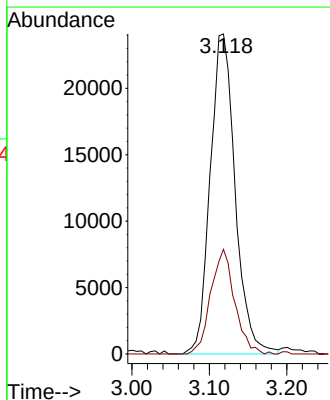
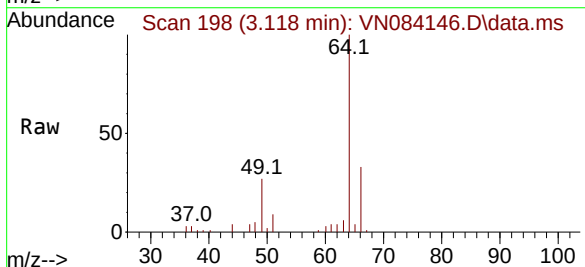
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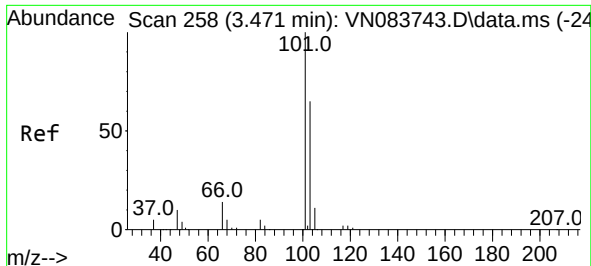
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#6
Chloroethane
Concen: 41.851 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.035 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

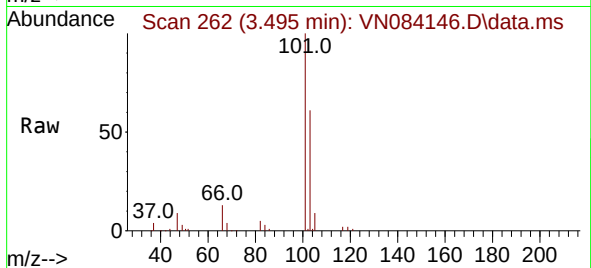
Tgt Ion: 64 Resp: 54039
Ion Ratio Lower Upper
64 100
66 32.7 23.9 35.9





#7
Trichlorofluoromethane
Concen: 44.723 ug/l
RT: 3.495 min Scan# 20
Delta R.T. 0.024 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

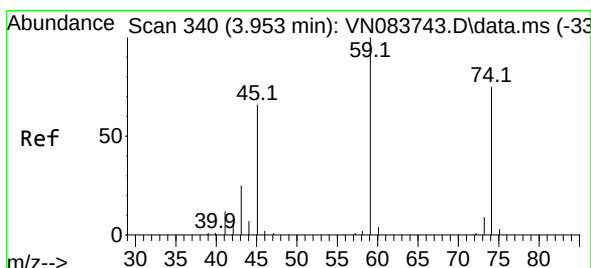
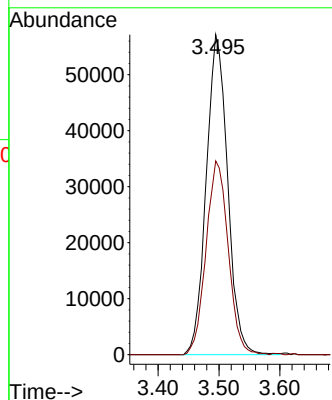
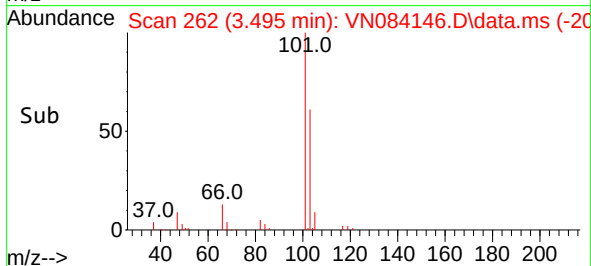
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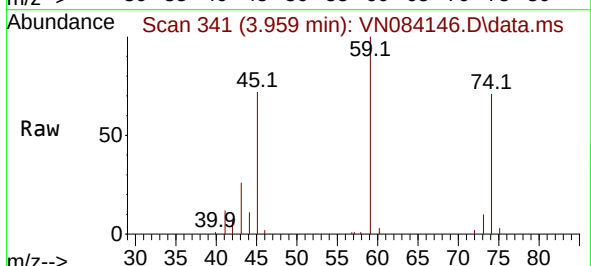
Tgt Ion:101 Resp: 13974
Ion Ratio Lower Upper
101 100
103 60.5 51.4 77.0

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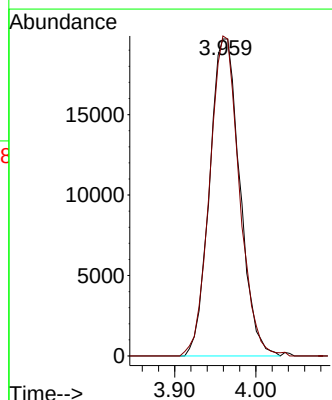
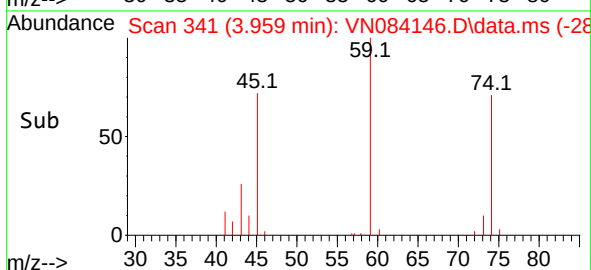
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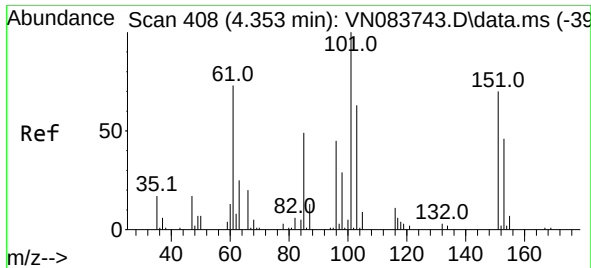


#8
Diethyl Ether
Concen: 48.589 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55



Tgt Ion: 74 Resp: 50892
Ion Ratio Lower Upper
74 100
45 99.2 46.7 140.1





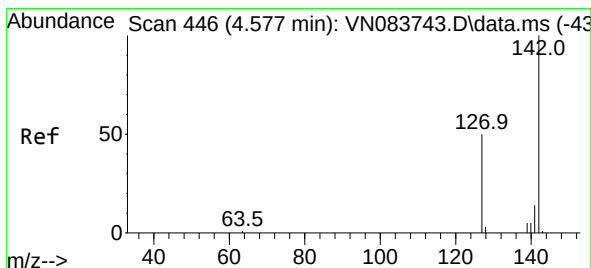
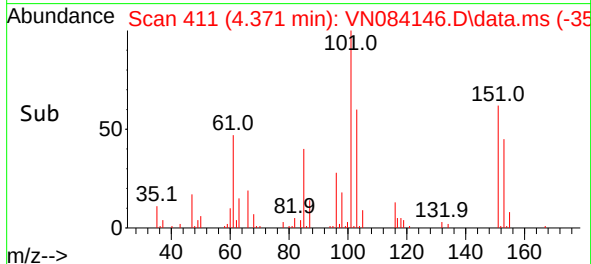
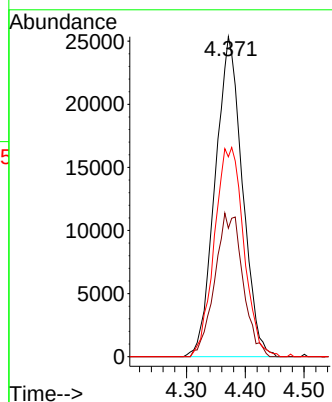
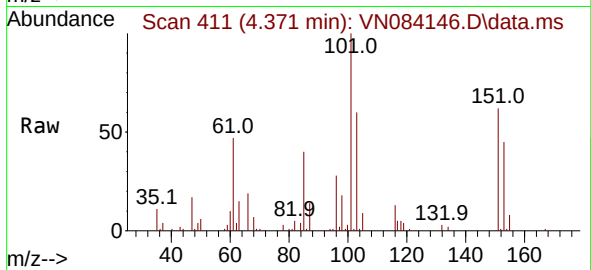
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.159 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20240916MSD

Tgt Ion:101 Resp: 8141
Ion Ratio Lower Upper
101 100
85 46.4 36.2 54.4
151 70.6 57.7 86.5

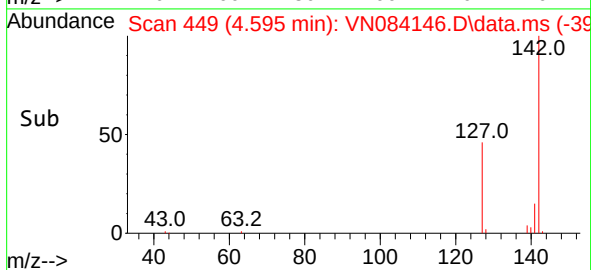
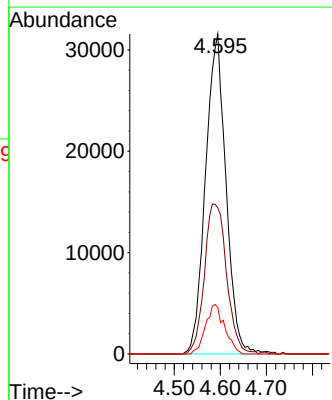
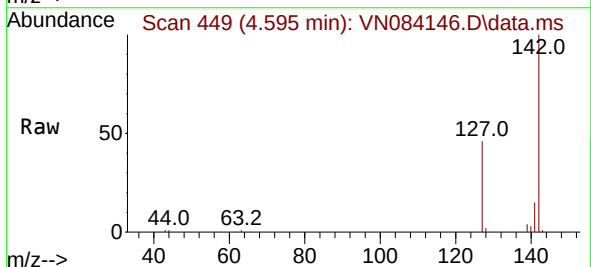
Manual Integrations
APPROVED

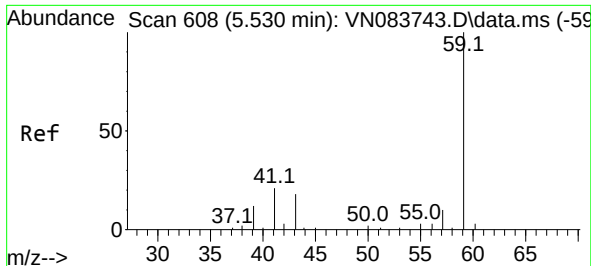
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#10
Methyl Iodide
Concen: 46.349 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.018 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

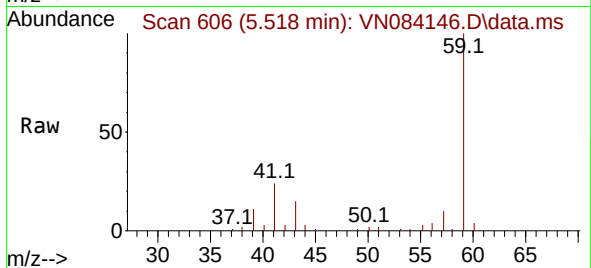
Tgt Ion:142 Resp: 97626
Ion Ratio Lower Upper
142 100
127 45.7 37.5 56.3
141 14.5 11.0 16.4





#11
Tert butyl alcohol
Concen: 327.181 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

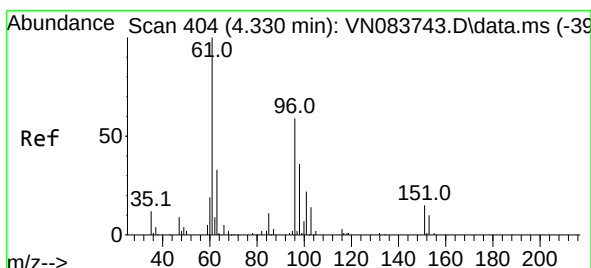
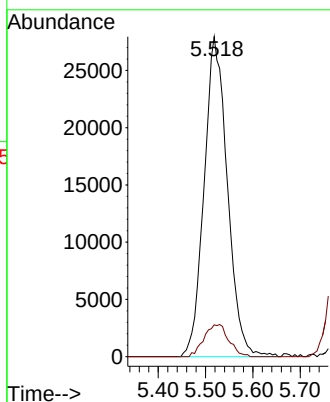
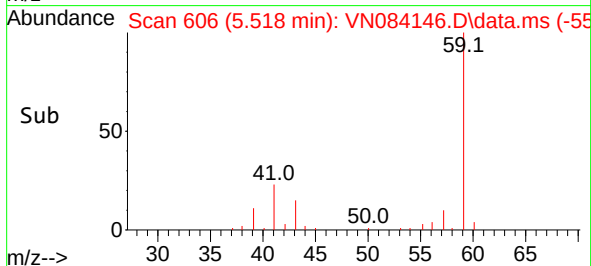
Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20240916MSD



Tgt Ion: 59 Resp: 95532
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1

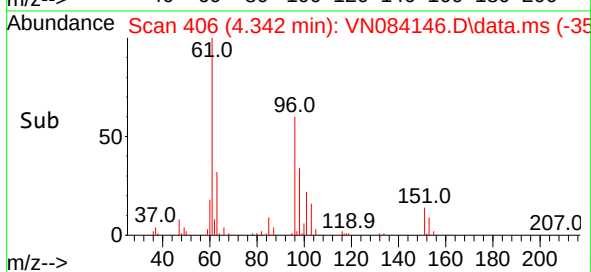
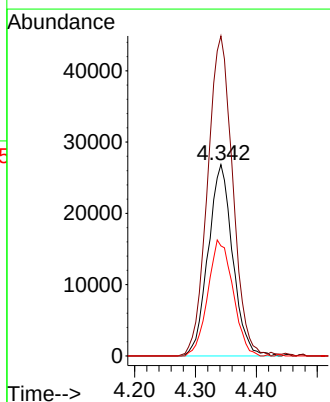
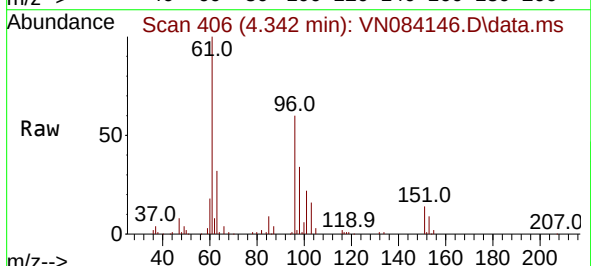
Manual Integrations
APPROVED

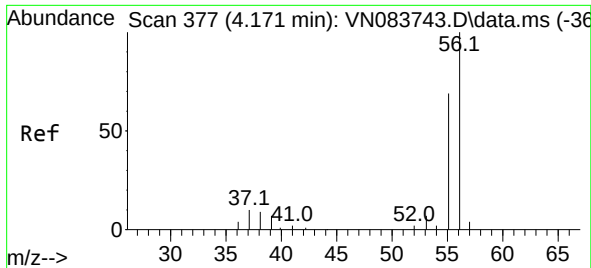
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#12
1,1-Dichloroethene
Concen: 48.002 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

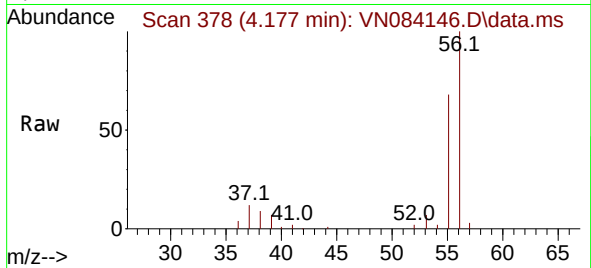
Tgt Ion: 96 Resp: 75078
Ion Ratio Lower Upper
96 100
61 167.2 143.4 215.0
98 57.5 52.7 79.1





#13
Acrolein
Concen: 306.850 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

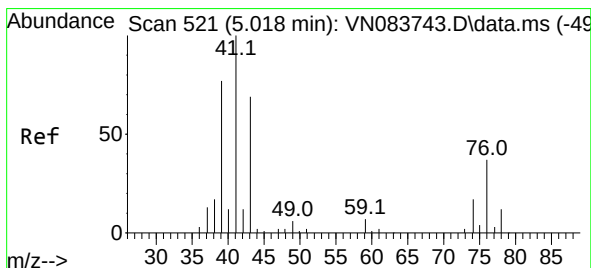
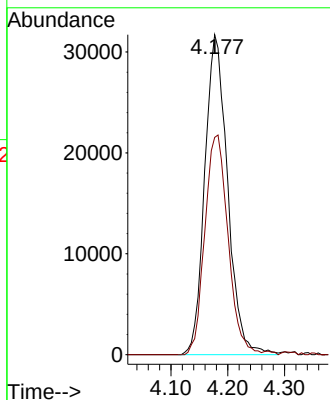
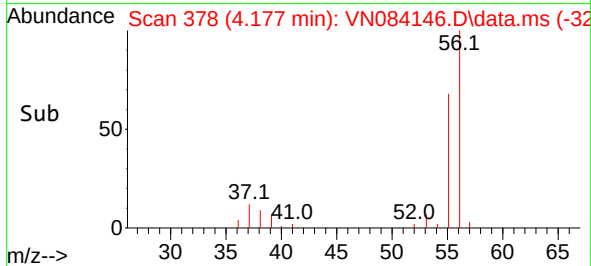
Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20240916MSD



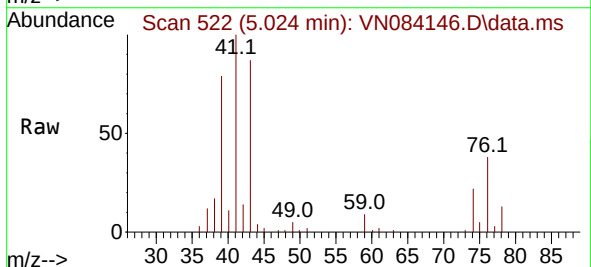
Tgt Ion: 56 Resp: 8840
Ion Ratio Lower Upper
56 100
55 69.9 58.2 87.2

Manual Integrations
APPROVED

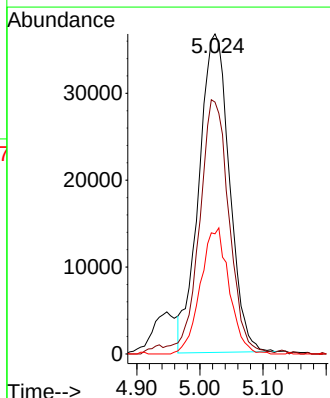
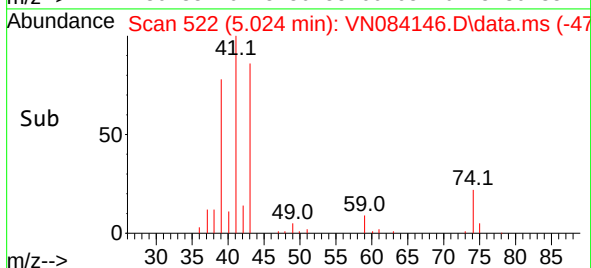
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024

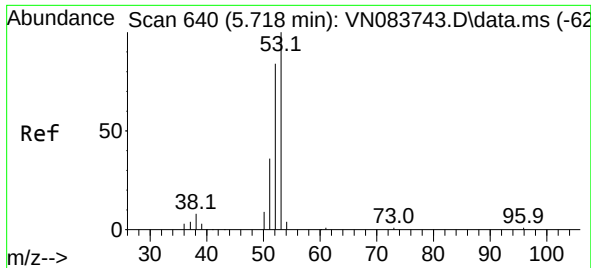


#14
Allyl chloride
Concen: 44.170 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55



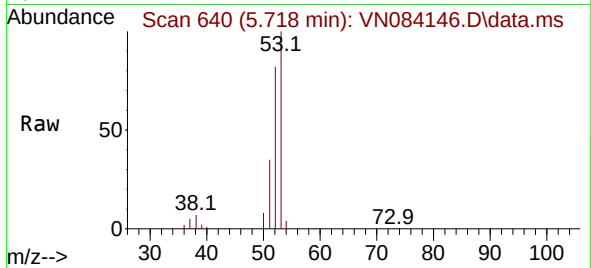
Tgt Ion: 41 Resp: 123101
Ion Ratio Lower Upper
41 100
39 76.2 59.3 88.9
76 37.2 27.7 41.5





#15
Acrylonitrile
Concen: 291.576 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

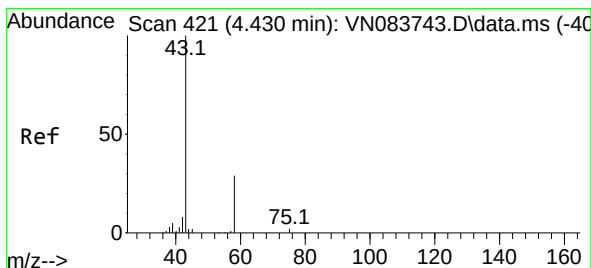
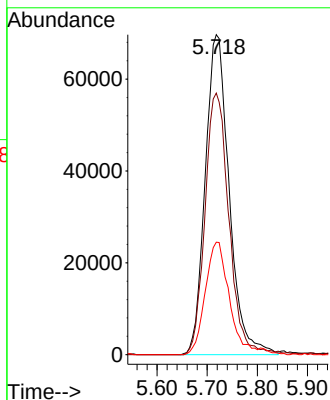
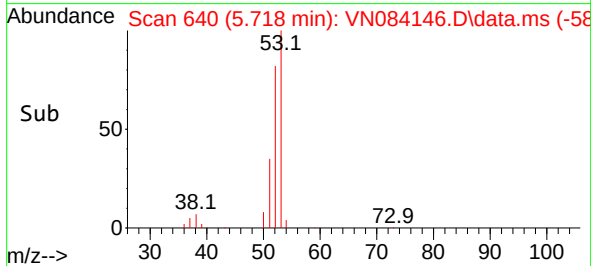
Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20240916MSD



Tgt Ion: 53 Resp: 231528
Ion Ratio Lower Upper
53 100
52 82.0 66.1 99.1
51 35.0 29.6 44.4

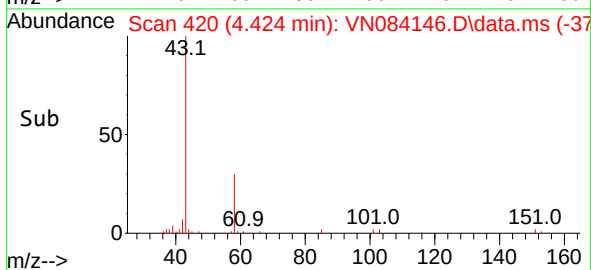
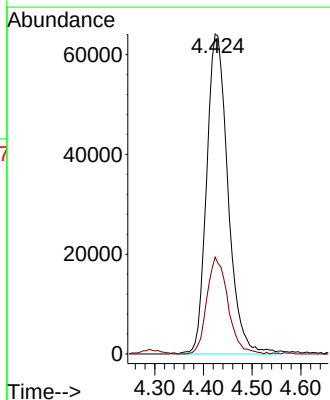
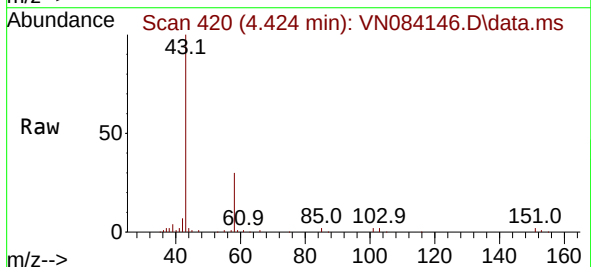
Manual Integrations
APPROVED

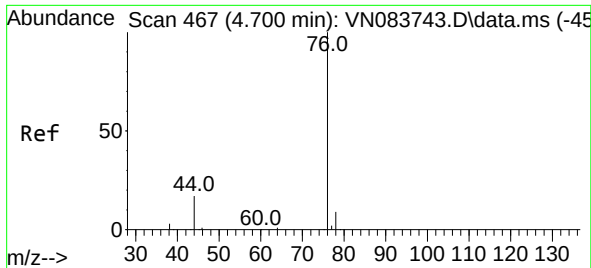
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#16
Acetone
Concen: 223.438 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

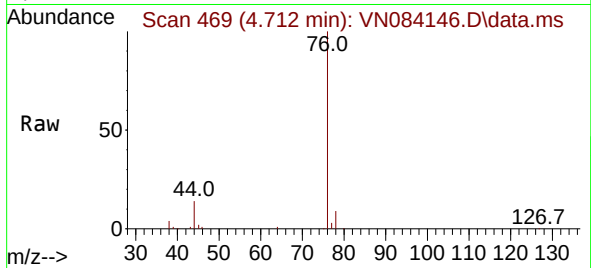
Tgt Ion: 43 Resp: 195307
Ion Ratio Lower Upper
43 100
58 30.3 23.7 35.5





#17
Carbon Disulfide
Concen: 40.326 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.012 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

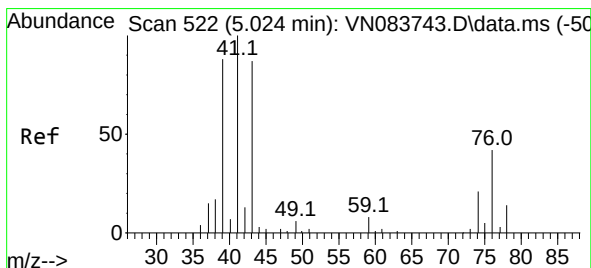
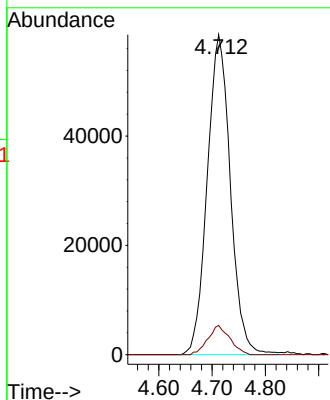
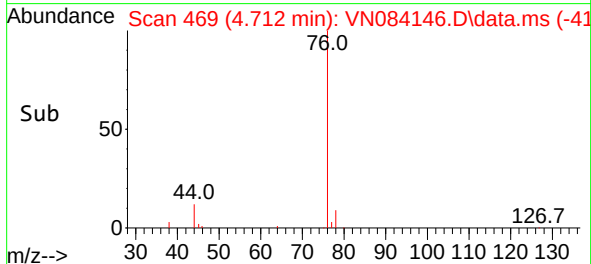
Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20240916MSD



Tgt Ion: 76 Resp: 17643
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

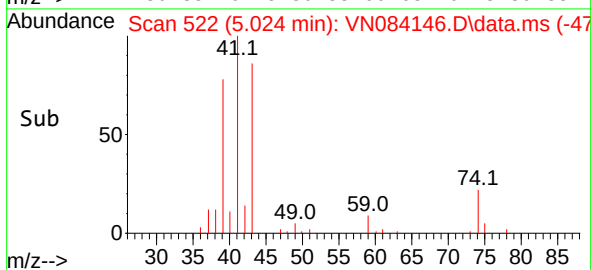
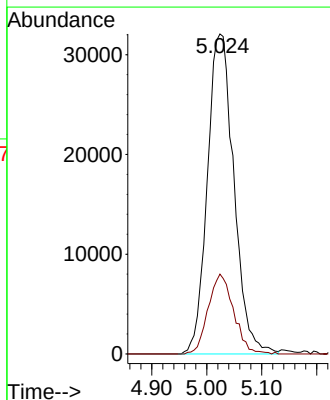
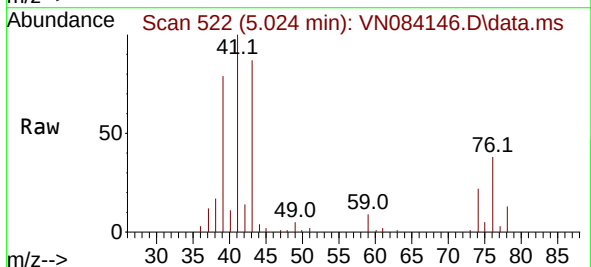
Manual Integrations
APPROVED

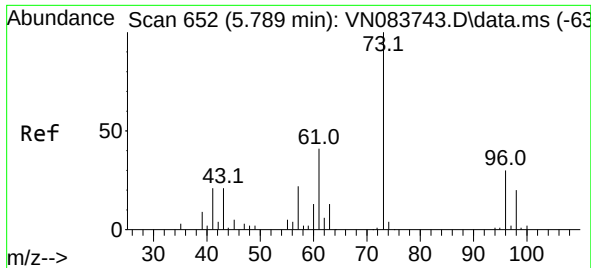
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#18
Methyl Acetate
Concen: 59.438 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

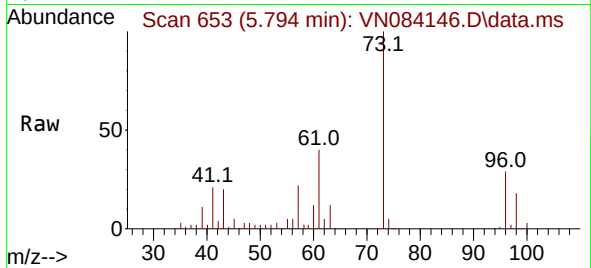
Tgt Ion: 43 Resp: 107612
Ion Ratio Lower Upper
43 100
74 23.9 19.0 28.4





#19
Methyl tert-butyl Ether
Concen: 50.717 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

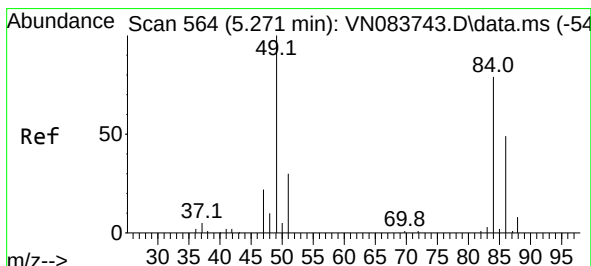
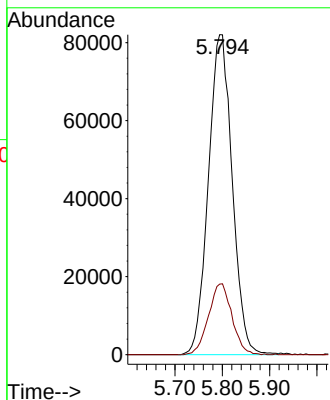
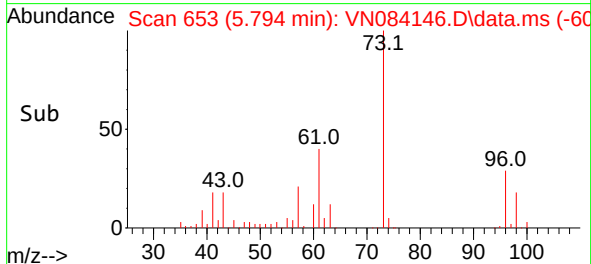
Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20240916MSD



Tgt Ion: 73 Resp: 287050
Ion Ratio Lower Upper
73 100
57 22.1 17.0 25.6

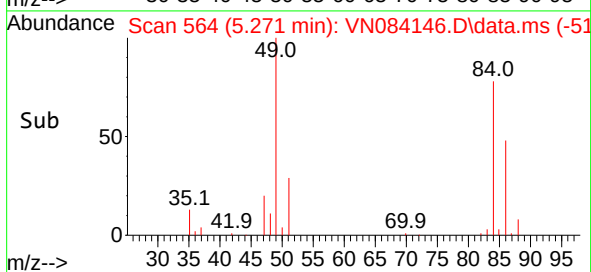
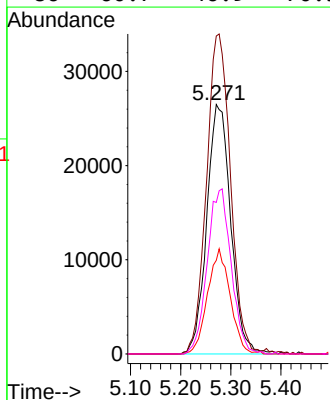
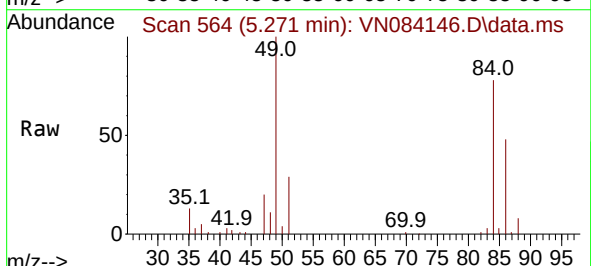
Manual Integrations
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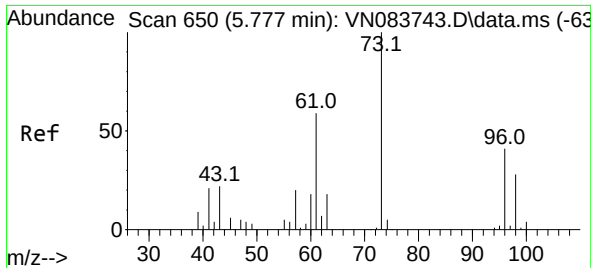
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#20
Methylene Chloride
Concen: 49.249 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

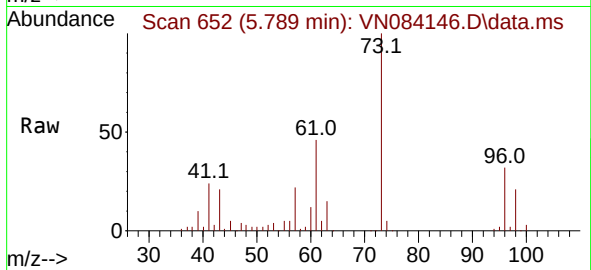
Tgt Ion: 84 Resp: 88092
Ion Ratio Lower Upper
84 100
49 127.5 93.4 140.0
51 37.5 29.2 43.8
86 60.7 46.9 70.3





#21
trans-1,2-Dichloroethene
Concen: 47.220 ug/l
RT: 5.789 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

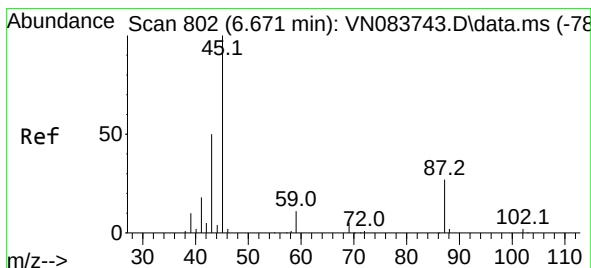
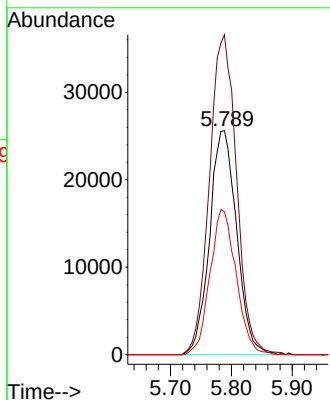
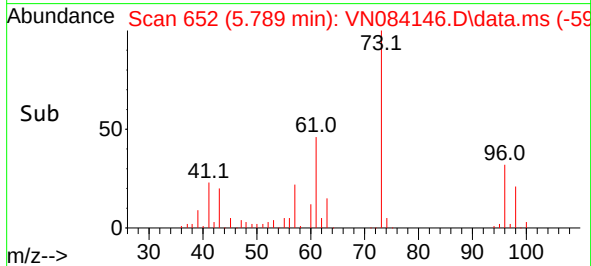
Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20240916MSD



Tgt Ion: 96 Resp: 79150
Ion Ratio Lower Upper
96 100
61 142.8 106.0 159.0
98 63.7 52.2 78.2

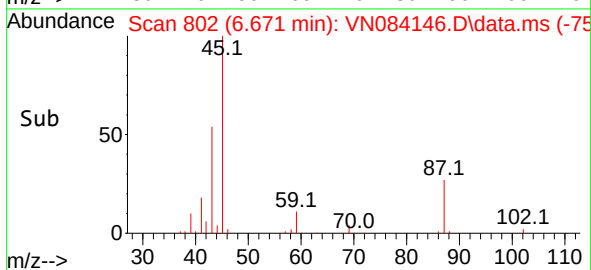
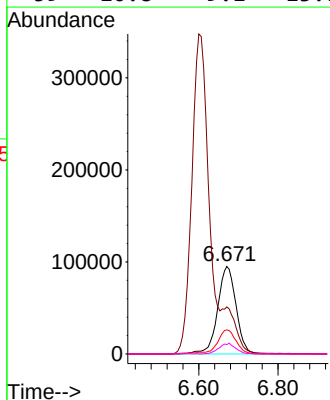
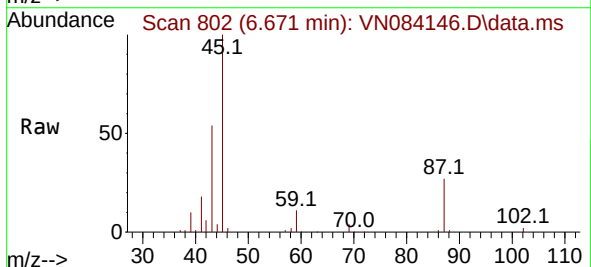
Manual Integrations
APPROVED

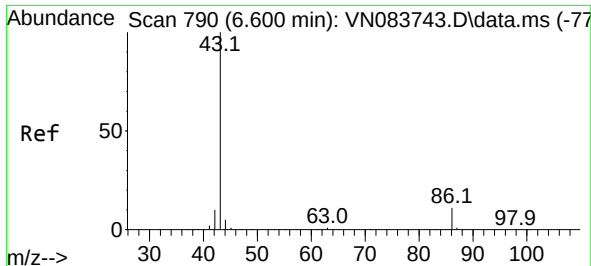
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#22
Diisopropyl ether
Concen: 53.444 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

Tgt Ion: 45 Resp: 306613
Ion Ratio Lower Upper
45 100
43 52.8 43.4 65.0
87 27.4 22.6 33.8
59 10.8 9.1 13.7





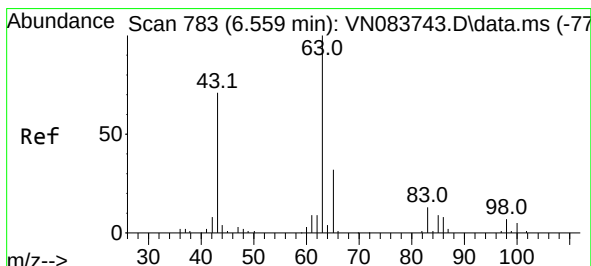
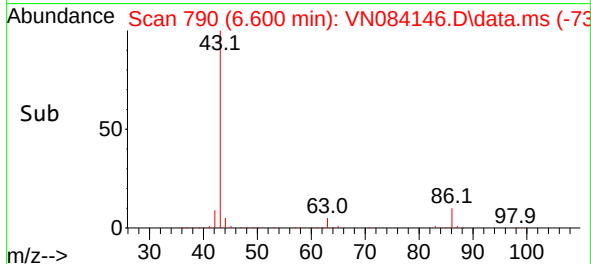
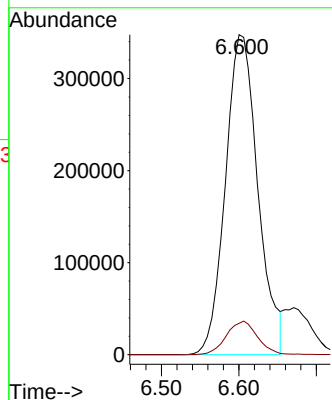
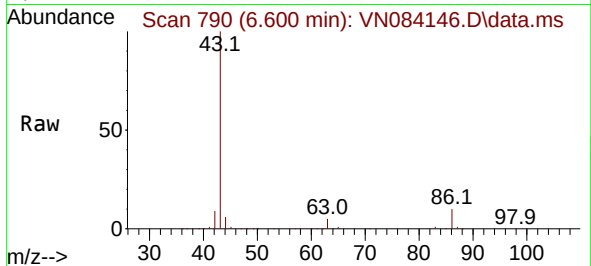
#23
 Vinyl Acetate
 Concen: 241.287 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN084146.D
 Acq: 24 Sep 2024 19:55

Instrument :
 MSVOA_N
 ClientSampleId :
 RE122D1-20240916MSD

Tgt Ion: 43 Resp: 1013729
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.7 13.1

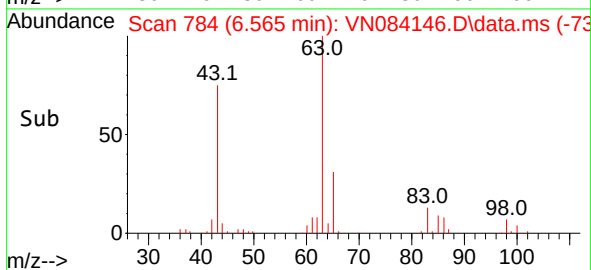
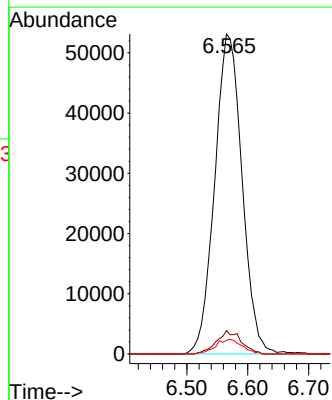
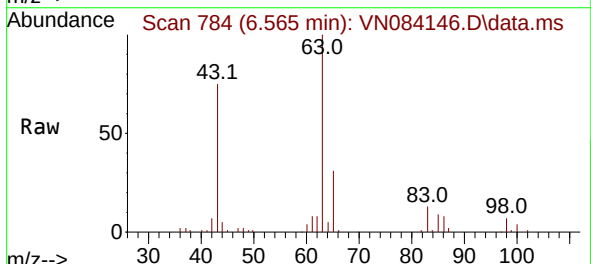
Manual Integrations
 APPROVED

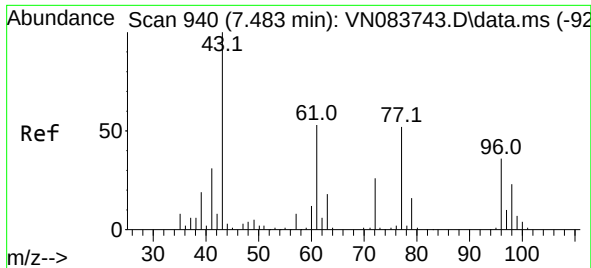
Reviewed By :John Carlone 09/25/2024
 Supervised By :Mahesh Dadoda 09/25/2024



#24
 1,1-Dichloroethane
 Concen: 50.108 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.006 min
 Lab File: VN084146.D
 Acq: 24 Sep 2024 19:55

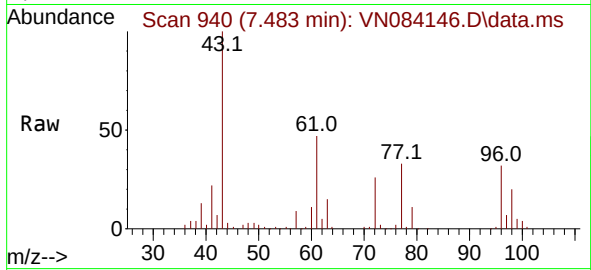
Tgt Ion: 63 Resp: 165620
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.4
 100 4.2 2.5 7.5





#25
2-Butanone
Concen: 274.053 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

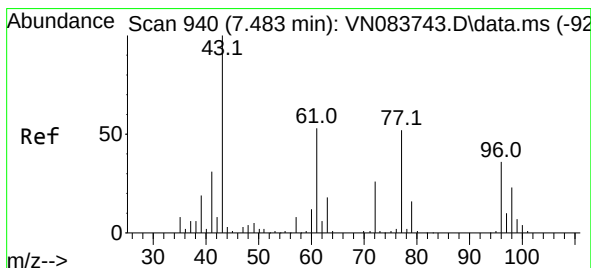
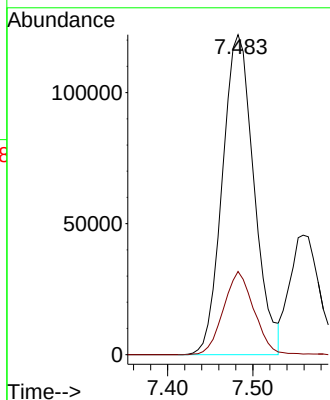
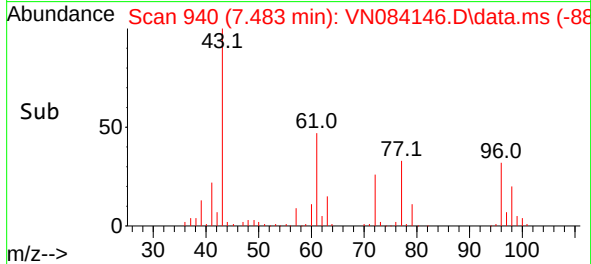
Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20240916MSD



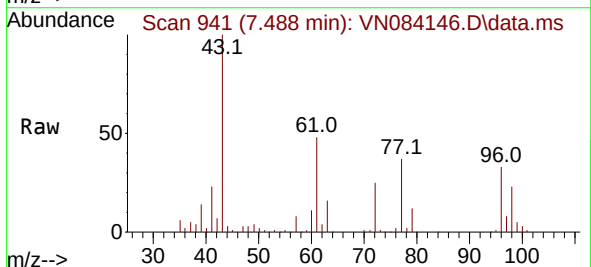
Tgt Ion: 43 Resp: 314849
Ion Ratio Lower Upper
43 100
72 26.0 20.8 31.2

Manual Integrations
APPROVED

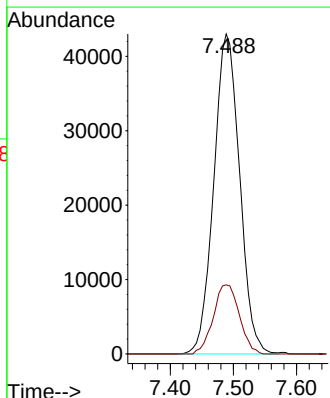
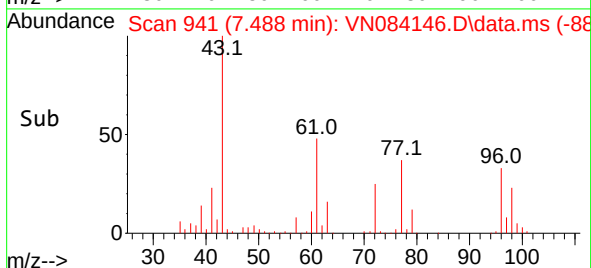
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024

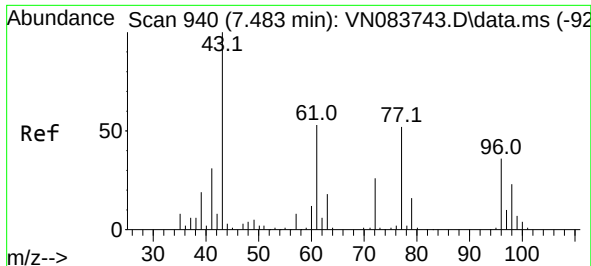


#26
2,2-Dichloropropane
Concen: 40.155 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55



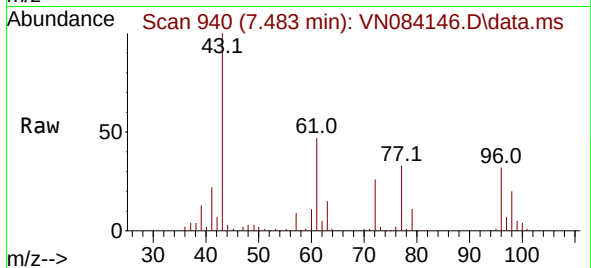
Tgt Ion: 77 Resp: 122228
Ion Ratio Lower Upper
77 100
97 21.7 10.2 30.4





#27
 cis-1,2-Dichloroethene
 Concen: 51.973 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN084146.D
 Acq: 24 Sep 2024 19:55

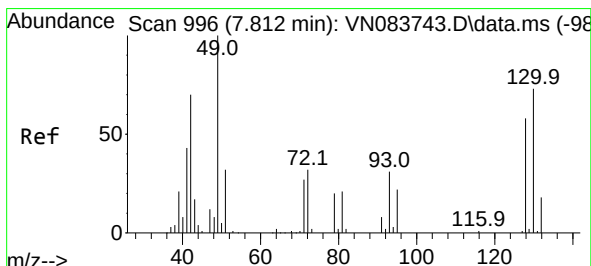
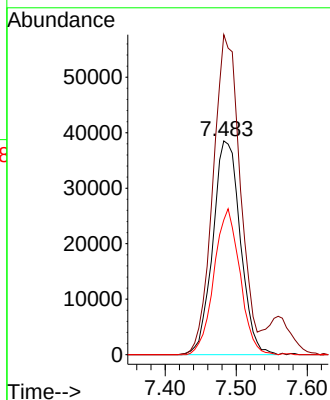
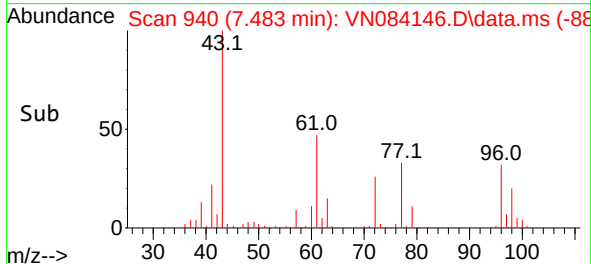
Instrument :
 MSVOA_N
 ClientSampleId :
 RE122D1-20240916MSD



Tgt Ion: 96 Resp: 10341
 Ion Ratio Lower Upper
 96 100
 61 148.8 0.0 306.2
 98 64.5 0.0 128.6

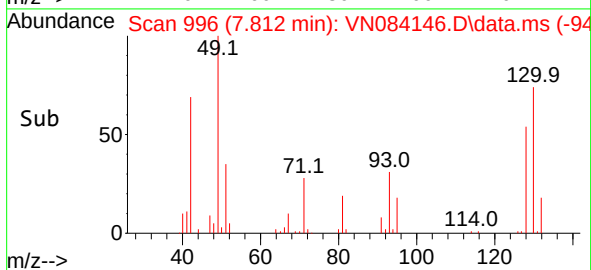
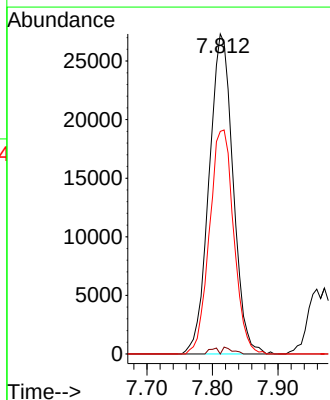
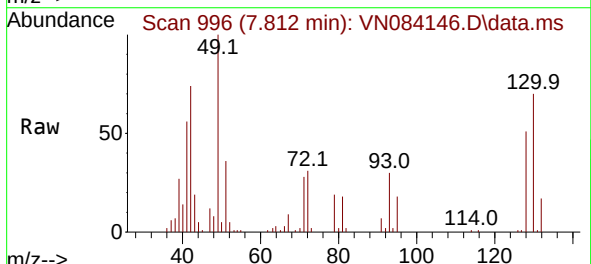
Manual Integrations
 APPROVED

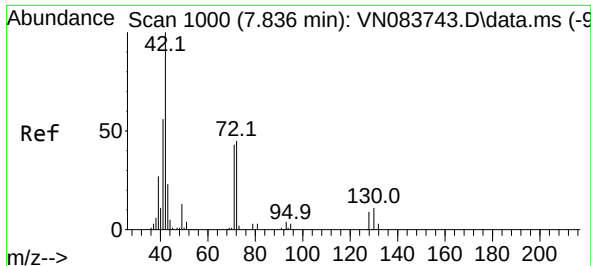
Reviewed By :John Carlone 09/25/2024
 Supervised By :Mahesh Dadoda 09/25/2024



#28
 Bromochloromethane
 Concen: 49.895 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN084146.D
 Acq: 24 Sep 2024 19:55

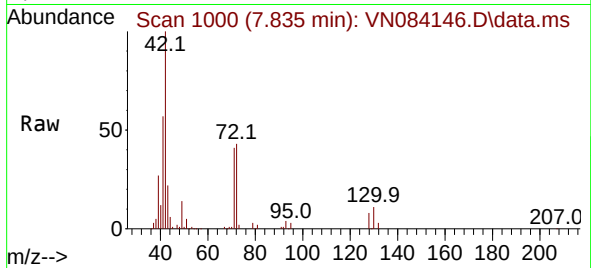
Tgt Ion: 49 Resp: 69449
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 3.4
 130 70.7 60.2 90.2





#29
Tetrahydrofuran
Concen: 298.581 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

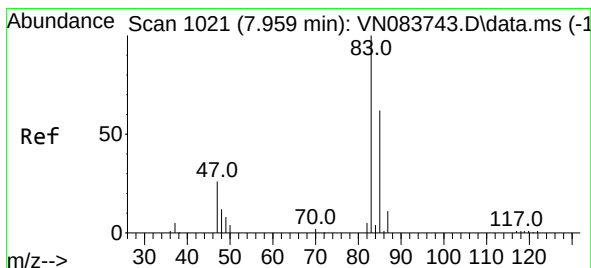
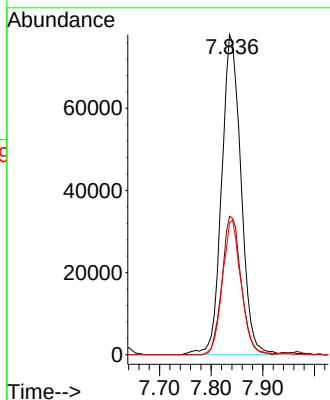
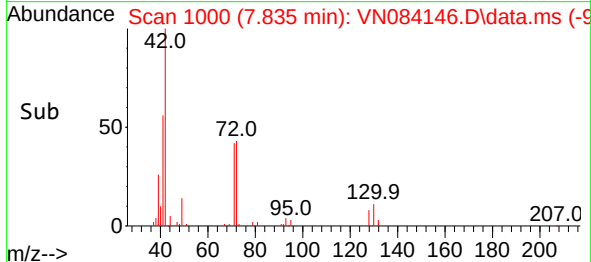
Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20240916MSD



Tgt Ion: 42 Resp: 202830
Ion Ratio Lower Upper
42 100
72 42.8 35.9 53.9
71 40.4 33.9 50.9

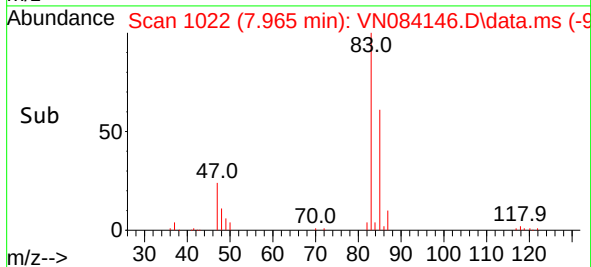
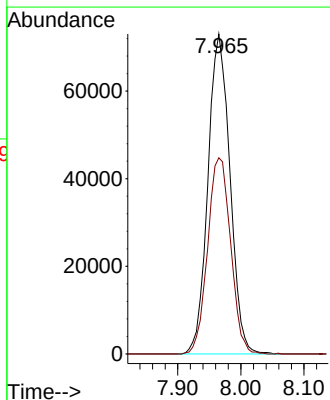
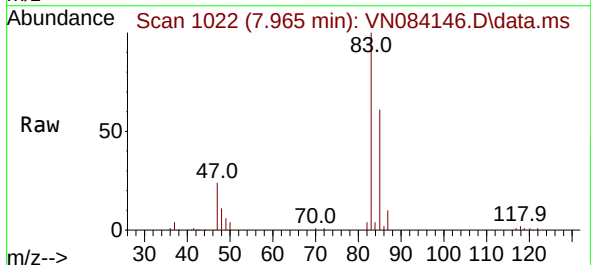
Manual Integrations
APPROVED

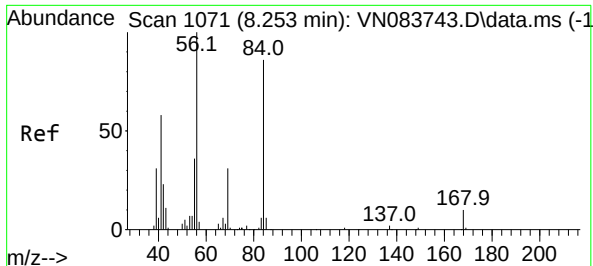
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#30
Chloroform
Concen: 50.490 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

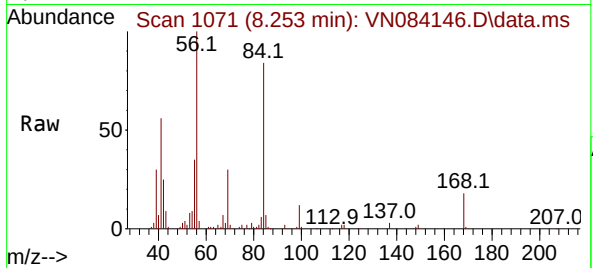
Tgt Ion: 83 Resp: 177171
Ion Ratio Lower Upper
83 100
85 61.3 52.8 79.2





#31
Cyclohexane
Concen: 40.897 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

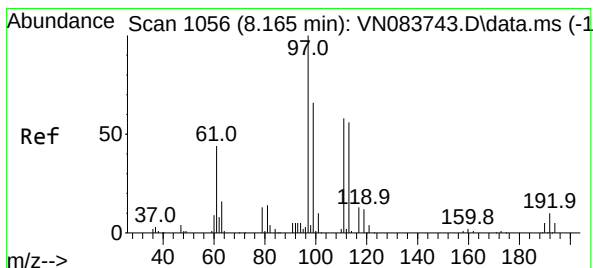
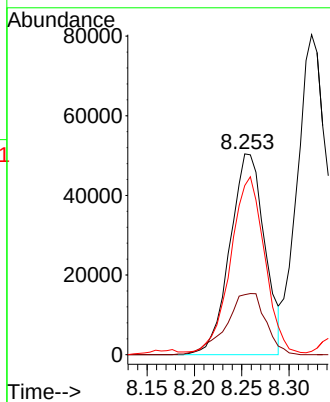
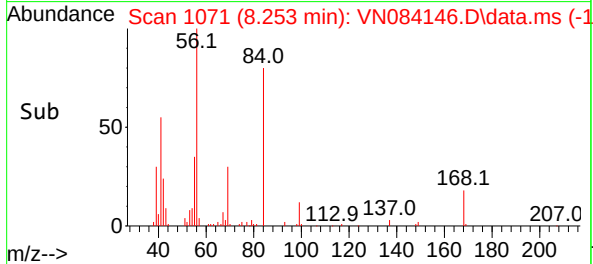
Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20240916MSD



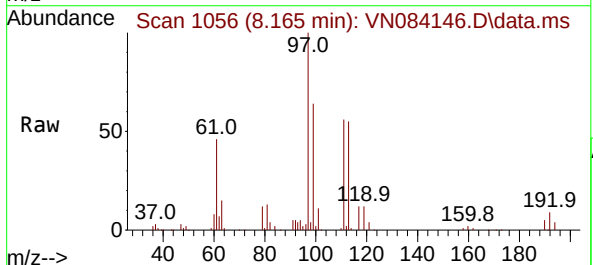
Tgt Ion: 56 Resp: 12888
Ion Ratio Lower Upper
56 100
69 29.6 26.9 40.3
84 82.8 69.2 103.8

Manual Integrations
APPROVED

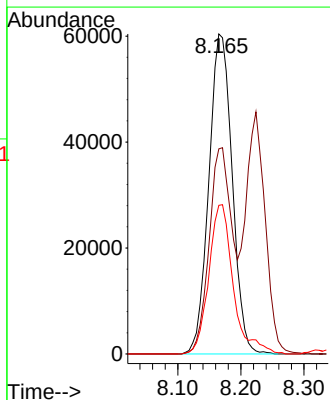
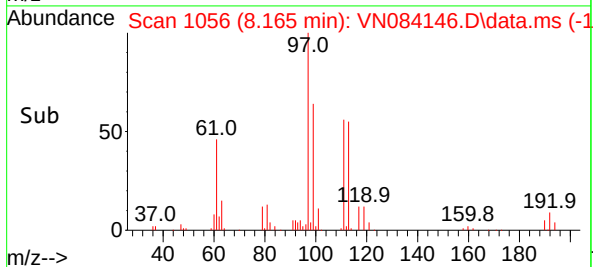
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024

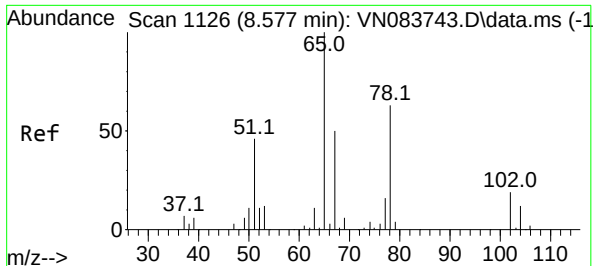


#32
1,1,1-Trichloroethane
Concen: 48.069 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55



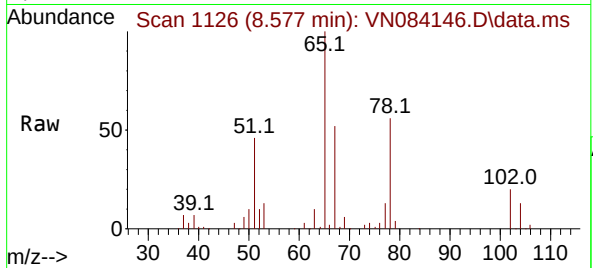
Tgt Ion: 97 Resp: 155095
Ion Ratio Lower Upper
97 100
99 63.0 52.3 78.5
61 48.8 38.2 57.2





#33
1,2-Dichloroethane-d4
Concen: 46.651 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

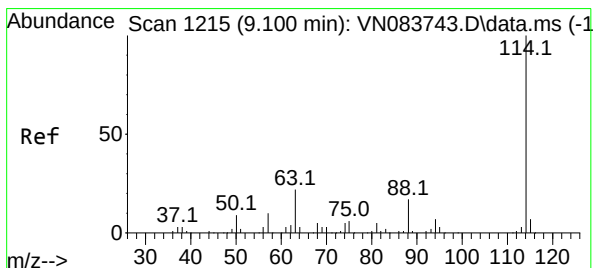
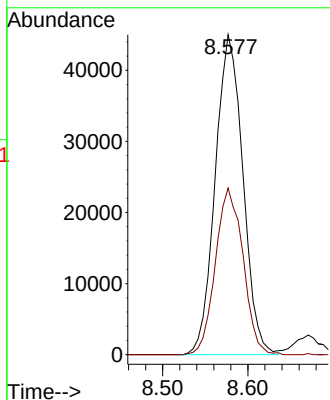
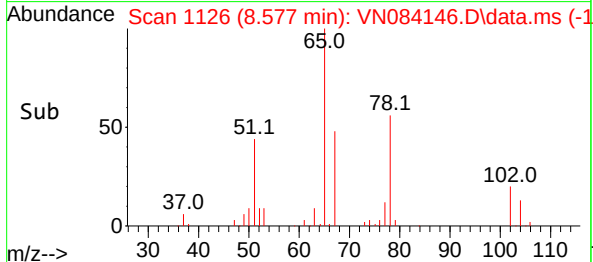
Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20240916MSD



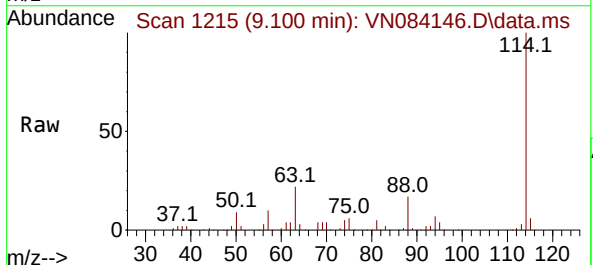
Tgt Ion: 65 Resp: 101720
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.8

Manual Integrations
APPROVED

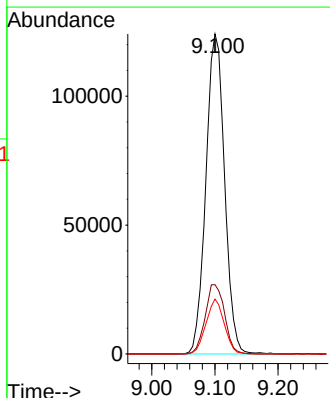
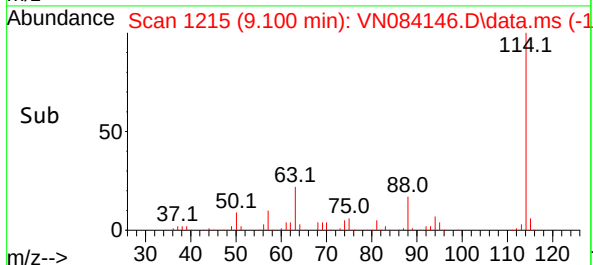
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024

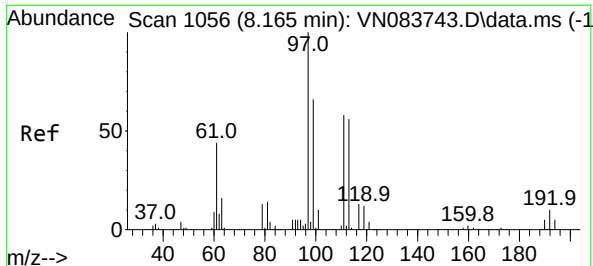


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55



Tgt Ion:114 Resp: 255637
Ion Ratio Lower Upper
114 100
63 21.7 0.0 43.4
88 17.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.055 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084146.D

Acq: 24 Sep 2024 19:55

Instrument :

MSVOA_N

ClientSampleId :

RE122D1-20240916MSD

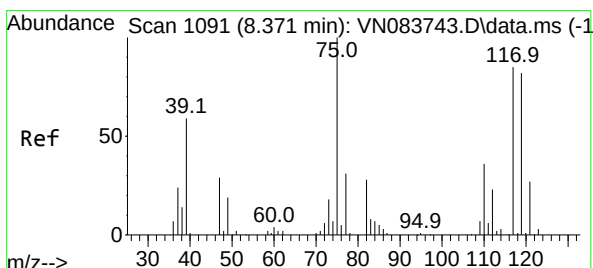
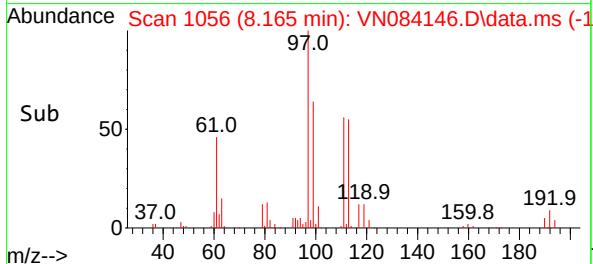
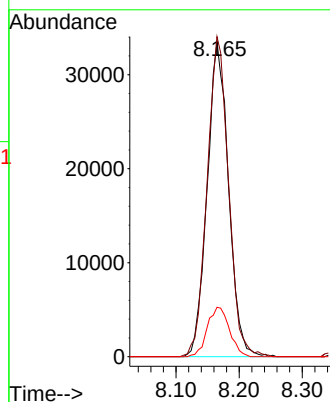
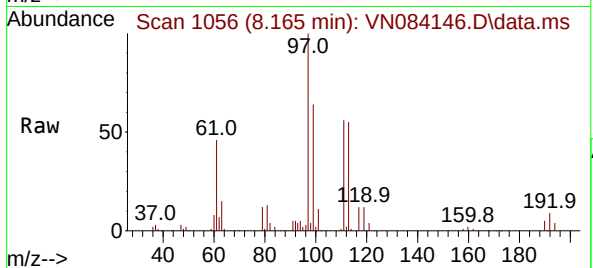
Tgt Ion:	113	Resp:	7864
Ion Ratio	Lower	Upper	
113	100		
111	102.0	82.6	124.0
192	16.2	14.3	21.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#36

1,1-Dichloropropene

Concen: 45.901 ug/l

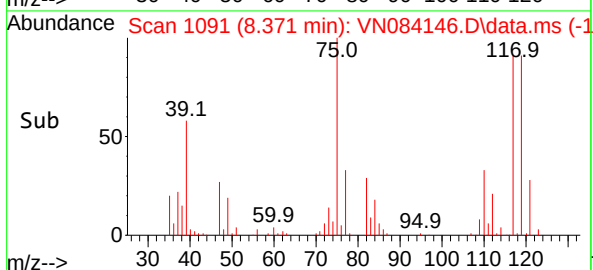
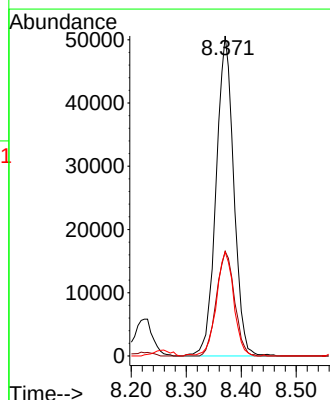
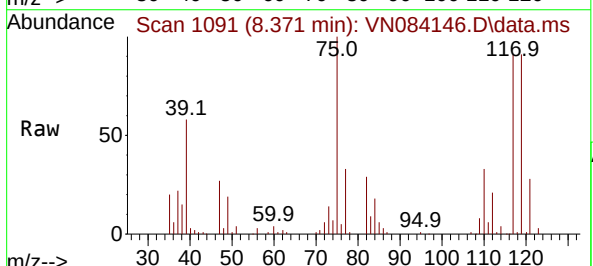
RT: 8.371 min Scan# 1091

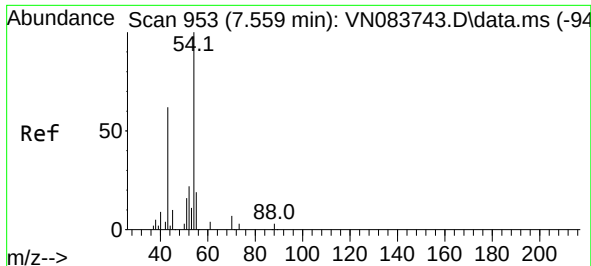
Delta R.T. 0.000 min

Lab File: VN084146.D

Acq: 24 Sep 2024 19:55

Tgt Ion:	75	Resp:	113065
Ion Ratio	Lower	Upper	
75	100		
110	33.5	16.7	50.1
77	32.1	25.2	37.8





#37

Ethyl Acetate

Concen: 51.344 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN084146.D

Acq: 24 Sep 2024 19:55

Instrument :

MSVOA_N

ClientSampleId :

RE122D1-20240916MSD

Tgt Ion: 43 Resp: 114799

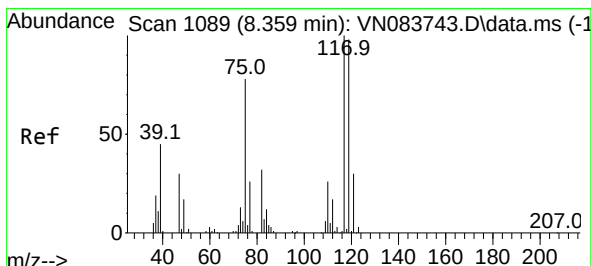
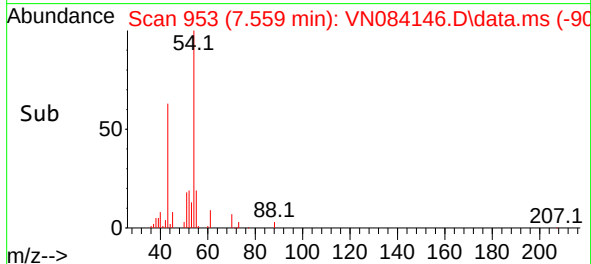
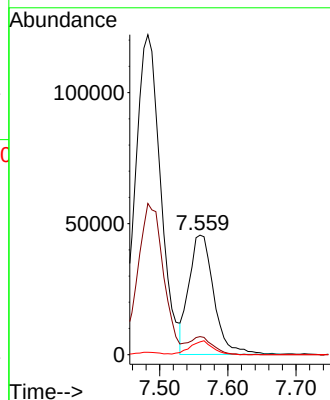
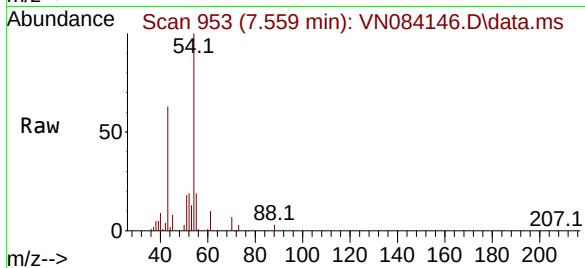
Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.1	16.7
70	10.6	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#38

Carbon Tetrachloride

Concen: 47.420 ug/l

RT: 8.359 min Scan# 1089

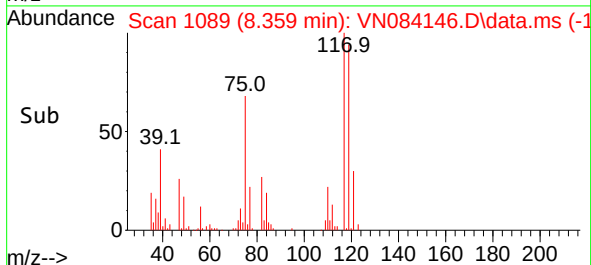
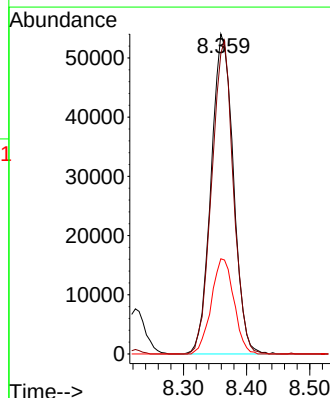
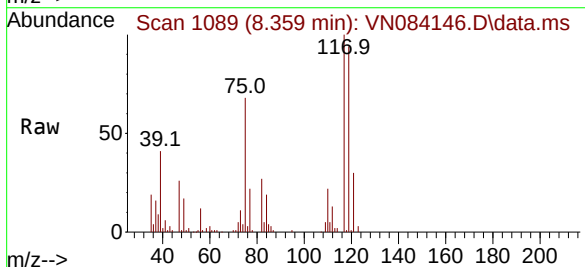
Delta R.T. 0.000 min

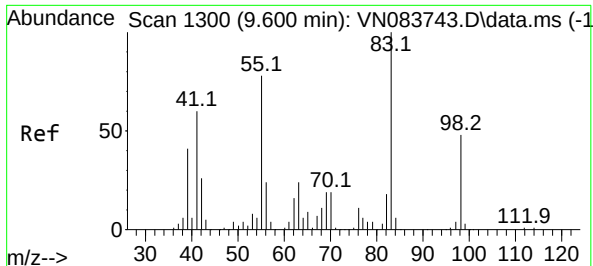
Lab File: VN084146.D

Acq: 24 Sep 2024 19:55

Tgt Ion:117 Resp: 132518

Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.1	114.1
121	29.8	24.1	36.1





#39

Methylcyclohexane

Concen: 42.401 ug/l

RT: 9.600 min Scan# 11188

Delta R.T. 0.000 min

Lab File: VN084146.D

Acq: 24 Sep 2024 19:55

Instrument :

MSVOA_N

ClientSampleId :

RE122D1-20240916MSD

Tgt Ion: 83 Resp: 11888

Ion Ratio Lower Upper

83 100

55 81.2 62.2 93.4

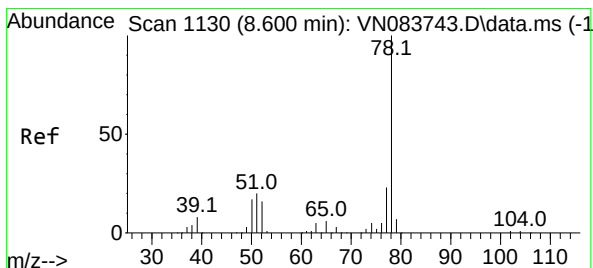
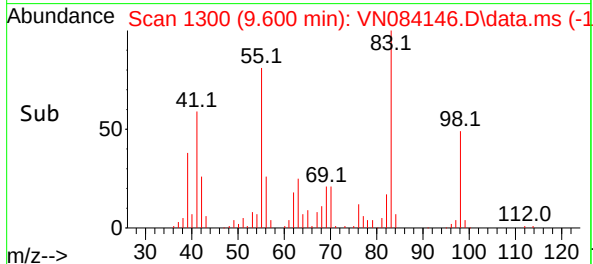
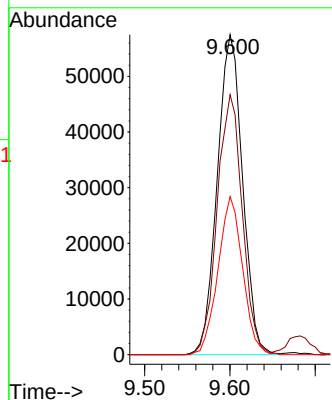
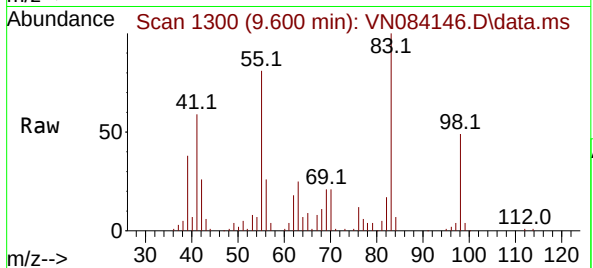
98 49.4 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#40

Benzene

Concen: 49.182 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN084146.D

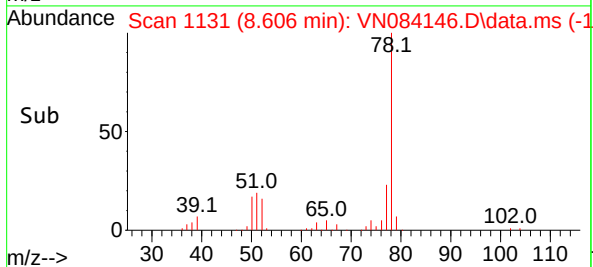
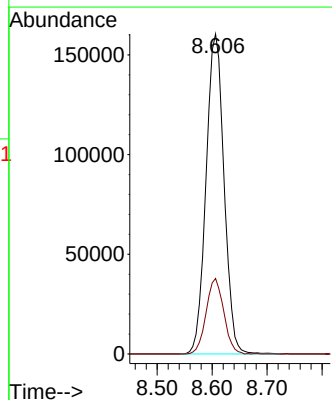
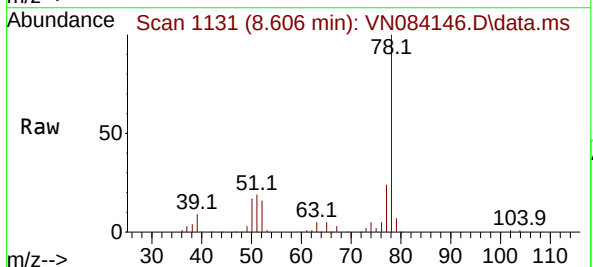
Acq: 24 Sep 2024 19:55

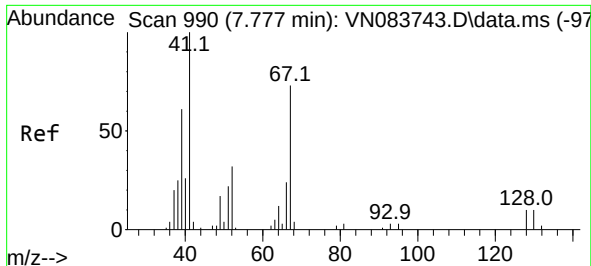
Tgt Ion: 78 Resp: 364638

Ion Ratio Lower Upper

78 100

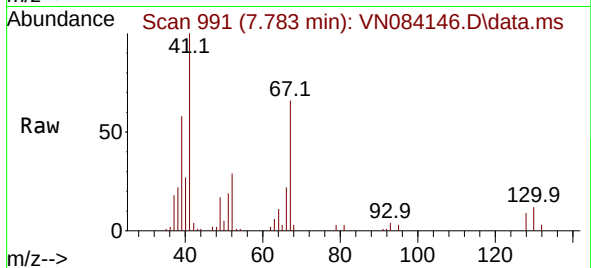
77 23.6 19.0 28.6





#41
Methacrylonitrile
Concen: 54.755 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

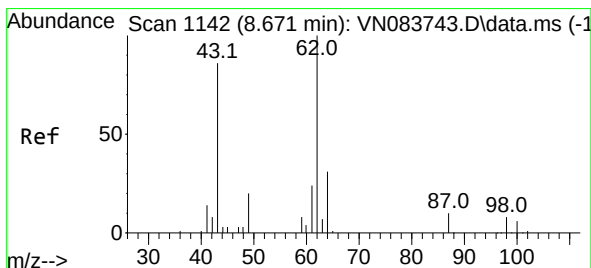
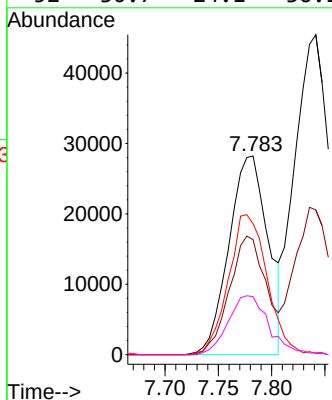
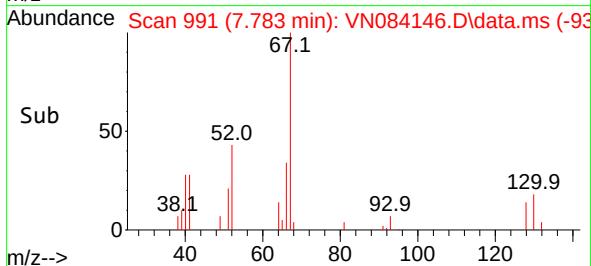
Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20240916MSD



Tgt Ion: 41 Resp: 72410
Ion Ratio Lower Upper
41 100
39 56.2 45.4 68.2
67 69.7 55.9 83.9
52 30.7 24.1 36.1

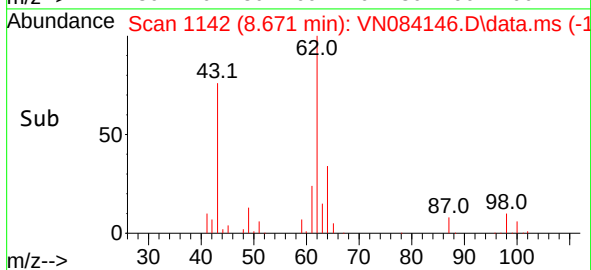
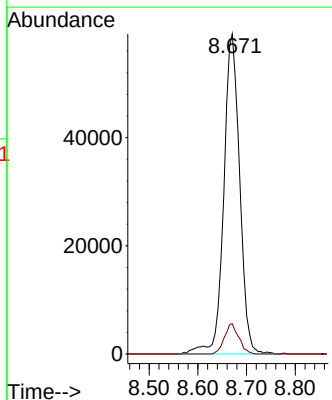
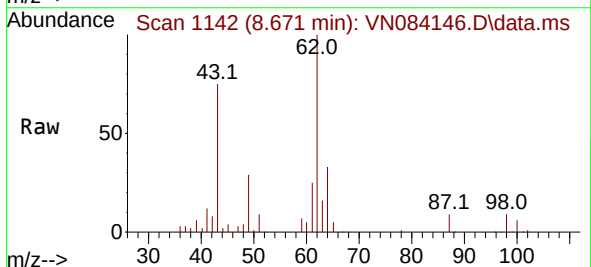
Manual Integrations
APPROVED

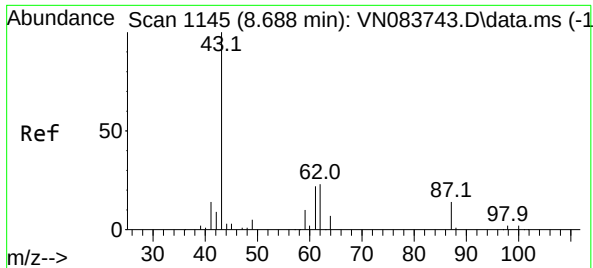
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#42
1,2-Dichloroethane
Concen: 48.660 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

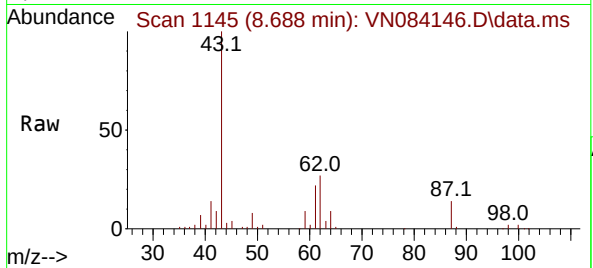
Tgt Ion: 62 Resp: 134808
Ion Ratio Lower Upper
62 100
98 8.5 0.0 16.6





#43
Isopropyl Acetate
Concen: 51.624 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

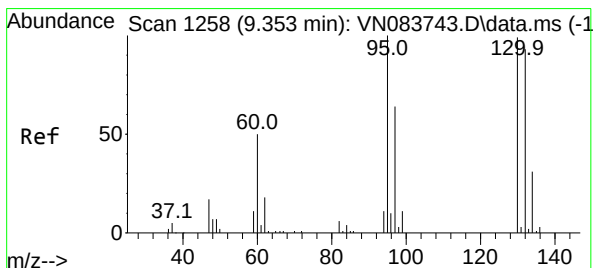
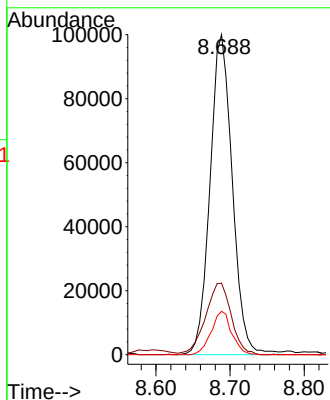
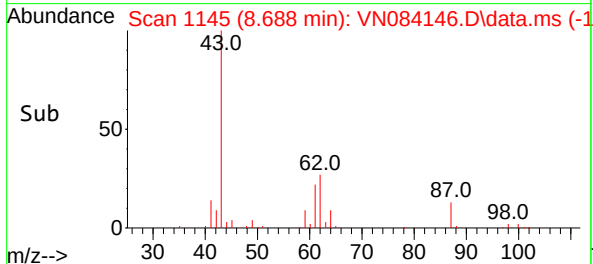
Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20240916MSD



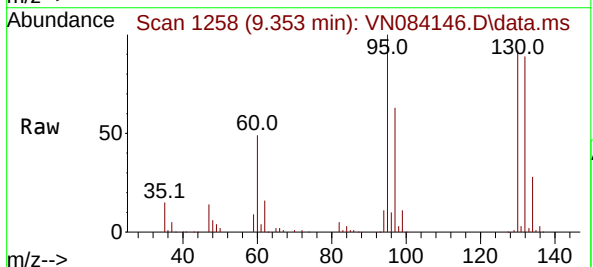
Tgt Ion: 43 Resp: 209168
Ion Ratio Lower Upper
43 100
61 25.8 19.4 29.0
87 12.4 9.8 14.6

Manual Integrations
APPROVED

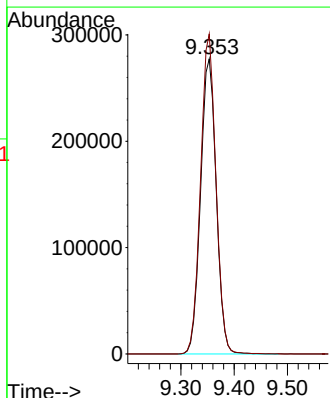
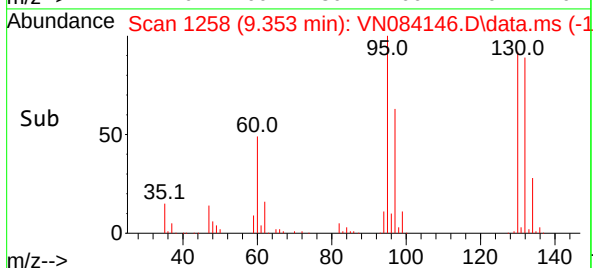
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024

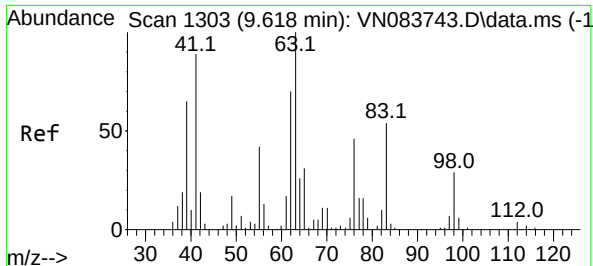


#44
Trichloroethene
Concen: 329.681 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55



Tgt Ion:130 Resp: 566031
Ion Ratio Lower Upper
130 100
95 108.5 0.0 200.4





#45

1,2-Dichloropropane

Concen: 51.600 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN084146.D

Acq: 24 Sep 2024 19:55

Instrument :

MSVOA_N

ClientSampleId :

RE122D1-20240916MSD

Tgt Ion: 63 Resp: 9246

Ion Ratio Lower Upper

63 100

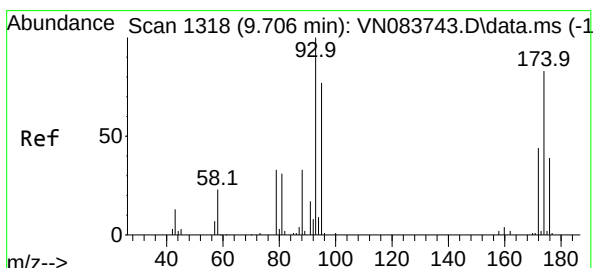
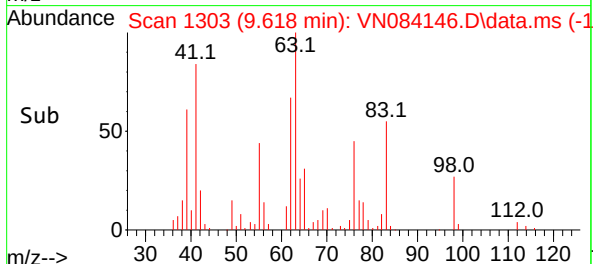
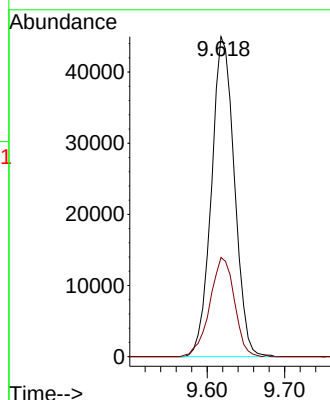
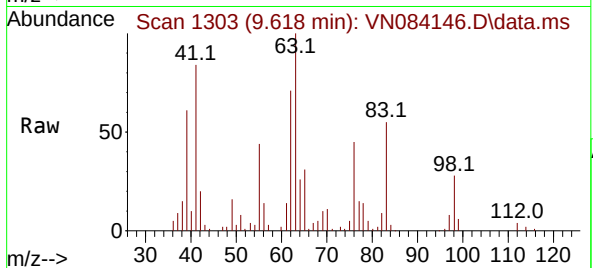
65 31.0 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#46

Dibromomethane

Concen: 50.418 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN084146.D

Acq: 24 Sep 2024 19:55

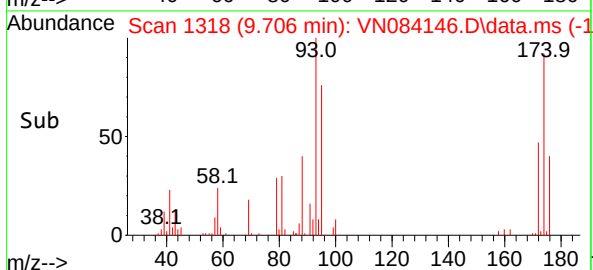
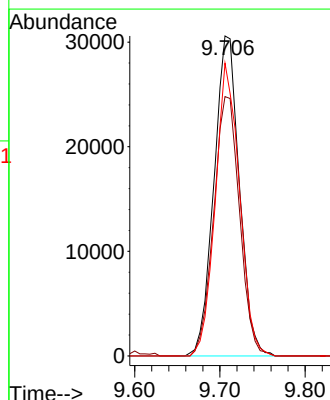
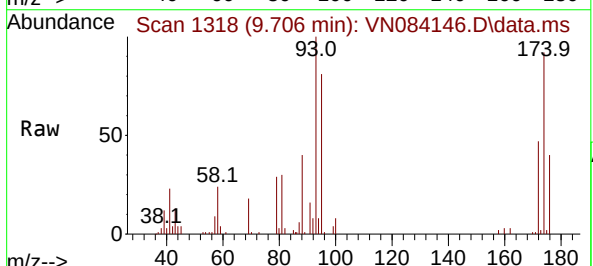
Tgt Ion: 93 Resp: 63282

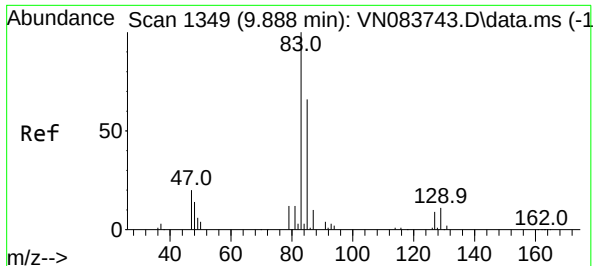
Ion Ratio Lower Upper

93 100

95 82.5 65.3 97.9

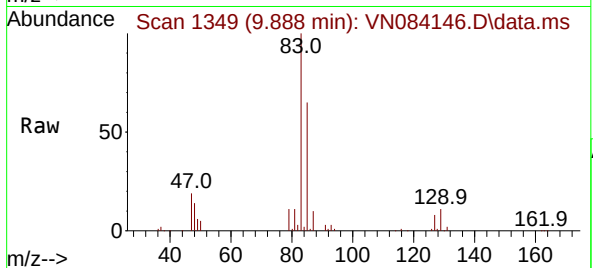
174 87.2 71.0 106.4





#47
Bromodichloromethane
Concen: 52.539 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

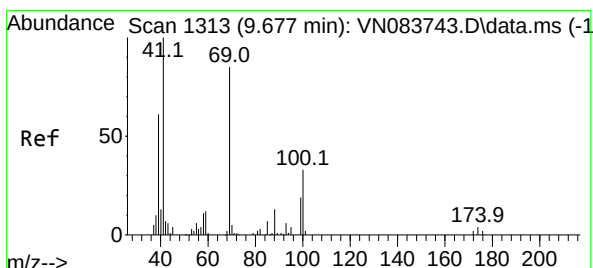
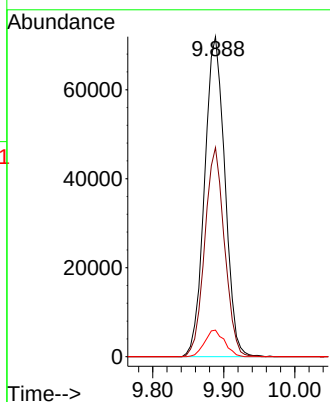
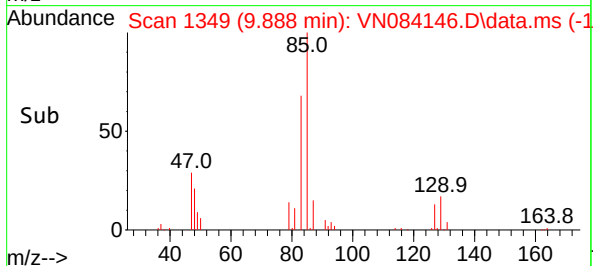
Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20240916MSD



Tgt Ion: 83 Resp: 142715
Ion Ratio Lower Upper
83 100
85 65.3 51.8 77.8
127 8.3 6.6 9.8

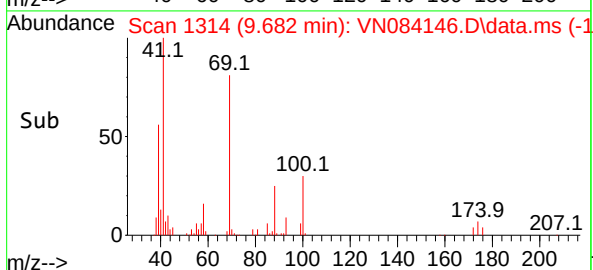
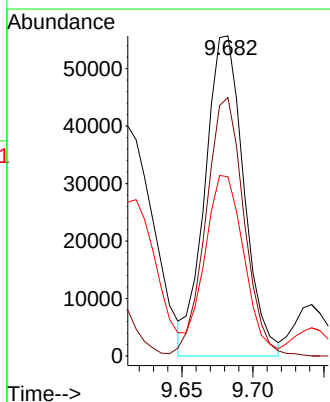
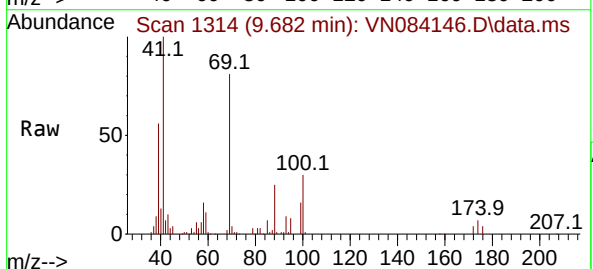
Manual Integrations
APPROVED

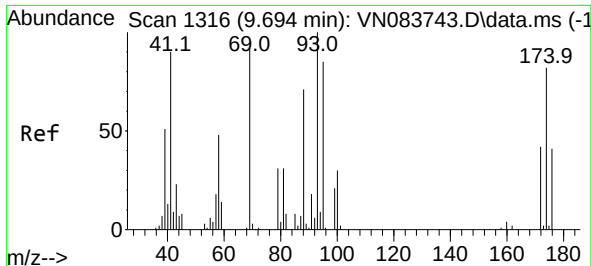
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#48
Methyl methacrylate
Concen: 55.111 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

Tgt Ion: 41 Resp: 105941
Ion Ratio Lower Upper
41 100
69 79.3 64.3 96.5
39 56.4 48.9 73.3





#49

1,4-Dioxane

Concen: 1216.385 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN084146.D

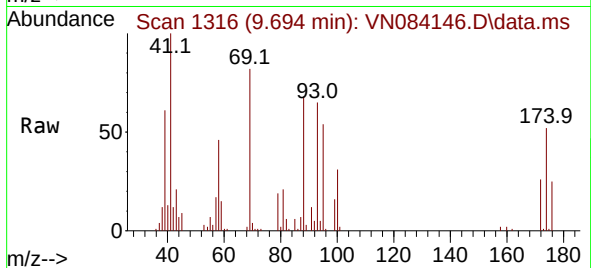
Acq: 24 Sep 2024 19:55

Instrument :

MSVOA_N

ClientSampleId :

RE122D1-20240916MSD



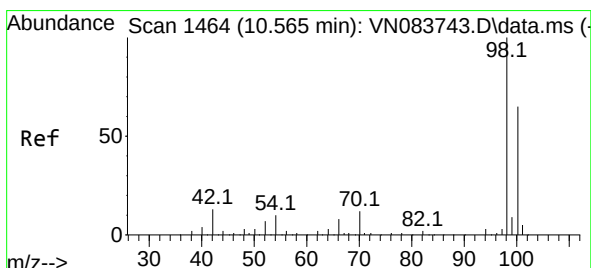
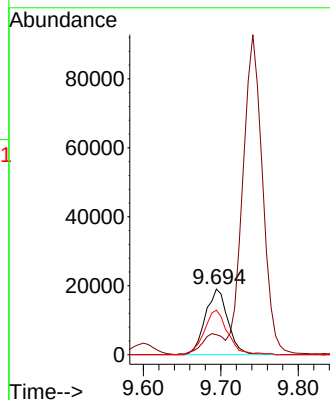
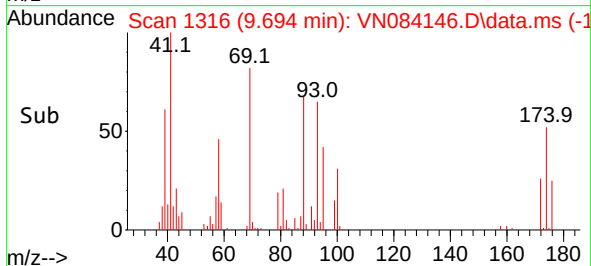
Tgt Ion:	88	Resp:	3846
Ion Ratio	Lower	Upper	
88	100		
43	31.7	0.0	0.0
58	70.4	57.1	85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#50

Toluene-d8

Concen: 48.350 ug/l

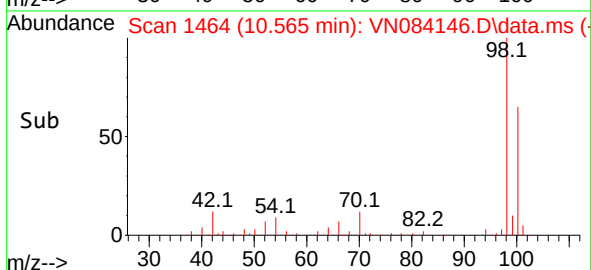
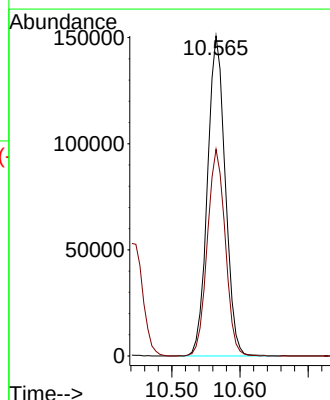
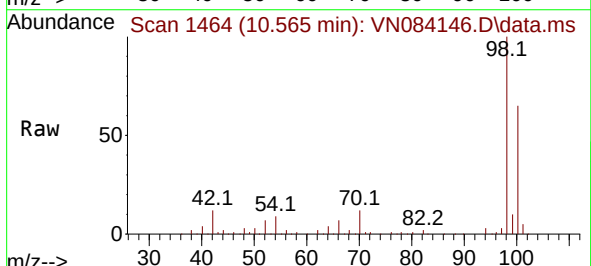
RT: 10.565 min Scan# 1464

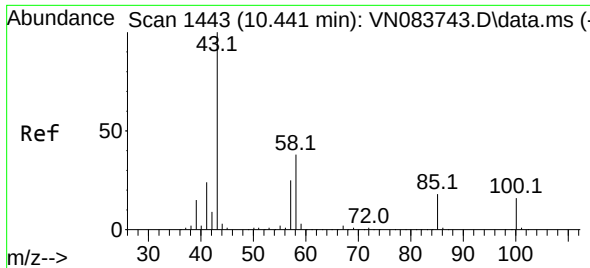
Delta R.T. -0.000 min

Lab File: VN084146.D

Acq: 24 Sep 2024 19:55

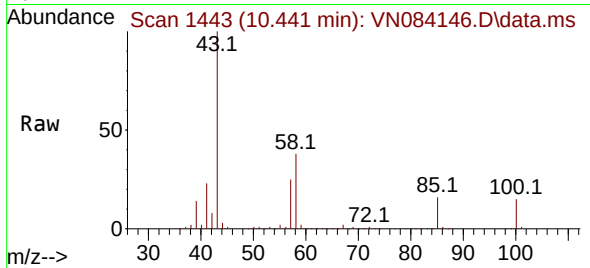
Tgt Ion:	98	Resp:	273547
Ion Ratio	Lower	Upper	
98	100		
100	65.0	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 298.905 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

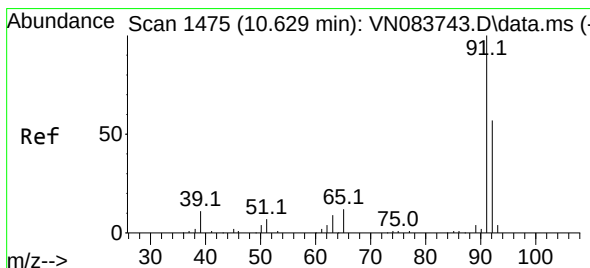
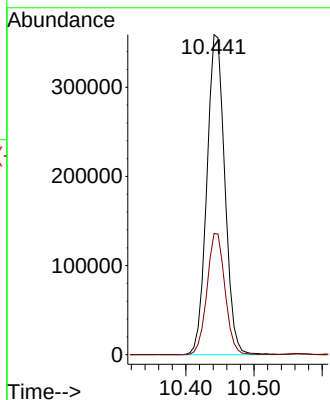
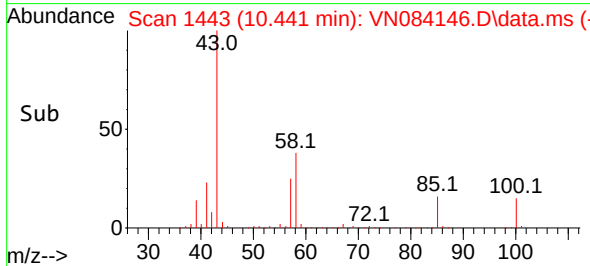
Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20240916MSD



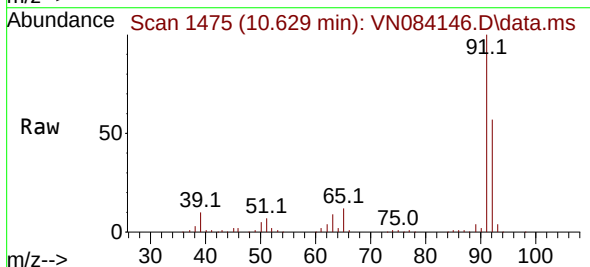
Tgt Ion: 43 Resp: 659258
Ion Ratio Lower Upper
43 100
58 37.9 31.6 47.4

Manual Integrations
APPROVED

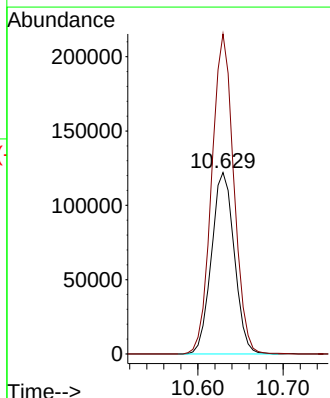
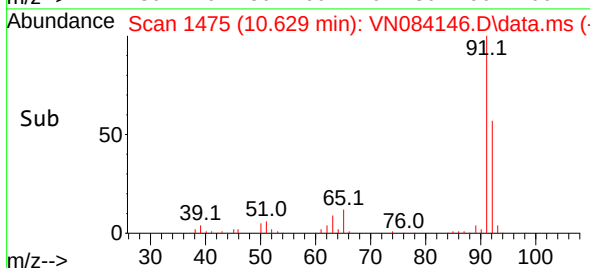
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024

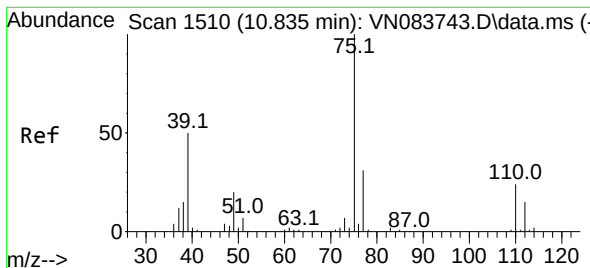


#52
Toluene
Concen: 49.955 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55



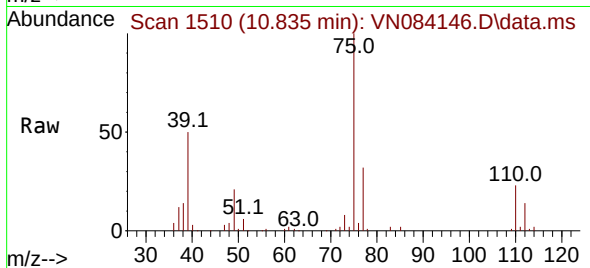
Tgt Ion: 92 Resp: 226546
Ion Ratio Lower Upper
92 100
91 171.3 134.7 202.1





#53
t-1,3-Dichloropropene
Concen: 50.814 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

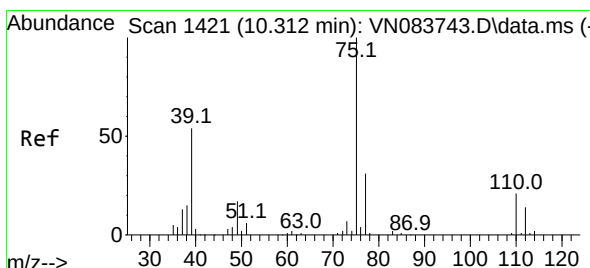
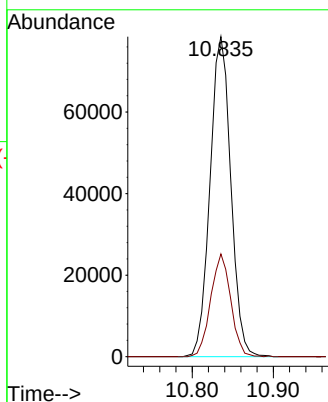
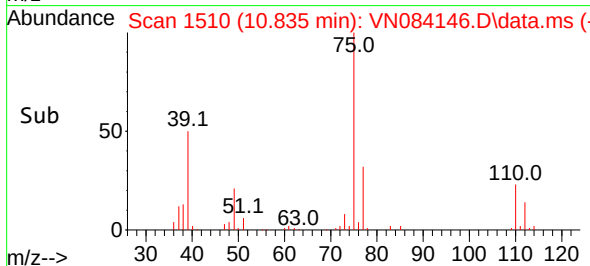
Instrument : MSVOA_N
ClientSampleId : RE122D1-20240916MSD



Tgt Ion: 75 Resp: 139908
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.6

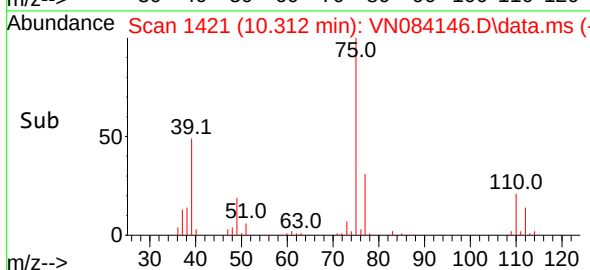
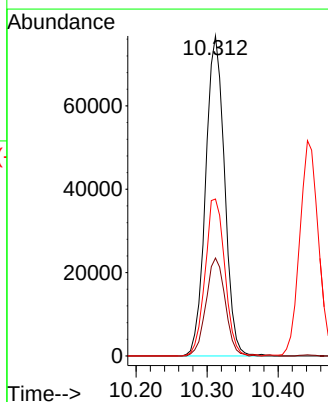
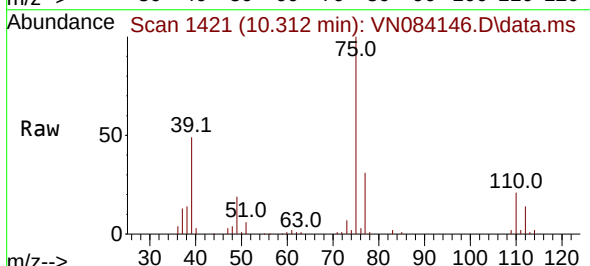
Manual Integrations
APPROVED

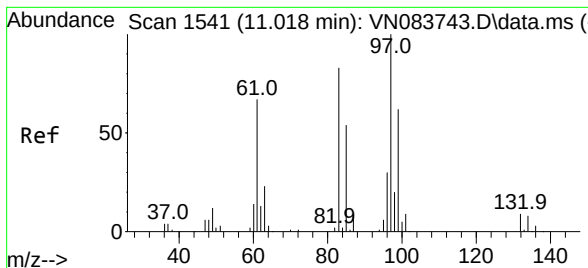
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#54
cis-1,3-Dichloropropene
Concen: 49.154 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

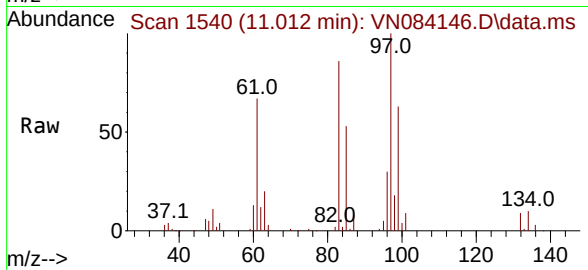
Tgt Ion: 75 Resp: 142163
Ion Ratio Lower Upper
75 100
77 30.6 25.0 37.6
39 49.0 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 52.029 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.006 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

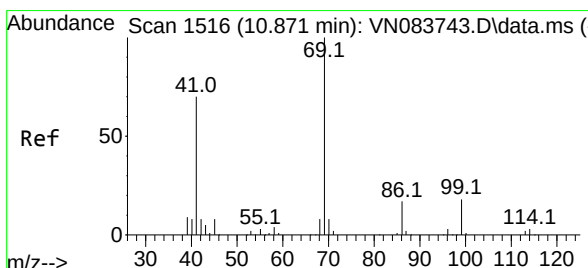
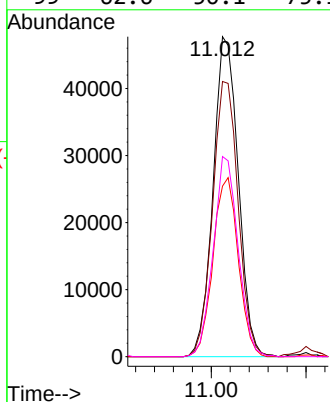
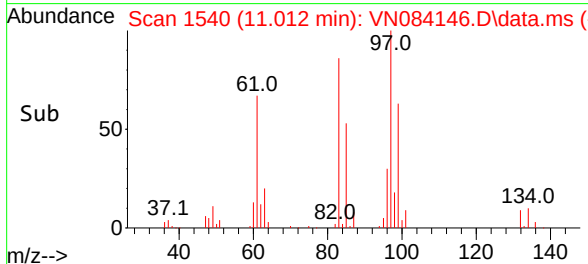
Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20240916MSD



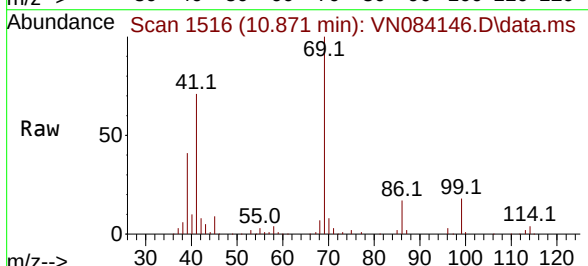
Tgt Ion:	97	Resp:	8808
Ion Ratio	100	Lower	Upper
97	100		
83	86.0	67.5	101.3
85	53.3	44.2	66.2
99	62.6	50.1	75.1

Manual Integrations
APPROVED

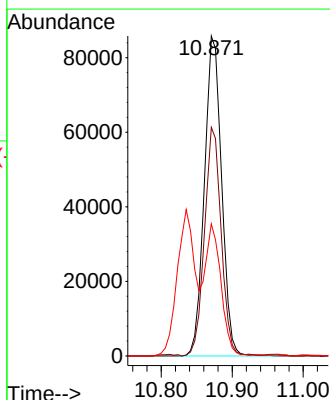
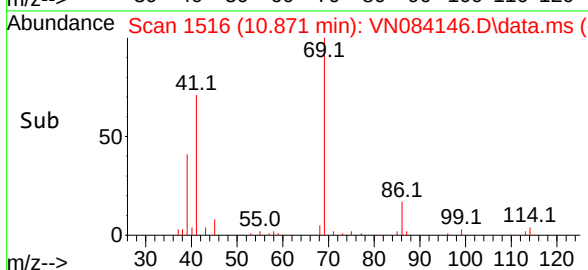
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024

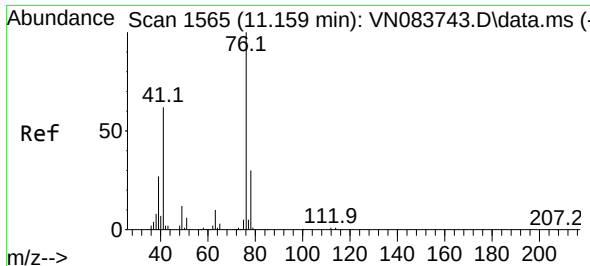


#56
Ethyl methacrylate
Concen: 55.576 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55



Tgt Ion:	69	Resp:	144764
Ion Ratio	100	Lower	Upper
69	100		
41	69.4	53.9	80.9
39	38.8	32.6	48.8





#57

1,3-Dichloropropane

Concen: 52.809 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN084146.D

Acq: 24 Sep 2024 19:55

Instrument :

MSVOA_N

ClientSampleId :

RE122D1-20240916MSD

Tgt Ion: 76 Resp: 153664

Ion Ratio Lower Upper

76 100

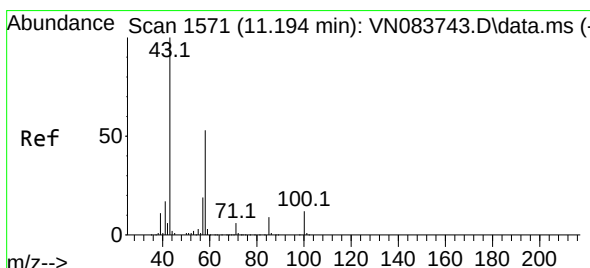
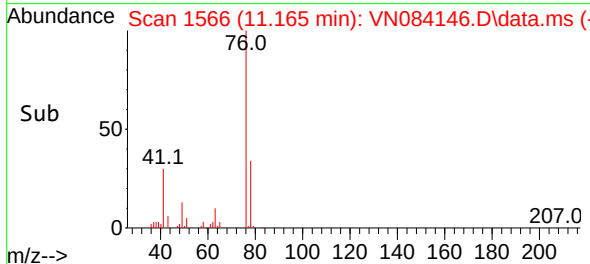
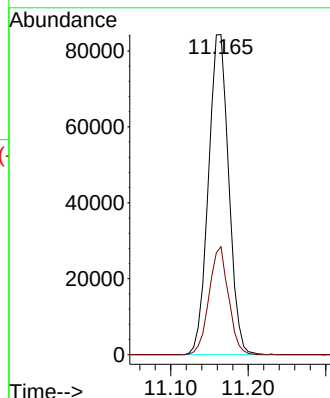
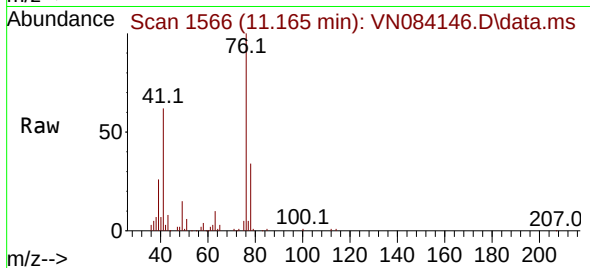
78 32.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#59

2-Hexanone

Concen: 294.191 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. -0.000 min

Lab File: VN084146.D

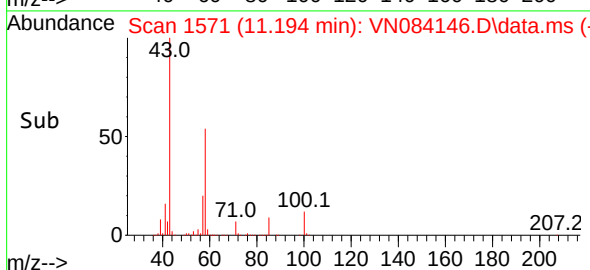
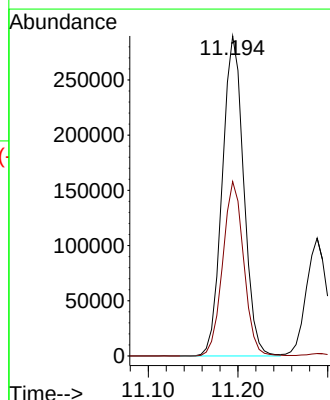
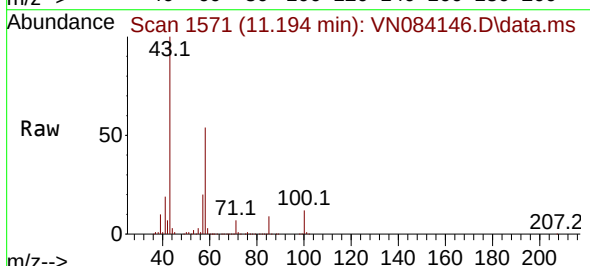
Acq: 24 Sep 2024 19:55

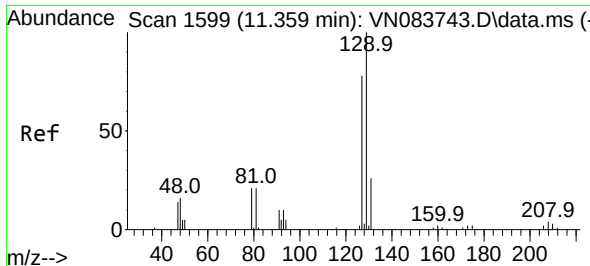
Tgt Ion: 43 Resp: 479978

Ion Ratio Lower Upper

43 100

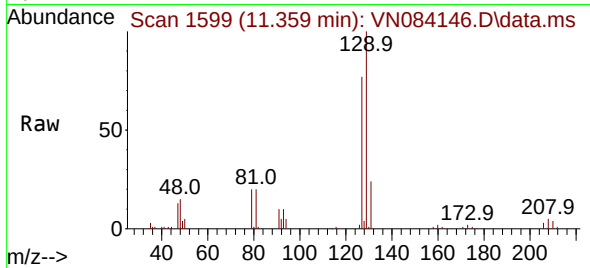
58 53.5 27.2 81.5





#60
Dibromochloromethane
Concen: 54.465 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

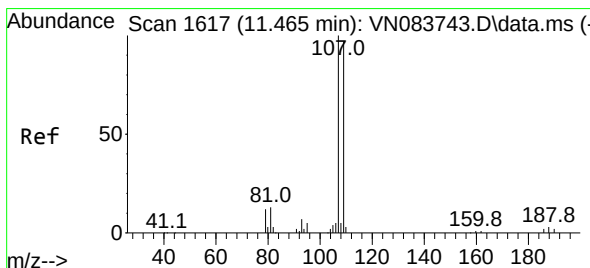
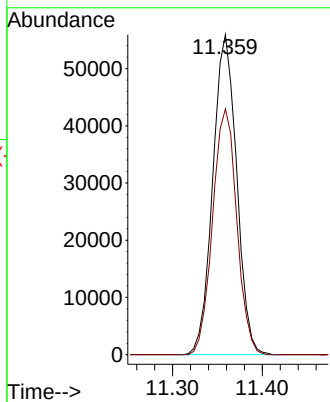
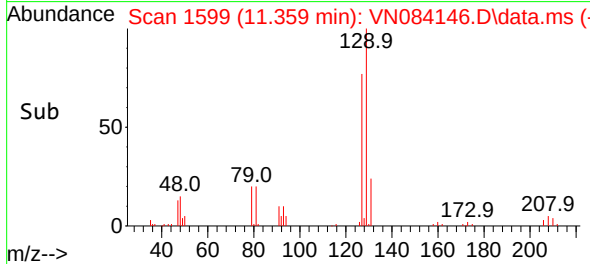
Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20240916MSD



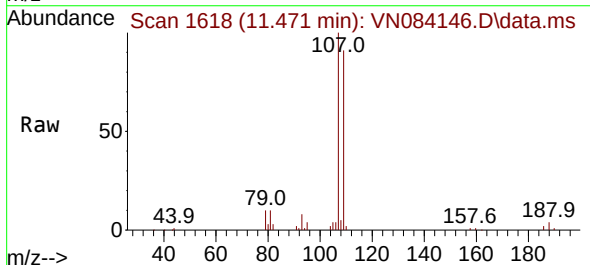
Tgt Ion:129 Resp: 103198
Ion Ratio Lower Upper
129 100
127 77.6 39.0 116.9

Manual Integrations
APPROVED

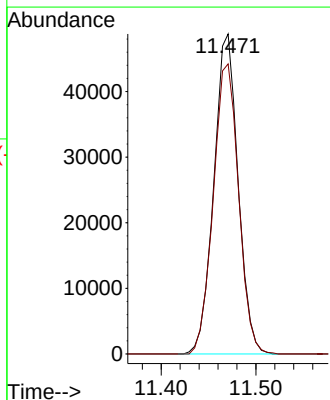
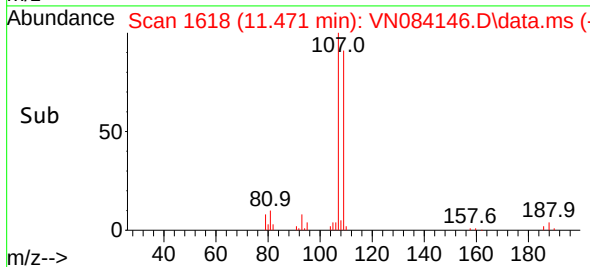
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024

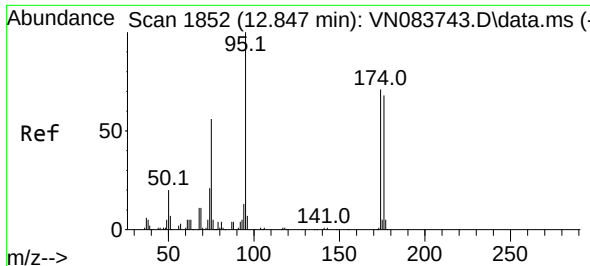


#61
1,2-Dibromoethane
Concen: 51.421 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55



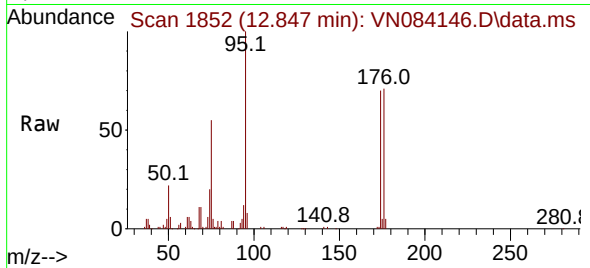
Tgt Ion:107 Resp: 86824
Ion Ratio Lower Upper
107 100
109 94.6 75.6 113.4





#62
4-Bromofluorobenzene
Concen: 45.603 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

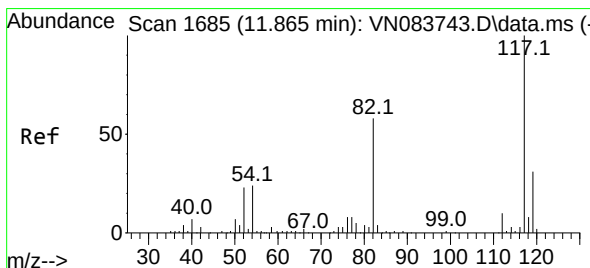
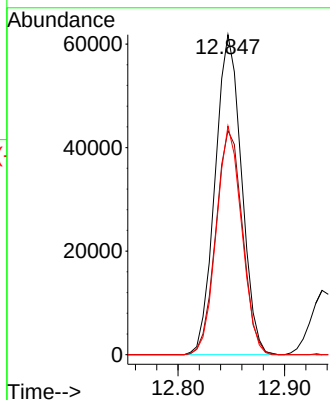
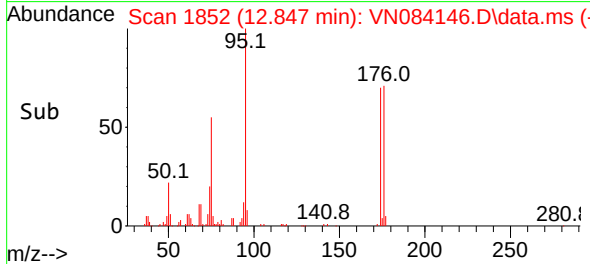
Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20240916MSD



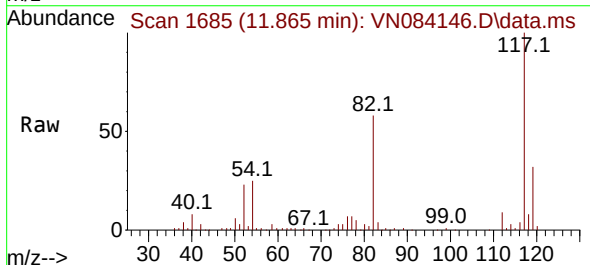
Tgt Ion: 95 Resp: 106448
Ion Ratio Lower Upper
95 100
174 70.7 0.0 139.8
176 68.4 0.0 131.4

Manual Integrations
APPROVED

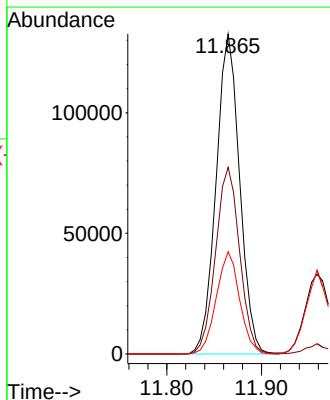
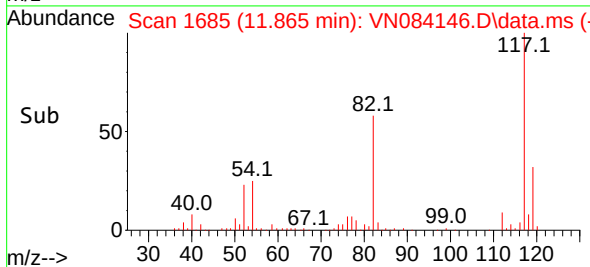
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024

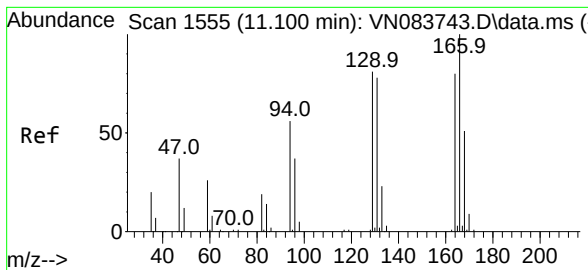


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55



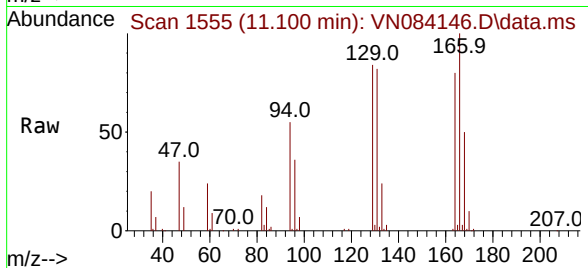
Tgt Ion:117 Resp: 229669
Ion Ratio Lower Upper
117 100
82 58.3 47.4 71.0
119 32.0 26.3 39.5





#64
Tetrachloroethene
Concen: 45.995 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

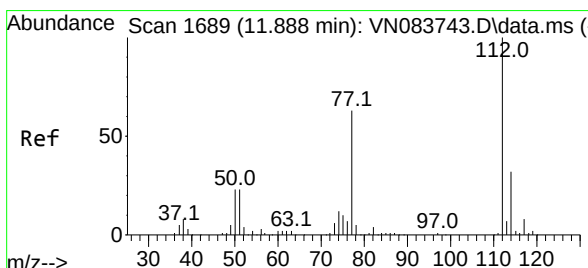
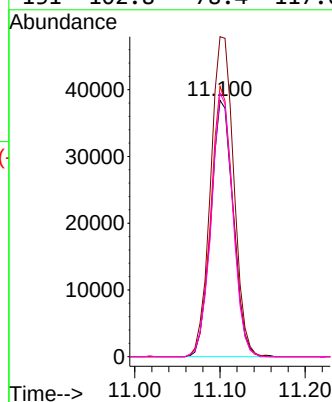
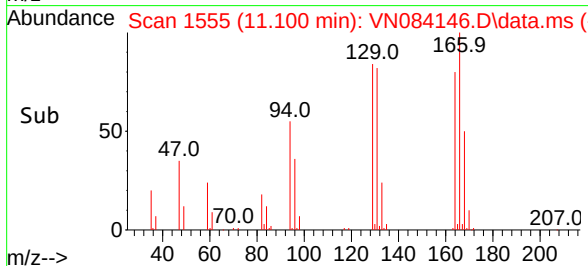
Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20240916MSD



Tgt Ion:164 Resp: 70250
Ion Ratio Lower Upper
164 100
166 124.9 103.7 155.5
129 105.5 79.9 119.9
131 102.8 78.4 117.6

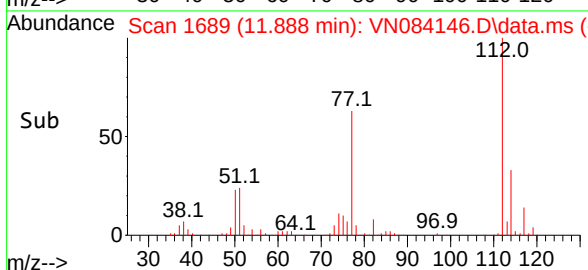
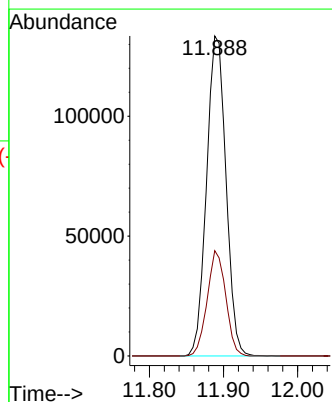
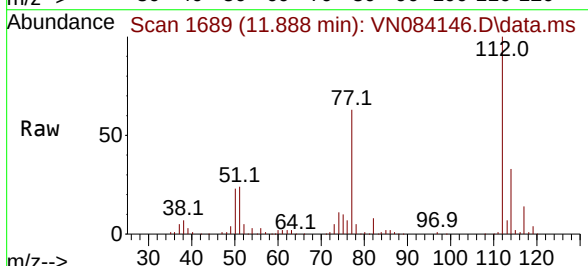
Manual Integrations
APPROVED

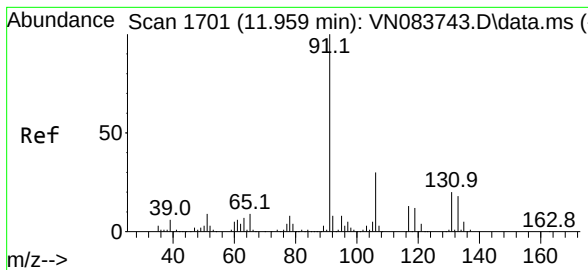
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#65
Chlorobenzene
Concen: 47.578 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

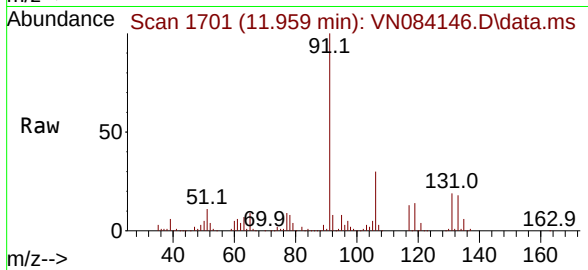
Tgt Ion:112 Resp: 242863
Ion Ratio Lower Upper
112 100
114 32.9 25.7 38.5





#66
 1,1,1,2-Tetrachloroethane
 Concen: 50.464 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: VN084146.D
 Acq: 24 Sep 2024 19:55

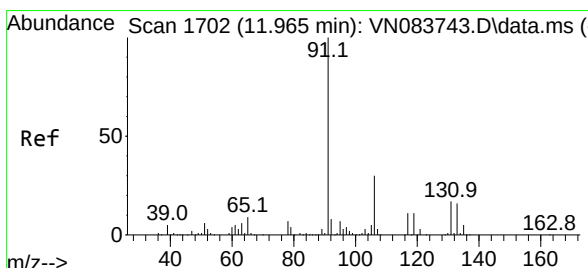
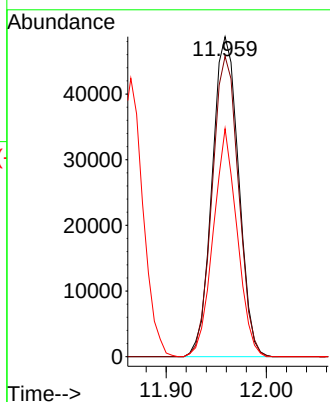
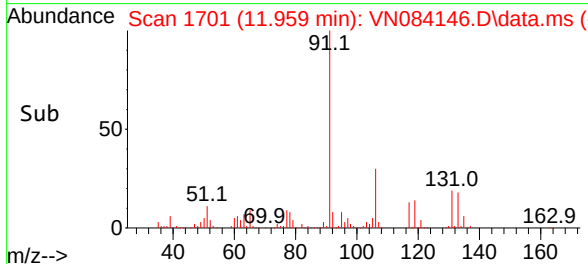
Instrument :
 MSVOA_N
 ClientSampleId :
 RE122D1-20240916MSD



Tgt Ion:131 Resp: 8930
 Ion Ratio Lower Upper
 131 100
 133 93.7 47.5 142.6
 119 64.5 31.6 94.8

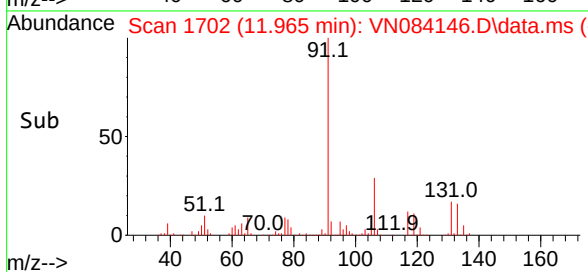
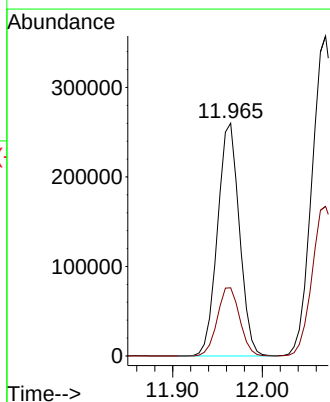
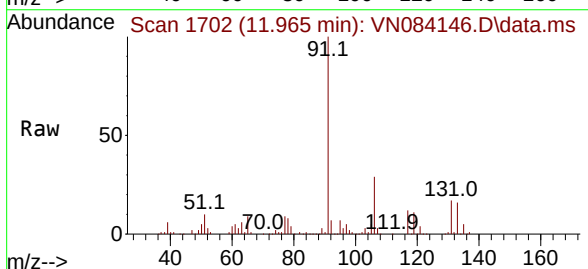
Manual Integrations
 APPROVED

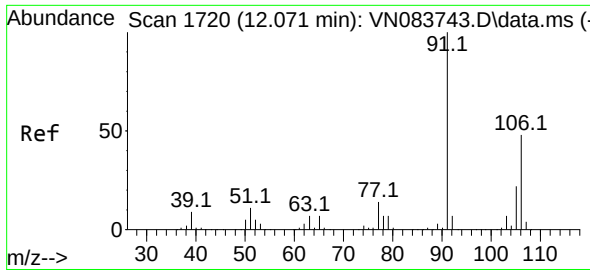
Reviewed By :John Carlone 09/25/2024
 Supervised By :Mahesh Dadoda 09/25/2024



#67
 Ethyl Benzene
 Concen: 48.496 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN084146.D
 Acq: 24 Sep 2024 19:55

Tgt Ion: 91 Resp: 439748
 Ion Ratio Lower Upper
 91 100
 106 29.3 24.3 36.5





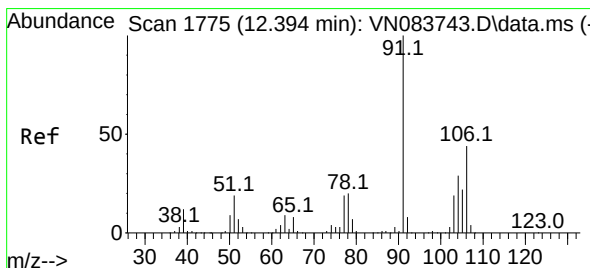
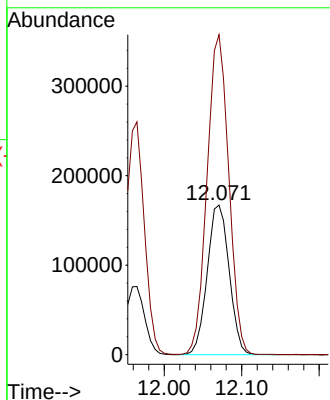
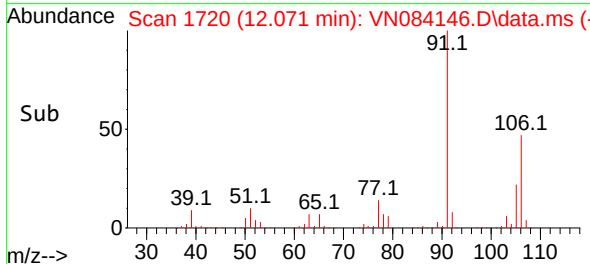
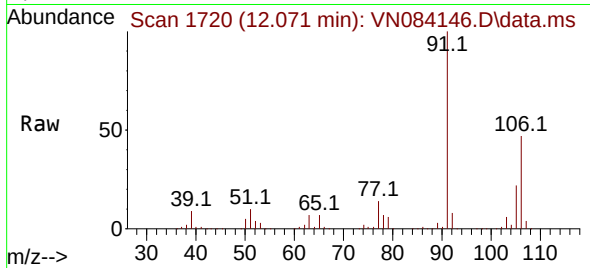
#68
m/p-Xylenes
Concen: 97.635 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20240916MSD

Tgt Ion:106 Resp: 328692
Ion Ratio Lower Upper
106 100
91 211.0 169.2 253.8

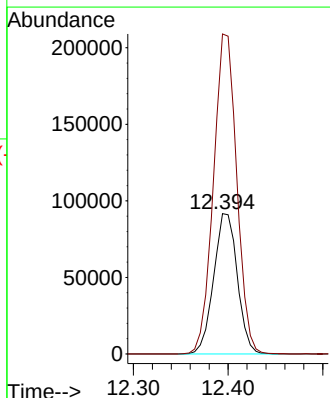
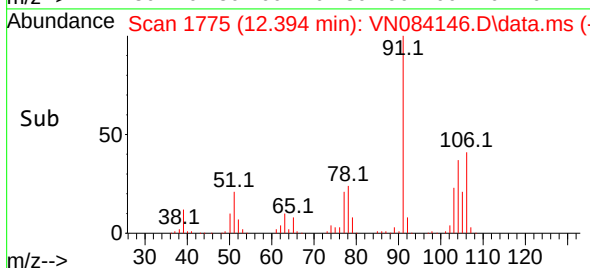
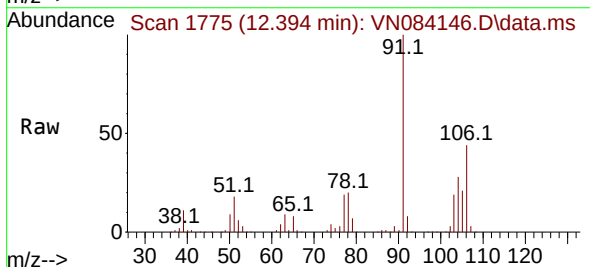
Manual Integrations
APPROVED

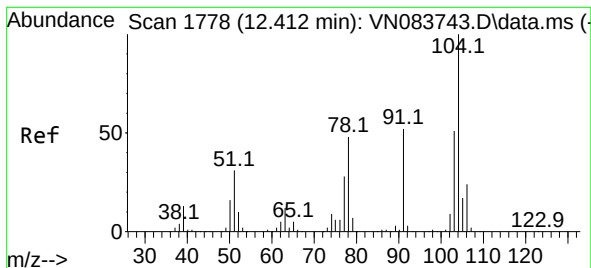
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#69
o-Xylene
Concen: 48.826 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

Tgt Ion:106 Resp: 159127
Ion Ratio Lower Upper
106 100
91 225.0 112.9 338.6





#70

Styrene

Concen: 52.145 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084146.D

Acq: 24 Sep 2024 19:55

Instrument :

MSVOA_N

ClientSampleId :

RE122D1-20240916MSD

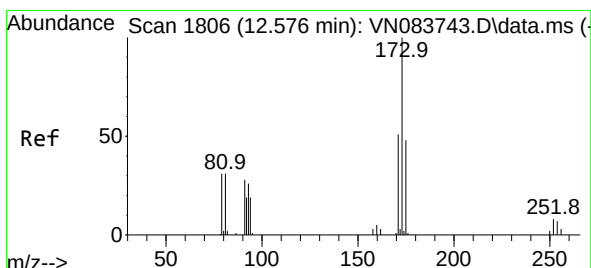
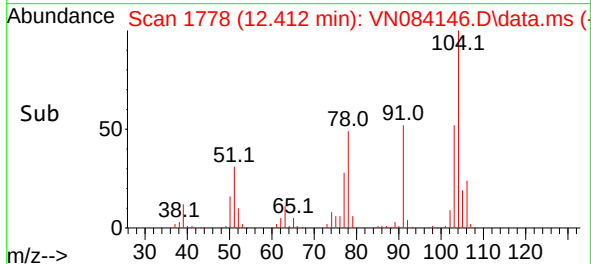
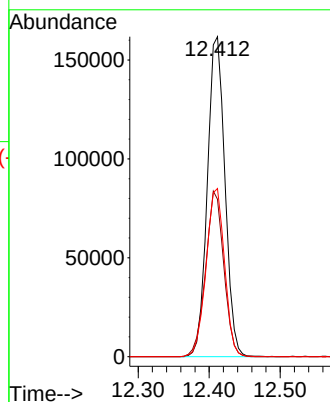
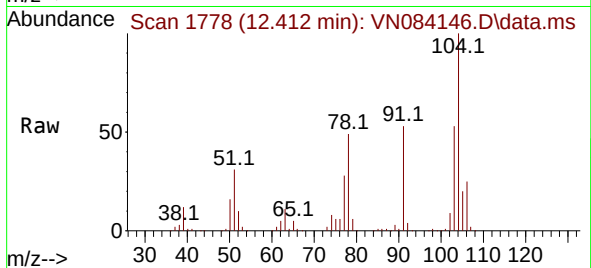
Tgt Ion:104 Resp: 27890
 Ion Ratio Lower Upper
 104 100
 78 53.6 43.3 64.9
 103 55.0 43.4 65.2

Manual Integrations

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Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#71

Bromoform

Concen: 55.885 ug/l

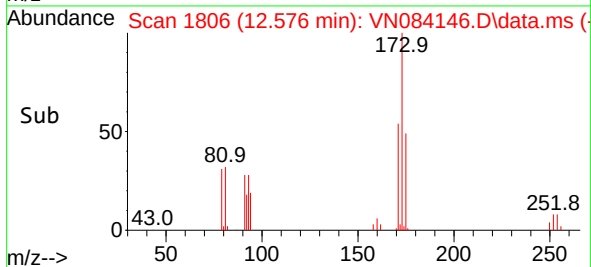
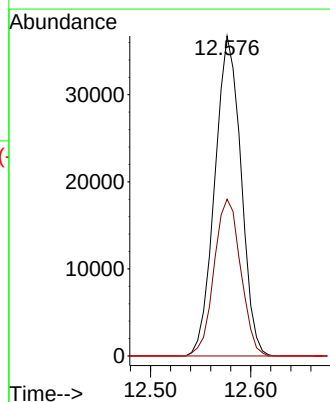
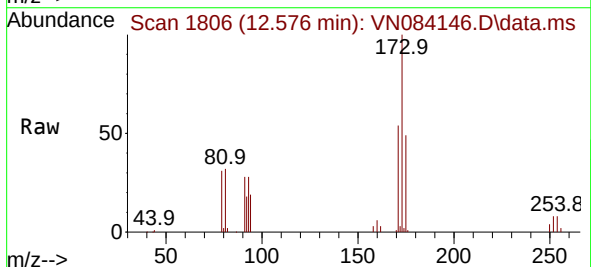
RT: 12.576 min Scan# 1806

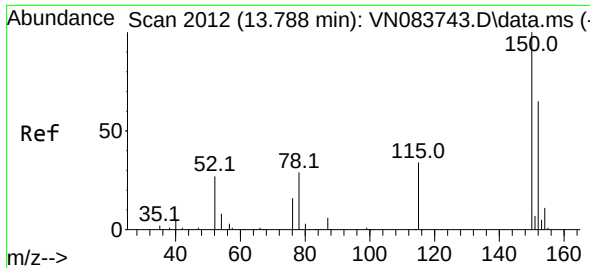
Delta R.T. -0.000 min

Lab File: VN084146.D

Acq: 24 Sep 2024 19:55

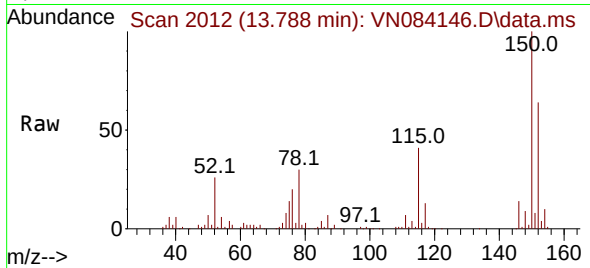
Tgt Ion:173 Resp: 66641
 Ion Ratio Lower Upper
 173 100
 175 49.8 24.1 72.2
 254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

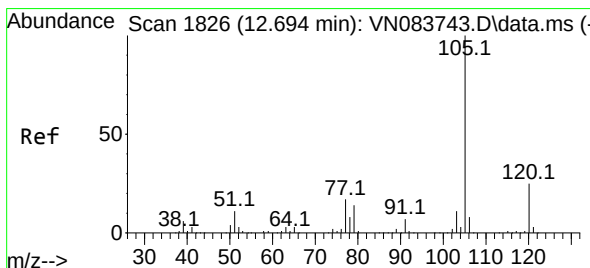
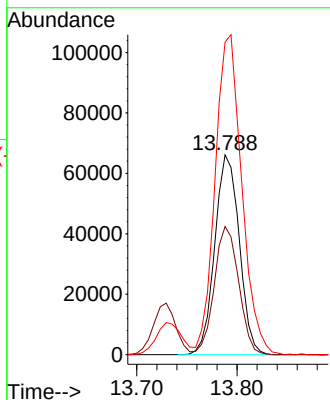
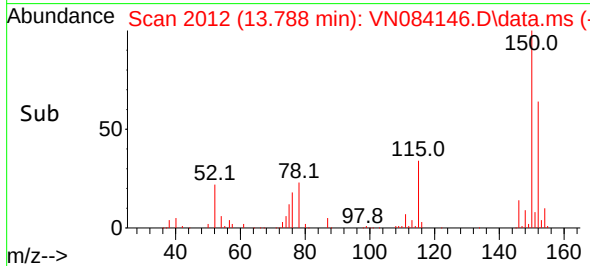
Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20240916MSD



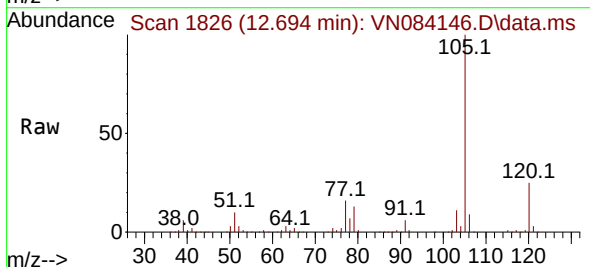
Tgt Ion:152 Resp: 112135
Ion Ratio Lower Upper
152 100
115 64.1 32.2 96.6
150 174.0 0.0 348.6

Manual Integrations
APPROVED

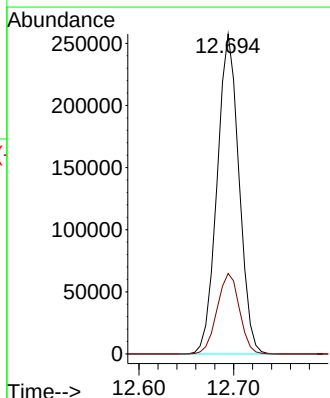
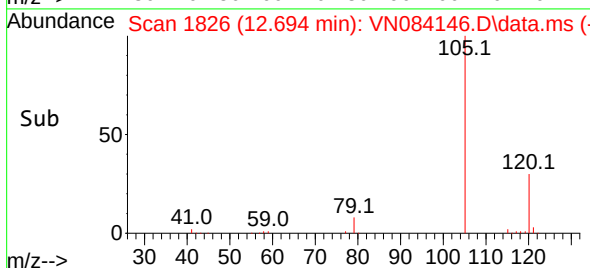
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024

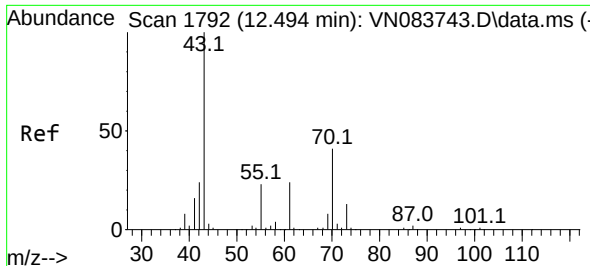


#73
Isopropylbenzene
Concen: 47.685 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55



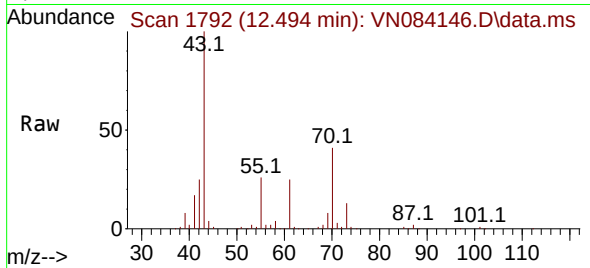
Tgt Ion:105 Resp: 413686
Ion Ratio Lower Upper
105 100
120 25.7 12.6 37.8





#74
N-amy1 acetate
Concen: 49.031 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

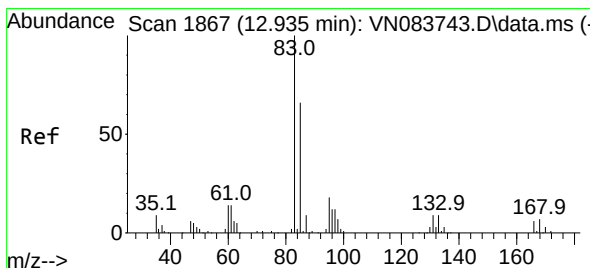
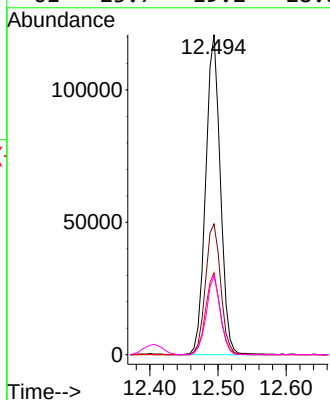
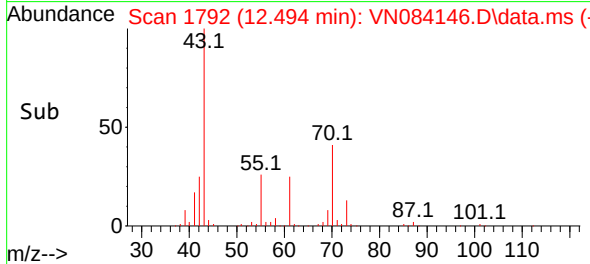
Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20240916MSD



Tgt Ion: 43 Resp: 181485
Ion Ratio Lower Upper
43 100
70 42.0 34.5 51.7
55 25.3 18.6 28.0
61 23.7 19.2 28.8

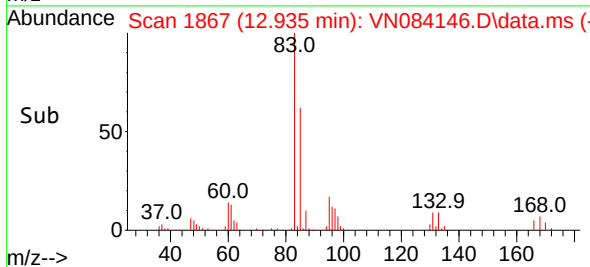
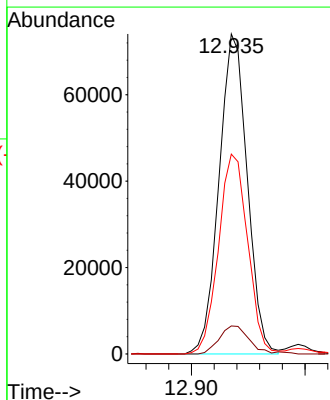
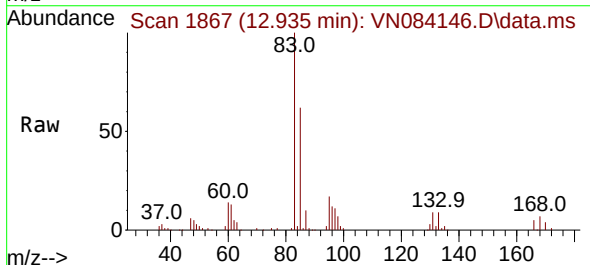
Manual Integrations
APPROVED

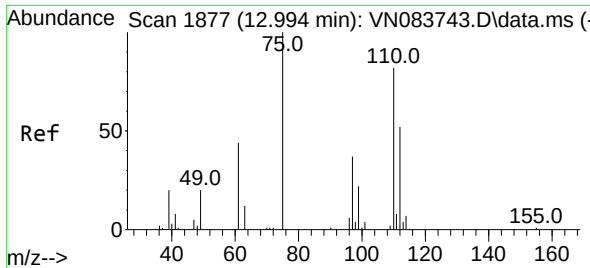
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#75
1,1,2,2-Tetrachloroethane
Concen: 50.069 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

Tgt Ion: 83 Resp: 127627
Ion Ratio Lower Upper
83 100
131 9.4 5.2 15.6
85 64.6 31.9 95.9





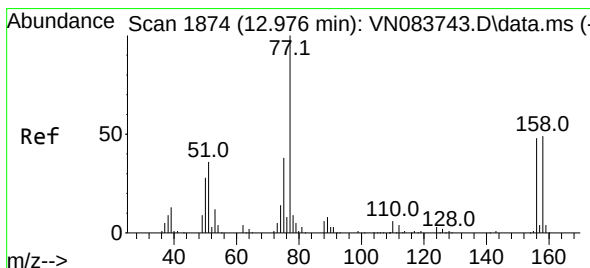
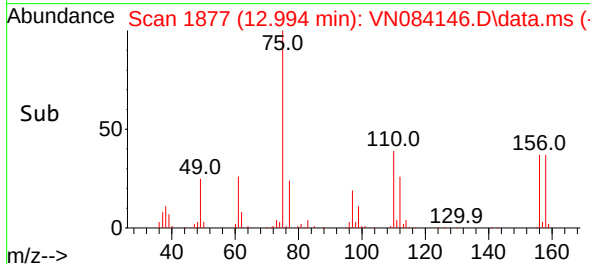
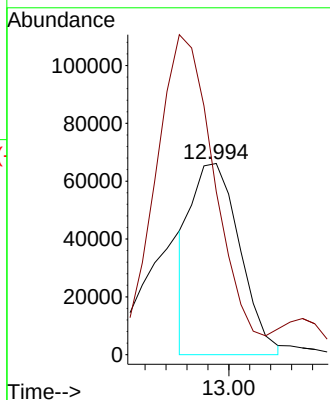
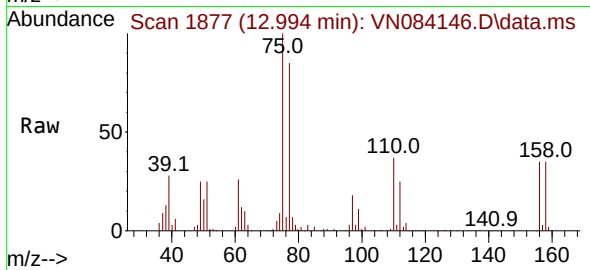
#76
1,2,3-Trichloropropane
Concen: 47.064 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20240916MSD

Tgt Ion: 75 Resp: 106490
Ion Ratio Lower Upper
75 100
77 207.8 95.2 285.6

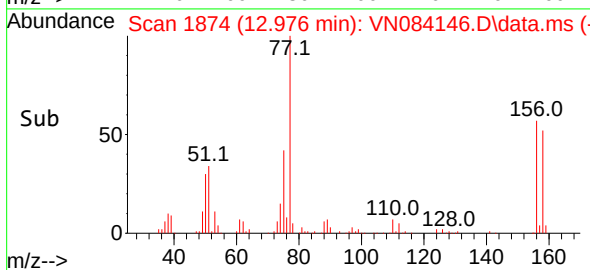
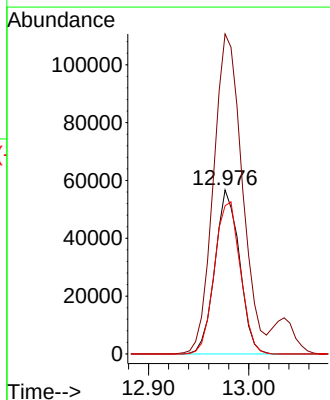
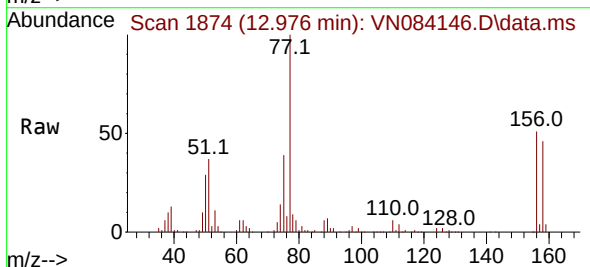
Manual Integrations
APPROVED

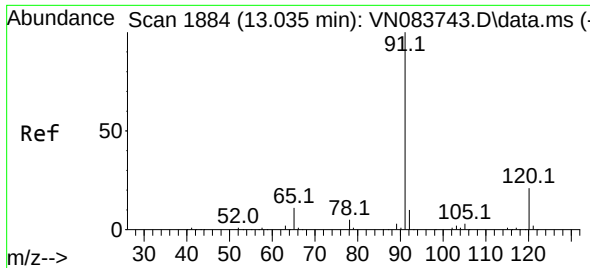
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#77
Bromobenzene
Concen: 46.230 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

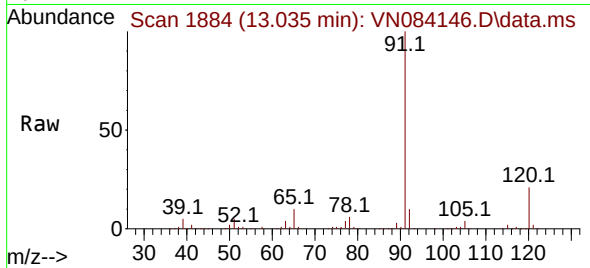
Tgt Ion:156 Resp: 96541
Ion Ratio Lower Upper
156 100
77 229.2 114.3 343.1
158 97.5 48.9 146.7





#78
n-propylbenzene
Concen: 48.894 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

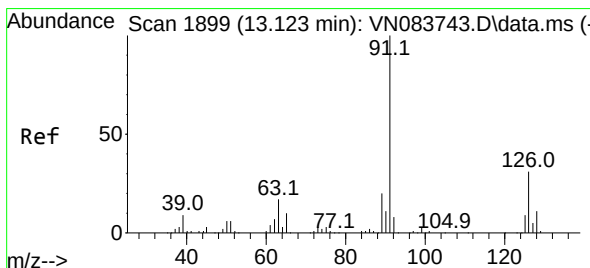
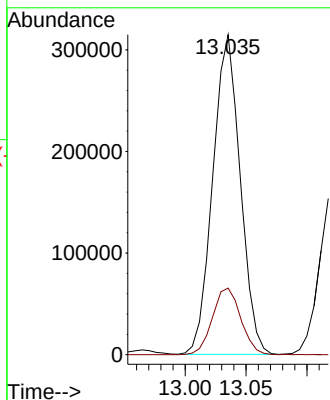
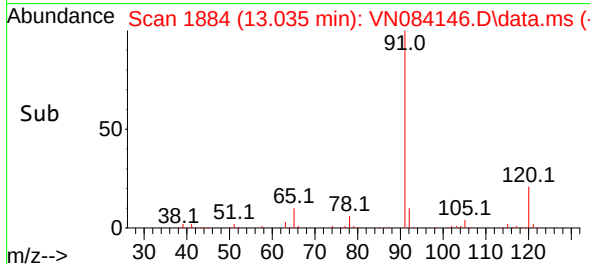
Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20240916MSD



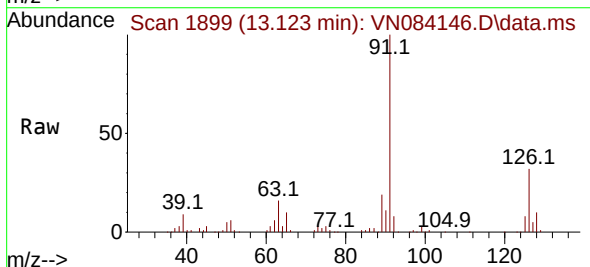
Tgt Ion: 91 Resp: 493540
Ion Ratio Lower Upper
91 100
120 21.5 11.0 33.0

Manual Integrations
APPROVED

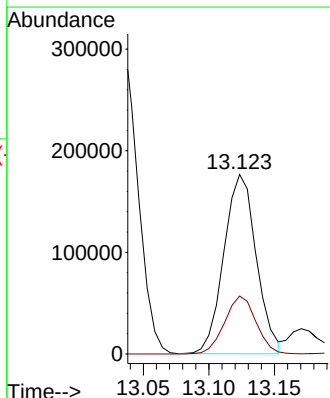
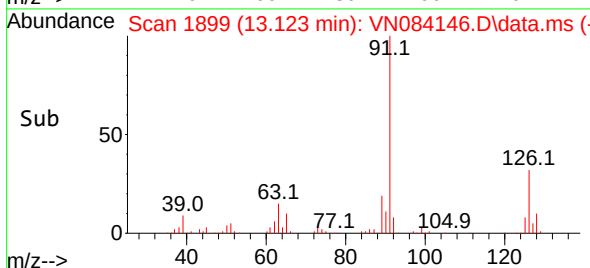
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024

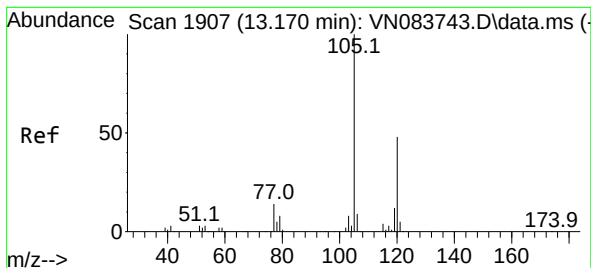


#79
2-Chlorotoluene
Concen: 47.178 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55



Tgt Ion: 91 Resp: 303705
Ion Ratio Lower Upper
91 100
126 31.3 15.4 46.2





#80

1,3,5-Trimethylbenzene

Concen: 47.336 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084146.D

Acq: 24 Sep 2024 19:55

Instrument :

MSVOA_N

ClientSampleId :

RE122D1-20240916MSD

Tgt Ion:105 Resp: 34623

Ion Ratio Lower Upper

105 100

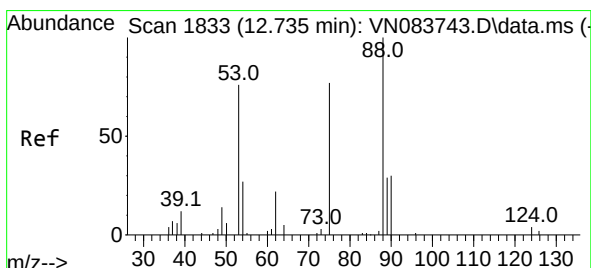
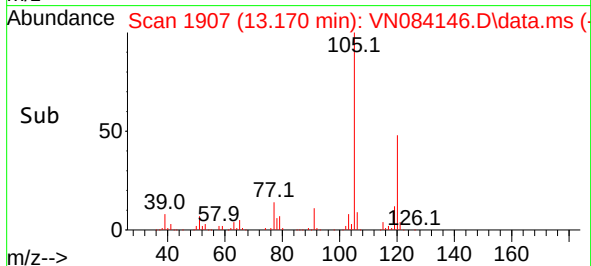
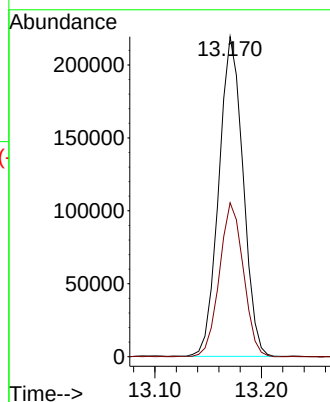
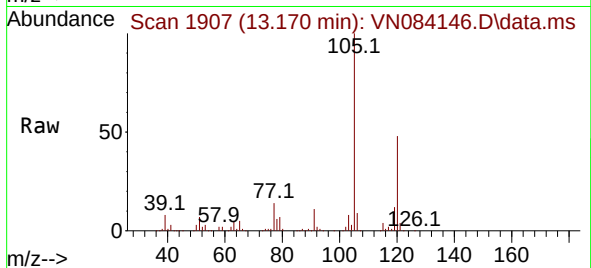
120 47.5 23.4 70.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#81

trans-1,4-Dichloro-2-butene

Concen: 48.781 ug/l

RT: 12.735 min Scan# 1833

Delta R.T. -0.000 min

Lab File: VN084146.D

Acq: 24 Sep 2024 19:55

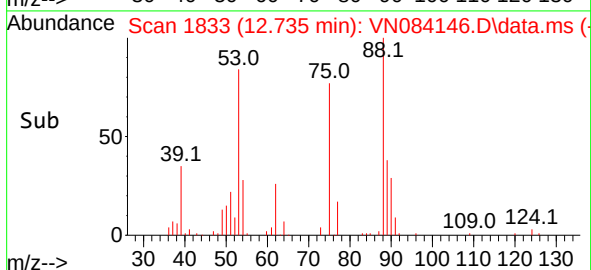
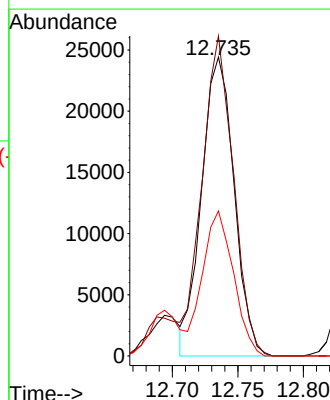
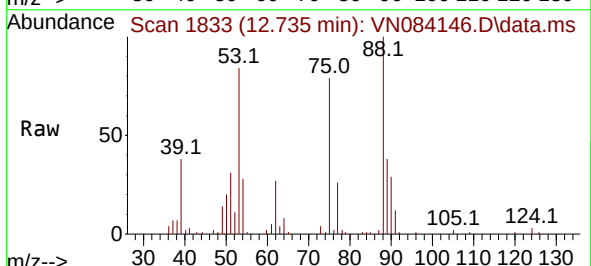
Tgt Ion: 75 Resp: 42143

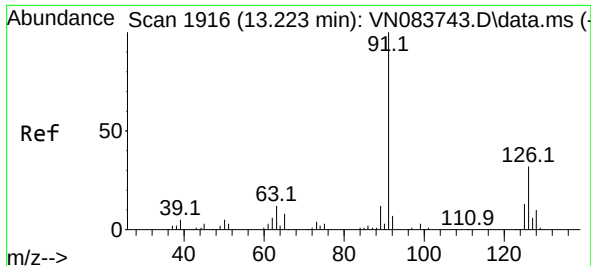
Ion Ratio Lower Upper

75 100

53 103.1 81.2 121.8

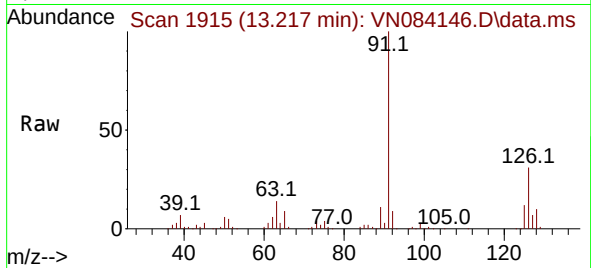
89 45.7 35.7 53.5





#82
4-Chlorotoluene
Concen: 47.793 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

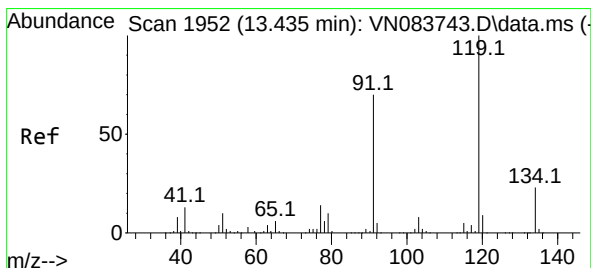
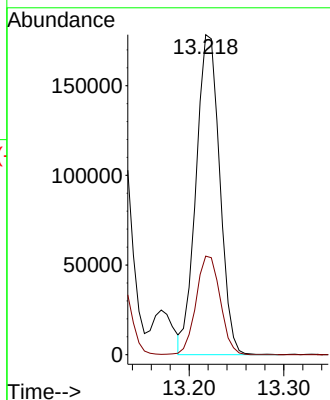
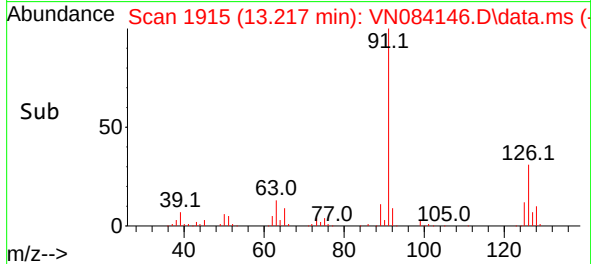
Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20240916MSD



Tgt Ion: 91 Resp: 308744
Ion Ratio Lower Upper
91 100
126 31.4 15.4 46.2

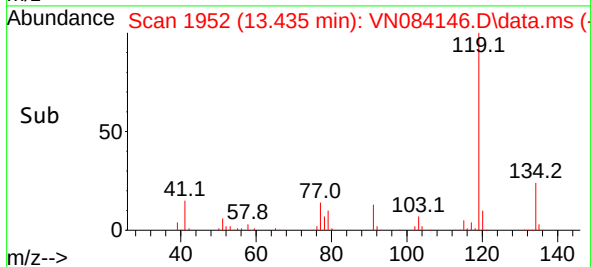
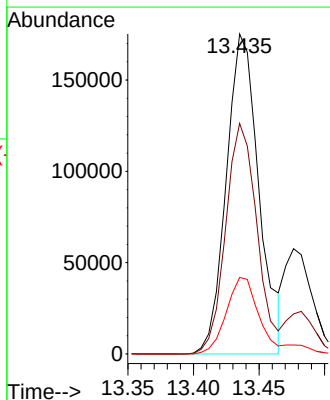
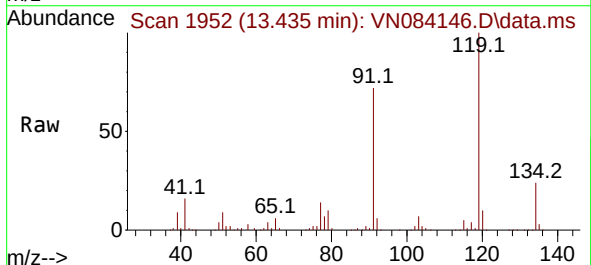
Manual Integrations
APPROVED

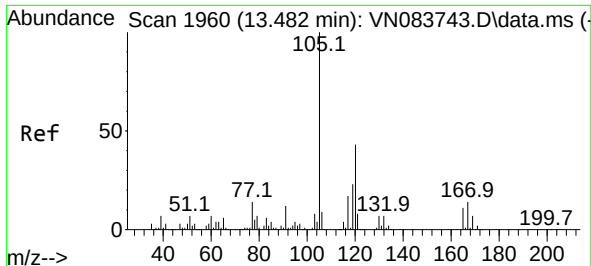
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#83
tert-Butylbenzene
Concen: 47.358 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

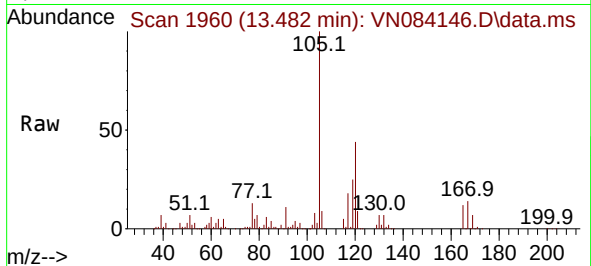
Tgt Ion:119 Resp: 303056
Ion Ratio Lower Upper
119 100
91 69.2 34.5 103.6
134 25.8 12.8 38.4





#84
1,2,4-Trimethylbenzene
Concen: 48.665 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

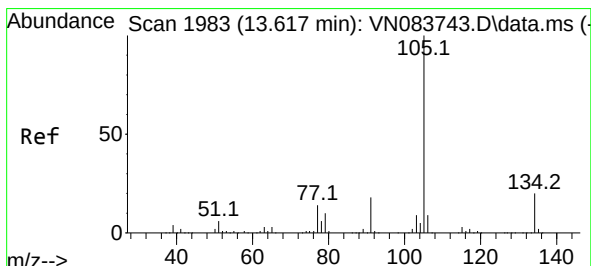
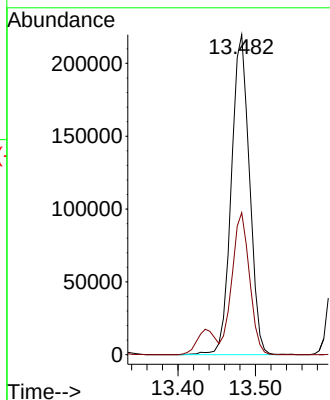
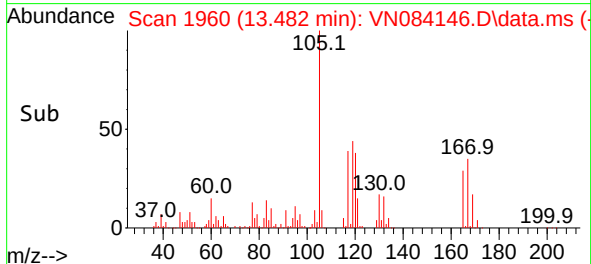
Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20240916MSD



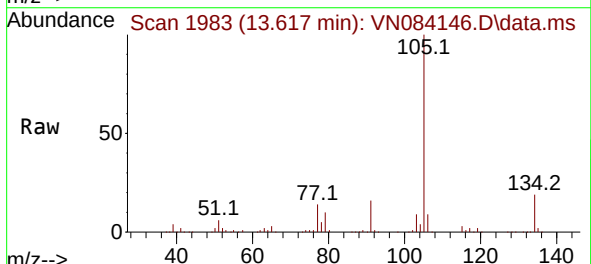
Tgt Ion:105 Resp: 357554
Ion Ratio Lower Upper
105 100
120 43.0 21.8 65.4

Manual Integrations
APPROVED

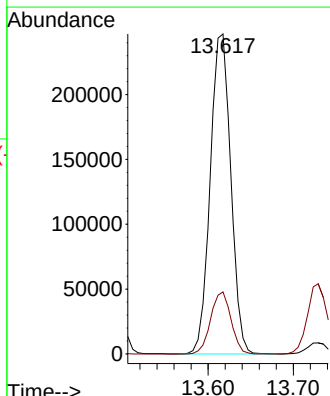
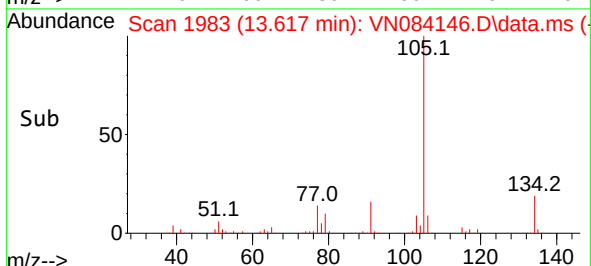
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024

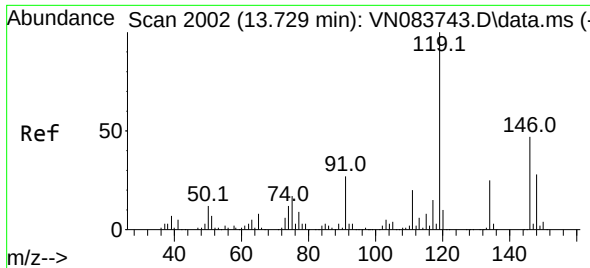


#85
sec-Butylbenzene
Concen: 48.744 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55



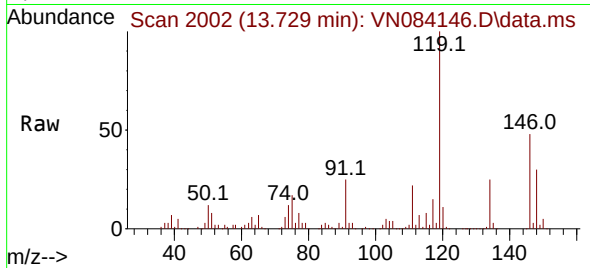
Tgt Ion:105 Resp: 413674
Ion Ratio Lower Upper
105 100
134 19.1 9.7 29.1





#86
p-Isopropyltoluene
Concen: 47.958 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

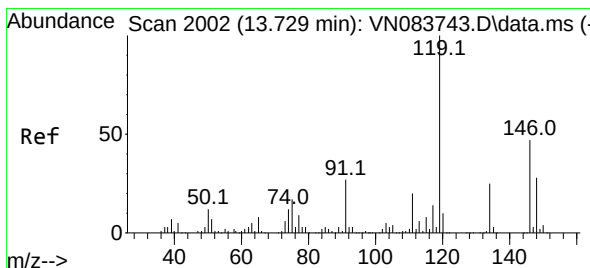
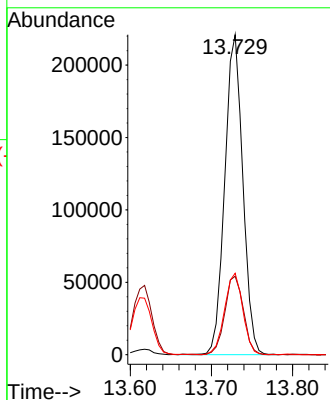
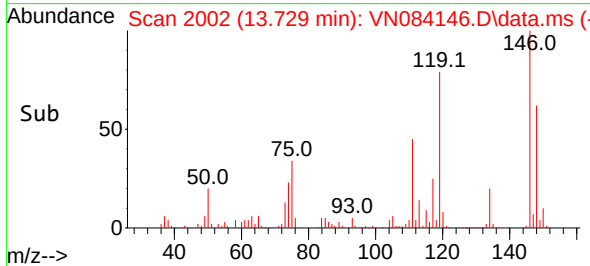
Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20240916MSD



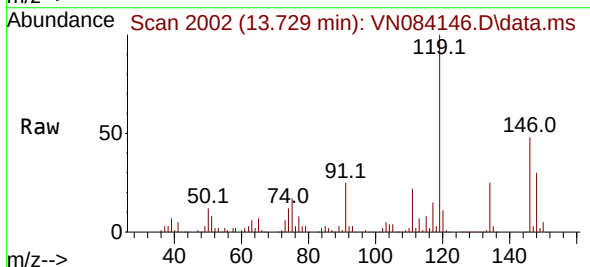
Tgt Ion:119 Resp: 341184
Ion Ratio Lower Upper
119 100
134 25.2 12.8 38.3
91 25.7 12.9 38.7

Manual Integrations
APPROVED

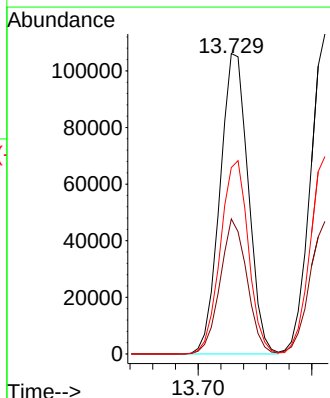
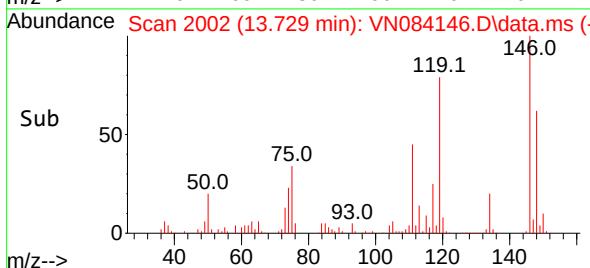
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024

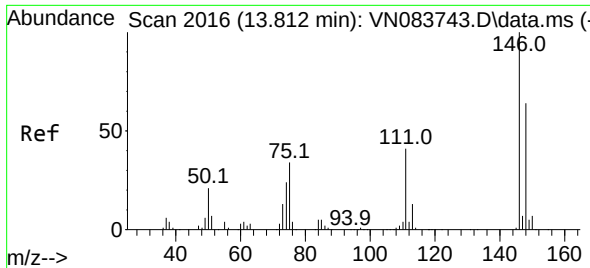


#87
1,3-Dichlorobenzene
Concen: 46.618 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55



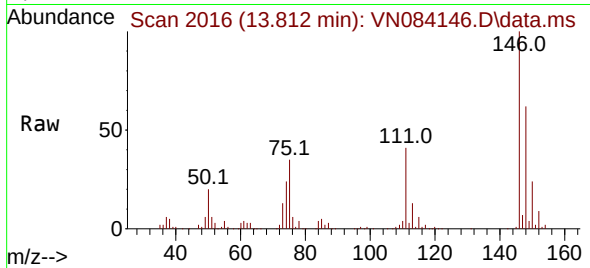
Tgt Ion:146 Resp: 183728
Ion Ratio Lower Upper
146 100
111 42.7 21.7 65.1
148 63.7 31.7 95.1





#88
1,4-Dichlorobenzene
Concen: 46.327 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

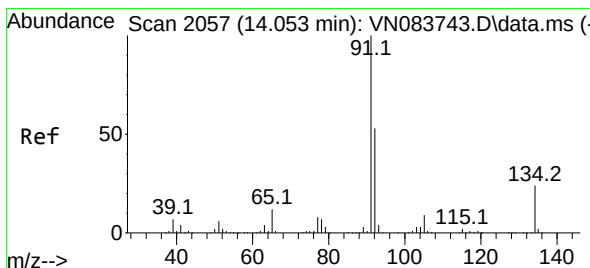
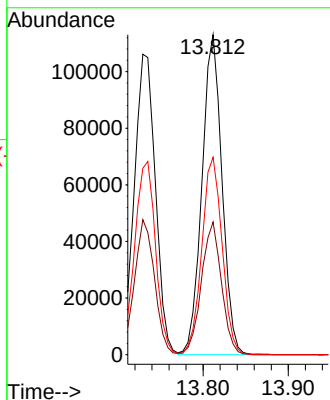
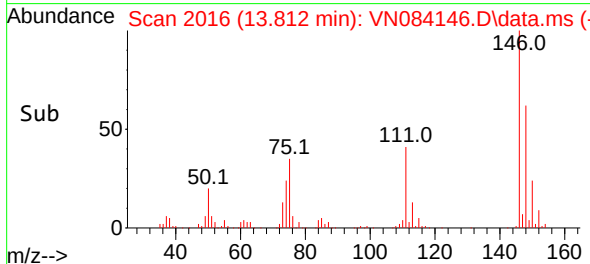
Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20240916MSD



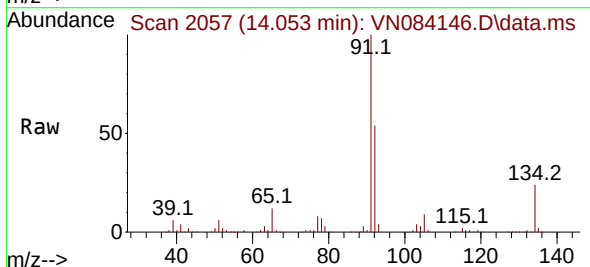
Tgt Ion:146 Resp: 184874
Ion Ratio Lower Upper
146 100
111 41.5 21.3 64.0
148 62.4 32.0 96.2

Manual Integrations
APPROVED

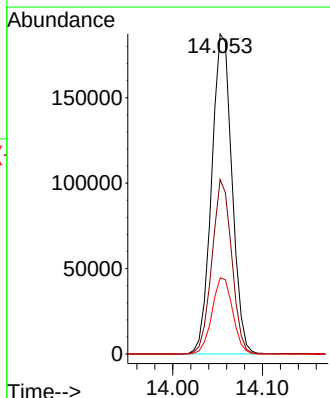
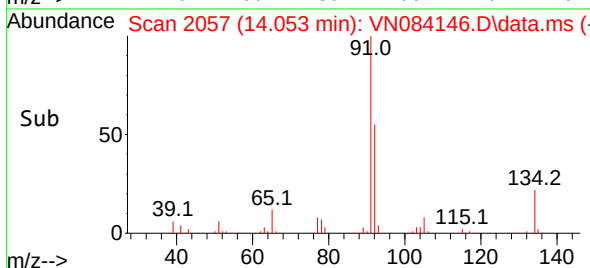
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024

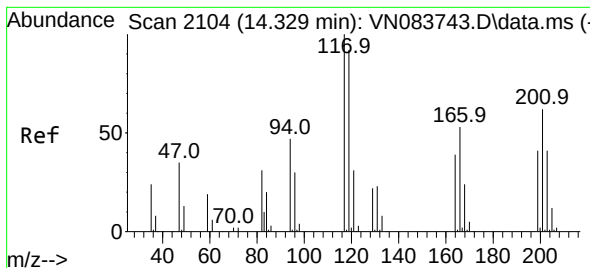


#89
n-Butylbenzene
Concen: 46.273 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55



Tgt Ion: 91 Resp: 295565
Ion Ratio Lower Upper
91 100
92 52.8 26.7 80.1
134 24.1 12.2 36.4





#90

Hexachloroethane

Concen: 47.256 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.006 min

Lab File: VN084146.D

Acq: 24 Sep 2024 19:55

Instrument :

MSVOA_N

ClientSampleId :

RE122D1-20240916MSD

Tgt Ion:117 Resp: 67580

Ion Ratio Lower Upper

117 100

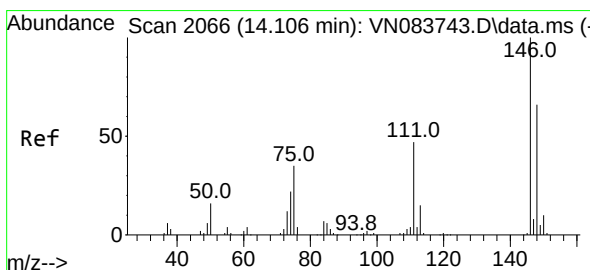
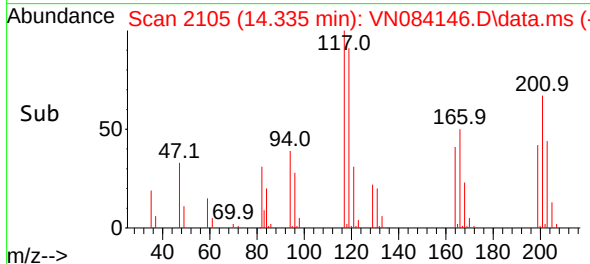
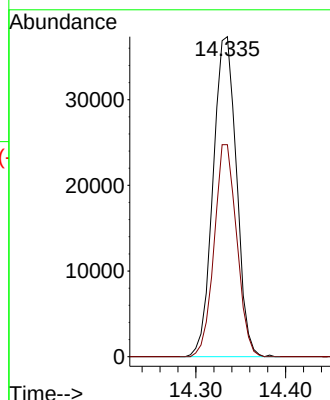
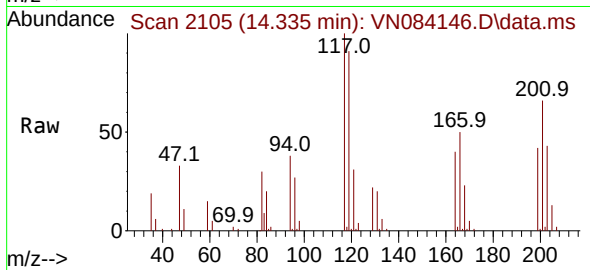
201 64.0 32.8 98.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#91

1,2-Dichlorobenzene

Concen: 47.129 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN084146.D

Acq: 24 Sep 2024 19:55

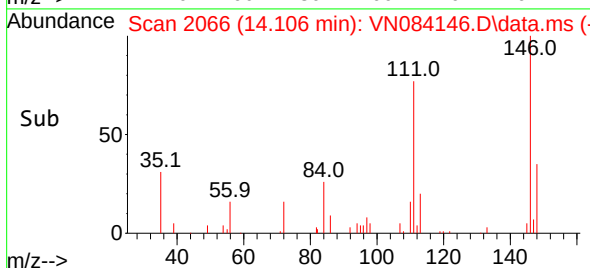
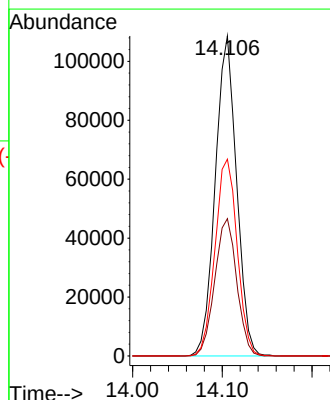
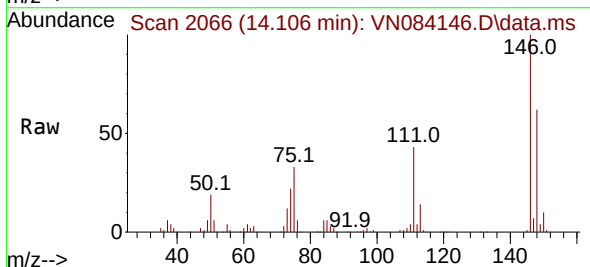
Tgt Ion:146 Resp: 179257

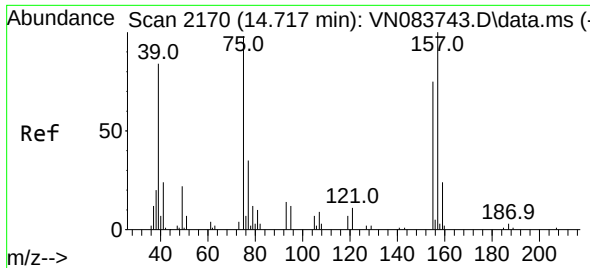
Ion Ratio Lower Upper

146 100

111 44.3 22.8 68.3

148 64.0 32.1 96.5





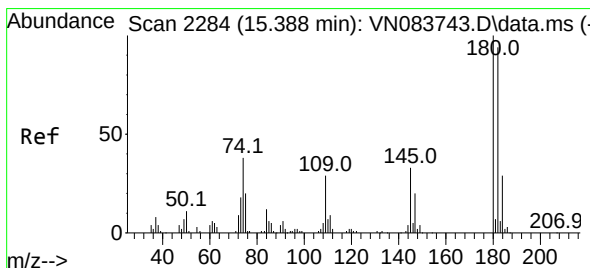
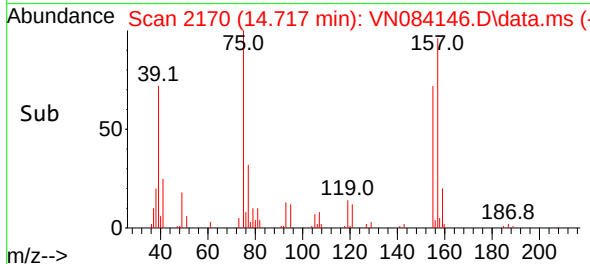
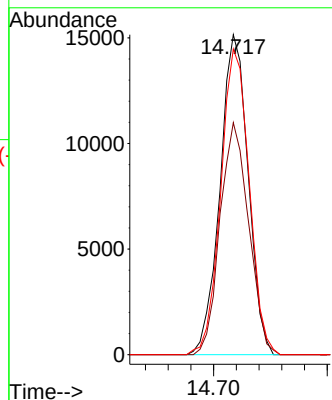
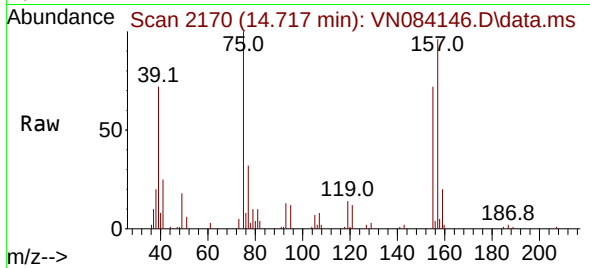
#92
1,2-Dibromo-3-Chloropropane
Concen: 51.292 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20240916MSD

Tgt Ion: 75 Resp: 2606
Ion Ratio Lower Upper
75 100
155 73.9 35.9 107.7
157 96.3 47.5 142.5

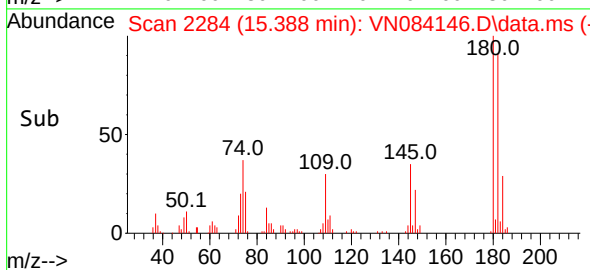
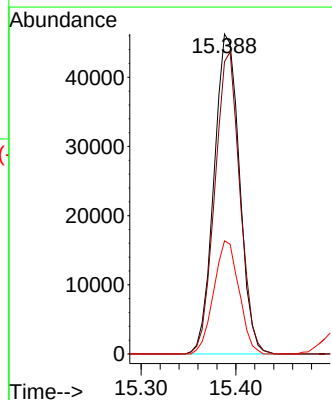
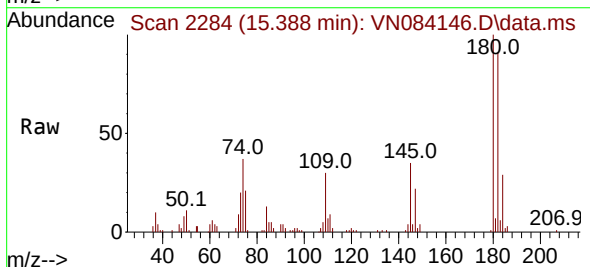
Manual Integrations
APPROVED

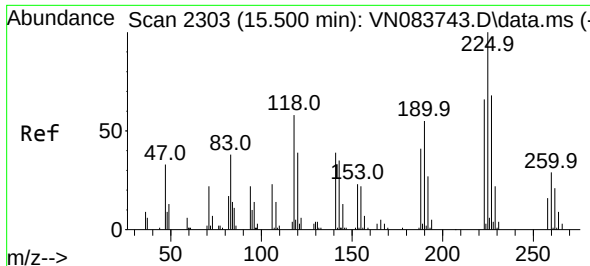
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#93
1,2,4-Trichlorobenzene
Concen: 42.191 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

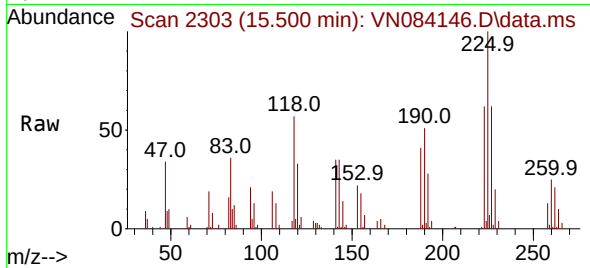
Tgt Ion:180 Resp: 86115
Ion Ratio Lower Upper
180 100
182 92.8 48.1 144.3
145 35.2 16.9 50.7





#94
Hexachlorobutadiene
Concen: 41.944 ug/l
RT: 15.500 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55

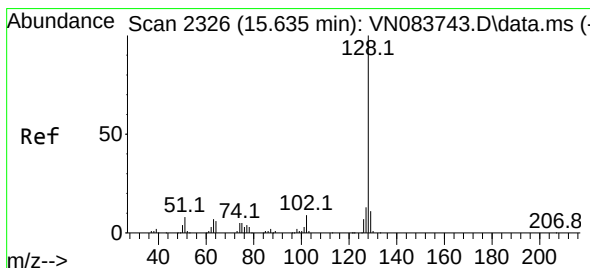
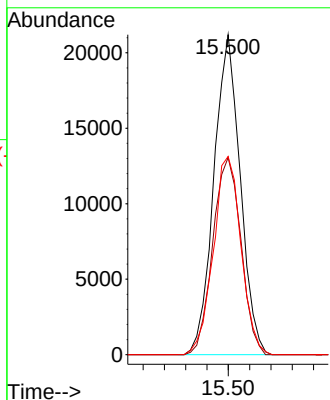
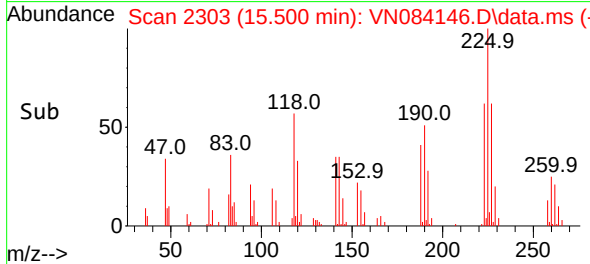
Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20240916MSD



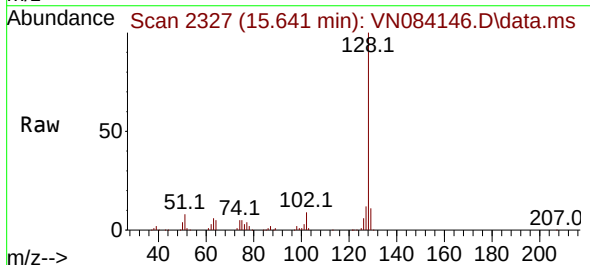
Tgt Ion:225 Resp: 3635
Ion Ratio Lower Upper
225 100
223 65.6 31.9 95.5
227 65.2 32.0 96.2

Manual Integrations
APPROVED

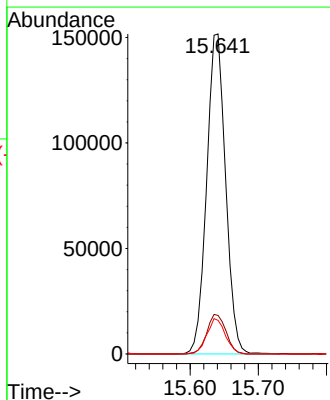
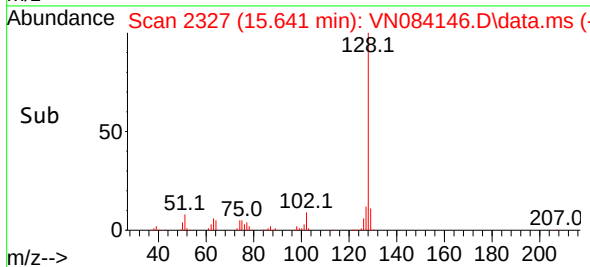
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024

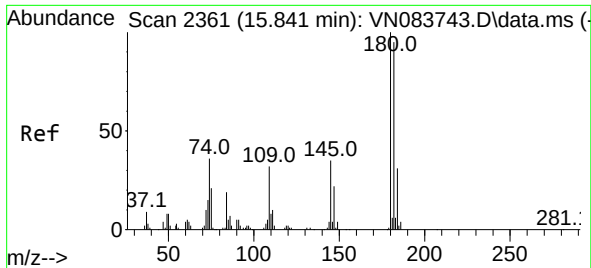


#95
Naphthalene
Concen: 47.302 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN084146.D
Acq: 24 Sep 2024 19:55



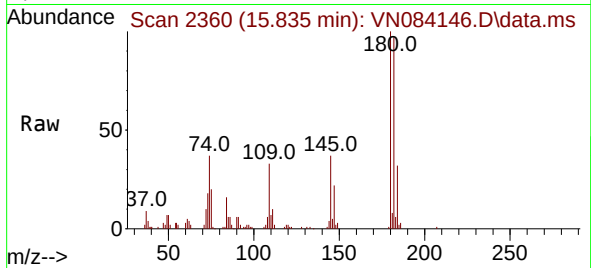
Tgt Ion:128 Resp: 293726
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 10.7 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 43.877 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN084146.D
 Acq: 24 Sep 2024 19:55

Instrument :
 MSVOA_N
 ClientSampleId :
 RE122D1-20240916MSD



Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.1	141.4
145	35.9	17.8	53.5

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/25/2024
 Supervised By :Mahesh Dadoda 09/25/2024

