

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022824\
 Data File : VN081245.D
 Acq On : 28 Feb 2024 16:05
 Operator : JC\MD
 Sample : VN0228WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/29/2024
 Supervised By : Mahesh Dadoda 02/29/2024

Quant Time: Feb 28 23:27:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	246950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	468834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	421687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	188958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	159585	52.722	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.440%			
35) Dibromofluoromethane	8.171	113	139249	52.525	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.040%			
50) Toluene-d8	10.571	98	440332	46.764	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.520%			
62) 4-Bromofluorobenzene	12.853	95	171538	48.483	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.960%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	65330	20.456	ug/l	97
3) Chloromethane	2.359	50	64266	17.680	ug/l	92
4) Vinyl Chloride	2.518	62	72432	20.418	ug/l	98
5) Bromomethane	2.965	94	47282	18.766	ug/l	96
6) Chloroethane	3.124	64	49435	21.043	ug/l	99
7) Trichlorofluoromethane	3.500	101	105697	20.395	ug/l	99
8) Diethyl Ether	3.965	74	36494	19.261	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	59083	20.451	ug/l	91
10) Methyl Iodide	4.595	142	51279	15.901	ug/l	98
11) Tert butyl alcohol	5.524	59	65707	118.037	ug/l	99
12) 1,1-Dichloroethene	4.342	96	53384	19.116	ug/l	96
13) Acrolein	4.183	56	22403	75.087	ug/l	93
14) Allyl chloride	5.018	41	79861	19.273	ug/l #	94
15) Acrylonitrile	5.718	53	172710	118.797	ug/l	97
16) Acetone	4.430	43	141798	119.055	ug/l	97
17) Carbon Disulfide	4.706	76	123109	15.805	ug/l	99
18) Methyl Acetate	5.024	43	83580	28.767	ug/l	94
19) Methyl tert-butyl Ether	5.800	73	201559	21.073	ug/l	99
20) Methylene Chloride	5.283	84	68690	21.769	ug/l	86
21) trans-1,2-Dichloroethene	5.789	96	61465	19.727	ug/l	98
22) Diisopropyl ether	6.671	45	203483	21.648	ug/l	96
23) Vinyl Acetate	6.606	43	796231	104.406	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	118044	21.719	ug/l	95
25) 2-Butanone	7.483	43	228584	118.798	ug/l	96
26) 2,2-Dichloropropane	7.494	77	100460	19.727	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	72532	20.036	ug/l	89
28) Bromochloromethane	7.812	49	56787	25.203	ug/l #	69
29) Tetrahydrofuran	7.841	42	153817	119.753	ug/l	89
30) Chloroform	7.965	83	129394	22.395	ug/l	100
31) Cyclohexane	8.259	56	99092	18.959	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	114934	21.842	ug/l	89
36) 1,1-Dichloropropene	8.377	75	86311	19.003	ug/l	98
37) Ethyl Acetate	7.559	43	94622	23.083	ug/l	99
38) Carbon Tetrachloride	8.365	117	93503	20.348	ug/l	96
39) Methylcyclohexane	9.606	83	97277	18.373	ug/l	88
40) Benzene	8.606	78	270900	20.606	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	50596	21.688	ug/l	97
42) 1,2-Dichloroethane	8.677	62	99509	21.695	ug/l	99
43) Isopropyl Acetate	8.694	43	155727	21.722	ug/l #	96
44) Trichloroethene	9.353	130	67145	19.176	ug/l	93
45) 1,2-Dichloropropane	9.624	63	69910	21.259	ug/l	92
46) Dibromomethane	9.712	93	49425	20.627	ug/l	94
47) Bromodichloromethane	9.888	83	97320	21.445	ug/l #	96
48) Methyl methacrylate	9.682	41	70161	21.032	ug/l	88
49) 1,4-Dioxane	9.700	88	30911	482.903	ug/l #	74
51) 4-Methyl-2-Pentanone	10.447	43	498835	120.958	ug/l	96
52) Toluene	10.635	92	169639	20.383	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	99384	19.708	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	107233	19.681	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	69528	21.720	ug/l	96
56) Ethyl methacrylate	10.876	69	101649	20.777	ug/l	89
57) 1,3-Dichloropropane	11.171	76	121094	21.878	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	245134	99.864	ug/l #	88
59) 2-Hexanone	11.200	43	375869	114.961	ug/l	97
60) Dibromochloromethane	11.365	129	68721	20.208	ug/l	97
61) 1,2-Dibromoethane	11.476	107	70990	21.089	ug/l	97
64) Tetrachloroethene	11.106	164	61384	21.329	ug/l	95
65) Chlorobenzene	11.894	112	180541	19.782	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	64996	19.828	ug/l	96
67) Ethyl Benzene	11.965	91	319604	19.570	ug/l	98
68) m/p-Xylenes	12.076	106	241487	38.578	ug/l	95
69) o-Xylene	12.406	106	119477	19.255	ug/l	94
70) Styrene	12.412	104	195124	19.845	ug/l	97
71) Bromoform	12.582	173	45474	21.865	ug/l #	97
73) Isopropylbenzene	12.700	105	310137	18.759	ug/l	98
74) N-amyl acetate	12.494	43	129973	18.601	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	101411	21.814	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	83108m	19.358	ug/l	
77) Bromobenzene	12.982	156	70840	19.217	ug/l	81
78) n-propylbenzene	13.041	91	369494	19.414	ug/l	98
79) 2-Chlorotoluene	13.129	91	221987	19.016	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	263760	19.677	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	30447m	18.254	ug/l	
82) 4-Chlorotoluene	13.223	91	218256	19.121	ug/l	95
83) tert-Butylbenzene	13.441	119	231553	19.978	ug/l	92
84) 1,2,4-Trimethylbenzene	13.488	105	260281	19.486	ug/l	96
85) sec-Butylbenzene	13.617	105	324469	20.137	ug/l	95
86) p-Isopropyltoluene	13.735	119	258285	19.298	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	128965	18.516	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	130405	19.054	ug/l	99
89) n-Butylbenzene	14.059	91	224469	19.251	ug/l	97
90) Hexachloroethane	14.341	117	44509	20.119	ug/l	96
91) 1,2-Dichlorobenzene	14.112	146	130037	19.357	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	21455	22.198	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	67465	18.001	ug/l	99
94) Hexachlorobutadiene	15.506	225	25648	18.350	ug/l	97
95) Naphthalene	15.647	128	252655	18.397	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	71783	19.307	ug/l	99

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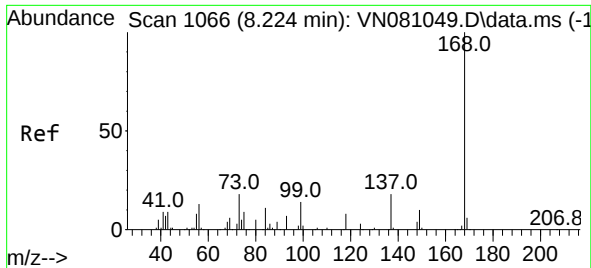
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

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



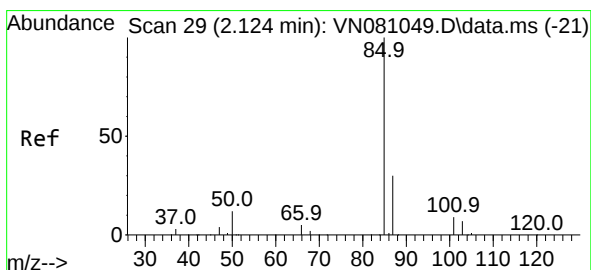
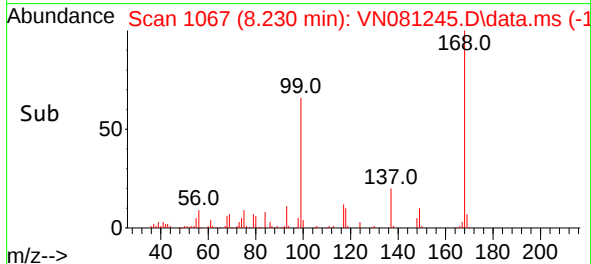
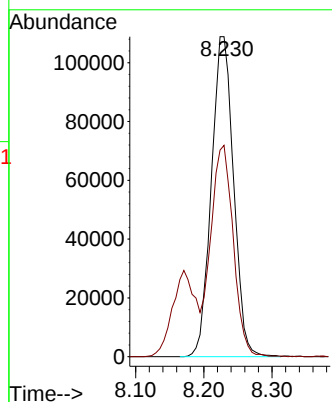
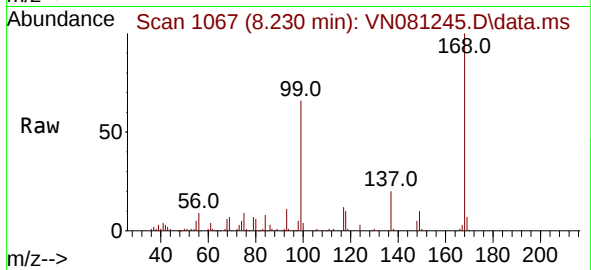
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01

Tgt Ion:168 Resp: 246950
Ion Ratio Lower Upper
168 100
99 65.9 59.9 89.9

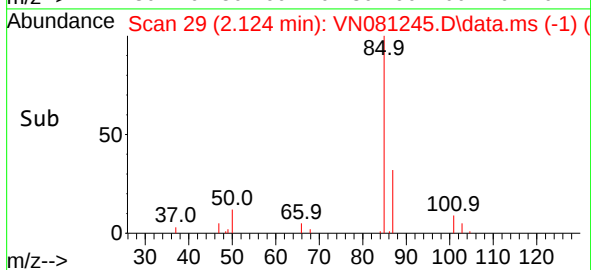
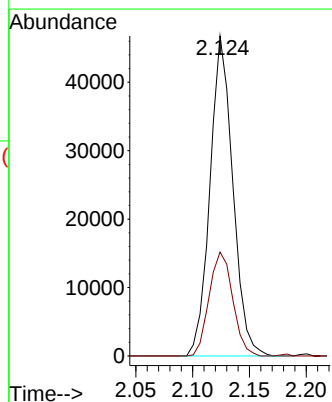
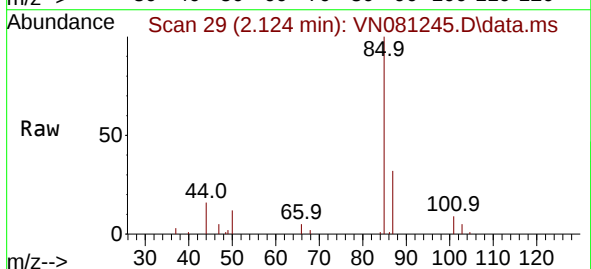
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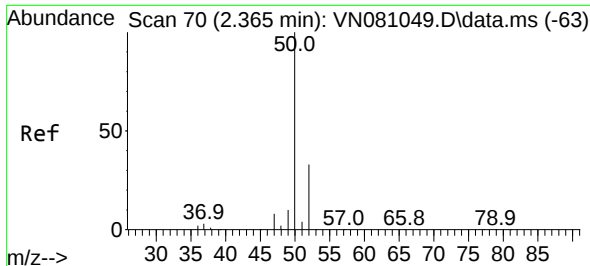
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#2
Dichlorodifluoromethane
Concen: 20.456 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

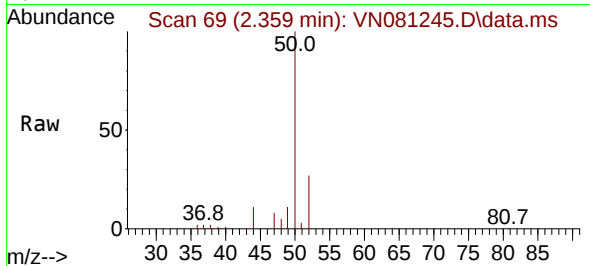
Tgt Ion: 85 Resp: 65330
Ion Ratio Lower Upper
85 100
87 32.4 15.3 45.9





#3
Chloromethane
Concen: 17.680 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

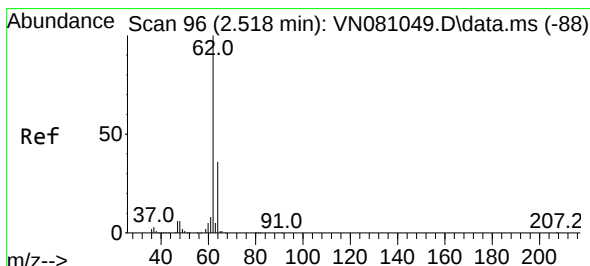
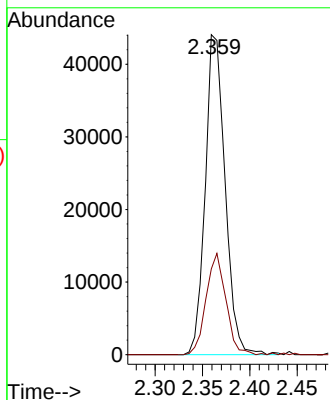
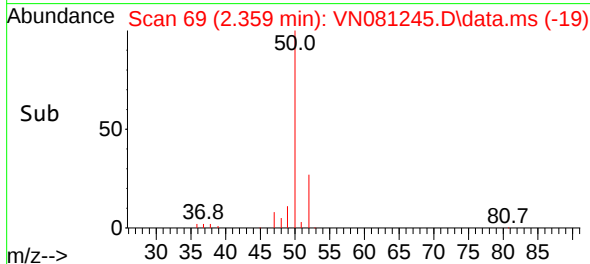
Instrument :
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Tgt Ion: 50 Resp: 64260
Ion Ratio Lower Upper
50 100
52 26.8 25.0 37.4

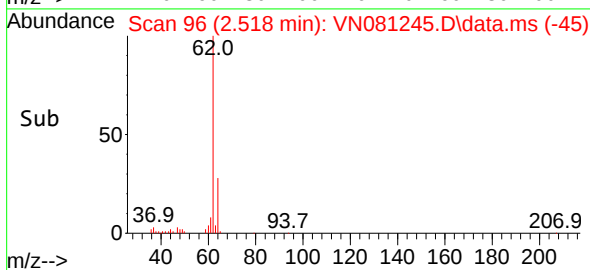
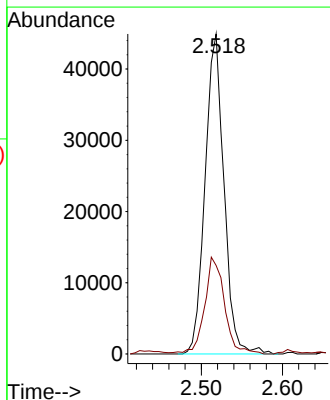
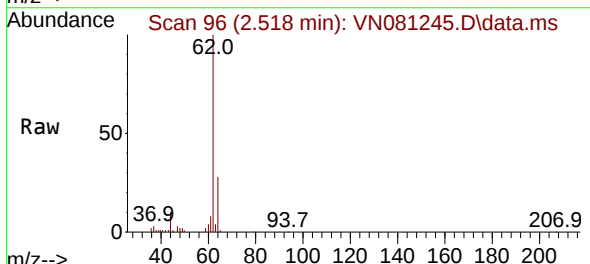
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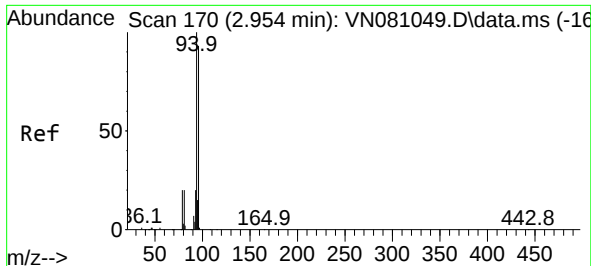
Reviewed By :John Carlone 02/29/2024
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#4
Vinyl Chloride
Concen: 20.418 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

Tgt Ion: 62 Resp: 72432
Ion Ratio Lower Upper
62 100
64 27.2 22.7 34.1





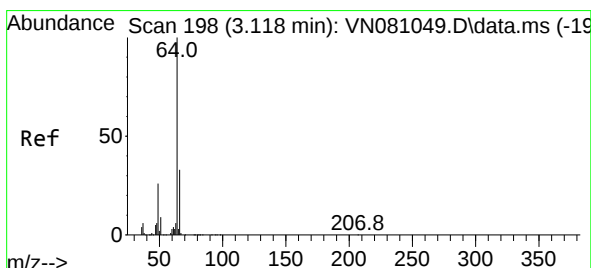
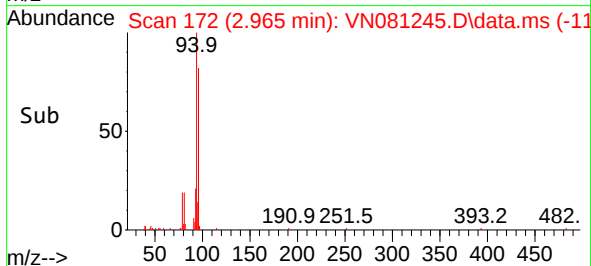
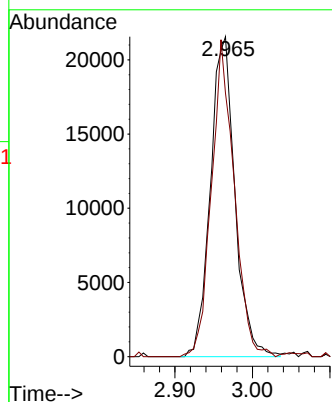
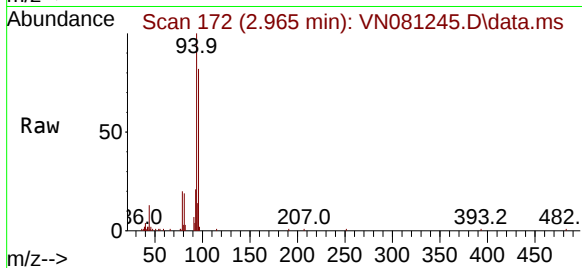
#5
Bromomethane
Concen: 18.766 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

Instrument :
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Tgt Ion: 94 Resp: 4728
Ion Ratio Lower Upper
94 100
96 82.4 69.2 103.8

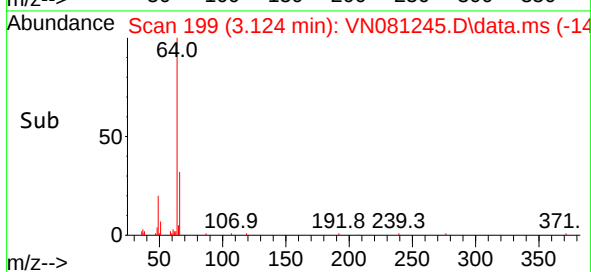
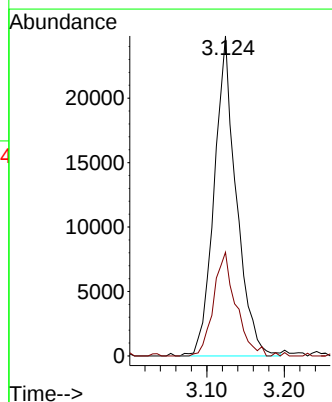
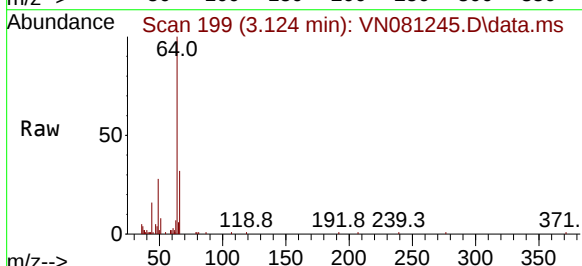
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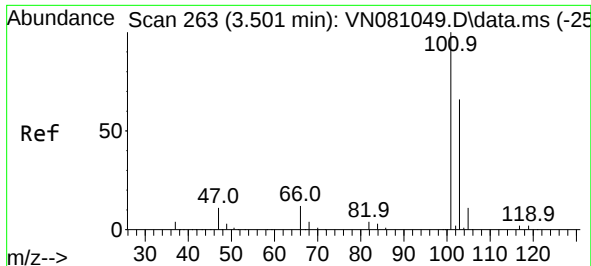
Reviewed By :John Carlone 02/29/2024
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#6
Chloroethane
Concen: 21.043 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081245.D
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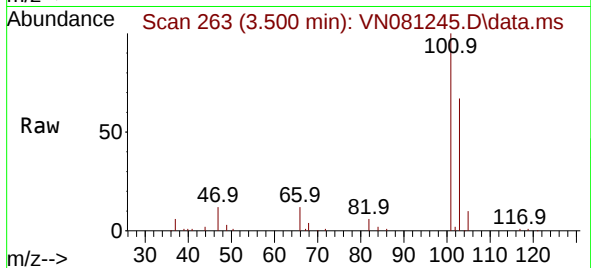
Tgt Ion: 64 Resp: 49435
Ion Ratio Lower Upper
64 100
66 32.4 26.4 39.6





#7
Trichlorofluoromethane
Concen: 20.395 ug/l
RT: 3.500 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN081245.D
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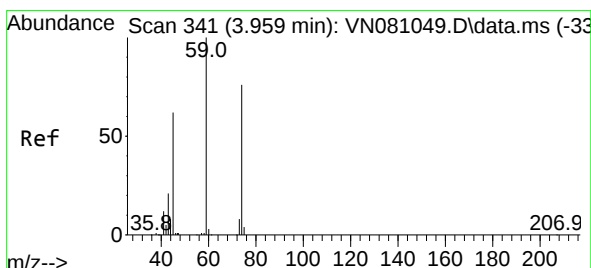
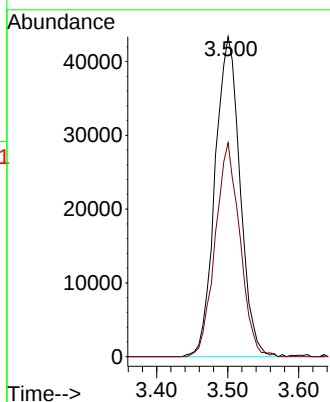
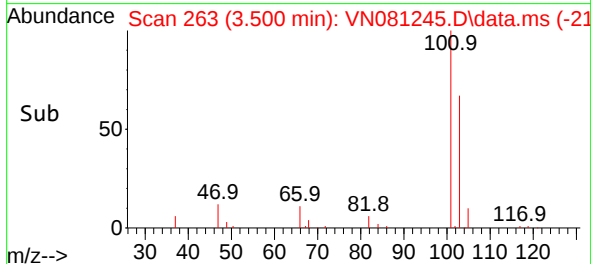
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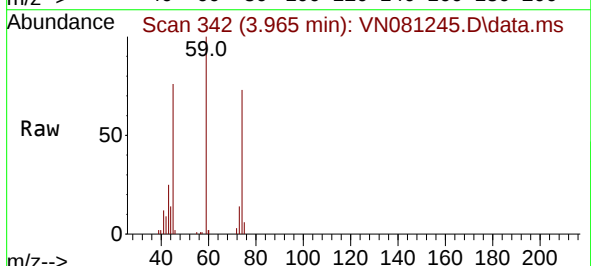
Tgt Ion:101 Resp: 10569
Ion Ratio Lower Upper
101 100
103 66.9 54.4 81.6

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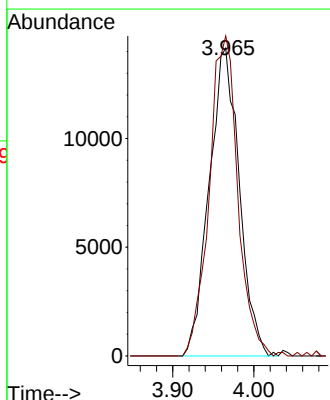
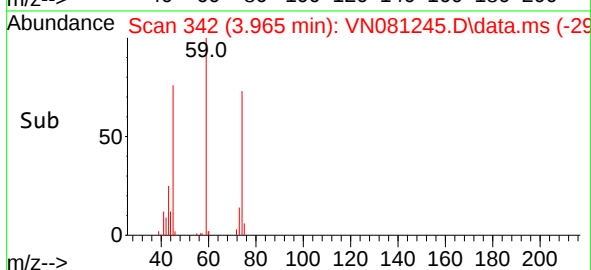
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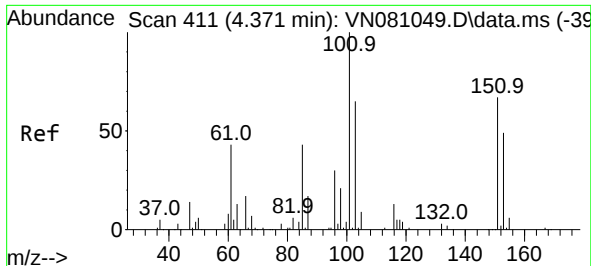


#8
Diethyl Ether
Concen: 19.261 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 36494
Ion Ratio Lower Upper
74 100
45 98.5 53.3 159.9





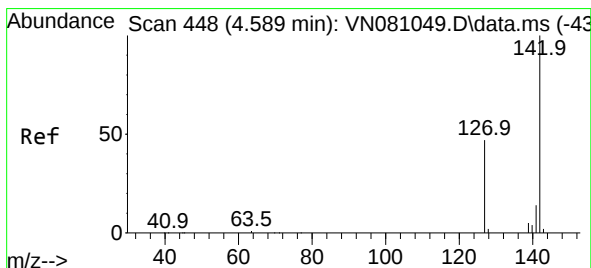
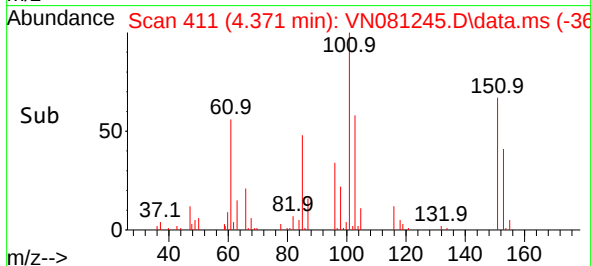
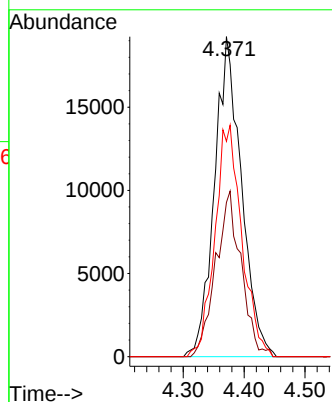
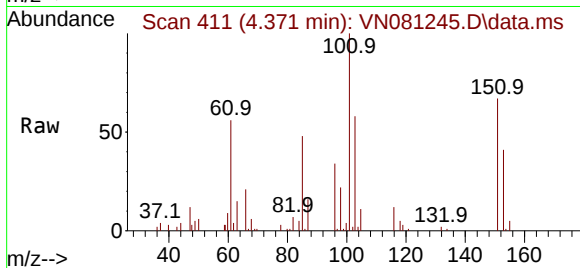
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.451 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01

Tgt Ion:101 Resp: 5908
Ion Ratio Lower Upper
101 100
85 48.9 38.1 57.1
151 72.3 49.1 73.7

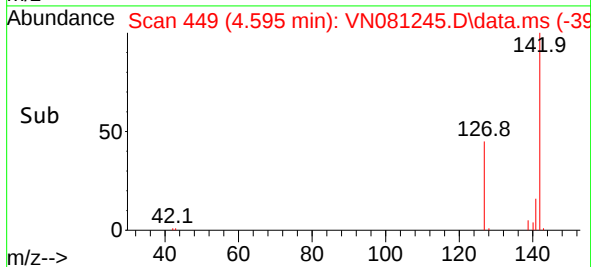
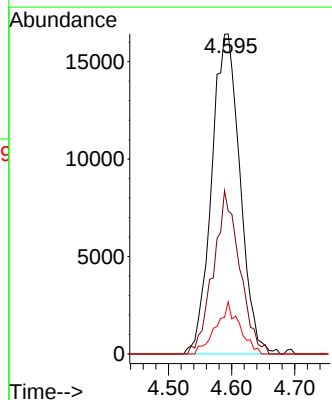
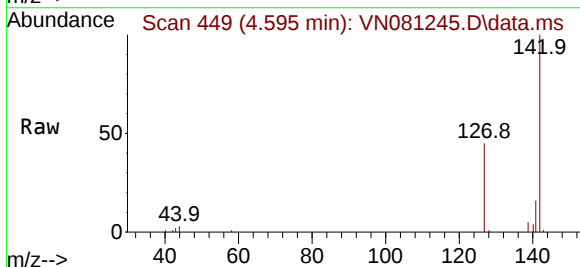
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#10
Methyl Iodide
Concen: 15.901 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

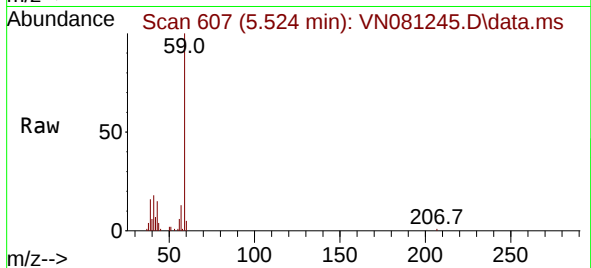
Tgt Ion:142 Resp: 51279
Ion Ratio Lower Upper
142 100
127 44.7 37.0 55.4
141 16.3 12.5 18.7





#11
Tert butyl alcohol
Concen: 118.037 ug/l
RT: 5.524 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

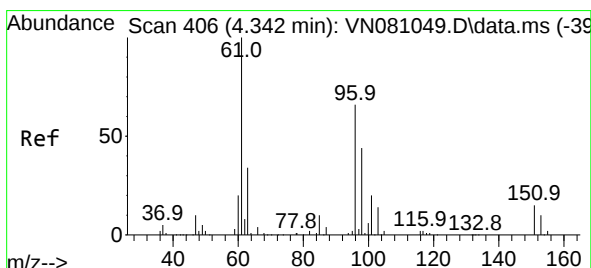
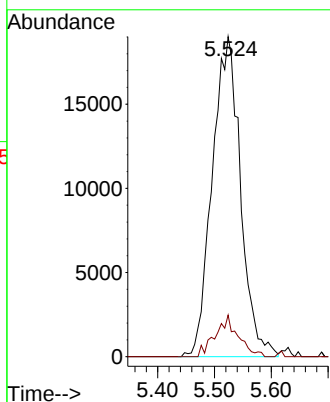
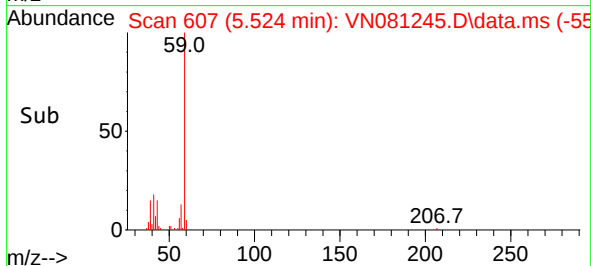
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01



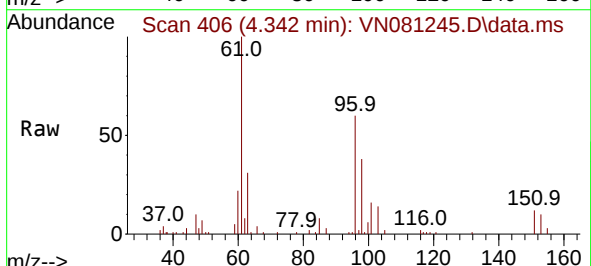
Tgt Ion: 59 Resp: 6570
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8

Manual Integrations
APPROVED

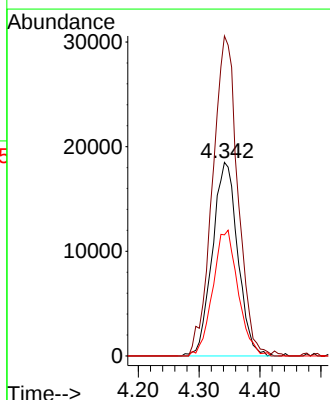
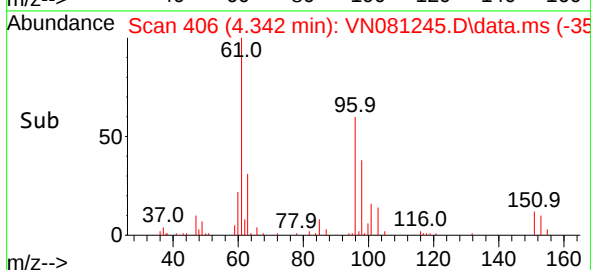
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

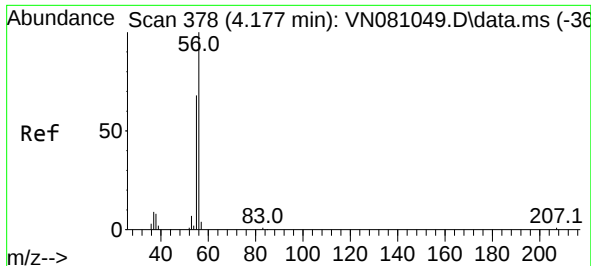


#12
1,1-Dichloroethene
Concen: 19.116 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05



Tgt Ion: 96 Resp: 53384
Ion Ratio Lower Upper
96 100
61 165.3 138.2 207.4
98 62.5 49.2 73.8





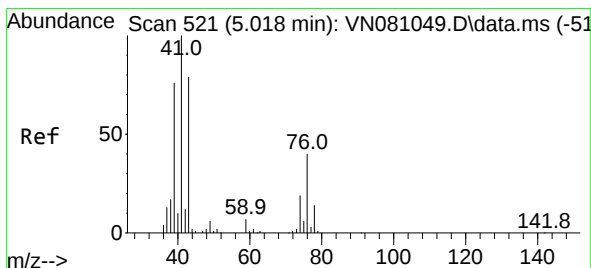
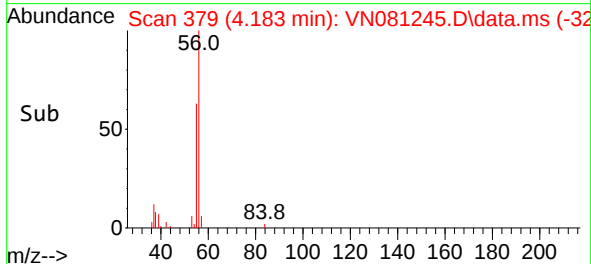
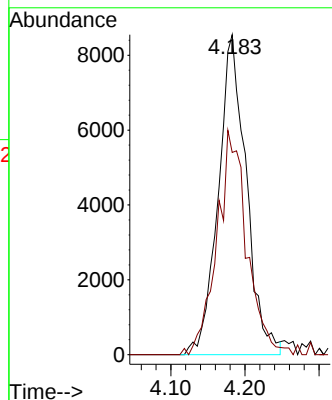
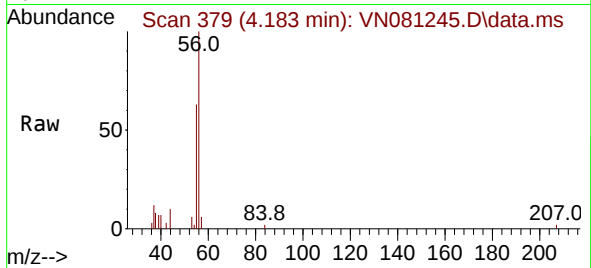
#13
Acrolein
Concen: 75.087 ug/l
RT: 4.183 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01

Tgt Ion: 56 Resp: 2240
Ion Ratio Lower Upper
56 100
55 75.0 55.3 82.9

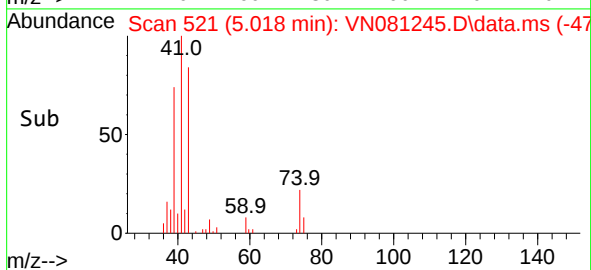
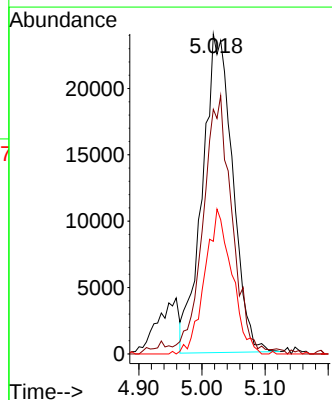
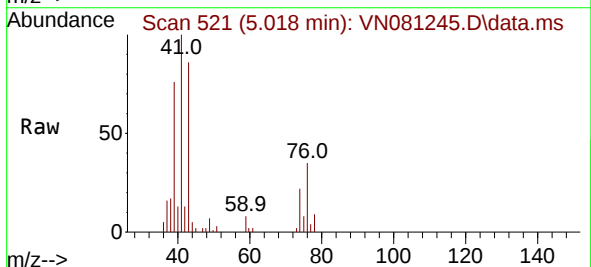
Manual Integrations
APPROVED

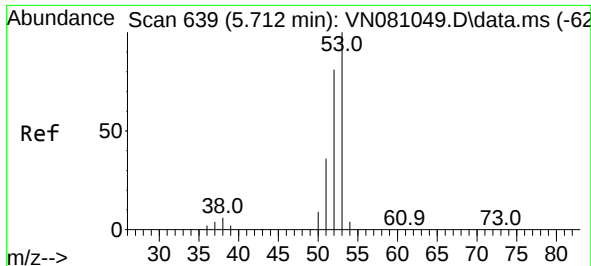
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#14
Allyl chloride
Concen: 19.273 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

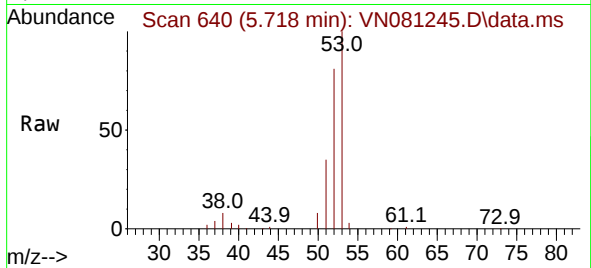
Tgt Ion: 41 Resp: 79861
Ion Ratio Lower Upper
41 100
39 74.8 57.7 86.5
76 40.8 26.8 40.2#





#15
Acrylonitrile
Concen: 118.797 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

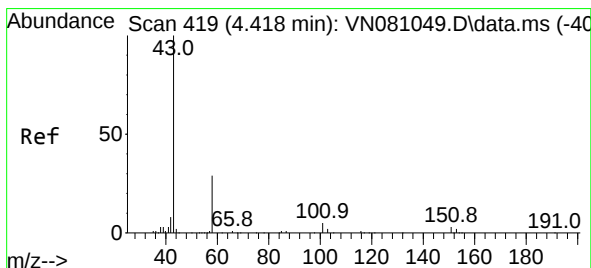
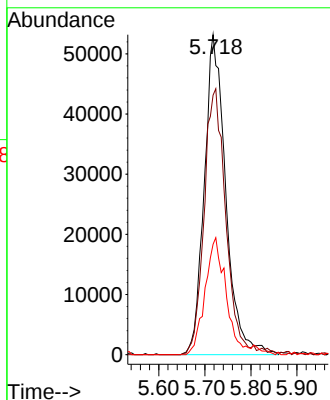
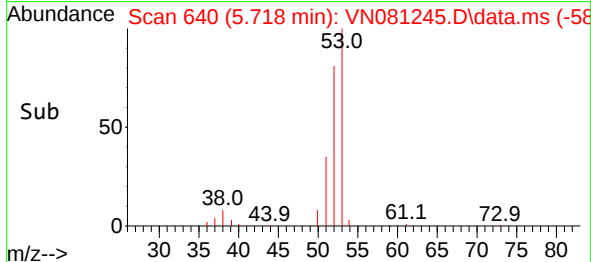
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01



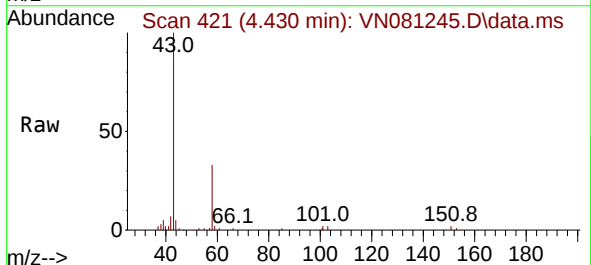
Tgt Ion: 53 Resp: 172710
Ion Ratio Lower Upper
53 100
52 83.6 64.8 97.2
51 35.7 26.9 40.3

Manual Integrations
APPROVED

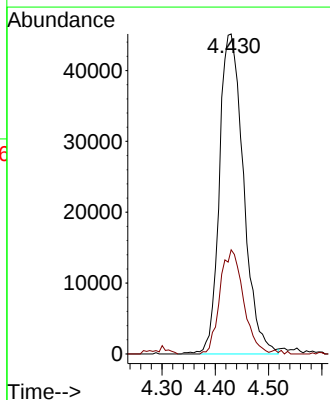
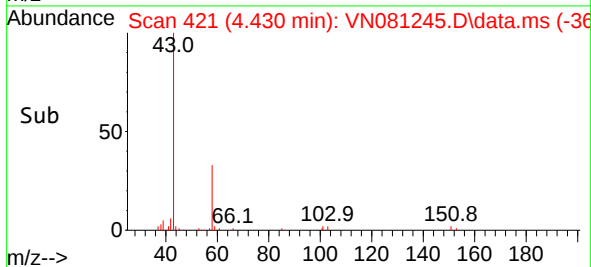
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

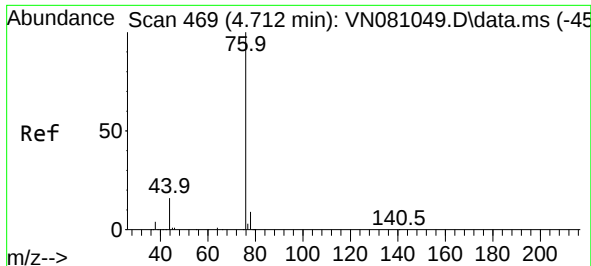


#16
Acetone
Concen: 119.055 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05



Tgt Ion: 43 Resp: 141798
Ion Ratio Lower Upper
43 100
58 32.6 24.8 37.2





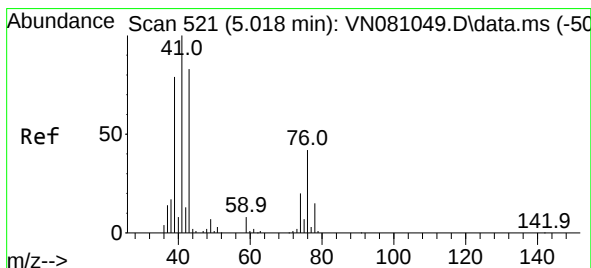
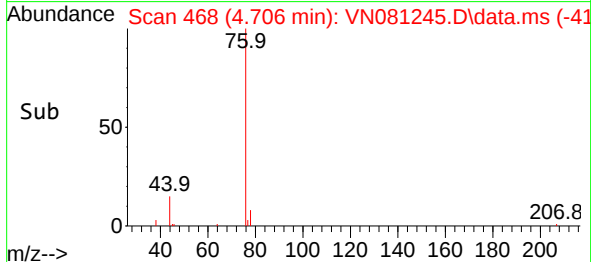
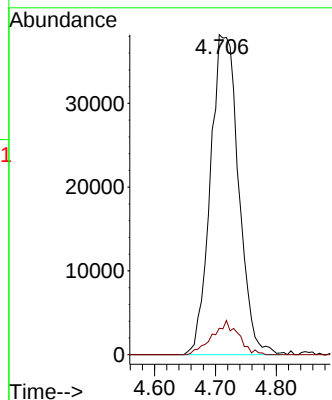
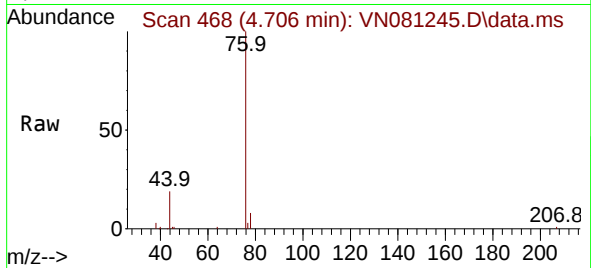
#17
Carbon Disulfide
Concen: 15.805 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01

Tgt Ion: 76 Resp: 123109
Ion Ratio Lower Upper
76 100
78 8.3 6.3 9.5

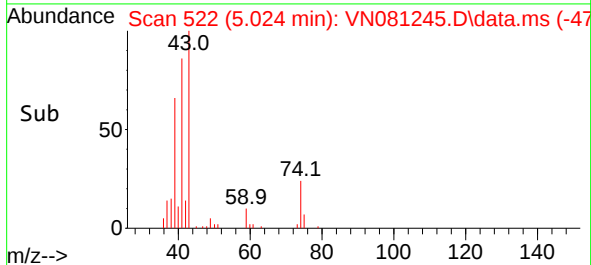
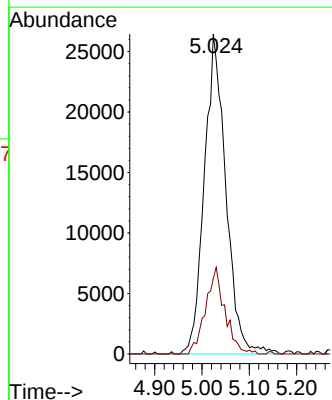
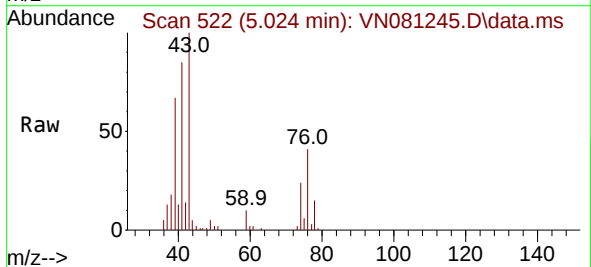
Manual Integrations
APPROVED

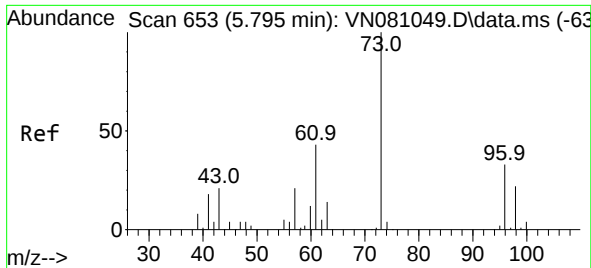
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#18
Methyl Acetate
Concen: 28.767 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

Tgt Ion: 43 Resp: 83580
Ion Ratio Lower Upper
43 100
74 24.3 17.3 25.9





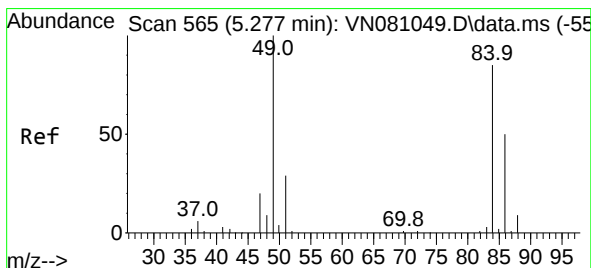
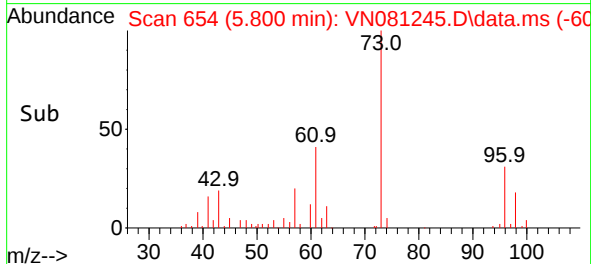
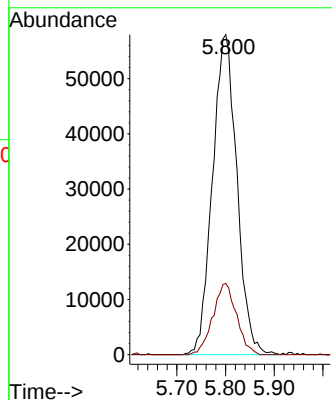
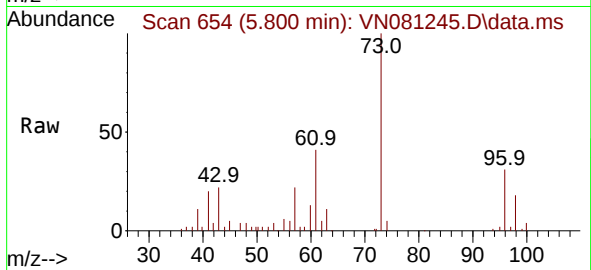
#19
Methyl tert-butyl Ether
Concen: 21.073 ug/l
RT: 5.800 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01

Tgt Ion: 73 Resp: 20155
Ion Ratio Lower Upper
73 100
57 22.3 18.2 27.4

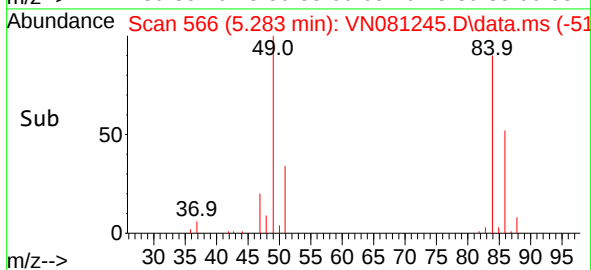
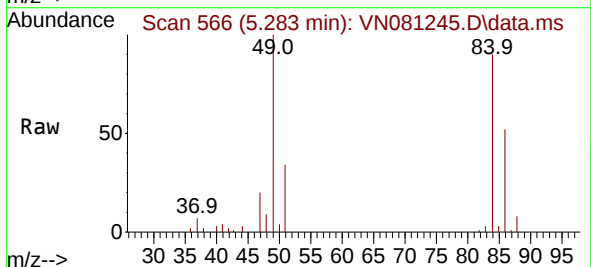
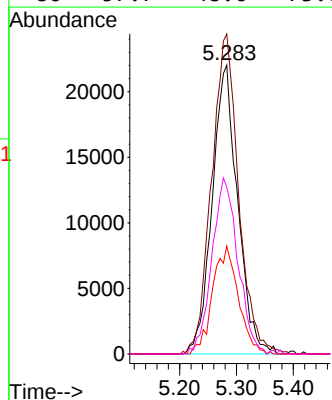
Manual Integrations
APPROVED

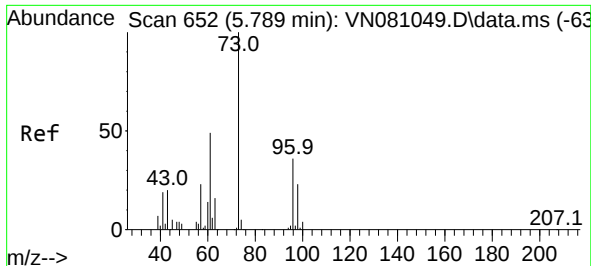
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#20
Methylene Chloride
Concen: 21.769 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

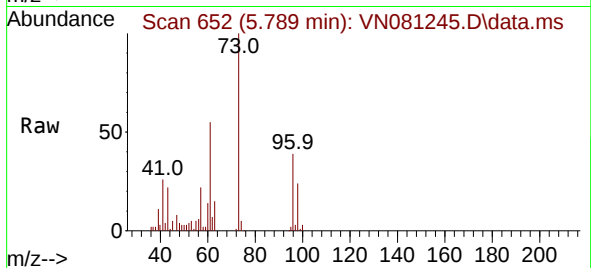
Tgt Ion: 84 Resp: 68690
Ion Ratio Lower Upper
84 100
49 110.8 108.1 162.1
51 37.3 32.9 49.3
86 57.7 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 19.727 ug/l
RT: 5.789 min Scan# 614
Delta R.T. -0.000 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

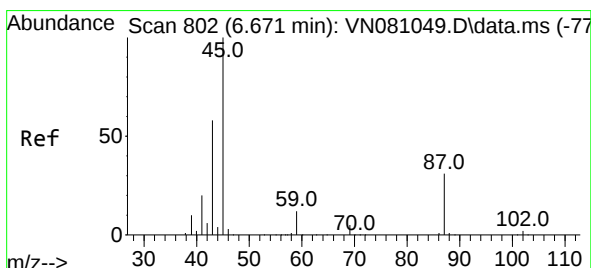
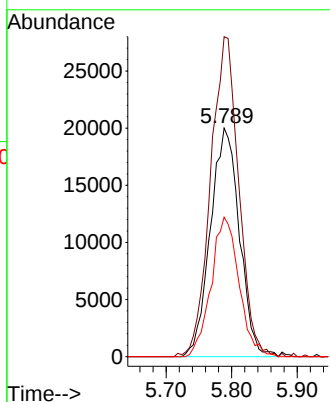
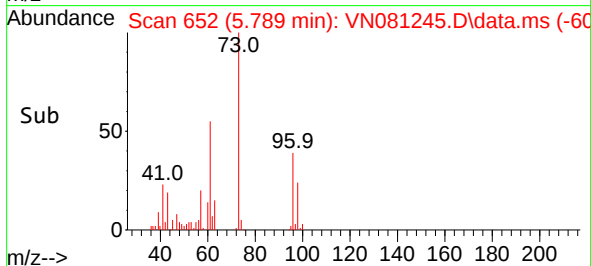
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01



Tgt Ion: 96 Resp: 6146
Ion Ratio Lower Upper
96 100
61 139.9 112.8 169.2
98 61.0 51.0 76.4

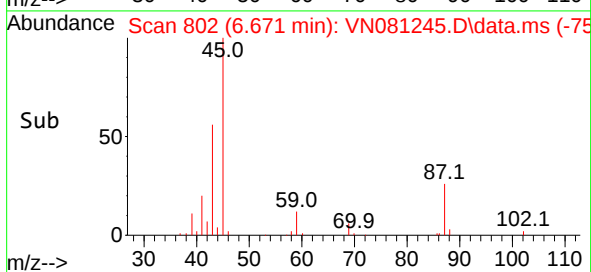
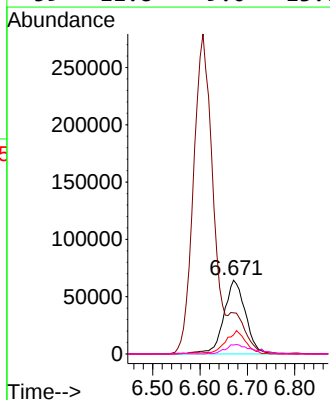
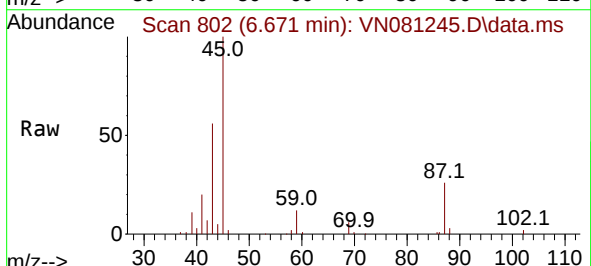
Manual Integrations
APPROVED

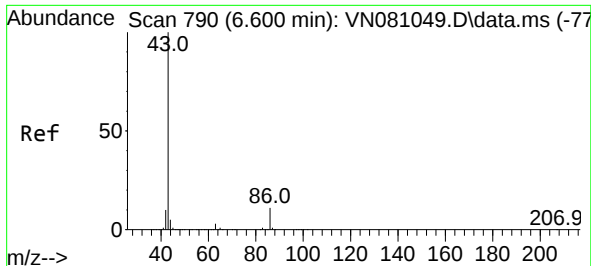
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#22
Diisopropyl ether
Concen: 21.648 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

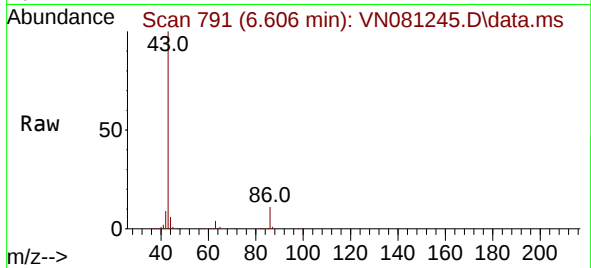
Tgt Ion: 45 Resp: 203483
Ion Ratio Lower Upper
45 100
43 54.6 41.8 62.8
87 25.7 18.1 27.1
59 11.8 9.0 13.6





#23
 Vinyl Acetate
 Concen: 104.406 ug/l
 RT: 6.606 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN081245.D
 Acq: 28 Feb 2024 16:05

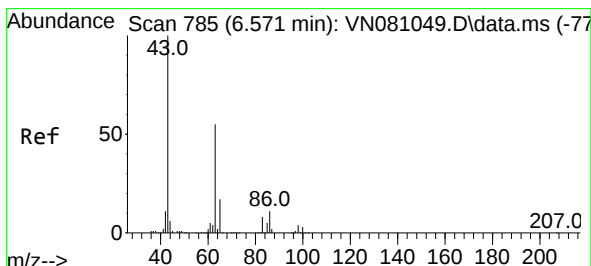
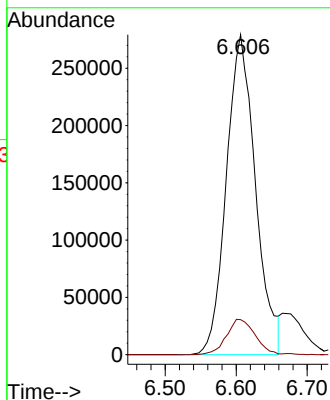
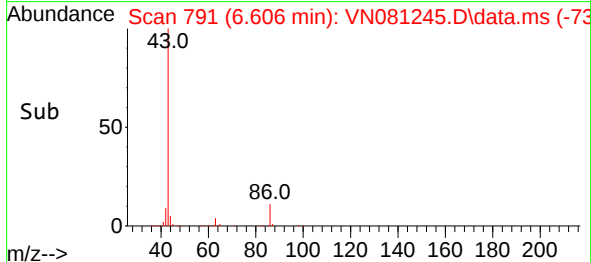
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228WBSD01



Tgt Ion: 43 Resp: 79623
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.1 10.7

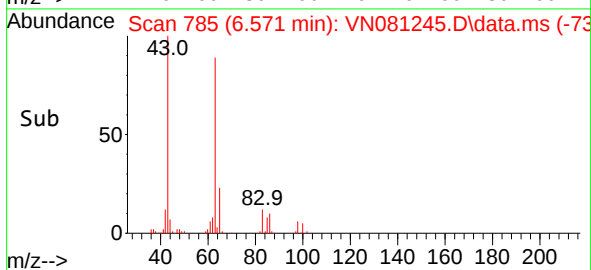
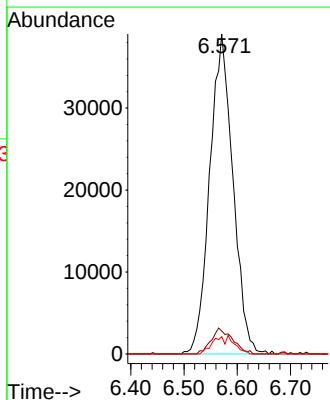
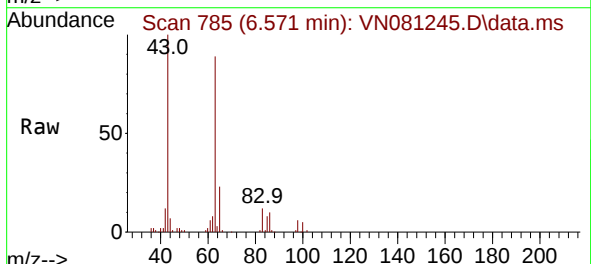
Manual Integrations
 APPROVED

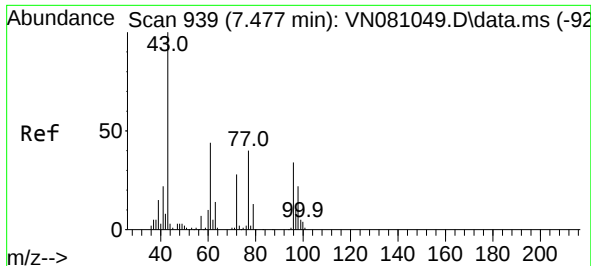
Reviewed By :John Carlone 02/29/2024
 Supervised By :Mahesh Dadoda 02/29/2024



#24
 1,1-Dichloroethane
 Concen: 21.719 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN081245.D
 Acq: 28 Feb 2024 16:05

Tgt Ion: 63 Resp: 118044
 Ion Ratio Lower Upper
 63 100
 98 7.2 2.9 8.6
 100 5.4 1.9 5.7





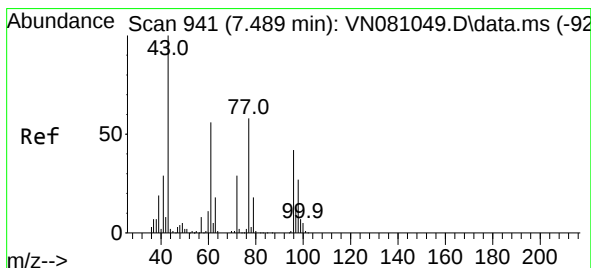
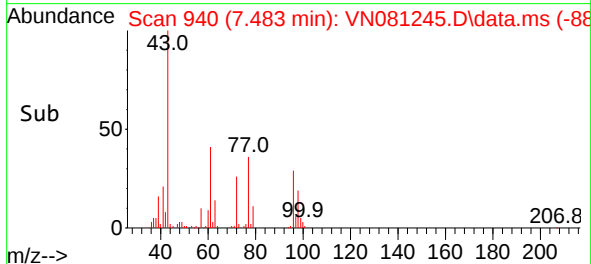
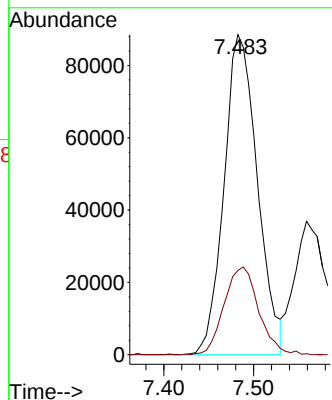
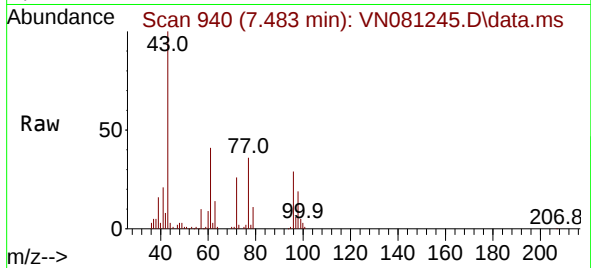
#25
2-Butanone
Concen: 118.798 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

Instrument :
MSVOA_N
Client Sample Id :
VN0228WBSD01

Tgt Ion: 43 Resp: 228584
Ion Ratio Lower Upper
43 100
72 26.4 19.5 29.3

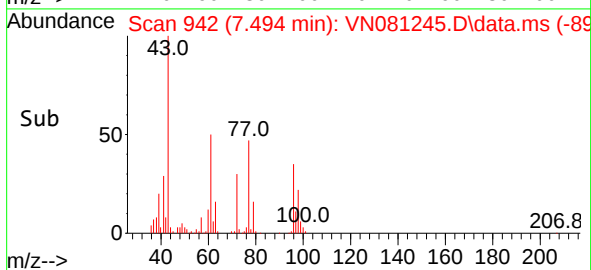
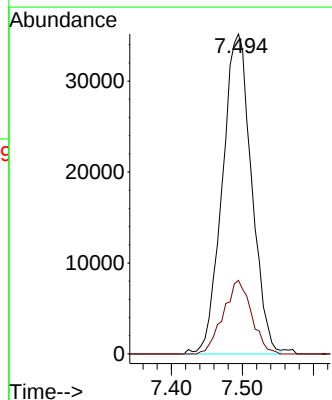
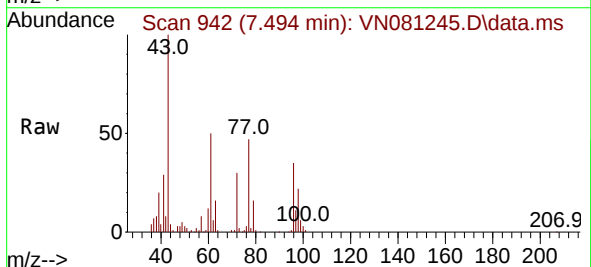
Manual Integrations
APPROVED

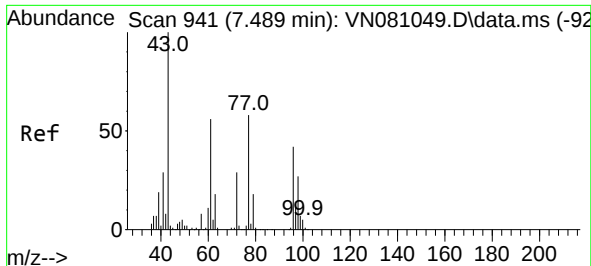
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#26
2,2-Dichloropropane
Concen: 19.727 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

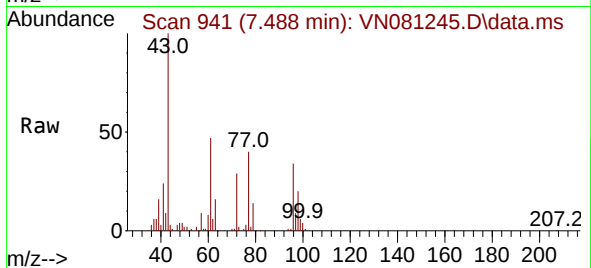
Tgt Ion: 77 Resp: 100460
Ion Ratio Lower Upper
77 100
97 22.2 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 20.036 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN081245.D
 Acq: 28 Feb 2024 16:05

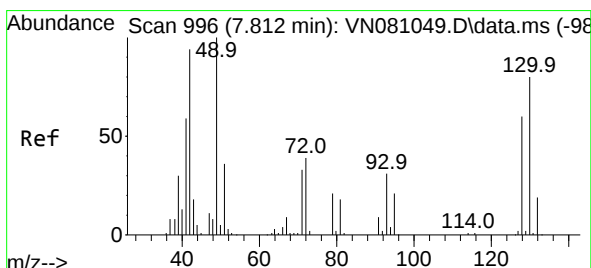
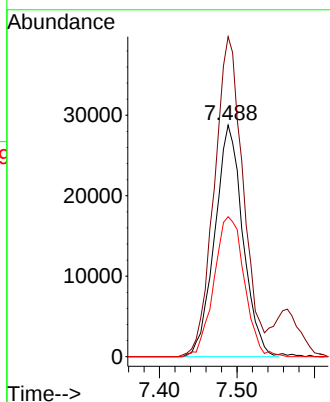
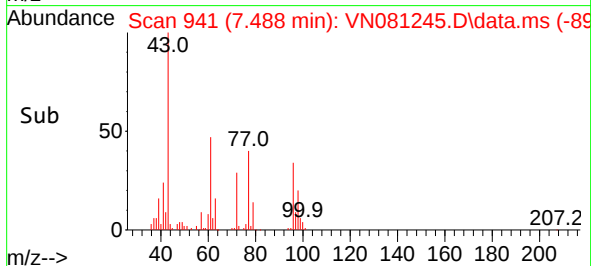
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228WBSD01



Tgt Ion: 96 Resp: 72532
 Ion Ratio Lower Upper
 96 100
 61 141.6 0.0 325.4
 98 65.2 0.0 130.4

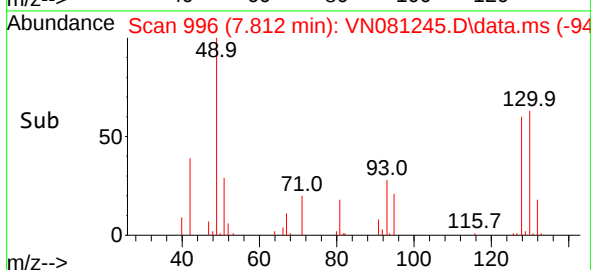
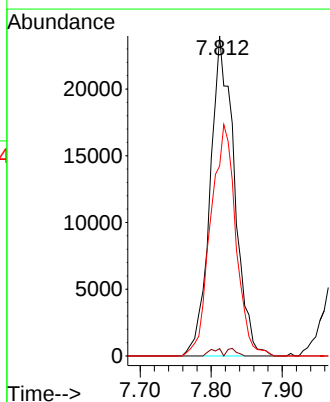
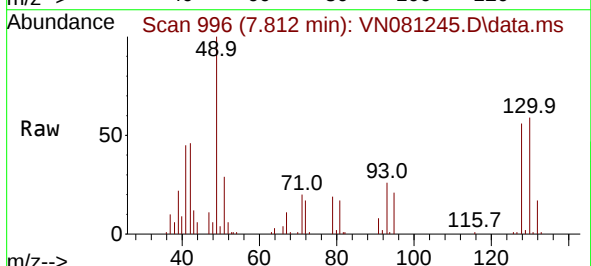
Manual Integrations
 APPROVED

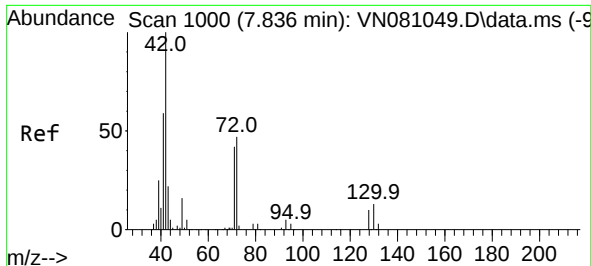
Reviewed By :John Carlone 02/29/2024
 Supervised By :Mahesh Dadoda 02/29/2024



#28
 Bromochloromethane
 Concen: 25.203 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN081245.D
 Acq: 28 Feb 2024 16:05

Tgt Ion: 49 Resp: 56787
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 1.6
 130 75.0 42.3 63.5#





#29

Tetrahydrofuran

Concen: 119.753 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081245.D

Acq: 28 Feb 2024 16:05

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBSD01

Tgt Ion: 42 Resp: 15381

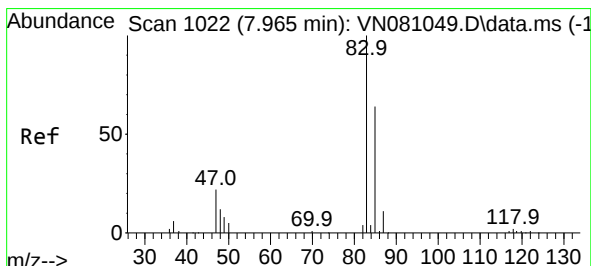
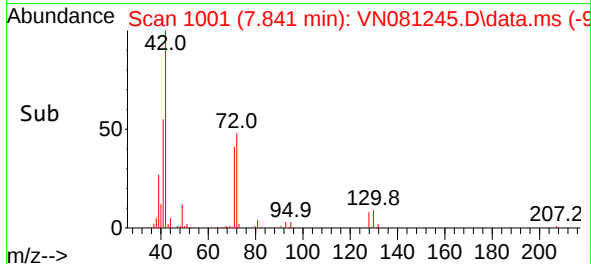
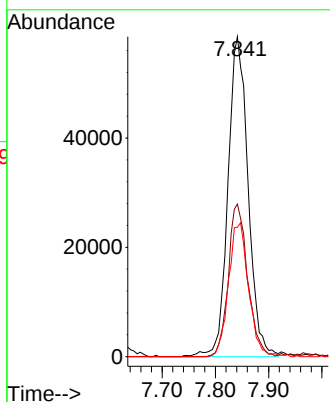
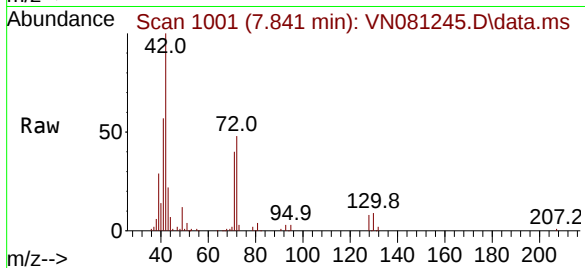
Ion	Ratio	Lower	Upper
42	100		
72	45.8	31.1	46.7
71	41.7	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#30

Chloroform

Concen: 22.395 ug/l

RT: 7.965 min Scan# 1022

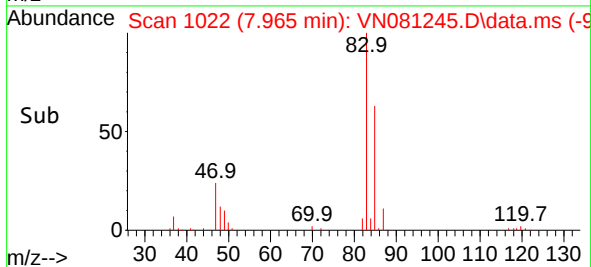
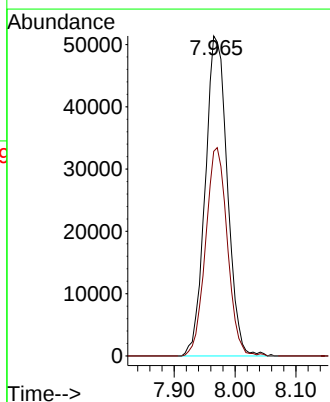
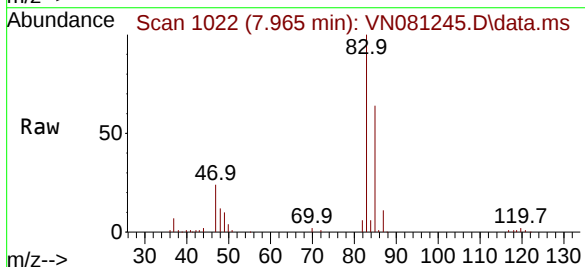
Delta R.T. -0.000 min

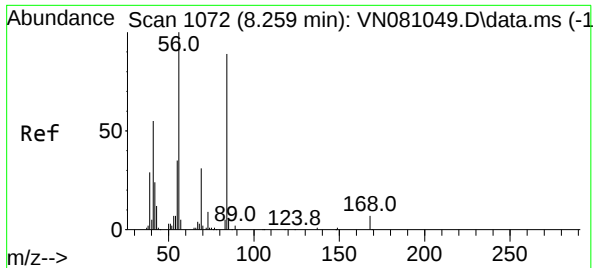
Lab File: VN081245.D

Acq: 28 Feb 2024 16:05

Tgt Ion: 83 Resp: 129394

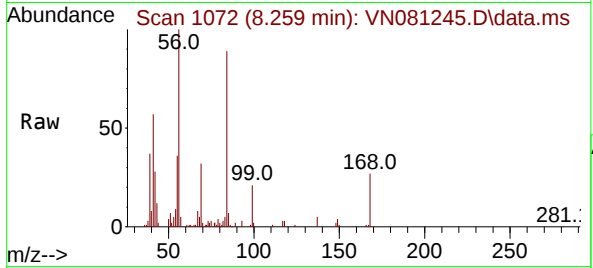
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.0	76.6





#31
Cyclohexane
Concen: 18.959 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

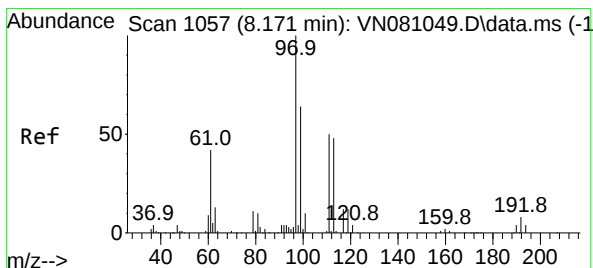
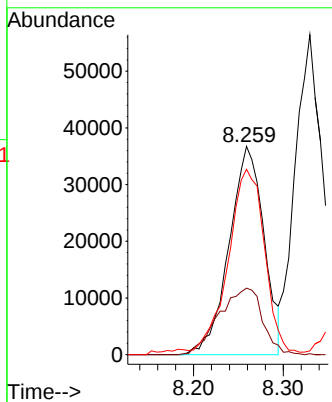
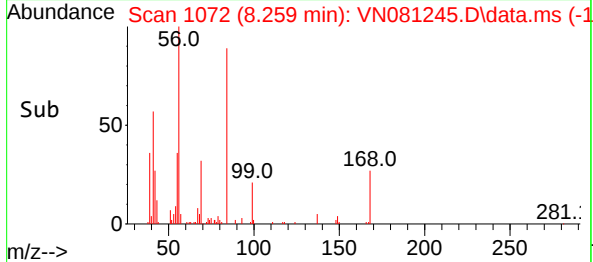
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01



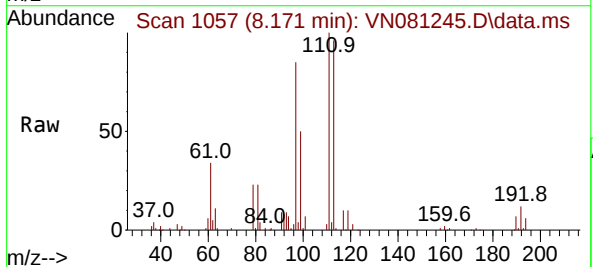
Tgt Ion: 56 Resp: 99092
Ion Ratio Lower Upper
56 100
69 31.9 20.1 30.1
84 86.4 56.9 85.3

Manual Integrations
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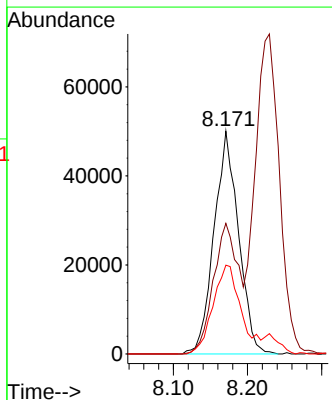
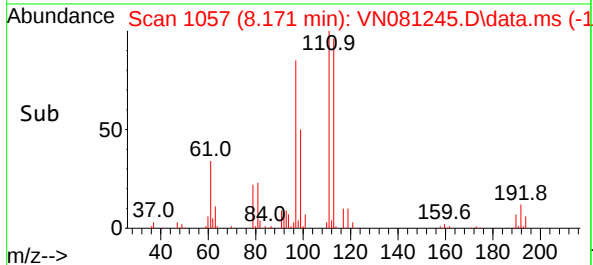
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

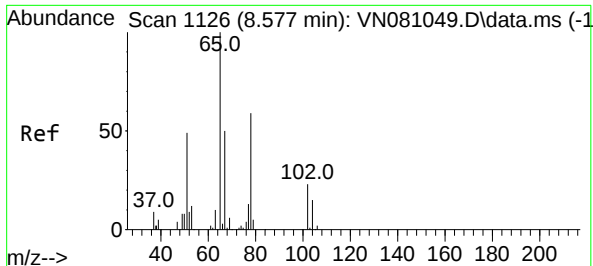


#32
1,1,1-Trichloroethane
Concen: 21.842 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05



Tgt Ion: 97 Resp: 114934
Ion Ratio Lower Upper
97 100
99 59.7 53.4 80.0
61 45.5 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 52.722 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081245.D

Acq: 28 Feb 2024 16:05

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBSD01

Tgt Ion: 65 Resp: 15958

Ion Ratio Lower Upper

65 100

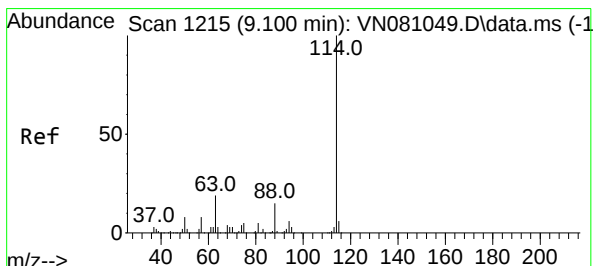
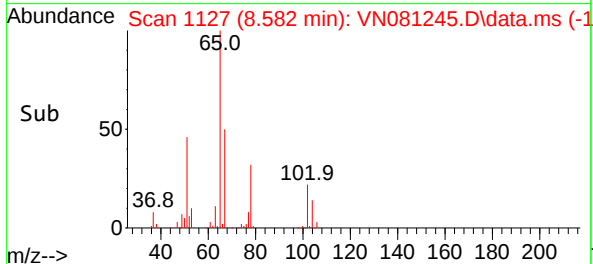
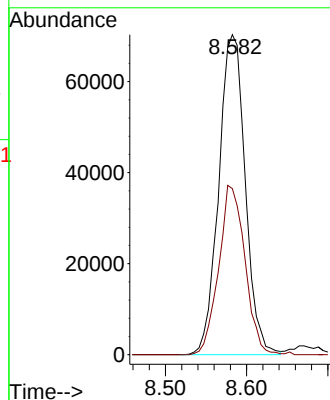
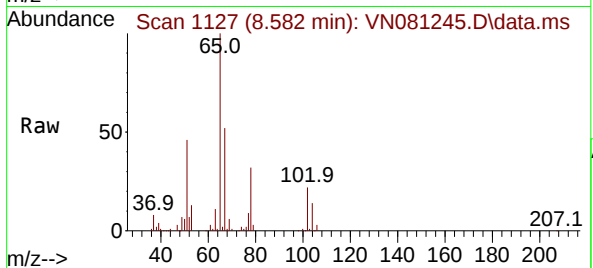
67 52.4 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081245.D

Acq: 28 Feb 2024 16:05

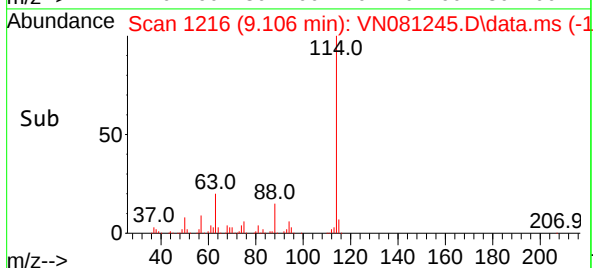
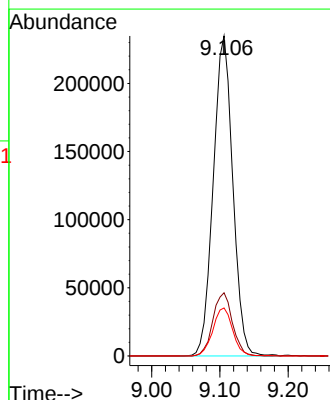
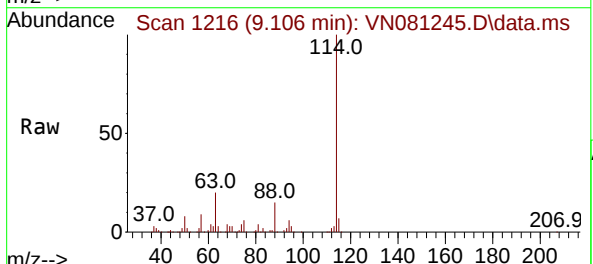
Tgt Ion:114 Resp: 468834

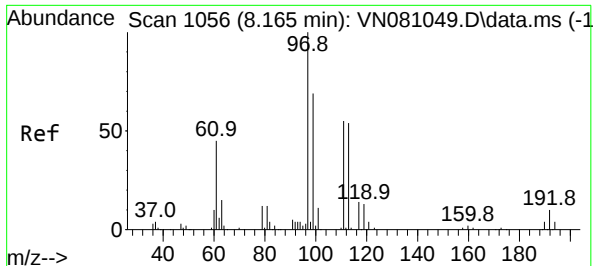
Ion Ratio Lower Upper

114 100

63 19.7 0.0 48.0

88 15.0 0.0 34.8





#35

Dibromofluoromethane

Concen: 52.525 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN081245.D

Acq: 28 Feb 2024 16:05

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBSD01

Tgt Ion:113 Resp: 139249

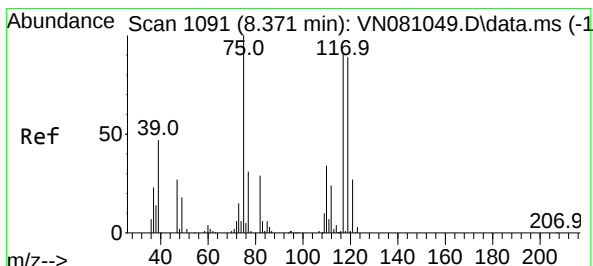
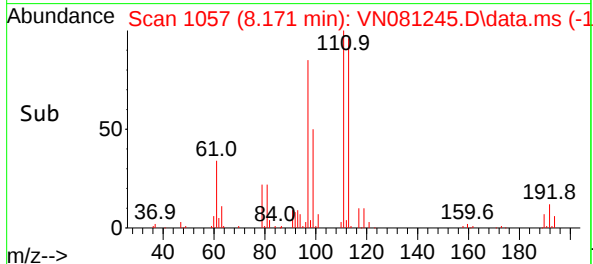
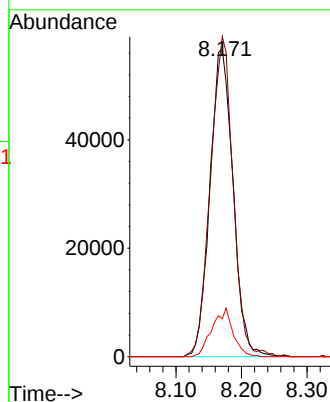
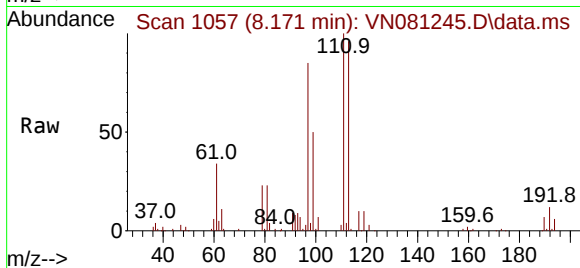
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.2	123.4
192	14.2	12.5	18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#36

1,1-Dichloropropene

Concen: 19.003 ug/l

RT: 8.377 min Scan# 1092

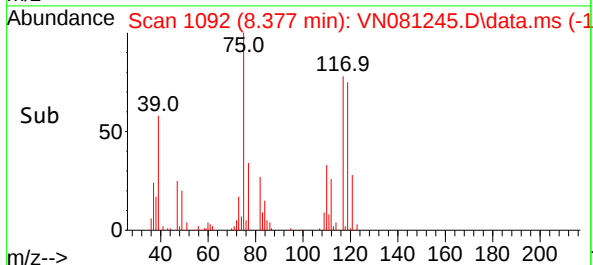
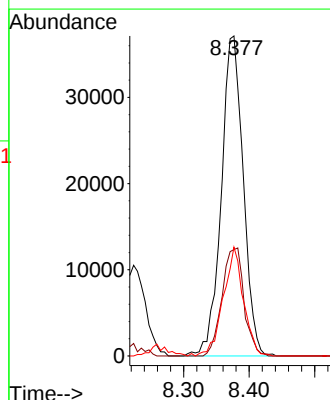
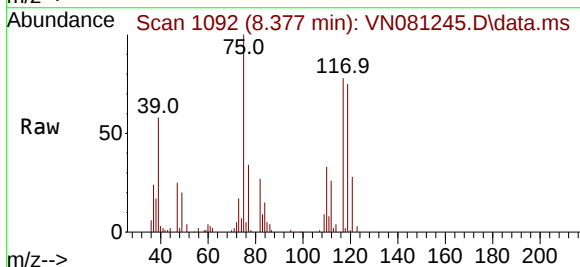
Delta R.T. 0.006 min

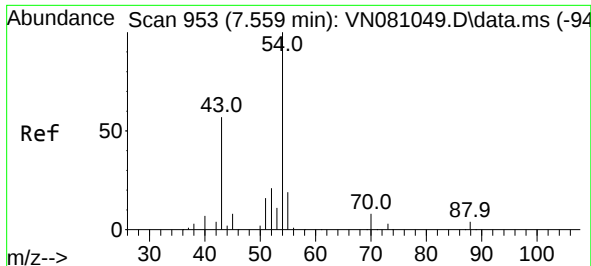
Lab File: VN081245.D

Acq: 28 Feb 2024 16:05

Tgt Ion: 75 Resp: 86311

Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.0	48.0
77	31.4	25.8	38.6





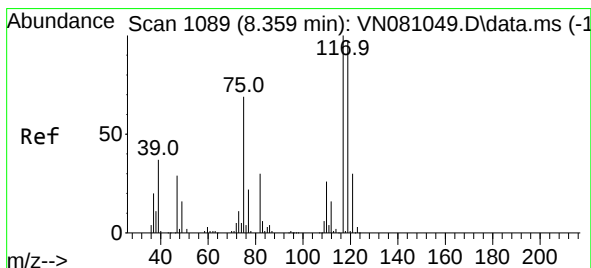
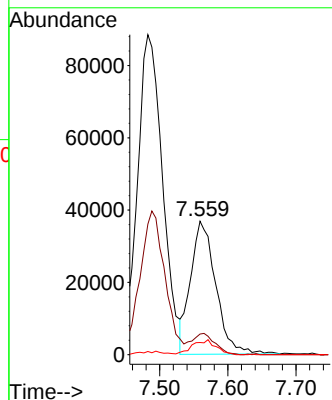
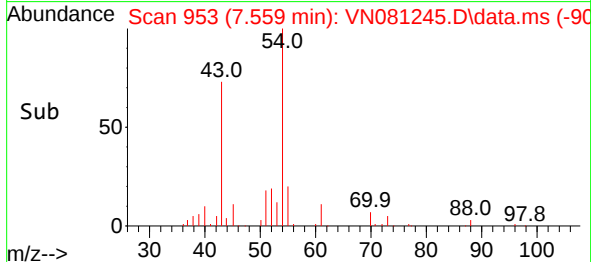
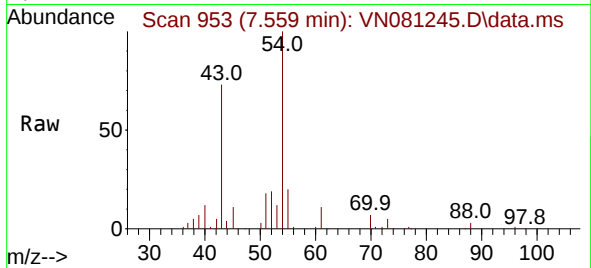
#37
Ethyl Acetate
Concen: 23.083 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01

Tgt Ion: 43 Resp: 9462
Ion Ratio Lower Upper
43 100
61 13.6 10.6 15.8
70 10.3 8.0 12.0

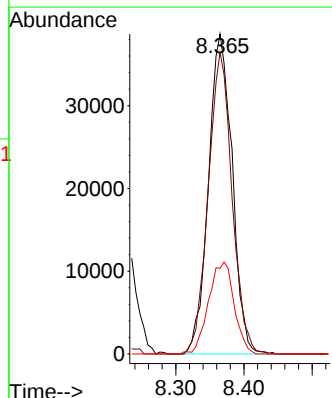
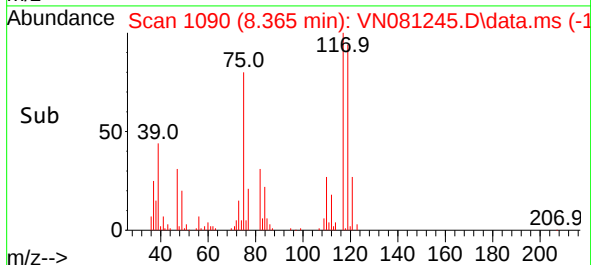
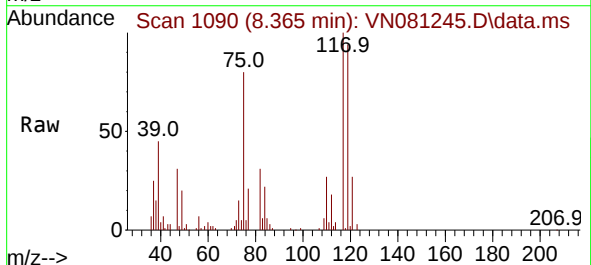
Manual Integrations
APPROVED

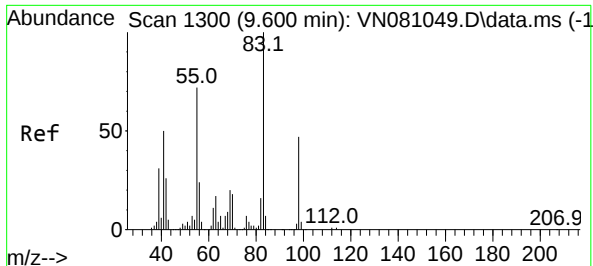
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#38
Carbon Tetrachloride
Concen: 20.348 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

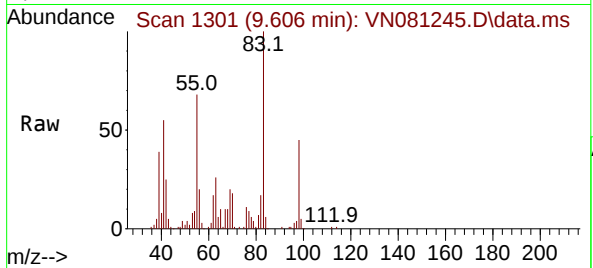
Tgt Ion:117 Resp: 93503
Ion Ratio Lower Upper
117 100
119 94.2 73.4 110.2
121 26.8 24.4 36.6





#39
Methylcyclohexane
Concen: 18.373 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.006 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

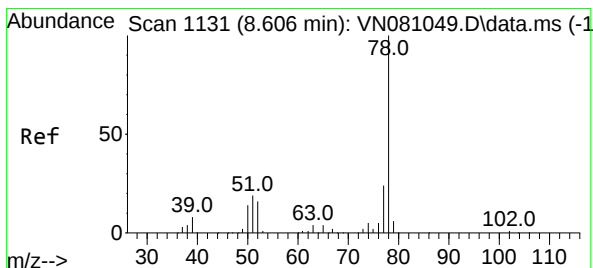
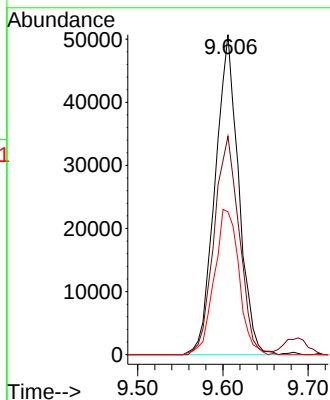
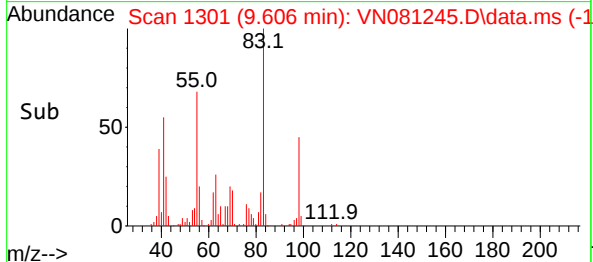
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01



Tgt Ion: 83 Resp: 9727
Ion Ratio Lower Upper
83 100
55 68.3 65.7 98.5
98 44.7 33.8 50.6

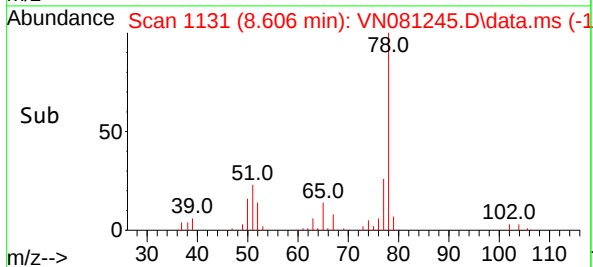
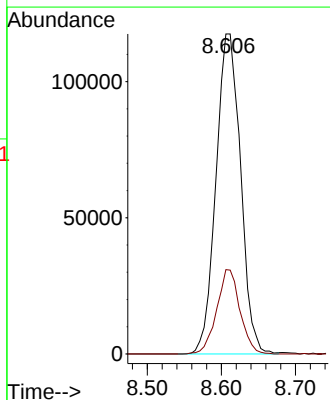
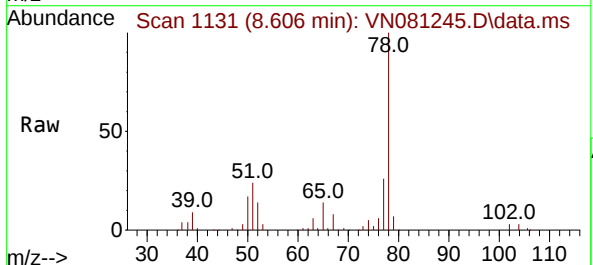
Manual Integrations
APPROVED

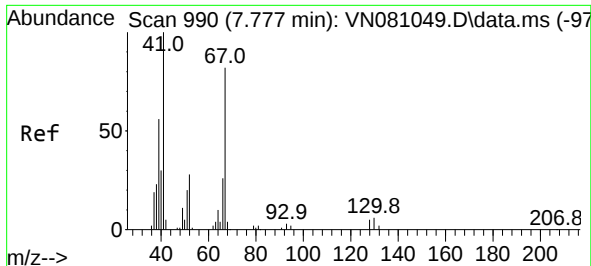
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#40
Benzene
Concen: 20.606 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

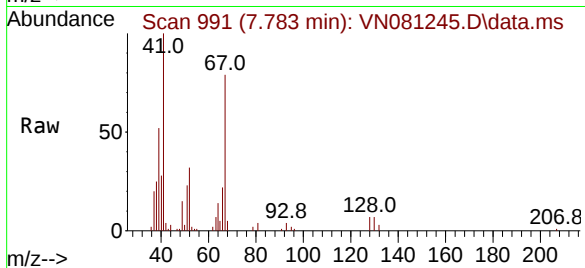
Tgt Ion: 78 Resp: 270900
Ion Ratio Lower Upper
78 100
77 26.3 20.4 30.6





#41
Methacrylonitrile
Concen: 21.688 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

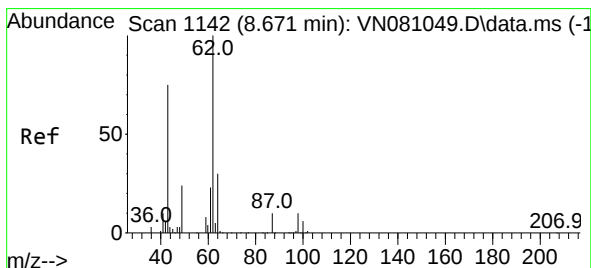
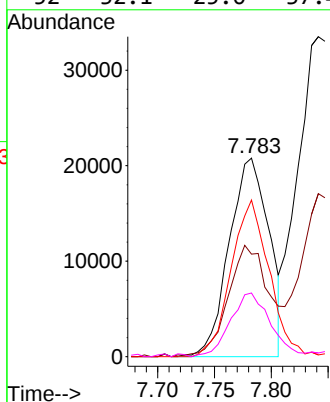
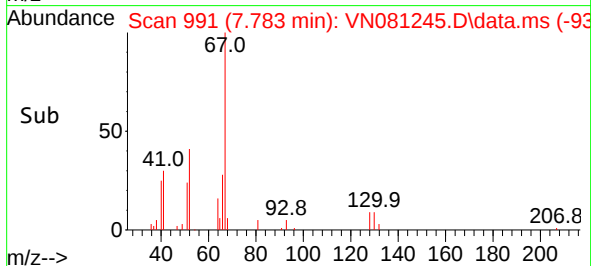
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01



Tgt Ion: 41 Resp: 50590
Ion Ratio Lower Upper
41 100
39 59.8 48.4 72.6
67 75.8 56.8 85.2
52 32.1 25.0 37.4

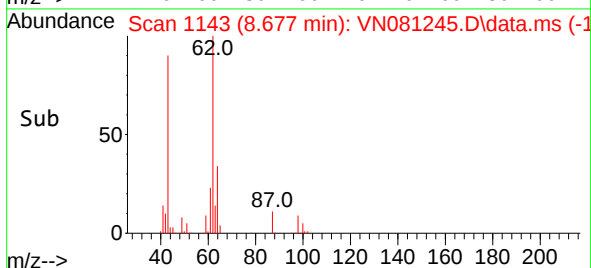
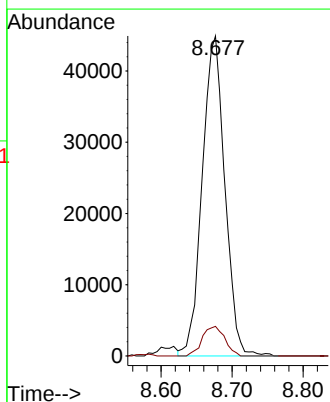
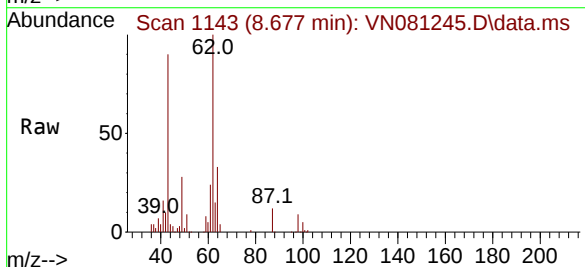
Manual Integrations
APPROVED

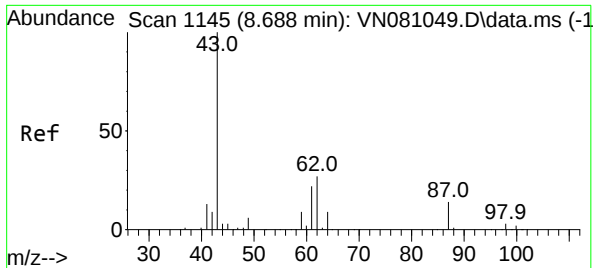
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#42
1,2-Dichloroethane
Concen: 21.695 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

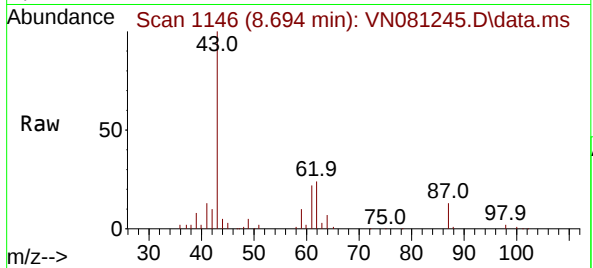
Tgt Ion: 62 Resp: 99509
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.0





#43
Isopropyl Acetate
Concen: 21.722 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

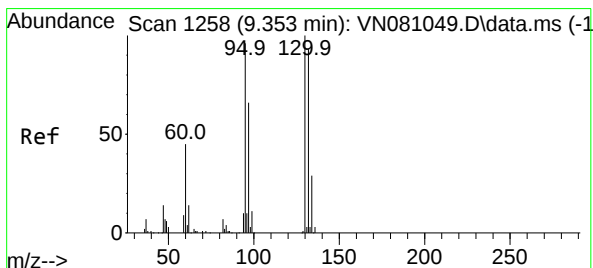
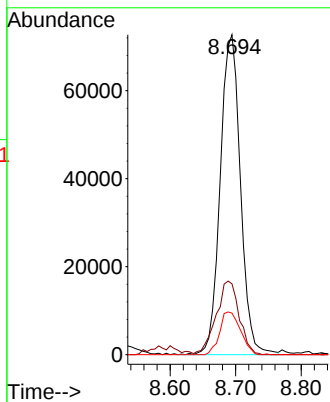
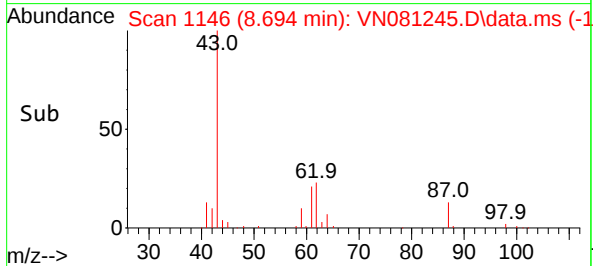
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01



Tgt Ion: 43 Resp: 15572
Ion Ratio Lower Upper
43 100
61 26.1 19.9 29.9
87 13.7 9.0 13.6

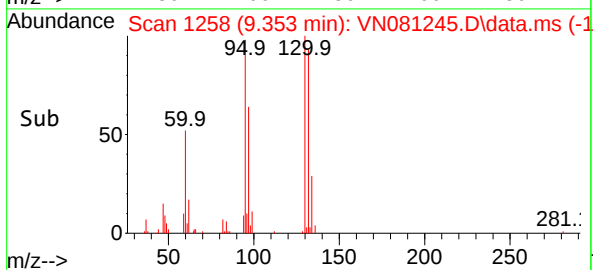
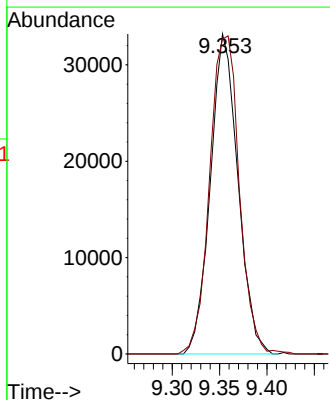
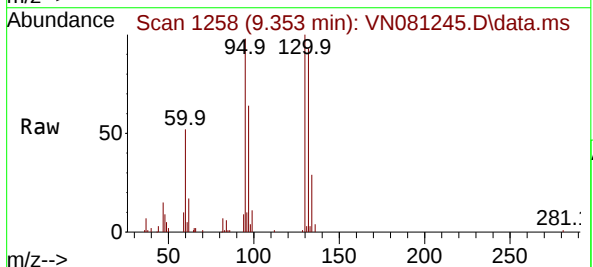
Manual Integrations
APPROVED

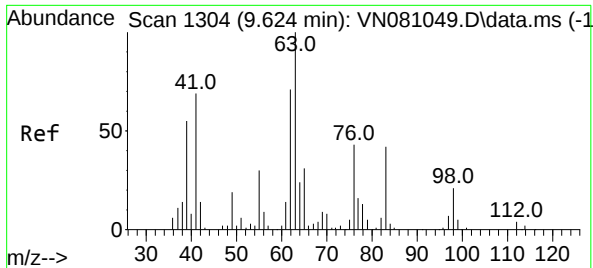
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#44
Trichloroethene
Concen: 19.176 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

Tgt Ion:130 Resp: 67145
Ion Ratio Lower Upper
130 100
95 98.4 0.0 210.4





#45

1,2-Dichloropropane

Concen: 21.259 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081245.D

Acq: 28 Feb 2024 16:05

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBSD01

Tgt Ion: 63 Resp: 69910

Ion Ratio Lower Upper

63 100

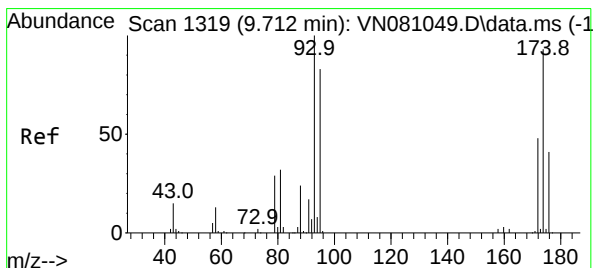
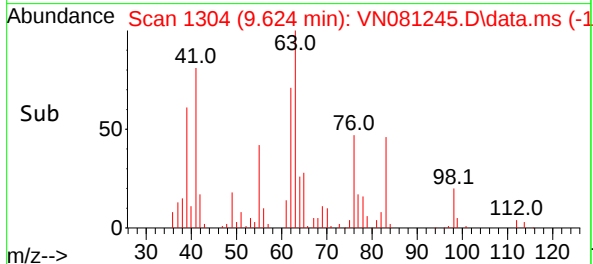
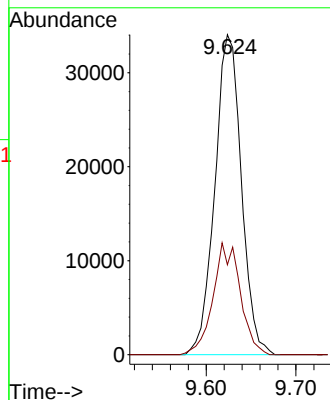
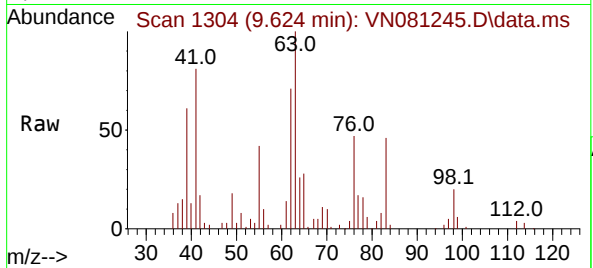
65 28.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#46

Dibromomethane

Concen: 20.627 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081245.D

Acq: 28 Feb 2024 16:05

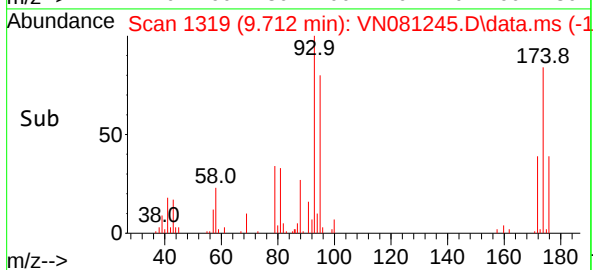
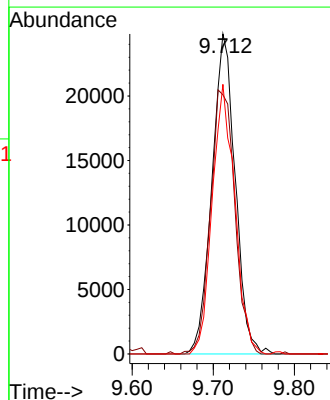
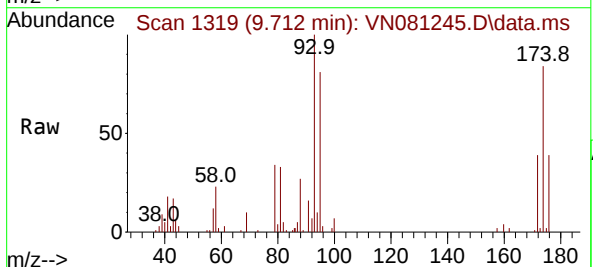
Tgt Ion: 93 Resp: 49425

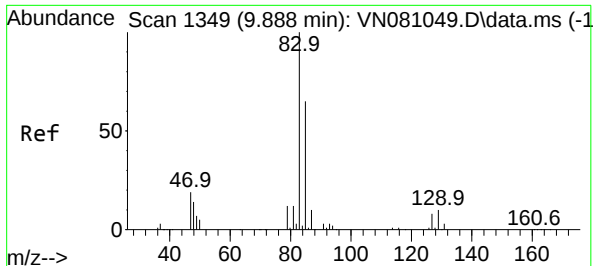
Ion Ratio Lower Upper

93 100

95 86.5 68.1 102.1

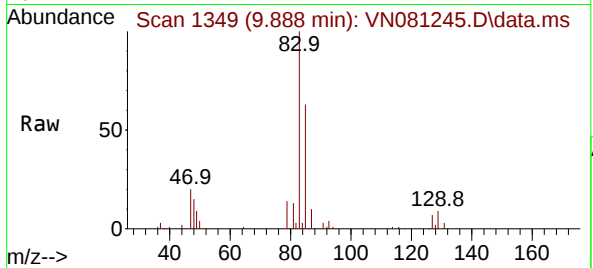
174 81.6 57.2 85.8





#47
Bromodichloromethane
Concen: 21.445 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

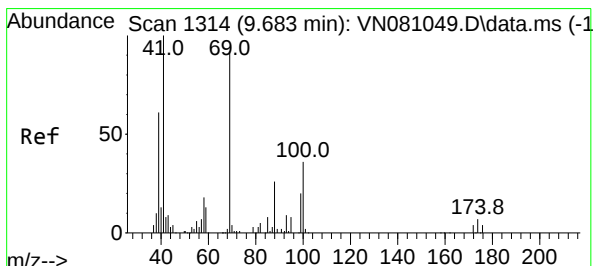
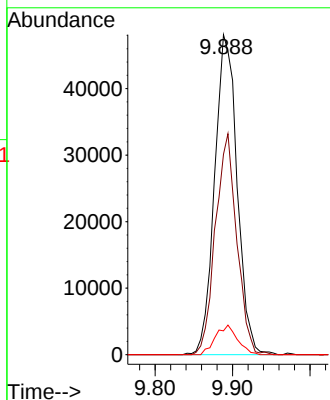
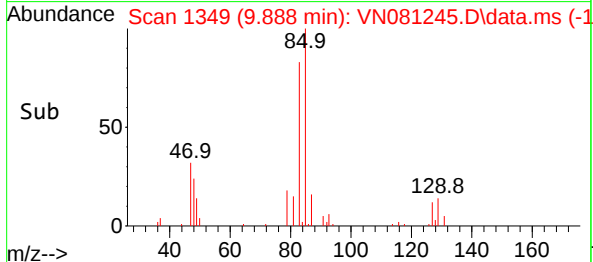
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01



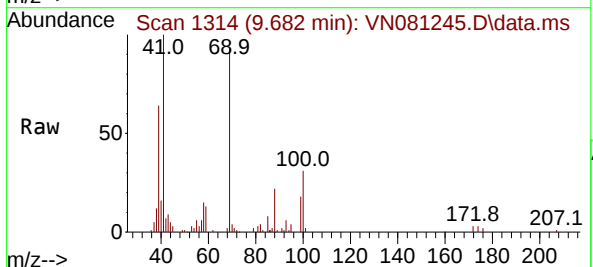
Tgt Ion: 83 Resp: 97320
Ion Ratio Lower Upper
83 100
85 62.6 52.3 78.5
127 7.5 4.6 7.0

Manual Integrations
APPROVED

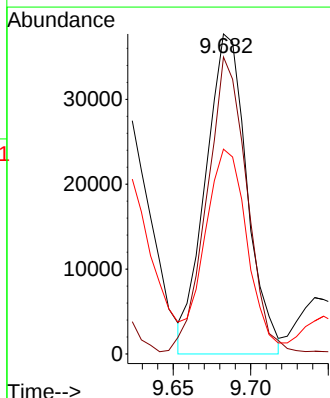
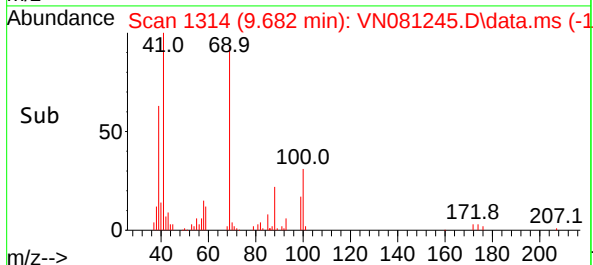
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

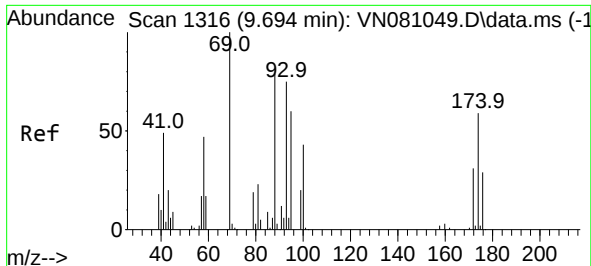


#48
Methyl methacrylate
Concen: 21.032 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05



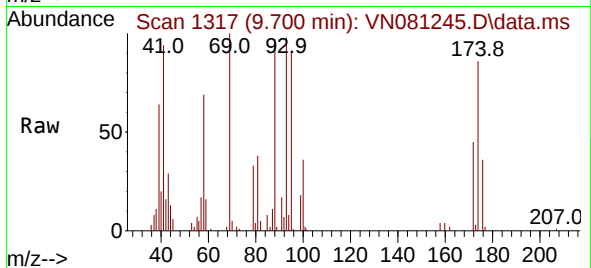
Tgt Ion: 41 Resp: 70161
Ion Ratio Lower Upper
41 100
69 90.6 62.2 93.2
39 66.6 47.6 71.4





#49
1,4-Dioxane
Concen: 482.903 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

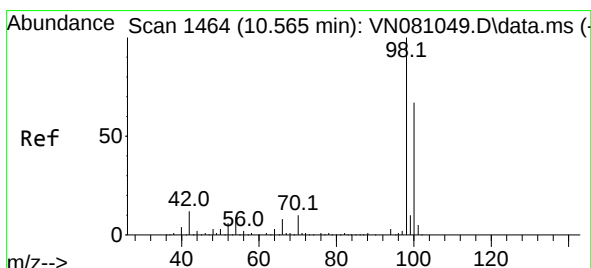
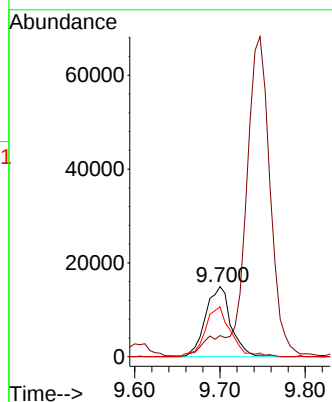
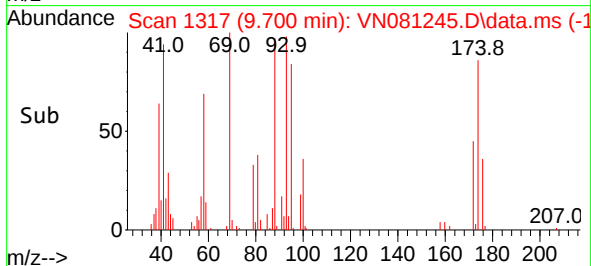
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01



Tgt Ion: 88 Resp: 3091
Ion Ratio Lower Upper
88 100
43 0.0 30.1 45.1
58 71.8 63.9 95.9

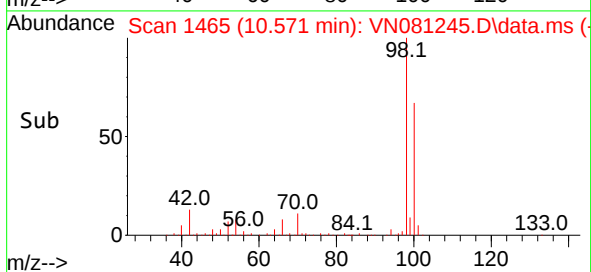
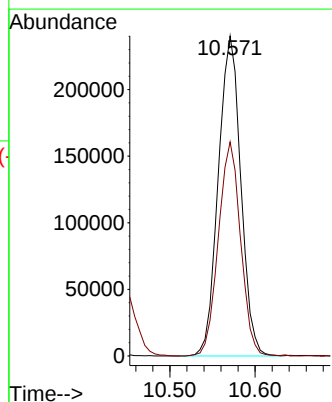
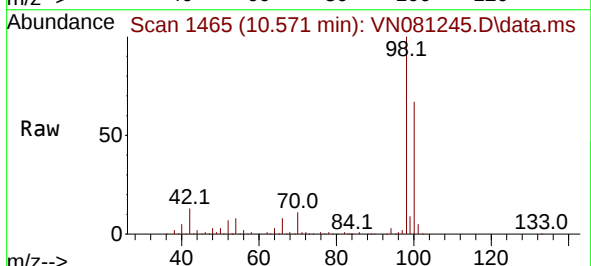
Manual Integrations
APPROVED

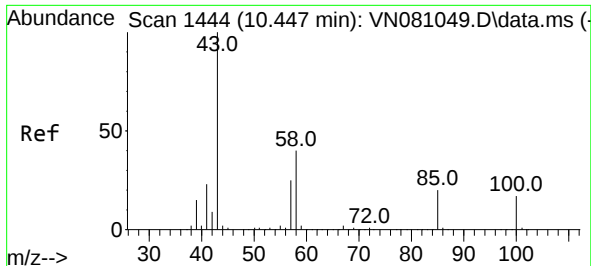
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#50
Toluene-d8
Concen: 46.764 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

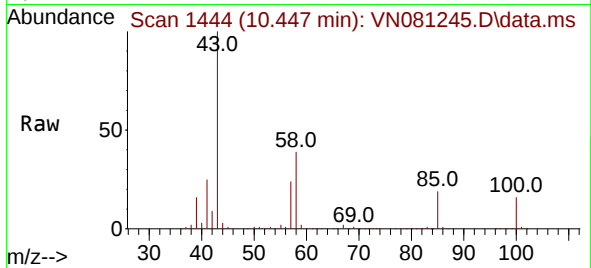
Tgt Ion: 98 Resp: 440332
Ion Ratio Lower Upper
98 100
100 66.1 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 120.958 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

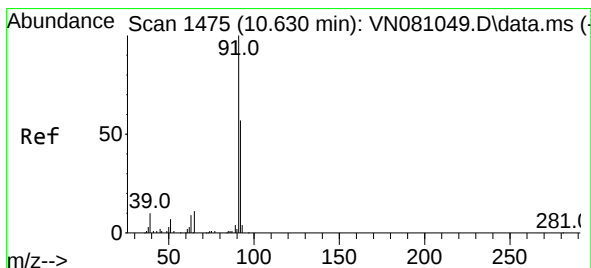
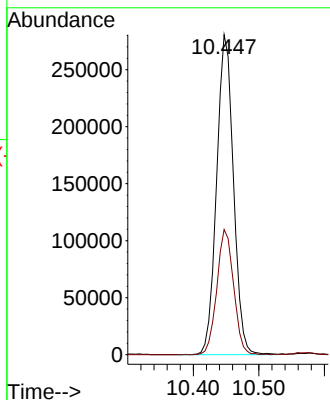
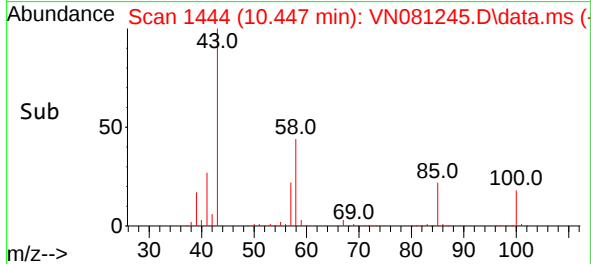
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01



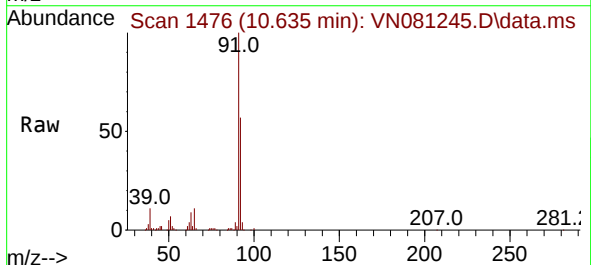
Tgt Ion: 43 Resp: 498839
Ion Ratio Lower Upper
43 100
58 38.9 29.4 44.0

Manual Integrations
APPROVED

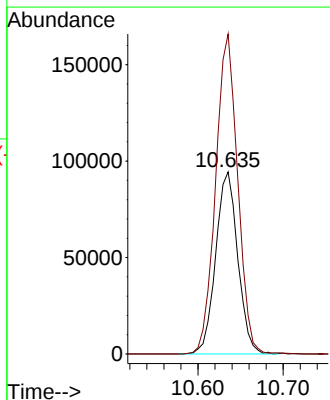
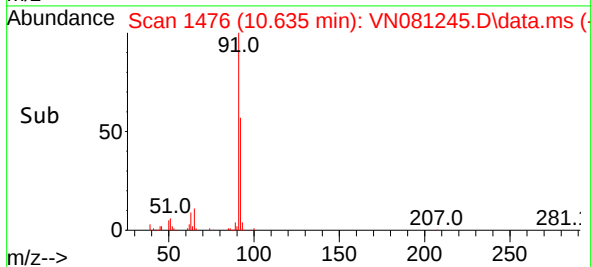
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

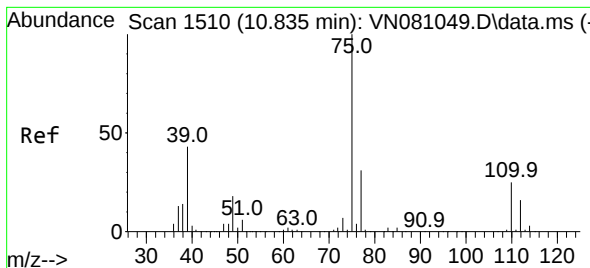


#52
Toluene
Concen: 20.383 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05



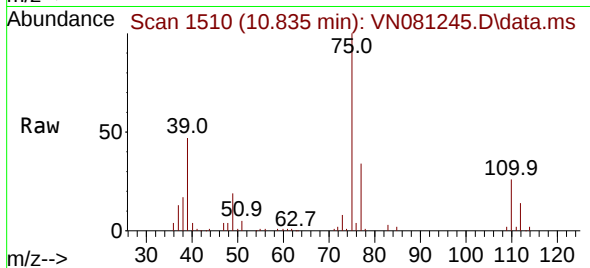
Tgt Ion: 92 Resp: 169639
Ion Ratio Lower Upper
92 100
91 175.9 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 19.708 ug/l
RT: 10.835 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

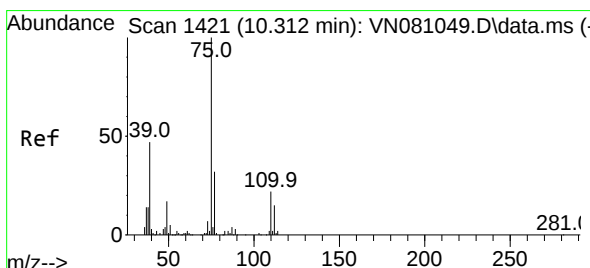
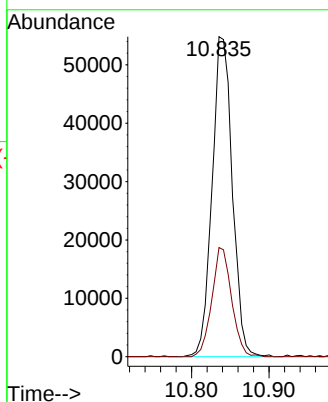
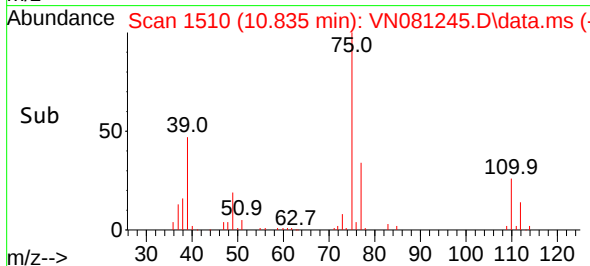
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01



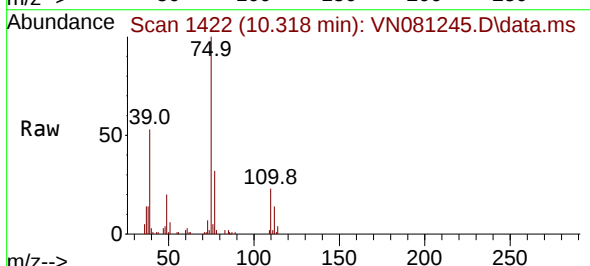
Tgt Ion: 75 Resp: 99384
Ion Ratio Lower Upper
75 100
77 34.1 25.5 38.3

Manual Integrations
APPROVED

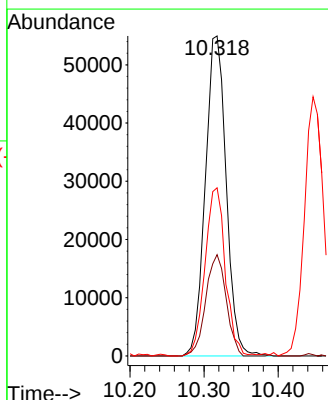
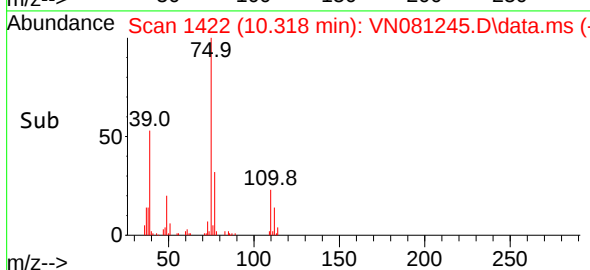
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

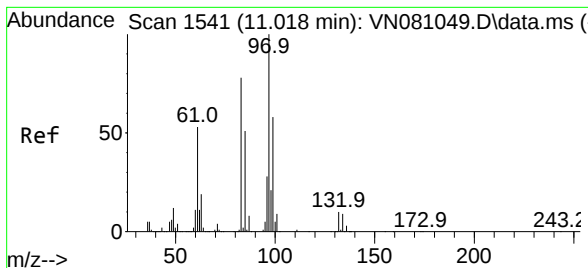


#54
cis-1,3-Dichloropropene
Concen: 19.681 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05



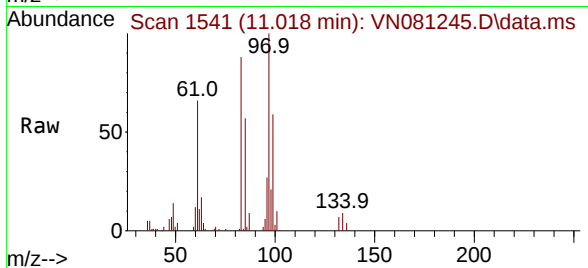
Tgt Ion: 75 Resp: 107233
Ion Ratio Lower Upper
75 100
77 31.6 23.3 34.9
39 52.6 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 21.720 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01

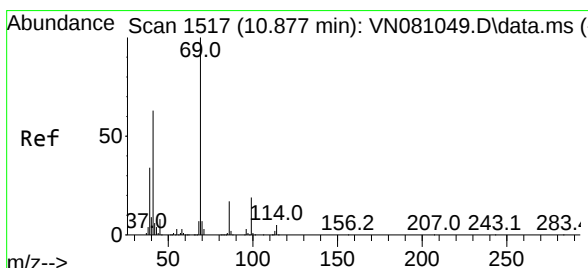
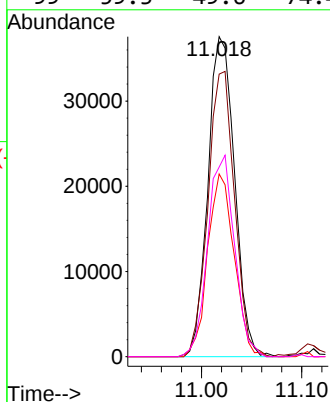
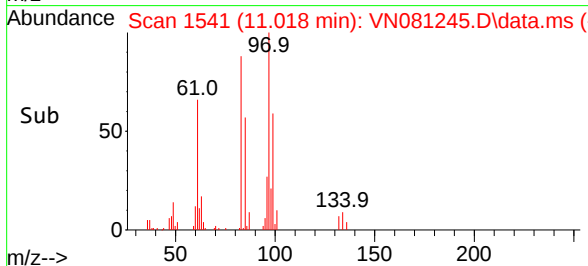


Tgt Ion: 97 Resp: 69528

Ion	Ratio	Lower	Upper
97	100		
83	88.3	72.9	109.3
85	57.1	50.2	75.2
99	59.3	49.6	74.4

Manual Integrations
APPROVED

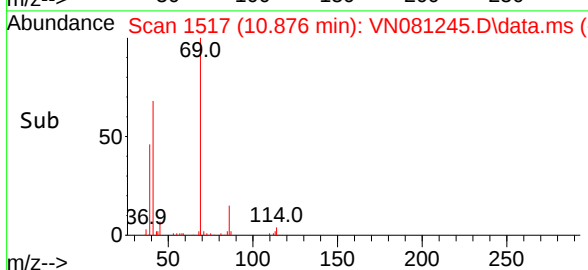
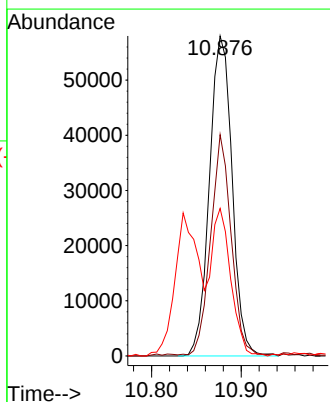
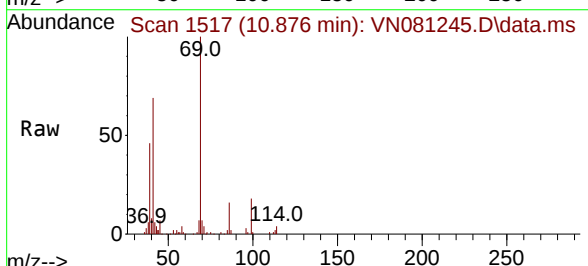
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#56
Ethyl methacrylate
Concen: 20.777 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

Tgt Ion: 69 Resp: 101649

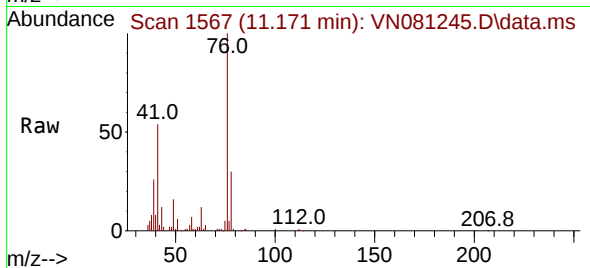
Ion	Ratio	Lower	Upper
69	100		
41	61.9	61.0	91.6
39	40.1	31.8	47.6





#57
1,3-Dichloropropane
Concen: 21.878 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

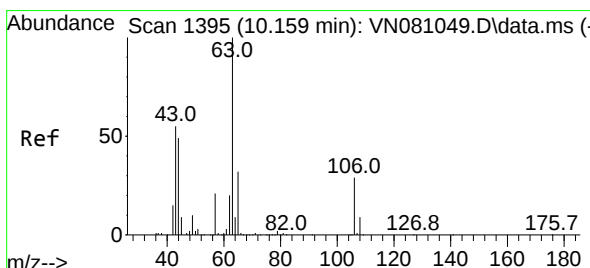
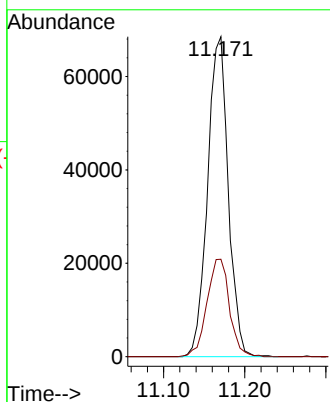
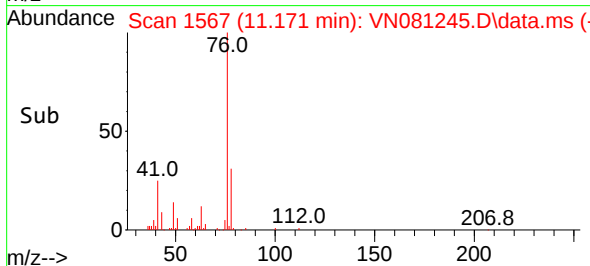
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01



Tgt Ion: 76 Resp: 121094
Ion Ratio Lower Upper
76 100
78 33.2 25.5 38.3

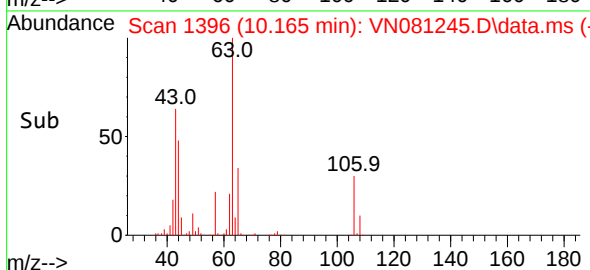
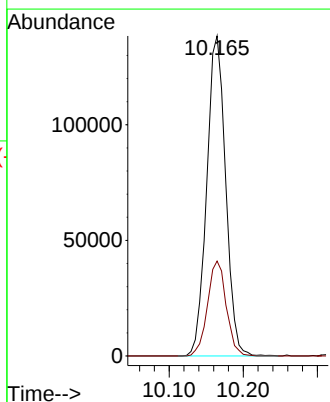
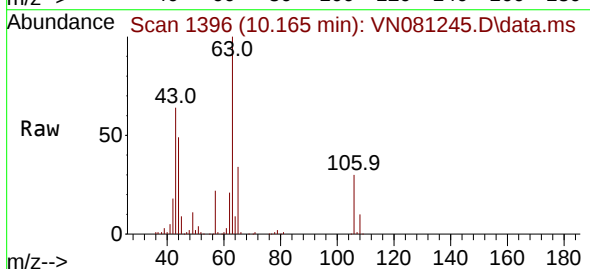
Manual Integrations
APPROVED

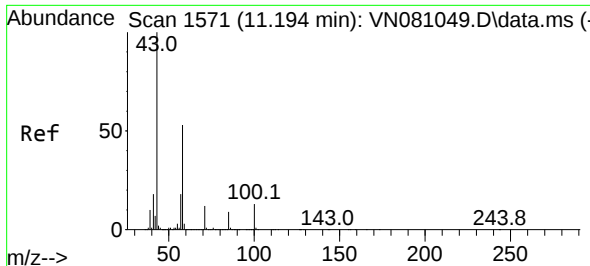
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#58
2-Chloroethyl Vinyl ether
Concen: 99.864 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

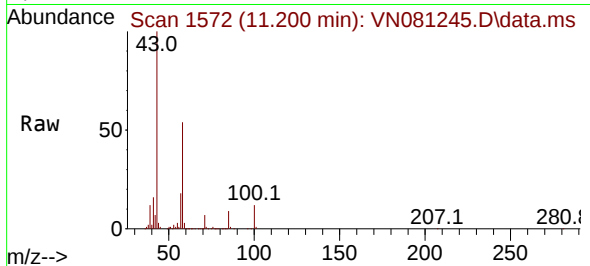
Tgt Ion: 63 Resp: 245134
Ion Ratio Lower Upper
63 100
106 29.4 18.6 28.0#





#59
2-Hexanone
Concen: 114.961 ug/l
RT: 11.200 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

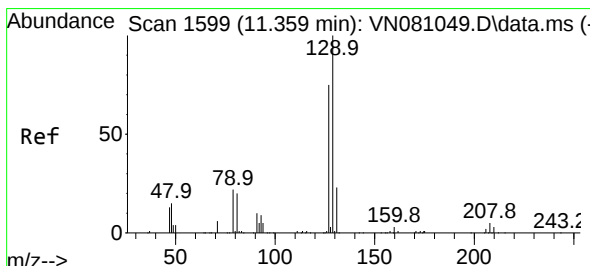
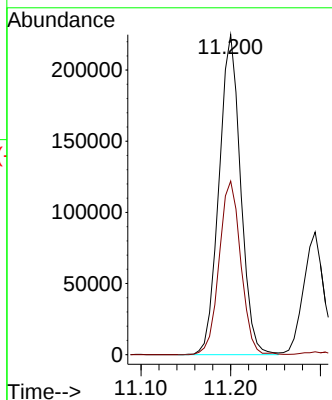
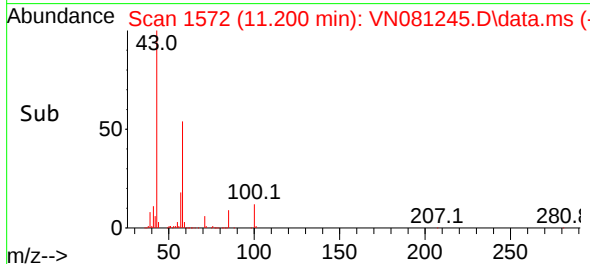
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01



Tgt Ion: 43 Resp: 375869
Ion Ratio Lower Upper
43 100
58 54.3 25.9 77.8

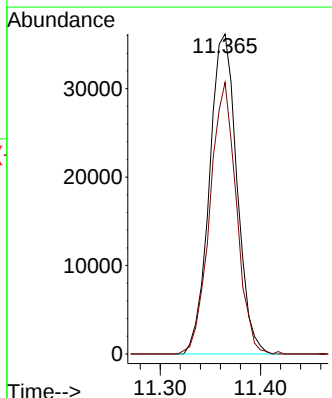
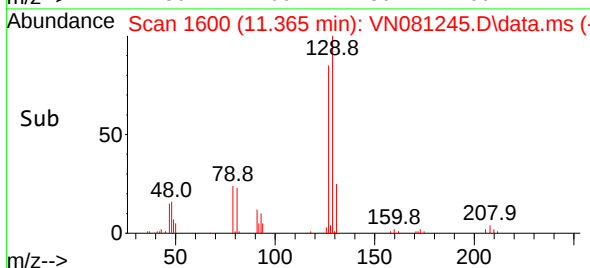
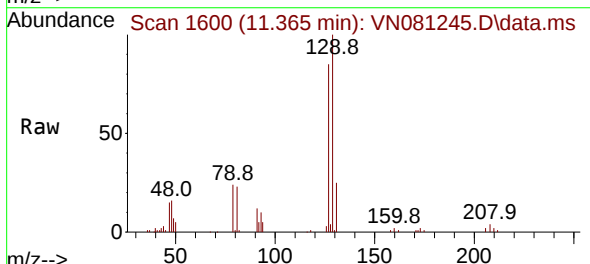
Manual Integrations
APPROVED

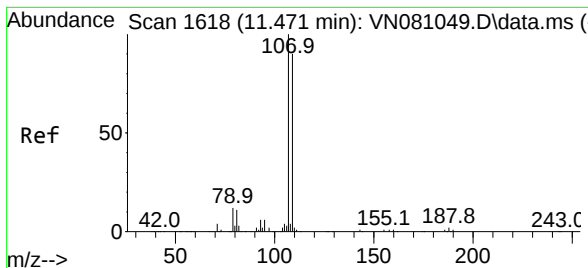
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#60
Dibromochloromethane
Concen: 20.208 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

Tgt Ion:129 Resp: 68721
Ion Ratio Lower Upper
129 100
127 81.8 39.4 118.2





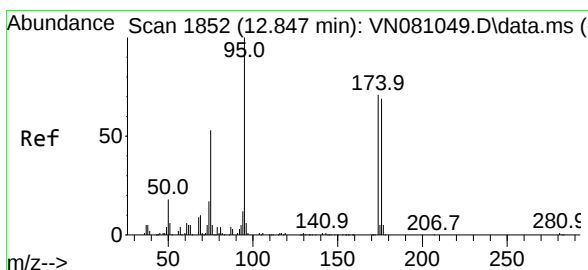
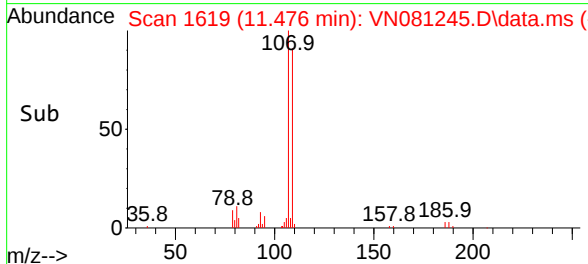
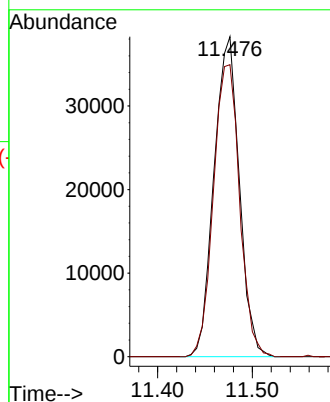
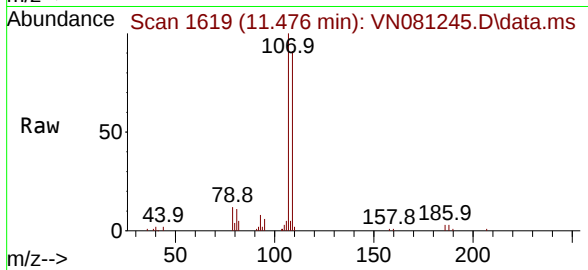
#61
1,2-Dibromoethane
Concen: 21.089 ug/l
RT: 11.476 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01

Tgt Ion:107 Resp: 70990
Ion Ratio Lower Upper
107 100
109 94.7 73.4 110.2

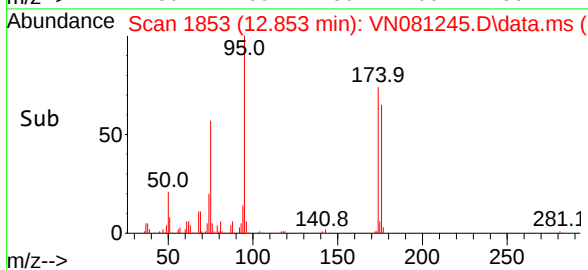
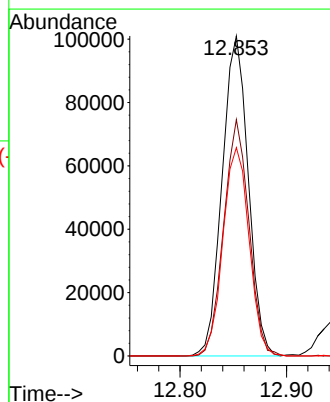
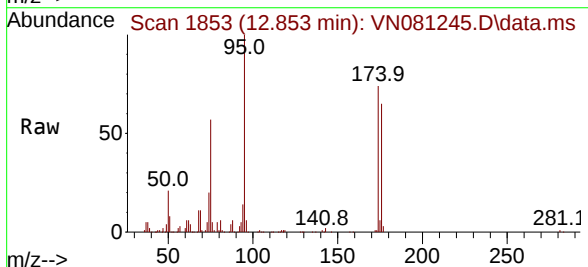
Manual Integrations
APPROVED

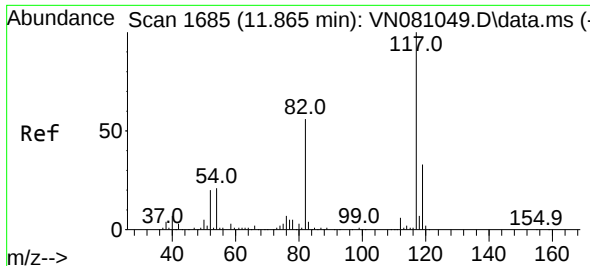
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#62
4-Bromofluorobenzene
Concen: 48.483 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

Tgt Ion: 95 Resp: 171538
Ion Ratio Lower Upper
95 100
174 71.3 0.0 120.4
176 65.4 0.0 121.0





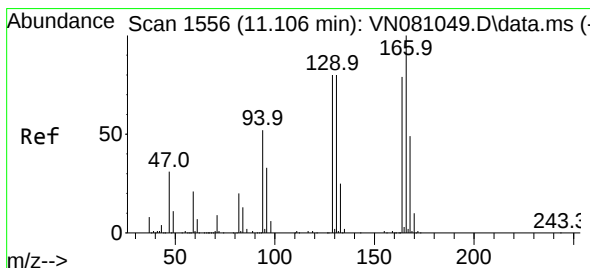
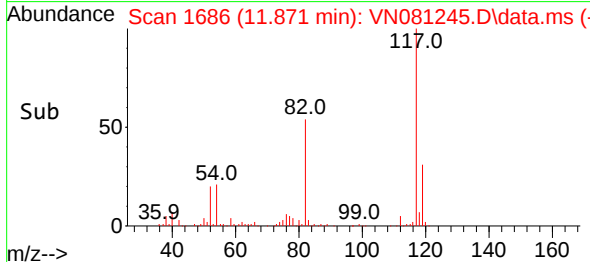
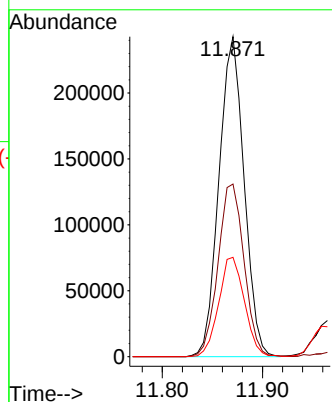
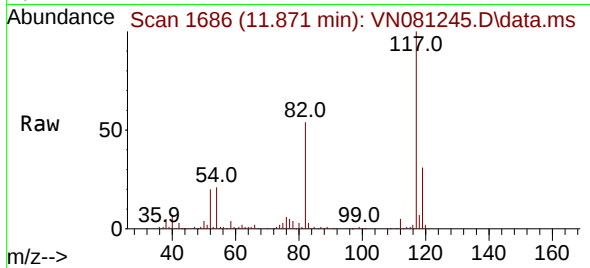
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01

Tgt Ion:117 Resp: 42168
Ion Ratio Lower Upper
117 100
82 53.9 52.7 79.1
119 31.0 25.3 37.9

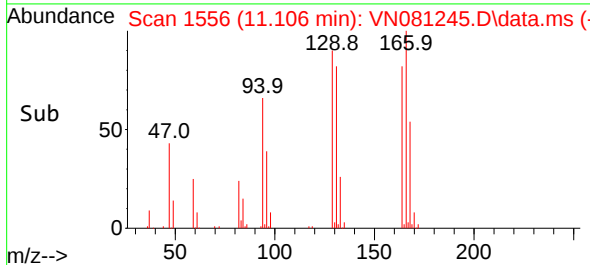
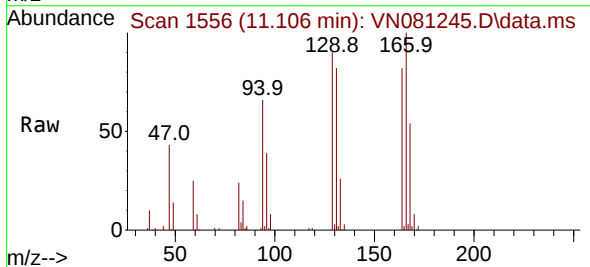
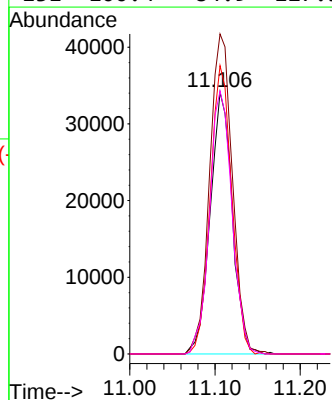
Manual Integrations
APPROVED

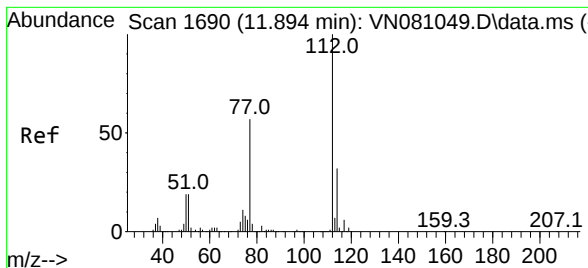
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#64
Tetrachloroethene
Concen: 21.329 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

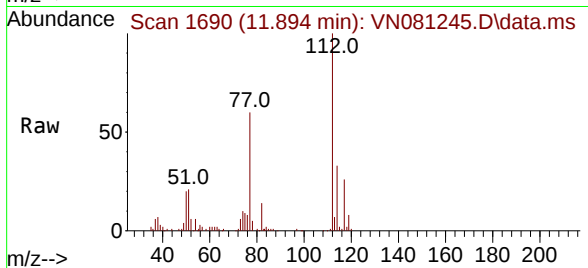
Tgt Ion:164 Resp: 61384
Ion Ratio Lower Upper
164 100
166 122.3 105.8 158.6
129 110.2 89.6 134.4
131 100.4 84.9 127.3





#65
Chlorobenzene
Concen: 19.782 ug/l
RT: 11.894 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

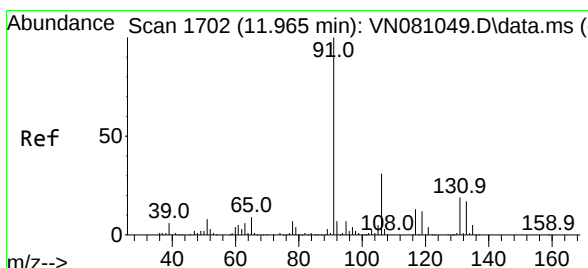
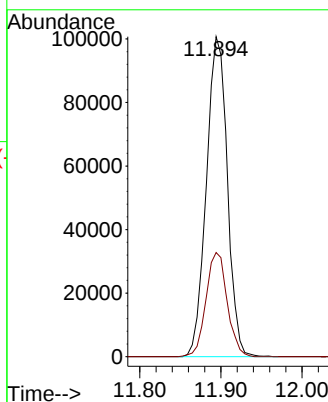
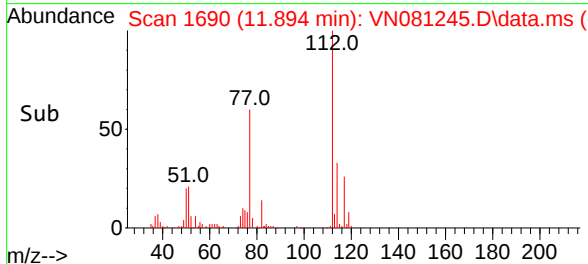
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01



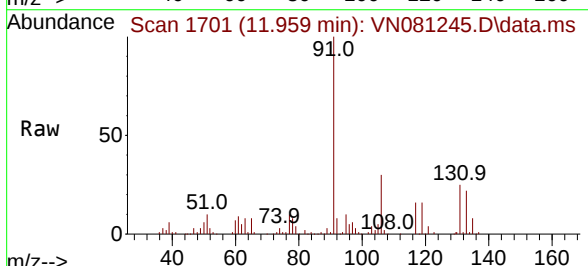
Tgt Ion:112 Resp: 18054
Ion Ratio Lower Upper
112 100
114 32.6 23.7 35.5

Manual Integrations
APPROVED

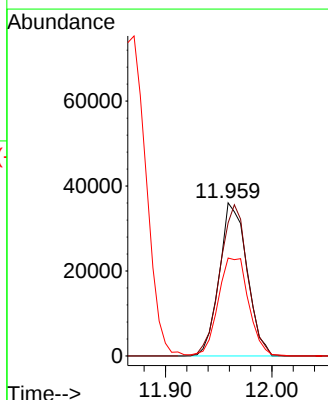
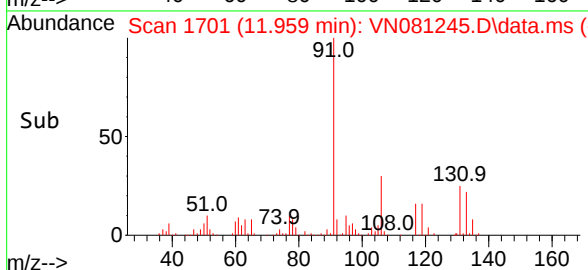
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

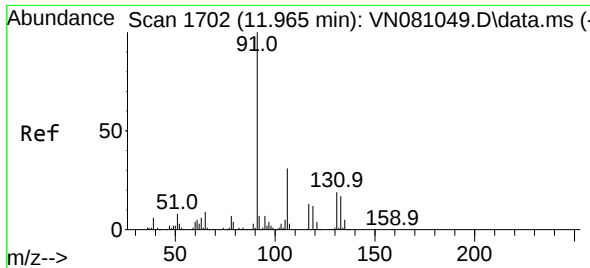


#66
1,1,1,2-Tetrachloroethane
Concen: 19.828 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05



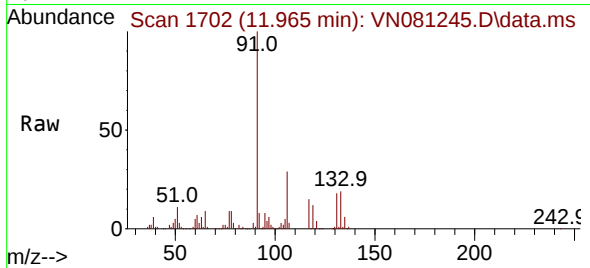
Tgt Ion:131 Resp: 64996
Ion Ratio Lower Upper
131 100
133 99.1 46.8 140.3
119 70.4 34.6 103.9





#67
Ethyl Benzene
Concen: 19.570 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

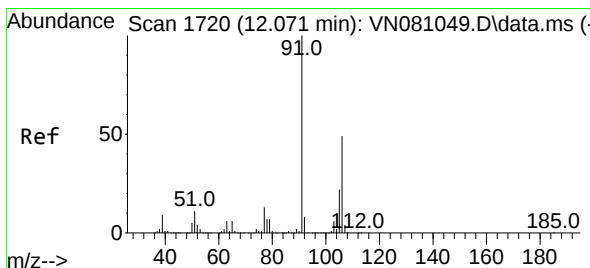
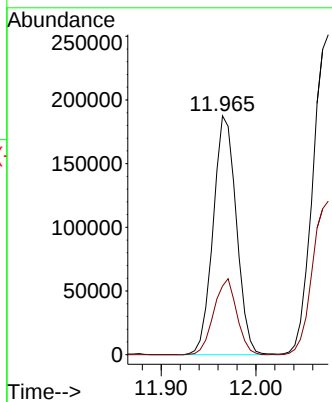
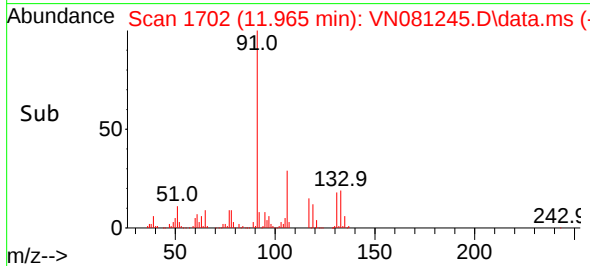
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01



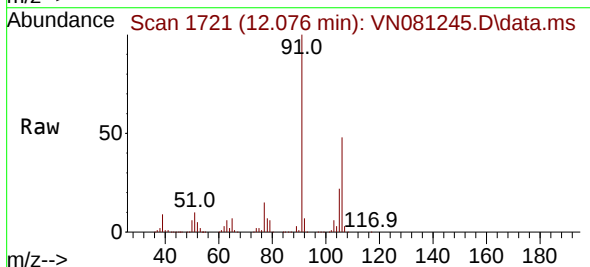
Tgt Ion: 91 Resp: 319604
Ion Ratio Lower Upper
91 100
106 28.8 23.8 35.6

Manual Integrations
APPROVED

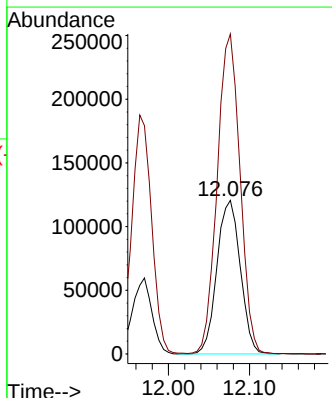
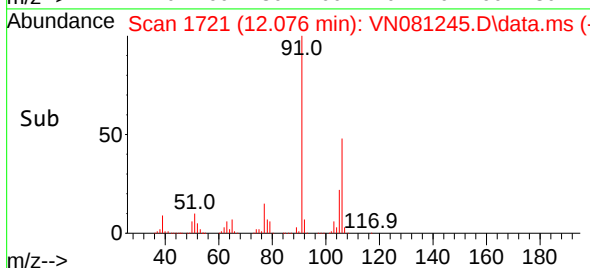
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

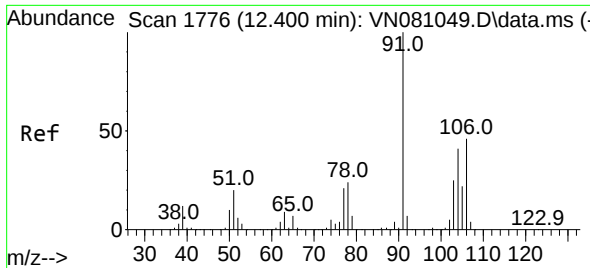


#68
m/p-Xylenes
Concen: 38.578 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05



Tgt Ion:106 Resp: 241487
Ion Ratio Lower Upper
106 100
91 203.9 169.0 253.6





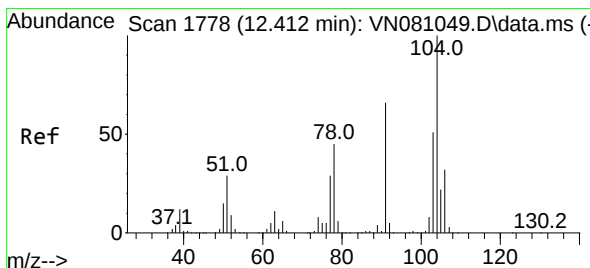
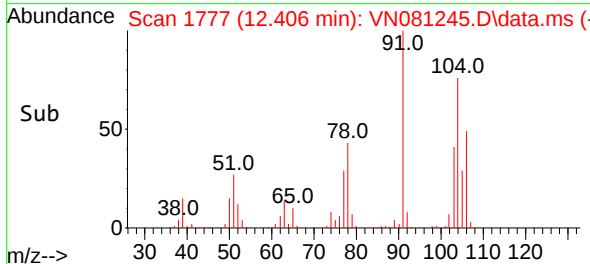
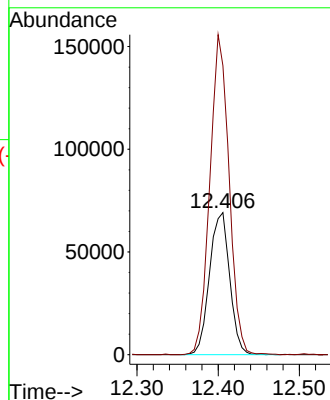
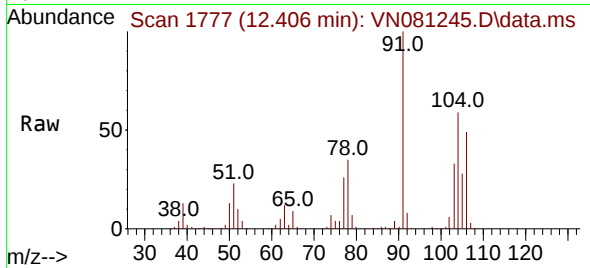
#69
o-Xylene
Concen: 19.255 ug/l
RT: 12.406 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01

Tgt Ion:106 Resp: 11947
Ion Ratio Lower Upper
106 100
91 214.6 112.1 336.3

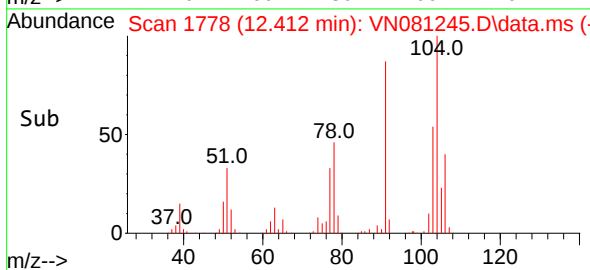
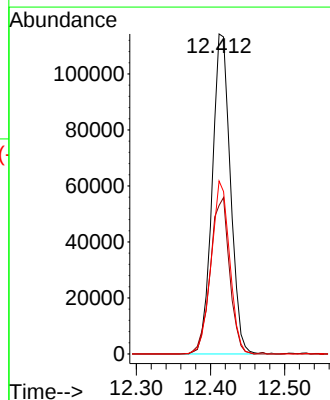
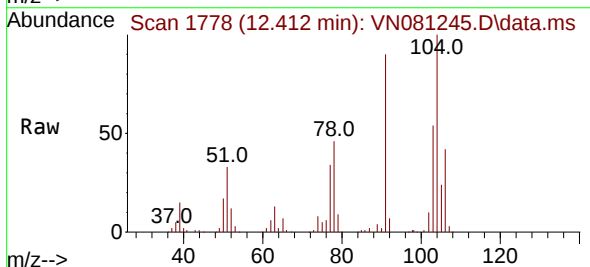
Manual Integrations
APPROVED

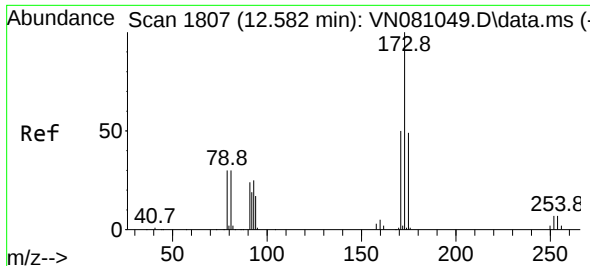
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#70
Styrene
Concen: 19.845 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

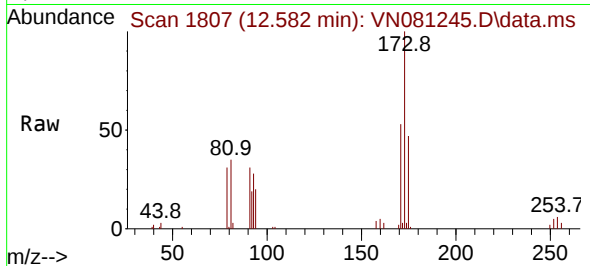
Tgt Ion:104 Resp: 195124
Ion Ratio Lower Upper
104 100
78 51.5 43.8 65.8
103 54.8 44.2 66.2





#71
Bromoform
Concen: 21.865 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

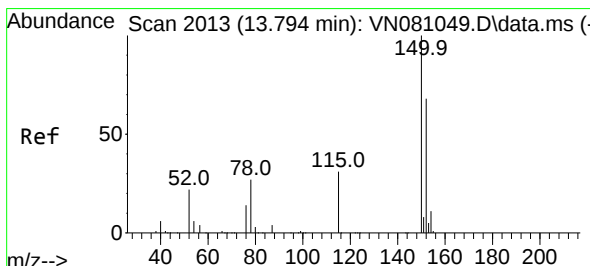
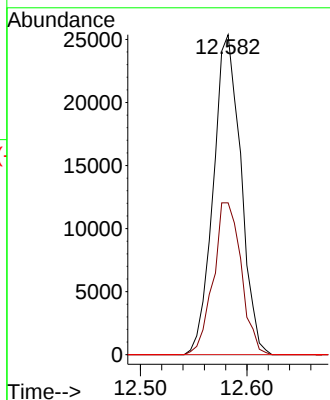
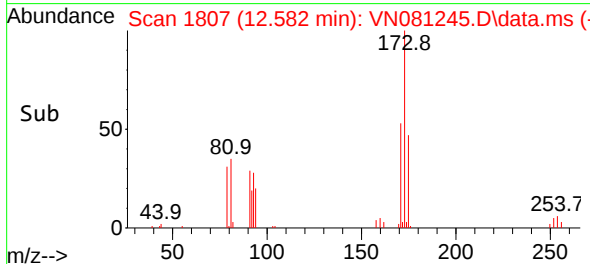
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01



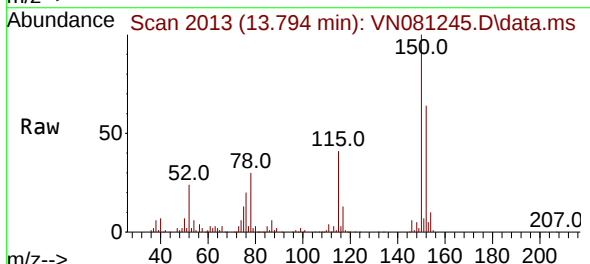
Tgt Ion:173 Resp: 45474
Ion Ratio Lower Upper
173 100
175 48.0 23.1 69.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

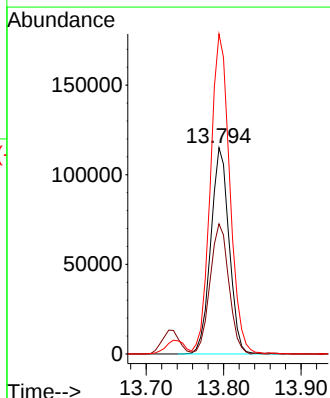
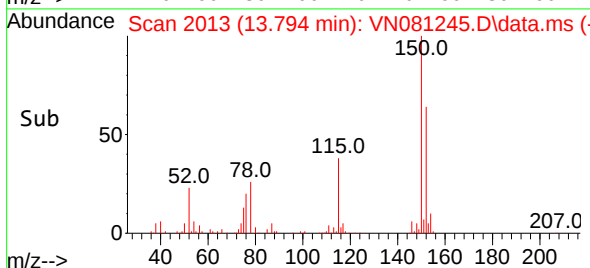
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

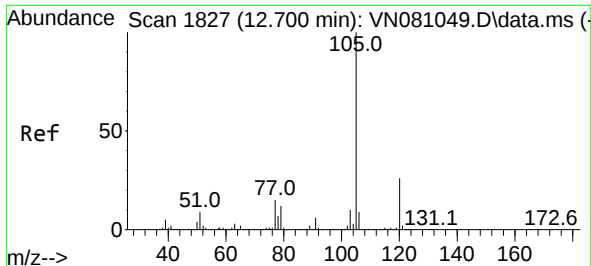


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05



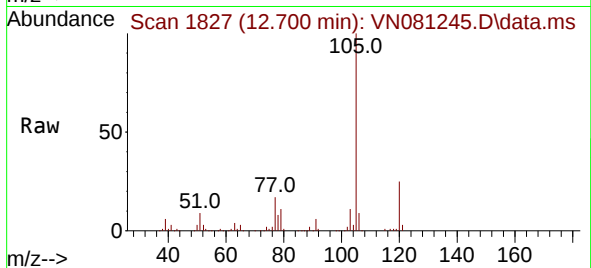
Tgt Ion:152 Resp: 188958
Ion Ratio Lower Upper
152 100
115 64.9 32.3 96.8
150 164.1 0.0 339.8





#73
Isopropylbenzene
Concen: 18.759 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

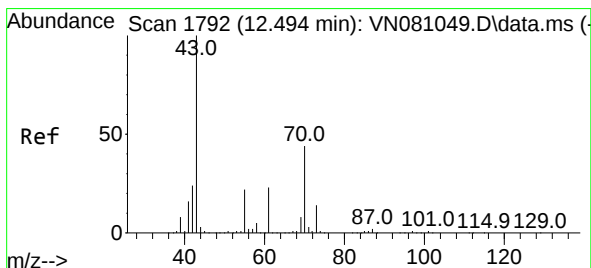
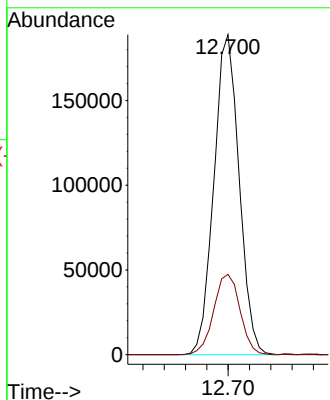
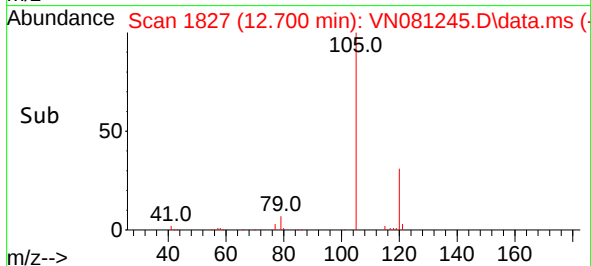
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01



Tgt Ion:105 Resp: 31013
Ion Ratio Lower Upper
105 100
120 26.2 12.6 37.6

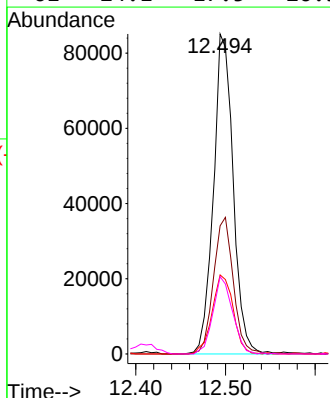
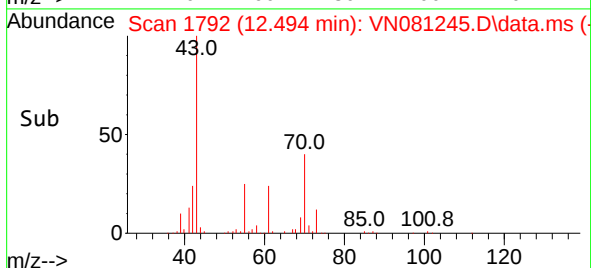
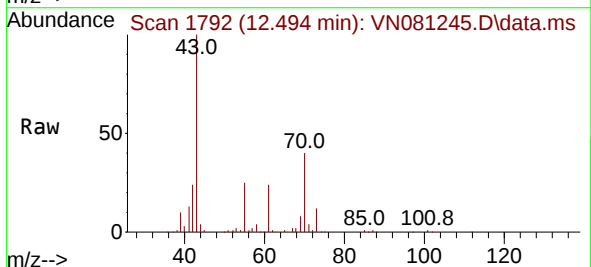
Manual Integrations
APPROVED

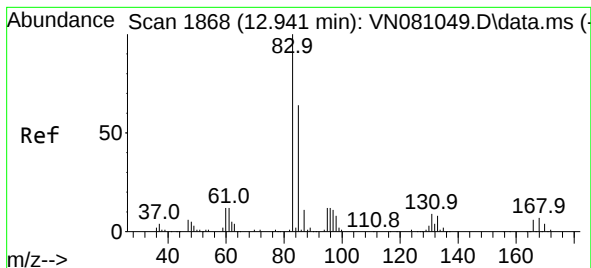
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#74
N-ethyl acetate
Concen: 18.601 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

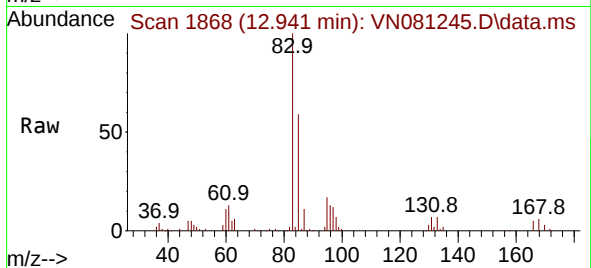
Tgt Ion: 43 Resp: 129973
Ion Ratio Lower Upper
43 100
70 42.9 30.1 45.1
55 26.3 17.0 25.4#
61 24.1 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 21.814 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

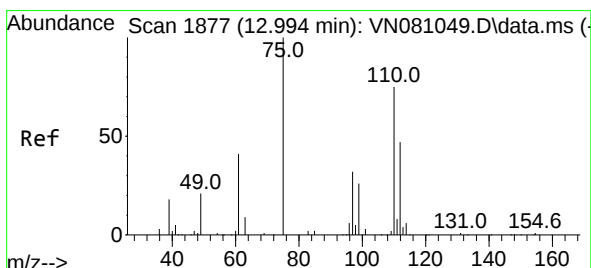
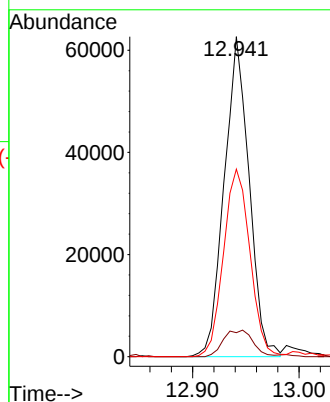
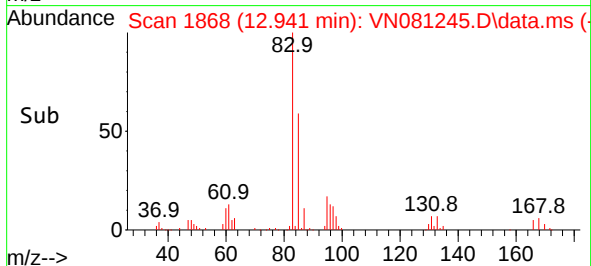
Instrument : MSVOA_N
ClientSampleId : VN0228WBSD01



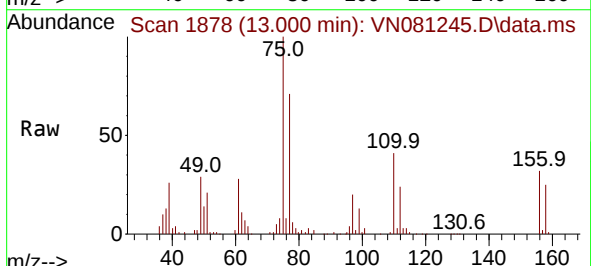
Tgt Ion: 83 Resp: 10141
Ion Ratio Lower Upper
83 100
131 9.9 4.1 12.3
85 62.5 32.1 96.3

Manual Integrations
APPROVED

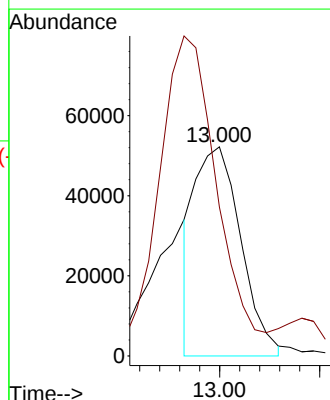
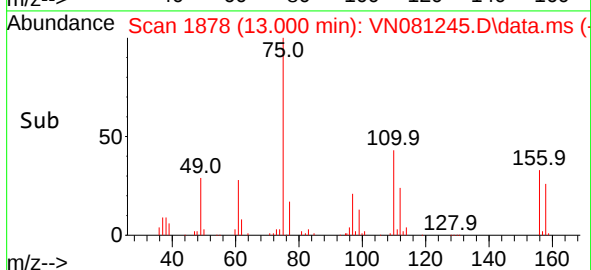
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

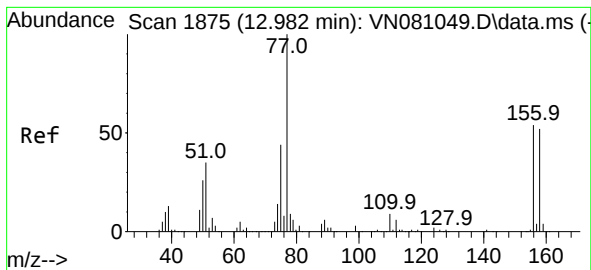


#76
1,2,3-Trichloropropane
Concen: 19.358 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05



Tgt Ion: 75 Resp: 83108
Ion Ratio Lower Upper
75 100
77 195.2 91.0 272.8





#77

Bromobenzene

Concen: 19.217 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081245.D

Acq: 28 Feb 2024 16:05

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBSD01

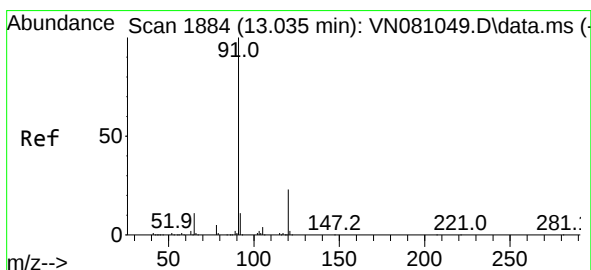
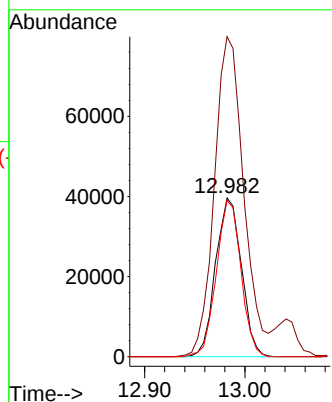
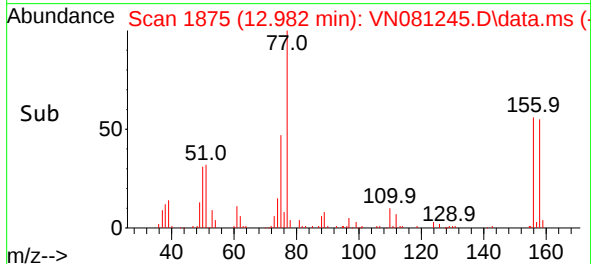
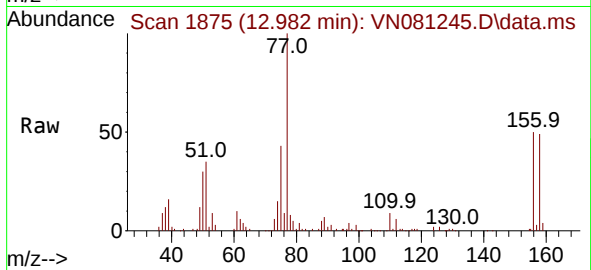
Tgt Ion:156 Resp: 70840
 Ion Ratio Lower Upper
 156 100
 77 229.0 138.1 414.3
 158 93.6 46.5 139.5

Manual Integrations

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Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#78

n-propylbenzene

Concen: 19.414 ug/l

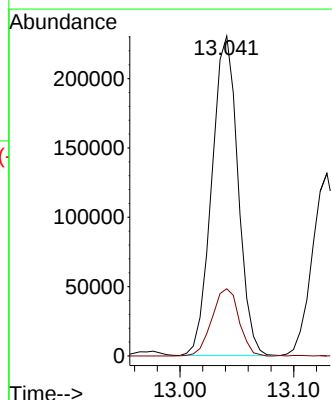
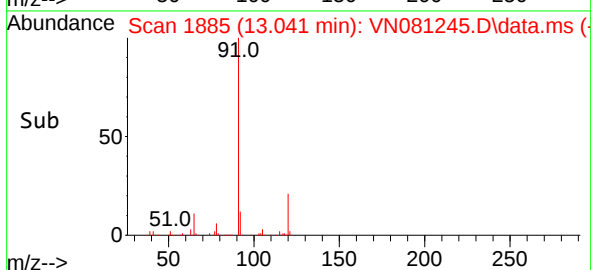
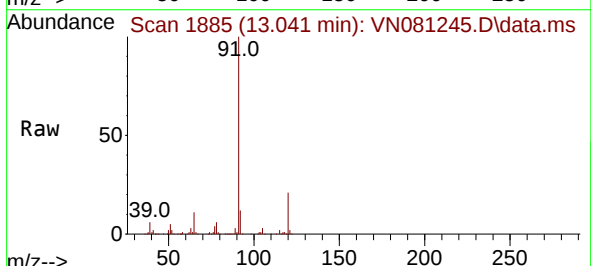
RT: 13.041 min Scan# 1885

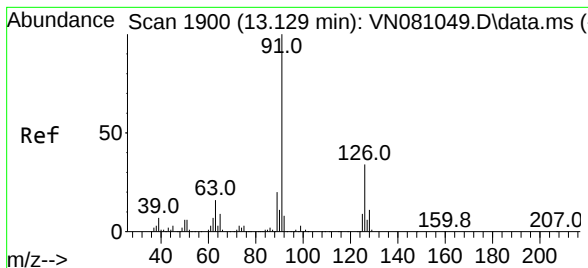
Delta R.T. 0.006 min

Lab File: VN081245.D

Acq: 28 Feb 2024 16:05

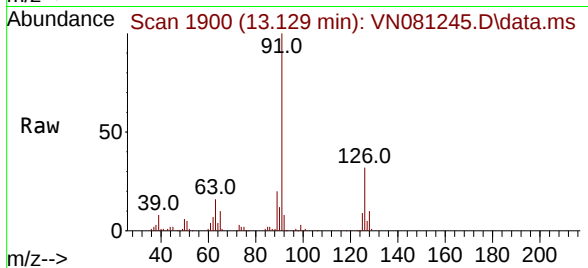
Tgt Ion: 91 Resp: 369494
 Ion Ratio Lower Upper
 91 100
 120 21.7 10.3 30.9





#79
2-Chlorotoluene
Concen: 19.016 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

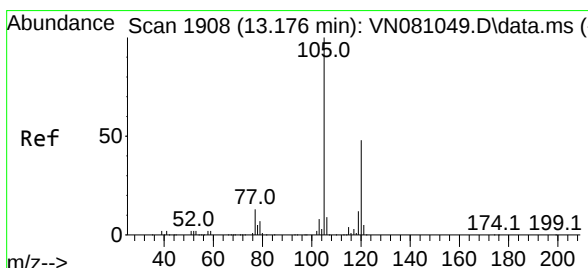
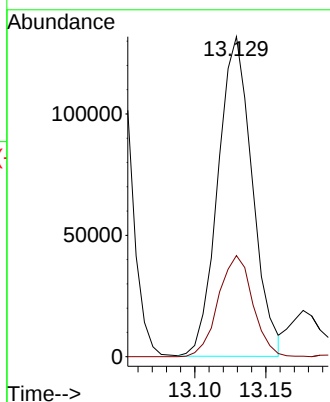
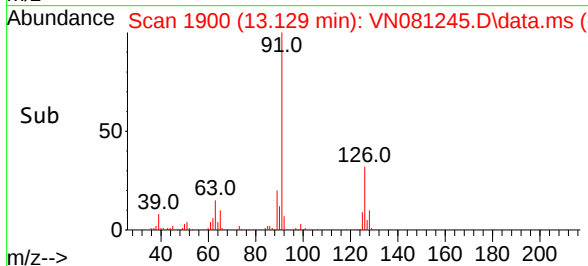
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01



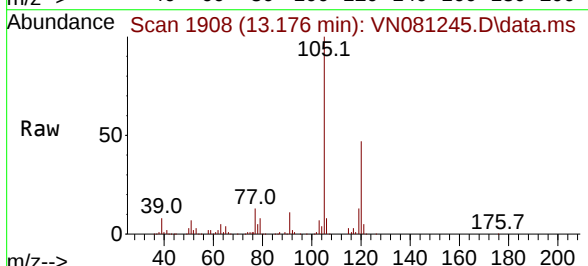
Tgt Ion: 91 Resp: 22198
Ion Ratio Lower Upper
91 100
126 31.6 14.8 44.4

Manual Integrations
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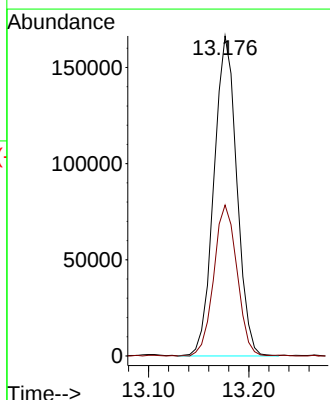
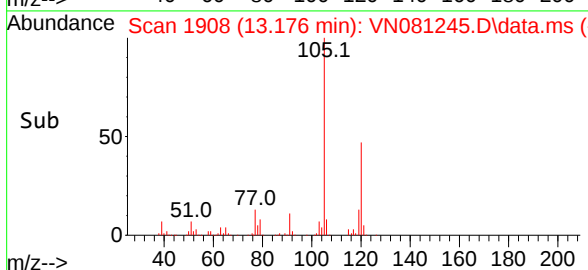
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

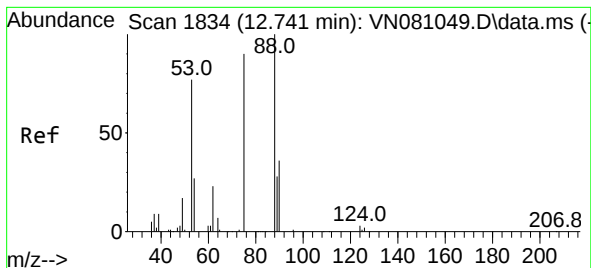


#80
1,3,5-Trimethylbenzene
Concen: 19.677 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05



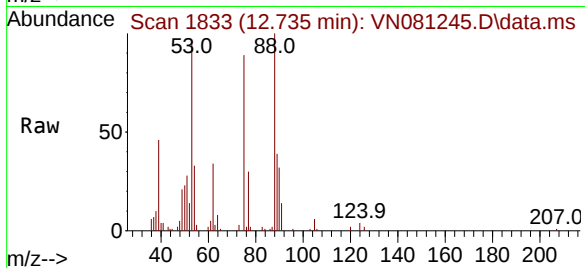
Tgt Ion:105 Resp: 263760
Ion Ratio Lower Upper
105 100
120 47.8 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 18.254 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

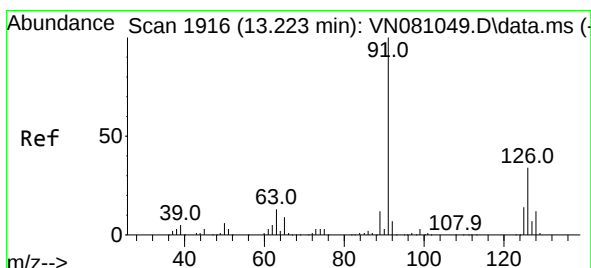
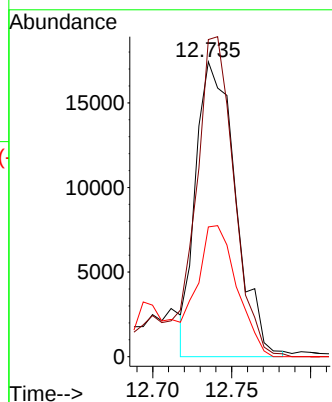
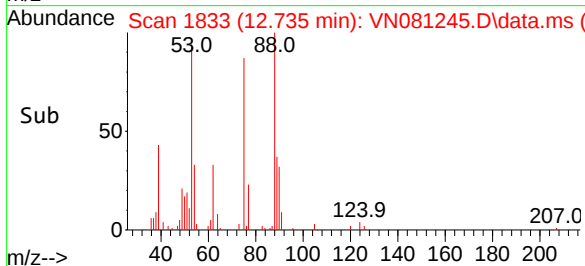
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01



Tgt Ion: 75 Resp: 3044
Ion Ratio Lower Upper
75 100
53 115.8 71.4 107.2
89 44.5 33.4 50.0

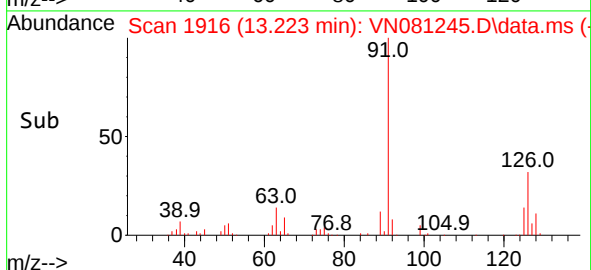
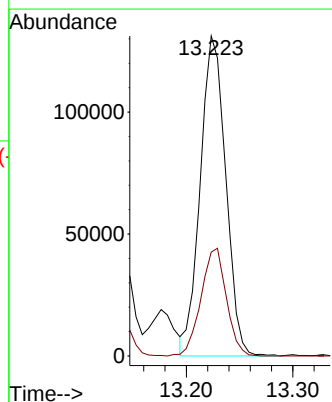
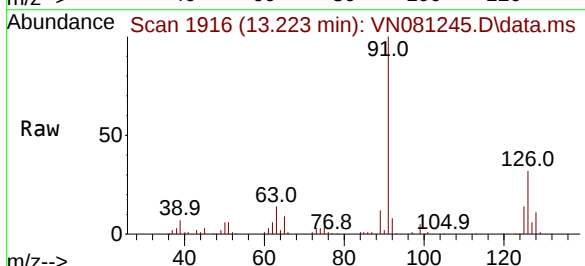
Manual Integrations
APPROVED

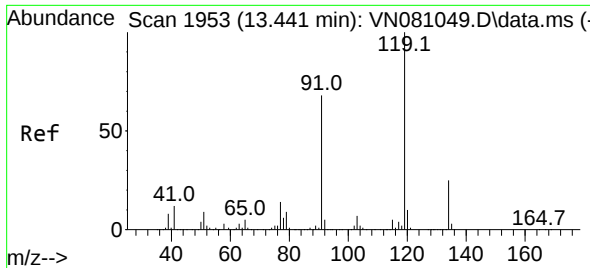
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#82
4-Chlorotoluene
Concen: 19.121 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

Tgt Ion: 91 Resp: 218256
Ion Ratio Lower Upper
91 100
126 33.5 15.3 45.9





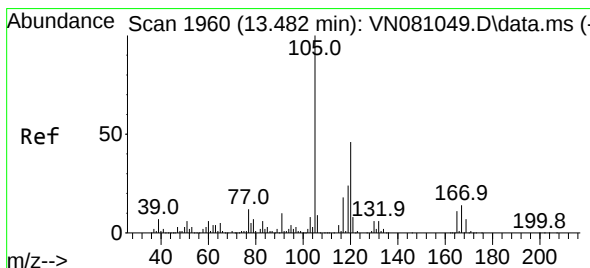
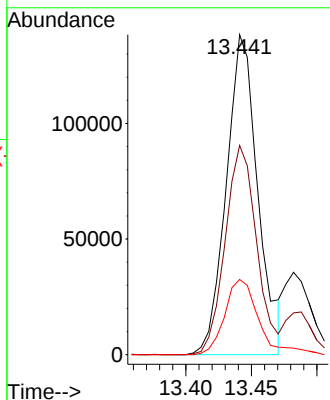
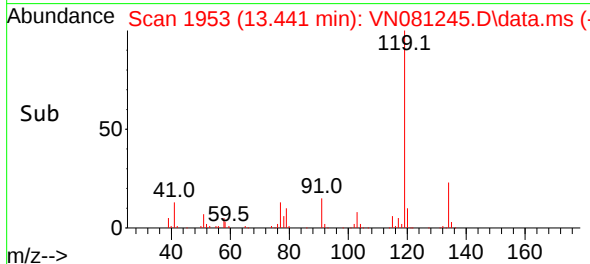
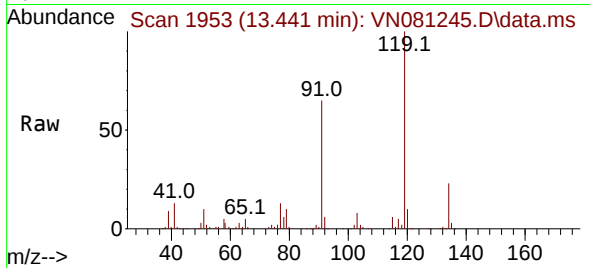
#83
tert-Butylbenzene
Concen: 19.978 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01

Tgt Ion:119 Resp: 23155
Ion Ratio Lower Upper
119 100
91 65.2 36.8 110.4
134 25.3 12.4 37.4

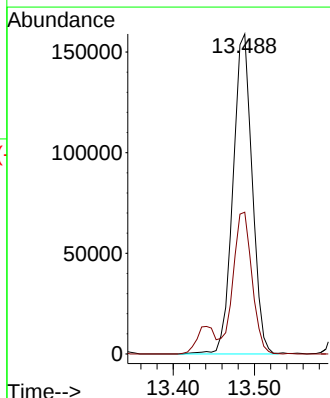
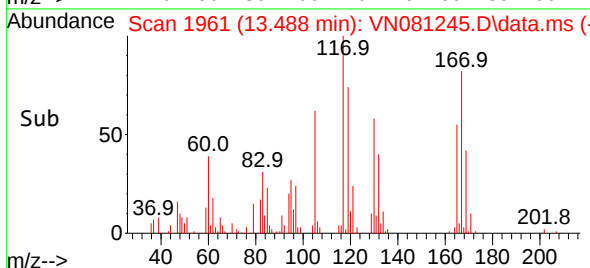
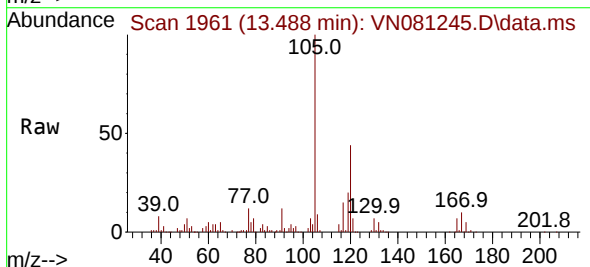
Manual Integrations
APPROVED

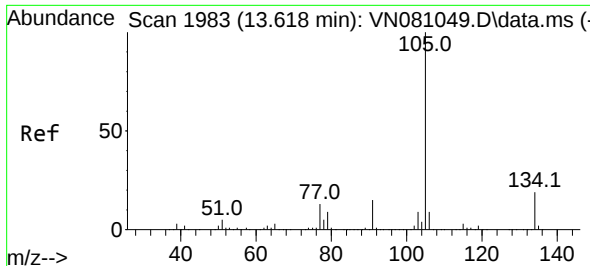
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#84
1,2,4-Trimethylbenzene
Concen: 19.486 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

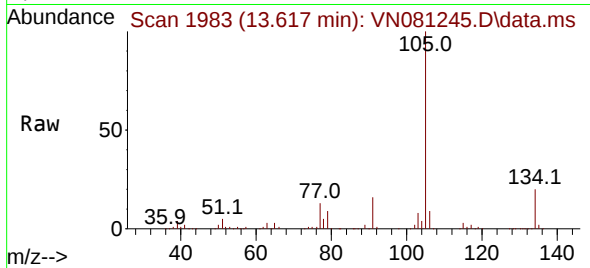
Tgt Ion:105 Resp: 260281
Ion Ratio Lower Upper
105 100
120 44.4 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 20.137 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081245.D
 Acq: 28 Feb 2024 16:05

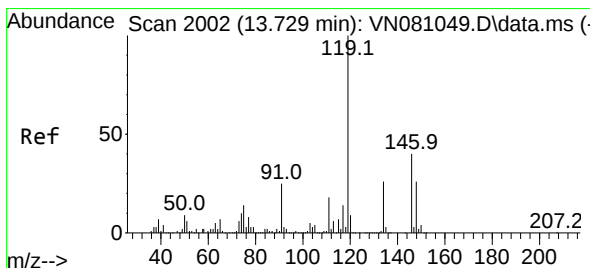
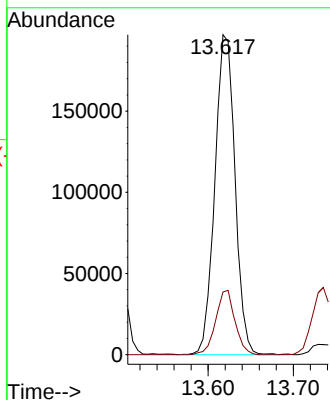
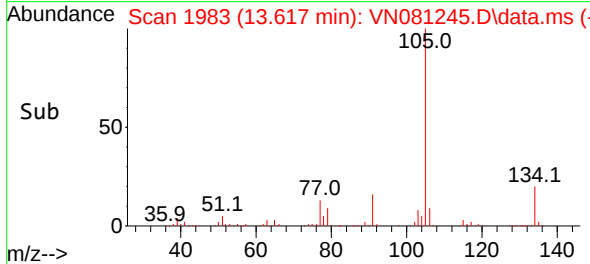
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228WBSD01



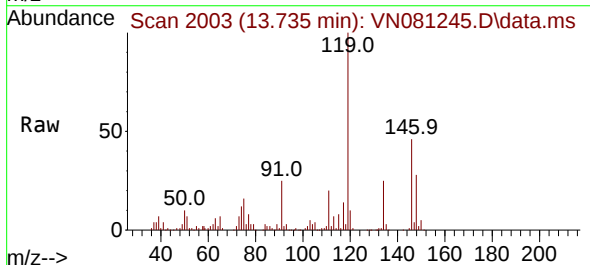
Tgt Ion:105 Resp: 324469
 Ion Ratio Lower Upper
 105 100
 134 19.2 8.6 25.8

Manual Integrations
 APPROVED

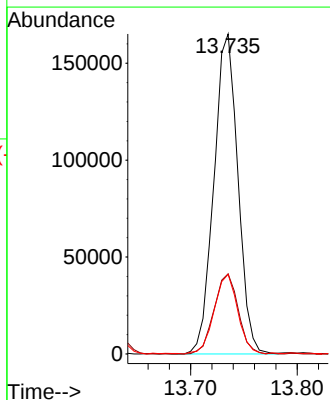
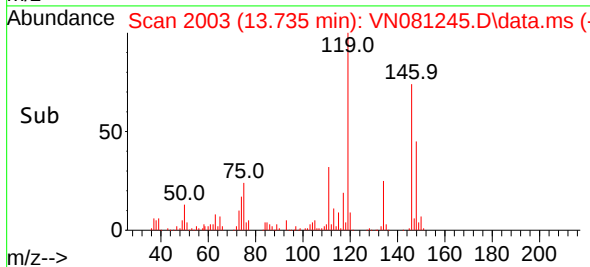
Reviewed By :John Carlone 02/29/2024
 Supervised By :Mahesh Dadoda 02/29/2024

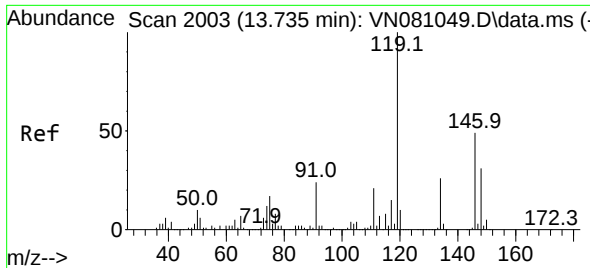


#86
 p-Isopropyltoluene
 Concen: 19.298 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN081245.D
 Acq: 28 Feb 2024 16:05



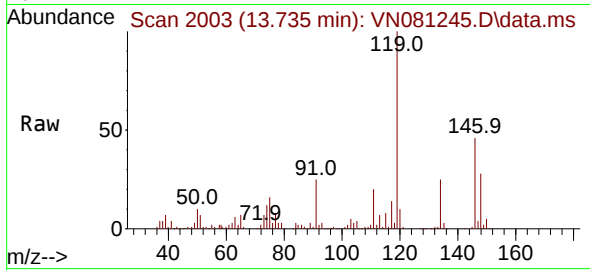
Tgt Ion:119 Resp: 258285
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.4 37.2
 91 24.3 13.5 40.4





#87
1,3-Dichlorobenzene
Concen: 18.516 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

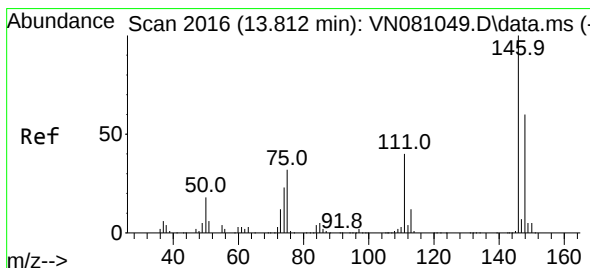
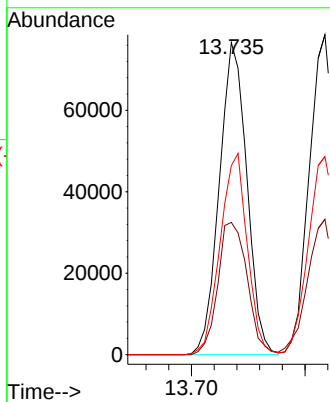
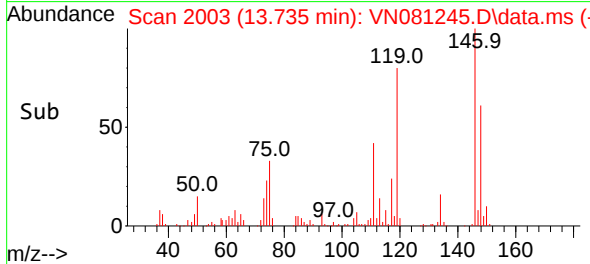
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01



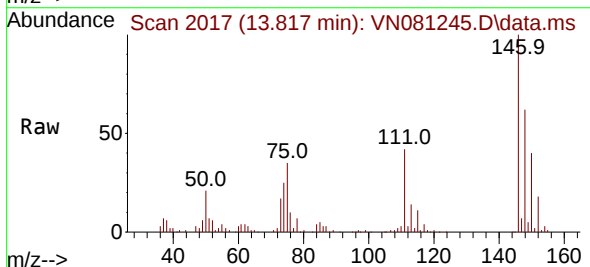
Tgt Ion:146 Resp: 12896
Ion Ratio Lower Upper
146 100
111 45.3 23.9 71.7
148 63.6 32.6 97.7

Manual Integrations
APPROVED

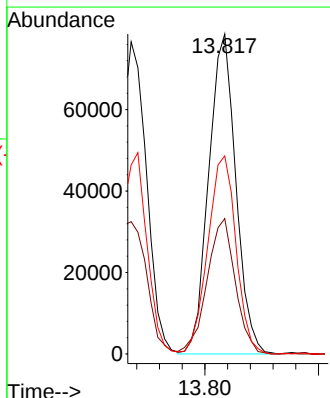
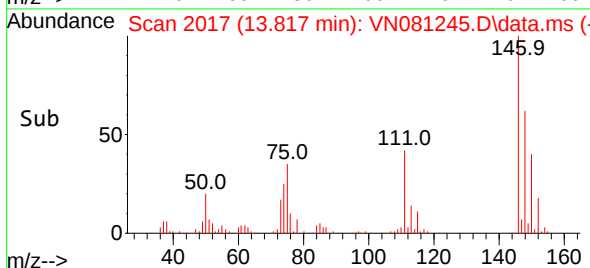
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

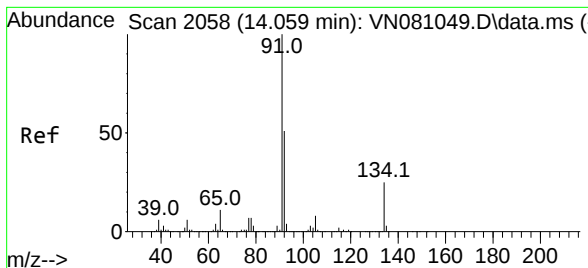


#88
1,4-Dichlorobenzene
Concen: 19.054 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05



Tgt Ion:146 Resp: 130405
Ion Ratio Lower Upper
146 100
111 44.1 22.6 67.7
148 64.3 31.9 95.5





#89

n-Butylbenzene

Concen: 19.251 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081245.D

Acq: 28 Feb 2024 16:05

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBSD01

Tgt Ion: 91 Resp: 224469

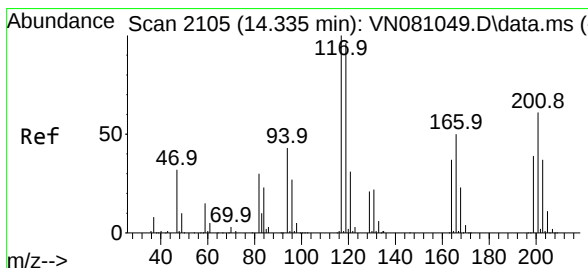
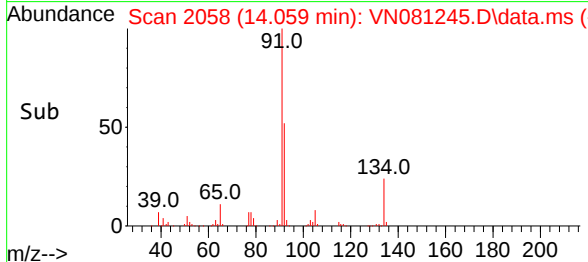
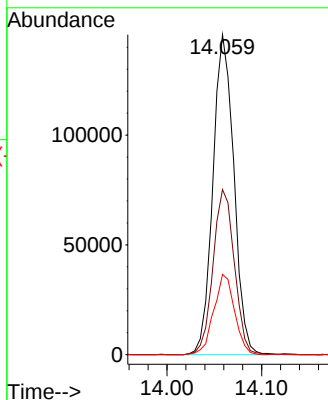
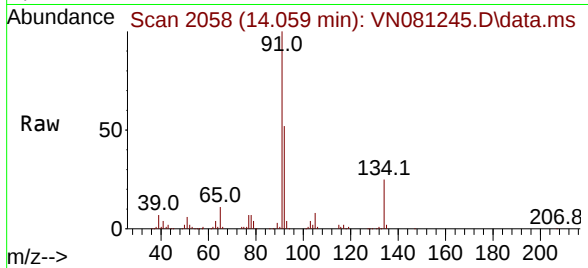
Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.7	80.1
134	25.0	10.8	32.4

Manual Integrations

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Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#90

Hexachloroethane

Concen: 20.119 ug/l

RT: 14.341 min Scan# 2106

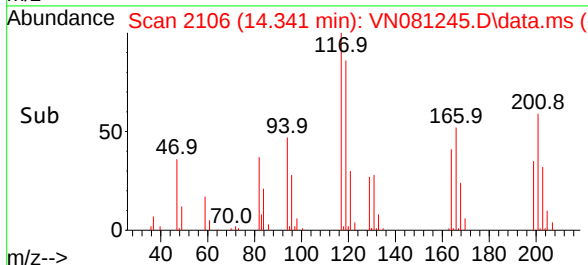
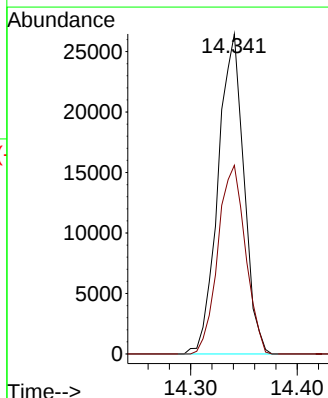
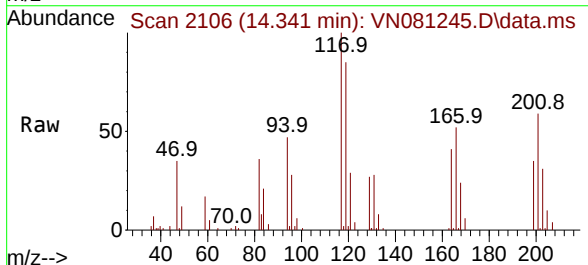
Delta R.T. 0.006 min

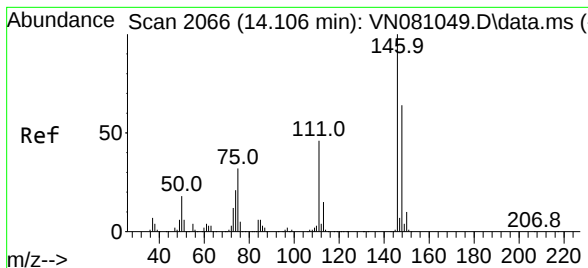
Lab File: VN081245.D

Acq: 28 Feb 2024 16:05

Tgt Ion:117 Resp: 44509

Ion	Ratio	Lower	Upper
117	100		
201	63.0	30.0	90.0





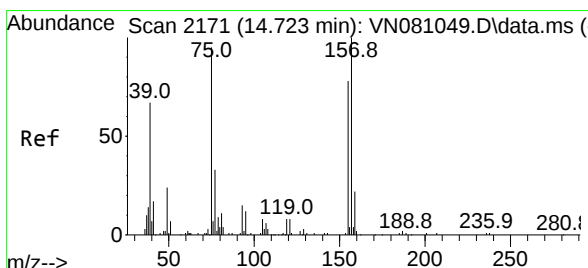
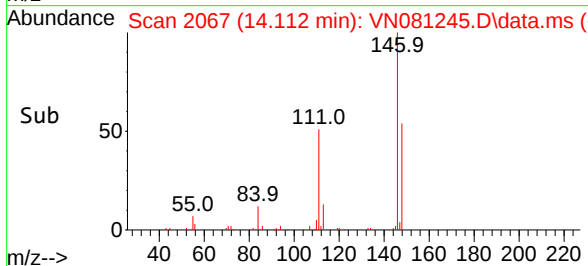
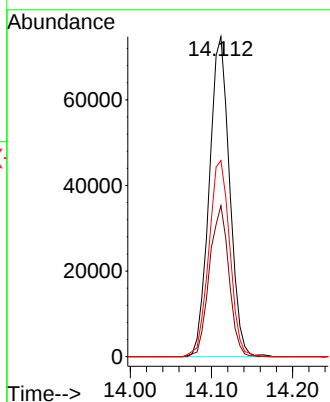
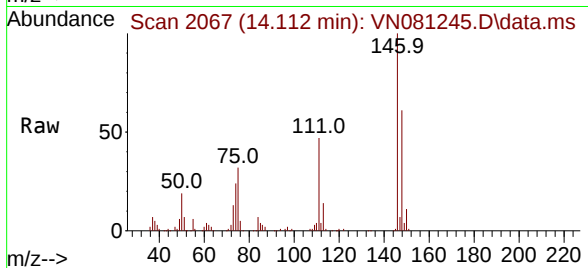
#91
1,2-Dichlorobenzene
Concen: 19.357 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01

Tgt Ion:146 Resp: 13003
Ion Ratio Lower Upper
146 100
111 45.2 23.9 71.8
148 63.0 31.4 94.0

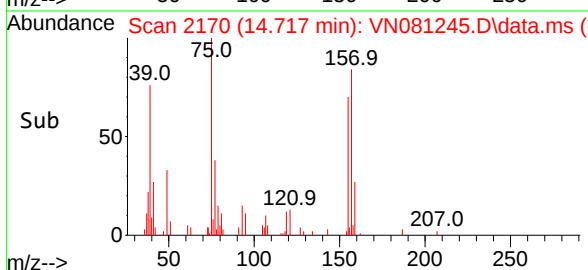
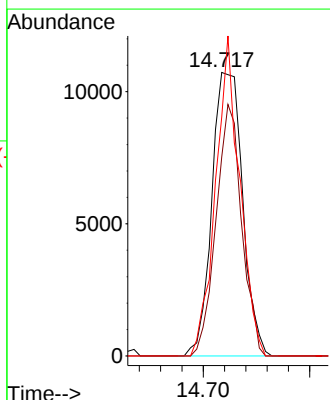
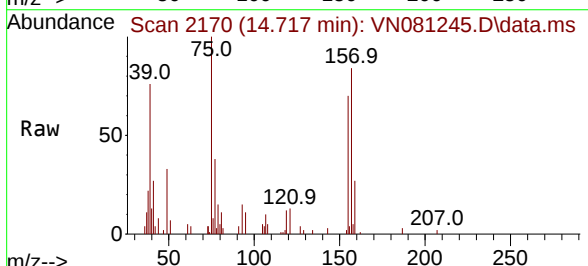
Manual Integrations
APPROVED

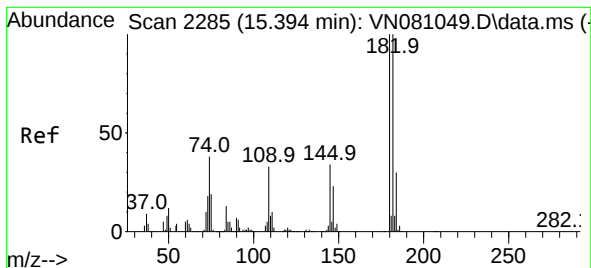
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.198 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

Tgt Ion: 75 Resp: 21455
Ion Ratio Lower Upper
75 100
155 74.2 31.8 95.4
157 88.7 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 18.001 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081245.D

Acq: 28 Feb 2024 16:05

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBSD01

Tgt Ion:180 Resp: 6746

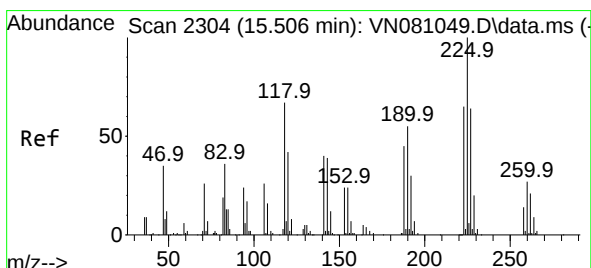
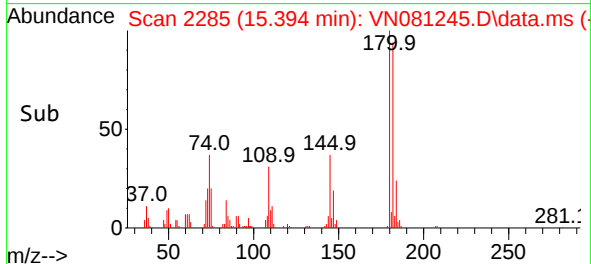
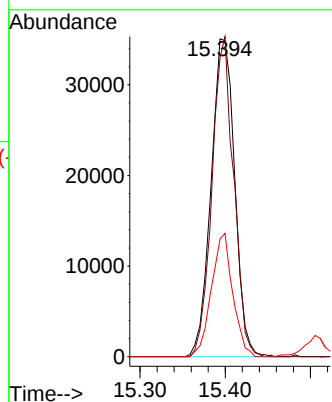
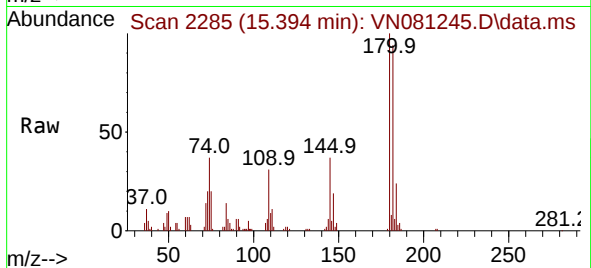
Ion	Ratio	Lower	Upper
180	100		
182	92.4	46.6	139.7
145	35.0	16.8	50.3

Manual Integrations

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#94

Hexachlorobutadiene

Concen: 18.350 ug/l

RT: 15.506 min Scan# 2304

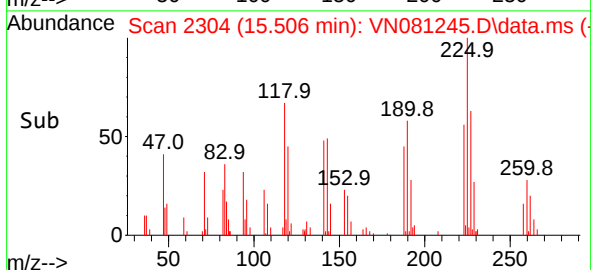
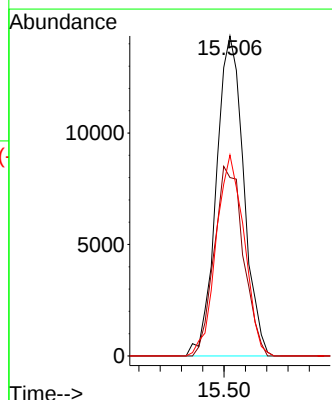
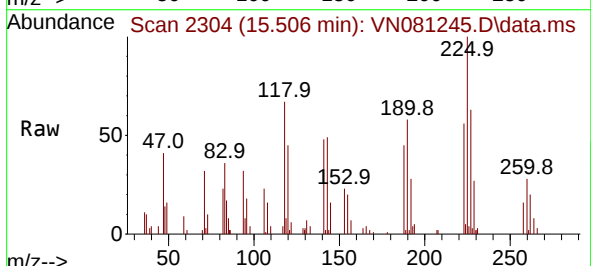
Delta R.T. -0.000 min

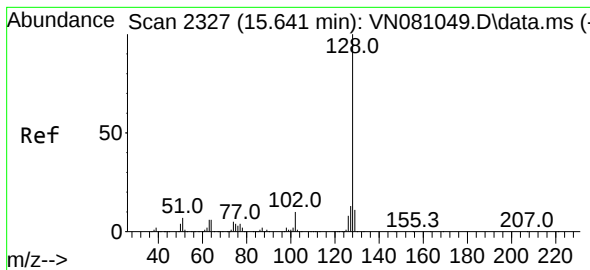
Lab File: VN081245.D

Acq: 28 Feb 2024 16:05

Tgt Ion:225 Resp: 25648

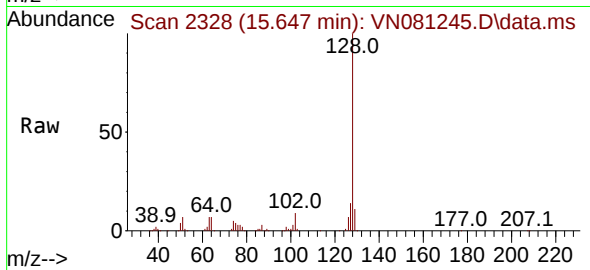
Ion	Ratio	Lower	Upper
225	100		
223	62.9	33.3	99.8
227	64.3	33.1	99.2





#95
Naphthalene
Concen: 18.397 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05

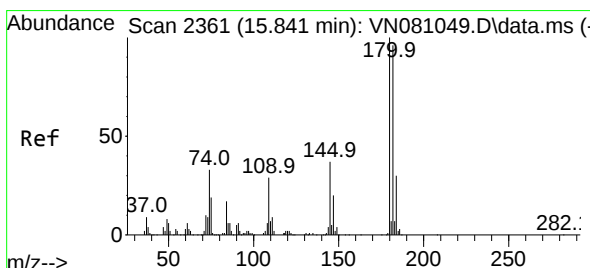
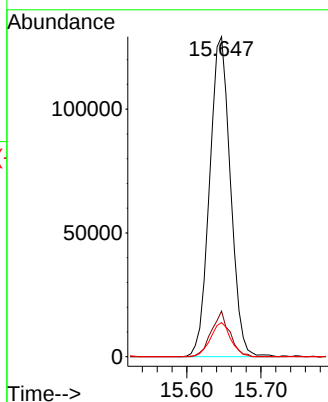
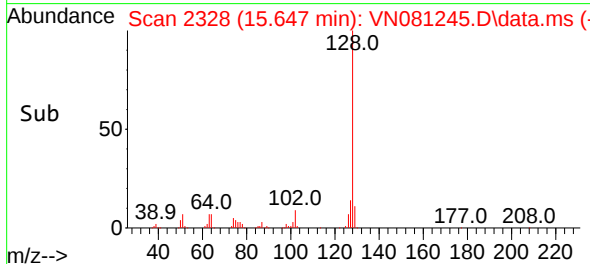
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01



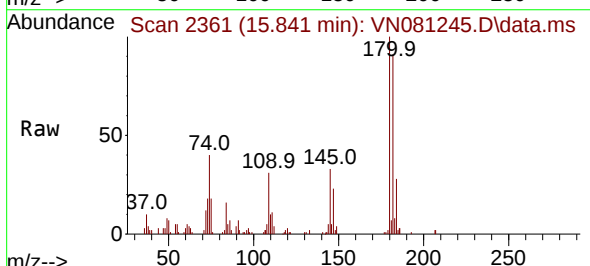
Tgt Ion:128 Resp: 25265
Ion Ratio Lower Upper
128 100
127 12.5 10.0 15.0
129 10.4 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#96
1,2,3-Trichlorobenzene
Concen: 19.307 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN081245.D
Acq: 28 Feb 2024 16:05



Tgt Ion:180 Resp: 71783
Ion Ratio Lower Upper
180 100
182 93.3 46.5 139.3
145 34.5 17.8 53.4

