

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110123\
 Data File : VN079763.D
 Acq On : 01 Nov 2023 10:50
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Nov 02 05:29:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:25:18 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/02/2023
 Supervised By : Mahesh Dadoda 11/02/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	323337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	567961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	510971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	229243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	99193	20.136	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	40.280%#		
35) Dibromofluoromethane	8.171	113	81828	20.356	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.720%#		
50) Toluene-d8	10.570	98	301811	20.395	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	40.780%#		
62) 4-Bromofluorobenzene	12.853	95	101450	20.671	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	41.340%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	80124	20.573	ug/l	96
3) Chloromethane	2.359	50	102883	20.380	ug/l	99
4) Vinyl Chloride	2.512	62	101098	19.831	ug/l	99
5) Bromomethane	2.953	94	63422	20.475	ug/l	94
6) Chloroethane	3.118	64	68777	17.010	ug/l	99
7) Trichlorofluoromethane	3.494	101	125366	19.771	ug/l	94
8) Diethyl Ether	3.965	74	47827	19.876	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.371	101	69170	18.818	ug/l	100
10) Methyl Iodide	4.594	142	86381	20.578	ug/l	91
11) Tert butyl alcohol	5.518	59	64131	101.983	ug/l	99
12) 1,1-Dichloroethene	4.347	96	68425	19.660	ug/l	87
13) Acrolein	4.183	56	51968	94.587	ug/l	100
14) Allyl chloride	5.024	41	113291	21.253	ug/l #	93
15) Acrylonitrile	5.724	53	192582	98.271	ug/l	99
16) Acetone	4.430	43	158587	91.650	ug/l	96
17) Carbon Disulfide	4.712	76	192543	19.179	ug/l	98
18) Methyl Acetate	5.024	43	158221	19.112	ug/l #	87
19) Methyl tert-butyl Ether	5.800	73	237428	19.815	ug/l	93
20) Methylene Chloride	5.271	84	82000	18.781	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	75301	19.399	ug/l	86
22) Diisopropyl ether	6.677	45	253308	20.505	ug/l #	90
23) Vinyl Acetate	6.606	43	700565	102.812	ug/l #	88
24) 1,1-Dichloroethane	6.571	63	147604	19.659	ug/l	97
25) 2-Butanone	7.488	43	250844	98.997	ug/l #	85
26) 2,2-Dichloropropane	7.488	77	122717	19.762	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	90957	19.590	ug/l	88
28) Bromochloromethane	7.812	49	74285	20.301	ug/l #	80
29) Tetrahydrofuran	7.841	42	166904	101.242	ug/l #	77
30) Chloroform	7.971	83	152153	18.656	ug/l	100
31) Cyclohexane	8.259	56	121220	18.622	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	129793	19.531	ug/l	97
36) 1,1-Dichloropropene	8.377	75	111658	19.454	ug/l	95
37) Ethyl Acetate	7.565	43	107056	20.338	ug/l #	90
38) Carbon Tetrachloride	8.359	117	111112	19.209	ug/l	98
39) Methylcyclohexane	9.606	83	103977	19.250	ug/l	92
40) Benzene	8.612	78	332051	19.315	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	59111	21.147	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	115482	19.231	ug/l	100
43) Isopropyl Acetate	8.688	43	177446	19.222	ug/l #	92
44) Trichloroethene	9.353	130	81033	18.996	ug/l	99
45) 1,2-Dichloropropane	9.624	63	85214	19.397	ug/l	97
46) Dibromomethane	9.712	93	57985	19.330	ug/l	92
47) Bromodichloromethane	9.888	83	117729	18.402	ug/l #	99
48) Methyl methacrylate	9.682	41	80086	19.807	ug/l #	84
49) 1,4-Dioxane	9.694	88	31156	436.073	ug/l #	91
51) 4-Methyl-2-Pentanone	10.447	43	527912	101.578	ug/l	90
52) Toluene	10.635	92	199325	19.558	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	125664	20.037	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	137918	20.175	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	81949	19.991	ug/l	98
56) Ethyl methacrylate	10.876	69	118887	20.333	ug/l #	85
57) 1,3-Dichloropropane	11.165	76	141873	19.635	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	301070	101.592	ug/l	91
59) 2-Hexanone	11.200	43	403100	101.388	ug/l	89
60) Dibromochloromethane	11.365	129	86209	19.647	ug/l	100
61) 1,2-Dibromoethane	11.470	107	81411	19.787	ug/l	97
64) Tetrachloroethene	11.106	164	65154	19.688	ug/l	98
65) Chlorobenzene	11.894	112	214336	19.338	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	77967	19.524	ug/l	97
67) Ethyl Benzene	11.965	91	381133	19.737	ug/l	97
68) m/p-Xylenes	12.070	106	284505	39.549	ug/l	97
69) o-Xylene	12.400	106	137390	19.834	ug/l	93
70) Styrene	12.412	104	232245	20.862	ug/l	99
71) Bromoform	12.582	173	56936	20.078	ug/l #	99
73) Isopropylbenzene	12.700	105	349924	20.113	ug/l	99
74) N-amyl acetate	12.494	43	154070	20.288	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	117593	19.063	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	105233m	19.578	ug/l	
77) Bromobenzene	12.982	156	83308	19.558	ug/l	95
78) n-propylbenzene	13.041	91	403421	20.248	ug/l	98
79) 2-Chlorotoluene	13.129	91	248180	19.499	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	271827	20.081	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	36052	18.226	ug/l #	78
82) 4-Chlorotoluene	13.223	91	247402	19.561	ug/l	99
83) tert-Butylbenzene	13.441	119	227622	20.543	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	272272	20.444	ug/l	99
85) sec-Butylbenzene	13.617	105	308975	20.127	ug/l	99
86) p-Isopropyltoluene	13.729	119	256144	20.466	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	152211	19.209	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	153194	19.047	ug/l	99
89) n-Butylbenzene	14.059	91	209903	19.472	ug/l	100
90) Hexachloroethane	14.335	117	47039	18.977	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	146471	19.581	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	22199	21.221	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	70525	19.828	ug/l	98
94) Hexachlorobutadiene	15.505	225	30029	18.624	ug/l	98
95) Naphthalene	15.641	128	237945	19.727	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	69515	19.939	ug/l	98

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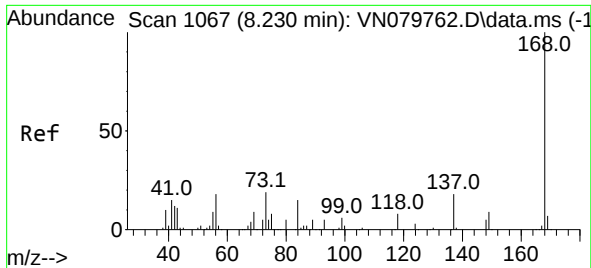
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:25:18 2023
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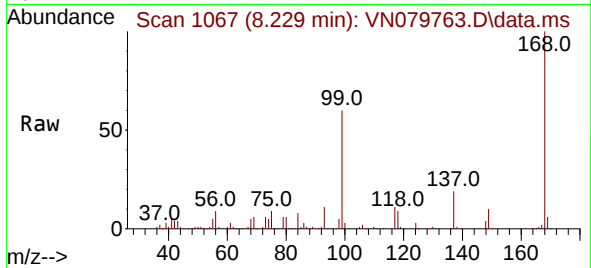
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VN079763.D
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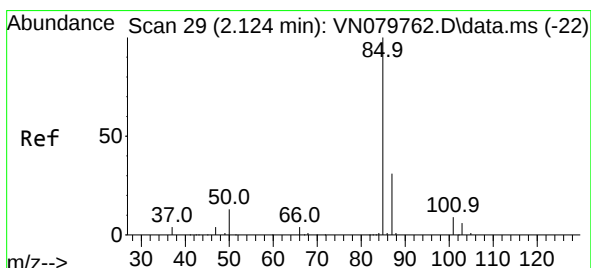
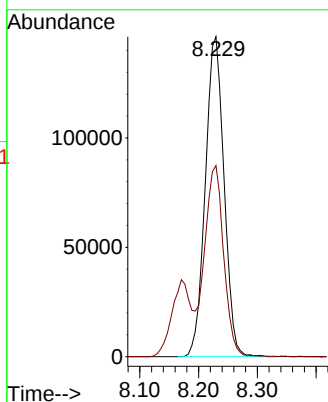
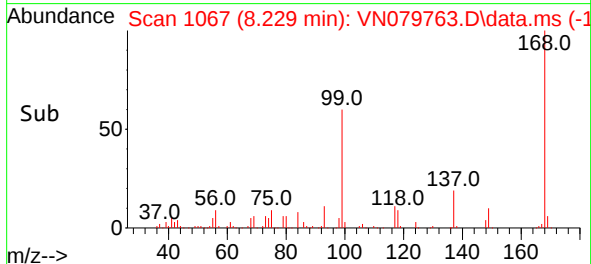
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 32333
Ion Ratio Lower Upper
168 100
99 59.6 53.0 79.6

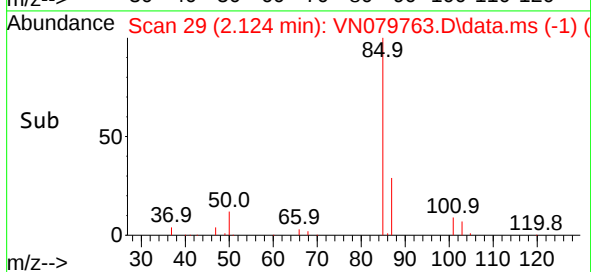
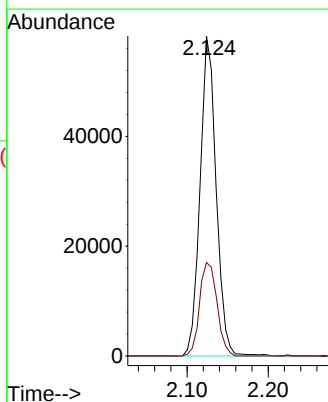
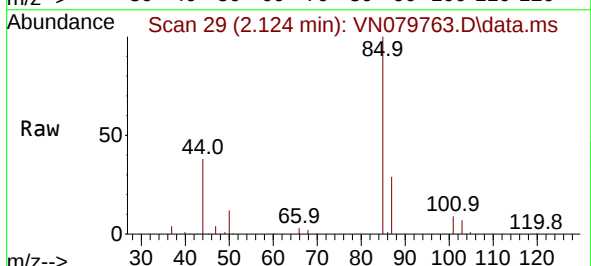
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#2
Dichlorodifluoromethane
Concen: 20.573 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

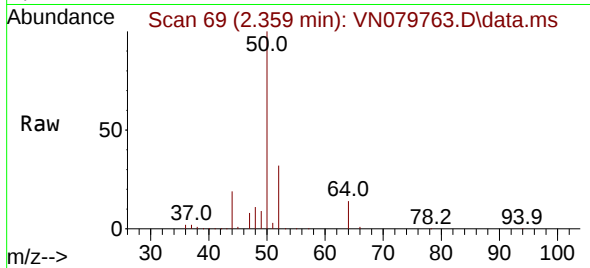
Tgt Ion: 85 Resp: 80124
Ion Ratio Lower Upper
85 100
87 29.2 15.8 47.4





#3
Chloromethane
Concen: 20.380 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

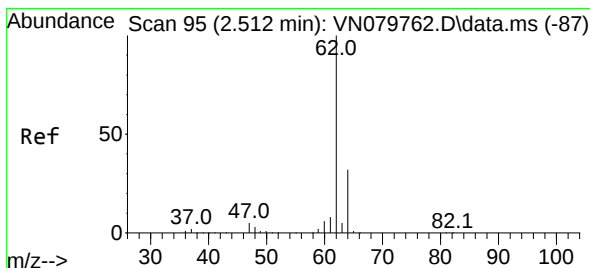
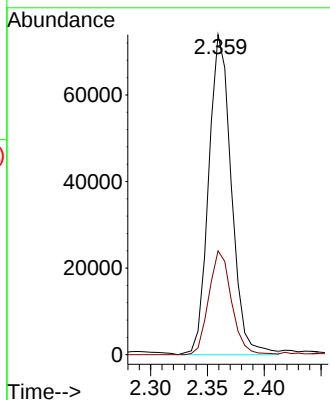
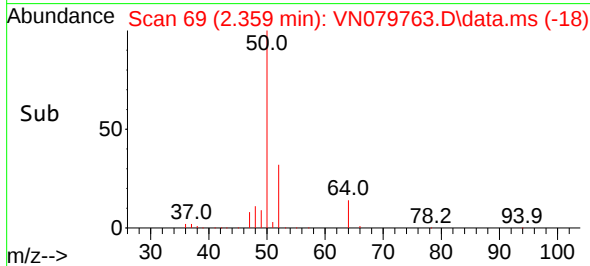
Instrument :
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Tgt Ion: 50 Resp: 10288
Ion Ratio Lower Upper
50 100
52 32.5 26.5 39.7

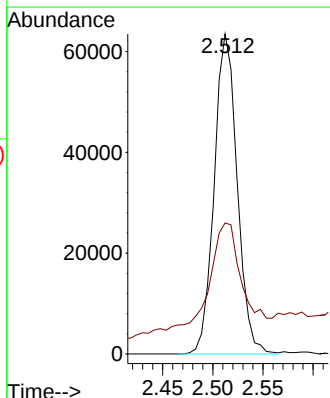
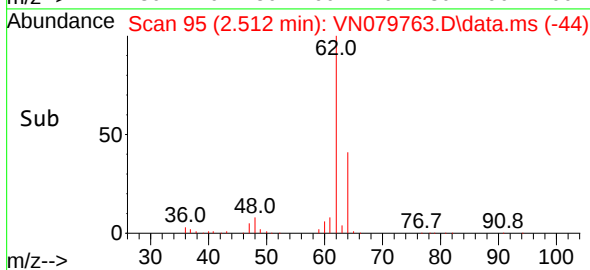
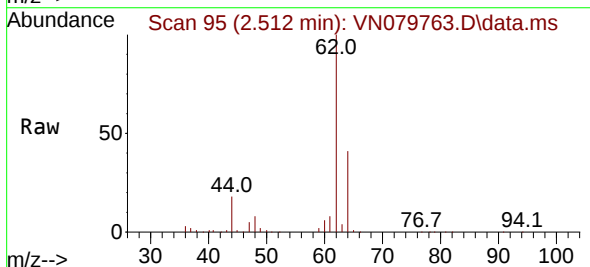
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#4
Vinyl Chloride
Concen: 19.831 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

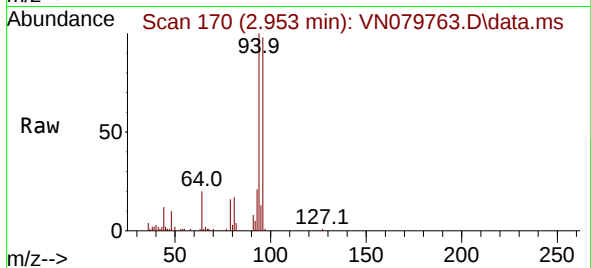
Tgt Ion: 62 Resp: 101098
Ion Ratio Lower Upper
62 100
64 31.9 26.2 39.2





#5
Bromomethane
Concen: 20.475 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

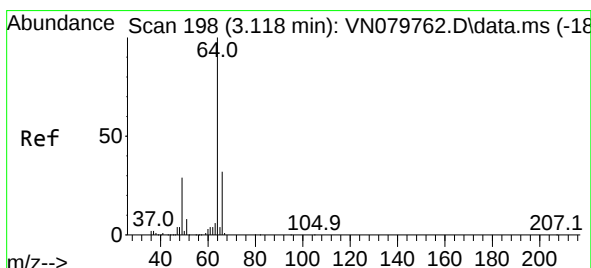
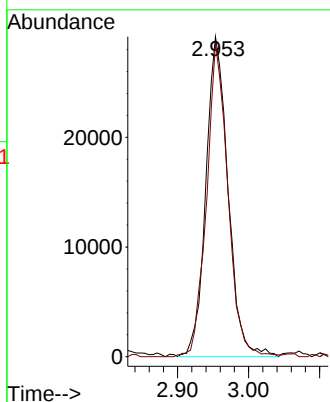
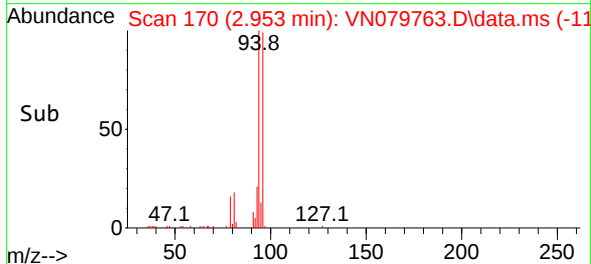
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 94 Resp: 6342
Ion Ratio Lower Upper
94 100
96 97.4 73.1 109.7

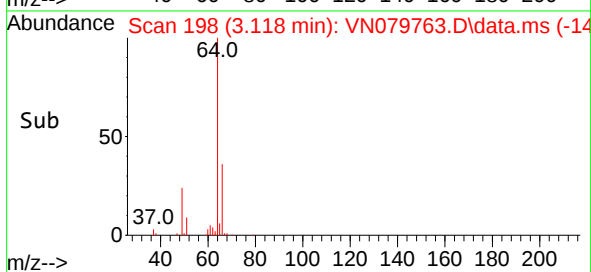
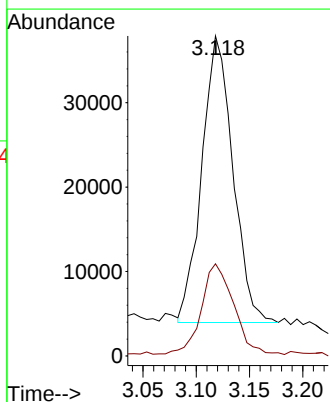
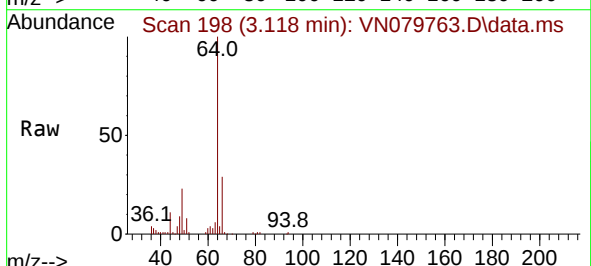
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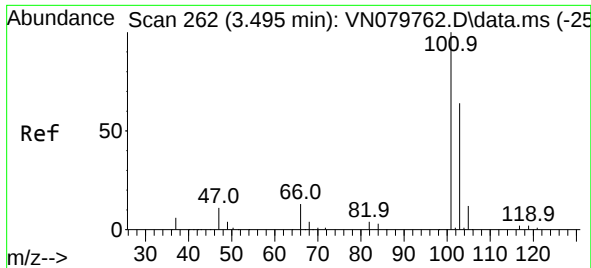
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#6
Chloroethane
Concen: 17.010 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

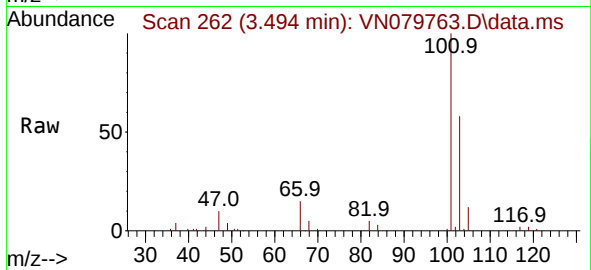
Tgt Ion: 64 Resp: 68777
Ion Ratio Lower Upper
64 100
66 31.1 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 19.771 ug/l
 RT: 3.494 min Scan# 262
 Delta R.T. 0.000 min
 Lab File: VN079763.D
 Acq: 01 Nov 2023 10:50

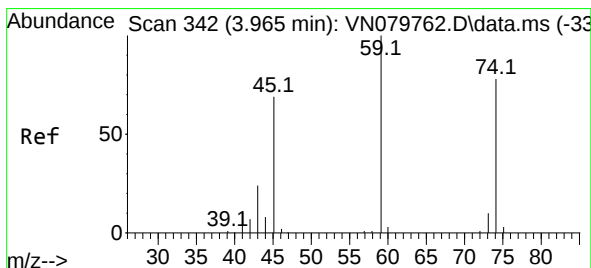
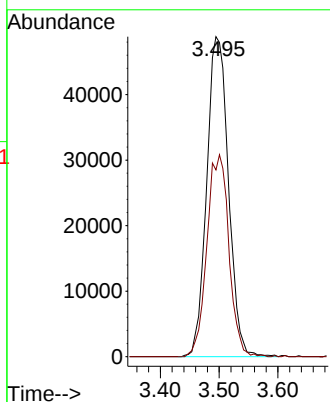
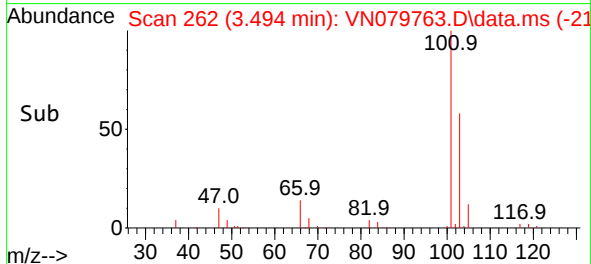
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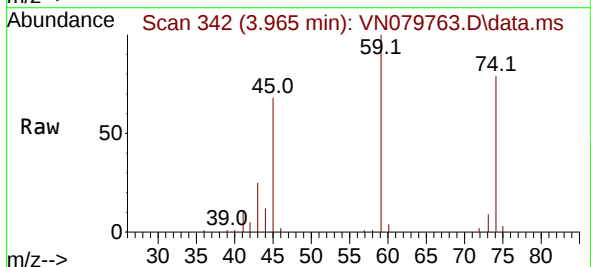
Tgt Ion:101 Resp: 125360
 Ion Ratio Lower Upper
 101 100
 103 58.4 50.7 76.1

Manual Integrations
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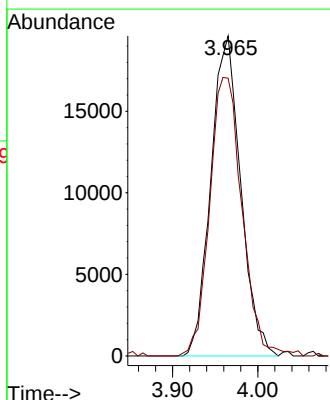
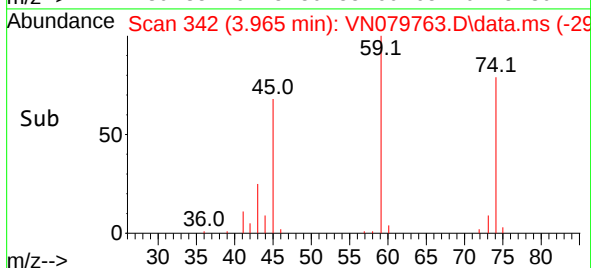
Reviewed By :John Carlone 11/02/2023
 Supervised By :Mahesh Dadoda 11/02/2023

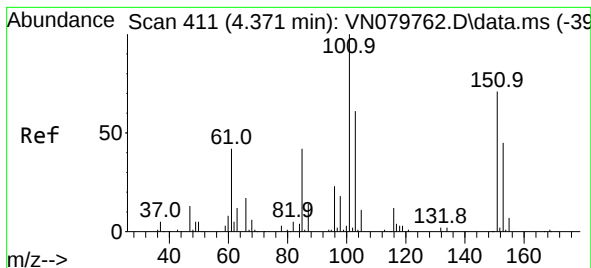


#8
 Diethyl Ether
 Concen: 19.876 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN079763.D
 Acq: 01 Nov 2023 10:50



Tgt Ion: 74 Resp: 47827
 Ion Ratio Lower Upper
 74 100
 45 94.1 34.4 103.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.818 ug/l

RT: 4.371 min Scan# 411

Delta R.T. 0.000 min

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ClientSampleId :

VSTDICC020

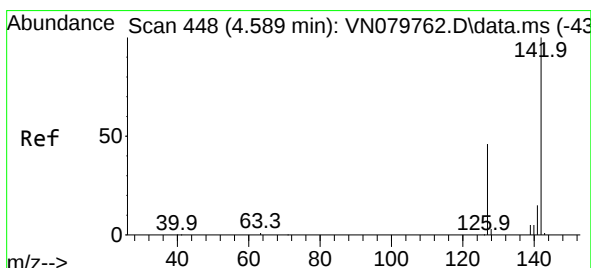
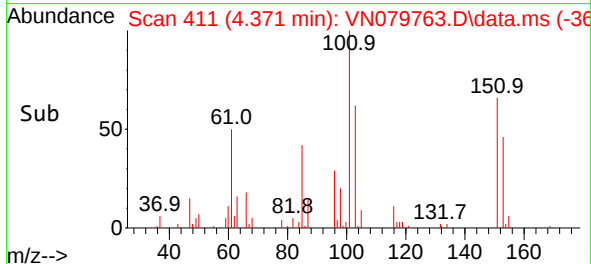
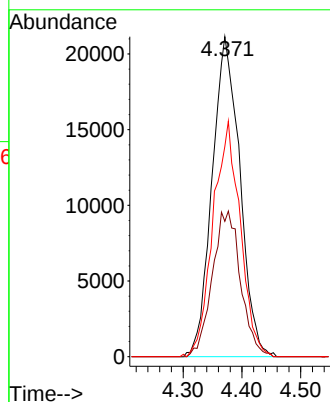
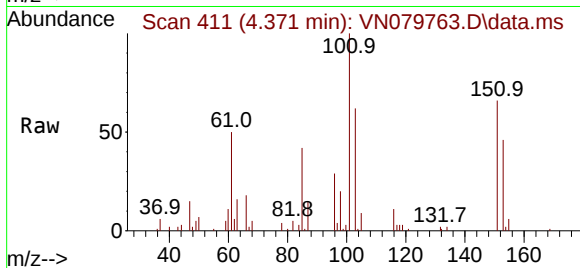
Tgt Ion:	101	Resp:	69170
Ion	Ratio	Lower	Upper
101	100		
85	46.3	36.6	55.0
151	72.2	57.6	86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#10

Methyl Iodide

Concen: 20.578 ug/l

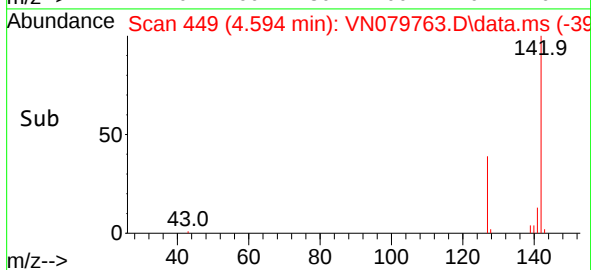
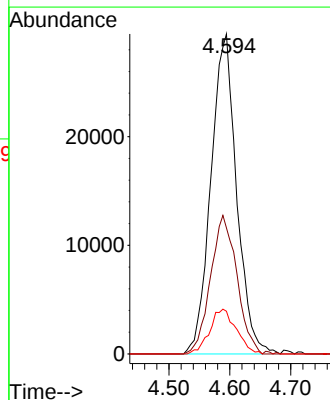
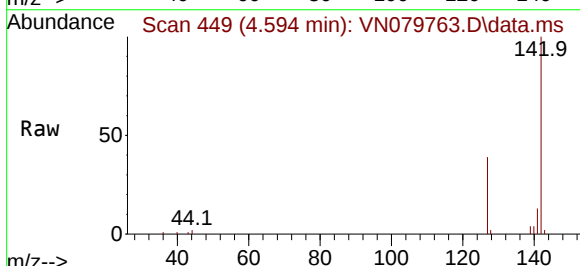
RT: 4.594 min Scan# 449

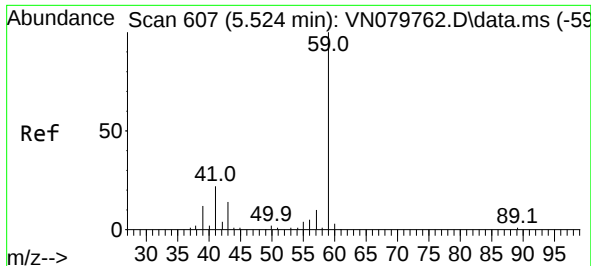
Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

Tgt Ion:	142	Resp:	86381
Ion	Ratio	Lower	Upper
142	100		
127	39.4	37.6	56.4
141	13.4	11.4	17.0





#11

Tert butyl alcohol

Concen: 101.983 ug/l

RT: 5.518 min Scan# 607

Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 59 Resp: 6413

Ion Ratio Lower Upper

59 100

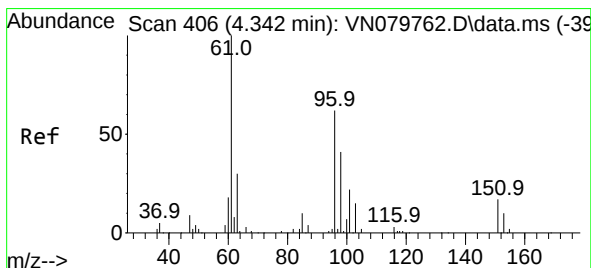
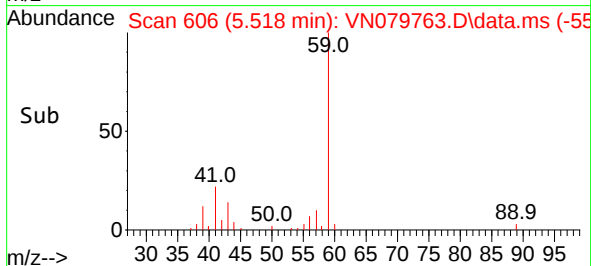
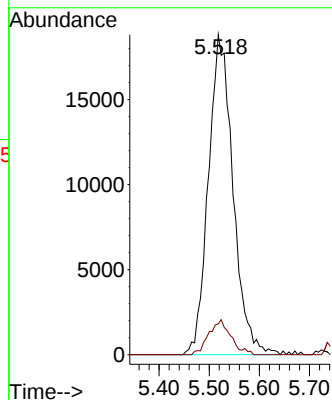
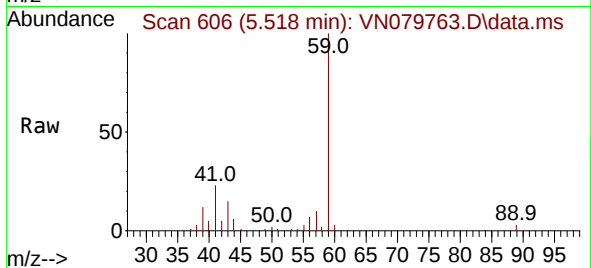
57 9.8 8.2 12.4

Manual Integrations

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Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#12

1,1-Dichloroethene

Concen: 19.660 ug/l

RT: 4.347 min Scan# 407

Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

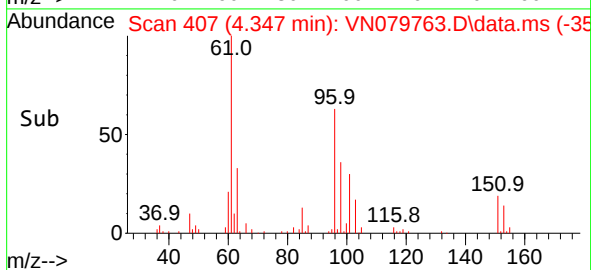
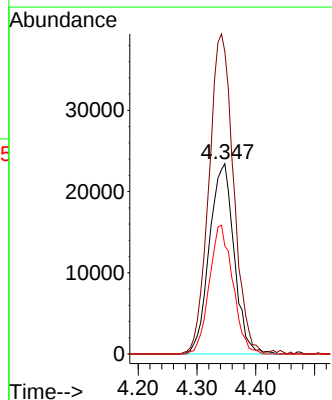
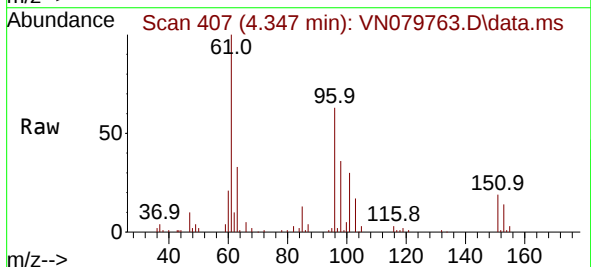
Tgt Ion: 96 Resp: 68425

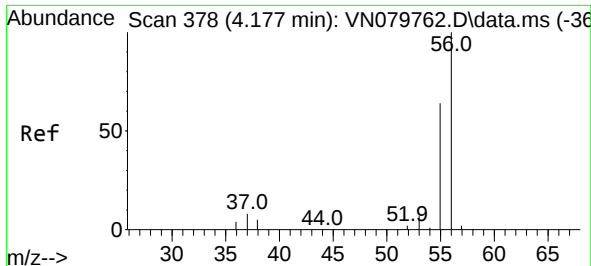
Ion Ratio Lower Upper

96 100

61 158.9 112.7 169.1

98 56.8 51.2 76.8





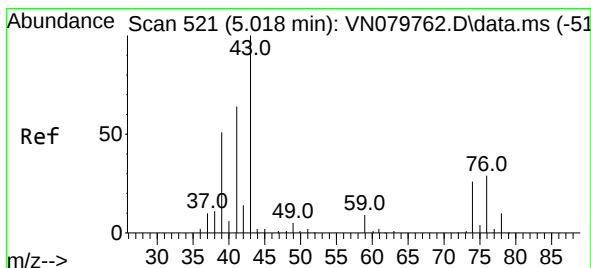
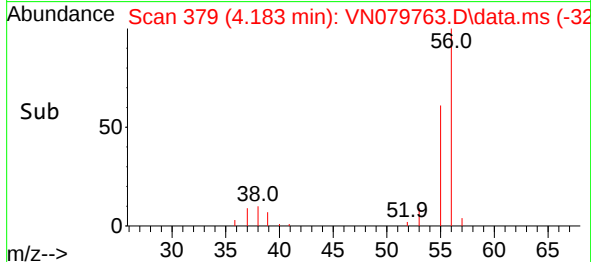
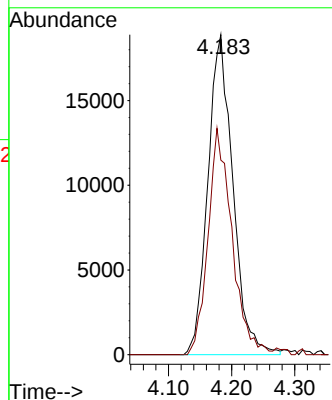
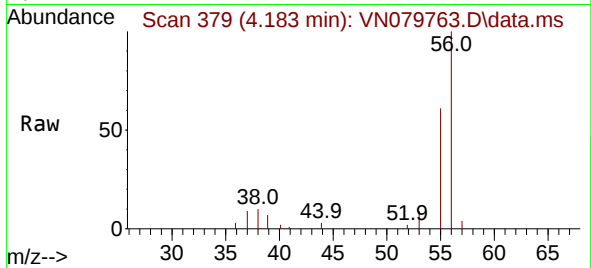
#13
Acrolein
Concen: 94.587 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 51968
Ion Ratio Lower Upper
56 100
55 67.8 54.5 81.7

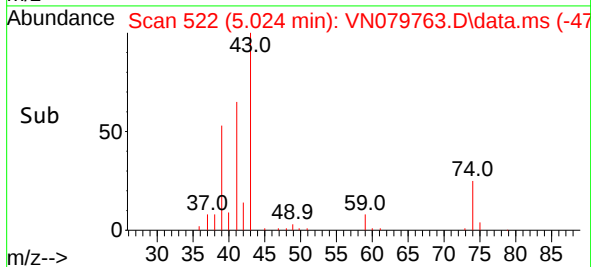
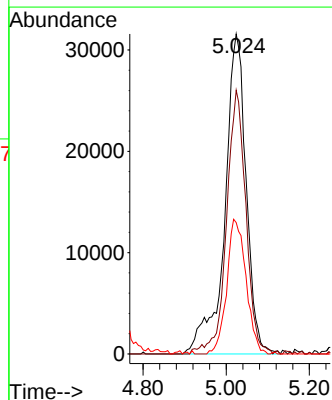
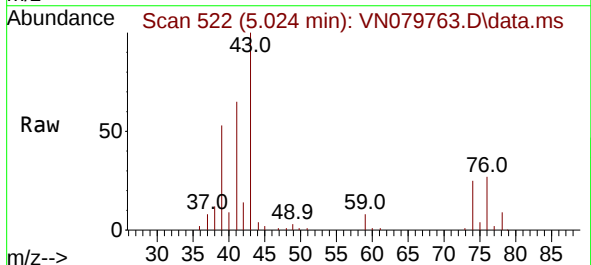
Manual Integrations
APPROVED

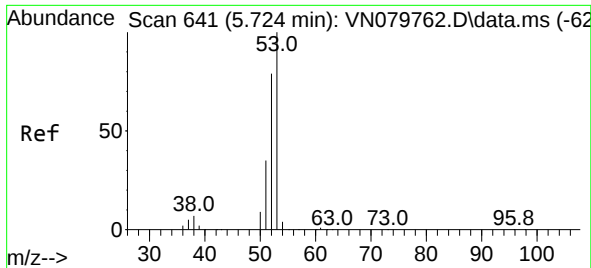
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#14
Allyl chloride
Concen: 21.253 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

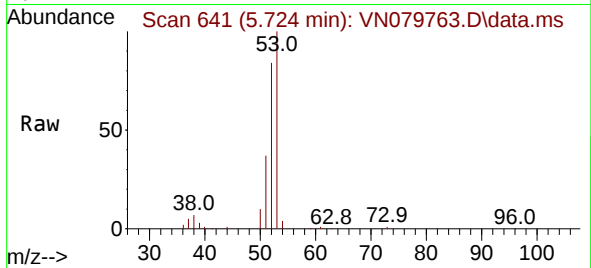
Tgt Ion: 41 Resp: 113291
Ion Ratio Lower Upper
41 100
39 74.1 58.8 88.2
76 37.7 39.1 58.7#





#15
Acrylonitrile
Concen: 98.271 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

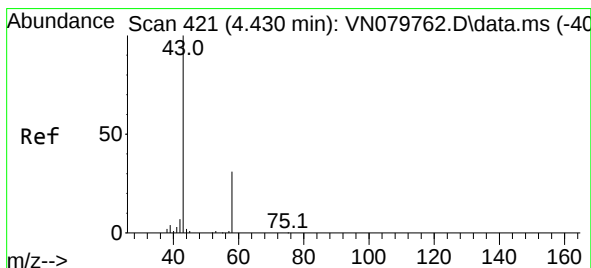
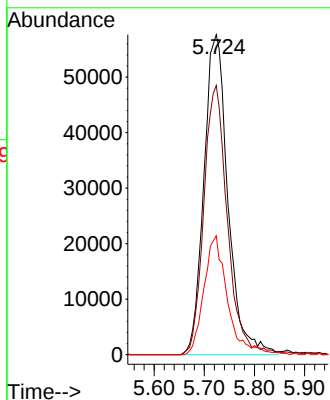
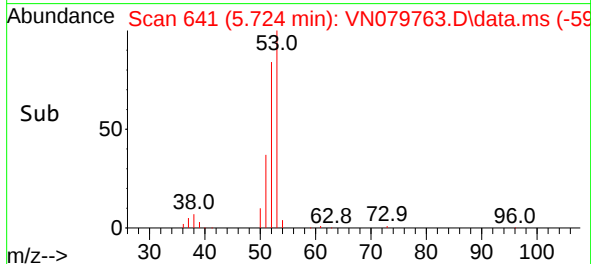
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 192582
Ion Ratio Lower Upper
53 100
52 82.5 65.3 97.9
51 35.0 28.9 43.3

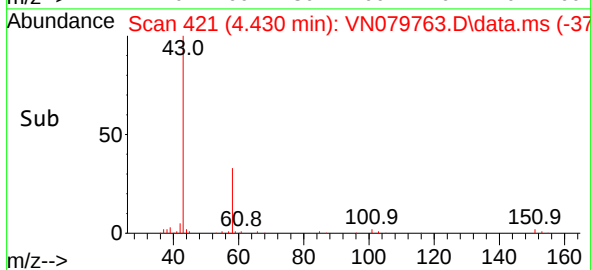
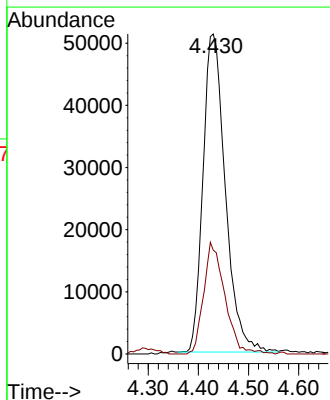
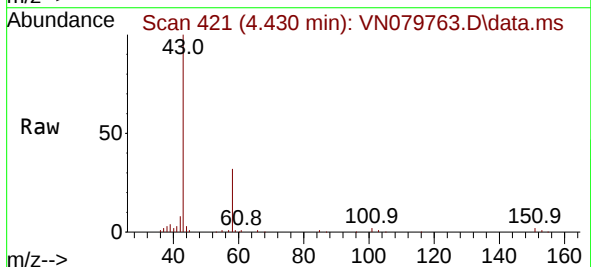
Manual Integrations
APPROVED

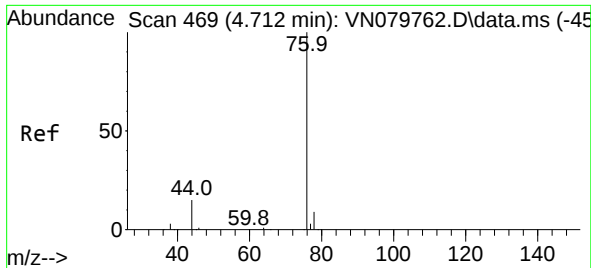
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#16
Acetone
Concen: 91.650 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

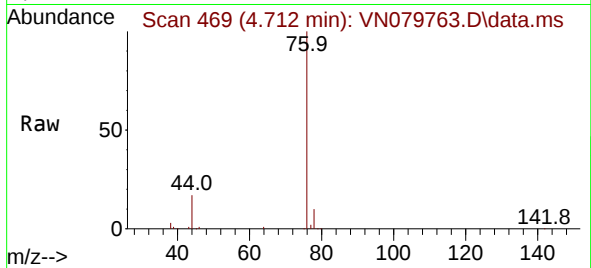
Tgt Ion: 43 Resp: 158587
Ion Ratio Lower Upper
43 100
58 32.7 28.0 42.0





#17
Carbon Disulfide
Concen: 19.179 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

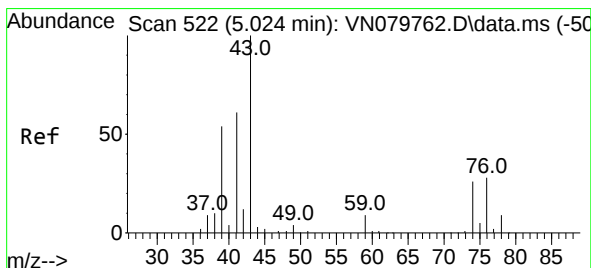
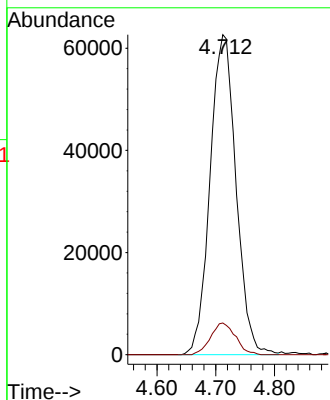
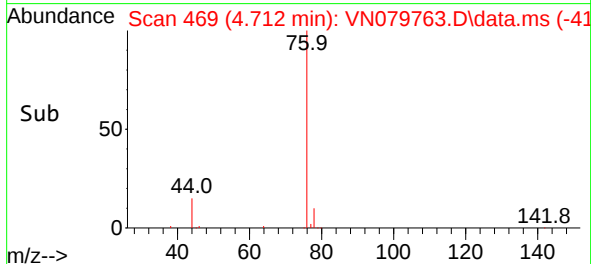
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



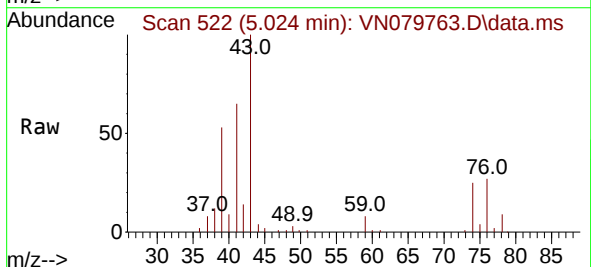
Tgt Ion: 76 Resp: 19254
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0

Manual Integrations
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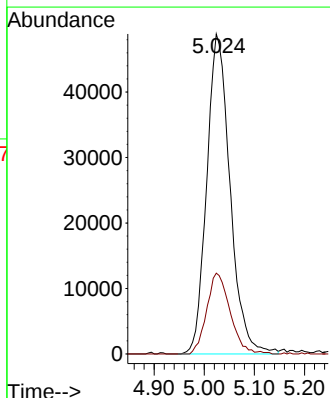
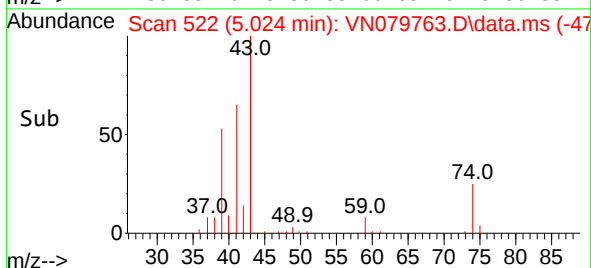
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

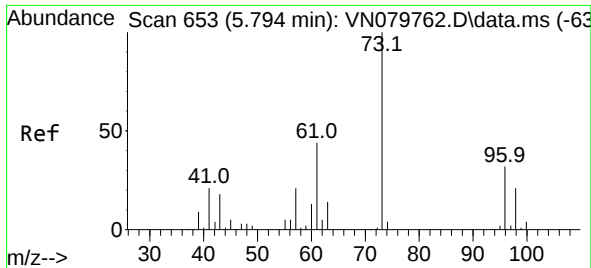


#18
Methyl Acetate
Concen: 19.112 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50



Tgt Ion: 43 Resp: 158221
Ion Ratio Lower Upper
43 100
74 25.3 26.2 39.4#





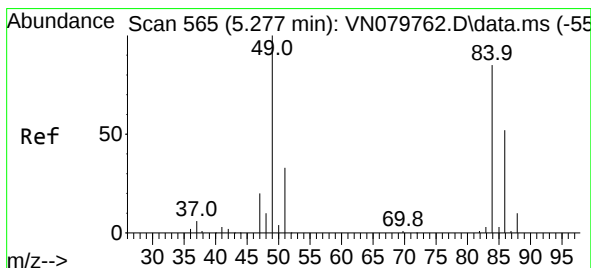
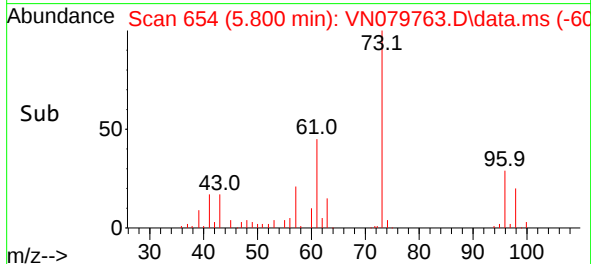
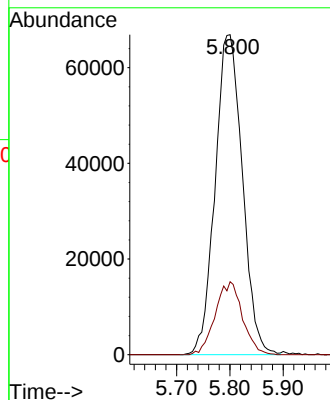
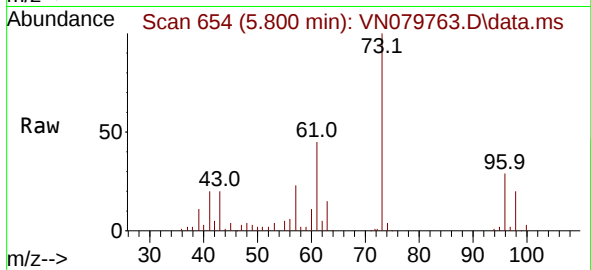
#19
Methyl tert-butyl Ether
Concen: 19.815 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 237428
Ion Ratio Lower Upper
73 100
57 22.8 15.6 23.4

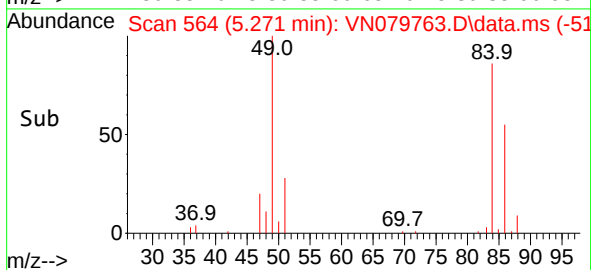
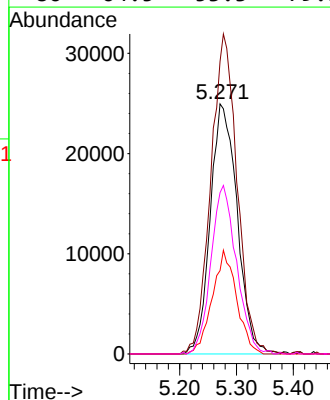
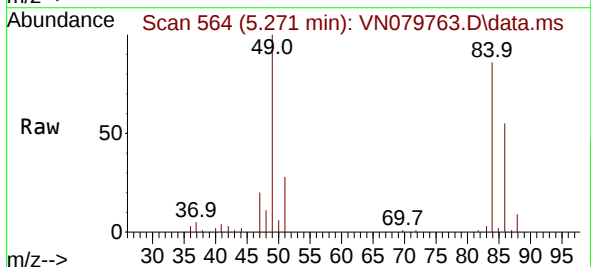
Manual Integrations
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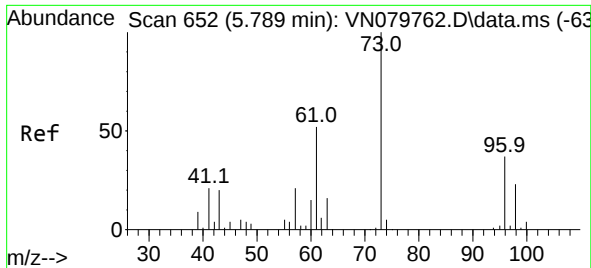
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#20
Methylene Chloride
Concen: 18.781 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Tgt Ion: 84 Resp: 82000
Ion Ratio Lower Upper
84 100
49 117.0 79.7 119.5
51 33.3 25.2 37.8
86 64.5 53.3 79.9





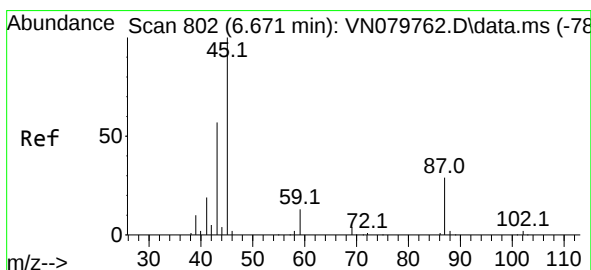
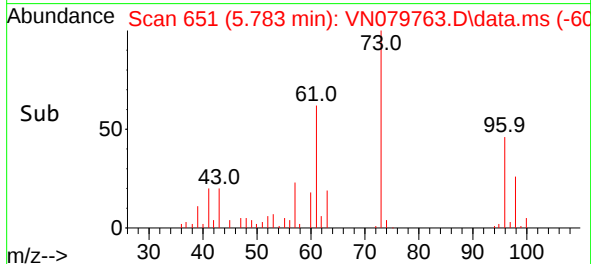
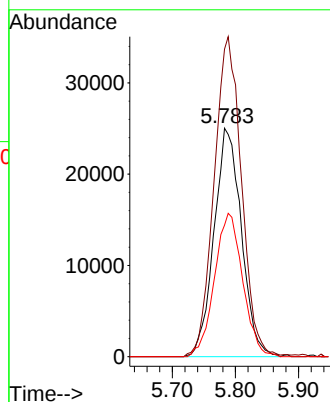
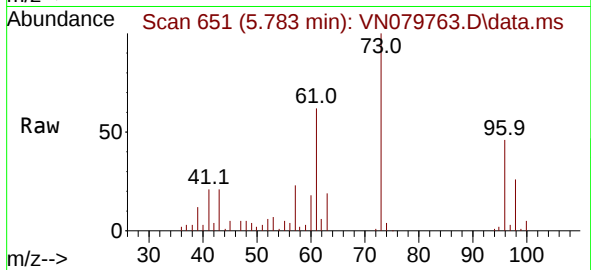
#21
trans-1,2-Dichloroethene
Concen: 19.399 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 7530
Ion Ratio Lower Upper
96 100
61 134.6 90.1 135.1
98 57.6 46.4 69.6

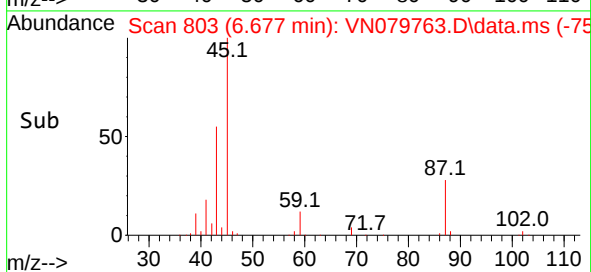
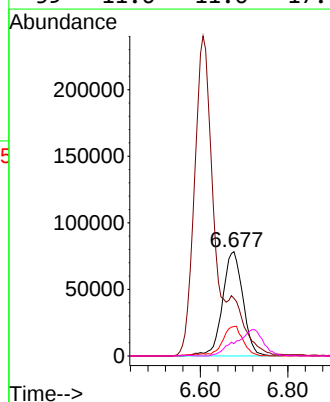
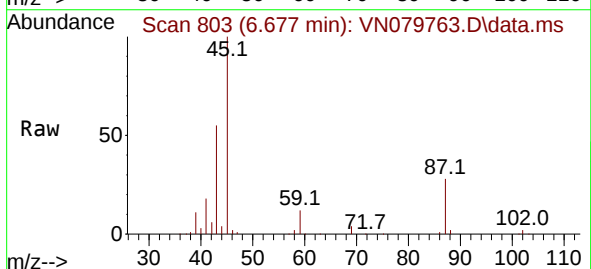
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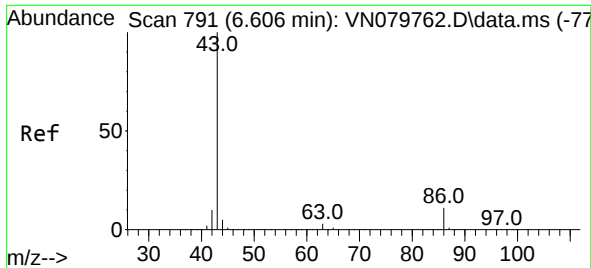
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#22
Diisopropyl ether
Concen: 20.505 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Tgt Ion: 45 Resp: 253308
Ion Ratio Lower Upper
45 100
43 53.6 45.5 68.3
87 28.2 31.8 47.8#
59 11.6 11.6 17.4#





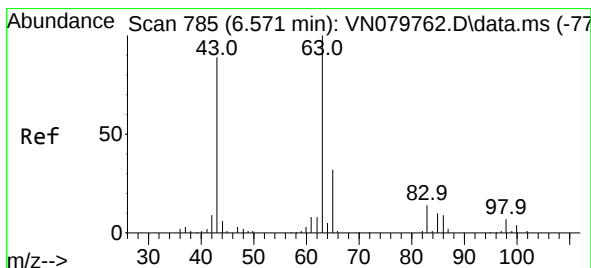
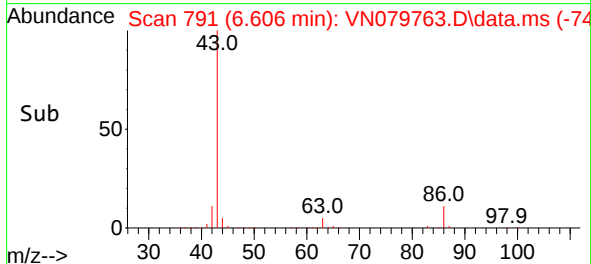
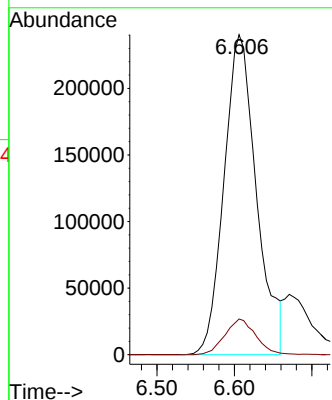
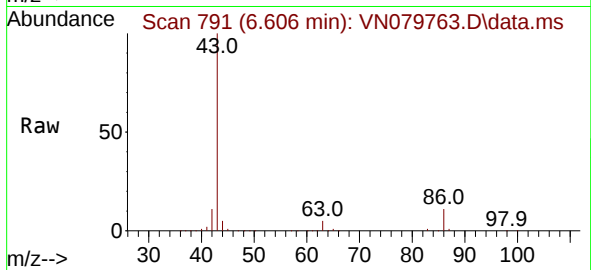
#23
 Vinyl Acetate
 Concen: 102.812 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079763.D
 Acq: 01 Nov 2023 10:50

Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDIC020

Tgt Ion: 43 Resp: 70056
 Ion Ratio Lower Upper
 43 100
 86 11.2 13.0 19.6

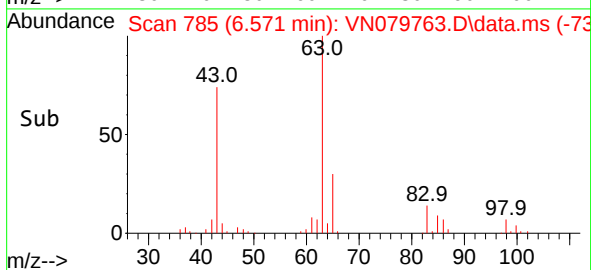
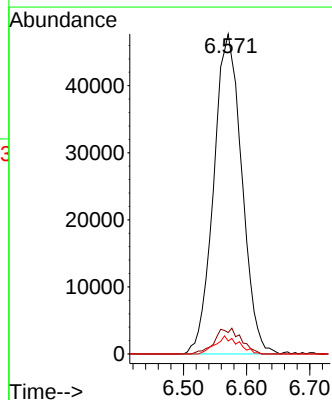
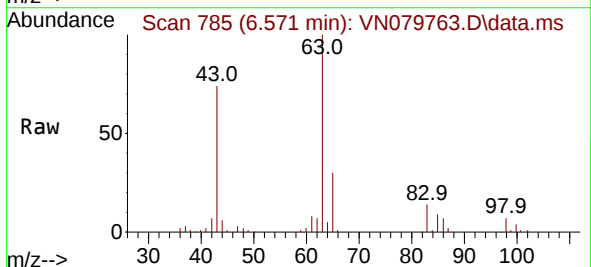
Manual Integrations
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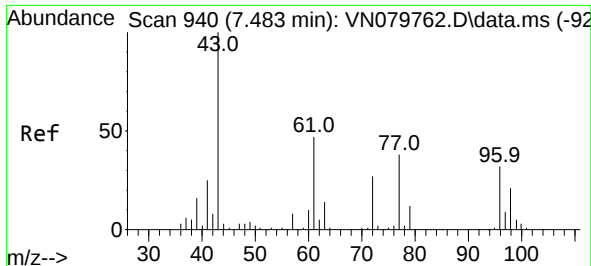
Reviewed By :John Carlone 11/02/2023
 Supervised By :Mahesh Dadoda 11/02/2023



#24
 1,1-Dichloroethane
 Concen: 19.659 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN079763.D
 Acq: 01 Nov 2023 10:50

Tgt Ion: 63 Resp: 147604
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.9 11.7
 100 4.0 2.5 7.4





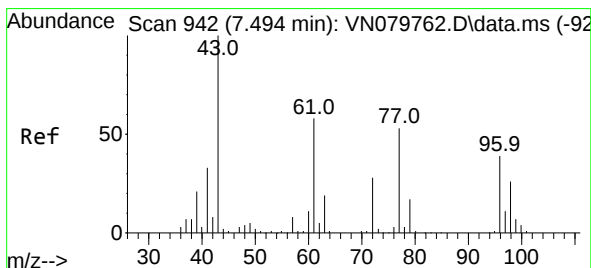
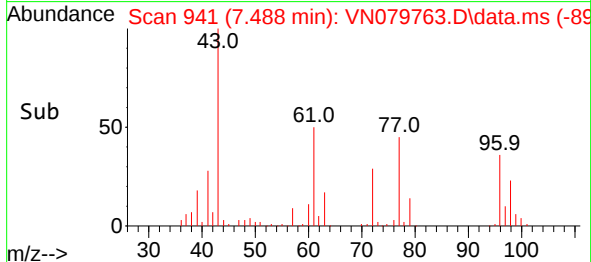
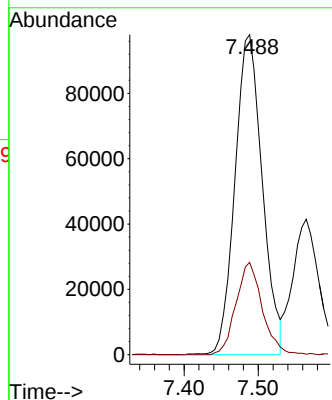
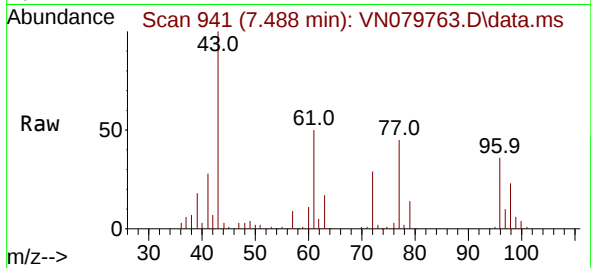
#25
2-Butanone
Concen: 98.997 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 250844
Ion Ratio Lower Upper
43 100
72 28.9 30.2 45.2

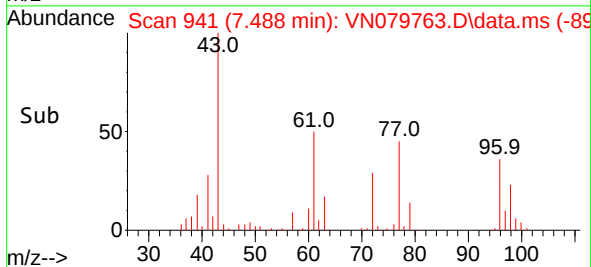
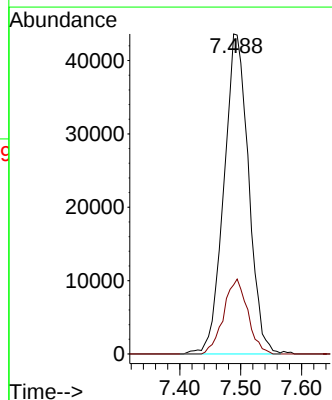
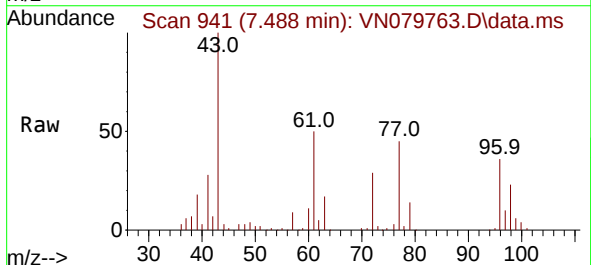
Manual Integrations
APPROVED

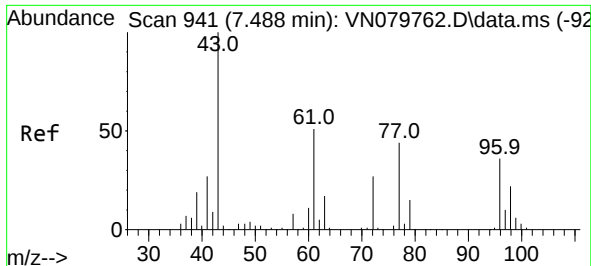
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#26
2,2-Dichloropropane
Concen: 19.762 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

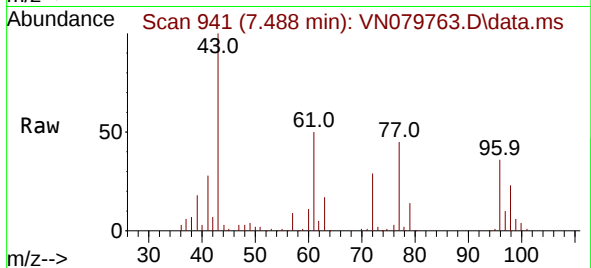
Tgt Ion: 77 Resp: 122717
Ion Ratio Lower Upper
77 100
97 22.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.590 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079763.D
 Acq: 01 Nov 2023 10:50

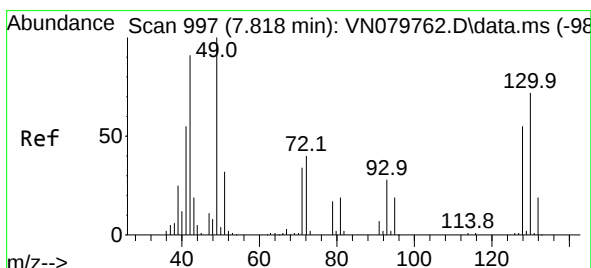
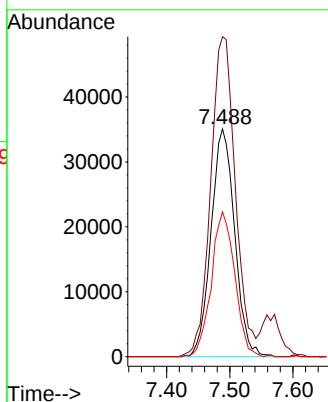
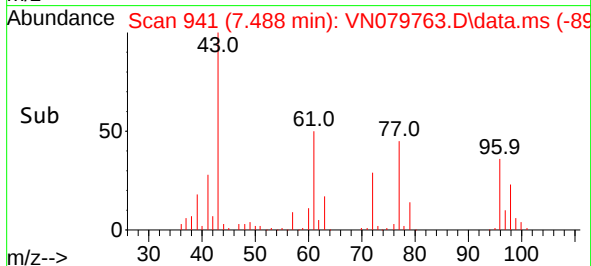
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020



Tgt Ion: 96 Resp: 9095
 Ion Ratio Lower Upper
 96 100
 61 146.9 0.0 255.2
 98 63.1 0.0 128.8

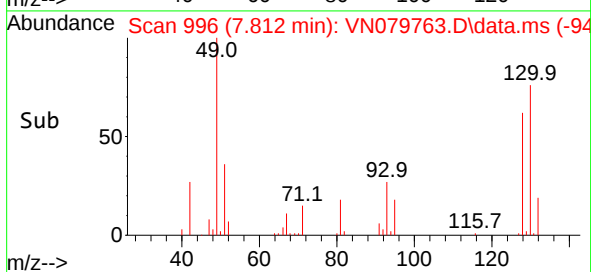
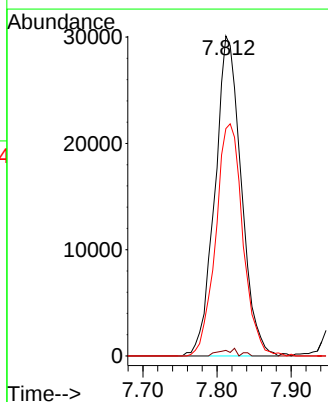
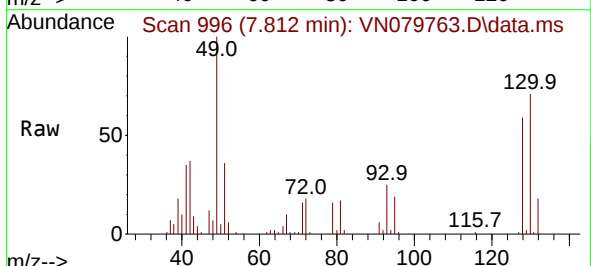
Manual Integrations
 APPROVED

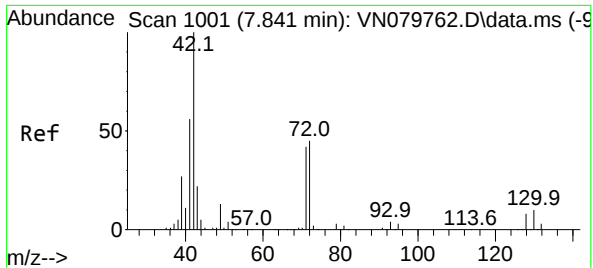
Reviewed By :John Carlone 11/02/2023
 Supervised By :Mahesh Dadoda 11/02/2023



#28
 Bromochloromethane
 Concen: 20.301 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN079763.D
 Acq: 01 Nov 2023 10:50

Tgt Ion: 49 Resp: 74285
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.8
 130 74.7 75.3 112.9#





#29

Tetrahydrofuran

Concen: 101.242 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 166904

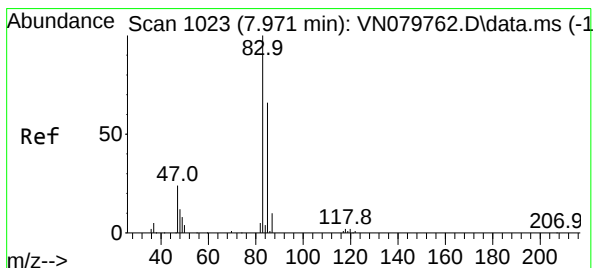
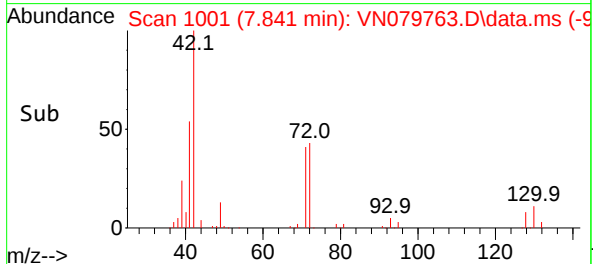
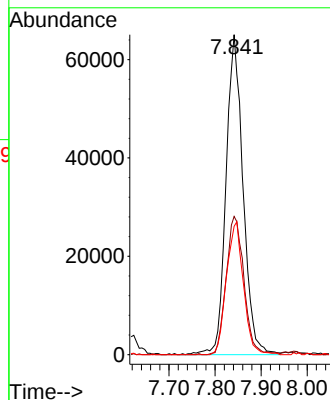
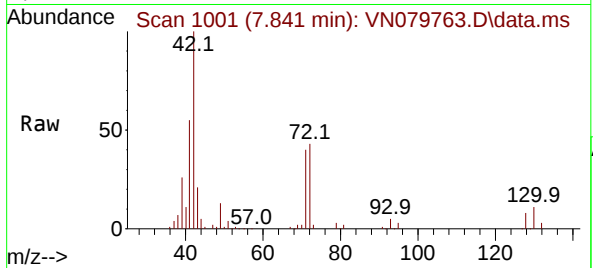
Ion	Ratio	Lower	Upper
42	100		
72	45.2	49.8	74.6
71	41.4	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#30

Chloroform

Concen: 18.656 ug/l

RT: 7.971 min Scan# 1023

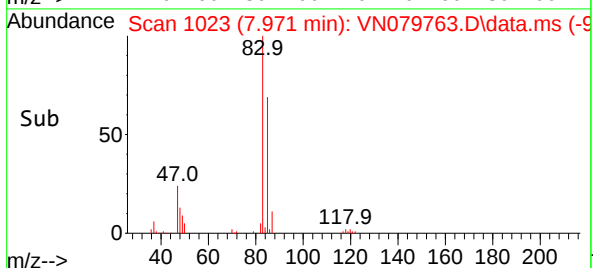
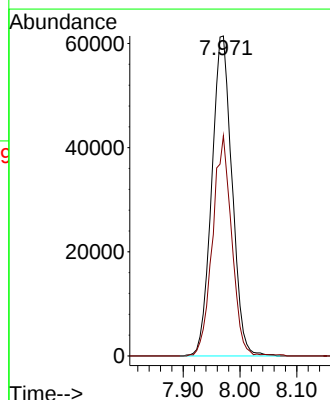
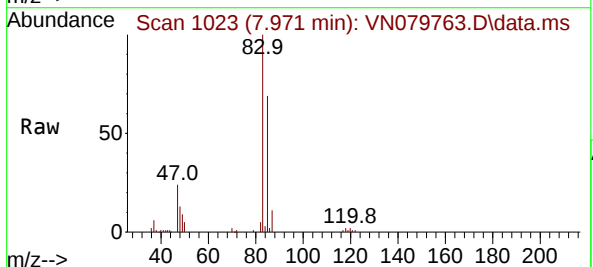
Delta R.T. 0.000 min

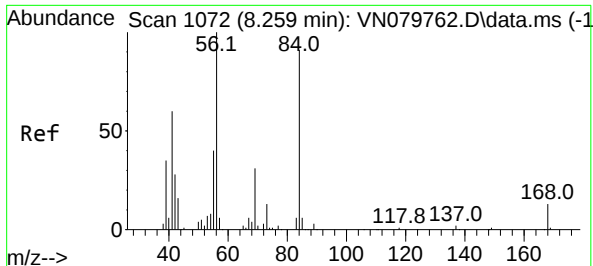
Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

Tgt Ion: 83 Resp: 152153

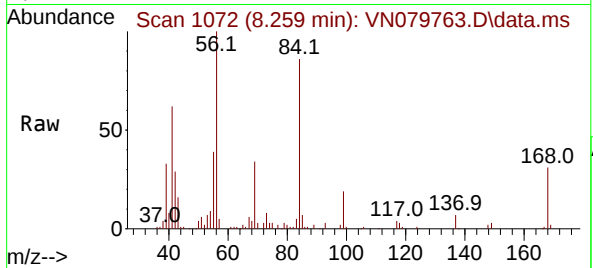
Ion	Ratio	Lower	Upper
83	100		
85	68.8	55.4	83.0





#31
Cyclohexane
Concen: 18.622 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

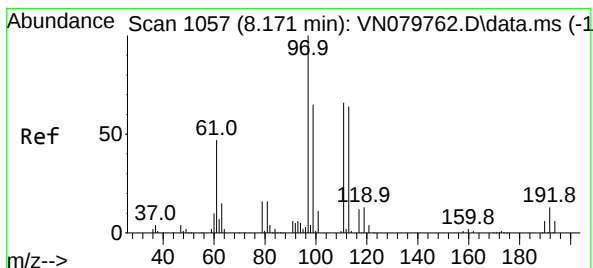
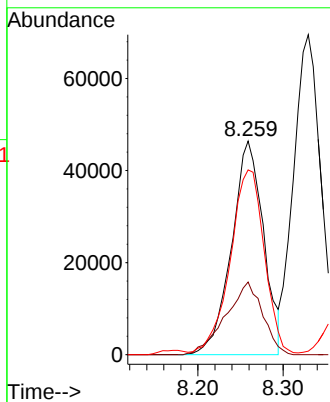
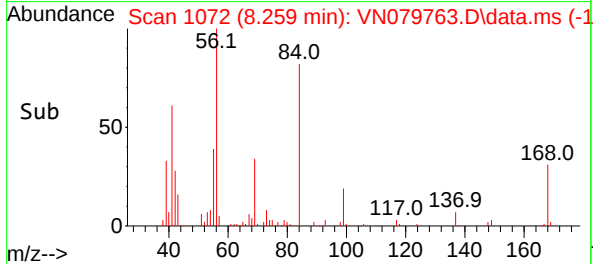
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC020



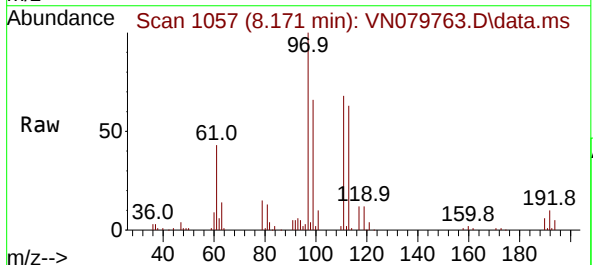
Tgt Ion: 56 Resp: 121220
Ion Ratio Lower Upper
56 100
69 34.0 26.8 40.2
84 84.4 81.8 122.6

Manual Integrations
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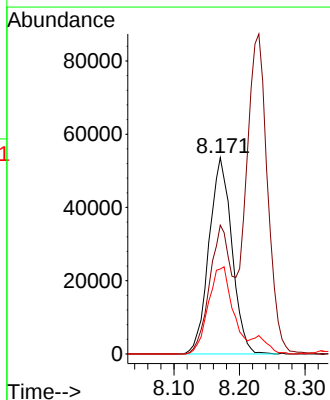
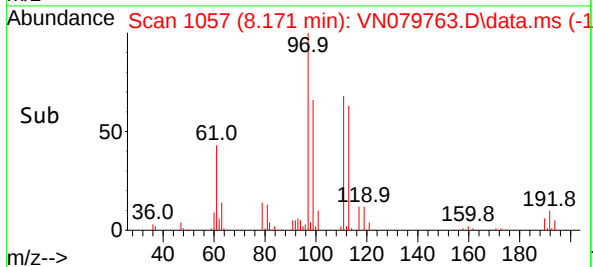
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

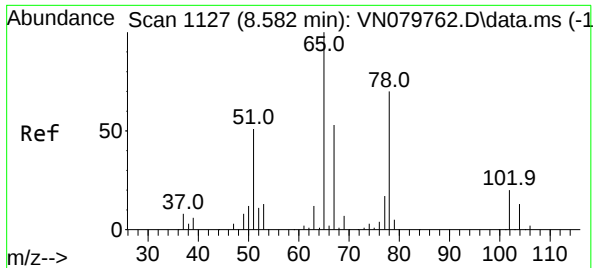


#32
1,1,1-Trichloroethane
Concen: 19.531 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50



Tgt Ion: 97 Resp: 129793
Ion Ratio Lower Upper
97 100
99 63.2 50.3 75.5
61 47.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 20.136 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 9919

Ion Ratio Lower Upper

65 100

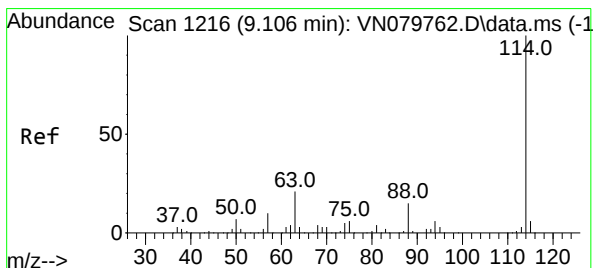
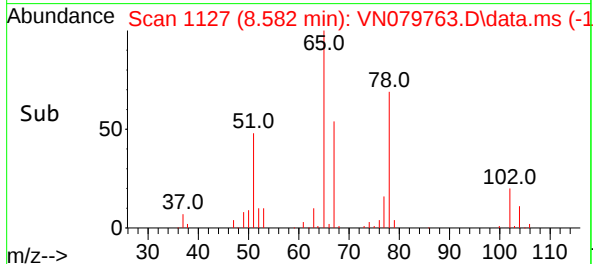
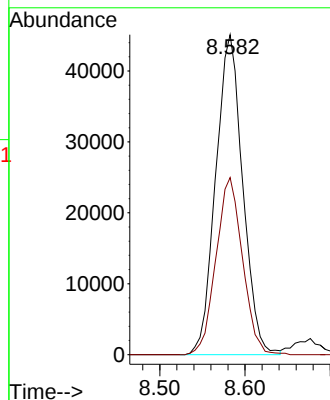
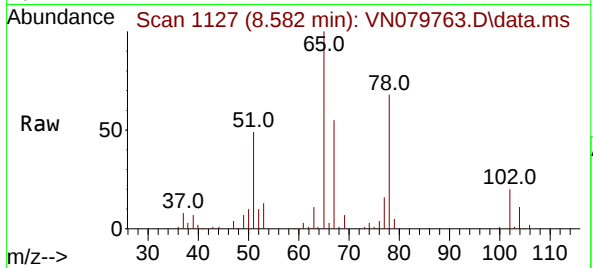
67 54.4 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

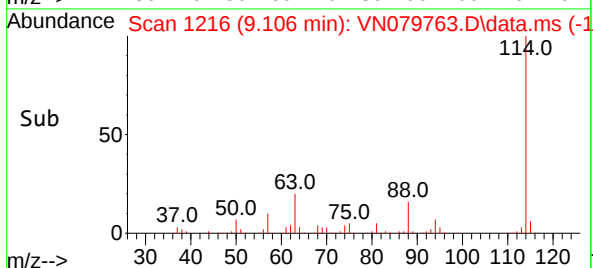
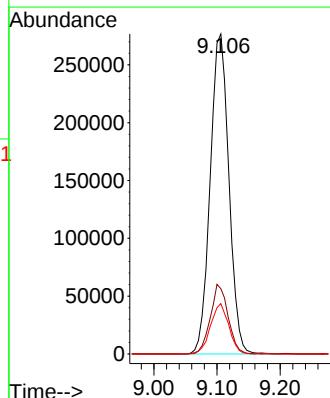
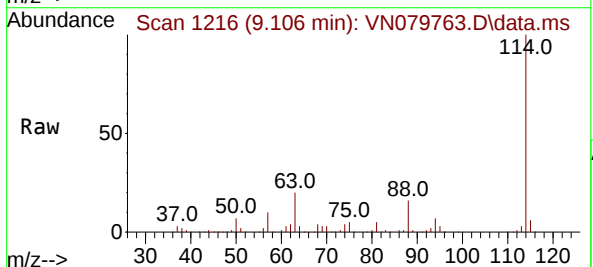
Tgt Ion:114 Resp: 567961

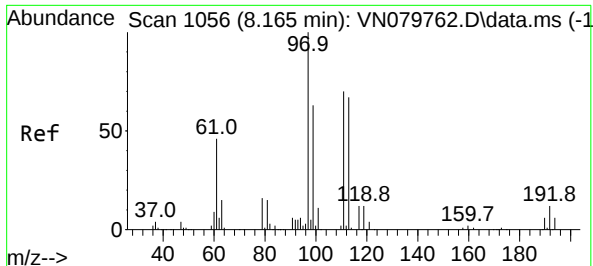
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

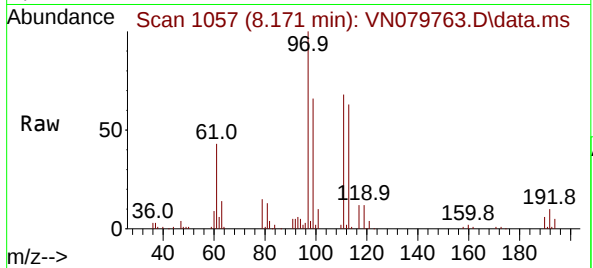
88 15.8 0.0 30.6





#35
Dibromofluoromethane
Concen: 20.356 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

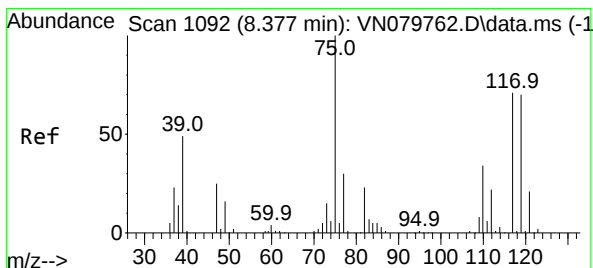
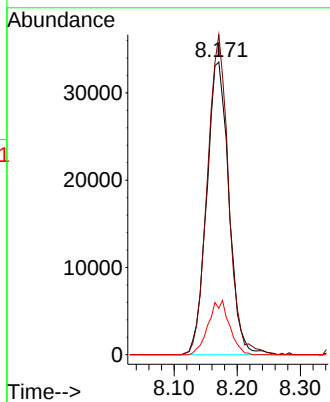
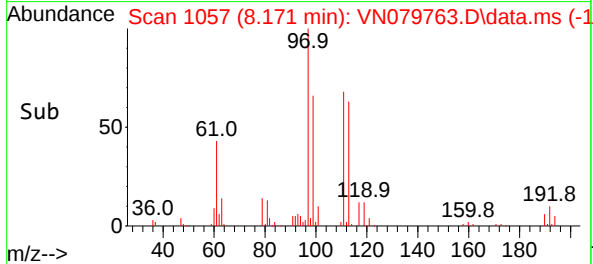
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



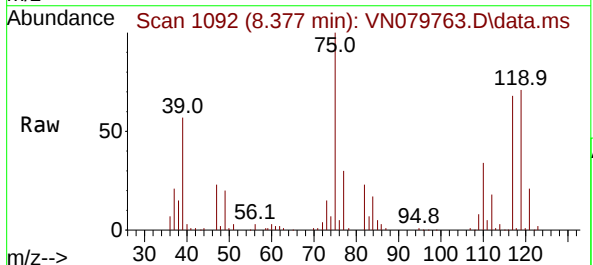
Tgt Ion:113 Resp: 81828
Ion Ratio Lower Upper
113 100
111 104.3 82.6 123.8
192 17.7 12.7 19.1

Manual Integrations
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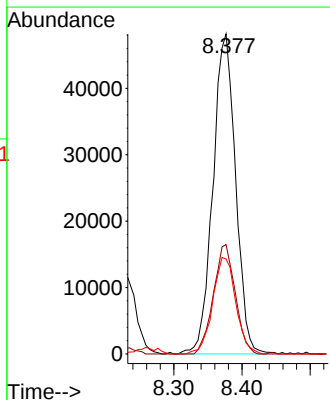
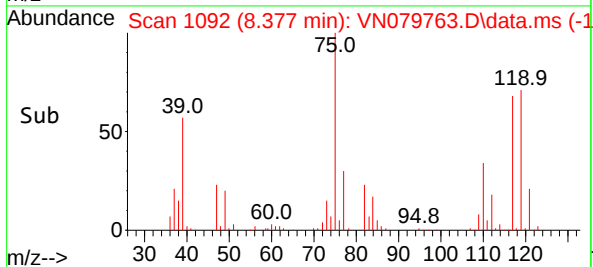
Reviewed By :John Carbone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

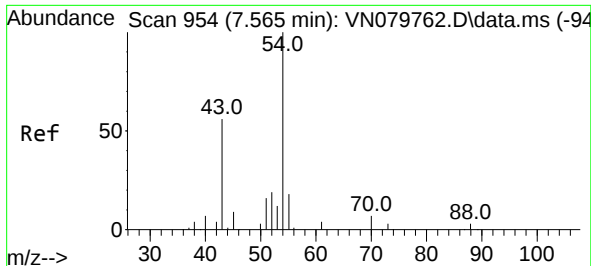


#36
1,1-Dichloropropene
Concen: 19.454 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50



Tgt Ion: 75 Resp: 111658
Ion Ratio Lower Upper
75 100
110 32.9 19.1 57.3
77 30.6 25.0 37.4





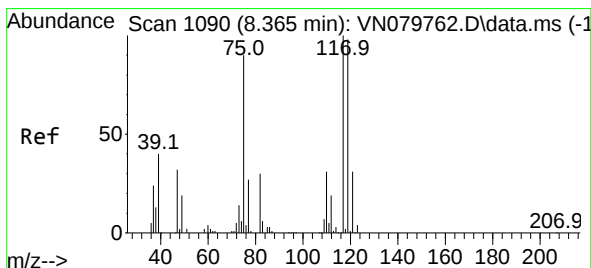
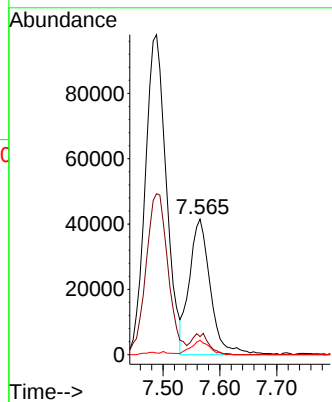
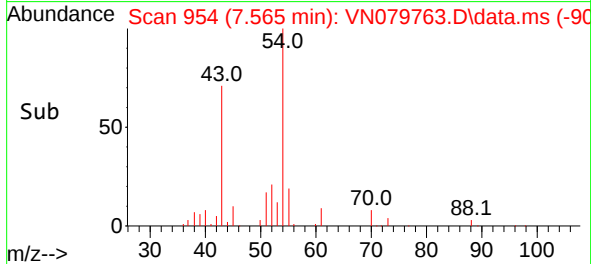
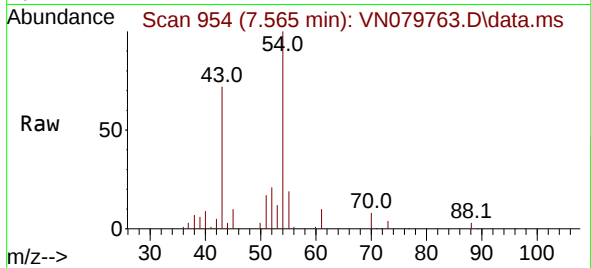
#37
Ethyl Acetate
Concen: 20.338 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 107050
Ion Ratio Lower Upper
43 100
61 12.8 13.2 19.8
70 9.4 11.3 16.9

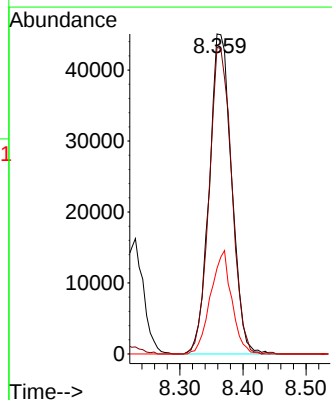
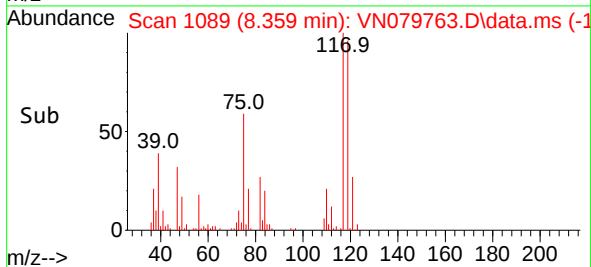
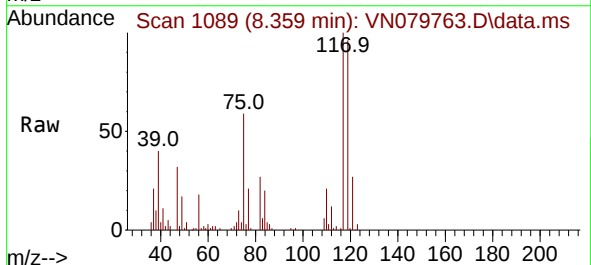
Manual Integrations
APPROVED

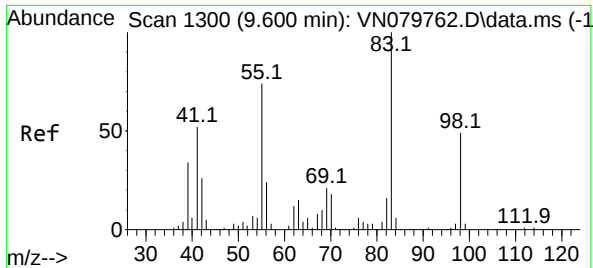
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#38
Carbon Tetrachloride
Concen: 19.209 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Tgt Ion:117 Resp: 111112
Ion Ratio Lower Upper
117 100
119 95.8 77.3 115.9
121 26.7 23.3 34.9





#39

Methylcyclohexane

Concen: 19.250 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

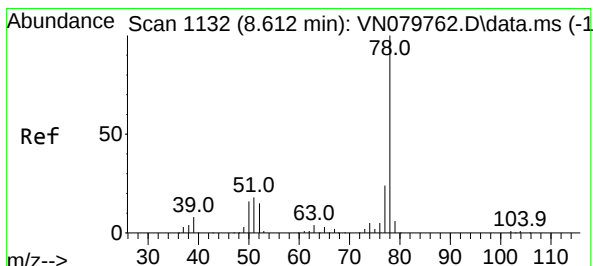
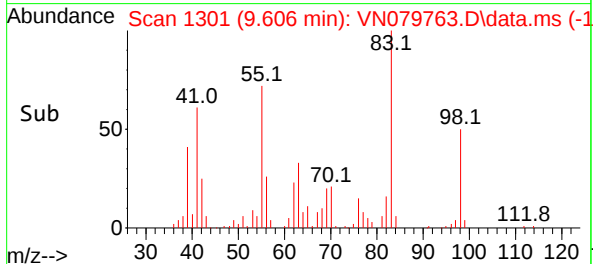
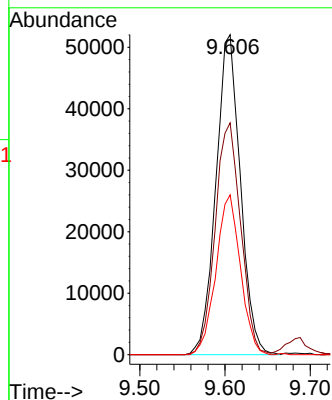
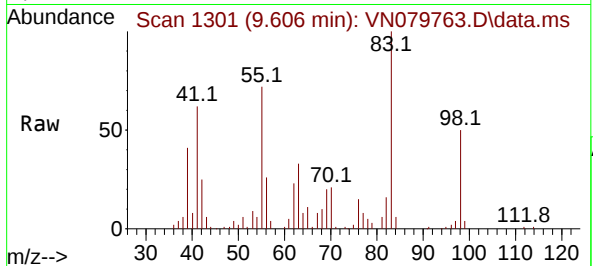
Tgt Ion: 83 Resp: 10397
 Ion Ratio Lower Upper
 83 100
 55 72.5 49.1 73.7
 98 49.9 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#40

Benzene

Concen: 19.315 ug/l

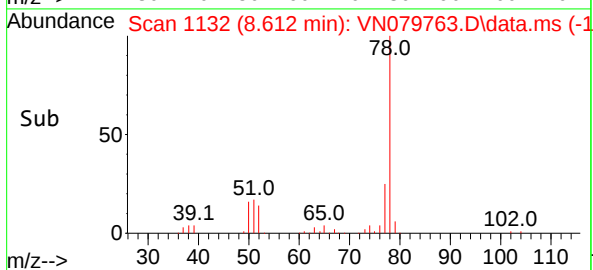
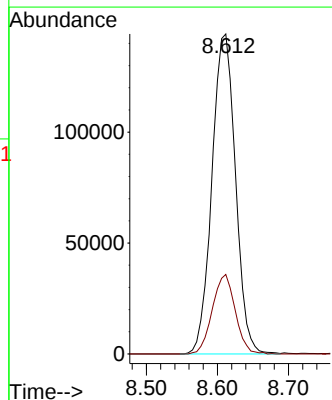
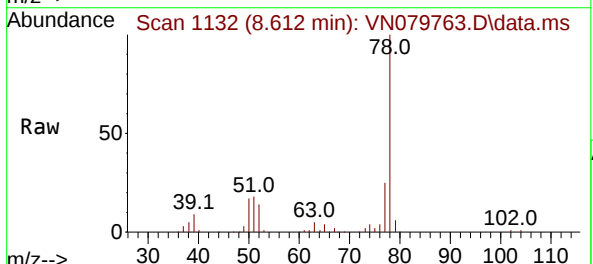
RT: 8.612 min Scan# 1132

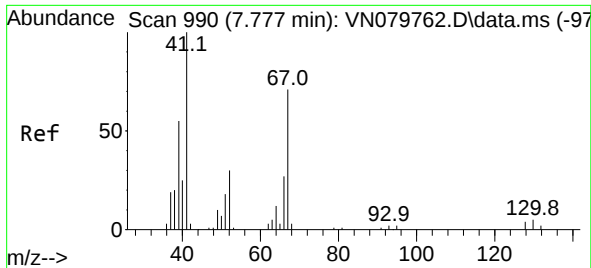
Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

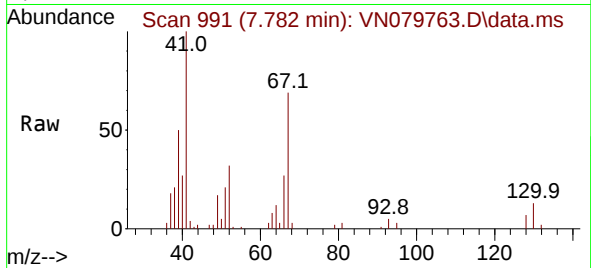
Tgt Ion: 78 Resp: 332051
 Ion Ratio Lower Upper
 78 100
 77 24.9 19.0 28.6





#41
Methacrylonitrile
Concen: 21.147 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

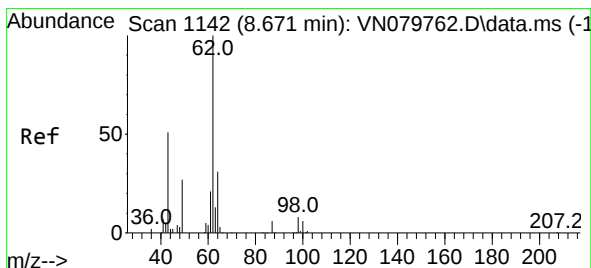
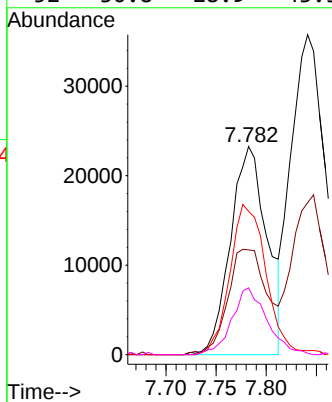
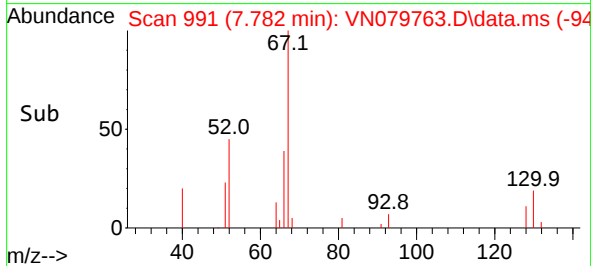
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



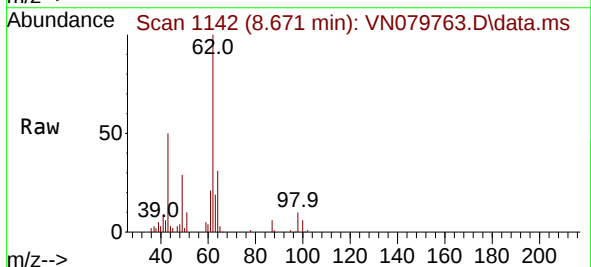
Tgt Ion: 41 Resp: 5911
Ion Ratio Lower Upper
41 100
39 54.8 42.6 64.0
67 71.6 77.5 116.3
52 30.8 28.9 43.3

Manual Integrations
APPROVED

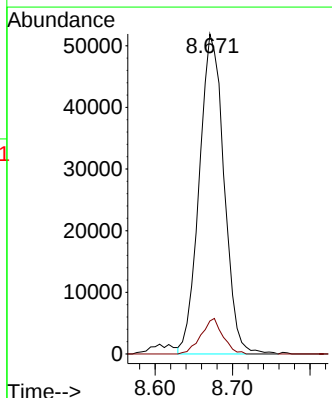
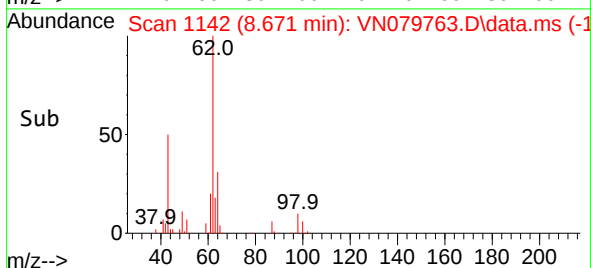
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

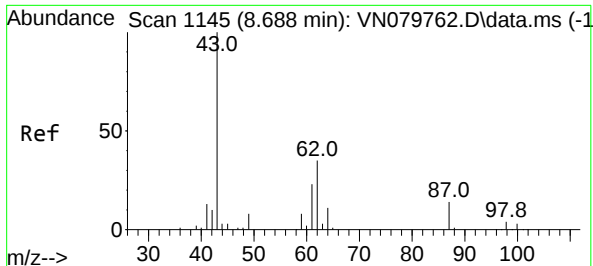


#42
1,2-Dichloroethane
Concen: 19.231 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50



Tgt Ion: 62 Resp: 115482
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.8





#43

Isopropyl Acetate

Concen: 19.222 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 17744

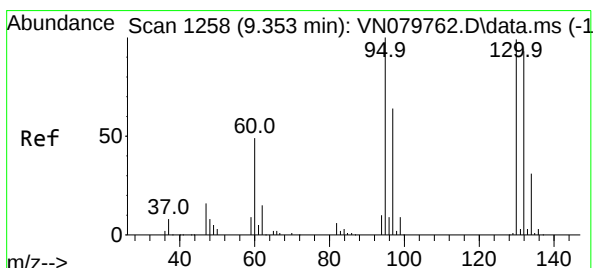
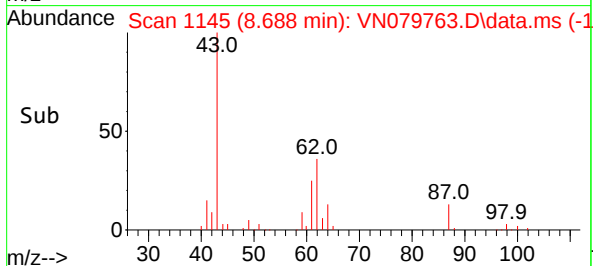
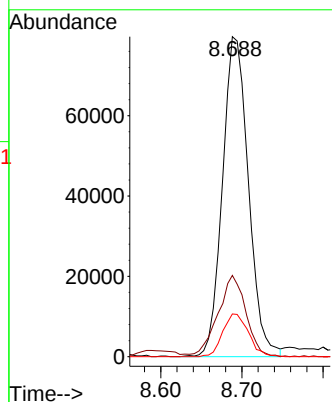
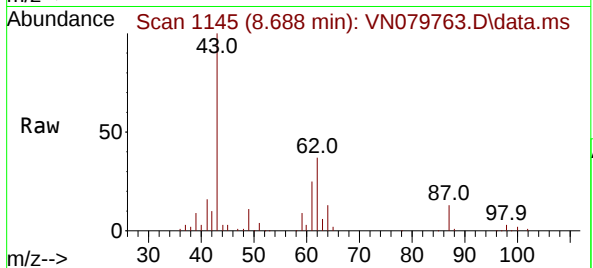
Ion	Ratio	Lower	Upper
43	100		
61	27.3	24.7	37.1
87	13.2	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#44

Trichloroethene

Concen: 18.996 ug/l

RT: 9.353 min Scan# 1258

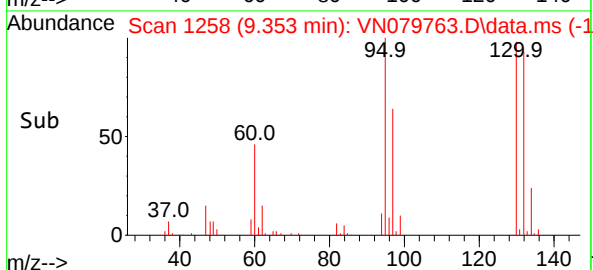
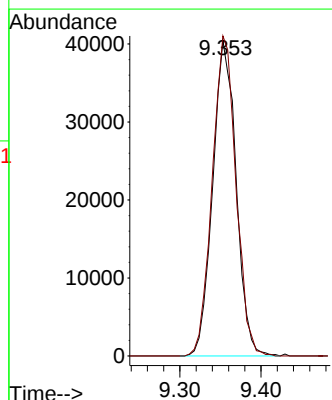
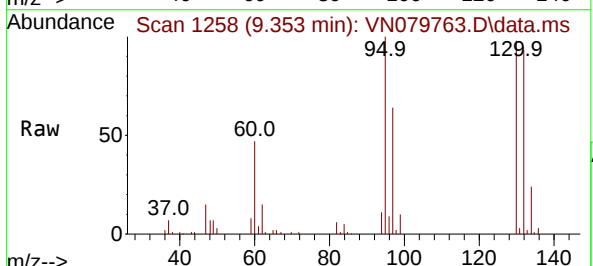
Delta R.T. 0.000 min

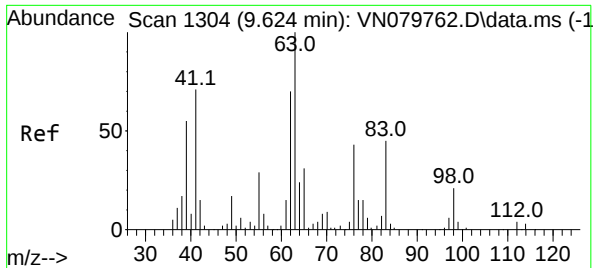
Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

Tgt Ion:130 Resp: 81033

Ion	Ratio	Lower	Upper
130	100		
95	101.5	0.0	204.6





#45

1,2-Dichloropropane

Concen: 19.397 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 85214

Ion Ratio Lower Upper

63 100

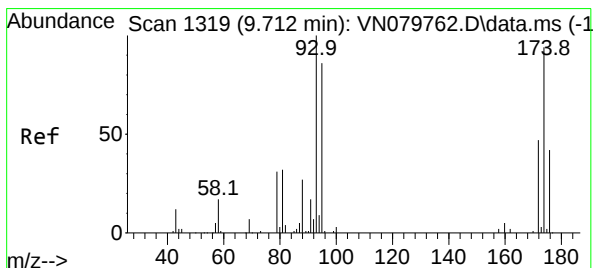
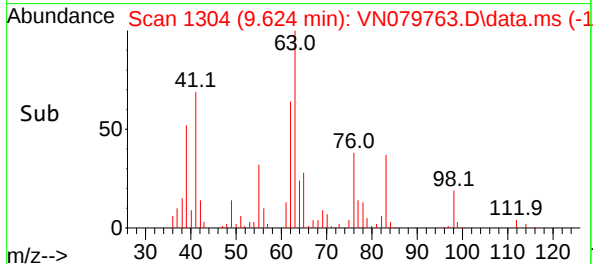
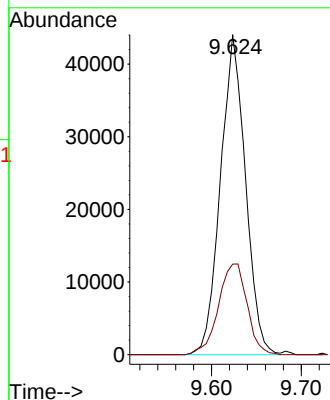
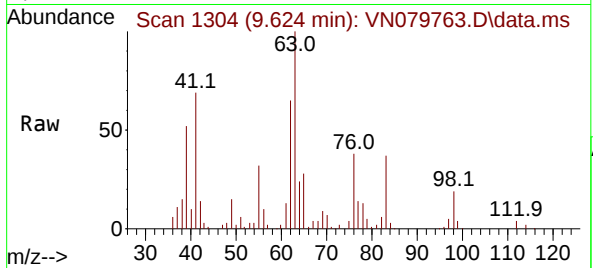
65 28.3 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#46

Dibromomethane

Concen: 19.330 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

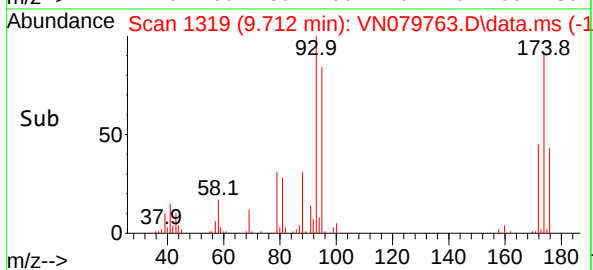
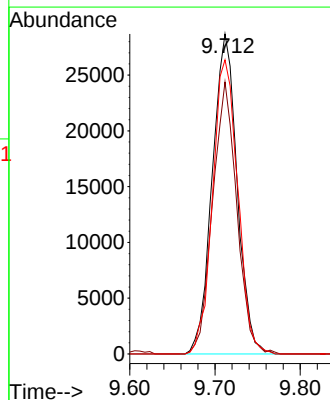
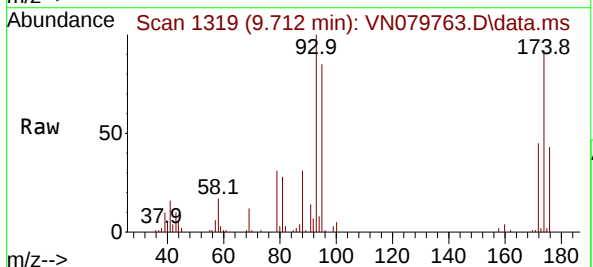
Tgt Ion: 93 Resp: 57985

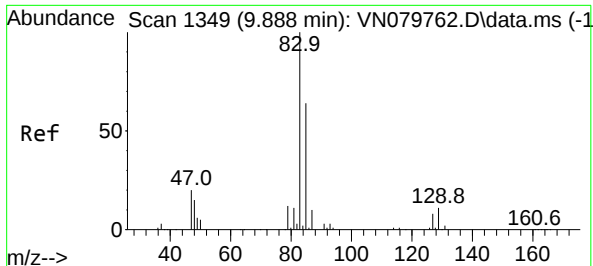
Ion Ratio Lower Upper

93 100

95 82.8 63.8 95.8

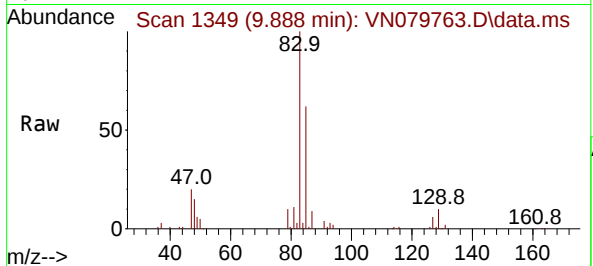
174 93.2 65.6 98.4





#47
Bromodichloromethane
Concen: 18.402 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

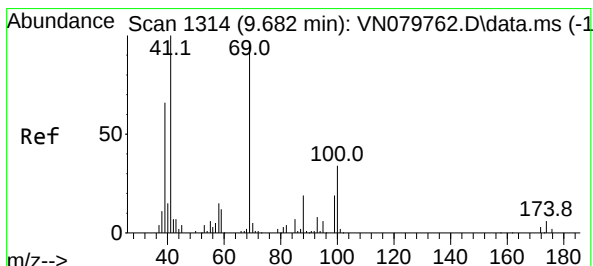
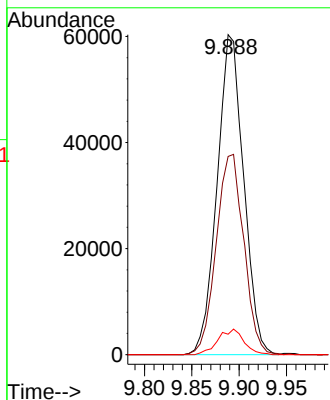
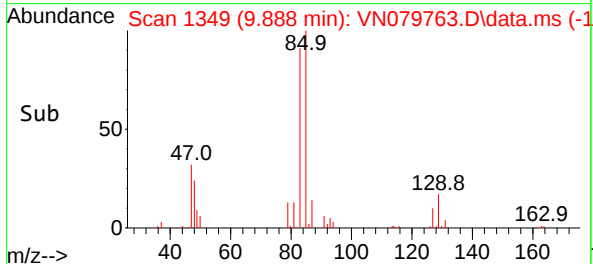
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



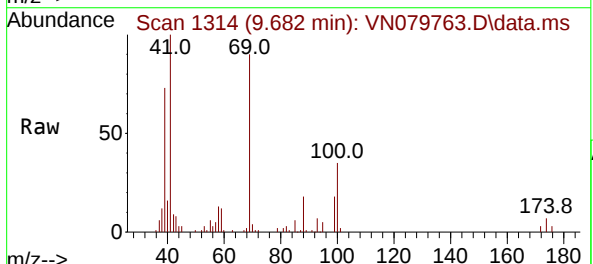
Tgt Ion: 83 Resp: 117729
Ion Ratio Lower Upper
83 100
85 61.9 49.6 74.4
127 6.4 7.0 10.6

Manual Integrations
APPROVED

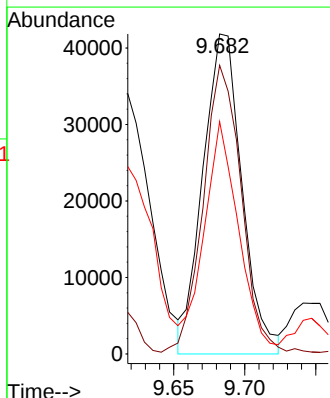
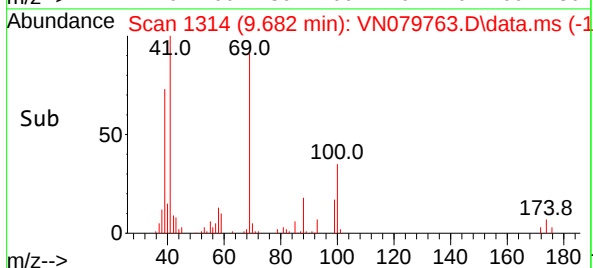
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

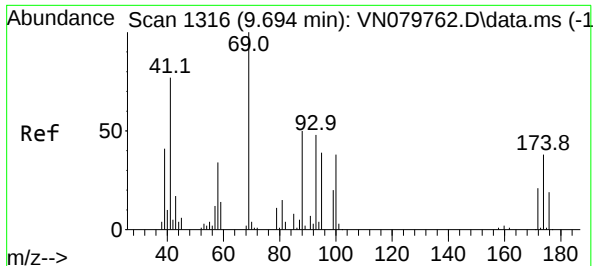


#48
Methyl methacrylate
Concen: 19.807 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50



Tgt Ion: 41 Resp: 80086
Ion Ratio Lower Upper
41 100
69 87.3 90.4 135.6#
39 64.9 54.6 81.8





#49

1,4-Dioxane

Concen: 436.073 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

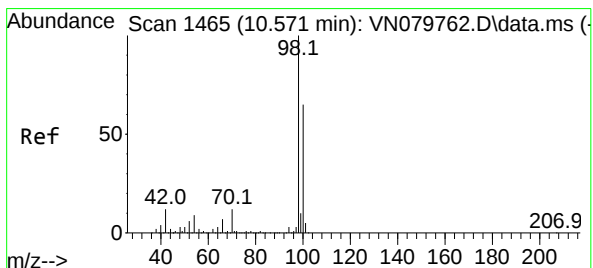
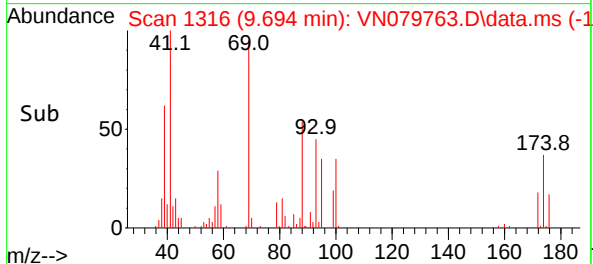
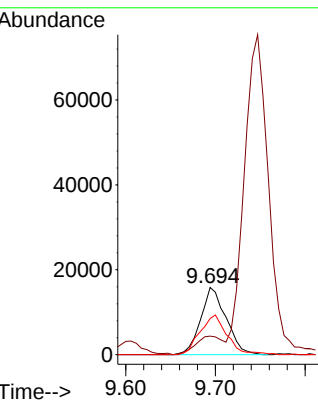
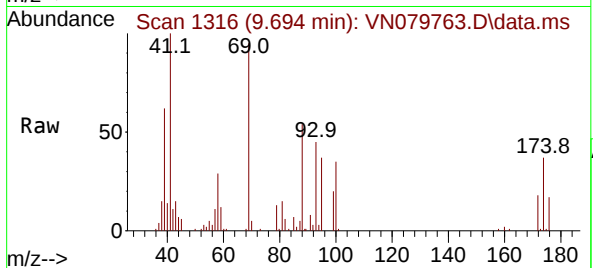
Tgt Ion: 88 Resp: 31150
 Ion Ratio Lower Upper
 88 100
 43 30.1 17.0 25.6
 58 63.1 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#50

Toluene-d8

Concen: 20.395 ug/l

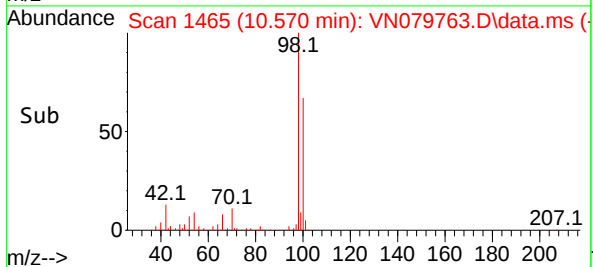
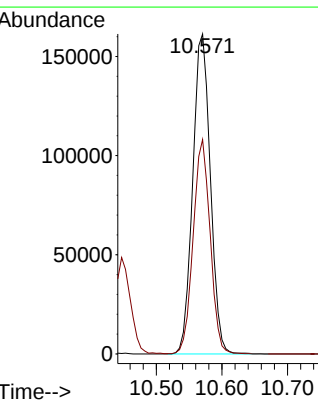
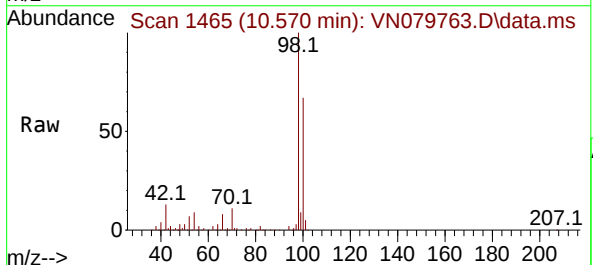
RT: 10.570 min Scan# 1465

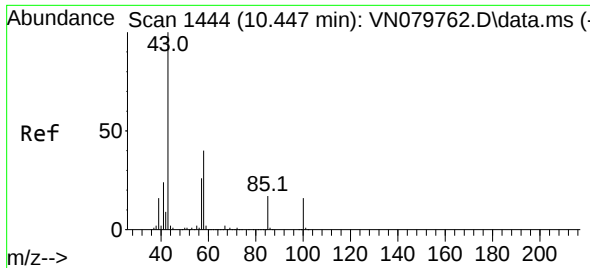
Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

Tgt Ion: 98 Resp: 301811
 Ion Ratio Lower Upper
 98 100
 100 64.7 52.0 78.0





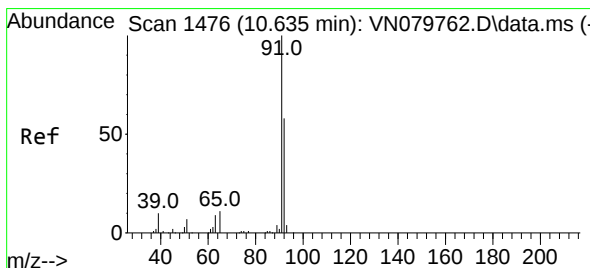
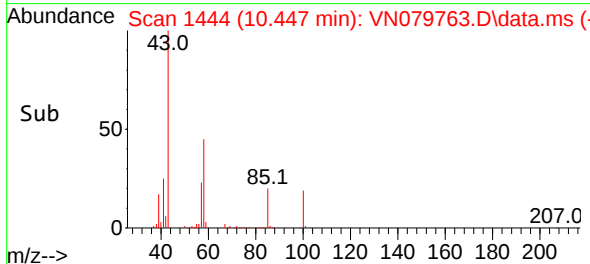
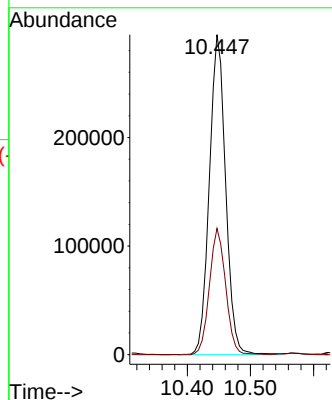
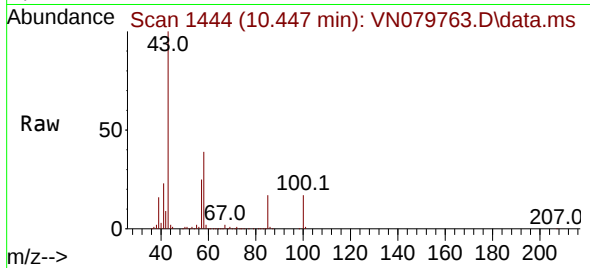
#51
4-Methyl-2-Pentanone
Concen: 101.578 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 527912
Ion Ratio Lower Upper
43 100
58 39.3 36.6 54.8

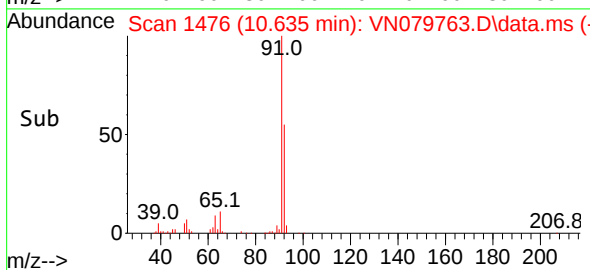
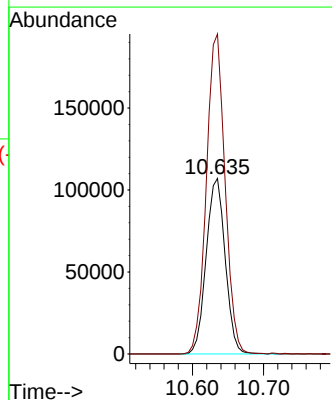
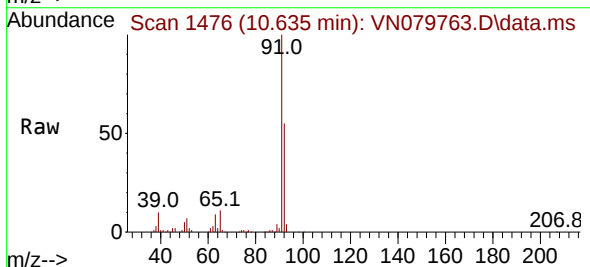
Manual Integrations
APPROVED

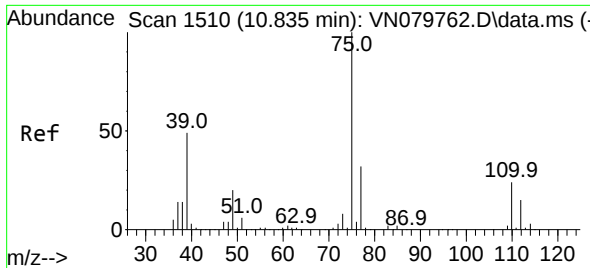
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#52
Toluene
Concen: 19.558 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Tgt Ion: 92 Resp: 199325
Ion Ratio Lower Upper
92 100
91 178.8 137.4 206.0





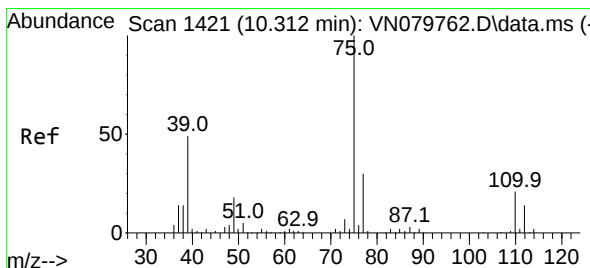
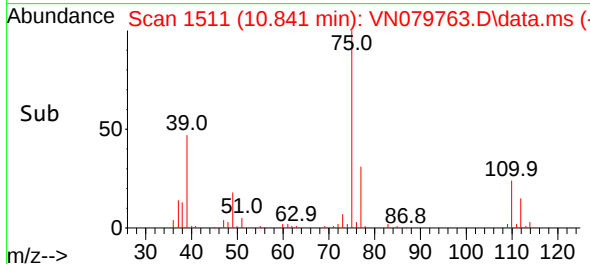
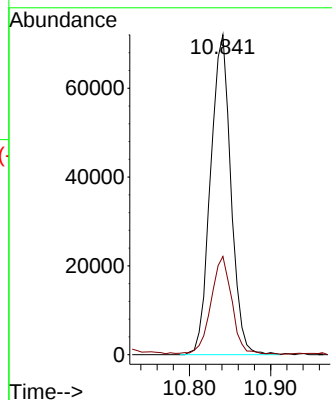
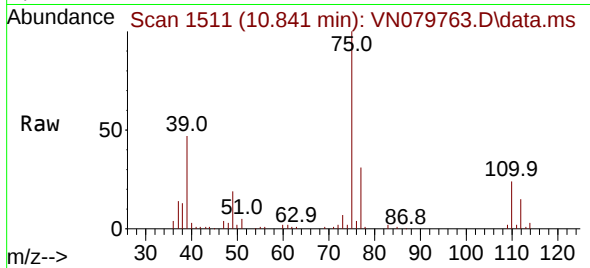
#53
 t-1,3-Dichloropropene
 Concen: 20.037 ug/l
 RT: 10.841 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN079763.D
 Acq: 01 Nov 2023 10:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion: 75 Resp: 125664
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.4 38.0

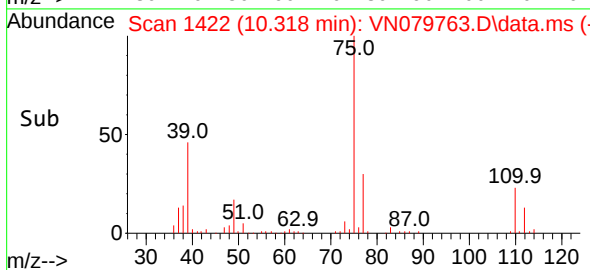
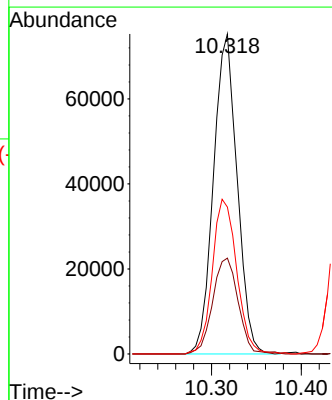
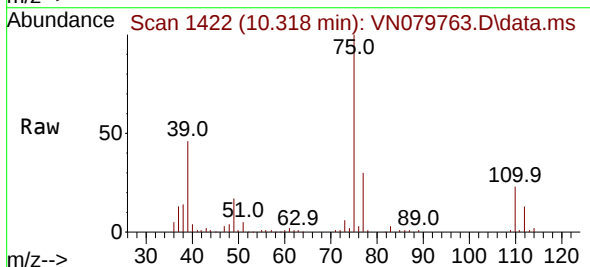
Manual Integrations
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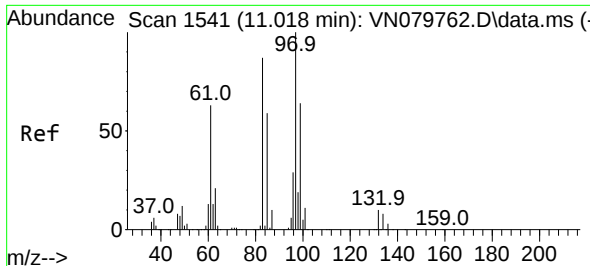
Reviewed By :John Carlone 11/02/2023
 Supervised By :Mahesh Dadoda 11/02/2023



#54
 cis-1,3-Dichloropropene
 Concen: 20.175 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079763.D
 Acq: 01 Nov 2023 10:50

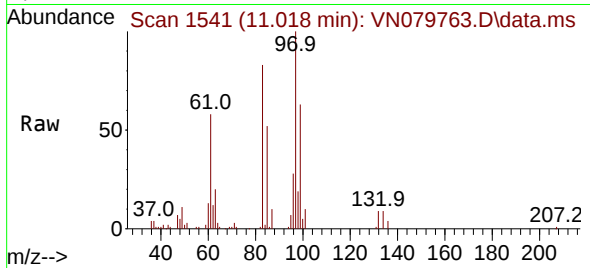
Tgt Ion: 75 Resp: 137918
 Ion Ratio Lower Upper
 75 100
 77 30.0 26.1 39.1
 39 45.9 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 19.991 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

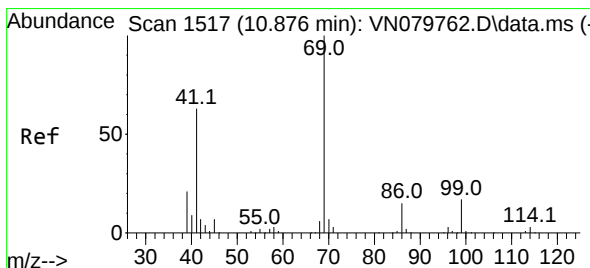
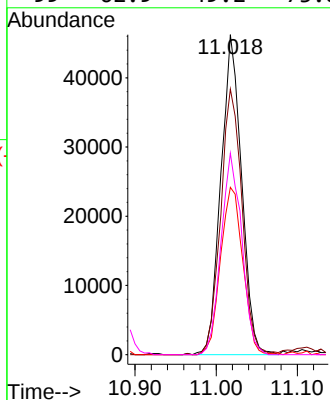
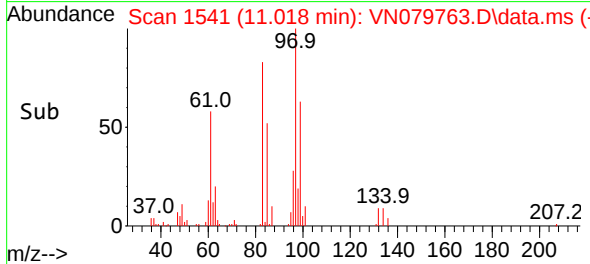
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:	97	Resp:	81949
Ion	Ratio	Lower	Upper
97	100		
83	83.0	65.1	97.7
85	52.3	43.4	65.2
99	62.9	49.2	73.8

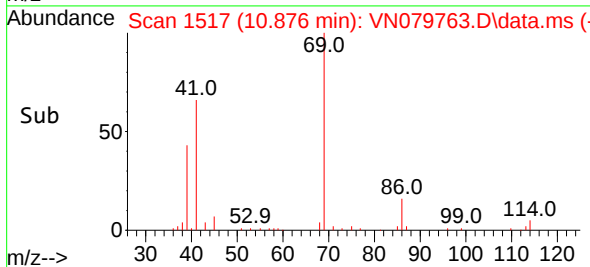
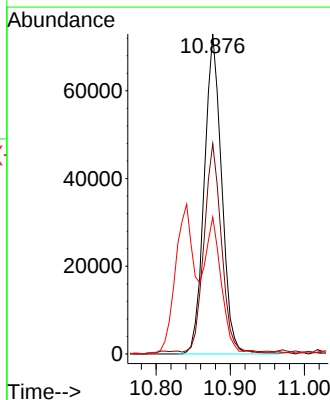
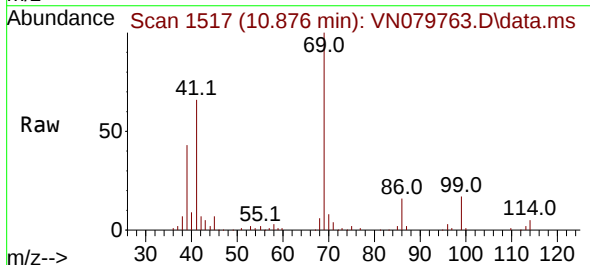
Manual Integrations
APPROVED

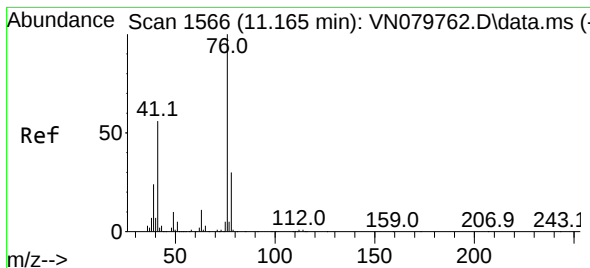
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#56
Ethyl methacrylate
Concen: 20.333 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

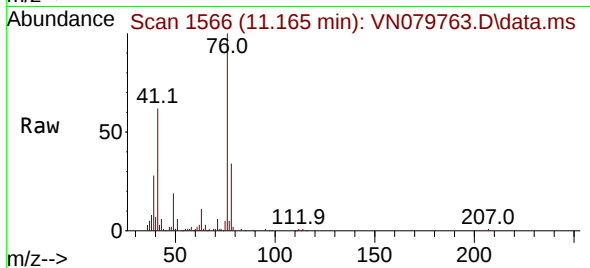
Tgt Ion:	69	Resp:	118887
Ion	Ratio	Lower	Upper
69	100		
41	64.4	39.6	59.4#
39	39.1	28.6	43.0





#57
1,3-Dichloropropane
Concen: 19.635 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

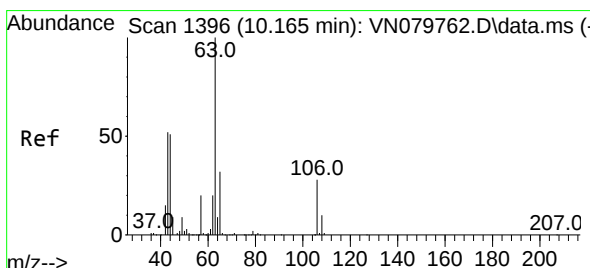
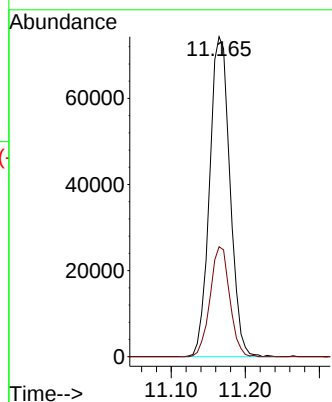
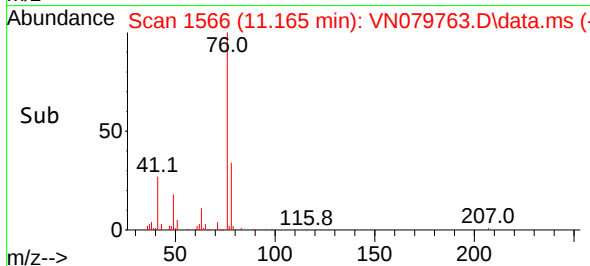
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



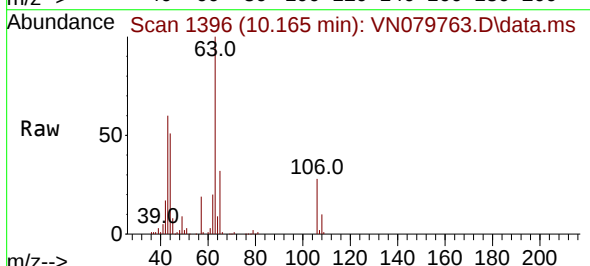
Tgt Ion: 76 Resp: 14187
Ion Ratio Lower Upper
76 100
78 33.1 26.1 39.1

Manual Integrations
APPROVED

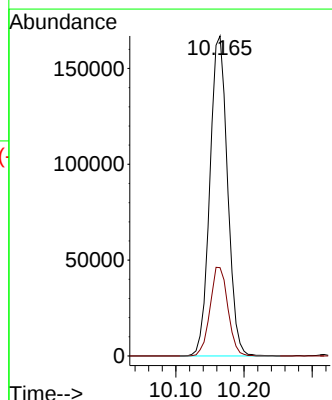
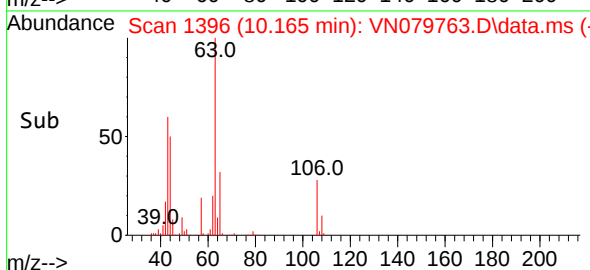
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

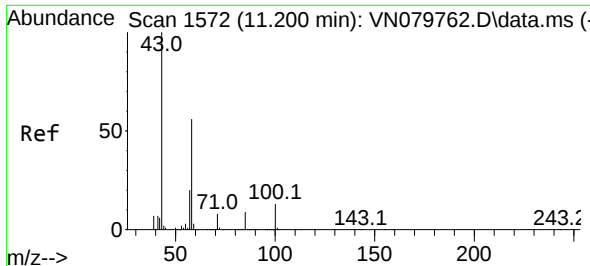


#58
2-Chloroethyl Vinyl ether
Concen: 101.592 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50



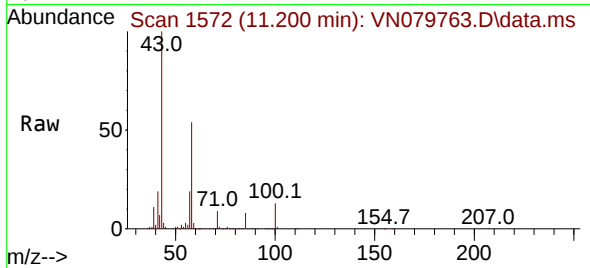
Tgt Ion: 63 Resp: 301070
Ion Ratio Lower Upper
63 100
106 28.0 26.2 39.4





#59
2-Hexanone
Concen: 101.388 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

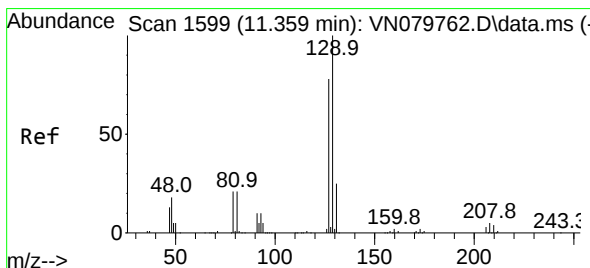
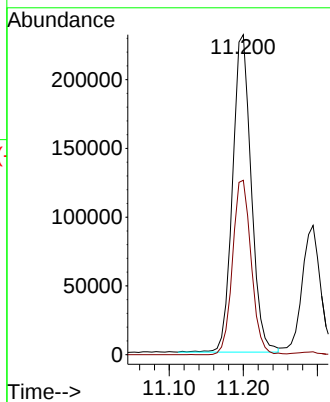
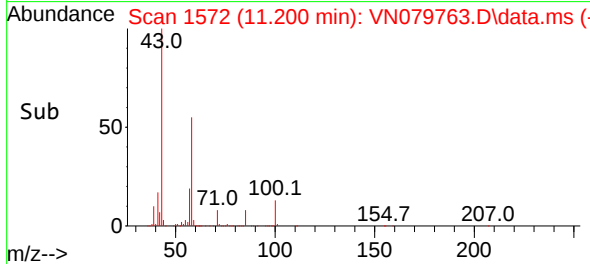
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 403100
Ion Ratio Lower Upper
43 100
58 55.0 31.7 95.1

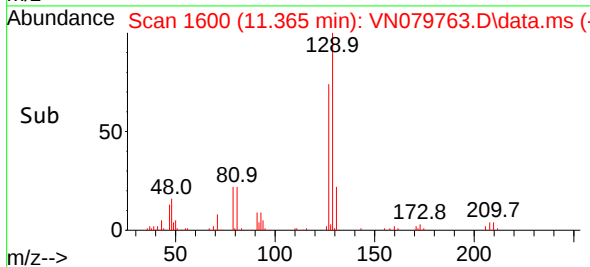
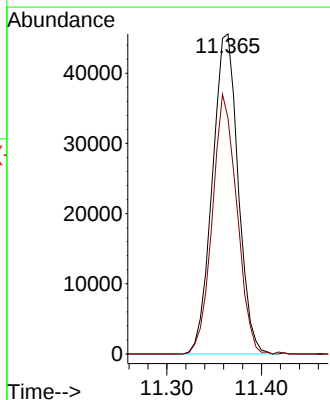
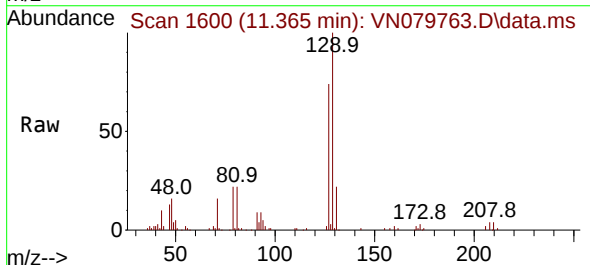
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#60
Dibromochloromethane
Concen: 19.647 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

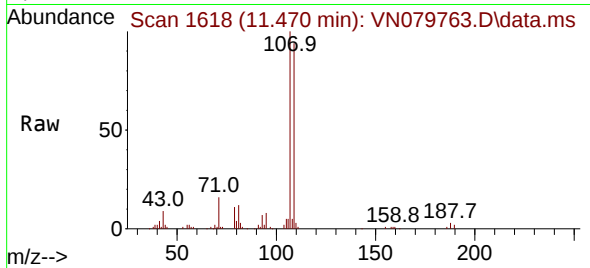
Tgt Ion:129 Resp: 86209
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.787 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

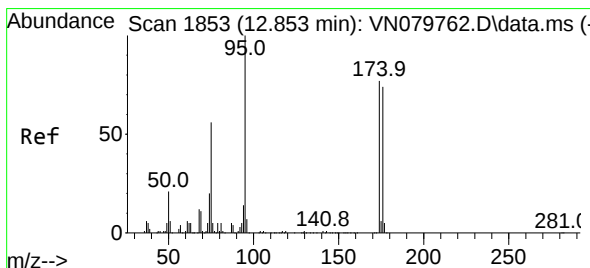
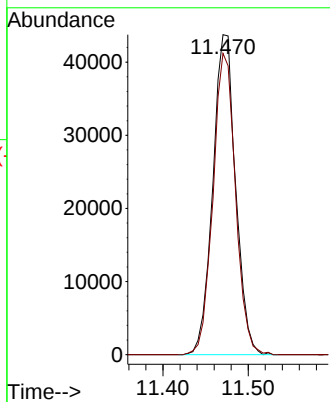
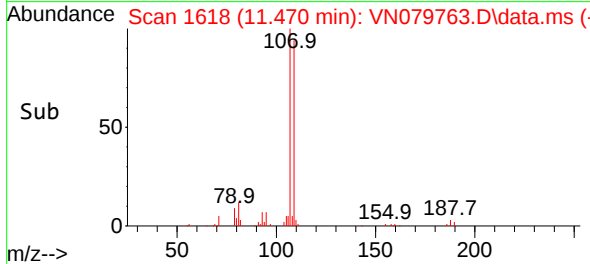
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



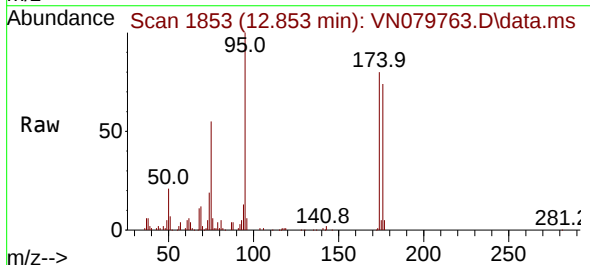
Tgt Ion:107 Resp: 8141
Ion Ratio Lower Upper
107 100
109 92.8 76.6 114.8

Manual Integrations
APPROVED

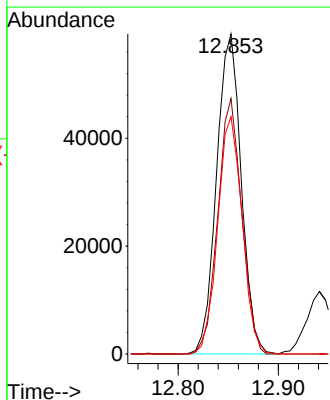
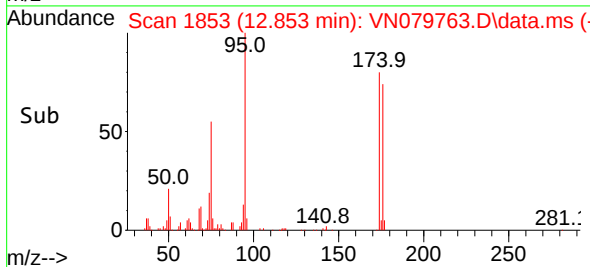
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

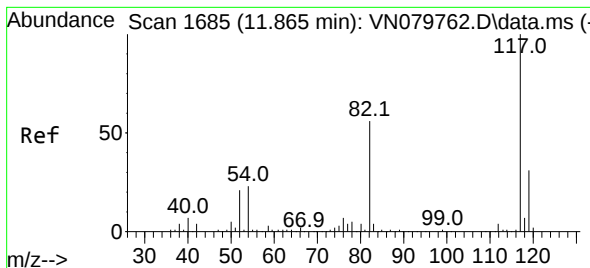


#62
4-Bromofluorobenzene
Concen: 20.671 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50



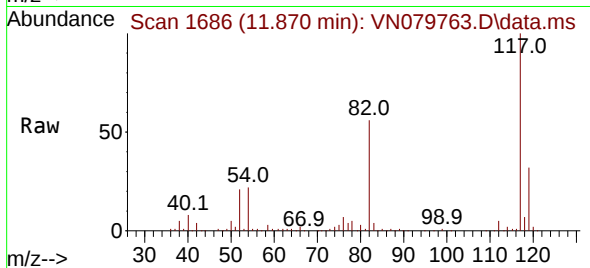
Tgt Ion: 95 Resp: 101450
Ion Ratio Lower Upper
95 100
174 77.5 0.0 143.8
176 73.4 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

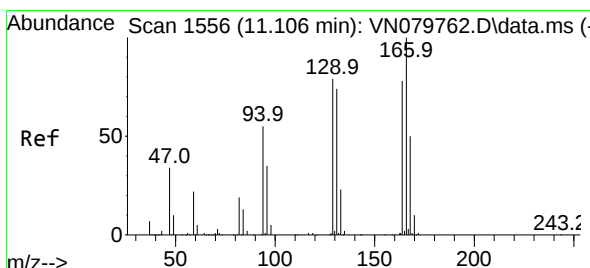
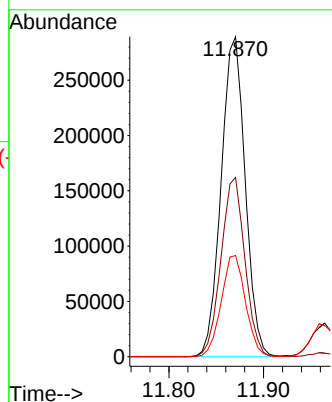
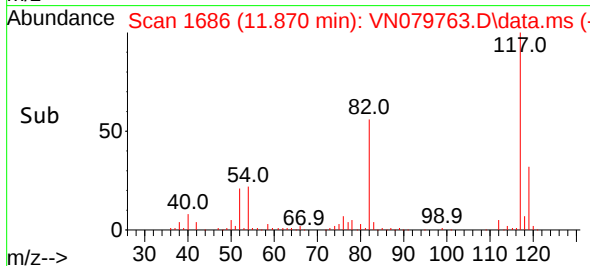
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



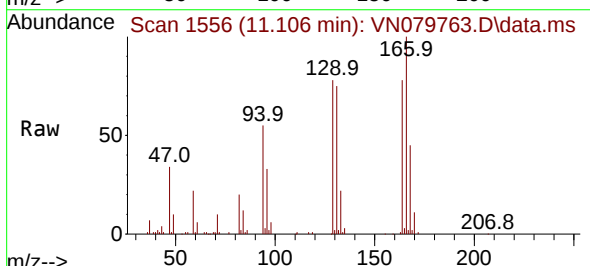
Tgt Ion:117 Resp: 51097
Ion Ratio Lower Upper
117 100
82 56.1 44.0 66.0
119 31.6 25.6 38.4

Manual Integrations
APPROVED

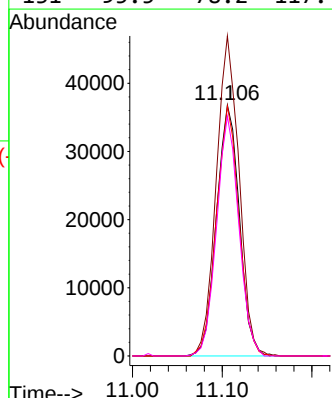
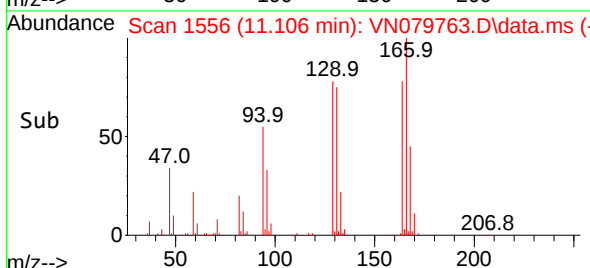
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

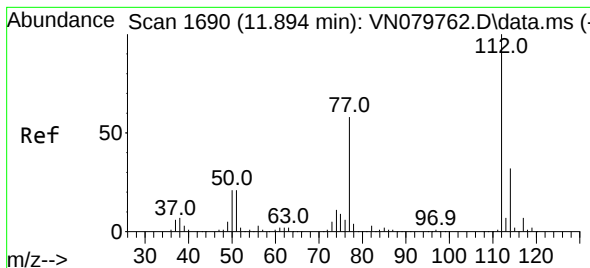


#64
Tetrachloroethene
Concen: 19.688 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50



Tgt Ion:164 Resp: 65154
Ion Ratio Lower Upper
164 100
166 127.5 101.4 152.0
129 99.6 82.4 123.6
131 95.5 78.2 117.4





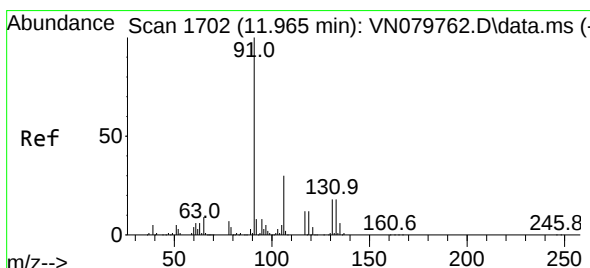
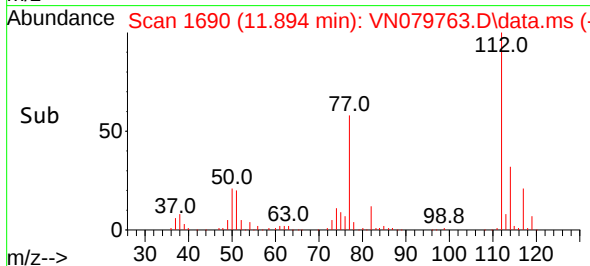
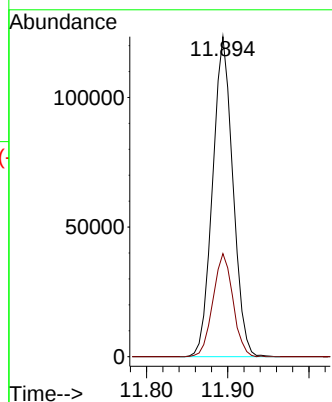
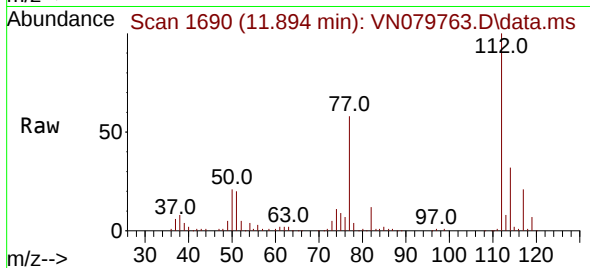
#65
Chlorobenzene
Concen: 19.338 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 214336
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.4

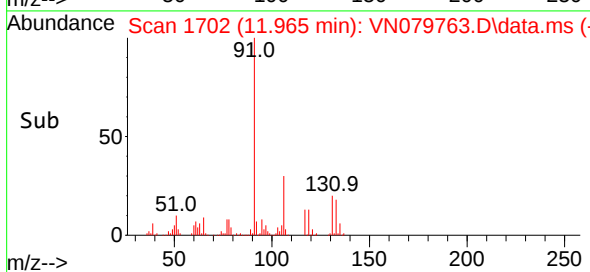
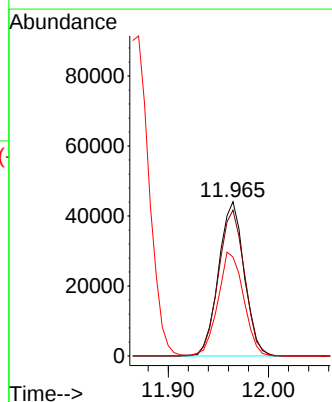
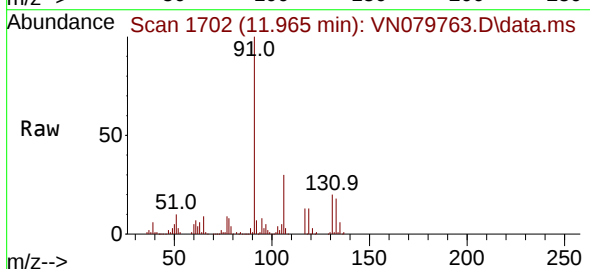
Manual Integrations
APPROVED

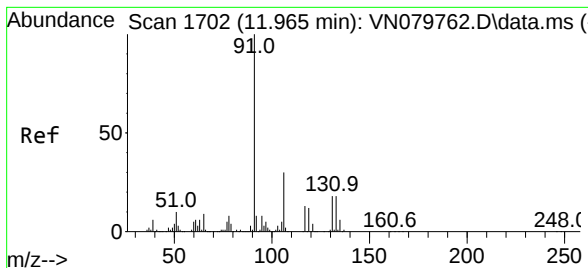
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.524 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

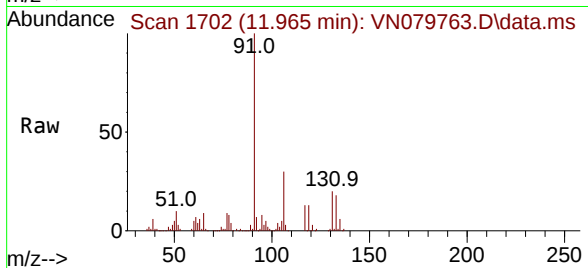
Tgt Ion:131 Resp: 77967
Ion Ratio Lower Upper
131 100
133 96.5 46.4 139.1
119 67.3 34.1 102.2





#67
Ethyl Benzene
Concen: 19.737 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

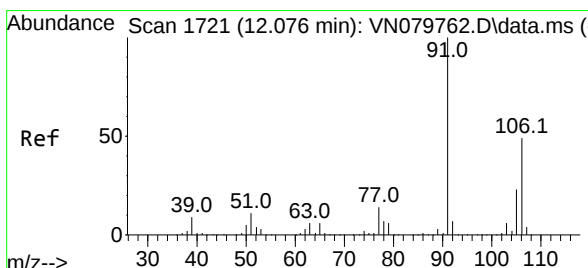
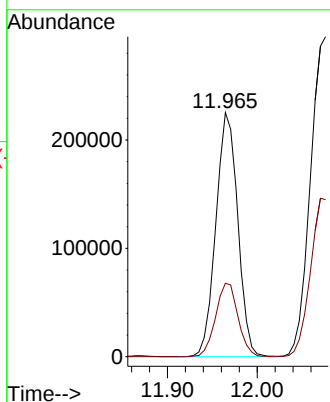
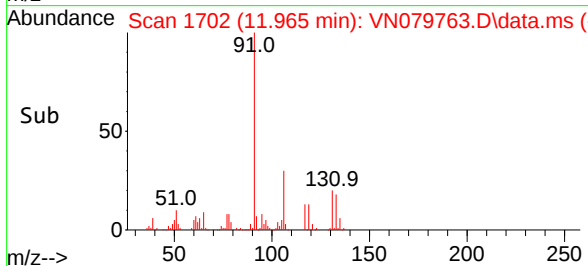
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



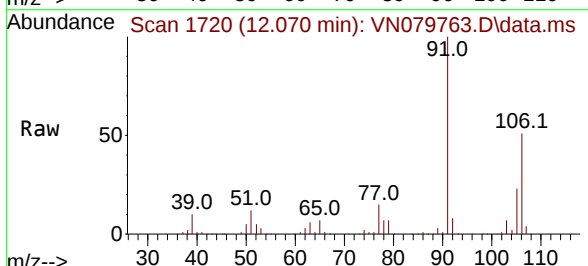
Tgt Ion: 91 Resp: 381133
Ion Ratio Lower Upper
91 100
106 30.1 25.6 38.4

Manual Integrations
APPROVED

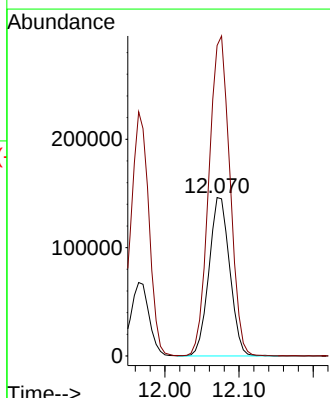
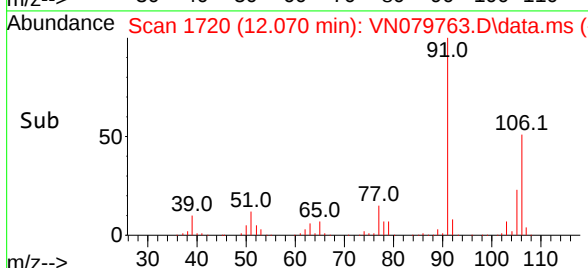
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

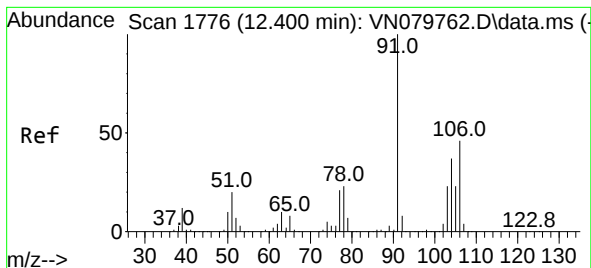


#68
m/p-Xylenes
Concen: 39.549 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50



Tgt Ion:106 Resp: 284505
Ion Ratio Lower Upper
106 100
91 204.1 159.6 239.4





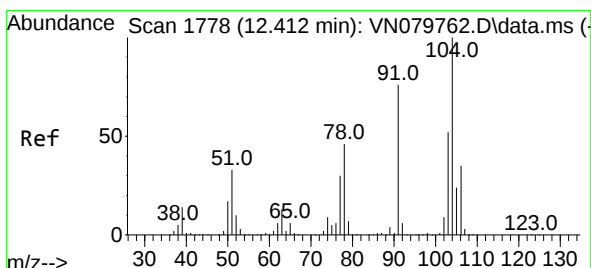
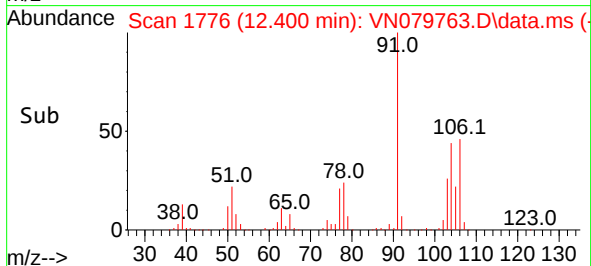
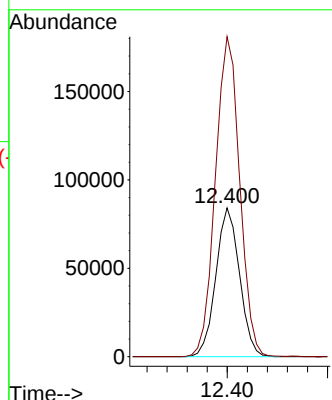
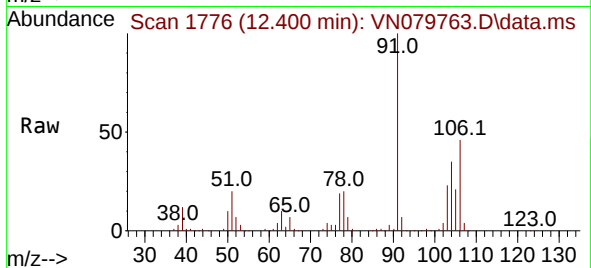
#69
o-Xylene
Concen: 19.834 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 137390
Ion Ratio Lower Upper
106 100
91 221.6 105.2 315.5

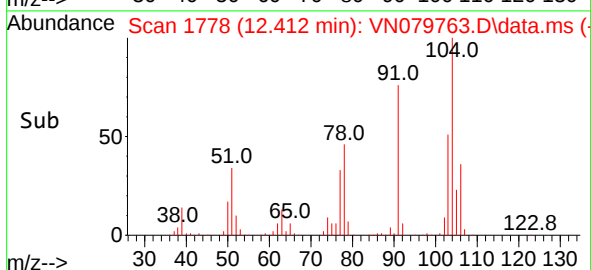
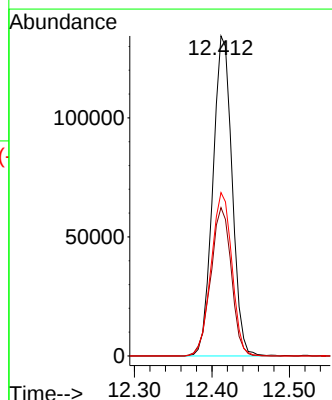
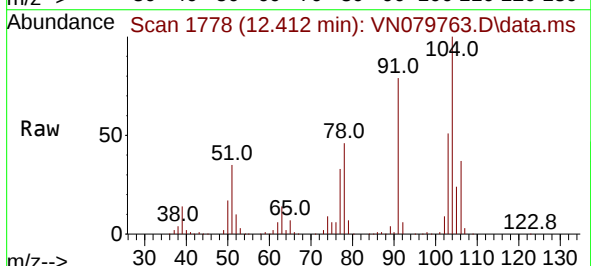
Manual Integrations
APPROVED

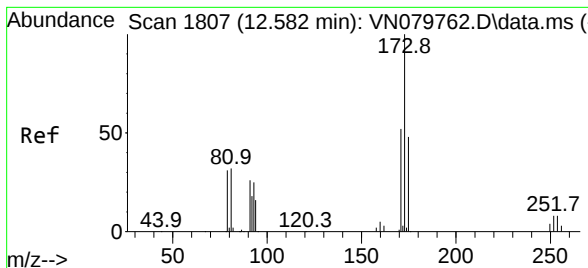
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#70
Styrene
Concen: 20.862 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

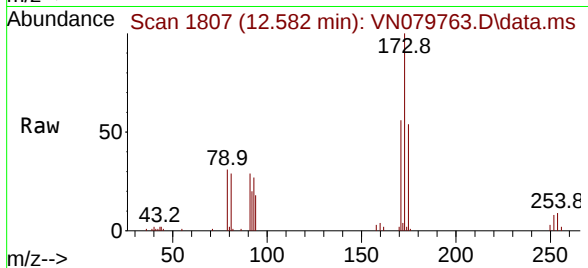
Tgt Ion:104 Resp: 232245
Ion Ratio Lower Upper
104 100
78 49.4 39.5 59.3
103 54.9 43.2 64.8





#71
Bromoform
Concen: 20.078 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

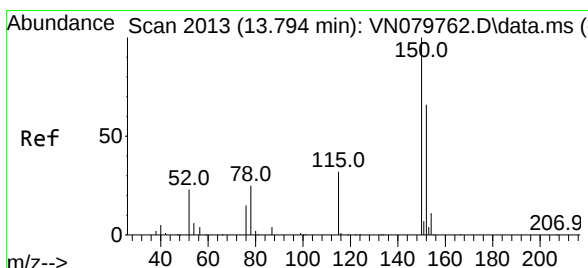
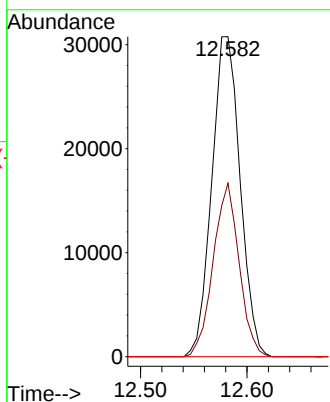
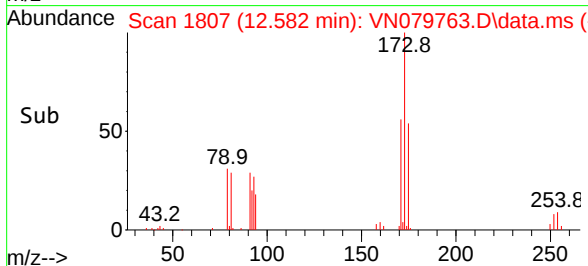
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



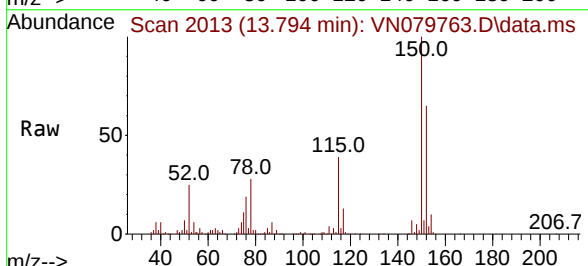
Tgt Ion:173 Resp: 56930
Ion Ratio Lower Upper
173 100
175 49.4 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

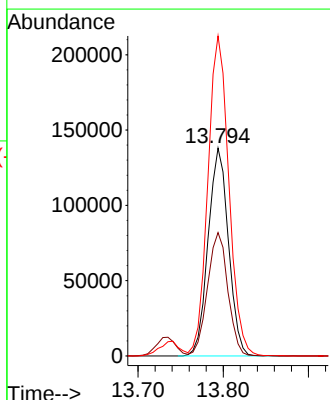
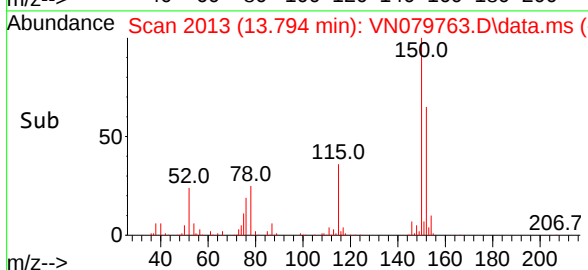
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

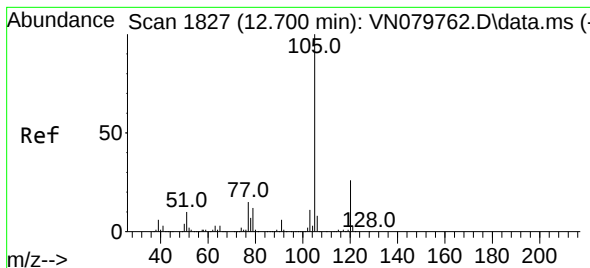


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50



Tgt Ion:152 Resp: 229243
Ion Ratio Lower Upper
152 100
115 59.5 32.3 96.8
150 158.9 0.0 355.8





#73

Isopropylbenzene

Concen: 20.113 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 349924

Ion Ratio Lower Upper

105 100

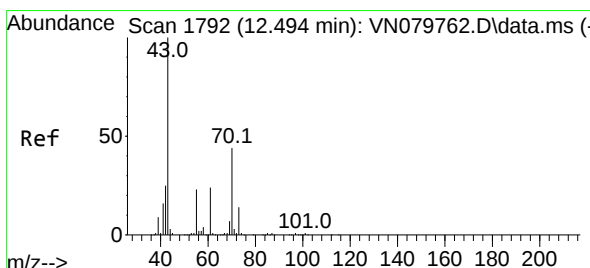
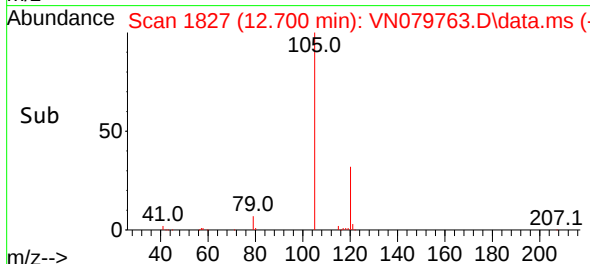
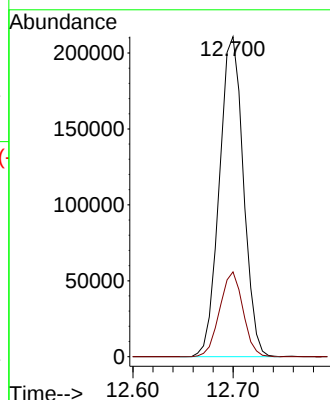
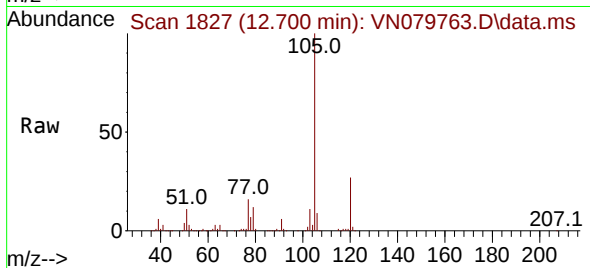
120 25.6 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#74

N-ethyl acetate

Concen: 20.288 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

Tgt Ion: 43 Resp: 154070

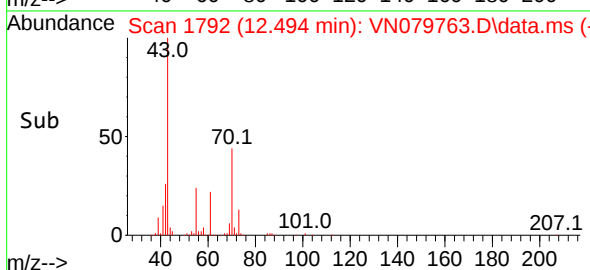
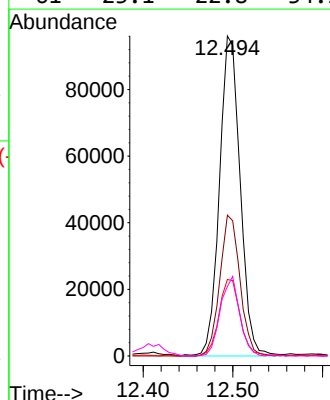
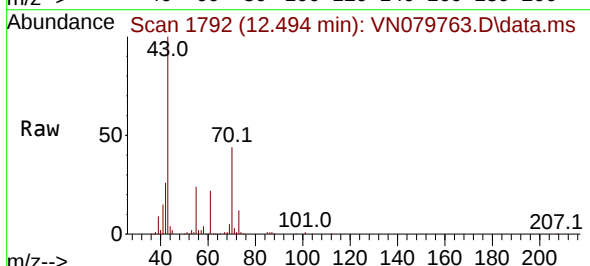
Ion Ratio Lower Upper

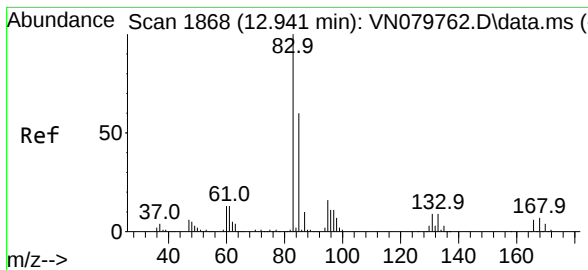
43 100

70 42.8 43.4 65.2#

55 24.3 21.4 32.0

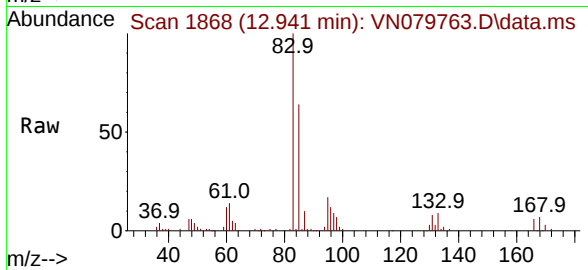
61 23.1 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.063 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

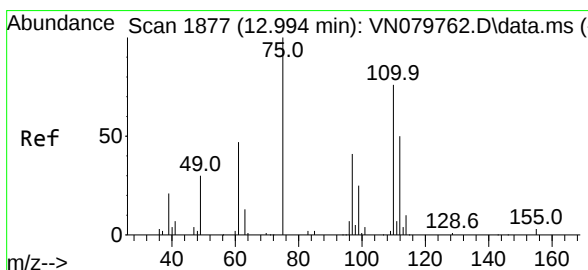
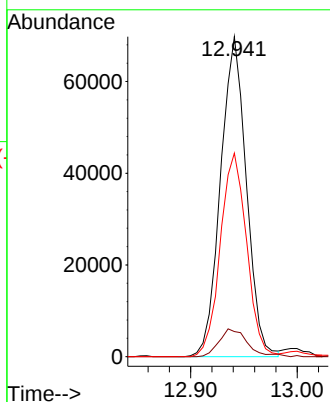
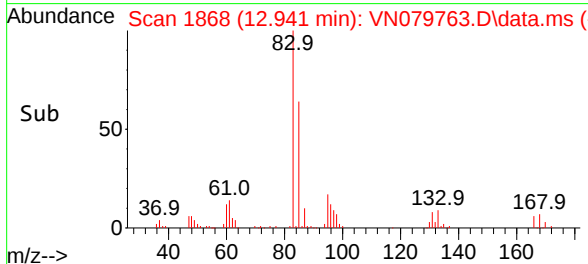
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



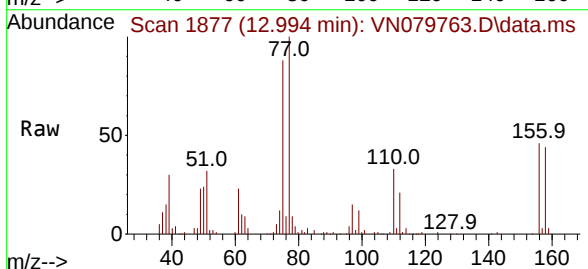
Tgt Ion: 83 Resp: 11759
Ion Ratio Lower Upper
83 100
131 9.5 5.0 15.0
85 64.8 31.9 95.7

Manual Integrations
APPROVED

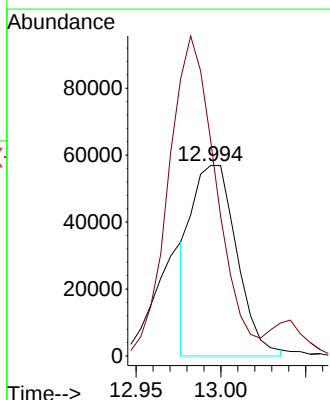
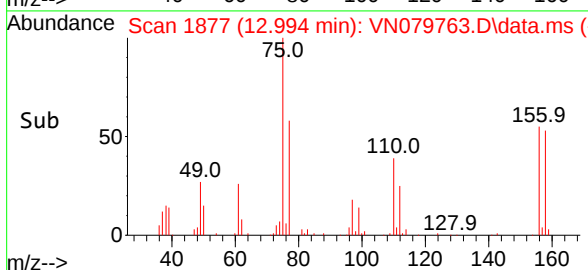
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

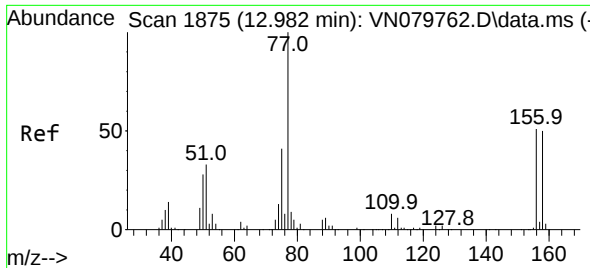


#76
1,2,3-Trichloropropane
Concen: 19.578 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50



Tgt Ion: 75 Resp: 105233
Ion Ratio Lower Upper
75 100
77 178.4 84.5 253.5





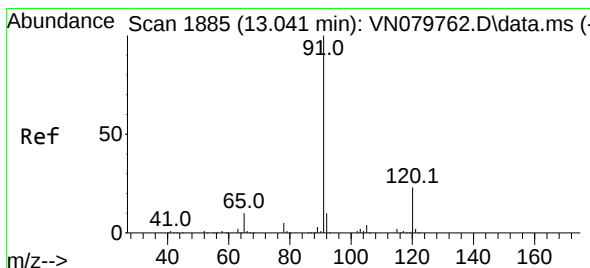
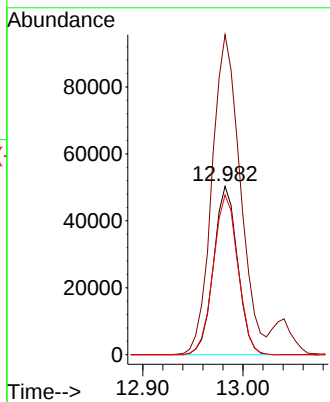
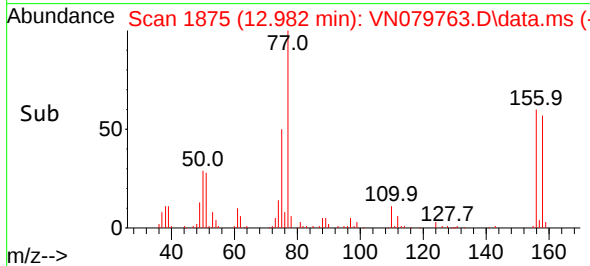
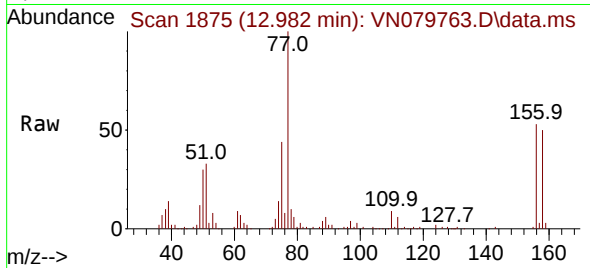
#77
Bromobenzene
Concen: 19.558 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 83308
Ion Ratio Lower Upper
156 100
77 225.4 107.7 323.3
158 97.7 48.4 145.3

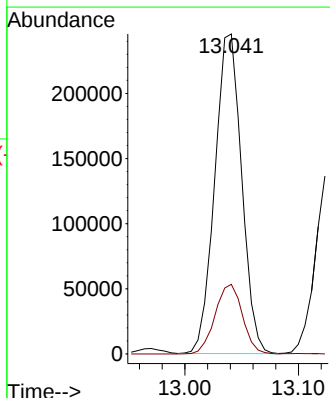
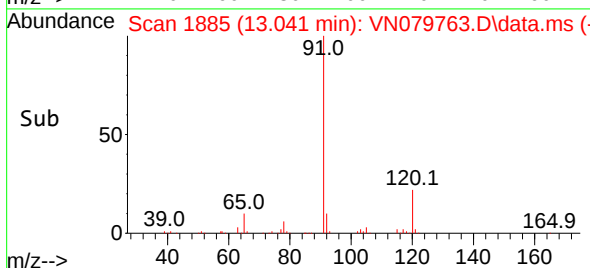
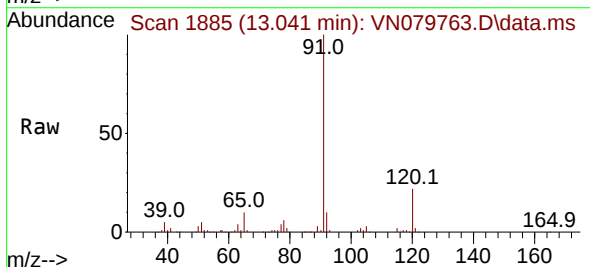
Manual Integrations
APPROVED

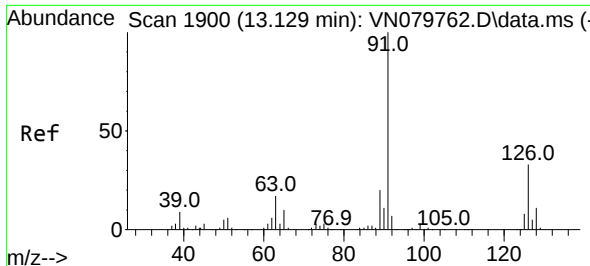
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#78
n-propylbenzene
Concen: 20.248 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Tgt Ion: 91 Resp: 403421
Ion Ratio Lower Upper
91 100
120 22.1 11.5 34.4





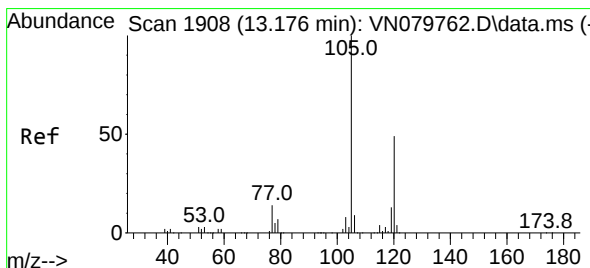
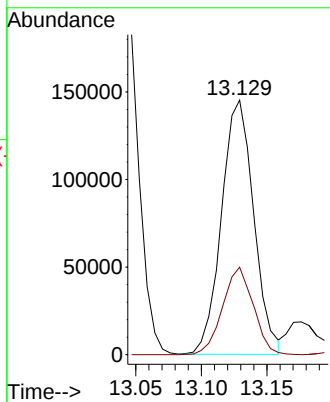
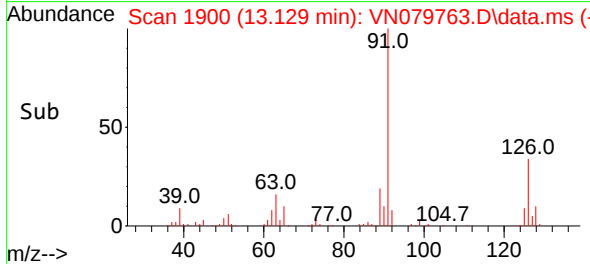
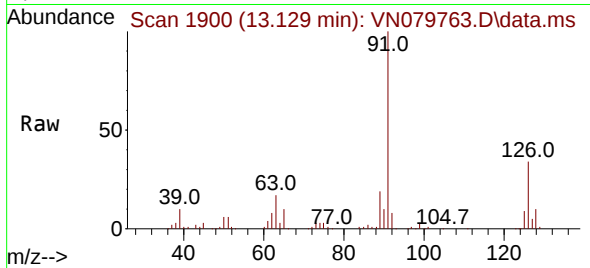
#79
2-Chlorotoluene
Concen: 19.499 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 248180
Ion Ratio Lower Upper
91 100
126 32.7 16.3 48.8

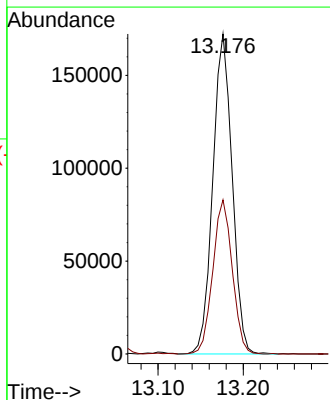
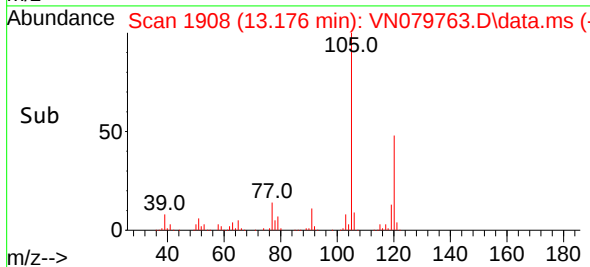
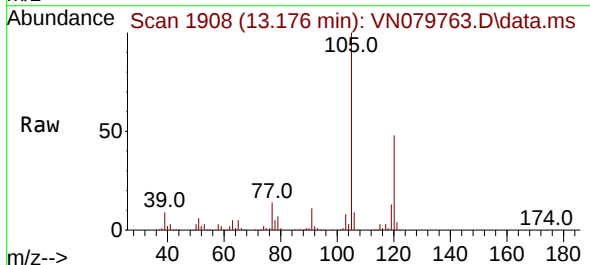
Manual Integrations
APPROVED

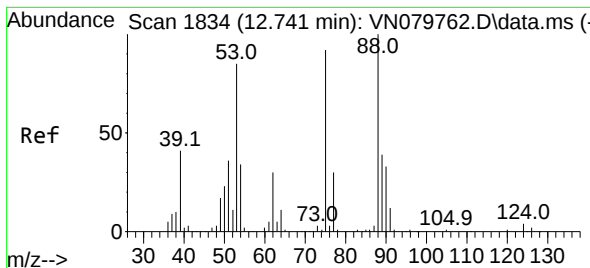
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.081 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Tgt Ion:105 Resp: 271827
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.3





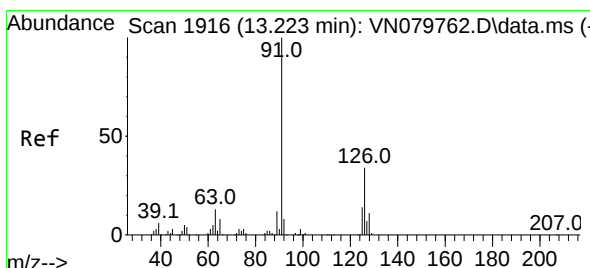
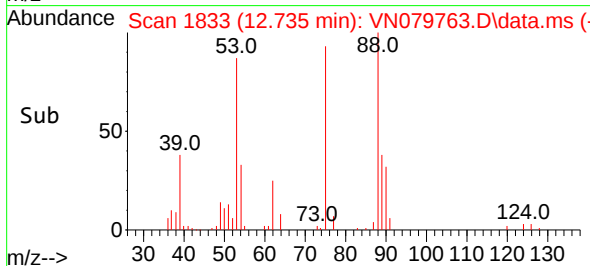
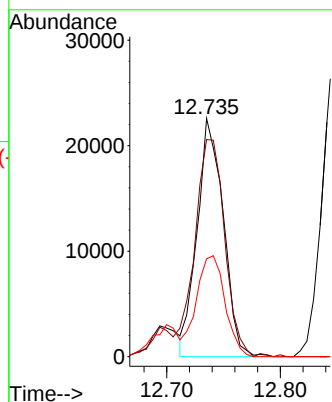
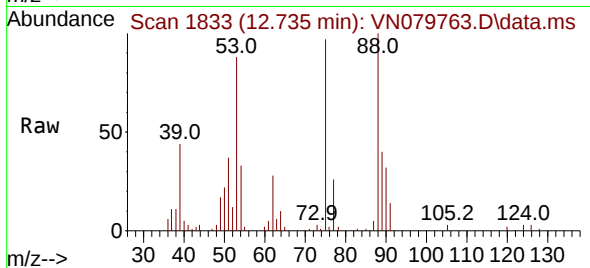
#81
trans-1,4-Dichloro-2-butene
Concen: 18.226 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 36052
Ion Ratio Lower Upper
75 100
53 114.9 67.4 101.2
89 46.6 38.8 58.2

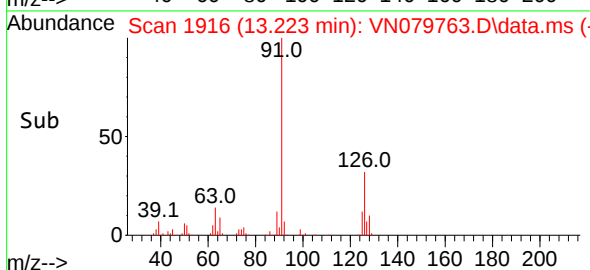
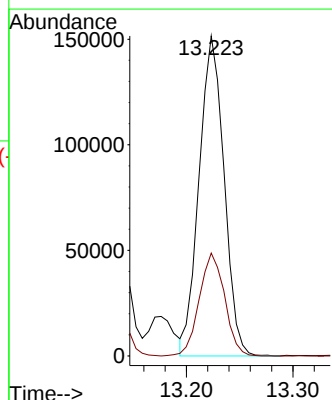
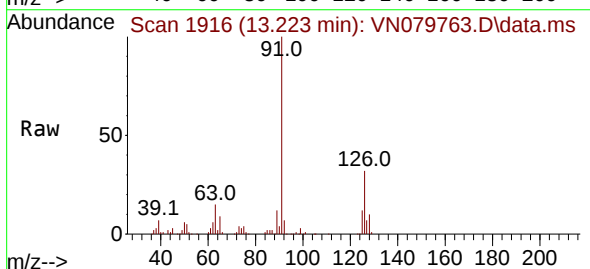
Manual Integrations
APPROVED

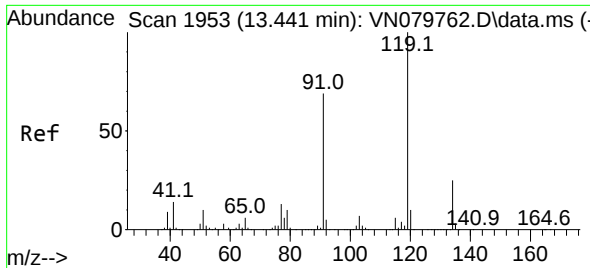
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#82
4-Chlorotoluene
Concen: 19.561 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

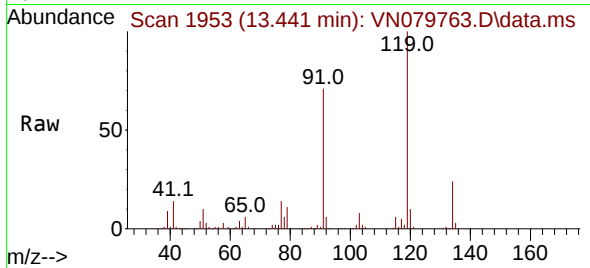
Tgt Ion: 91 Resp: 247402
Ion Ratio Lower Upper
91 100
126 32.7 16.7 50.0





#83
tert-Butylbenzene
Concen: 20.543 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

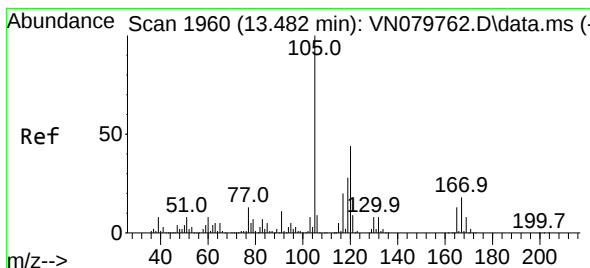
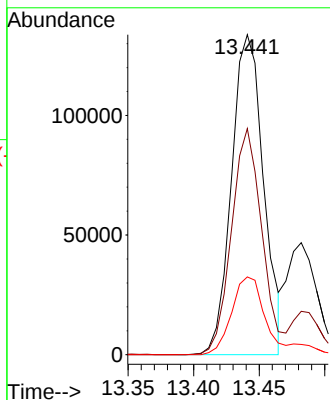
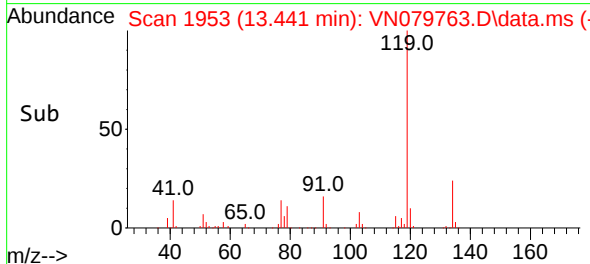
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



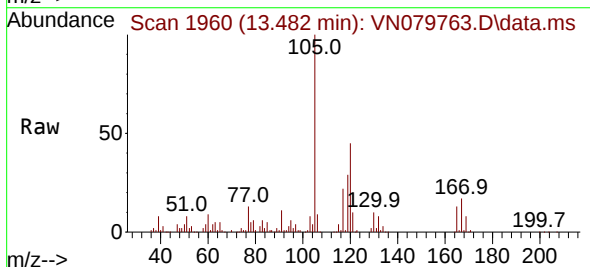
Tgt Ion:119 Resp: 22762
Ion Ratio Lower Upper
119 100
91 67.7 33.9 101.7
134 27.3 13.2 39.6

Manual Integrations
APPROVED

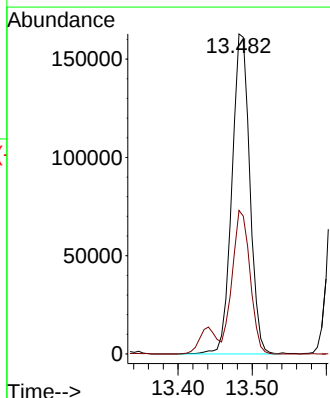
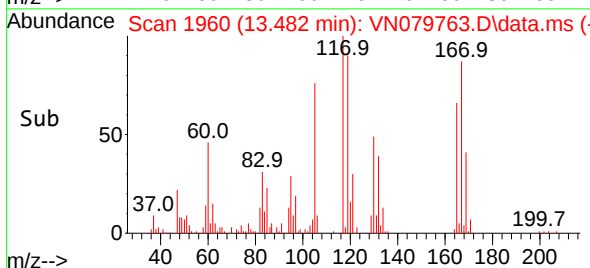
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

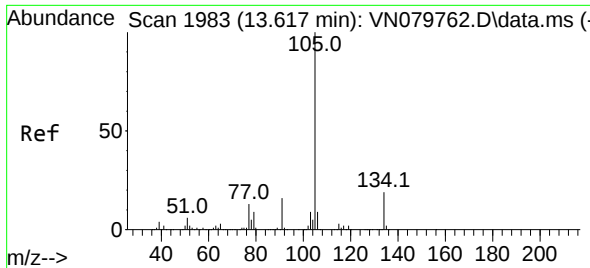


#84
1,2,4-Trimethylbenzene
Concen: 20.444 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50



Tgt Ion:105 Resp: 272272
Ion Ratio Lower Upper
105 100
120 44.6 22.0 66.0





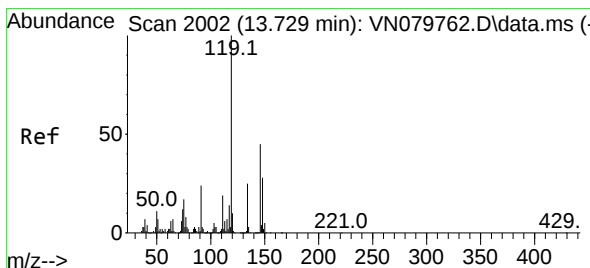
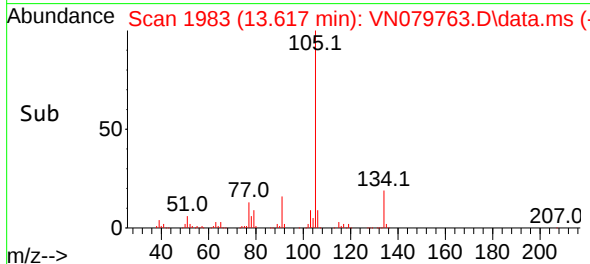
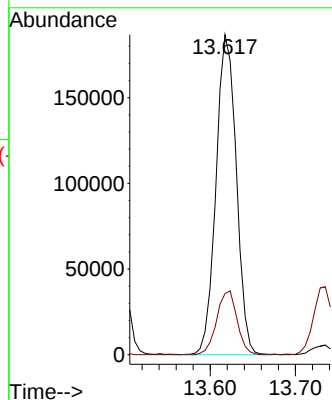
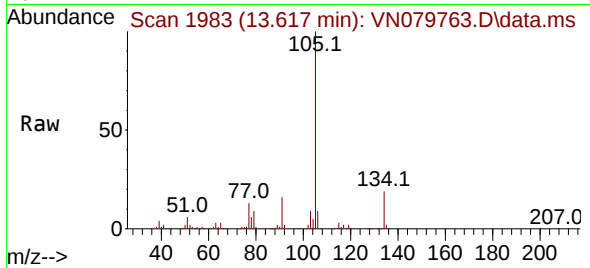
#85
 sec-Butylbenzene
 Concen: 20.127 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079763.D
 Acq: 01 Nov 2023 10:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 30897
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3

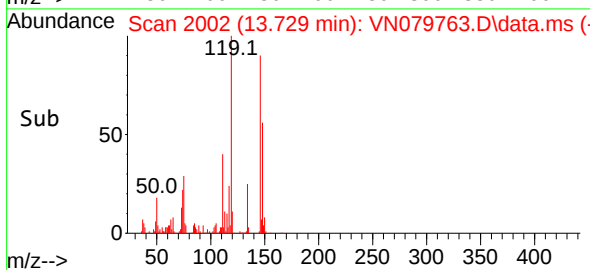
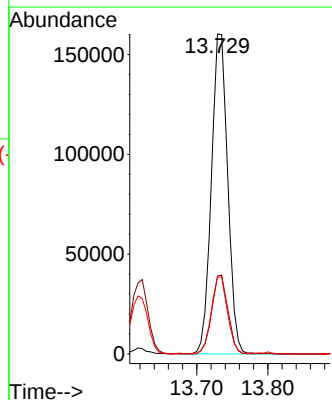
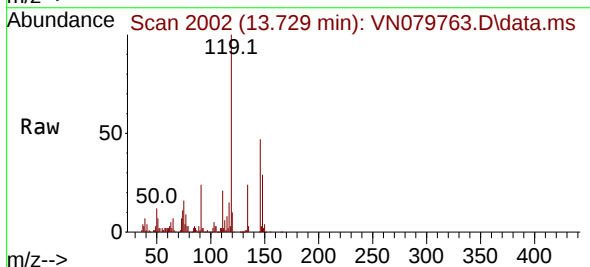
Manual Integrations
 APPROVED

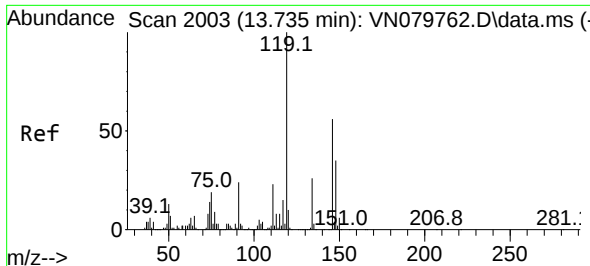
Reviewed By :John Carlone 11/02/2023
 Supervised By :Mahesh Dadoda 11/02/2023



#86
 p-Isopropyltoluene
 Concen: 20.466 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN079763.D
 Acq: 01 Nov 2023 10:50

Tgt Ion:119 Resp: 256144
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.6 37.8
 91 24.0 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 19.209 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

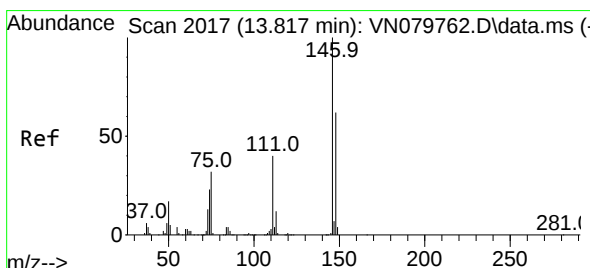
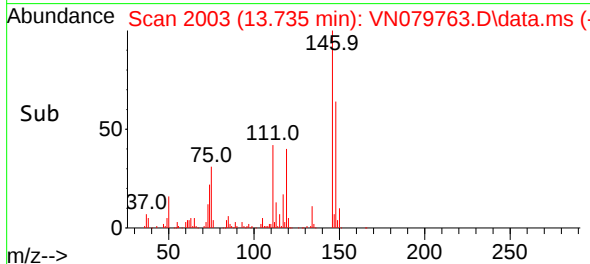
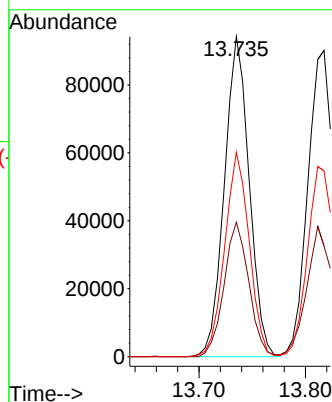
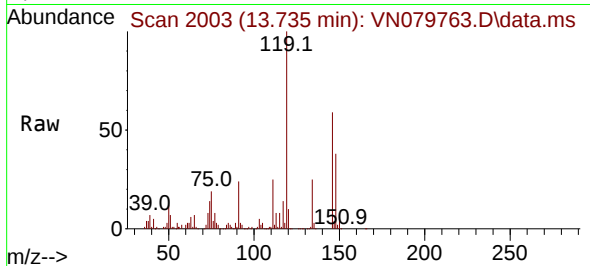
VSTDICC020

Tgt Ion:146 Resp: 15221
Ion Ratio Lower Upper
146 100
111 41.9 22.1 66.3
148 63.2 32.0 96.0

Manual Integrations

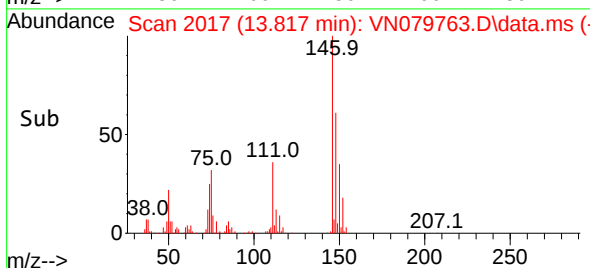
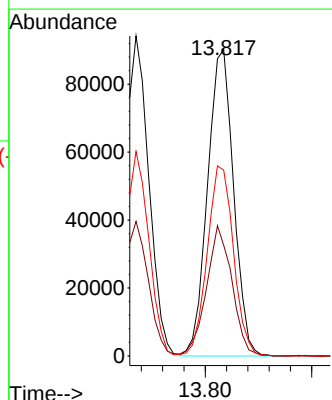
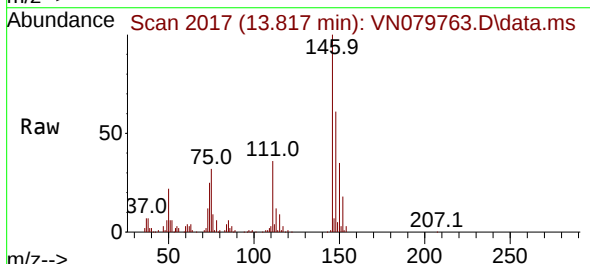
APPROVED

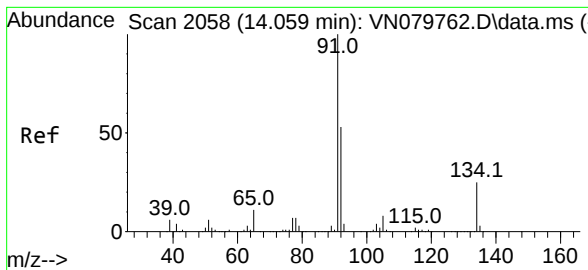
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#88
1,4-Dichlorobenzene
Concen: 19.047 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Tgt Ion:146 Resp: 153194
Ion Ratio Lower Upper
146 100
111 41.7 20.6 61.8
148 62.7 31.6 94.8





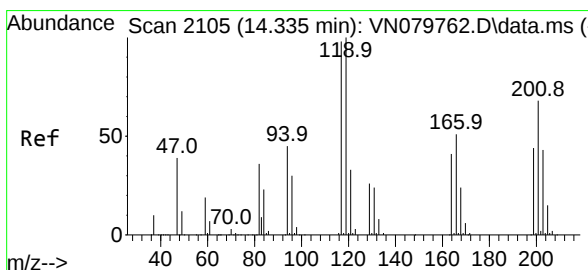
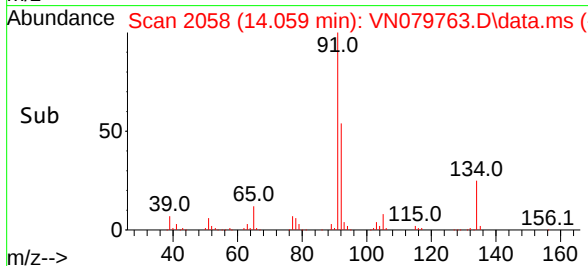
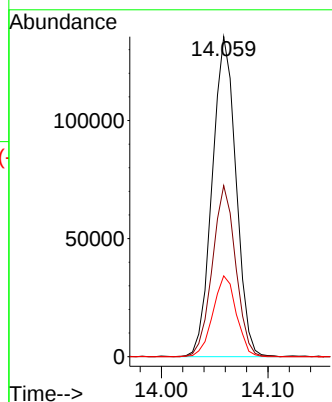
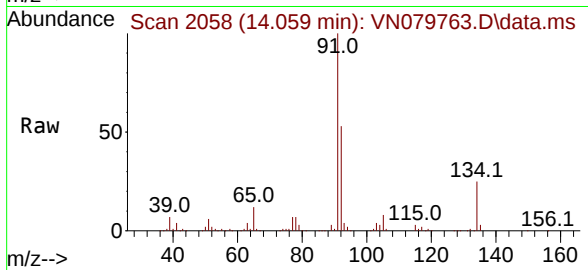
#89
n-Butylbenzene
Concen: 19.472 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 20990
Ion Ratio Lower Upper
91 100
92 52.4 26.4 79.0
134 24.9 12.6 37.6

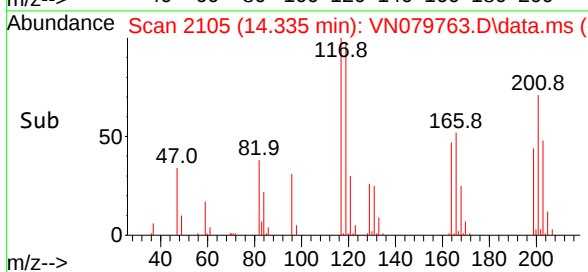
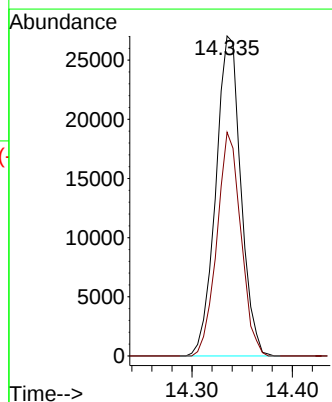
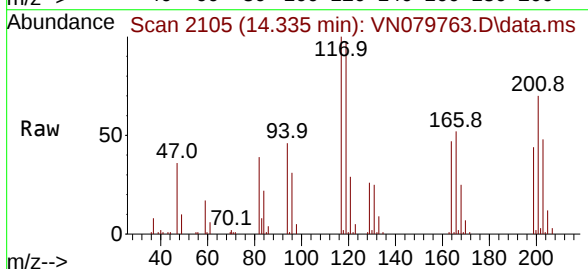
Manual Integrations
APPROVED

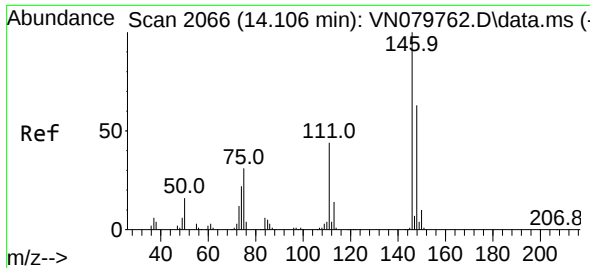
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#90
Hexachloroethane
Concen: 18.977 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

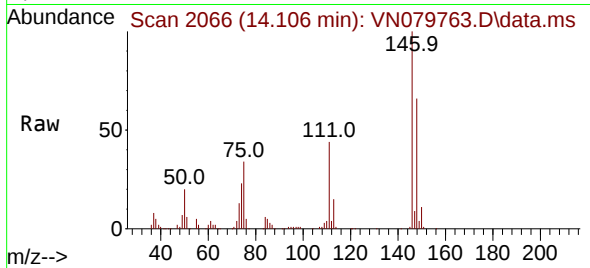
Tgt Ion:117 Resp: 47039
Ion Ratio Lower Upper
117 100
201 66.7 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 19.581 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

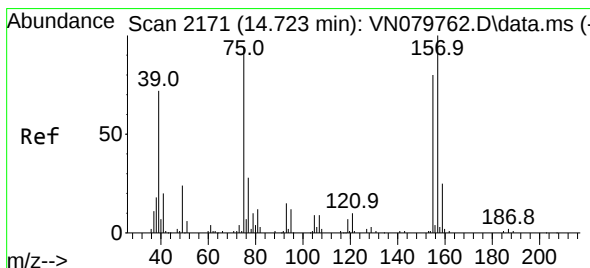
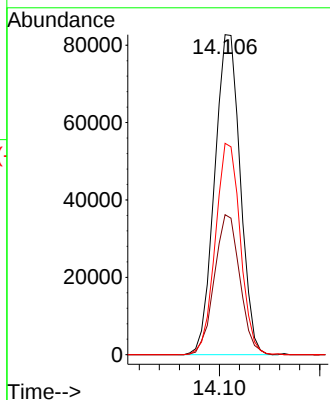
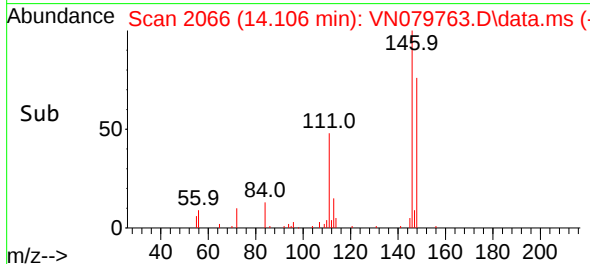
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:146 Resp: 14647
Ion Ratio Lower Upper
146 100
111 43.6 22.0 66.0
148 64.2 31.8 95.3

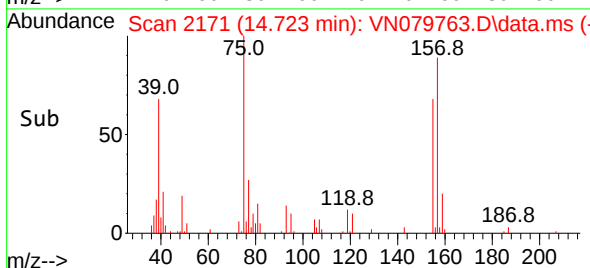
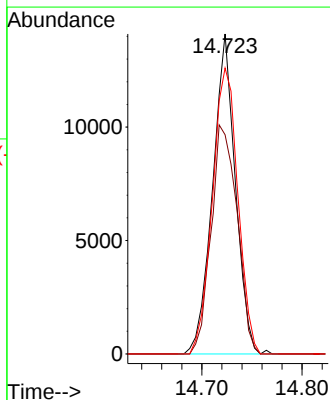
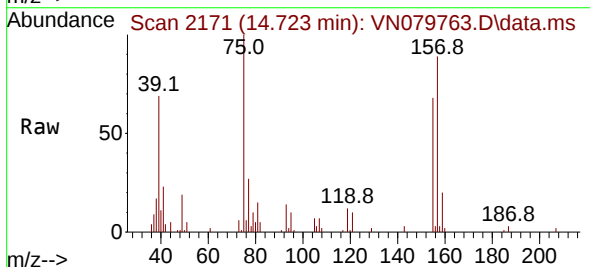
Manual Integrations
APPROVED

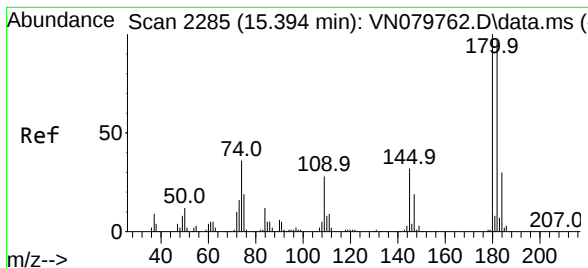
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.221 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Tgt Ion: 75 Resp: 22199
Ion Ratio Lower Upper
75 100
155 82.1 39.1 117.2
157 100.4 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 19.828 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

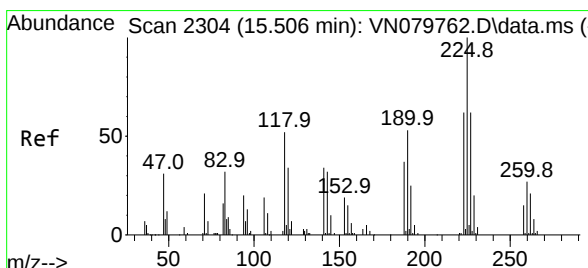
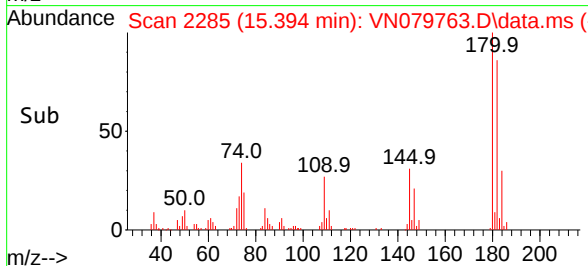
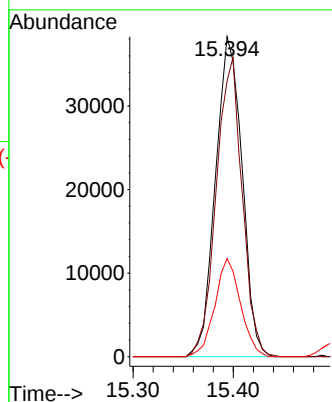
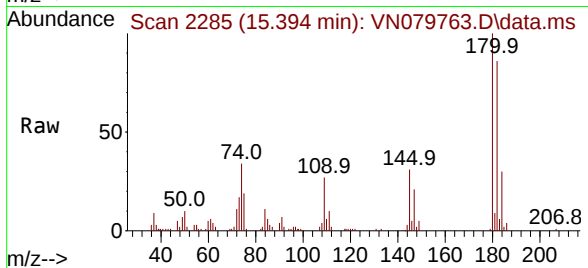
Tgt Ion:	180	Resp:	7052
Ion Ratio	Lower	Upper	
180	100		
182	91.1	46.1	138.2
145	29.6	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#94

Hexachlorobutadiene

Concen: 18.624 ug/l

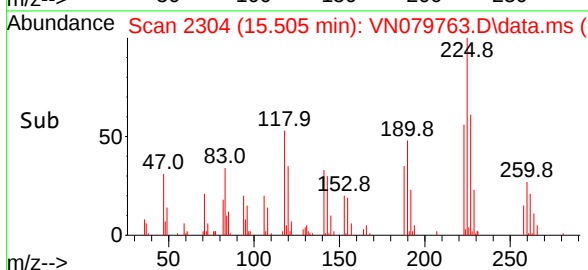
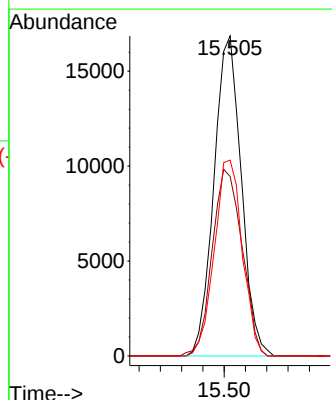
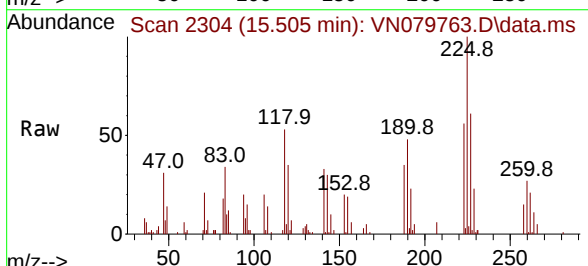
RT: 15.505 min Scan# 2304

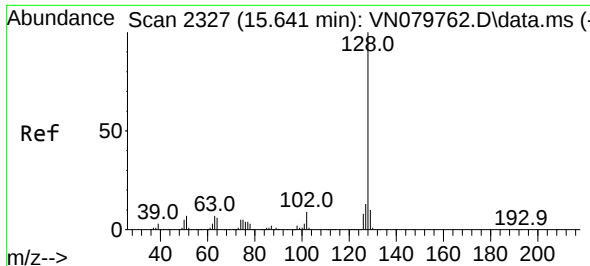
Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

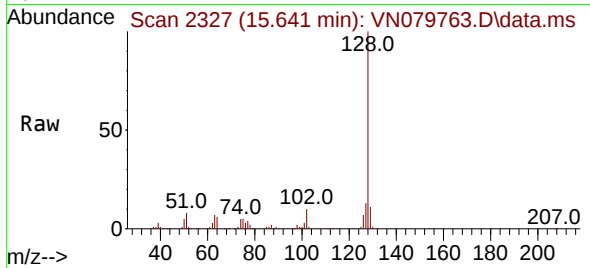
Tgt Ion:	225	Resp:	30029
Ion Ratio	Lower	Upper	
225	100		
223	63.9	31.3	93.8
227	62.5	31.9	95.9





#95
Naphthalene
Concen: 19.727 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

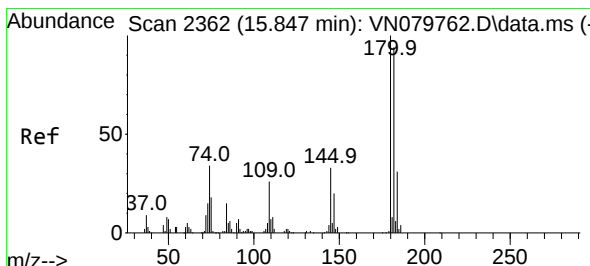
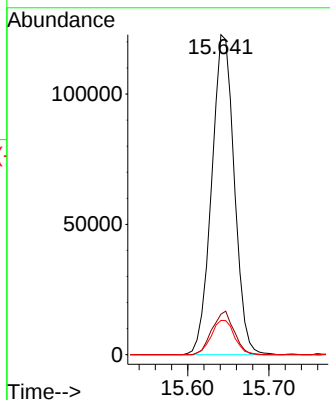
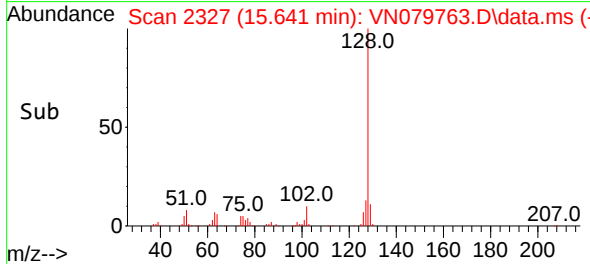
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:128 Resp: 237945
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.939 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Tgt Ion:180 Resp: 69515
Ion Ratio Lower Upper
180 100
182 93.5 46.2 138.6
145 32.9 17.5 52.6

