

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022224\
 Data File : VN081147.D
 Acq On : 22 Feb 2024 19:59
 Operator : JC\MD
 Sample : P1539-07MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P1539-06MS

Quant Time: Feb 23 04:32:06 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

Manual Integrations APPROVED

Reviewed By : John Carlone 02/23/2024
 Supervised By : Mahesh Dadoda 02/23/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	308501	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	575101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	511609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	228958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	192118	50.807	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	101.620%		
35) Dibromofluoromethane	8.159	113	215	0.066	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.140%#		
50) Toluene-d8	10.571	98	531568	46.022	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.040%		
62) 4-Bromofluorobenzene	12.853	95	211283	48.682	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.360%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	204174	51.176	ug/l	96
3) Chloromethane	2.359	50	194685	44.592	ug/l	97
4) Vinyl Chloride	2.512	62	224267	50.607	ug/l	95
5) Bromomethane	2.948	94	69092	21.951	ug/l	96
6) Chloroethane	3.118	64	153484	53.631	ug/l	99
7) Trichlorofluoromethane	3.495	101	317066	48.974	ug/l	99
8) Diethyl Ether	3.959	74	125855	53.171	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	174601	48.378	ug/l	93
10) Methyl Iodide	4.589	142	96168	23.872	ug/l	97
11) Tert butyl alcohol	5.512	59	229686	330.289	ug/l	99
12) 1,1-Dichloroethene	4.342	96	289642	83.022	ug/l	96
13) Acrolein	4.177	56	1279m	3.432	ug/l	
14) Allyl chloride	5.024	41	69699	13.465	ug/l	# 92
15) Acrylonitrile	5.718	53	430003	236.763	ug/l	95
16) Acetone	4.424	43	396154	266.254	ug/l	100
17) Carbon Disulfide	4.712	76	143207	14.717	ug/l	98
18) Methyl Acetate	5.012	43	1926m	0.531	ug/l	
19) Methyl tert-butyl Ether	5.795	73	665379	55.685	ug/l	95
20) Methylene Chloride	5.277	84	222904	58.060	ug/l	88
21) trans-1,2-Dichloroethene	5.783	96	191046	49.082	ug/l	92
22) Diisopropyl ether	6.671	45	611945	52.114	ug/l	# 95
23) Vinyl Acetate	6.671	43	326010	34.219	ug/l	# 76
24) 1,1-Dichloroethane	6.571	63	364050	53.618	ug/l	95
25) 2-Butanone	7.483	43	680126	282.948	ug/l	93
26) 2,2-Dichloropropane	7.494	77	280681	44.119	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	232048	51.311	ug/l	88
28) Bromochloromethane	7.818	49	155741	55.329	ug/l	# 67
29) Tetrahydrofuran	7.841	42	484526	301.962	ug/l	# 87
30) Chloroform	7.965	83	386944	53.609	ug/l	99
31) Cyclohexane	8.259	56	278928	42.720	ug/l	# 78
32) 1,1,1-Trichloroethane	8.165	97	340678	51.825	ug/l	93
36) 1,1-Dichloropropene	8.371	75	261519	46.939	ug/l	97
37) Ethyl Acetate	7.483	43	680126	135.261	ug/l	# 40
38) Carbon Tetrachloride	8.365	117	224573	39.841	ug/l	95
39) Methylcyclohexane	9.606	83	291623	44.902	ug/l	# 84
40) Benzene	8.612	78	836736	51.886	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	158633	55.434	ug/l	97
42) 1,2-Dichloroethane	8.671	62	295851	52.584	ug/l	98
43) Isopropyl Acetate	8.683	43	15407	1.752	ug/l #	1
44) Trichloroethene	9.359	130	396427	92.296	ug/l	95
45) 1,2-Dichloropropane	9.624	63	218066	54.058	ug/l	99
46) Dibromomethane	9.712	93	160175	54.497	ug/l	93
47) Bromodichloromethane	9.888	83	167941	30.169	ug/l #	98
48) Methyl methacrylate	9.618	41	241855	59.105	ug/l #	55
49) 1,4-Dioxane	9.694	88	92422	1236.839	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	1544235	305.257	ug/l	95
52) Toluene	10.635	92	522065	51.137	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	251887	40.719	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	162283	24.281	ug/l	88
55) 1,1,2-Trichloroethane	11.024	97	46760	11.908	ug/l	94
57) 1,3-Dichloropropane	11.165	76	372424	54.853	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	761896	253.031	ug/l #	89
59) 2-Hexanone	11.200	43	1158146	288.769	ug/l	95
60) Dibromochloromethane	11.365	129	143136	34.313	ug/l	97
61) 1,2-Dibromoethane	11.471	107	222069	53.781	ug/l	99
64) Tetrachloroethene	11.106	164	278034	79.626	ug/l	95
65) Chlorobenzene	11.894	112	554355	50.065	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	163098	41.010	ug/l	96
67) Ethyl Benzene	11.965	91	981197	49.521	ug/l	98
68) m/p-Xylenes	12.076	106	735065	96.788	ug/l	98
69) o-Xylene	12.400	106	379979	50.474	ug/l	93
70) Styrene	12.418	104	626970	52.557	ug/l	96
71) Bromoform	12.582	173	105541	41.828	ug/l #	100
73) Isopropylbenzene	12.700	105	945393	47.193	ug/l	97
74) N-amyl acetate	12.465	43	4395	0.519	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	13.000	83	7742	1.374	ug/l #	95
76) 1,2,3-Trichloropropane	13.000	75	225832m	43.412	ug/l	
77) Bromobenzene	12.982	156	219481	49.138	ug/l	73
78) n-propylbenzene	13.041	91	1097123	47.575	ug/l	97
79) 2-Chlorotoluene	13.129	91	665264	47.032	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	805715	49.607	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	11028	5.457	ug/l #	74
82) 4-Chlorotoluene	13.223	91	663709	47.988	ug/l	94
83) tert-Butylbenzene	13.441	119	672715	47.900	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	808038	49.925	ug/l	96
85) sec-Butylbenzene	13.618	105	952354	48.778	ug/l	94
86) p-Isopropyltoluene	13.735	119	795842	49.074	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	411800	48.794	ug/l	95
88) 1,4-Dichlorobenzene	13.818	146	404363	48.761	ug/l	98
89) n-Butylbenzene	14.059	91	684736	48.465	ug/l	97
90) Hexachloroethane	14.335	117	106942	39.895	ug/l	95
91) 1,2-Dichlorobenzene	14.112	146	405340	49.798	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14764	12.607	ug/l	67
93) 1,2,4-Trichlorobenzene	15.394	180	225372	49.629	ug/l	99
94) Hexachlorobutadiene	15.506	225	76815	45.356	ug/l	96
95) Naphthalene	15.647	128	917707	55.147	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	229668	50.982	ug/l	97

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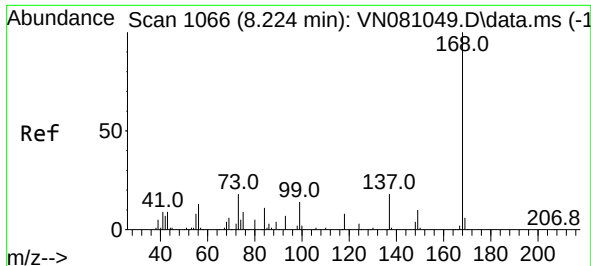
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/23/2024

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Response via : Initial Calibration

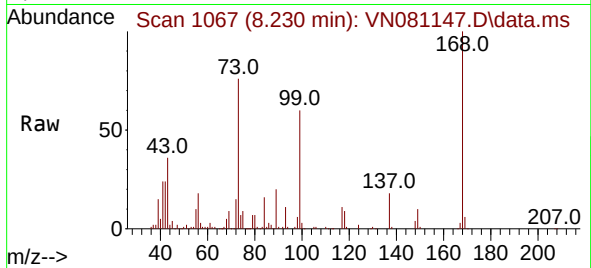
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
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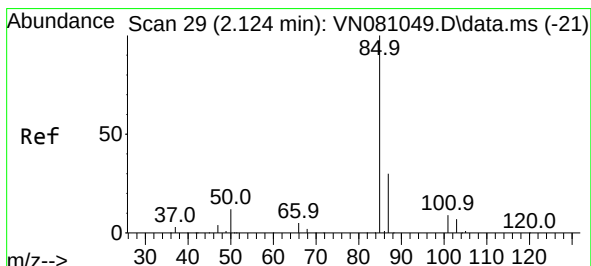
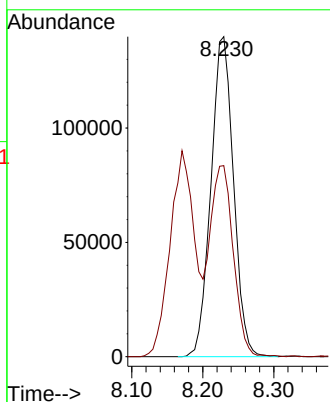
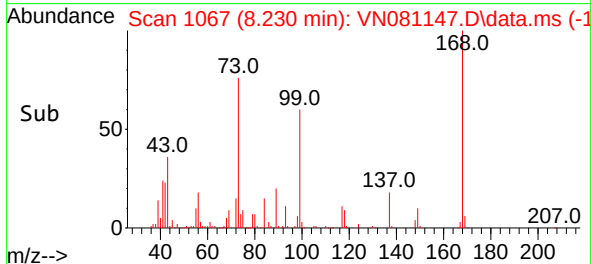
Instrument :
MSVOA_N
ClientSampleId :
P1539-06MS



Tgt Ion:168 Resp: 30850
Ion Ratio Lower Upper
168 100
99 59.5 59.9 89.9

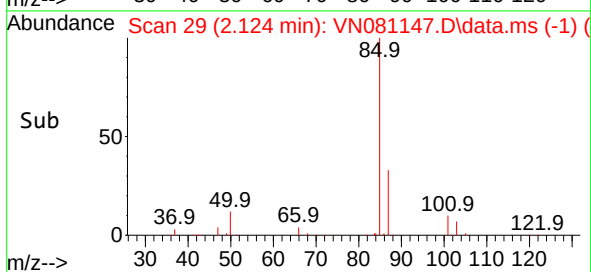
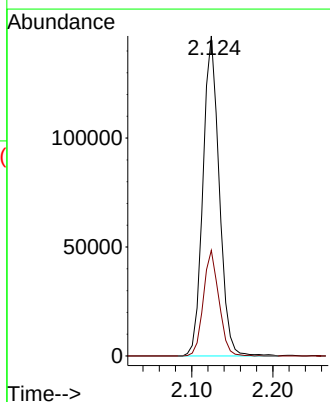
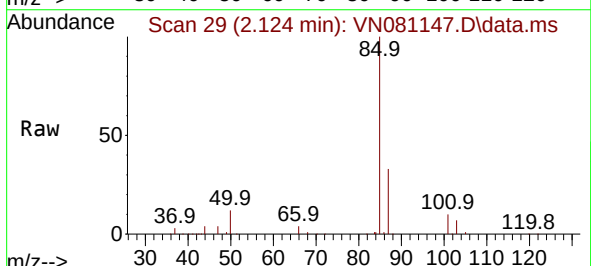
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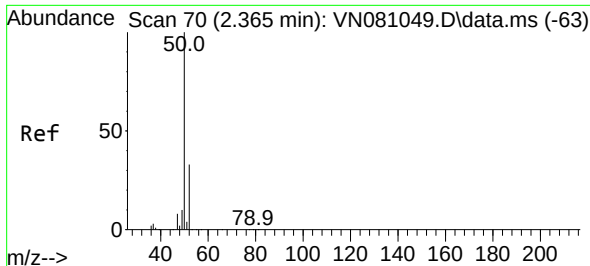
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#2
Dichlorodifluoromethane
Concen: 51.176 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

Tgt Ion: 85 Resp: 204174
Ion Ratio Lower Upper
85 100
87 33.0 15.3 45.9





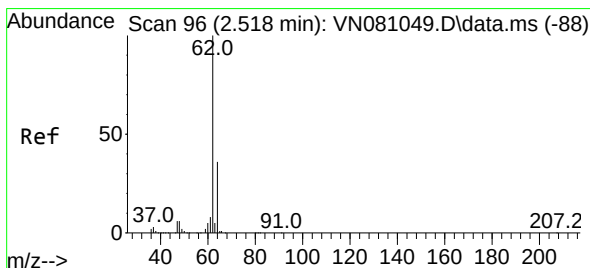
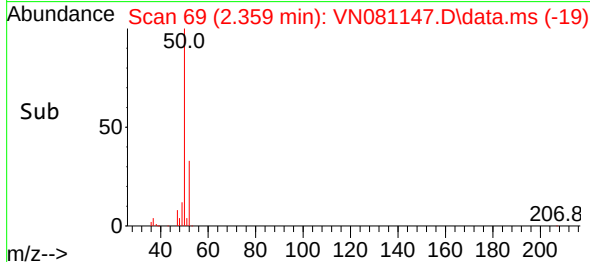
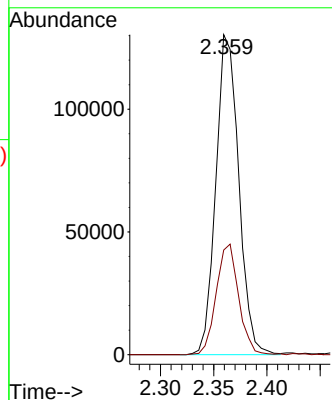
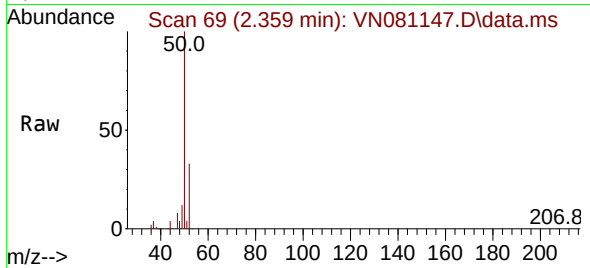
#3
Chloromethane
Concen: 44.592 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081147.D
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Tgt Ion: 50 Resp: 19468
Ion Ratio Lower Upper
50 100
52 32.7 25.0 37.4

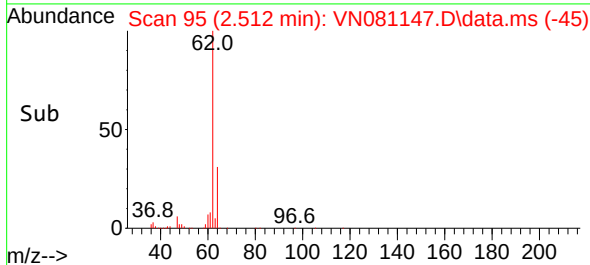
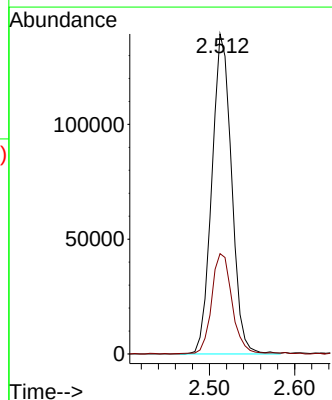
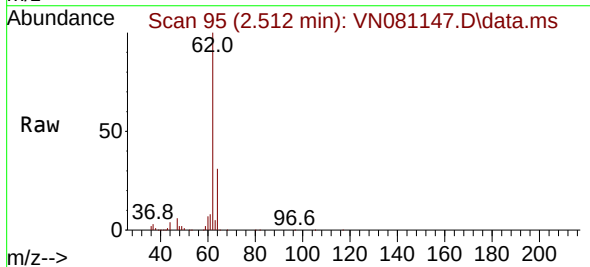
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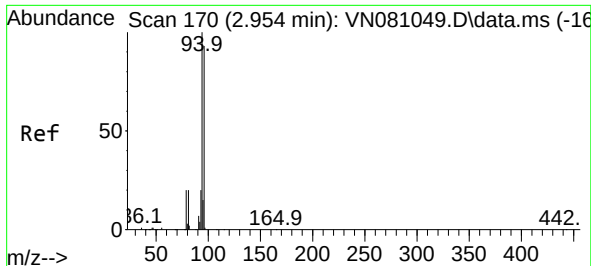
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#4
Vinyl Chloride
Concen: 50.607 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
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Tgt Ion: 62 Resp: 224267
Ion Ratio Lower Upper
62 100
64 31.2 22.7 34.1





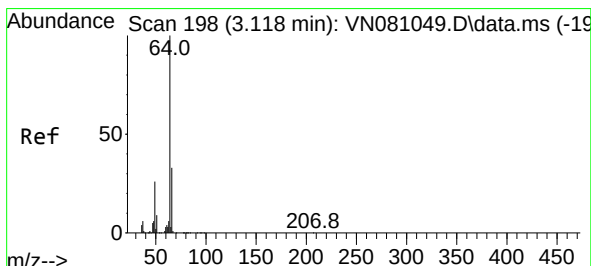
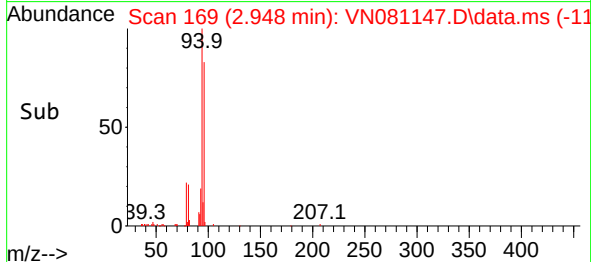
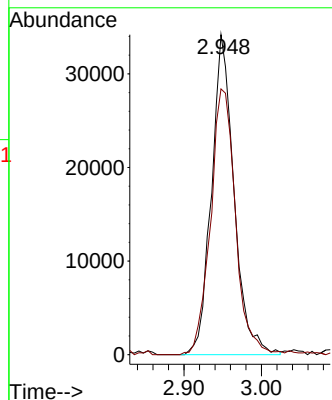
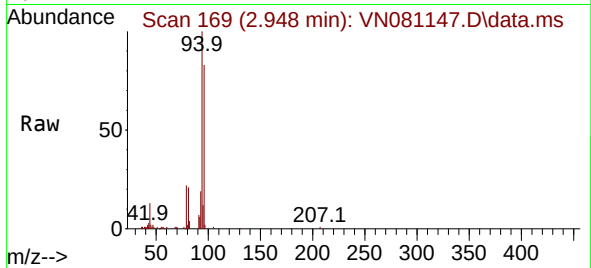
#5
Bromomethane
Concen: 21.951 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

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Tgt Ion: 94 Resp: 69092
Ion Ratio Lower Upper
94 100
96 83.0 69.2 103.8

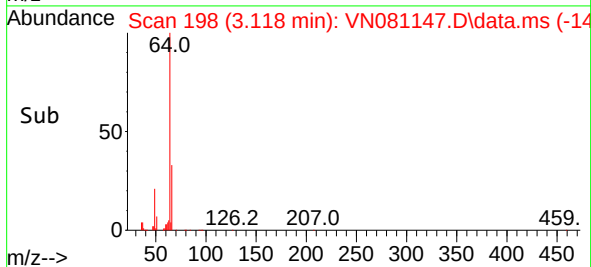
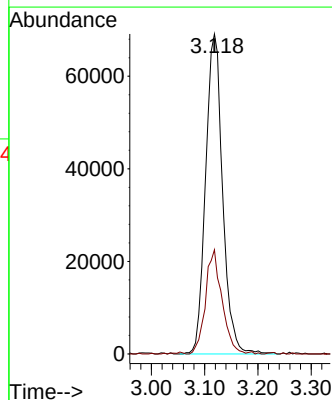
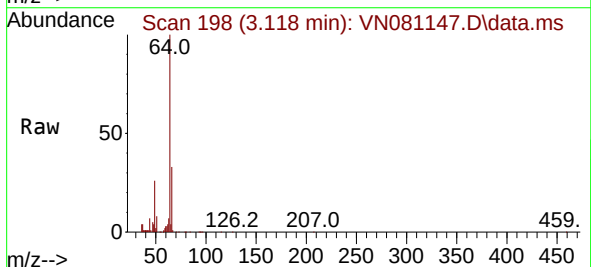
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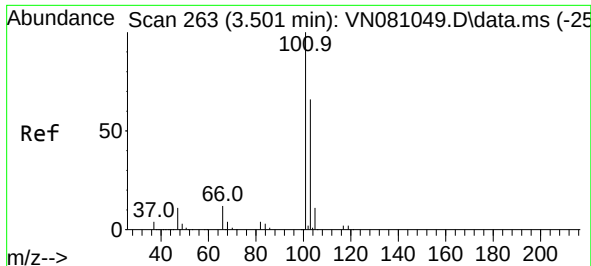
Reviewed By :John Carlone 02/23/2024
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#6
Chloroethane
Concen: 53.631 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 153484
Ion Ratio Lower Upper
64 100
66 32.6 26.4 39.6





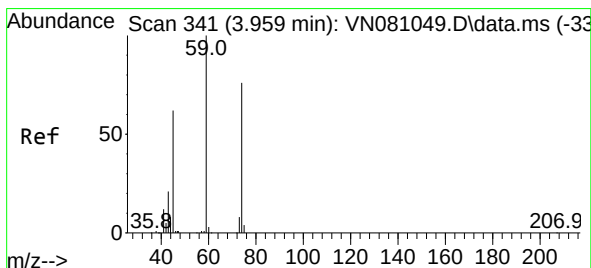
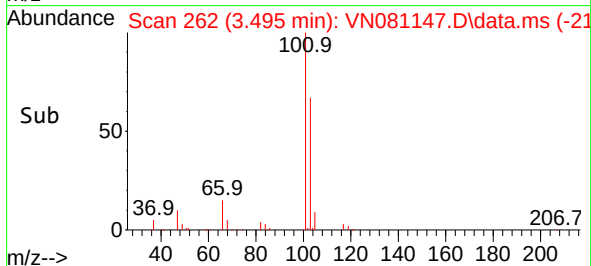
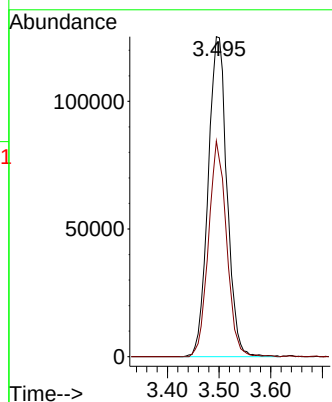
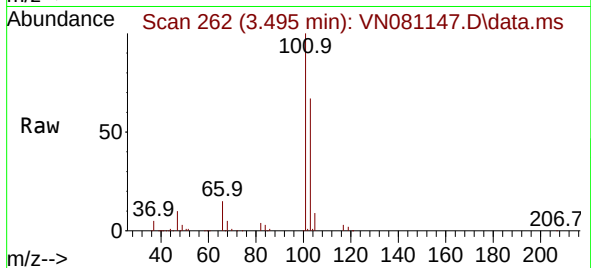
#7
Trichlorofluoromethane
Concen: 48.974 ug/l
RT: 3.495 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN081147.D
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Instrument :
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P1539-06MS

Tgt Ion:101 Resp: 317060
Ion Ratio Lower Upper
101 100
103 67.4 54.4 81.6

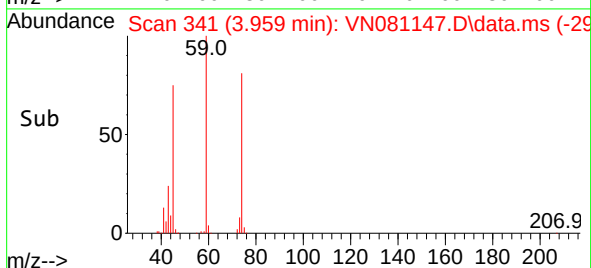
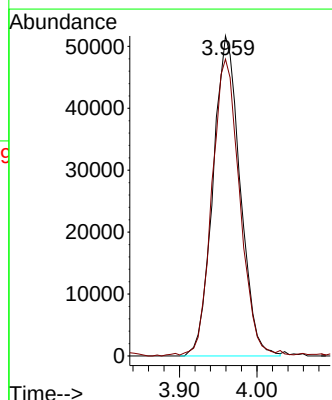
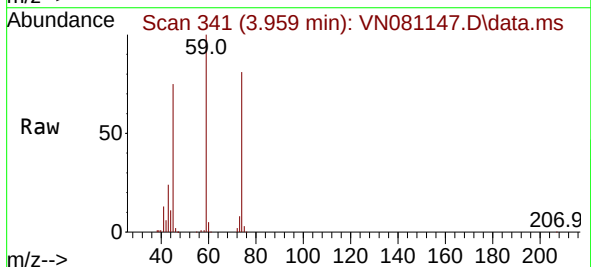
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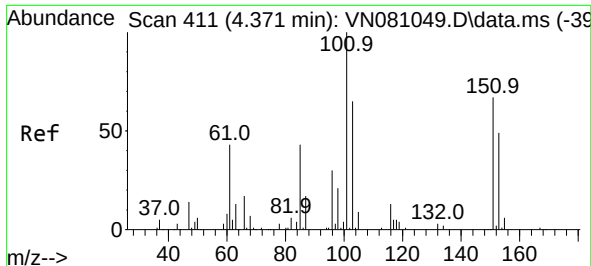
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#8
Diethyl Ether
Concen: 53.171 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
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Acq: 22 Feb 2024 19:59

Tgt Ion: 74 Resp: 125855
Ion Ratio Lower Upper
74 100
45 95.4 53.3 159.9





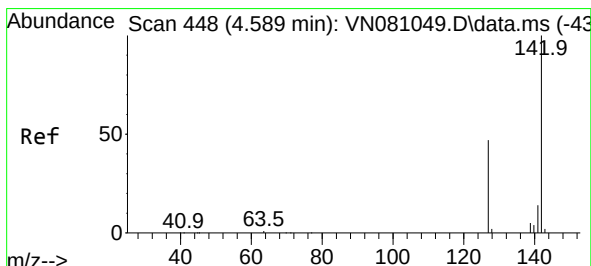
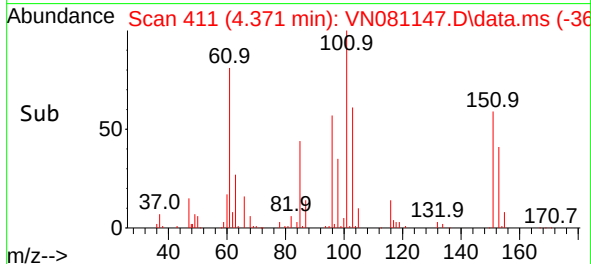
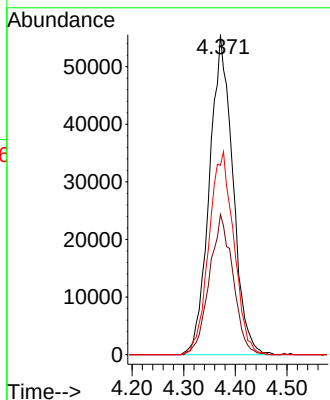
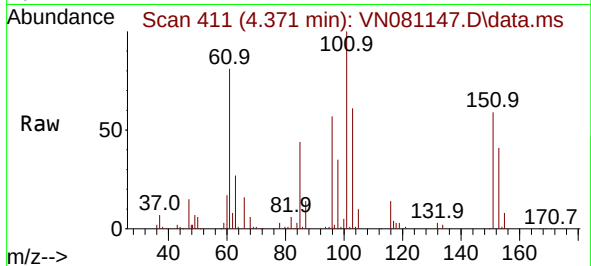
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.378 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN081147.D
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ClientSampleId :
P1539-06MS

Tgt Ion:101 Resp: 17460
Ion Ratio Lower Upper
101 100
85 44.2 38.1 57.1
151 67.5 49.1 73.7

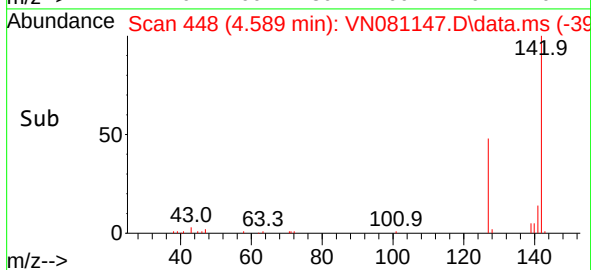
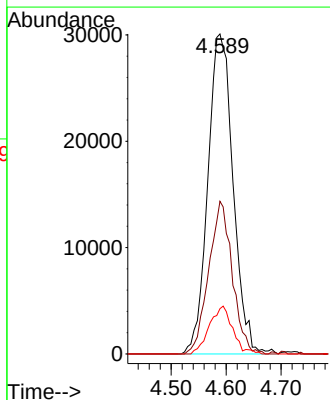
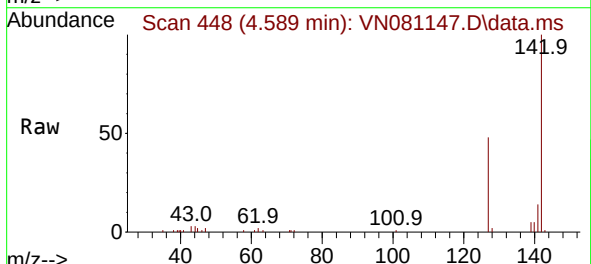
Manual Integrations
APPROVED

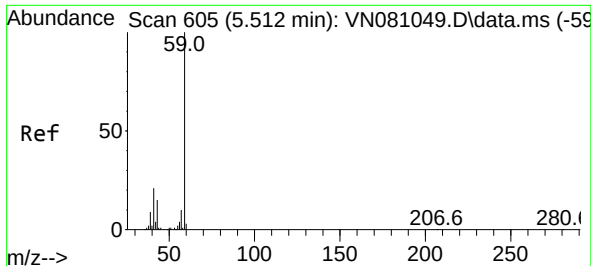
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#10
Methyl Iodide
Concen: 23.872 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

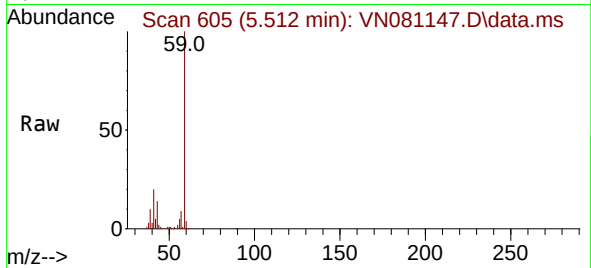
Tgt Ion:142 Resp: 96168
Ion Ratio Lower Upper
142 100
127 47.7 37.0 55.4
141 14.1 12.5 18.7





#11
Tert butyl alcohol
Concen: 330.289 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

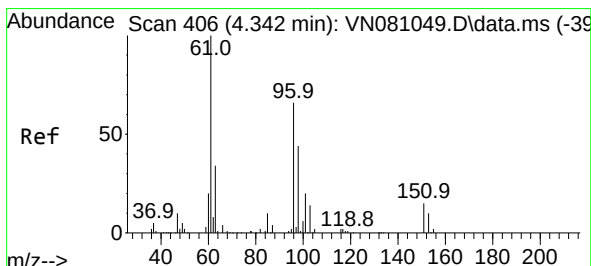
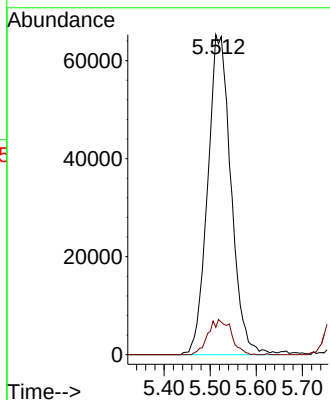
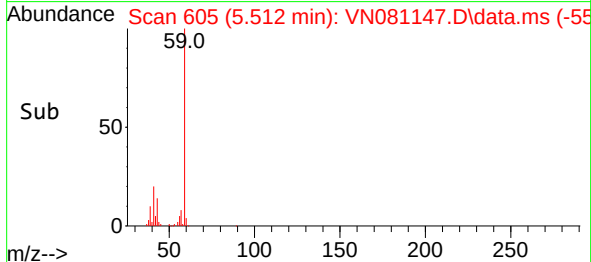
Instrument :
MSVOA_N
ClientSampleId :
P1539-06MS



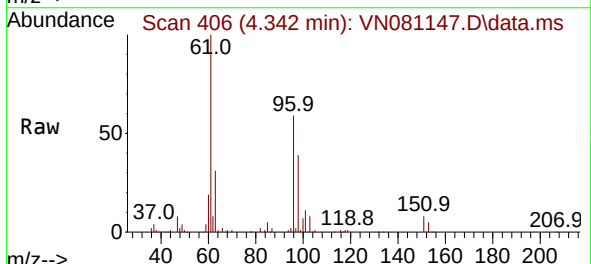
Tgt Ion: 59 Resp: 229680
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8

Manual Integrations
APPROVED

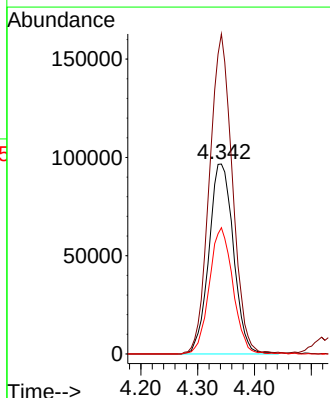
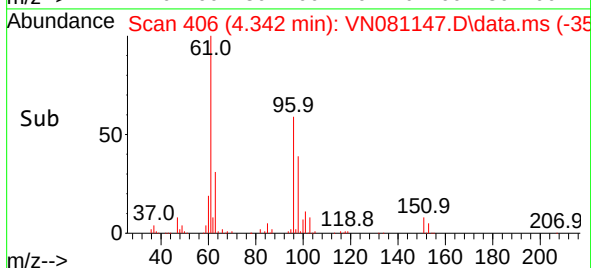
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

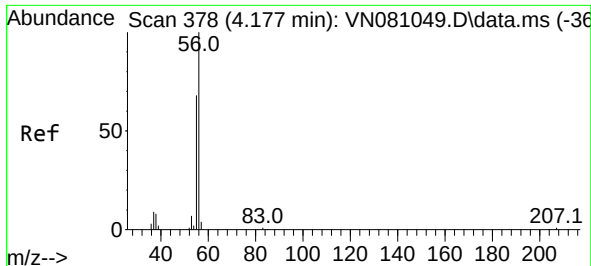


#12
1,1-Dichloroethene
Concen: 83.022 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59



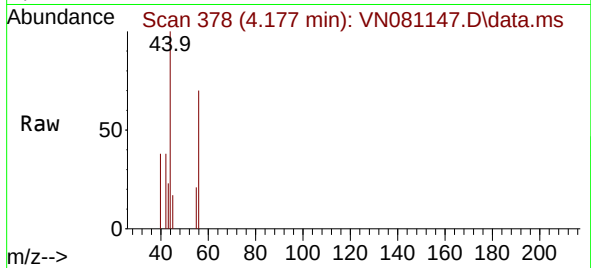
Tgt Ion: 96 Resp: 289642
Ion Ratio Lower Upper
96 100
61 168.5 138.2 207.4
98 66.5 49.2 73.8





#13
Acrolein
Concen: 3.432 ug/l m
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

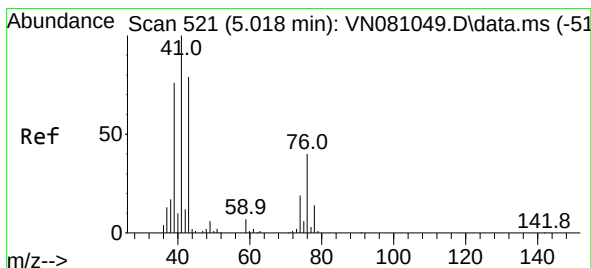
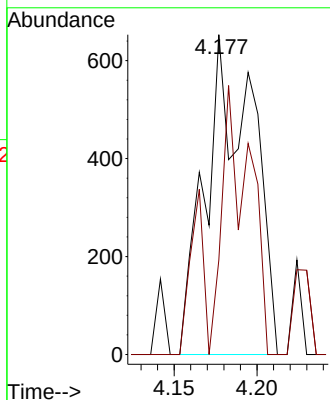
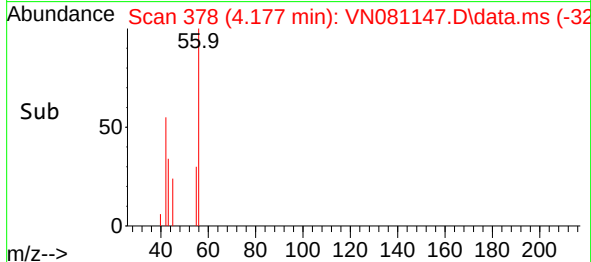
Instrument :
MSVOA_N
ClientSampleId :
P1539-06MS



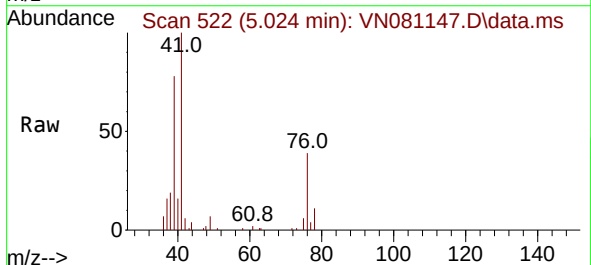
Tgt Ion: 56 Resp: 1279
Ion Ratio Lower Upper
56 100
55 48.9 55.3 82.9

Manual Integrations
APPROVED

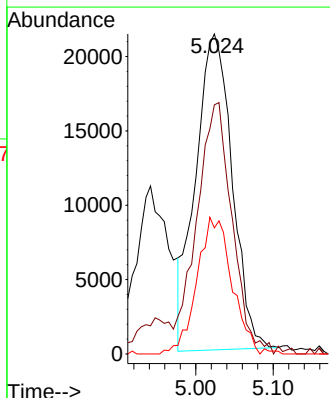
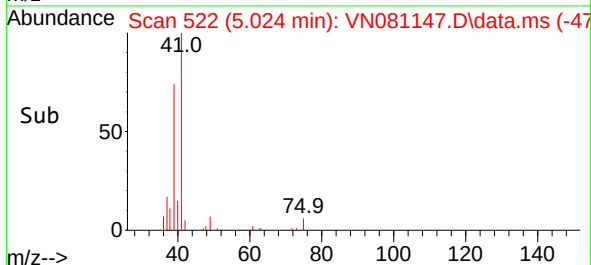
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

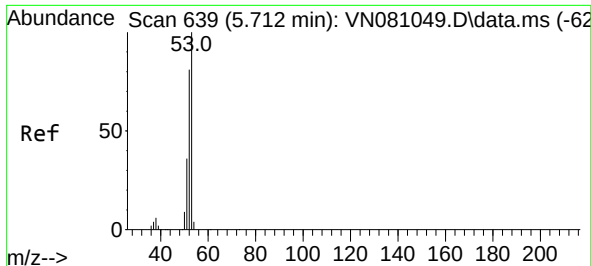


#14
Allyl chloride
Concen: 13.465 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59



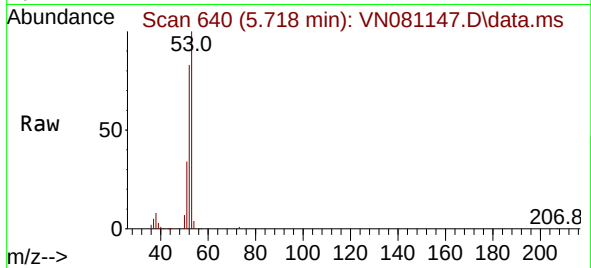
Tgt Ion: 41 Resp: 69699
Ion Ratio Lower Upper
41 100
39 76.6 57.7 86.5
76 41.2 26.8 40.2





#15
Acrylonitrile
Concen: 236.763 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

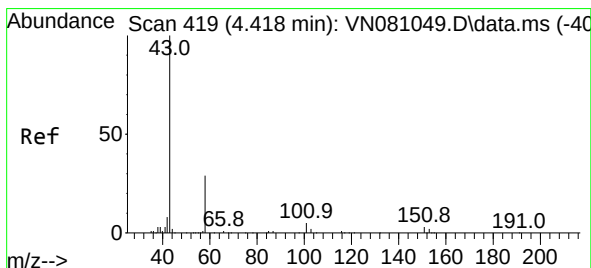
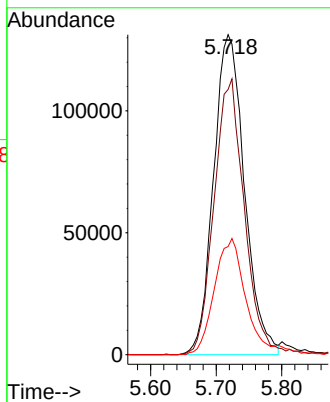
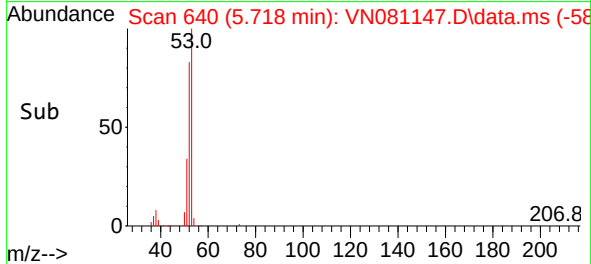
Instrument :
MSVOA_N
ClientSampleId :
P1539-06MS



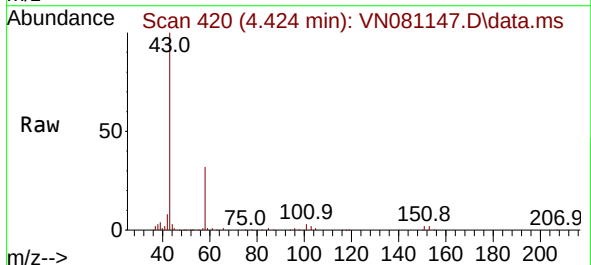
Tgt Ion: 53 Resp: 43000
Ion Ratio Lower Upper
53 100
52 84.6 64.8 97.2
51 37.7 26.9 40.3

Manual Integrations
APPROVED

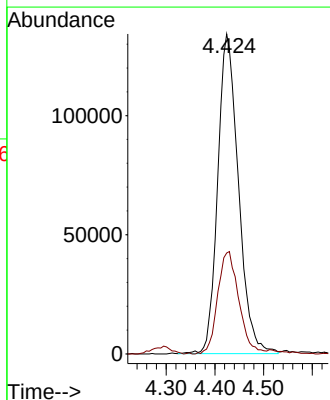
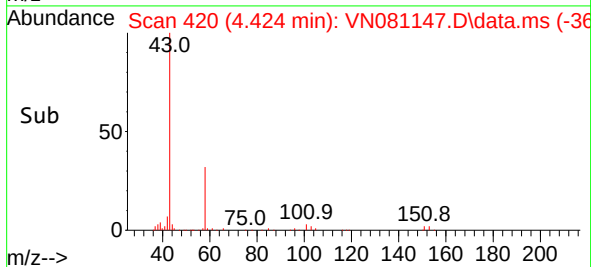
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

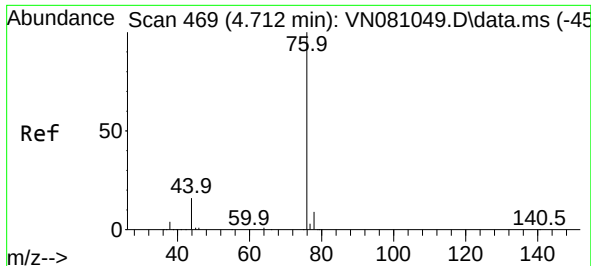


#16
Acetone
Concen: 266.254 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59



Tgt Ion: 43 Resp: 396154
Ion Ratio Lower Upper
43 100
58 31.0 24.8 37.2





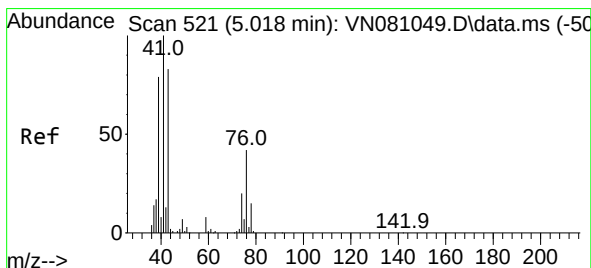
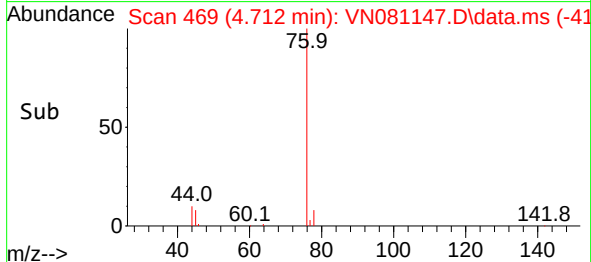
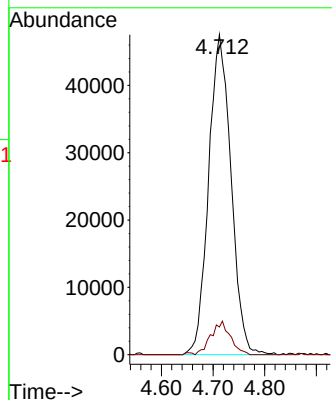
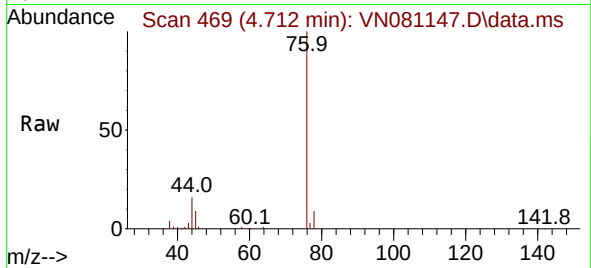
#17
Carbon Disulfide
Concen: 14.717 ug/l
RT: 4.712 min Scan# 40
Delta R.T. -0.000 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

Instrument :
MSVOA_N
ClientSampleId :
P1539-06MS

Tgt Ion: 76 Resp: 14320
Ion Ratio Lower Upper
76 100
78 8.6 6.3 9.5

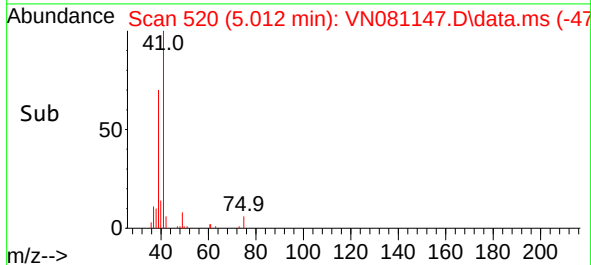
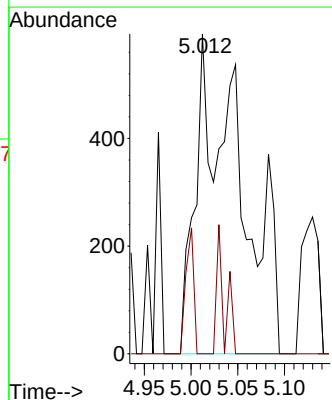
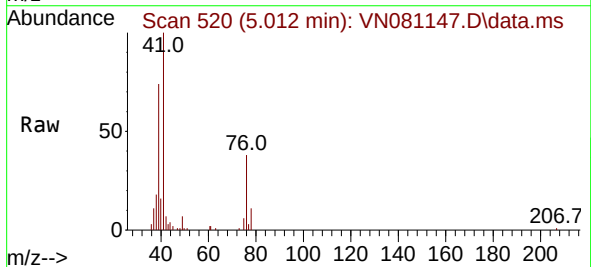
Manual Integrations
APPROVED

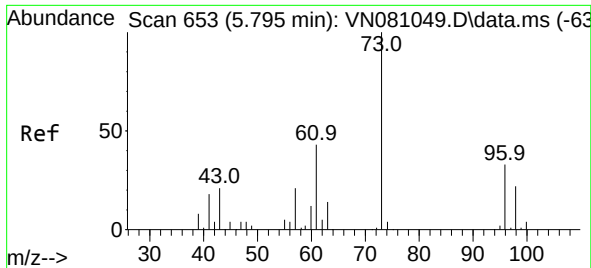
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#18
Methyl Acetate
Concen: 0.531 ug/l m
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

Tgt Ion: 43 Resp: 1926
Ion Ratio Lower Upper
43 100
74 7.1 17.3 25.9#





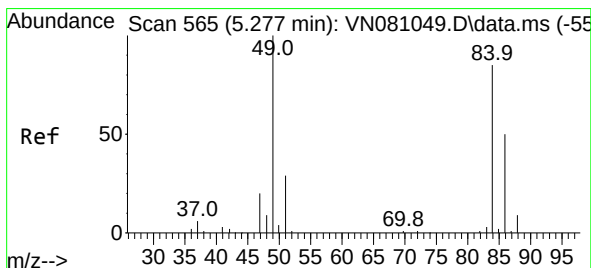
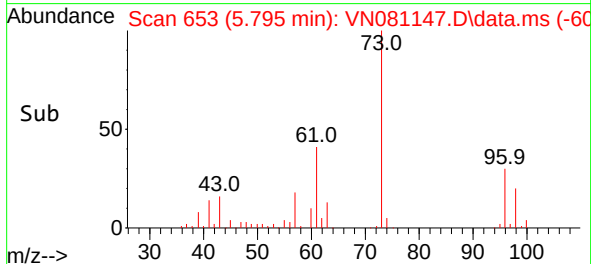
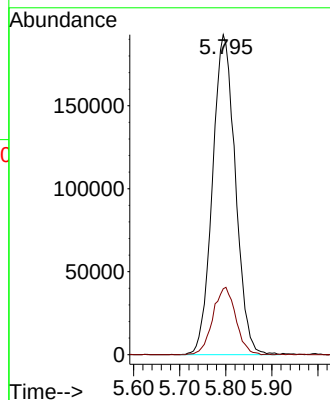
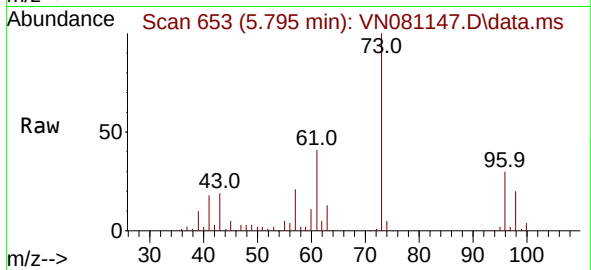
#19
Methyl tert-butyl Ether
Concen: 55.685 ug/l
RT: 5.795 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

Instrument :
MSVOA_N
ClientSampleId :
P1539-06MS

Tgt Ion: 73 Resp: 665379
Ion Ratio Lower Upper
73 100
57 20.6 18.2 27.4

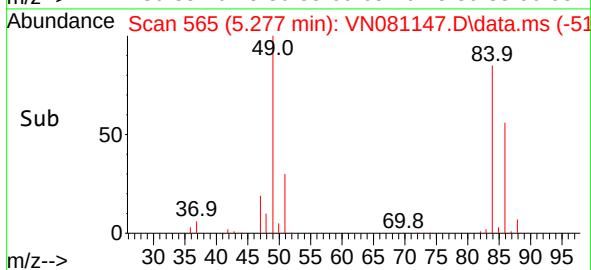
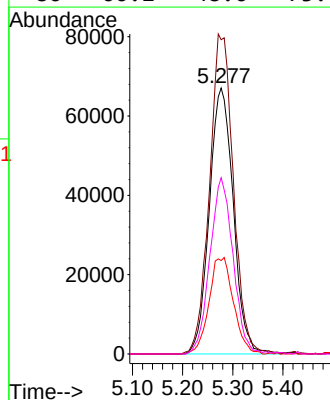
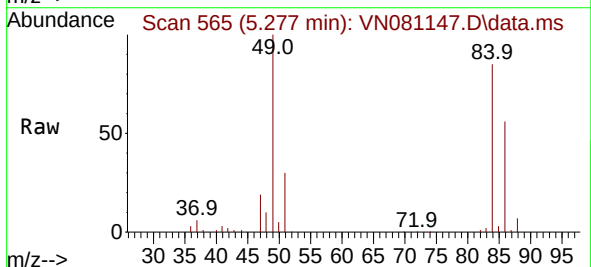
Manual Integrations
APPROVED

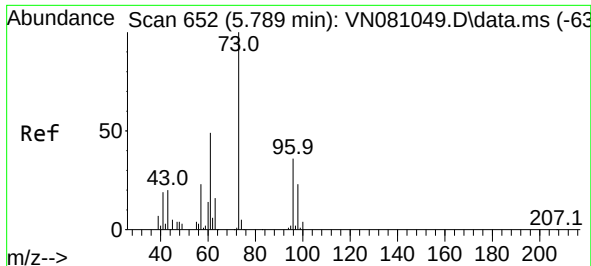
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#20
Methylene Chloride
Concen: 58.060 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

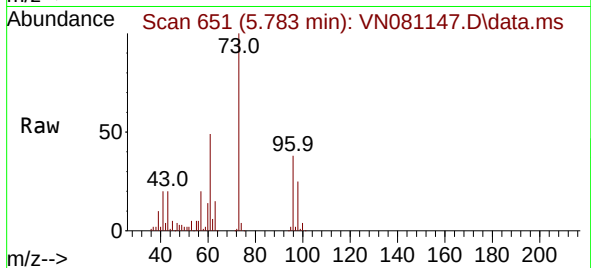
Tgt Ion: 84 Resp: 222904
Ion Ratio Lower Upper
84 100
49 118.2 108.1 162.1
51 35.2 32.9 49.3
86 66.2 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 49.082 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

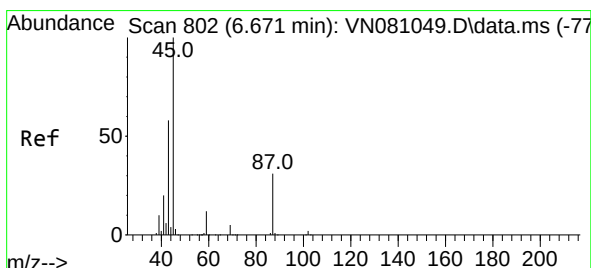
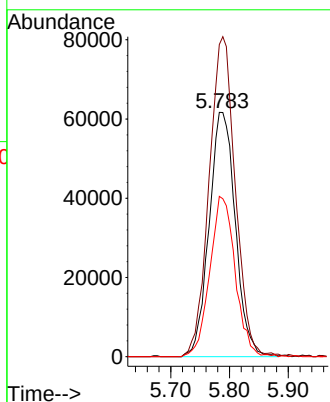
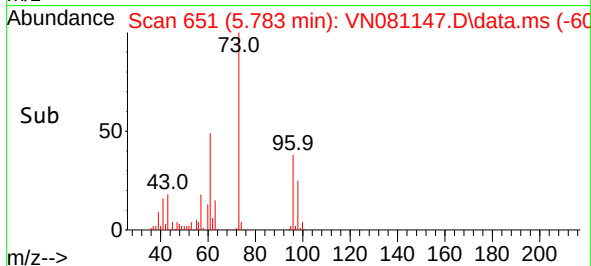
Instrument :
MSVOA_N
ClientSampleId :
P1539-06MS



Tgt Ion: 96 Resp: 191040
Ion Ratio Lower Upper
96 100
61 127.8 112.8 169.2
98 65.7 51.0 76.4

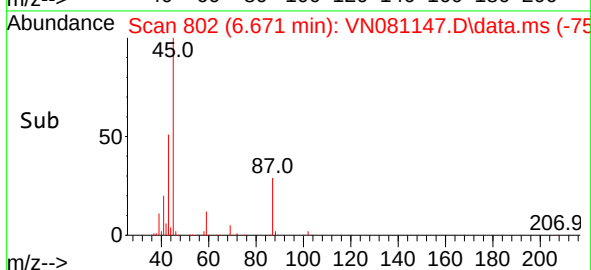
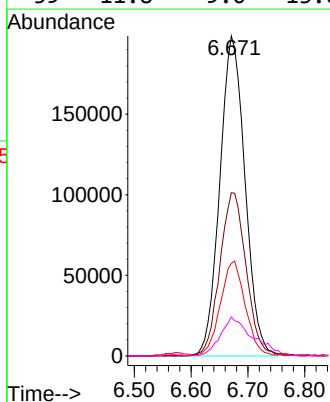
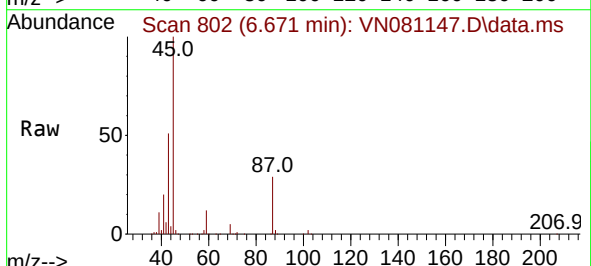
Manual Integrations
APPROVED

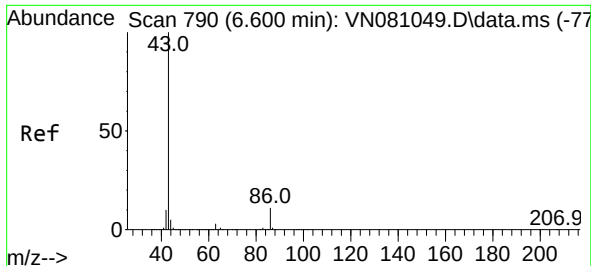
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#22
Diisopropyl ether
Concen: 52.114 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

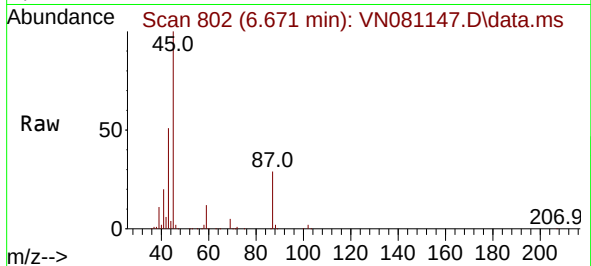
Tgt Ion: 45 Resp: 611945
Ion Ratio Lower Upper
45 100
43 50.9 41.8 62.8
87 28.5 18.1 27.1#
59 11.8 9.0 13.6





#23
 Vinyl Acetate
 Concen: 34.219 ug/l
 RT: 6.671 min Scan# 802
 Delta R.T. 0.071 min
 Lab File: VN081147.D
 Acq: 22 Feb 2024 19:59

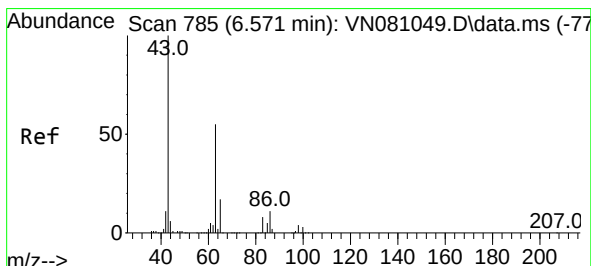
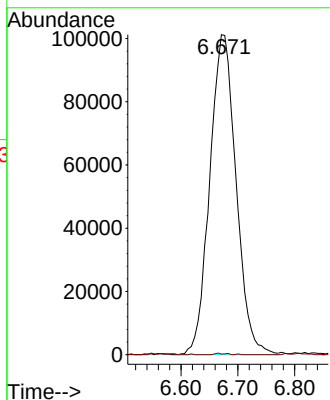
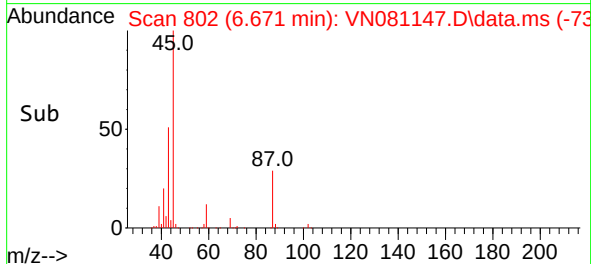
Instrument :
 MSVOA_N
 ClientSampleId :
 P1539-06MS



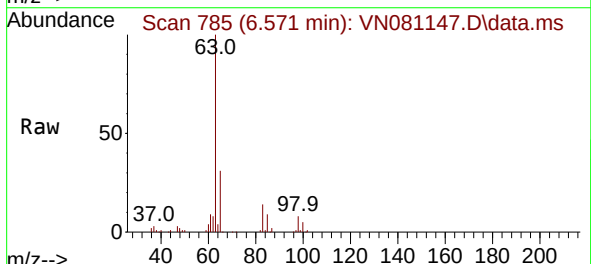
Tgt Ion: 43 Resp: 326010
 Ion Ratio Lower Upper
 43 100
 86 0.2 7.1 10.7

Manual Integrations
 APPROVED

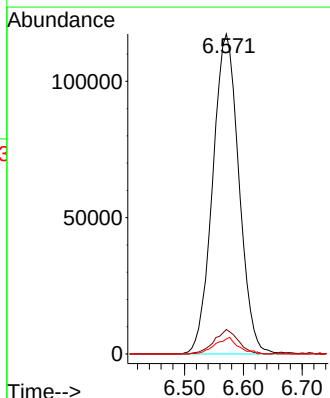
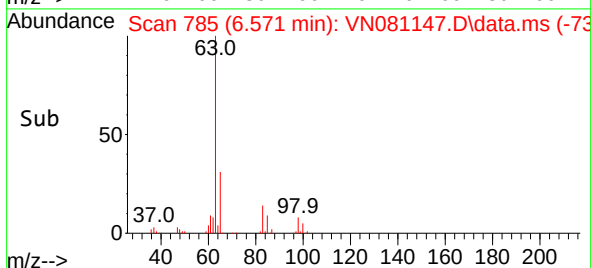
Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024

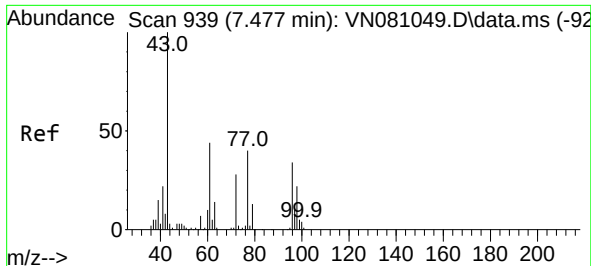


#24
 1,1-Dichloroethane
 Concen: 53.618 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN081147.D
 Acq: 22 Feb 2024 19:59



Tgt Ion: 63 Resp: 364050
 Ion Ratio Lower Upper
 63 100
 98 7.6 2.9 8.6
 100 4.7 1.9 5.7





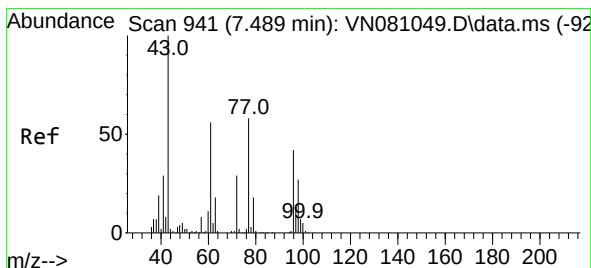
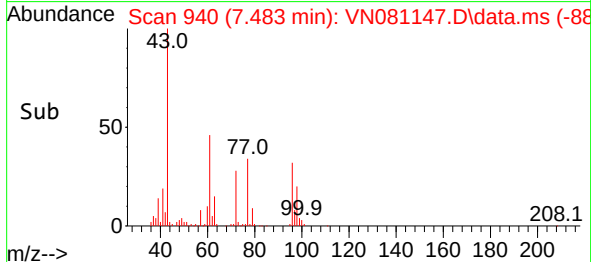
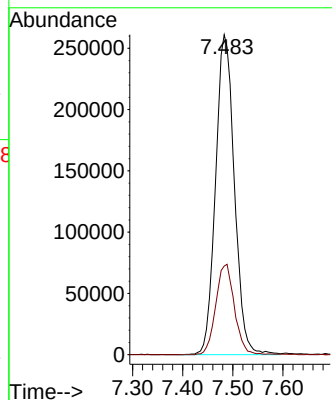
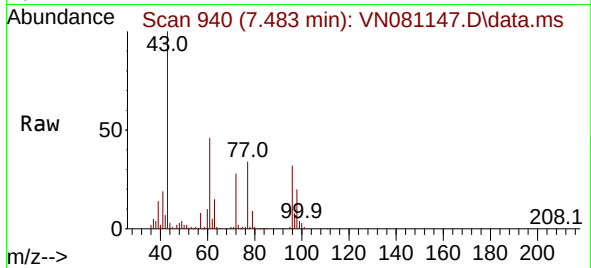
#25
2-Butanone
Concen: 282.948 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

Instrument :
MSVOA_N
ClientSampleId :
P1539-06MS

Tgt Ion: 43 Resp: 680120
Ion Ratio Lower Upper
43 100
72 27.7 19.5 29.3

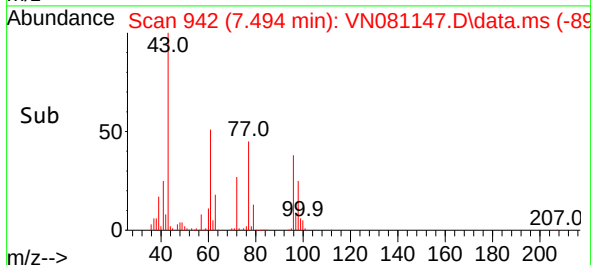
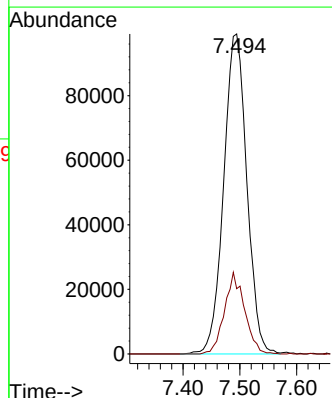
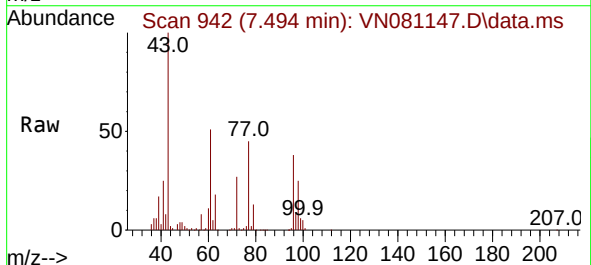
Manual Integrations
APPROVED

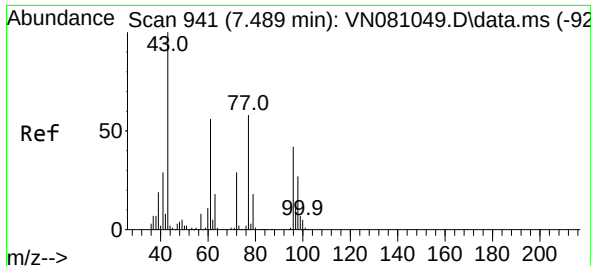
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#26
2,2-Dichloropropane
Concen: 44.119 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

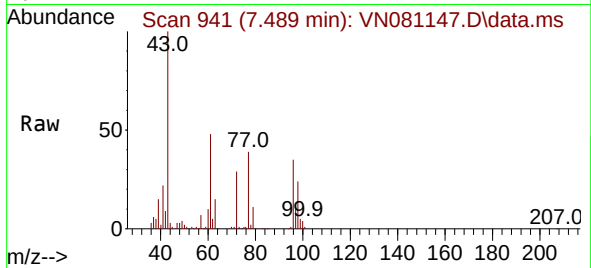
Tgt Ion: 77 Resp: 280681
Ion Ratio Lower Upper
77 100
97 22.1 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 51.311 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN081147.D
 Acq: 22 Feb 2024 19:59

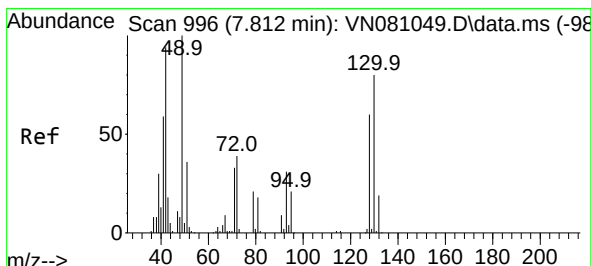
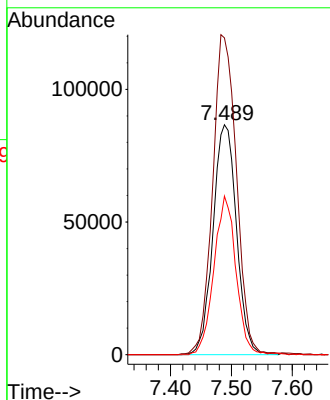
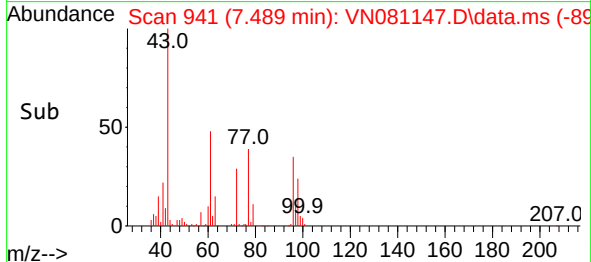
Instrument :
 MSVOA_N
 ClientSampleId :
 P1539-06MS



Tgt Ion: 96 Resp: 232048
 Ion Ratio Lower Upper
 96 100
 61 140.9 0.0 325.4
 98 64.5 0.0 130.4

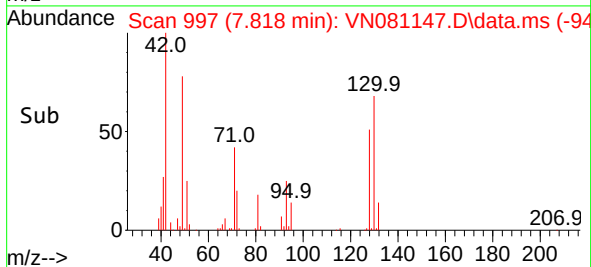
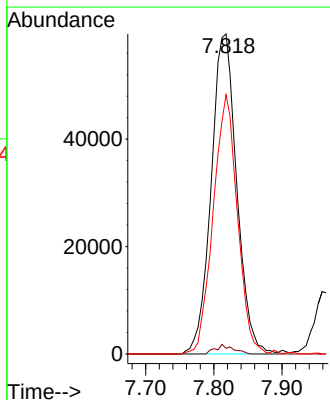
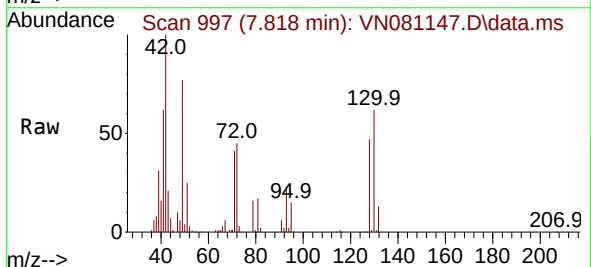
Manual Integrations
 APPROVED

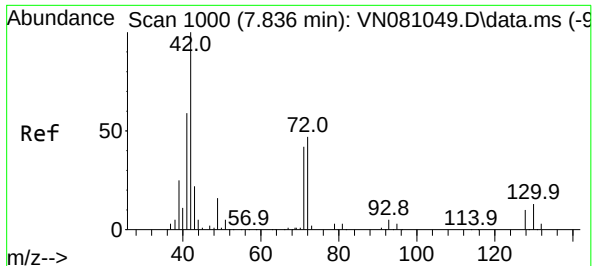
Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024



#28
 Bromochloromethane
 Concen: 55.329 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN081147.D
 Acq: 22 Feb 2024 19:59

Tgt Ion: 49 Resp: 155741
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 1.6#
 130 76.5 42.3 63.5#





#29

Tetrahydrofuran

Concen: 301.962 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081147.D

Acq: 22 Feb 2024 19:59

Instrument :

MSVOA_N

ClientSampleId :

P1539-06MS

Tgt Ion: 42 Resp: 484520

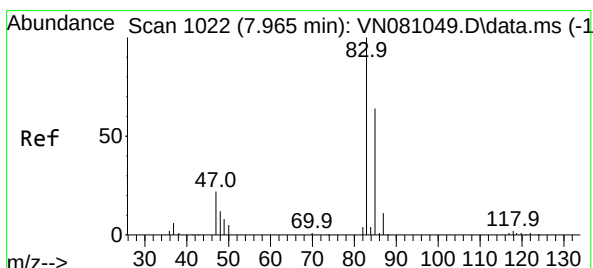
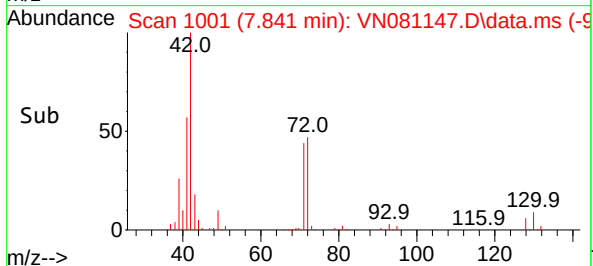
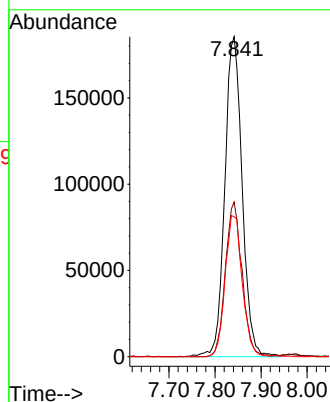
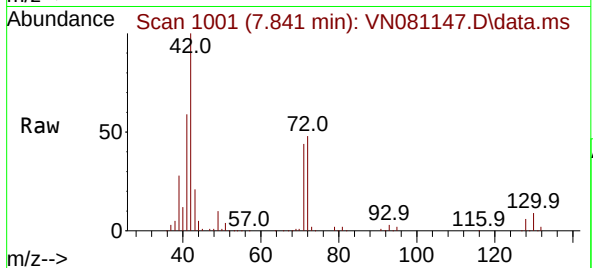
Ion	Ratio	Lower	Upper
42	100		
72	46.4	31.1	46.7
71	43.5	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#30

Chloroform

Concen: 53.609 ug/l

RT: 7.965 min Scan# 1022

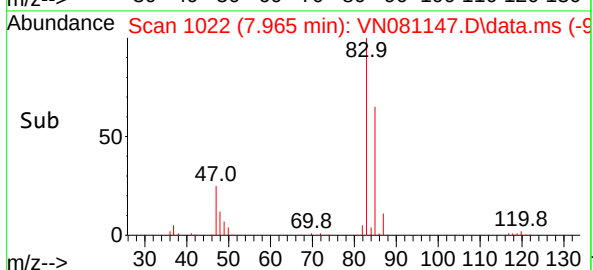
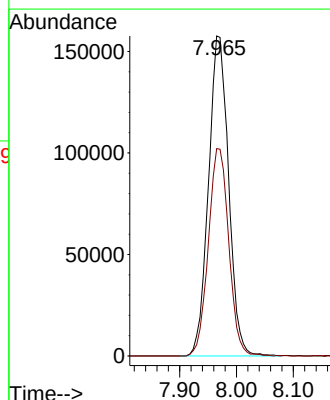
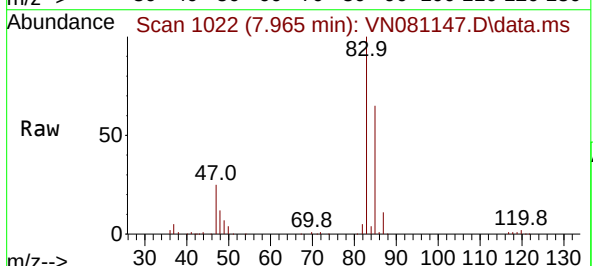
Delta R.T. -0.000 min

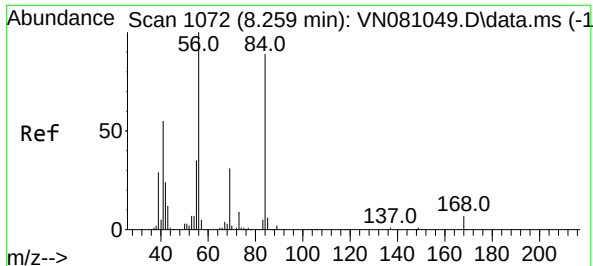
Lab File: VN081147.D

Acq: 22 Feb 2024 19:59

Tgt Ion: 83 Resp: 386944

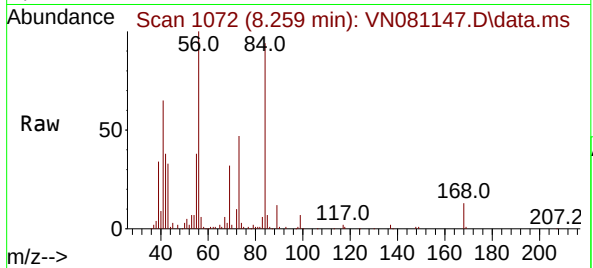
Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.0	76.6





#31
Cyclohexane
Concen: 42.720 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

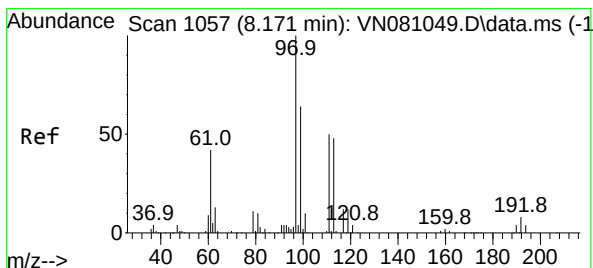
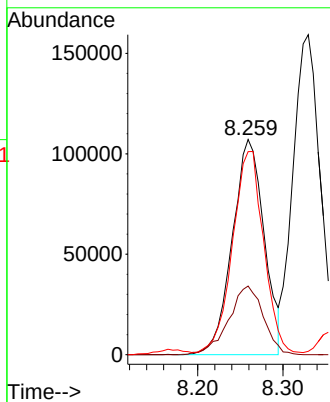
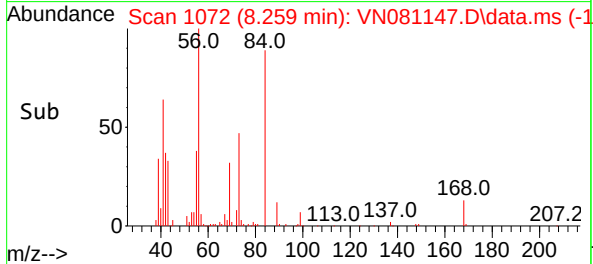
Instrument :
MSVOA_N
ClientSampleId :
P1539-06MS



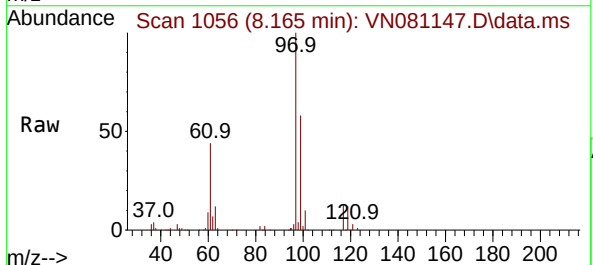
Tgt Ion: 56 Resp: 278928
Ion Ratio Lower Upper
56 100
69 31.9 20.1 30.1
84 92.1 56.9 85.3

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APPROVED

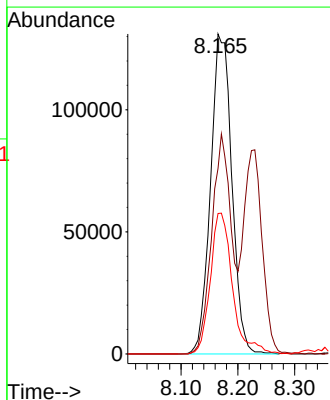
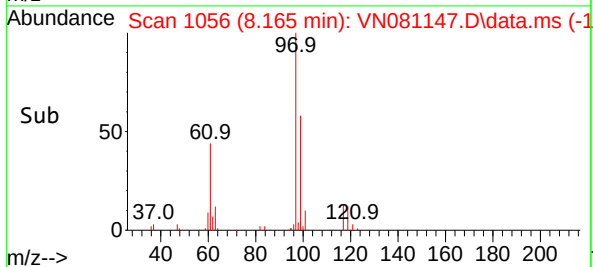
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

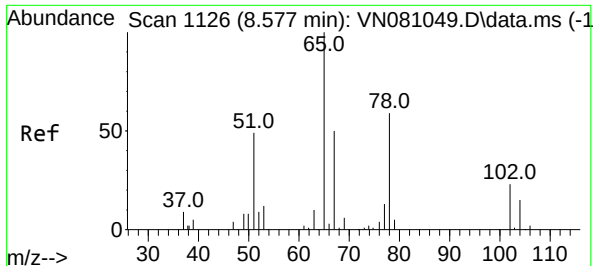


#32
1,1,1-Trichloroethane
Concen: 51.825 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59



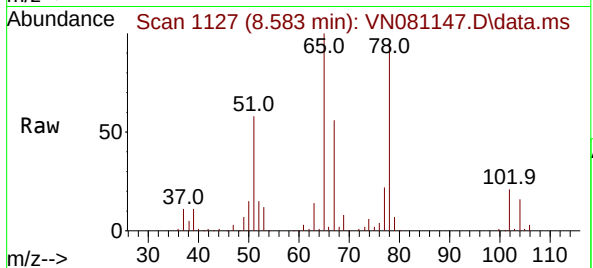
Tgt Ion: 97 Resp: 340678
Ion Ratio Lower Upper
97 100
99 64.1 53.4 80.0
61 45.9 43.8 65.8





#33
1,2-Dichloroethane-d4
Concen: 50.807 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

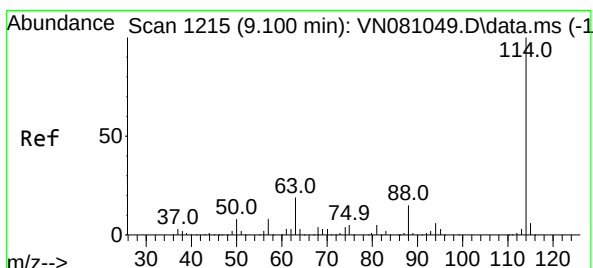
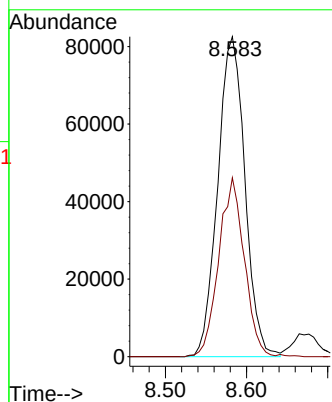
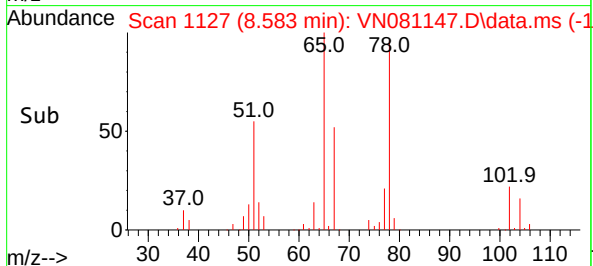
Instrument :
MSVOA_N
ClientSampleId :
P1539-06MS



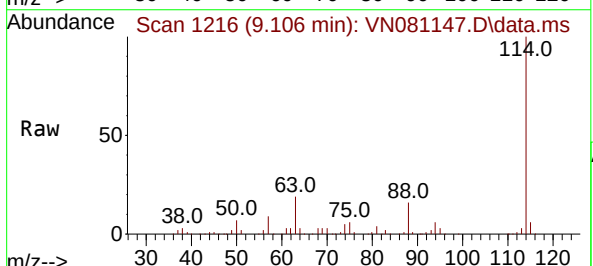
Tgt Ion: 65 Resp: 192118
Ion Ratio Lower Upper
65 100
67 52.5 0.0 102.4

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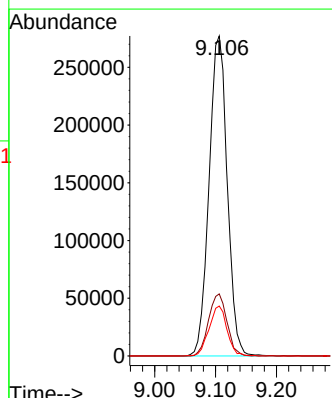
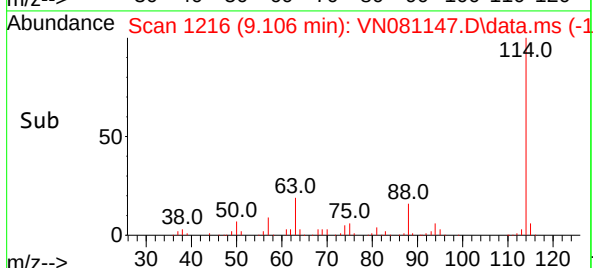
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

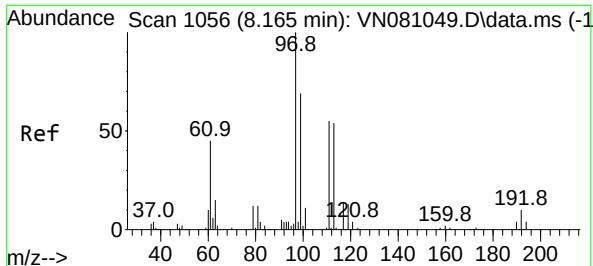


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59



Tgt Ion:114 Resp: 575101
Ion Ratio Lower Upper
114 100
63 19.4 0.0 48.0
88 15.6 0.0 34.8





#35

Dibromofluoromethane

Concen: 0.066 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN081147.D

Acq: 22 Feb 2024 19:59

Instrument :

MSVOA_N

ClientSampleId :

P1539-06MS

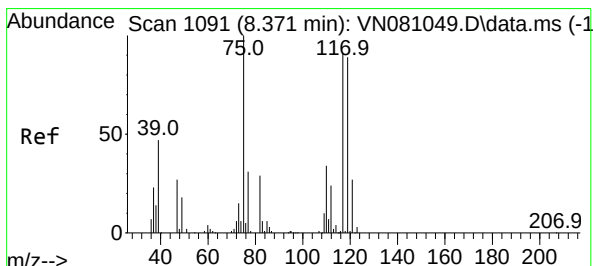
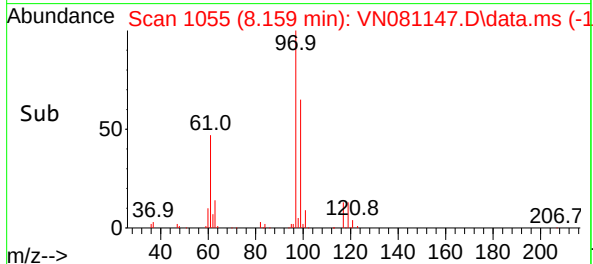
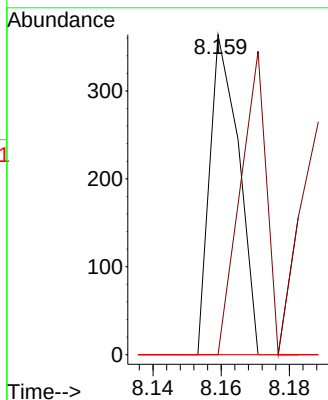
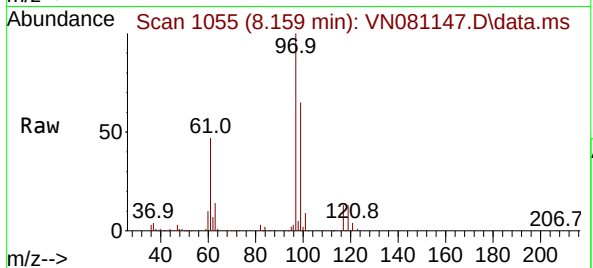
Tgt Ion:	113	Resp:	215
Ion	Ratio	Lower	Upper
113	100		
111	0.0	82.2	123.4
192	0.0	12.5	18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#36

1,1-Dichloropropene

Concen: 46.939 ug/l

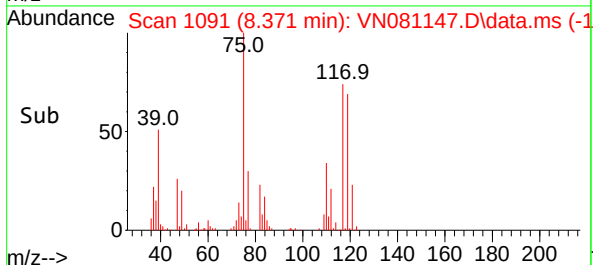
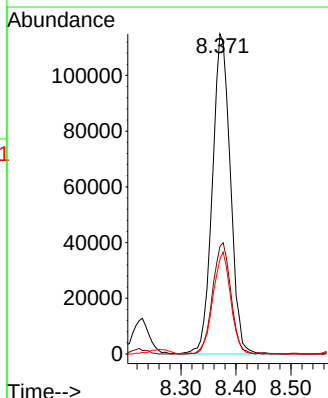
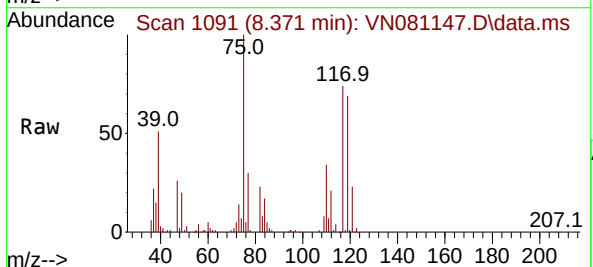
RT: 8.371 min Scan# 1091

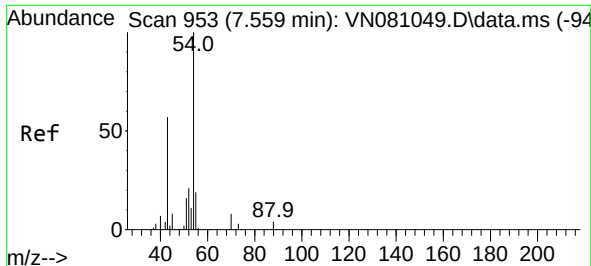
Delta R.T. -0.000 min

Lab File: VN081147.D

Acq: 22 Feb 2024 19:59

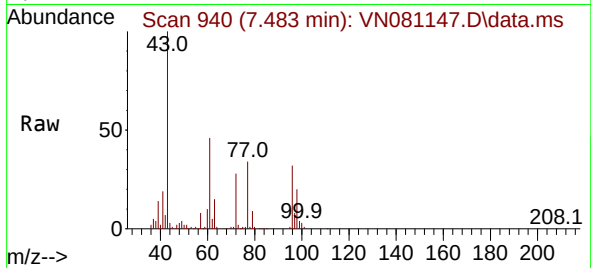
Tgt Ion:	75	Resp:	261519
Ion	Ratio	Lower	Upper
75	100		
110	35.0	16.0	48.0
77	31.5	25.8	38.6





#37
Ethyl Acetate
Concen: 135.261 ug/l
RT: 7.483 min Scan# 94
Delta R.T. -0.076 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

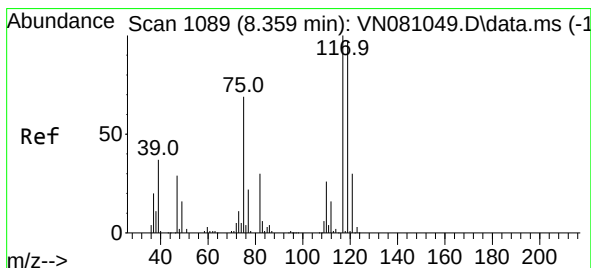
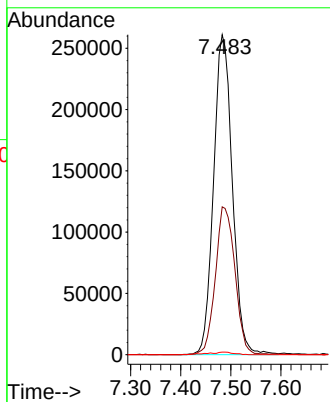
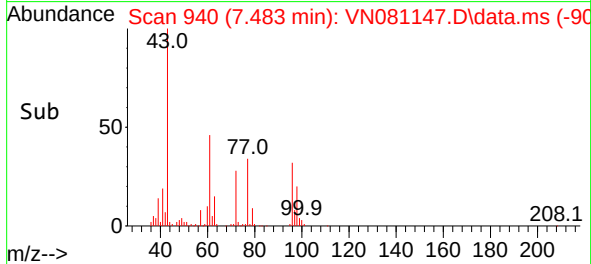
Instrument :
MSVOA_N
ClientSampleId :
P1539-06MS



Tgt Ion: 43 Resp: 680120
Ion Ratio Lower Upper
43 100
61 48.1 10.6 15.8
70 1.1 8.0 12.0

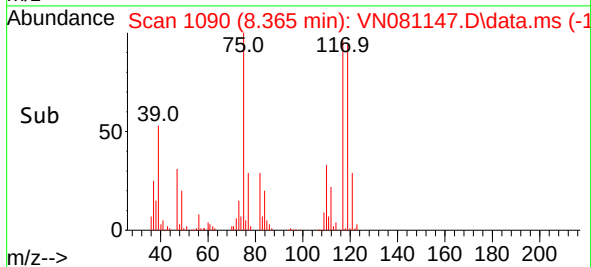
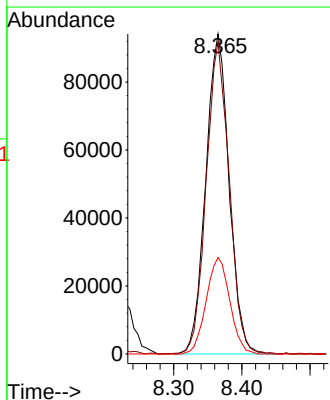
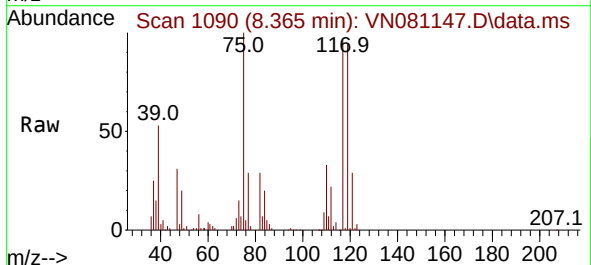
Manual Integrations
APPROVED

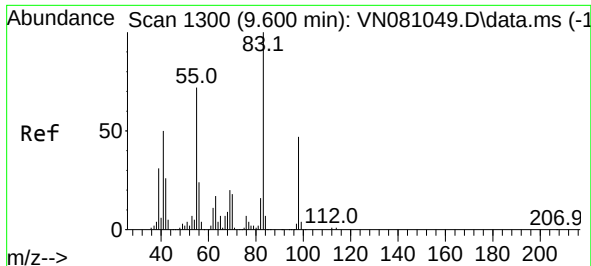
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#38
Carbon Tetrachloride
Concen: 39.841 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

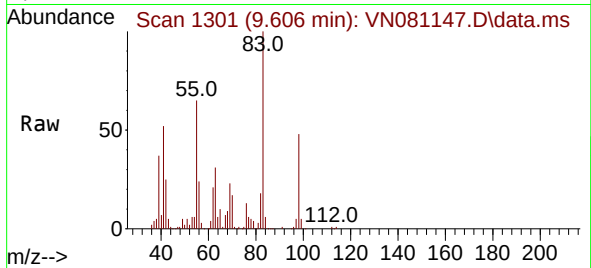
Tgt Ion:117 Resp: 224573
Ion Ratio Lower Upper
117 100
119 97.5 73.4 110.2
121 30.2 24.4 36.6





#39
Methylcyclohexane
Concen: 44.902 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

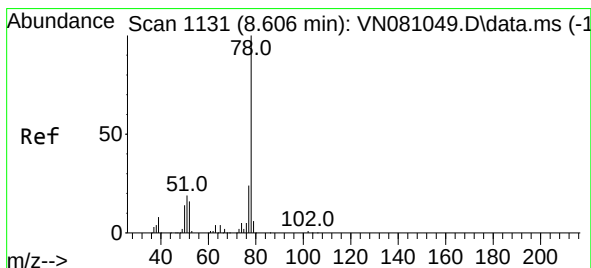
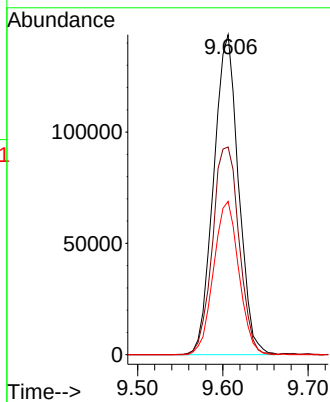
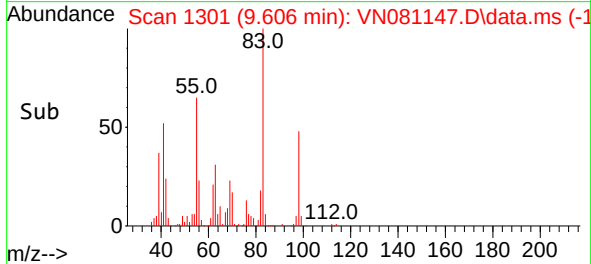
Instrument :
MSVOA_N
ClientSampleId :
P1539-06MS



Tgt Ion: 83 Resp: 291623
Ion Ratio Lower Upper
83 100
55 64.8 65.7 98.5
98 47.9 33.8 50.6

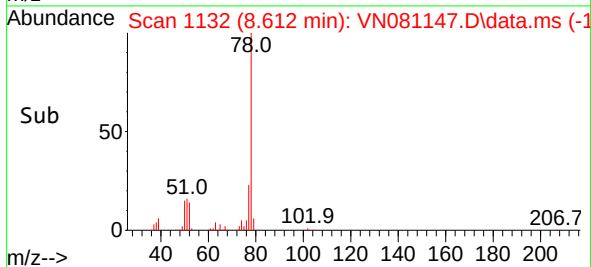
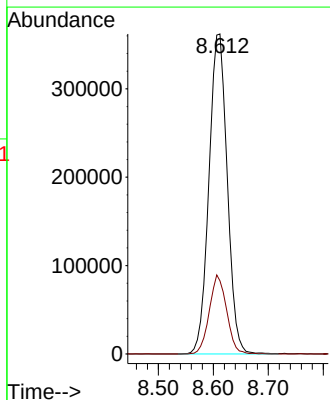
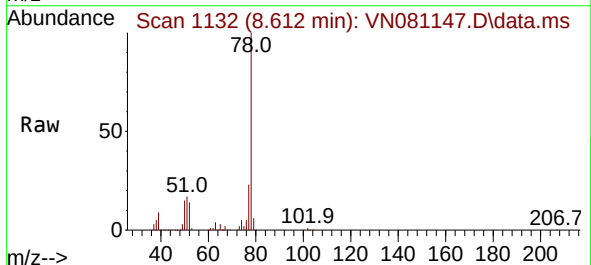
Manual Integrations
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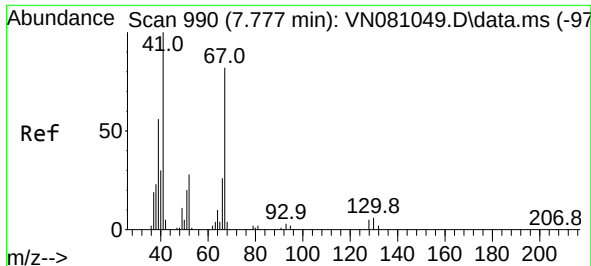
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#40
Benzene
Concen: 51.886 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

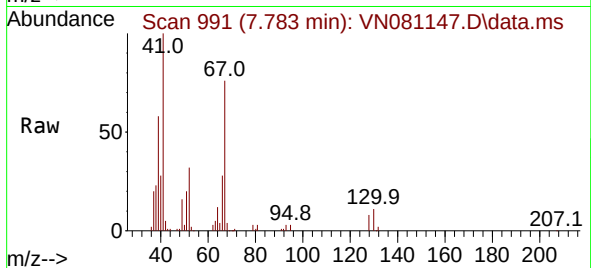
Tgt Ion: 78 Resp: 836736
Ion Ratio Lower Upper
78 100
77 22.8 20.4 30.6





#41
Methacrylonitrile
Concen: 55.434 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

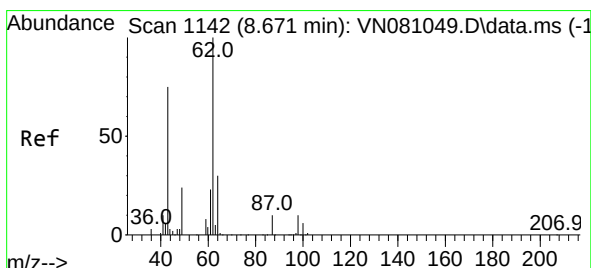
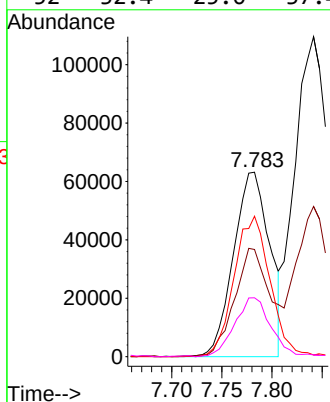
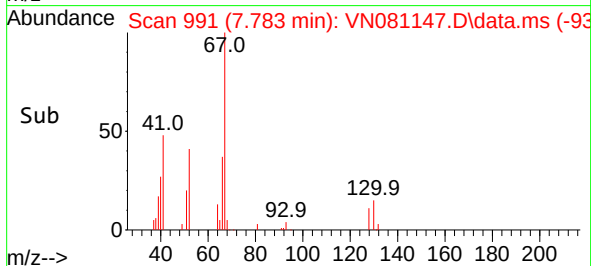
Instrument :
MSVOA_N
ClientSampleId :
P1539-06MS



Tgt Ion: 41 Resp: 15863
Ion Ratio Lower Upper
41 100
39 60.0 48.4 72.6
67 76.1 56.8 85.2
52 32.4 25.0 37.4

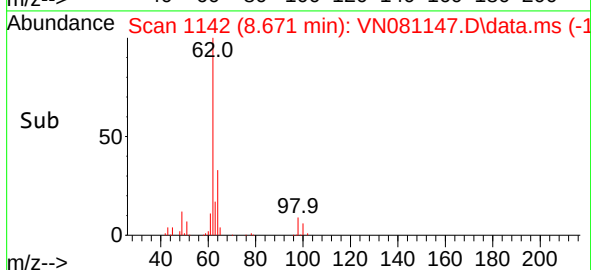
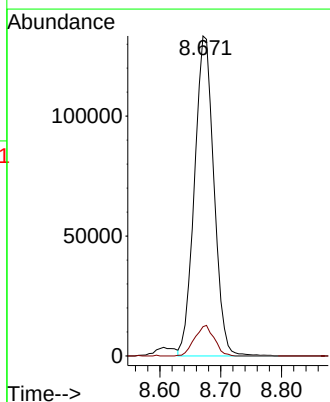
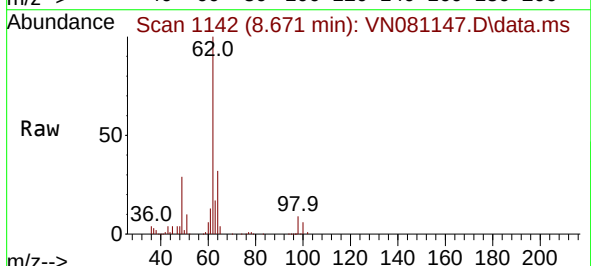
Manual Integrations
APPROVED

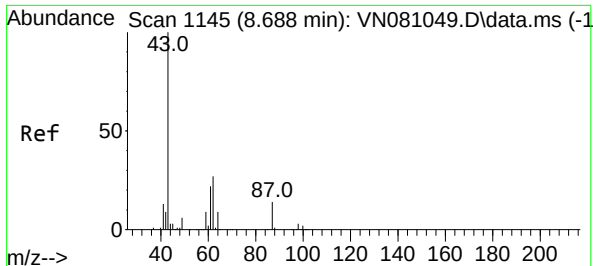
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#42
1,2-Dichloroethane
Concen: 52.584 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

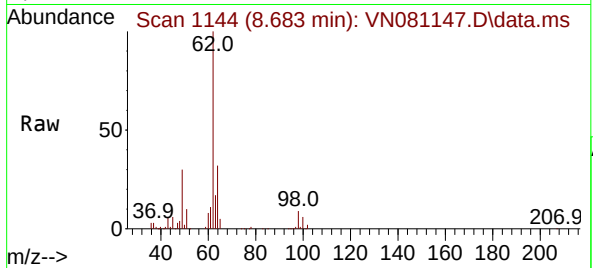
Tgt Ion: 62 Resp: 295851
Ion Ratio Lower Upper
62 100
98 9.7 0.0 18.0





#43
Isopropyl Acetate
Concen: 1.752 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

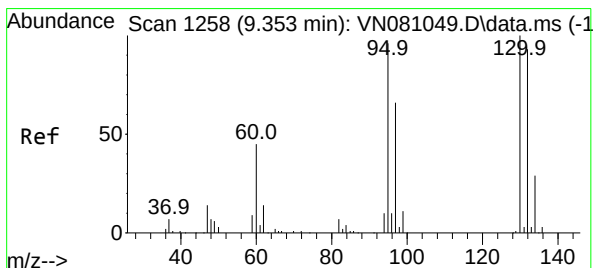
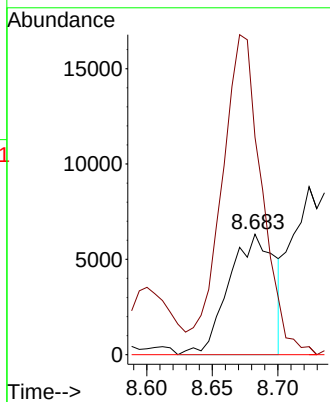
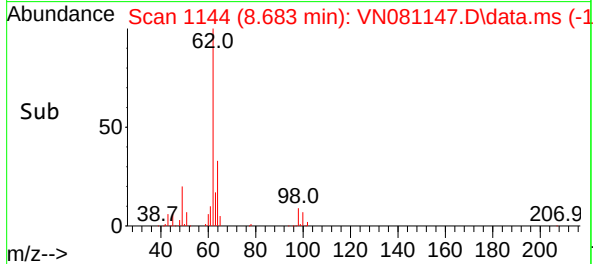
Instrument :
MSVOA_N
ClientSampleId :
P1539-06MS



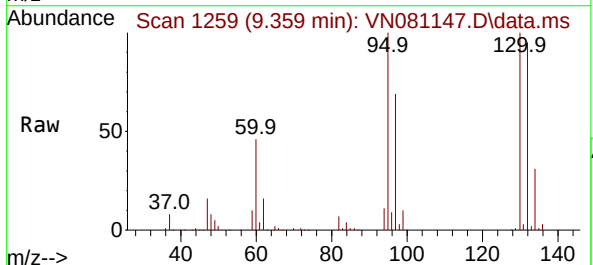
Tgt Ion: 43 Resp: 1540
Ion Ratio Lower Upper
43 100
61 232.6 19.9 29.9
87 0.0 9.0 13.6

Manual Integrations
APPROVED

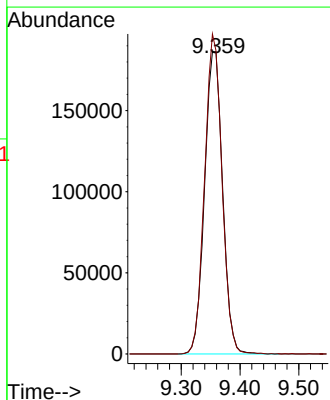
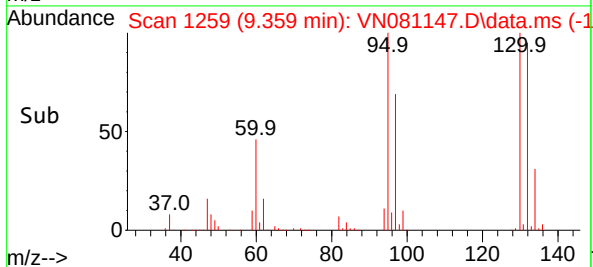
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

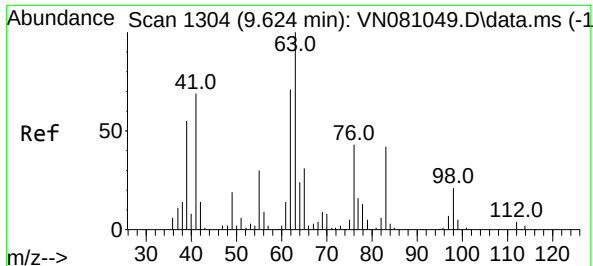


#44
Trichloroethene
Concen: 92.296 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59



Tgt Ion:130 Resp: 396427
Ion Ratio Lower Upper
130 100
95 100.4 0.0 210.4





#45

1,2-Dichloropropane

Concen: 54.058 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081147.D

Acq: 22 Feb 2024 19:59

Instrument :

MSVOA_N

ClientSampleId :

P1539-06MS

Tgt Ion: 63 Resp: 21806

Ion Ratio Lower Upper

63 100

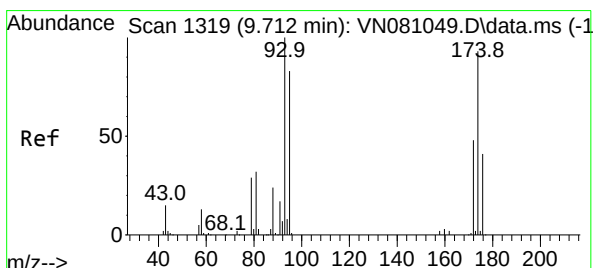
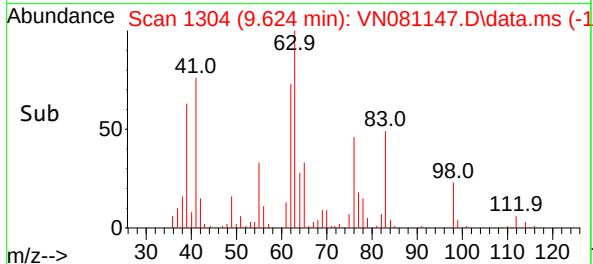
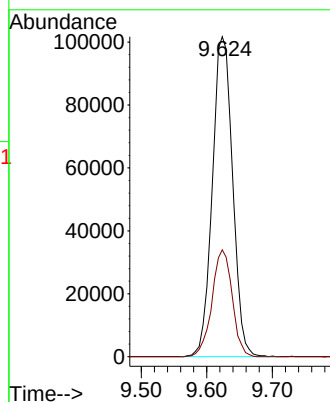
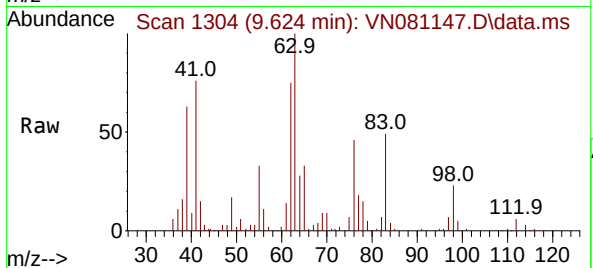
65 33.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#46

Dibromomethane

Concen: 54.497 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081147.D

Acq: 22 Feb 2024 19:59

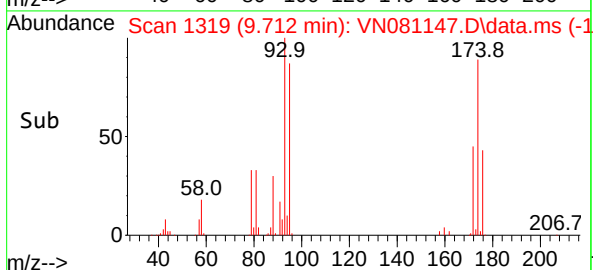
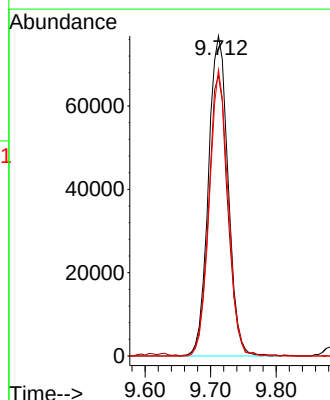
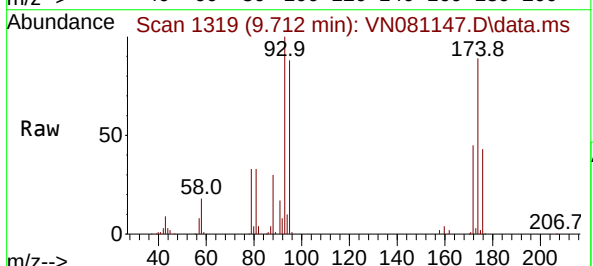
Tgt Ion: 93 Resp: 160175

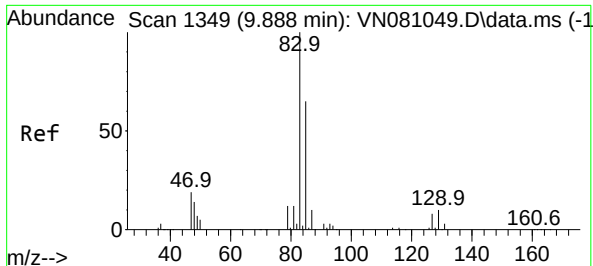
Ion Ratio Lower Upper

93 100

95 85.1 68.1 102.1

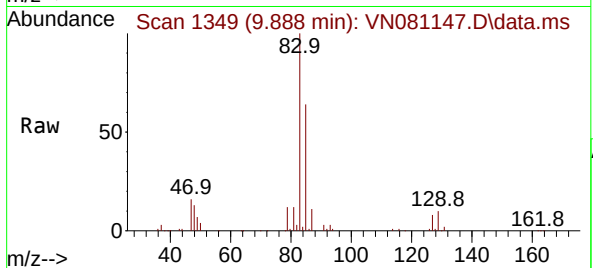
174 85.1 57.2 85.8





#47
Bromodichloromethane
Concen: 30.169 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

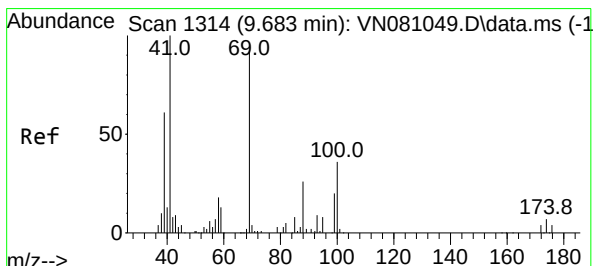
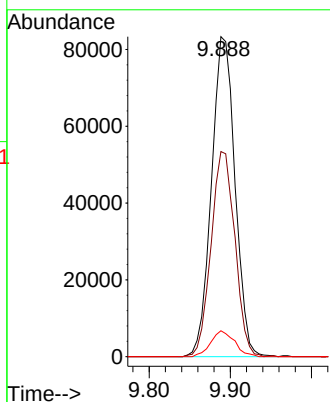
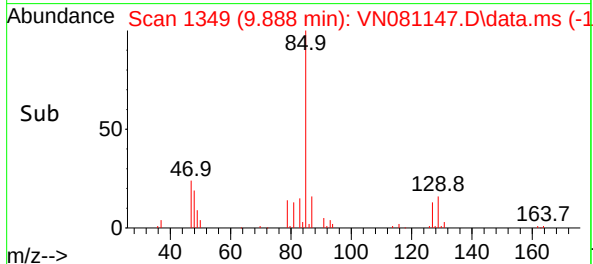
Instrument :
MSVOA_N
ClientSampleId :
P1539-06MS



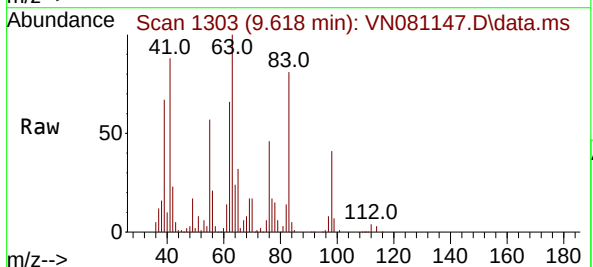
Tgt Ion: 83 Resp: 16794
Ion Ratio Lower Upper
83 100
85 64.1 52.3 78.5
127 8.1 4.6 7.0

Manual Integrations
APPROVED

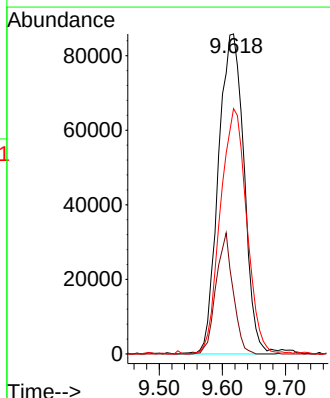
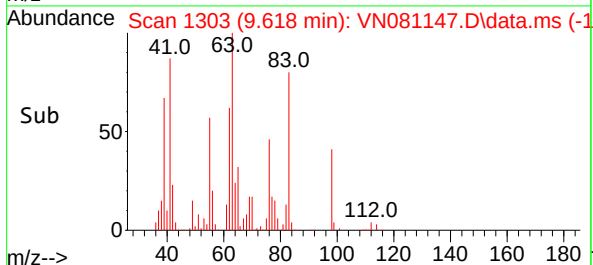
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

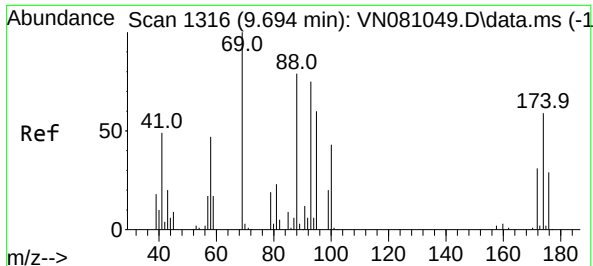


#48
Methyl methacrylate
Concen: 59.105 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.065 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59



Tgt Ion: 41 Resp: 241855
Ion Ratio Lower Upper
41 100
69 25.1 62.2 93.2#
39 78.8 47.6 71.4#





#49

1,4-Dioxane

Concen: 1236.839 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN081147.D

Acq: 22 Feb 2024 19:59

Instrument :

MSVOA_N

ClientSampleId :

P1539-06MS

Tgt Ion: 88 Resp: 9242

Ion Ratio Lower Upper

88 100

43 24.5 30.1 45.1

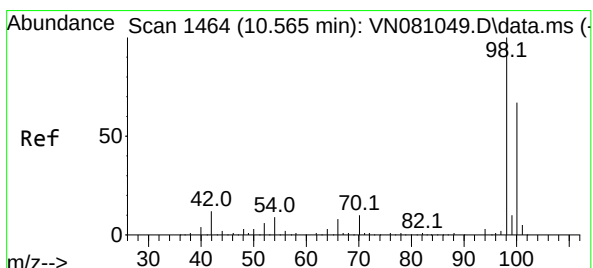
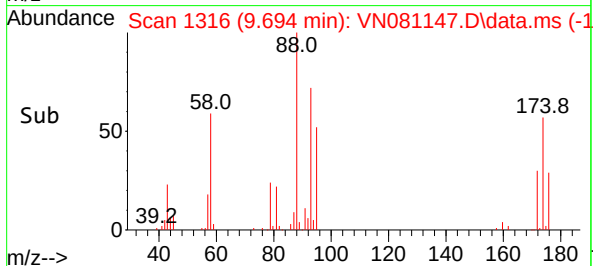
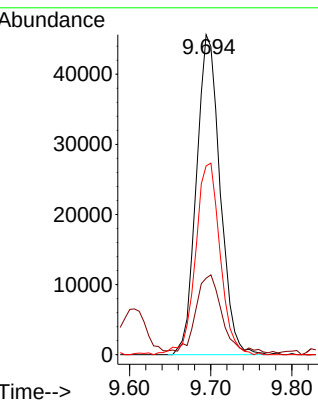
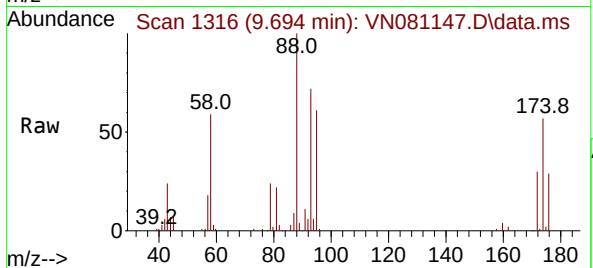
58 62.3 63.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#50

Toluene-d8

Concen: 46.022 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081147.D

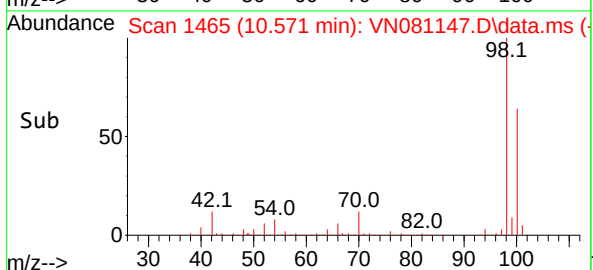
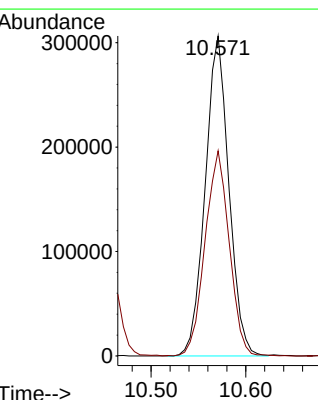
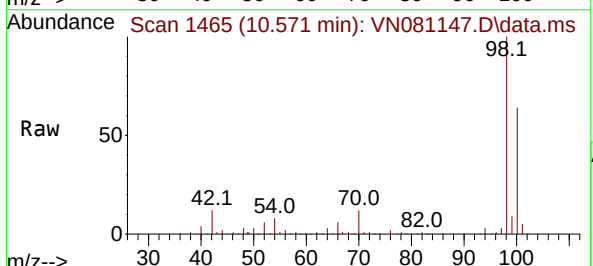
Acq: 22 Feb 2024 19:59

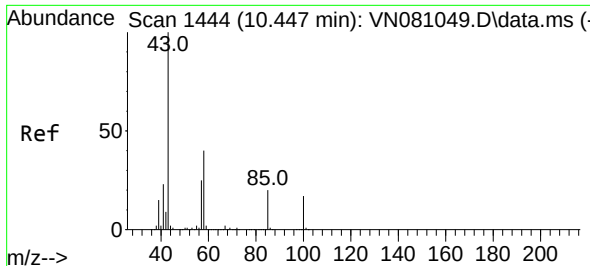
Tgt Ion: 98 Resp: 531568

Ion Ratio Lower Upper

98 100

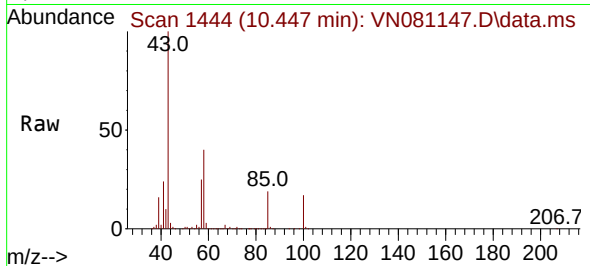
100 65.7 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 305.257 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

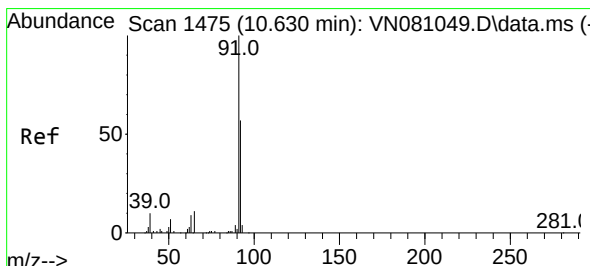
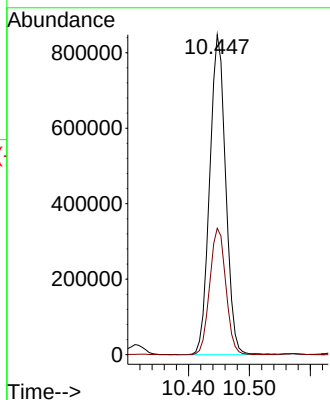
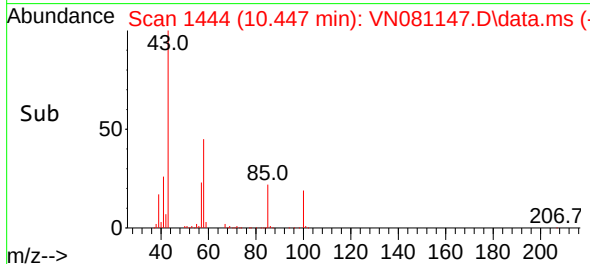
Instrument :
MSVOA_N
ClientSampleId :
P1539-06MS



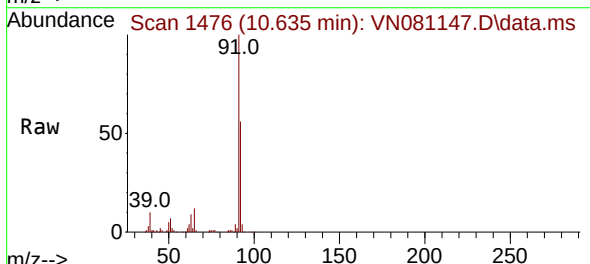
Tgt Ion: 43 Resp: 1544235
Ion Ratio Lower Upper
43 100
58 39.8 29.4 44.0

Manual Integrations
APPROVED

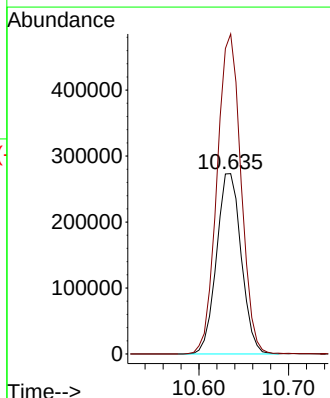
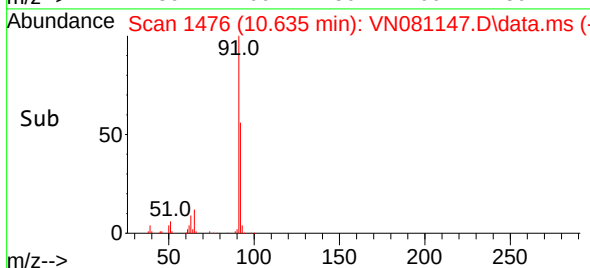
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

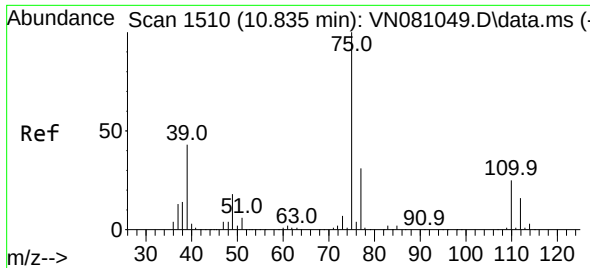


#52
Toluene
Concen: 51.137 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59



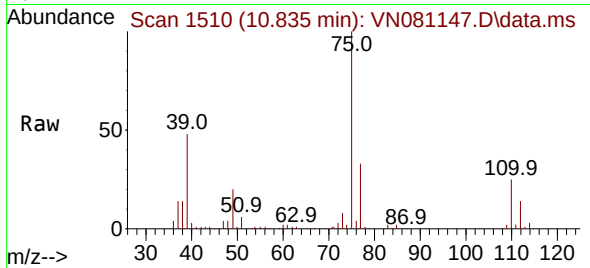
Tgt Ion: 92 Resp: 522065
Ion Ratio Lower Upper
92 100
91 172.7 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 40.719 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

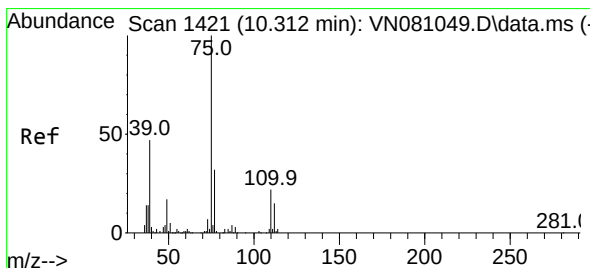
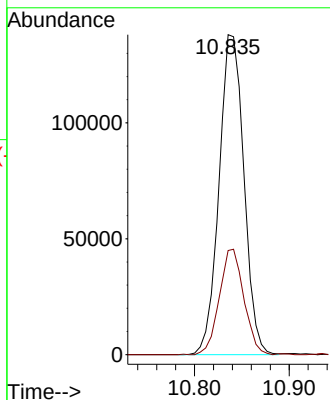
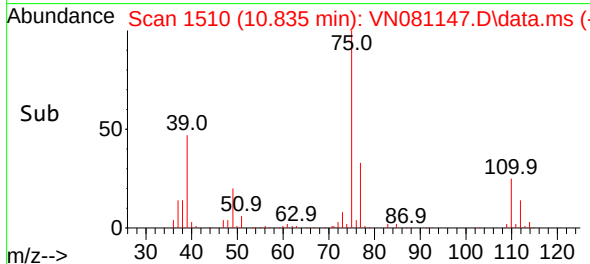
Instrument :
MSVOA_N
ClientSampleId :
P1539-06MS



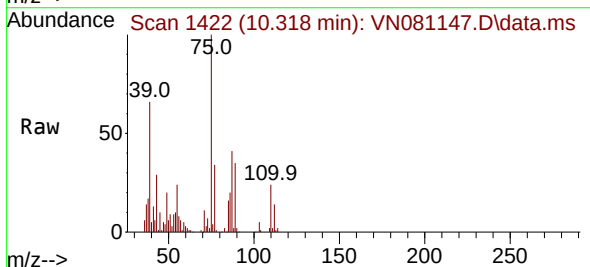
Tgt Ion: 75 Resp: 25188
Ion Ratio Lower Upper
75 100
77 32.6 25.5 38.3

Manual Integrations
APPROVED

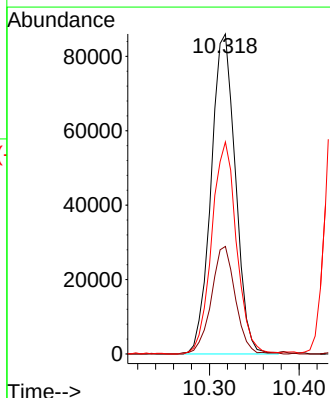
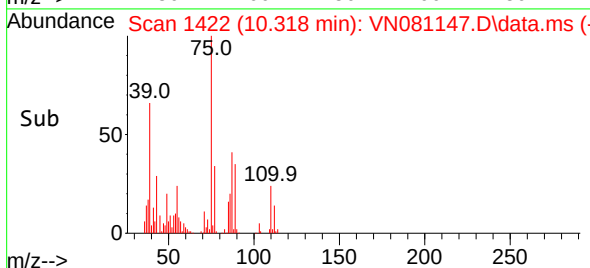
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

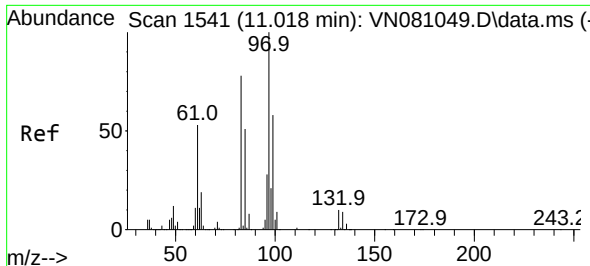


#54
cis-1,3-Dichloropropene
Concen: 24.281 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59



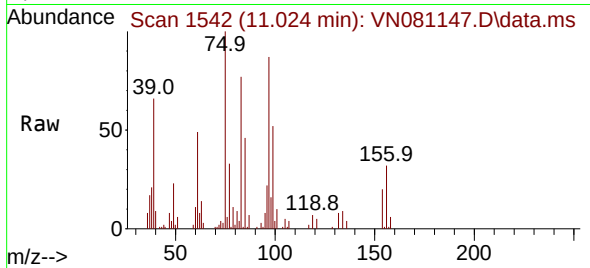
Tgt Ion: 75 Resp: 162283
Ion Ratio Lower Upper
75 100
77 33.6 23.3 34.9
39 66.2 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 11.908 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

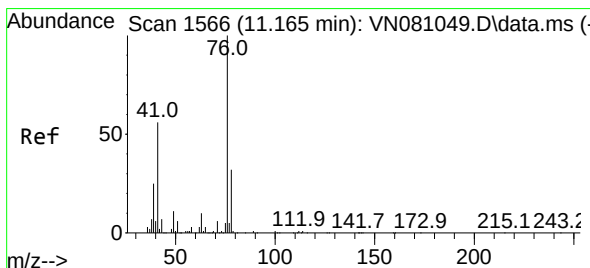
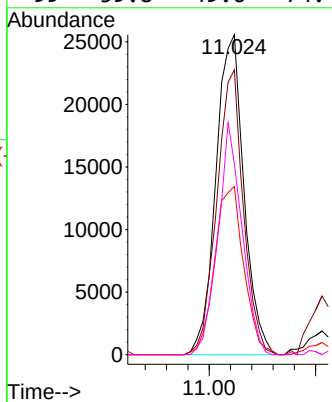
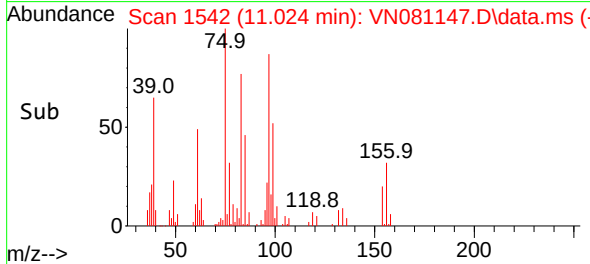
Instrument :
MSVOA_N
ClientSampleId :
P1539-06MS



Tgt Ion: 97 Resp: 46760
Ion Ratio Lower Upper
97 100
83 89.0 72.9 109.3
85 52.6 50.2 75.2
99 59.8 49.6 74.4

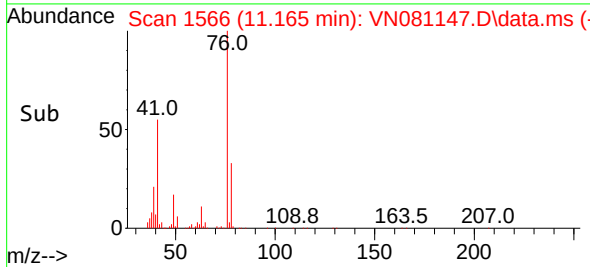
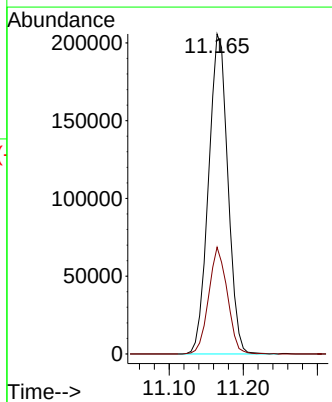
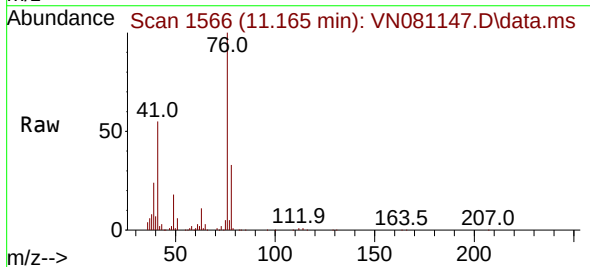
Manual Integrations
APPROVED

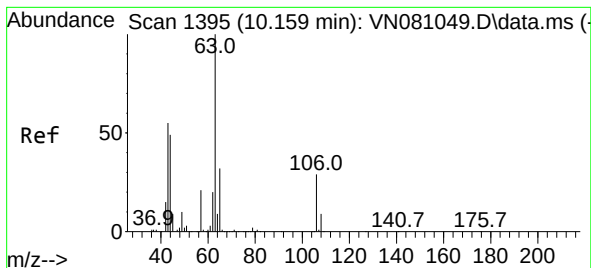
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#57
1,3-Dichloropropane
Concen: 54.853 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

Tgt Ion: 76 Resp: 372424
Ion Ratio Lower Upper
76 100
78 32.2 25.5 38.3





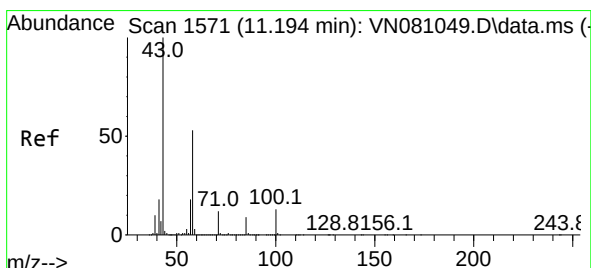
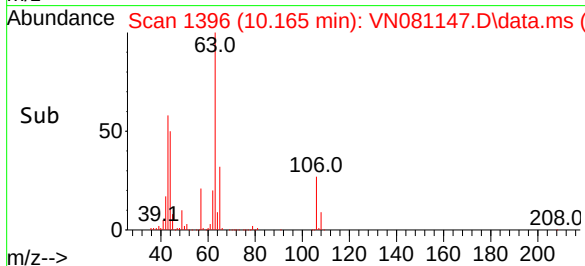
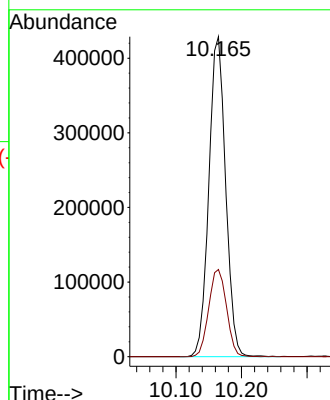
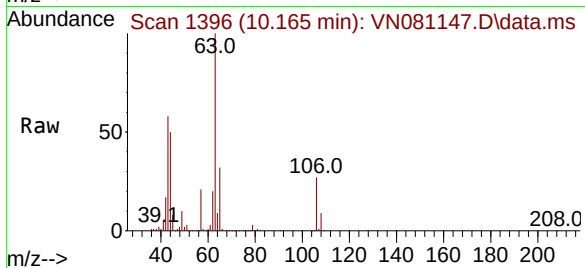
#58
2-Chloroethyl Vinyl ether
Concen: 253.031 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

Instrument :
MSVOA_N
ClientSampleId :
P1539-06MS

Tgt Ion: 63 Resp: 761890
Ion Ratio Lower Upper
63 100
106 28.9 18.6 28.0

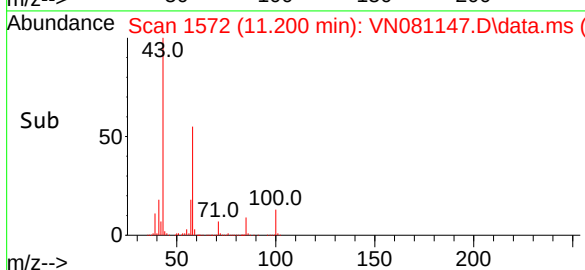
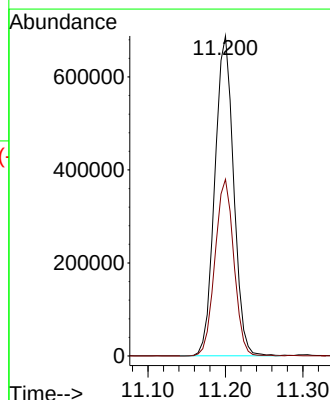
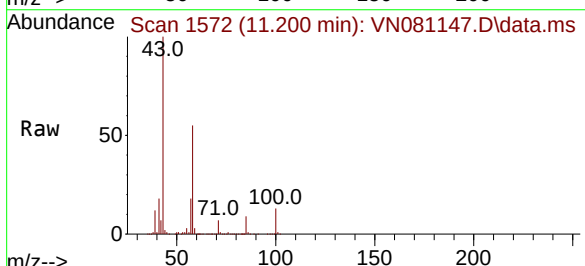
Manual Integrations
APPROVED

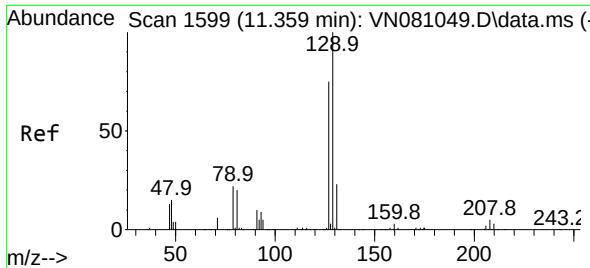
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#59
2-Hexanone
Concen: 288.769 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

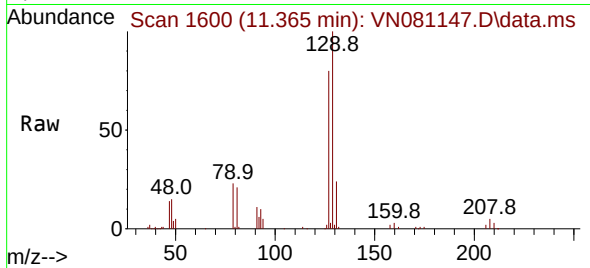
Tgt Ion: 43 Resp: 1158146
Ion Ratio Lower Upper
43 100
58 55.5 25.9 77.8





#60
Dibromochloromethane
Concen: 34.313 ug/l
RT: 11.365 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

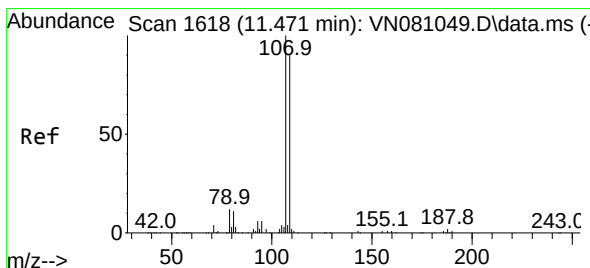
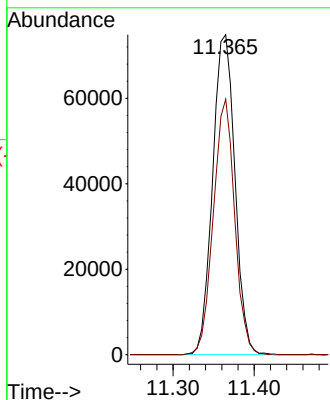
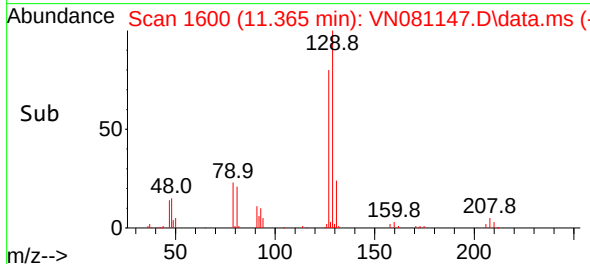
Instrument :
MSVOA_N
ClientSampleId :
P1539-06MS



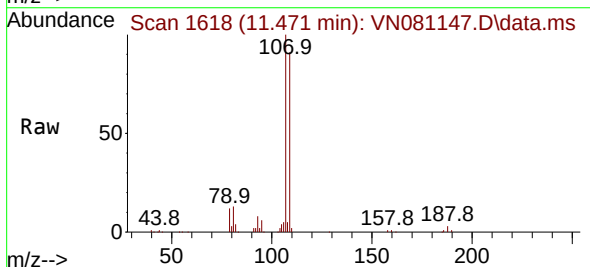
Tgt Ion:129 Resp: 143130
Ion Ratio Lower Upper
129 100
127 76.4 39.4 118.2

Manual Integrations
APPROVED

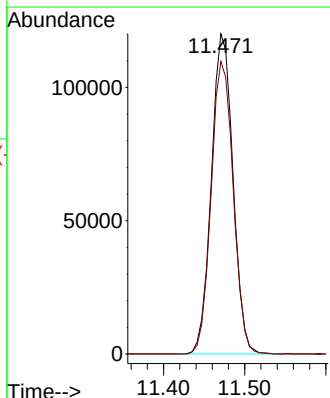
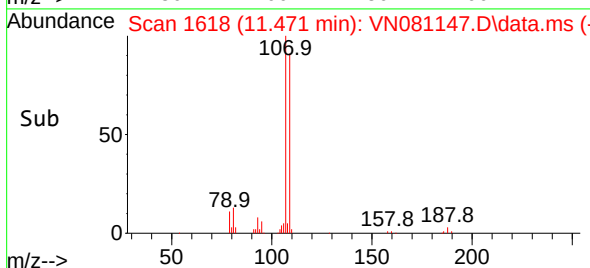
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

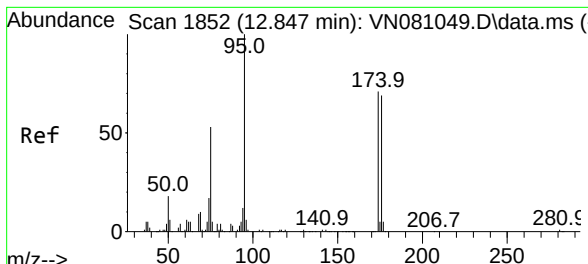


#61
1,2-Dibromoethane
Concen: 53.781 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59



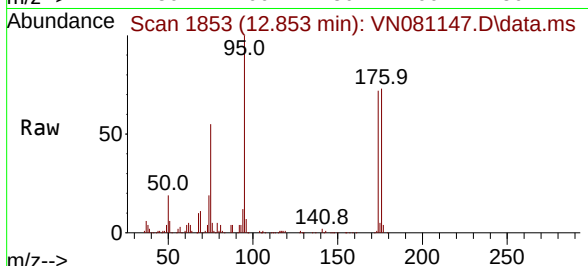
Tgt Ion:107 Resp: 222069
Ion Ratio Lower Upper
107 100
109 93.2 73.4 110.2





#62
4-Bromofluorobenzene
Concen: 48.682 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

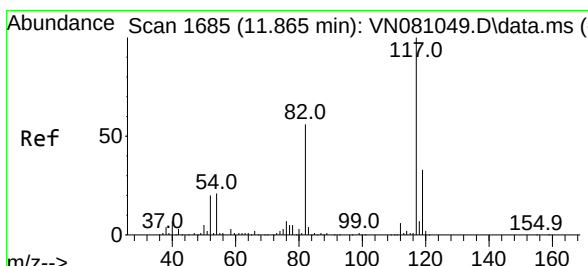
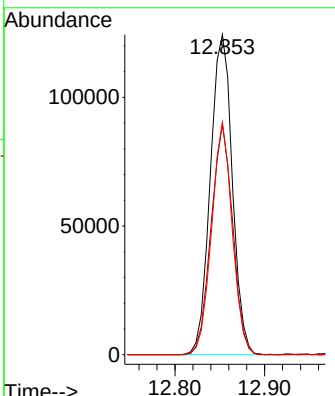
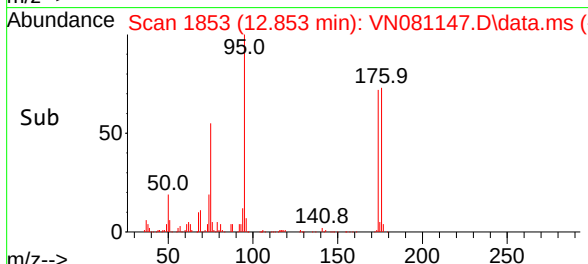
Instrument : MSVOA_N
ClientSampleId : P1539-06MS



Tgt Ion:	95	Resp:	21128
Ion Ratio	Lower	Upper	
95	100		
174	70.5	0.0	120.4
176	68.3	0.0	121.0

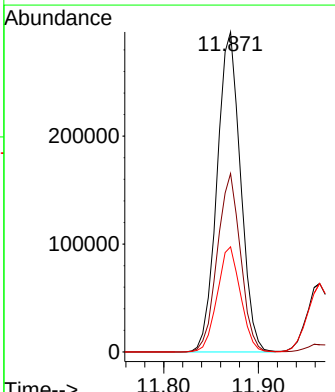
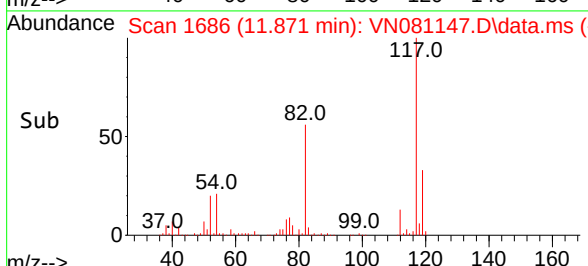
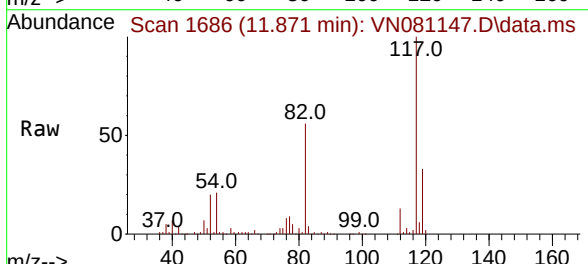
Manual Integrations
APPROVED

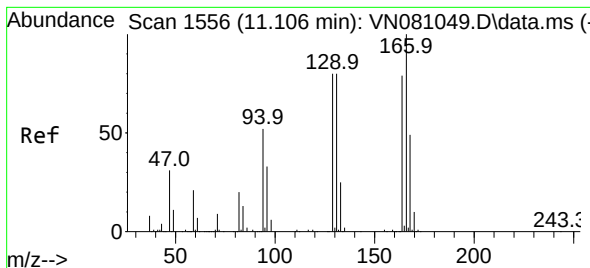
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

Tgt Ion:	117	Resp:	511609
Ion Ratio	Lower	Upper	
117	100		
82	55.7	52.7	79.1
119	32.8	25.3	37.9





#64

Tetrachloroethene

Concen: 79.626 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN081147.D

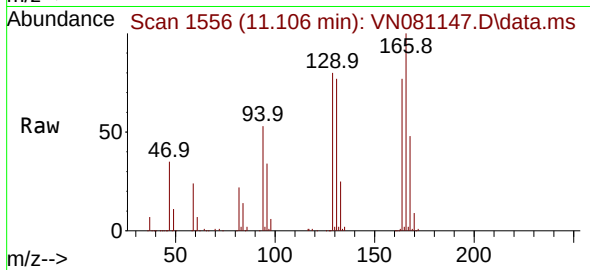
Acq: 22 Feb 2024 19:59

Instrument :

MSVOA_N

ClientSampleId :

P1539-06MS



Tgt Ion:164 Resp: 278034

Ion Ratio Lower Upper

164 100

166 129.3 105.8 158.6

129 103.4 89.6 134.4

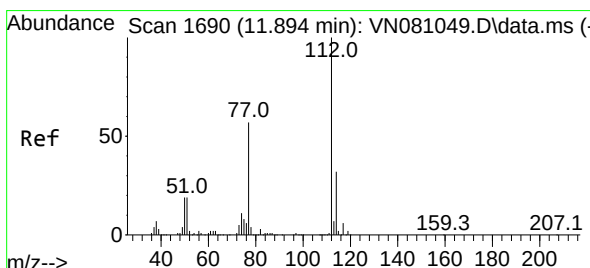
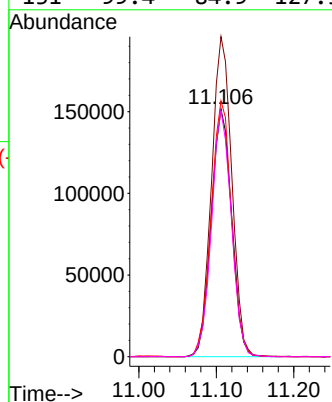
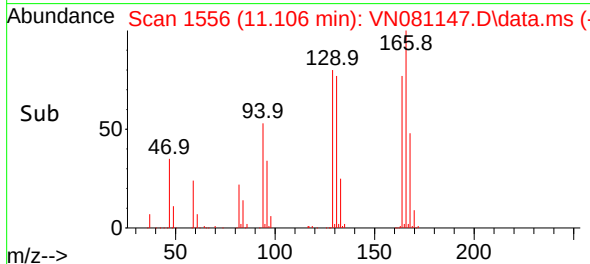
131 99.4 84.9 127.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#65

Chlorobenzene

Concen: 50.065 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. -0.000 min

Lab File: VN081147.D

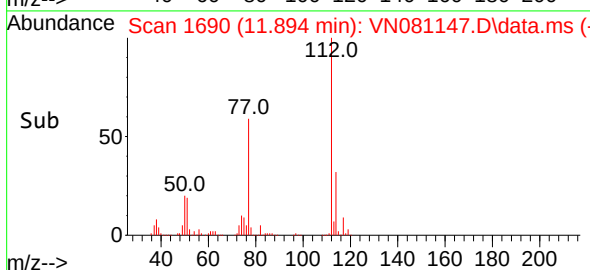
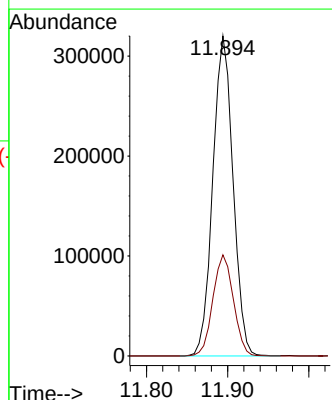
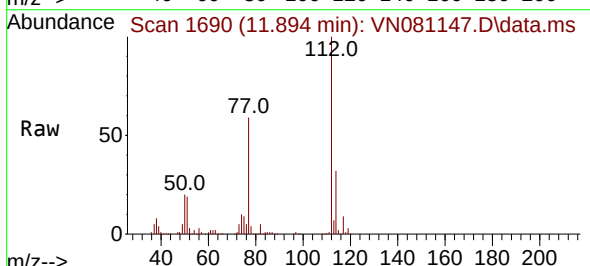
Acq: 22 Feb 2024 19:59

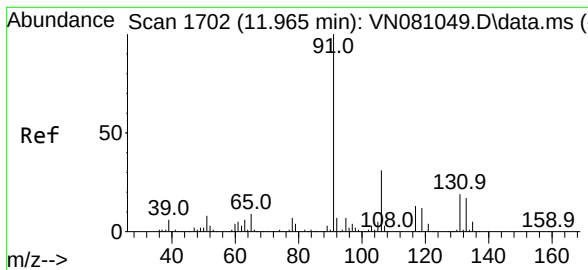
Tgt Ion:112 Resp: 554355

Ion Ratio Lower Upper

112 100

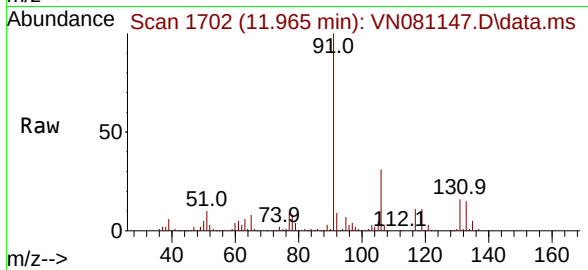
114 31.6 23.7 35.5





#66
1,1,1,2-Tetrachloroethane
Concen: 41.010 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

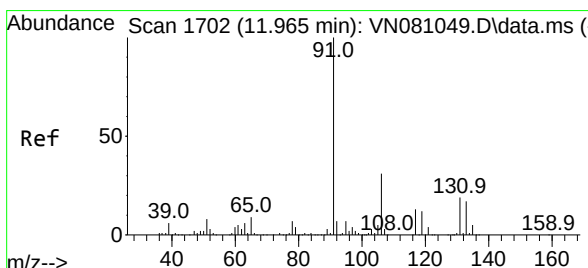
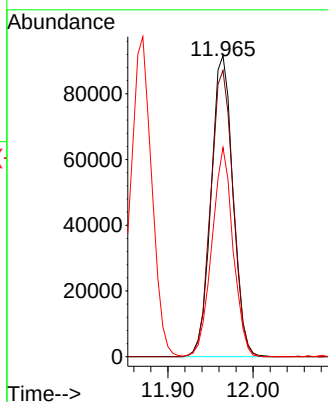
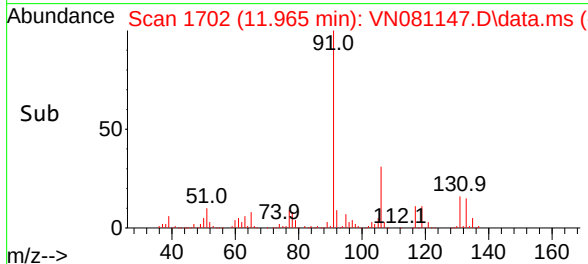
Instrument :
MSVOA_N
ClientSampleId :
P1539-06MS



Tgt Ion:131 Resp: 163098
Ion Ratio Lower Upper
131 100
133 98.0 46.8 140.3
119 67.5 34.6 103.9

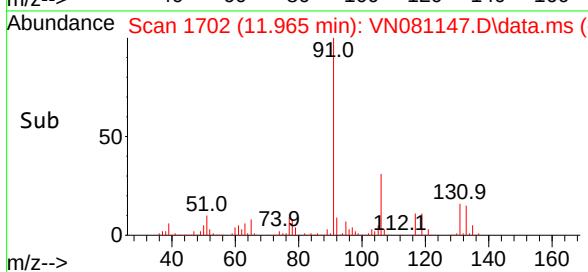
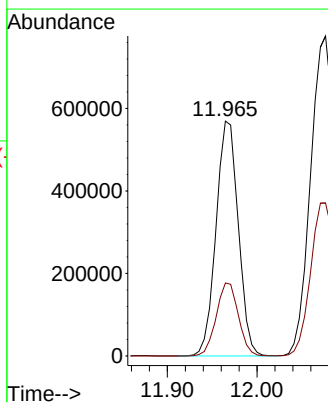
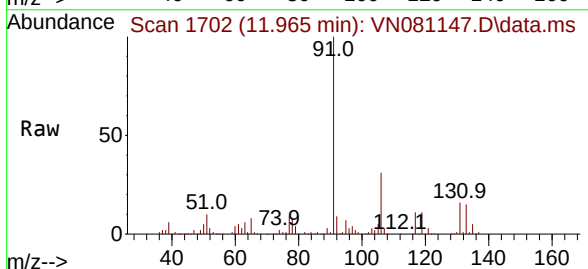
Manual Integrations
APPROVED

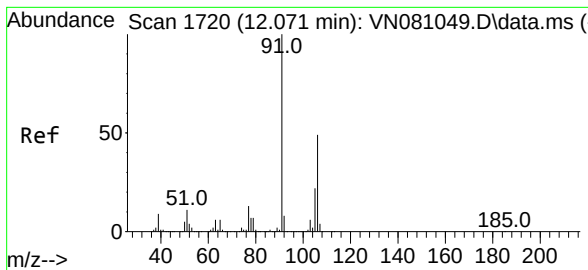
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#67
Ethyl Benzene
Concen: 49.521 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

Tgt Ion: 91 Resp: 981197
Ion Ratio Lower Upper
91 100
106 31.0 23.8 35.6





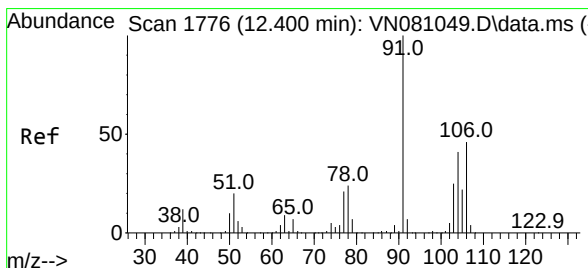
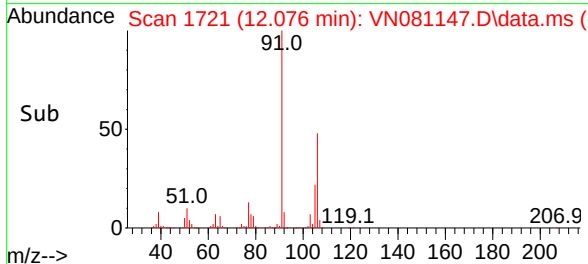
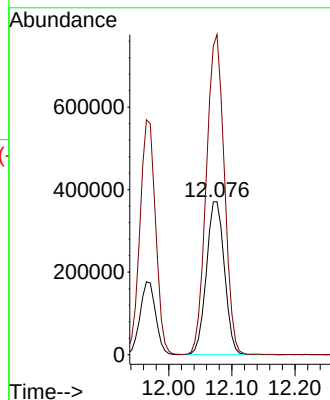
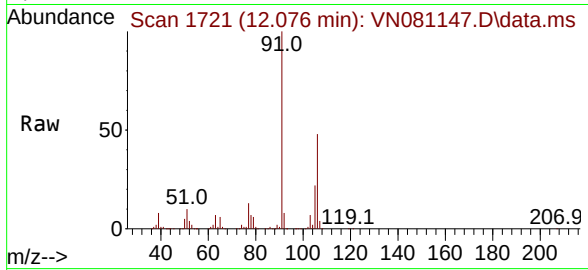
#68
m/p-Xylenes
Concen: 96.788 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

Instrument :
MSVOA_N
ClientSampleId :
P1539-06MS

Tgt Ion:106 Resp: 73506
Ion Ratio Lower Upper
106 100
91 208.1 169.0 253.6

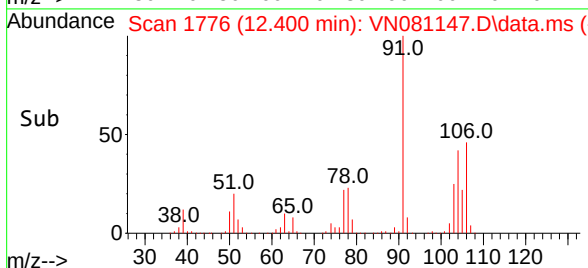
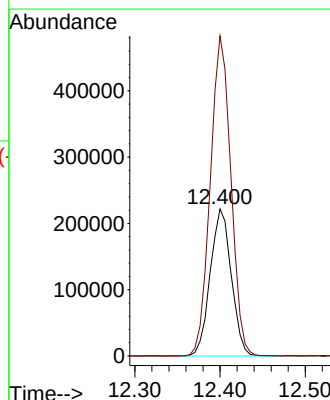
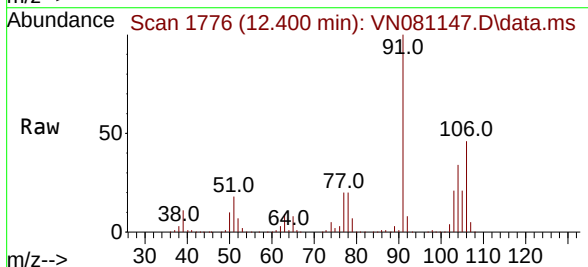
Manual Integrations
APPROVED

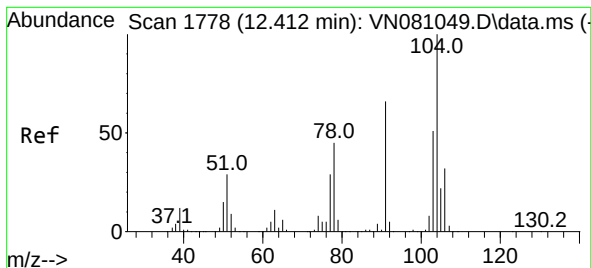
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#69
o-Xylene
Concen: 50.474 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

Tgt Ion:106 Resp: 379979
Ion Ratio Lower Upper
106 100
91 213.6 112.1 336.3





#70

Styrene

Concen: 52.557 ug/l

RT: 12.418 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081147.D

Acq: 22 Feb 2024 19:59

Instrument :

MSVOA_N

ClientSampleId :

P1539-06MS

Tgt Ion:104 Resp: 626970

Ion Ratio Lower Upper

104 100

78 49.6 43.8 65.8

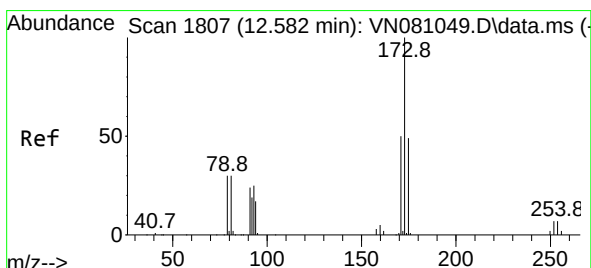
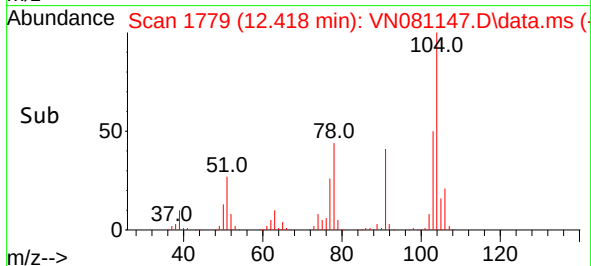
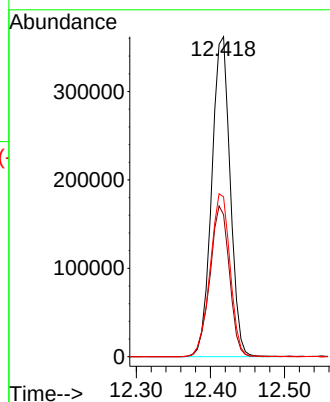
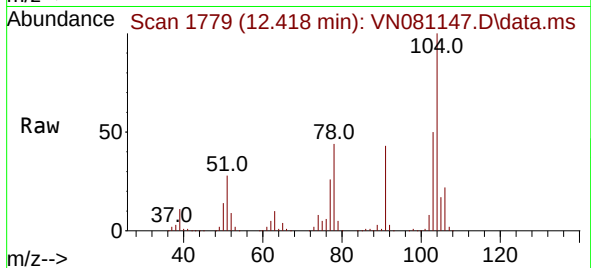
103 54.9 44.2 66.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#71

Bromoform

Concen: 41.828 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN081147.D

Acq: 22 Feb 2024 19:59

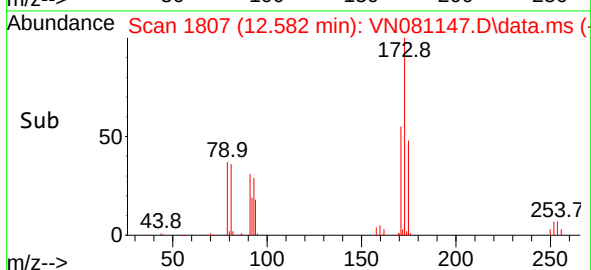
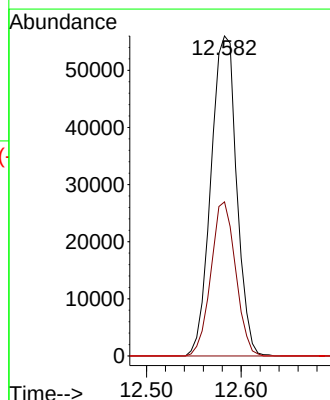
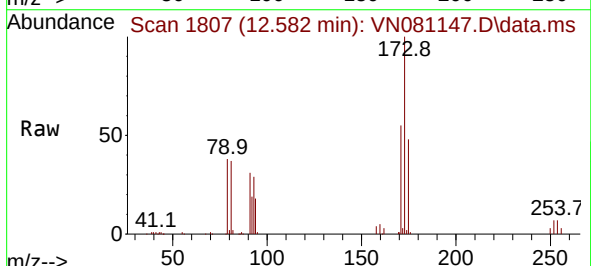
Tgt Ion:173 Resp: 105541

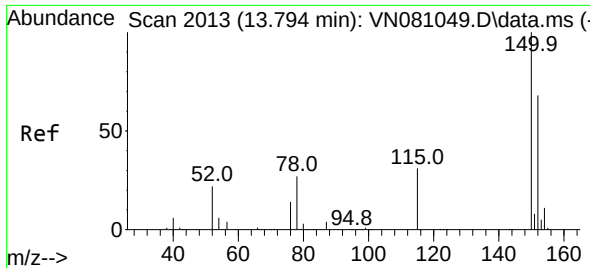
Ion Ratio Lower Upper

173 100

175 46.2 23.1 69.2

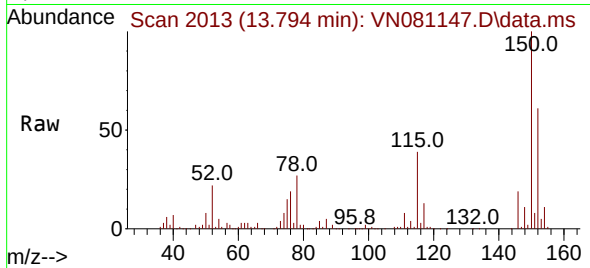
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

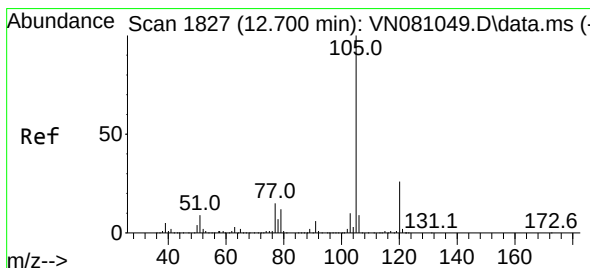
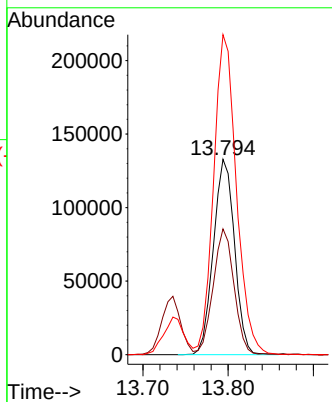
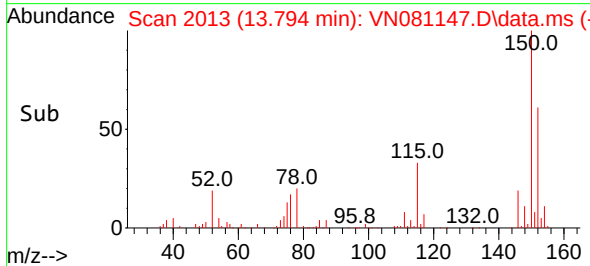
Instrument :
MSVOA_N
ClientSampleId :
P1539-06MS



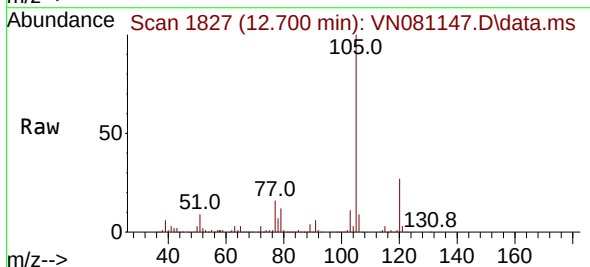
Tgt Ion:152 Resp: 228958
Ion Ratio Lower Upper
152 100
115 63.1 32.3 96.8
150 176.8 0.0 339.8

Manual Integrations
APPROVED

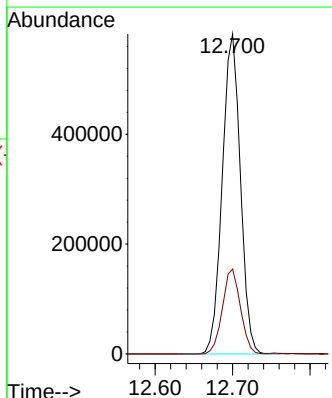
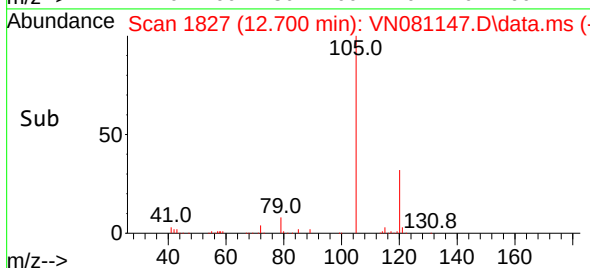
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

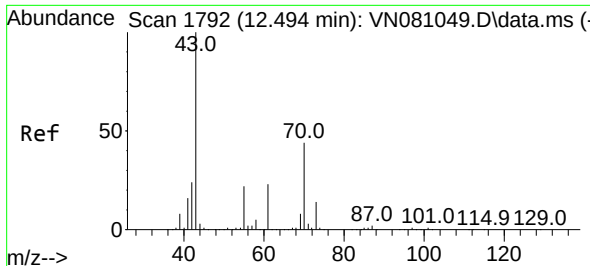


#73
Isopropylbenzene
Concen: 47.193 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59



Tgt Ion:105 Resp: 945393
Ion Ratio Lower Upper
105 100
120 26.4 12.6 37.6





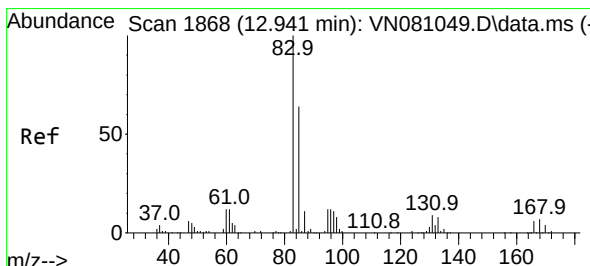
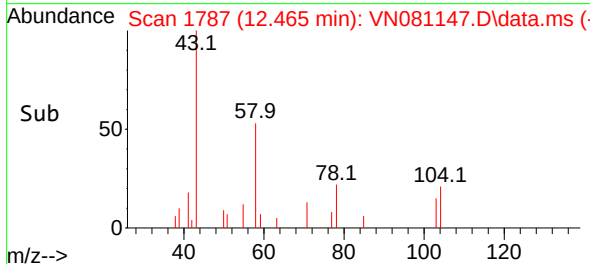
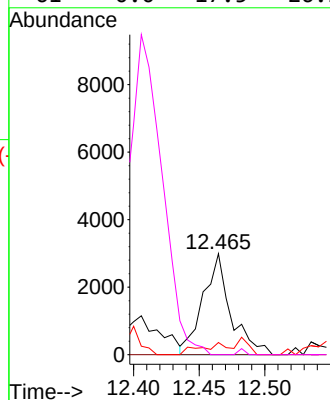
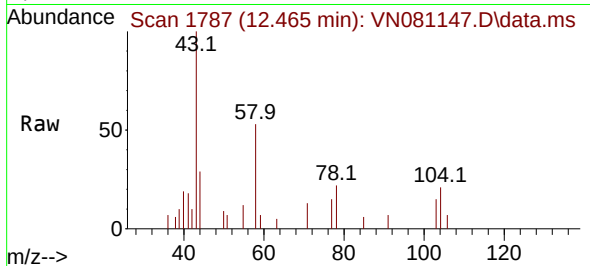
#74
N-amy1 acetate
Concen: 0.519 ug/l
RT: 12.465 min Scan# 1792
Delta R.T. -0.029 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

Instrument :
MSVOA_N
ClientSampleId :
P1539-06MS

Tgt Ion: 43 Resp: 4395
Ion Ratio Lower Upper
43 100
70 0.0 30.1 45.1
55 18.7 17.0 25.4
61 0.0 17.5 26.3#

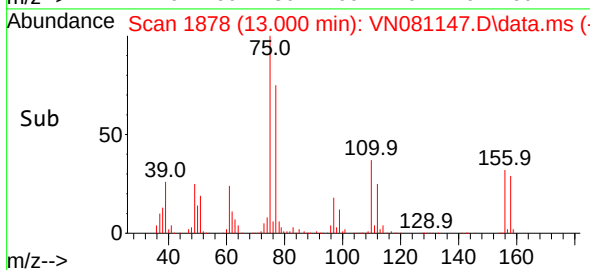
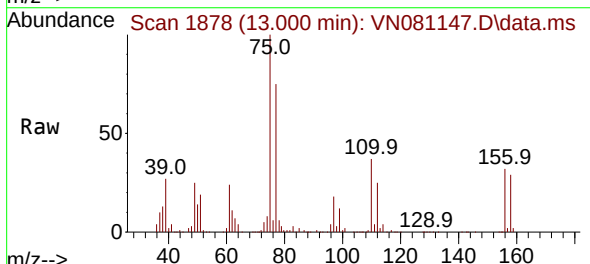
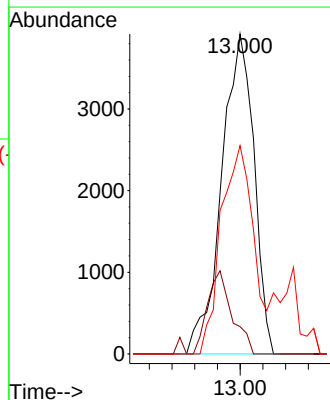
Manual Integrations
APPROVED

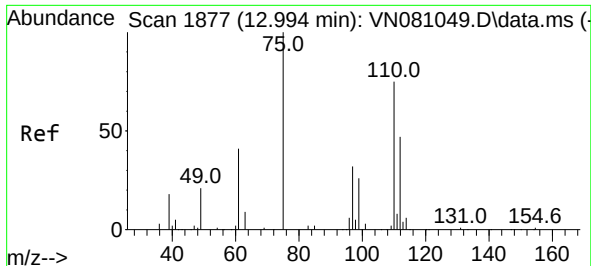
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#75
1,1,2,2-Tetrachloroethane
Concen: 1.374 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. 0.059 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

Tgt Ion: 83 Resp: 7742
Ion Ratio Lower Upper
83 100
131 19.7 4.1 12.3#
85 65.2 32.1 96.3





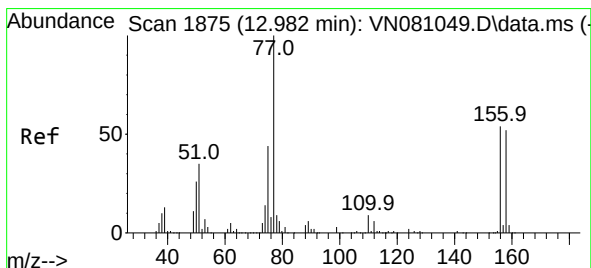
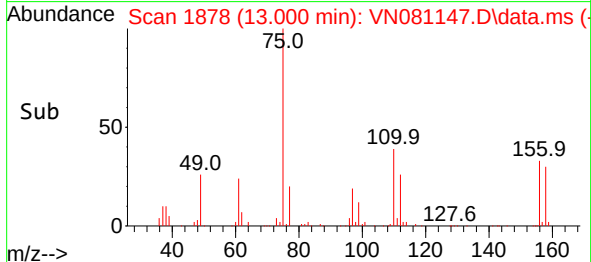
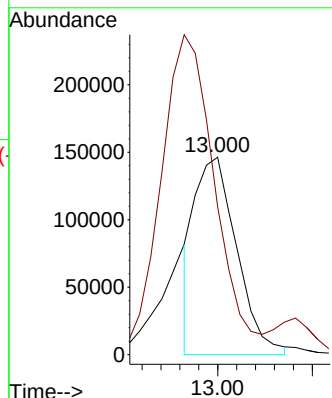
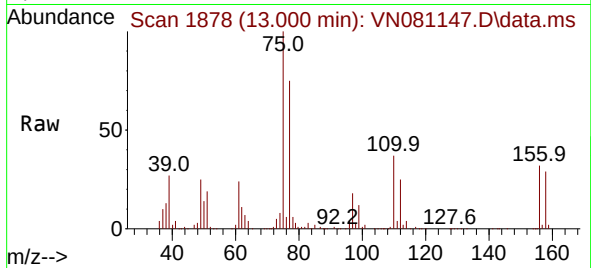
#76
1,2,3-Trichloropropane
Concen: 43.412 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

Instrument :
MSVOA_N
ClientSampleId :
P1539-06MS

Tgt Ion: 75 Resp: 225832
Ion Ratio Lower Upper
75 100
77 207.2 91.0 272.8

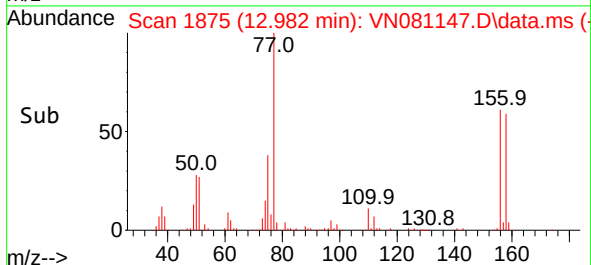
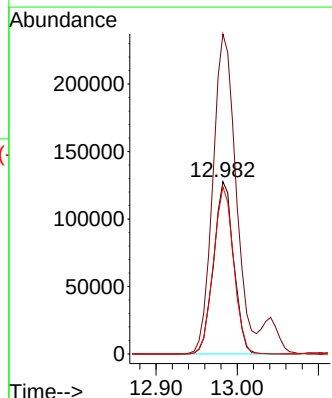
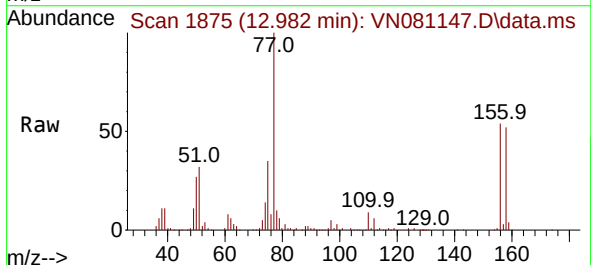
Manual Integrations
APPROVED

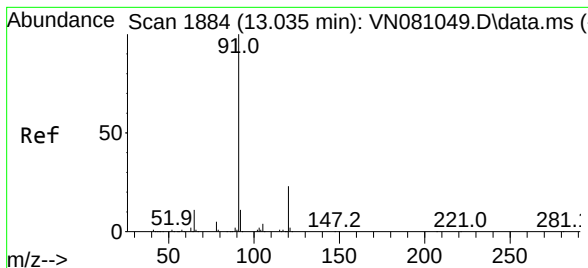
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#77
Bromobenzene
Concen: 49.138 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

Tgt Ion:156 Resp: 219481
Ion Ratio Lower Upper
156 100
77 213.2 138.1 414.3
158 97.6 46.5 139.5





#78

n-propylbenzene

Concen: 47.575 ug/l

RT: 13.041 min Scan# 1884

Delta R.T. 0.006 min

Lab File: VN081147.D

Acq: 22 Feb 2024 19:59

Instrument :

MSVOA_N

ClientSampleId :

P1539-06MS

Tgt Ion: 91 Resp: 109712

Ion Ratio Lower Upper

91 100

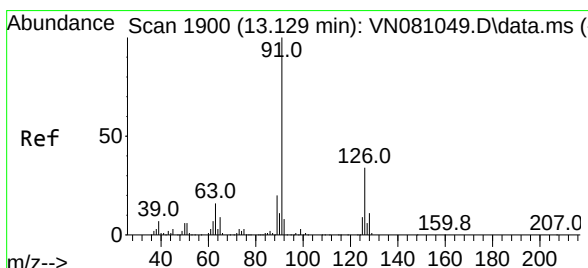
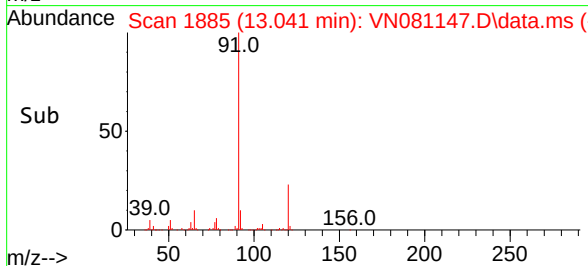
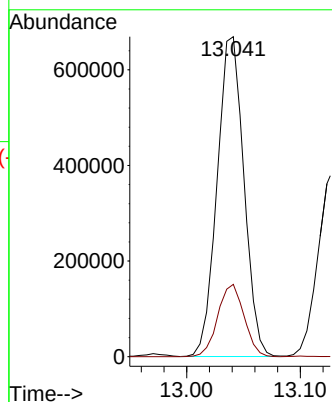
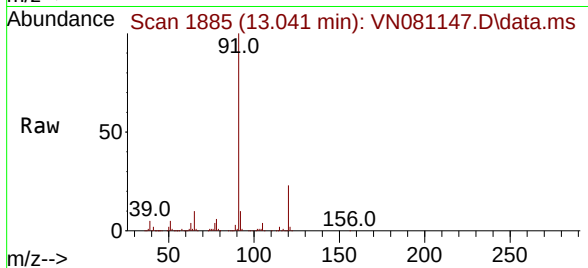
120 22.2 10.3 30.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#79

2-Chlorotoluene

Concen: 47.032 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VN081147.D

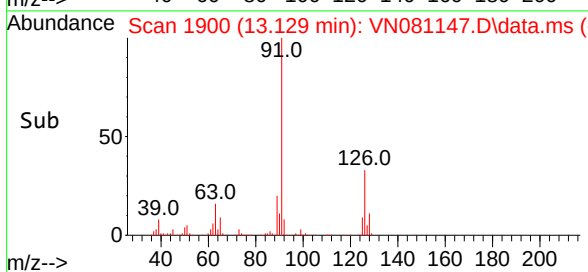
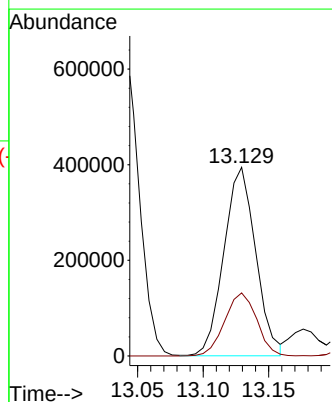
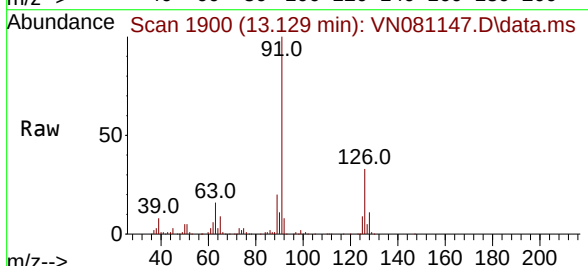
Acq: 22 Feb 2024 19:59

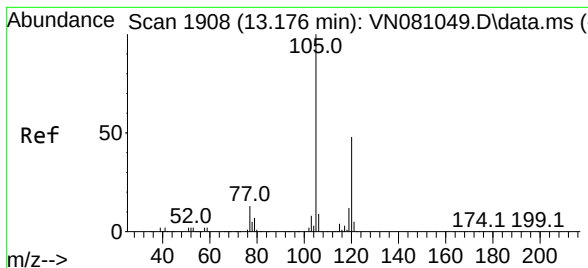
Tgt Ion: 91 Resp: 665264

Ion Ratio Lower Upper

91 100

126 33.7 14.8 44.4





#80

1,3,5-Trimethylbenzene

Concen: 49.607 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN081147.D

Acq: 22 Feb 2024 19:59

Instrument :

MSVOA_N

ClientSampleId :

P1539-06MS

Tgt Ion:105 Resp: 80571

Ion Ratio Lower Upper

105 100

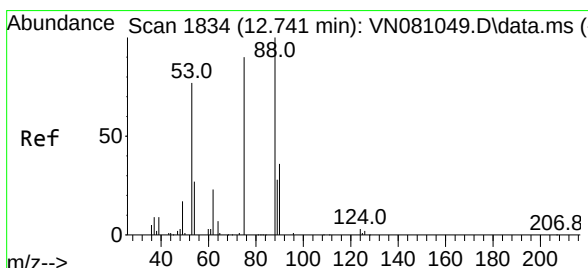
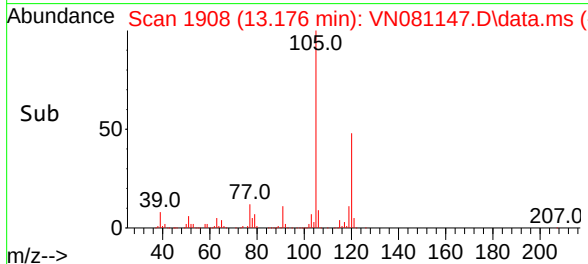
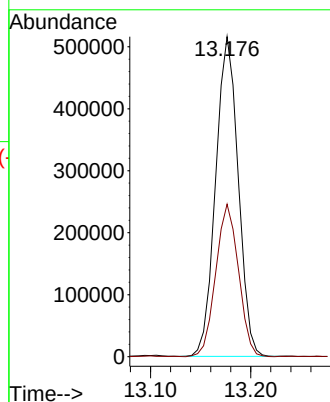
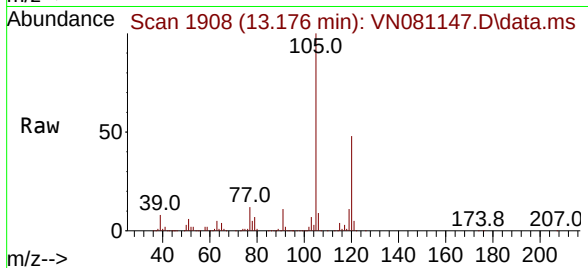
120 47.9 23.0 69.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#81

trans-1,4-Dichloro-2-butene

Concen: 5.457 ug/l

RT: 12.741 min Scan# 1834

Delta R.T. -0.000 min

Lab File: VN081147.D

Acq: 22 Feb 2024 19:59

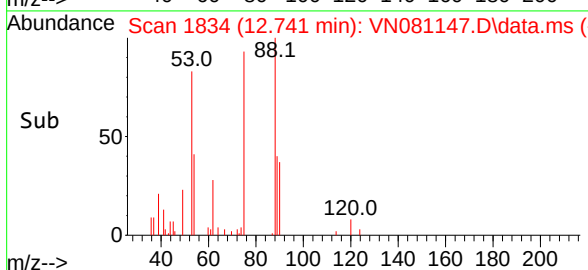
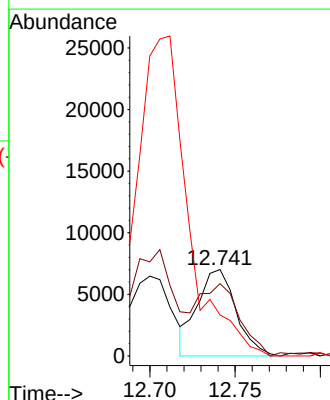
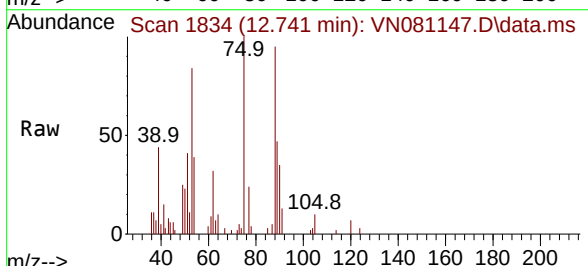
Tgt Ion: 75 Resp: 11028

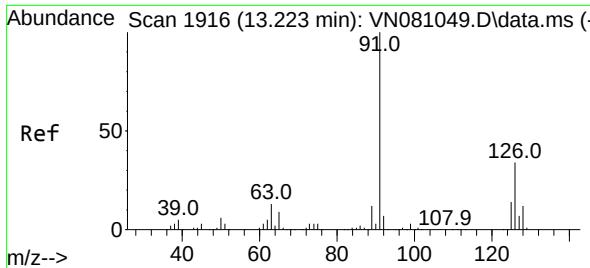
Ion Ratio Lower Upper

75 100

53 81.8 71.4 107.2

89 0.0 33.4 50.0#





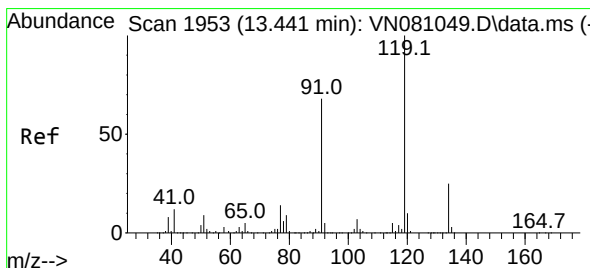
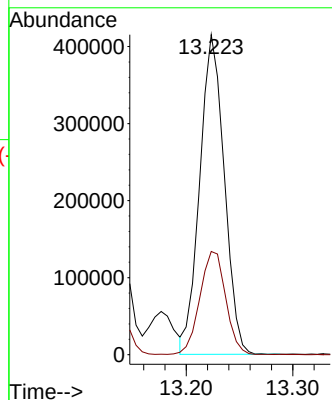
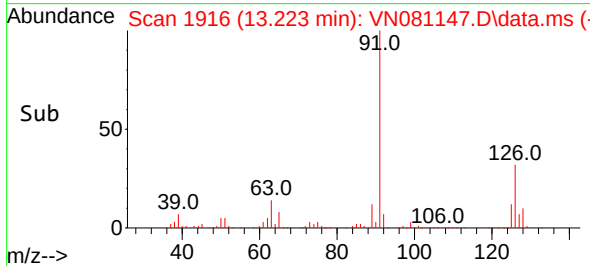
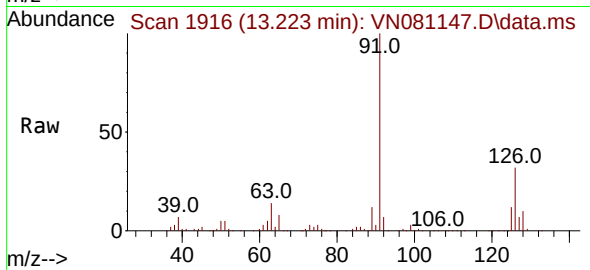
#82
4-Chlorotoluene
Concen: 47.988 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

Instrument :
MSVOA_N
ClientSampleId :
P1539-06MS

Tgt Ion: 91 Resp: 663709
Ion Ratio Lower Upper
91 100
126 33.9 15.3 45.9

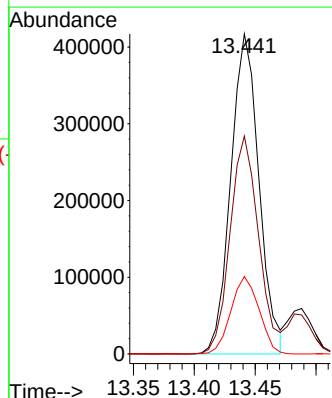
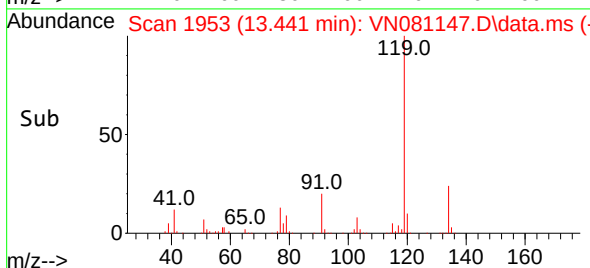
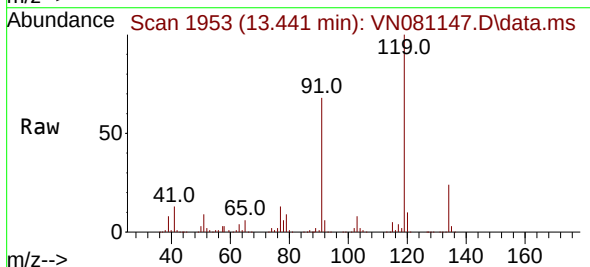
Manual Integrations
APPROVED

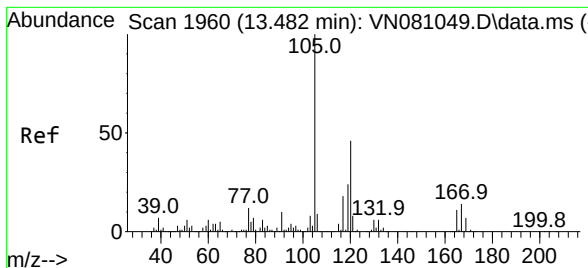
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#83
tert-Butylbenzene
Concen: 47.900 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

Tgt Ion:119 Resp: 672715
Ion Ratio Lower Upper
119 100
91 69.0 36.8 110.4
134 24.1 12.4 37.4





#84

1,2,4-Trimethylbenzene

Concen: 49.925 ug/l

RT: 13.488 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN081147.D

Acq: 22 Feb 2024 19:59

Instrument :

MSVOA_N

ClientSampleId :

P1539-06MS

Tgt Ion:105 Resp: 808038

Ion Ratio Lower Upper

105 100

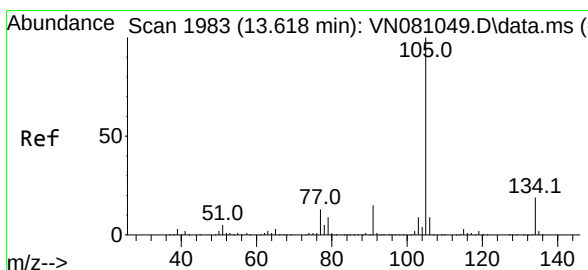
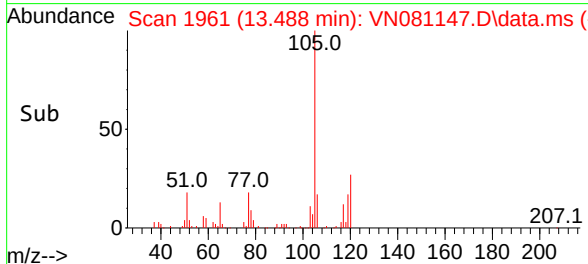
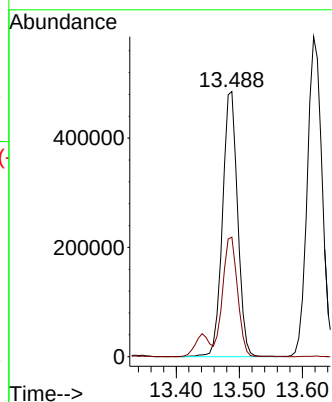
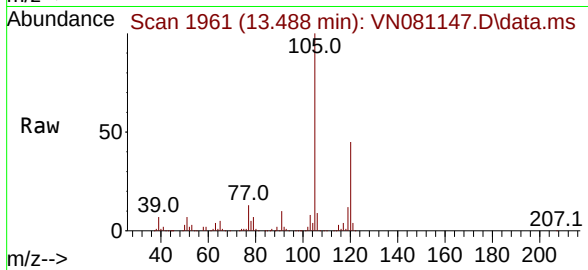
120 44.3 20.9 62.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#85

sec-Butylbenzene

Concen: 48.778 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN081147.D

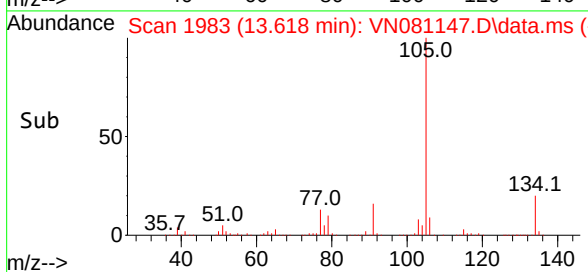
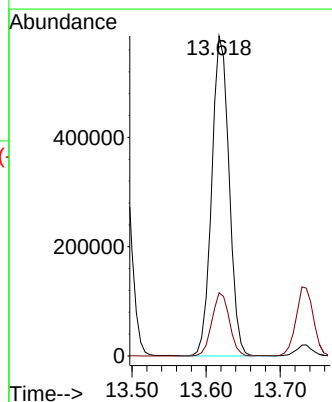
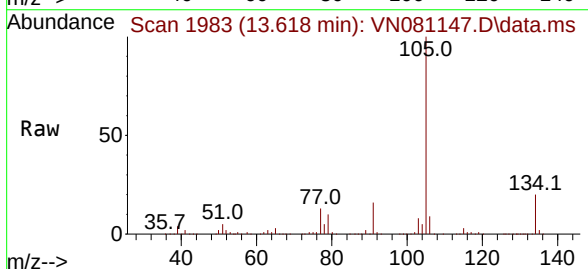
Acq: 22 Feb 2024 19:59

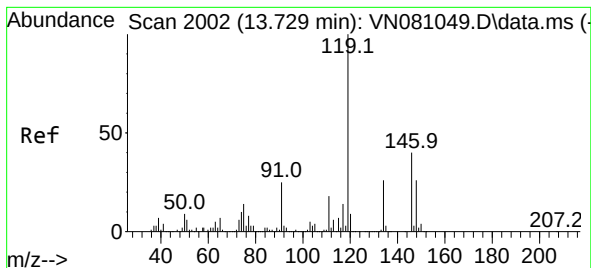
Tgt Ion:105 Resp: 952354

Ion Ratio Lower Upper

105 100

134 19.8 8.6 25.8





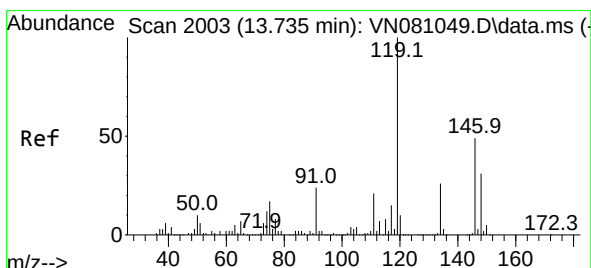
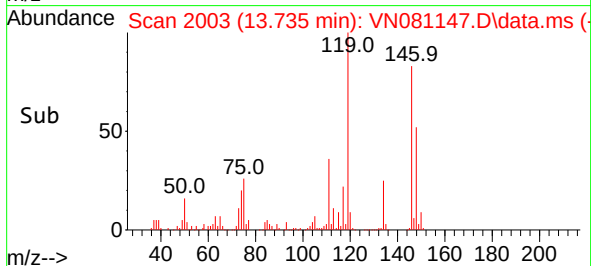
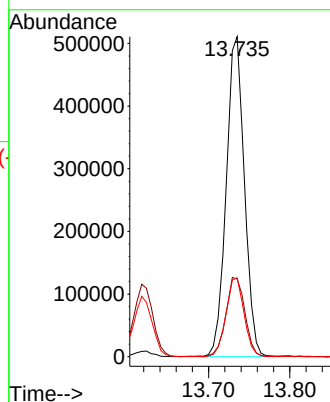
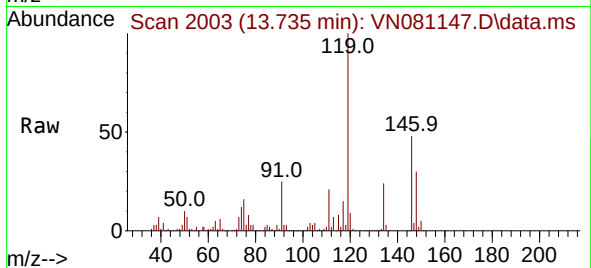
#86
p-Isopropyltoluene
Concen: 49.074 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

Instrument :
MSVOA_N
ClientSampleId :
P1539-06MS

Tgt Ion:119 Resp: 79584
Ion Ratio Lower Upper
119 100
134 25.7 12.4 37.2
91 24.5 13.5 40.4

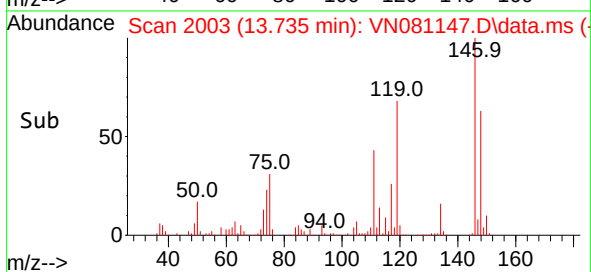
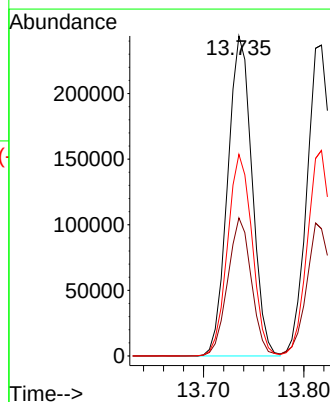
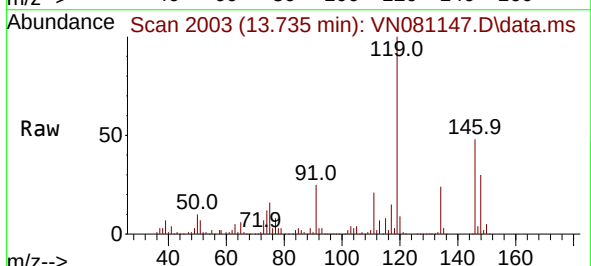
Manual Integrations
APPROVED

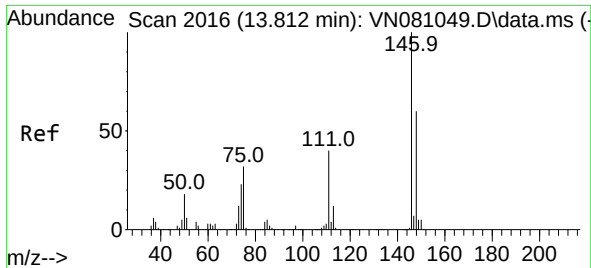
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#87
1,3-Dichlorobenzene
Concen: 48.794 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

Tgt Ion:146 Resp: 411800
Ion Ratio Lower Upper
146 100
111 42.0 23.9 71.7
148 63.5 32.6 97.7





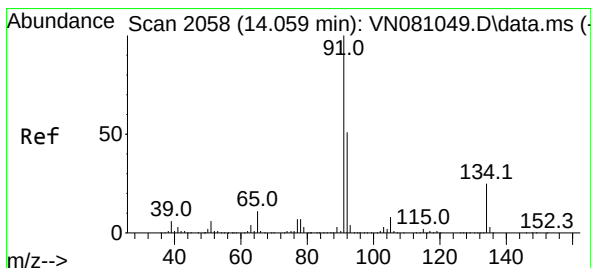
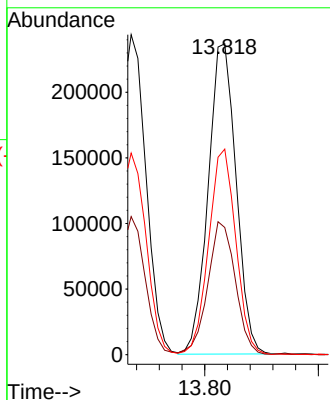
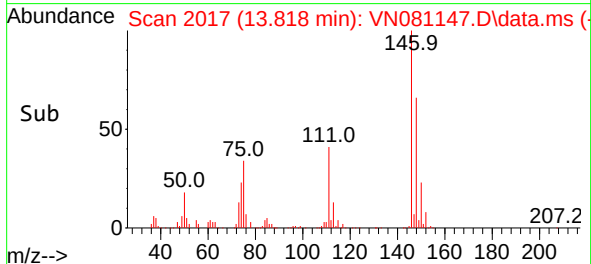
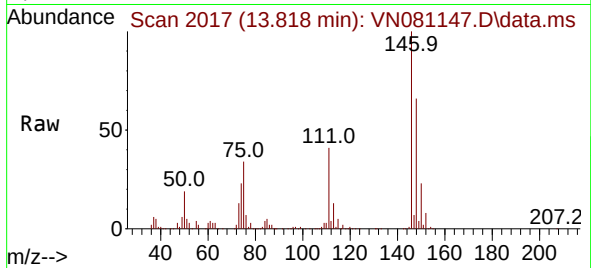
#88
1,4-Dichlorobenzene
Concen: 48.761 ug/l
RT: 13.818 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

Instrument :
MSVOA_N
ClientSampleId :
P1539-06MS

Tgt Ion:146 Resp: 40436
Ion Ratio Lower Upper
146 100
111 41.9 22.6 67.7
148 64.2 31.9 95.5

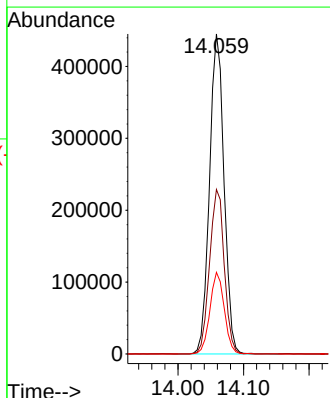
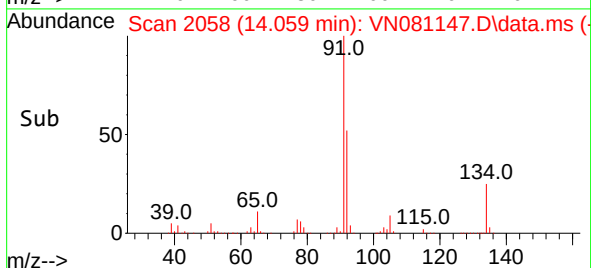
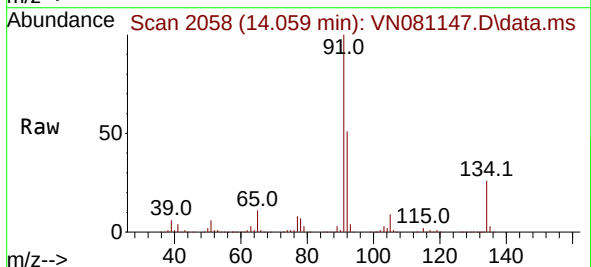
Manual Integrations
APPROVED

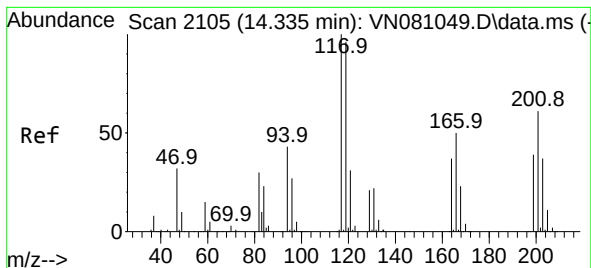
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#89
n-Butylbenzene
Concen: 48.465 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

Tgt Ion: 91 Resp: 684736
Ion Ratio Lower Upper
91 100
92 52.2 26.7 80.1
134 25.3 10.8 32.4





#90

Hexachloroethane

Concen: 39.895 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN081147.D

Acq: 22 Feb 2024 19:59

Instrument :

MSVOA_N

ClientSampleId :

P1539-06MS

Tgt Ion:117 Resp: 10694

Ion Ratio Lower Upper

117 100

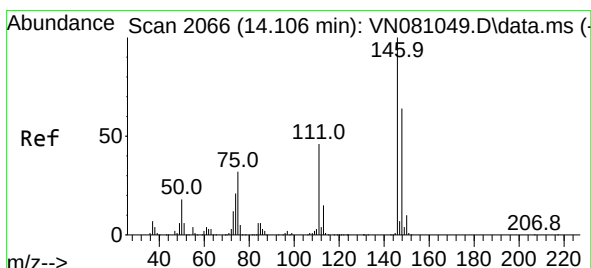
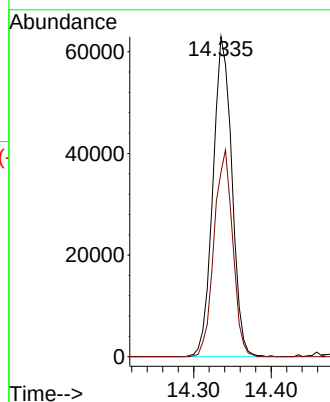
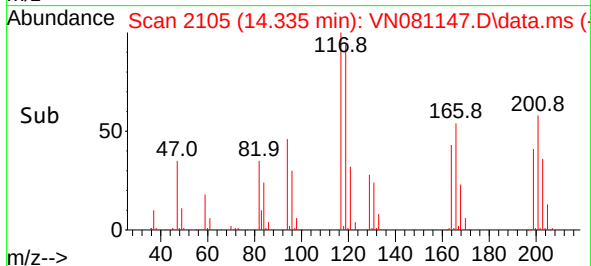
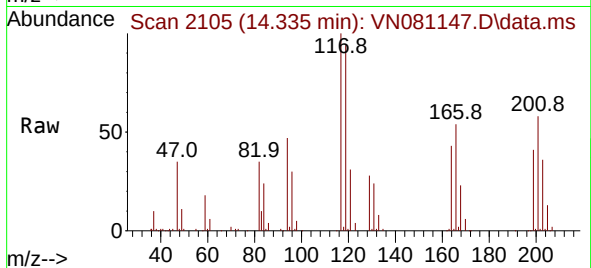
201 63.4 30.0 90.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#91

1,2-Dichlorobenzene

Concen: 49.798 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.006 min

Lab File: VN081147.D

Acq: 22 Feb 2024 19:59

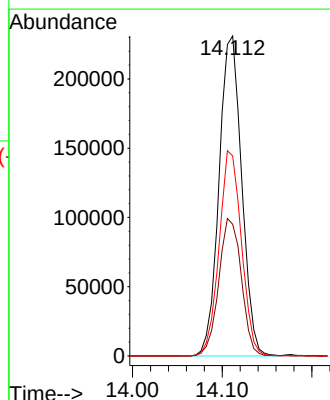
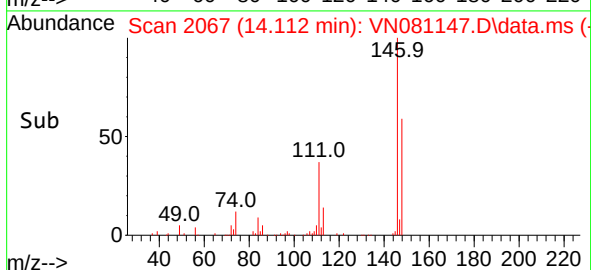
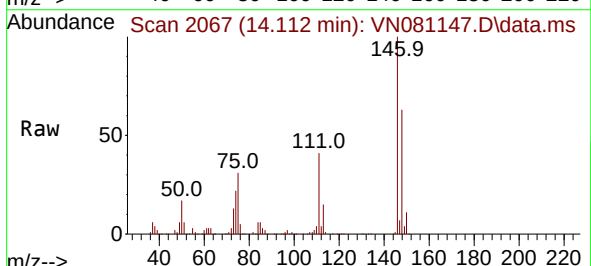
Tgt Ion:146 Resp: 405340

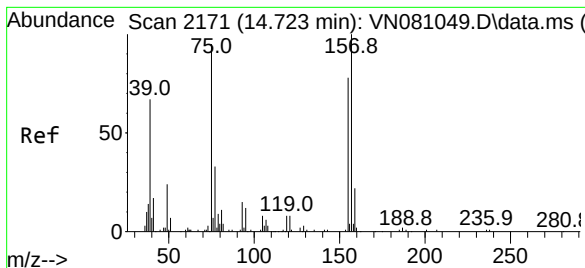
Ion Ratio Lower Upper

146 100

111 42.8 23.9 71.8

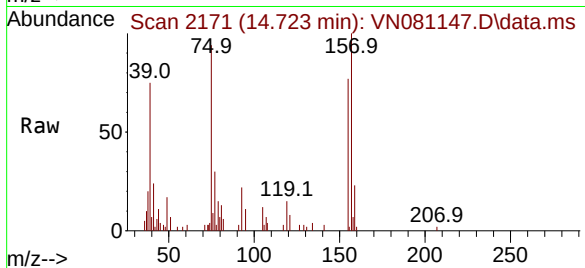
148 63.2 31.4 94.0





#92
1,2-Dibromo-3-Chloropropane
Concen: 12.607 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59

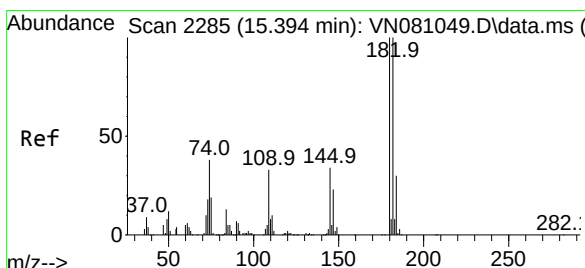
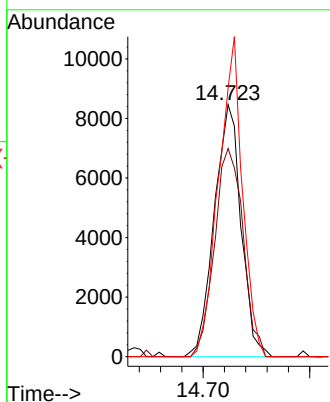
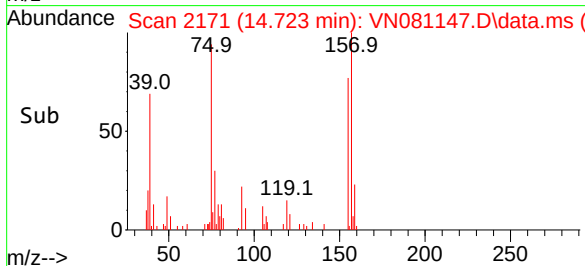
Instrument :
MSVOA_N
ClientSampleId :
P1539-06MS



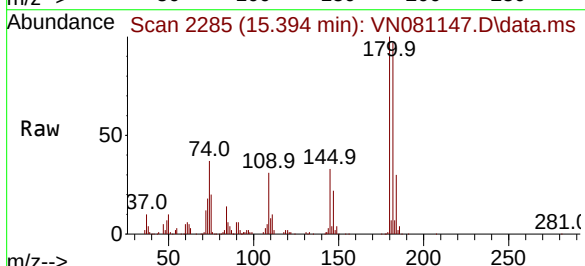
Tgt Ion: 75 Resp: 14764
Ion Ratio Lower Upper
75 100
155 87.7 31.8 95.4
157 113.1 41.1 123.4

Manual Integrations
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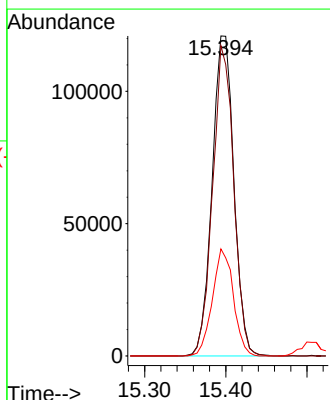
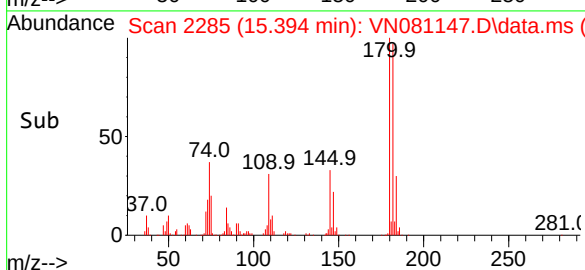
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

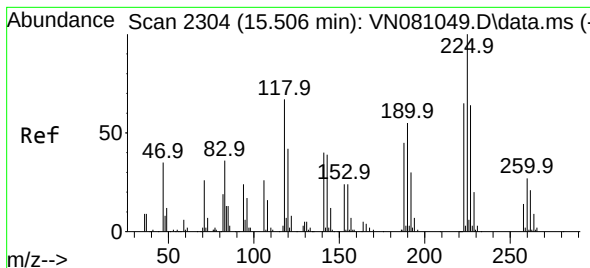


#93
1,2,4-Trichlorobenzene
Concen: 49.629 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VN081147.D
Acq: 22 Feb 2024 19:59



Tgt Ion:180 Resp: 225372
Ion Ratio Lower Upper
180 100
182 93.8 46.6 139.7
145 32.2 16.8 50.3





#94

Hexachlorobutadiene

Concen: 45.356 ug/l

RT: 15.506 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081147.D

Acq: 22 Feb 2024 19:59

Instrument :

MSVOA_N

ClientSampleId :

P1539-06MS

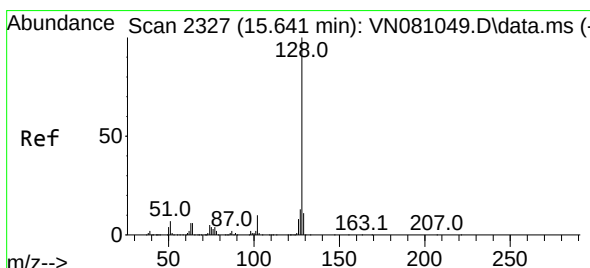
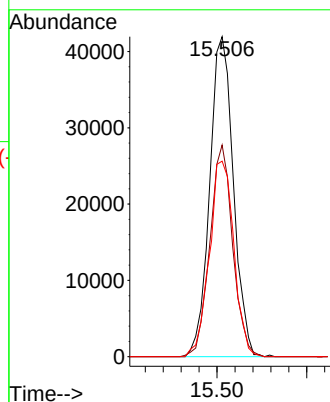
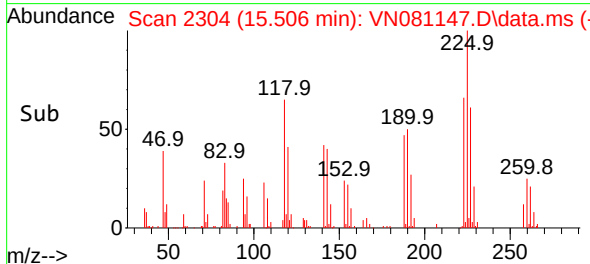
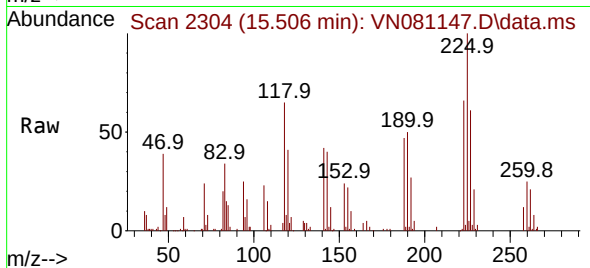
Tgt Ion:	225	Resp:	7681
Ion Ratio	Lower	Upper	
225	100		
223	63.7	33.3	99.8
227	63.3	33.1	99.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#95

Naphthalene

Concen: 55.147 ug/l

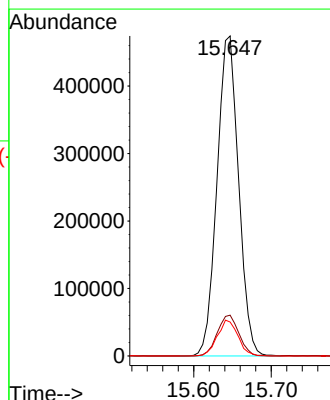
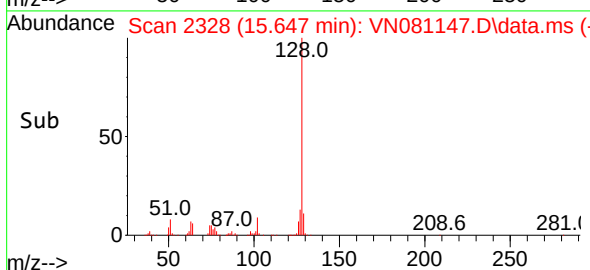
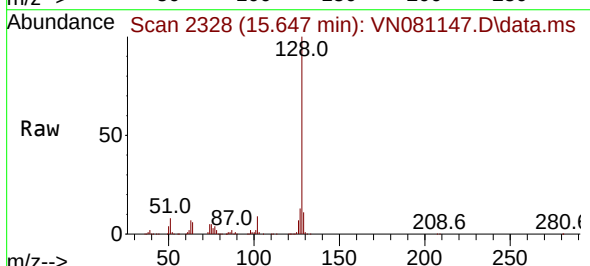
RT: 15.647 min Scan# 2328

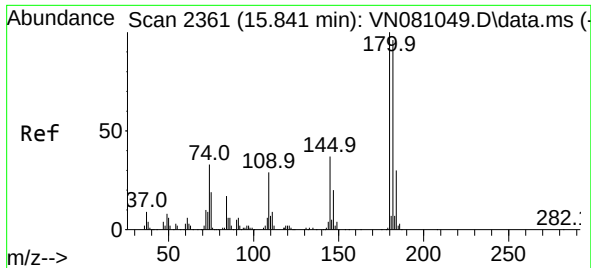
Delta R.T. 0.006 min

Lab File: VN081147.D

Acq: 22 Feb 2024 19:59

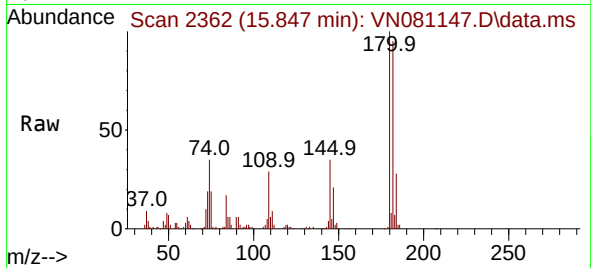
Tgt Ion:	128	Resp:	917707
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.0	15.0
129	10.7	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 50.982 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN081147.D
 Acq: 22 Feb 2024 19:59

Instrument :
 MSVOA_N
 ClientSampleId :
 P1539-06MS



Tgt Ion:180 Resp: 229668
 Ion Ratio Lower Upper
 180 100
 182 96.8 46.5 139.3
 145 36.2 17.8 53.4

Manual Integrations
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