

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083744.D
 Acq On : 10 Sep 2024 09:56
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/11/2024
 Supervised By : Semsettin Yesilyurt 09/11/2024

Quant Time: Sep 10 10:35:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 10:34:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	166235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	289856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	250204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	115572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	48361	20.816	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	41.640%#		
35) Dibromofluoromethane	8.165	113	35608	20.411	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.820%#		
50) Toluene-d8	10.565	98	125940	20.129	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	40.260%#		
62) 4-Bromofluorobenzene	12.847	95	49404	19.631	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	39.260%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	36314	20.641	ug/l	97
3) Chloromethane	2.359	50	36685	17.900	ug/l	96
4) Vinyl Chloride	2.512	62	38791	18.912	ug/l	100
5) Bromomethane	2.901	94	21679	20.106	ug/l	99
6) Chloroethane	3.071	64	27024	20.162	ug/l	97
7) Trichlorofluoromethane	3.465	101	64554	19.112	ug/l	98
8) Diethyl Ether	3.953	74	21759	18.020	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.359	101	35174	19.202	ug/l	99
10) Methyl Iodide	4.583	142	44592	17.996	ug/l	97
11) Tert butyl alcohol	5.530	59	28759	79.391	ug/l #	89
12) 1,1-Dichloroethene	4.324	96	33017	18.130	ug/l	93
13) Acrolein	4.171	56	28384	82.822	ug/l	98
14) Allyl chloride	5.012	41	59397	18.293	ug/l	98
15) Acrylonitrile	5.718	53	82736	92.614	ug/l	99
16) Acetone	4.430	43	82975	89.559	ug/l	97
17) Carbon Disulfide	4.700	76	91754	17.289	ug/l	98
18) Methyl Acetate	5.024	43	40802	16.560	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	118561	18.354	ug/l	99
20) Methylene Chloride	5.271	84	36677	17.927	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	34418	18.144	ug/l	93
22) Diisopropyl ether	6.665	45	120044	18.750	ug/l	96
23) Vinyl Acetate	6.600	43	444933	93.775	ug/l	98
24) 1,1-Dichloroethane	6.565	63	68708	18.818	ug/l	95
25) 2-Butanone	7.483	43	114121	90.469	ug/l	98
26) 2,2-Dichloropropane	7.483	77	62400	18.357	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	41954	18.534	ug/l	98
28) Bromochloromethane	7.812	49	53598	31.436	ug/l	97
29) Tetrahydrofuran	7.841	42	70914	90.632	ug/l	97
30) Chloroform	7.965	83	71173	18.502	ug/l	95
31) Cyclohexane	8.253	56	63135	17.568	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	66850	19.219	ug/l	99
36) 1,1-Dichloropropene	8.365	75	49788	18.710	ug/l	98
37) Ethyl Acetate	7.559	43	48600	18.351	ug/l	97
38) Carbon Tetrachloride	8.359	117	57424	18.914	ug/l	98
39) Methylcyclohexane	9.600	83	57763	18.090	ug/l	98
40) Benzene	8.600	78	153284	18.725	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083744.D
 Acq On : 10 Sep 2024 09:56
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Sep 10 10:35:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 10:34:02 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/11/2024
 Supervised By :Semsettin Yesilyurt 09/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	26216	17.347	ug/l	95
42) 1,2-Dichloroethane	8.665	62	57025	18.793	ug/l	99
43) Isopropyl Acetate	8.688	43	81557	12.209	ug/l	97
44) Trichloroethene	9.347	130	34769	17.657	ug/l	92
45) 1,2-Dichloropropane	9.618	63	36820	19.309	ug/l	98
46) Dibromomethane	9.706	93	26819	19.064	ug/l	97
47) Bromodichloromethane	9.888	83	56752	18.951	ug/l	93
48) Methyl methacrylate	9.683	41	38118	17.548	ug/l	97
49) 1,4-Dioxane	9.700	88	12461	350.099	ug/l #	94
51) 4-Methyl-2-Pentanone	10.441	43	223322	90.703	ug/l	98
52) Toluene	10.630	92	92465	18.061	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	56607	18.259	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	59309	18.226	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	33803	18.499	ug/l	99
56) Ethyl methacrylate	10.871	69	54996	18.193	ug/l	98
57) 1,3-Dichloropropane	11.159	76	59922	18.523	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	76178	57.996	ug/l	100
59) 2-Hexanone	11.194	43	166457	90.086	ug/l	98
60) Dibromochloromethane	11.359	129	39322	18.572	ug/l	97
61) 1,2-Dibromoethane	11.471	107	33980	18.202	ug/l	99
64) Tetrachloroethene	11.100	164	29225	17.770	ug/l	98
65) Chlorobenzene	11.888	112	99047	17.652	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	34533	18.228	ug/l	99
67) Ethyl Benzene	11.965	91	180186	17.990	ug/l	99
68) m/p-Xylenes	12.071	106	131781	34.925	ug/l	99
69) o-Xylene	12.394	106	65163	17.868	ug/l	99
70) Styrene	12.412	104	106635	17.390	ug/l	97
71) Bromoform	12.576	173	23098	17.117	ug/l #	94
73) Isopropylbenzene	12.694	105	169333	18.102	ug/l	99
74) N-amyl acetate	12.494	43	70708	17.415	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	47879	18.030	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	40051m	17.164	ug/l	
77) Bromobenzene	12.982	156	38905	17.728	ug/l	97
78) n-propylbenzene	13.035	91	194039	17.942	ug/l	100
79) 2-Chlorotoluene	13.123	91	124744	17.800	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	140701	17.855	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	19142	19.349	ug/l	91
82) 4-Chlorotoluene	13.218	91	125803	17.670	ug/l	100
83) tert-Butylbenzene	13.435	119	123811	17.672	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	144269	18.189	ug/l	99
85) sec-Butylbenzene	13.618	105	162813	17.484	ug/l	99
86) p-Isopropyltoluene	13.729	119	135479	17.419	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	73759	17.314	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	75199	17.179	ug/l	98
89) n-Butylbenzene	14.059	91	121438	17.750	ug/l	98
90) Hexachloroethane	14.329	117	26705	17.640	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	71804	17.502	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10057	17.462	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	40384	17.359	ug/l	98
94) Hexachlorobutadiene	15.500	225	17260	18.526	ug/l	97
95) Naphthalene	15.641	128	126764	16.959	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	39979	17.203	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
Data File : VN083744.D
Acq On : 10 Sep 2024 09:56
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

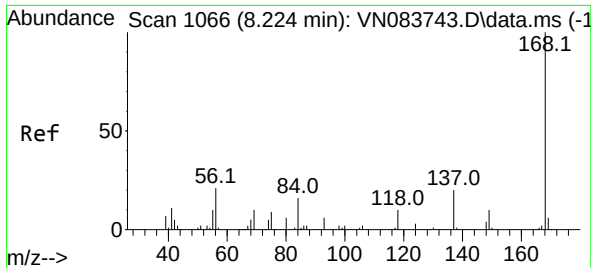
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

Quant Time: Sep 10 10:35:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 10:34:02 2024
Response via : Initial Calibration

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

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

Instrument :

MSVOA_N

ClientSampleId :

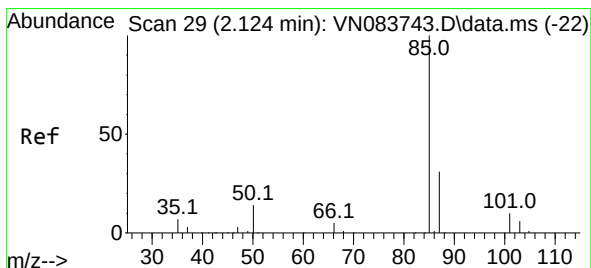
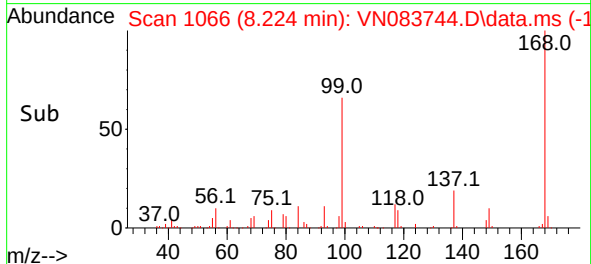
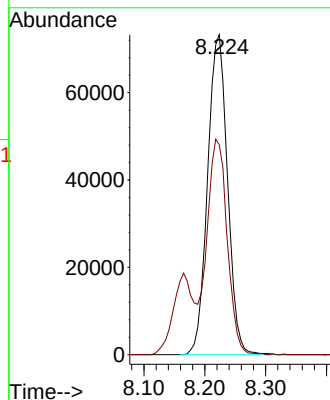
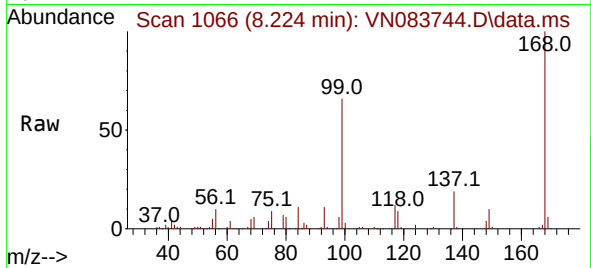
VSTDIC020

Tgt Ion:168 Resp: 166235
Ion Ratio Lower Upper
168 100
99 65.7 54.2 81.2

Manual Integrations

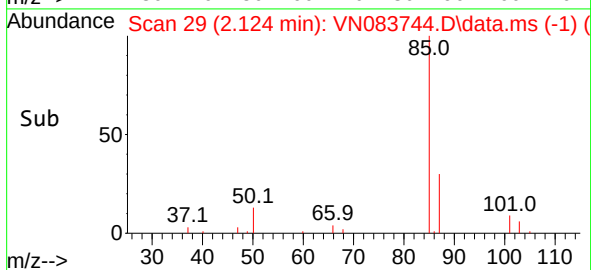
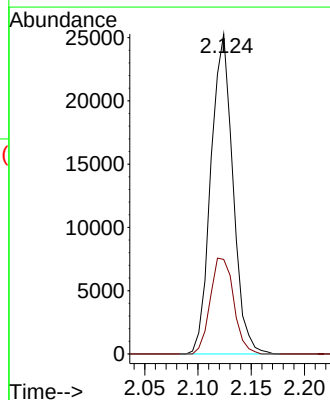
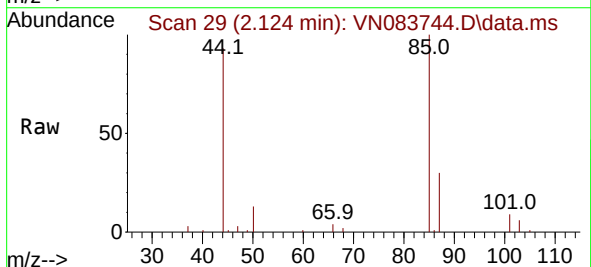
APPROVED

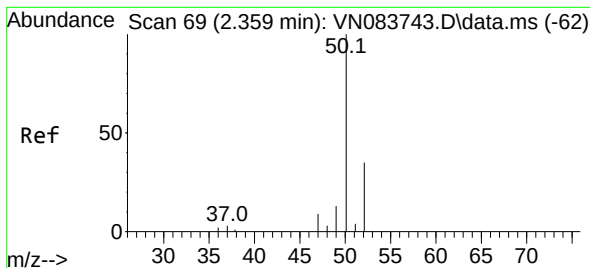
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#2
Dichlorodifluoromethane
Concen: 20.641 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

Tgt Ion: 85 Resp: 36314
Ion Ratio Lower Upper
85 100
87 29.6 15.7 47.0





#3

Chloromethane

Concen: 17.900 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN083744.D

Acq: 10 Sep 2024 09:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 50 Resp: 3668

Ion Ratio Lower Upper

50 100

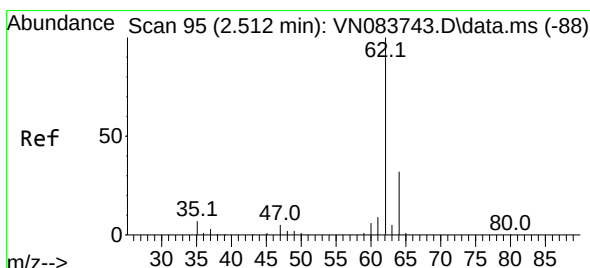
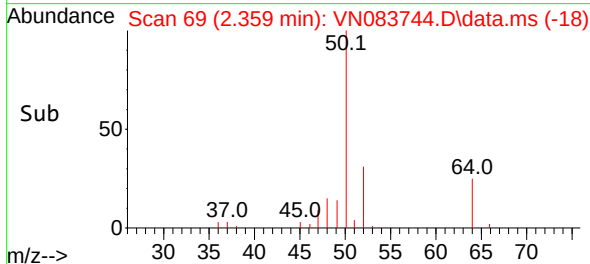
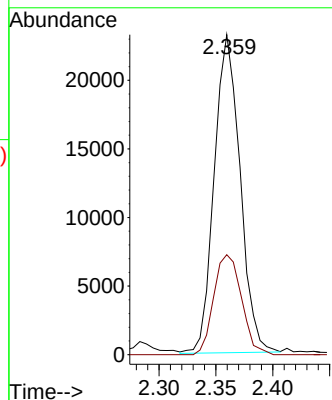
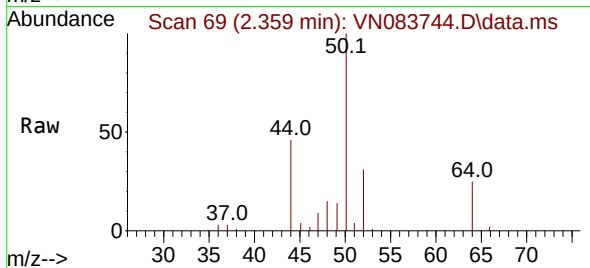
52 31.5 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#4

Vinyl Chloride

Concen: 18.912 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN083744.D

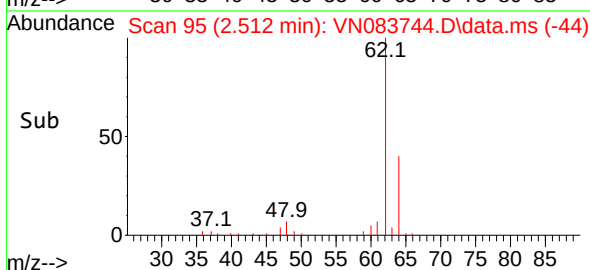
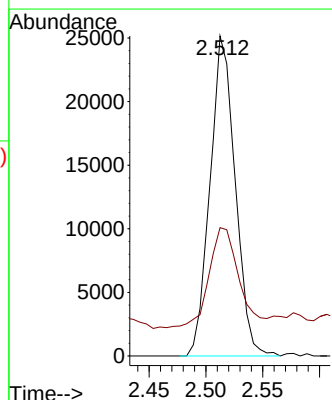
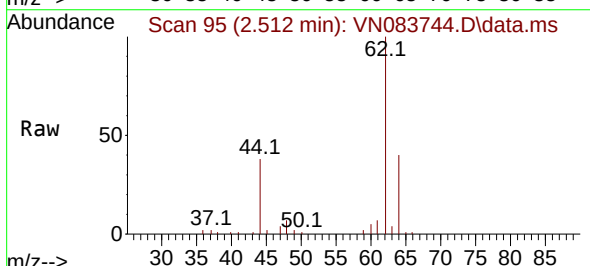
Acq: 10 Sep 2024 09:56

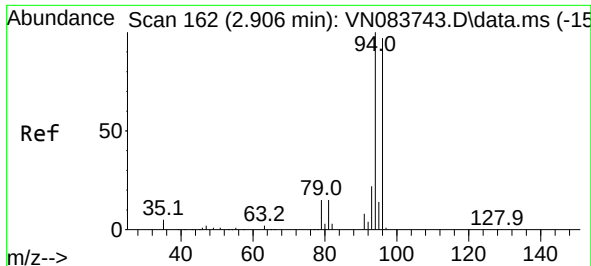
Tgt Ion: 62 Resp: 38791

Ion Ratio Lower Upper

62 100

64 30.8 24.7 37.1





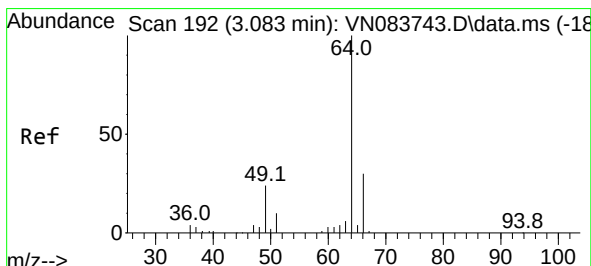
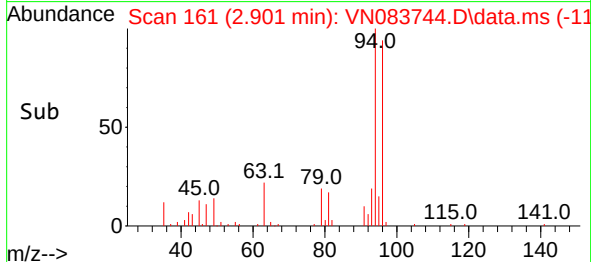
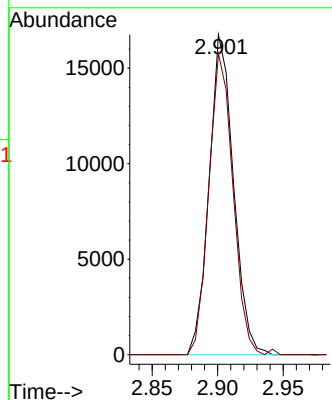
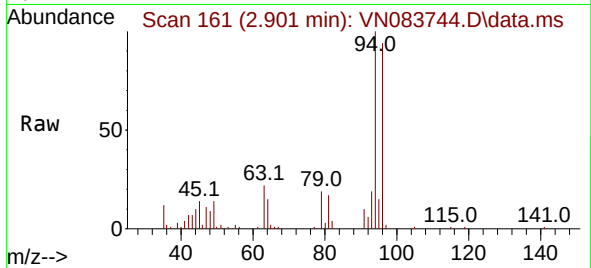
#5
Bromomethane
Concen: 20.106 ug/l
RT: 2.901 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 94 Resp: 21679
Ion Ratio Lower Upper
94 100
96 94.0 76.0 114.0

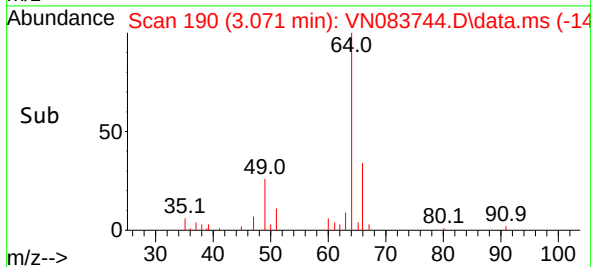
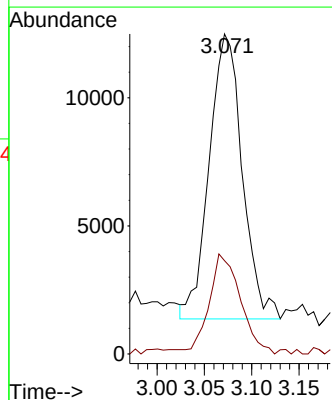
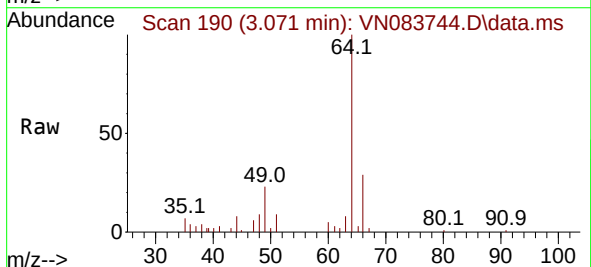
Manual Integrations
APPROVED

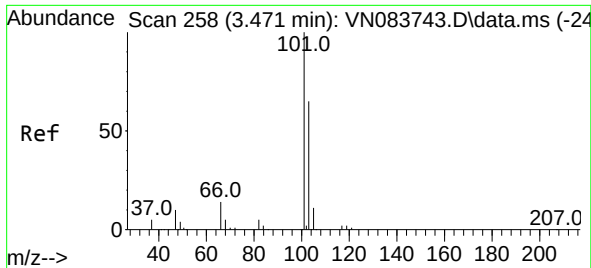
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#6
Chloroethane
Concen: 20.162 ug/l
RT: 3.071 min Scan# 190
Delta R.T. -0.006 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

Tgt Ion: 64 Resp: 27024
Ion Ratio Lower Upper
64 100
66 31.3 23.9 35.9





#7
 Trichlorofluoromethane
 Concen: 19.112 ug/l
 RT: 3.465 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN083744.D
 Acq: 10 Sep 2024 09:56

Instrument :

MSVOA_N

ClientSampleId :

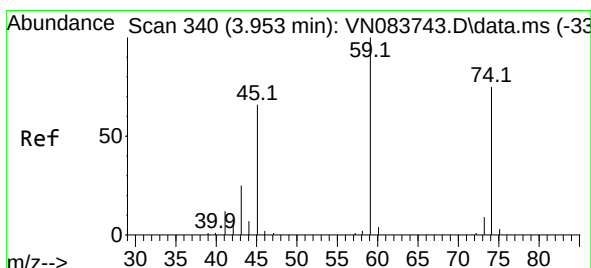
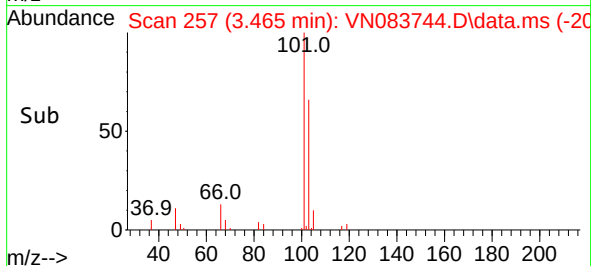
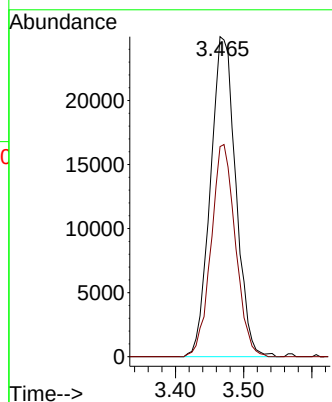
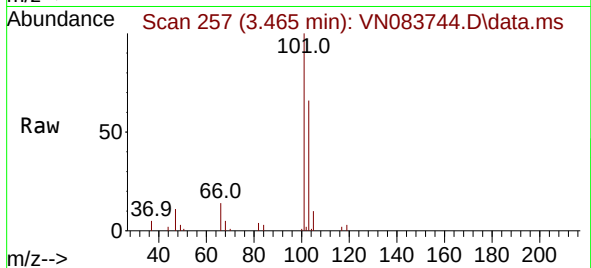
VSTDIC020

Tgt Ion:101 Resp: 64554
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.4 77.0

Manual Integrations

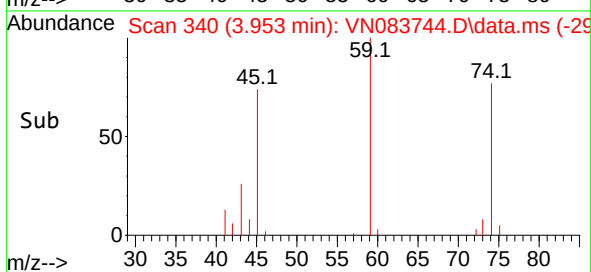
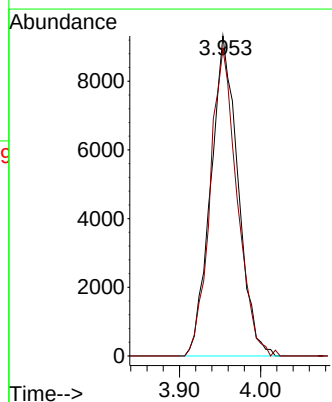
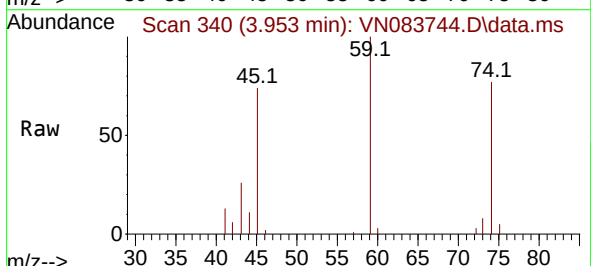
APPROVED

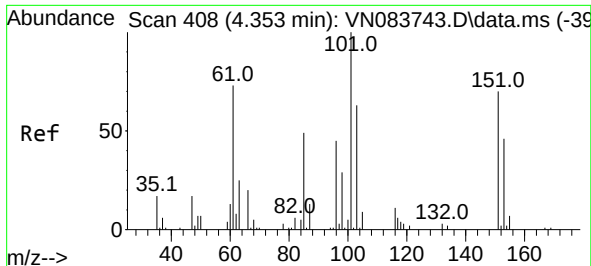
Reviewed By :John Carlone 09/11/2024
 Supervised By :Semsettin Yesilyurt 09/11/2024



#8
 Diethyl Ether
 Concen: 18.020 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN083744.D
 Acq: 10 Sep 2024 09:56

Tgt Ion: 74 Resp: 21759
 Ion Ratio Lower Upper
 74 100
 45 95.3 46.7 140.1





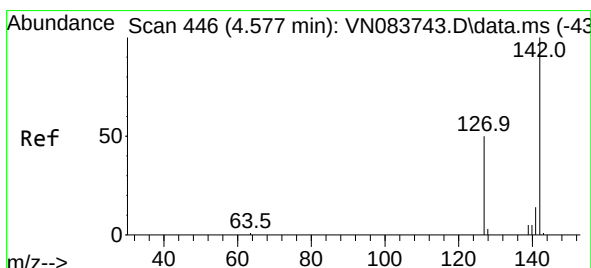
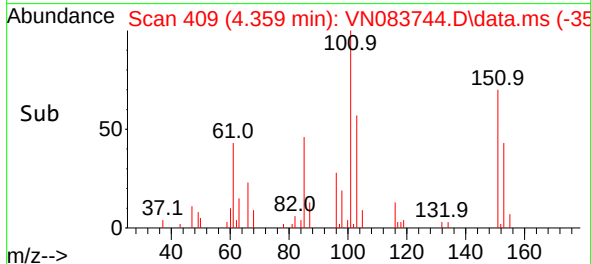
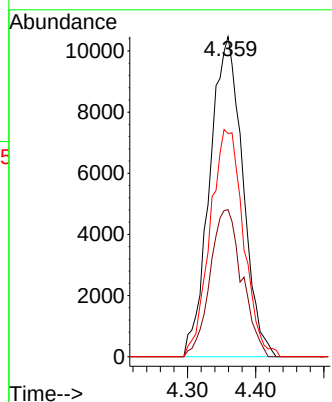
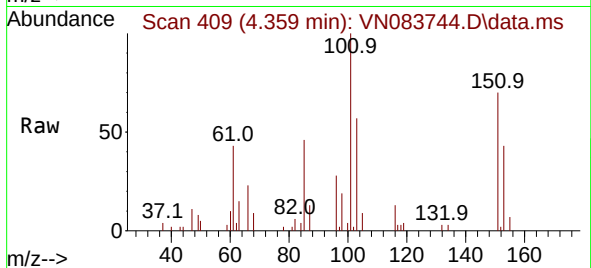
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.202 ug/l
RT: 4.359 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 35174
Ion Ratio Lower Upper
101 100
85 44.6 36.2 54.4
151 71.8 57.7 86.5

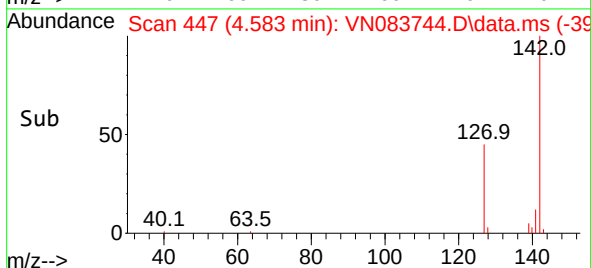
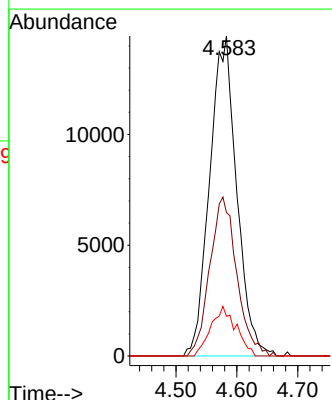
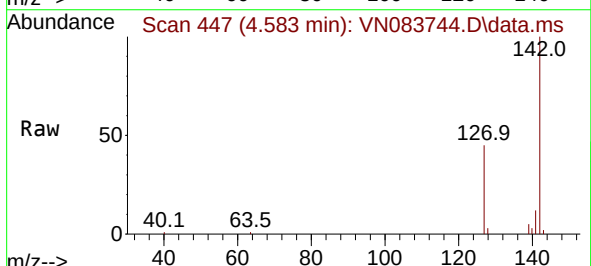
Manual Integrations
APPROVED

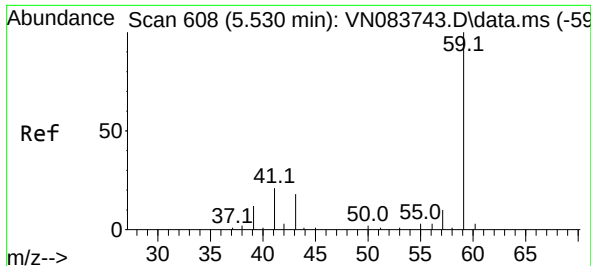
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#10
Methyl Iodide
Concen: 17.996 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

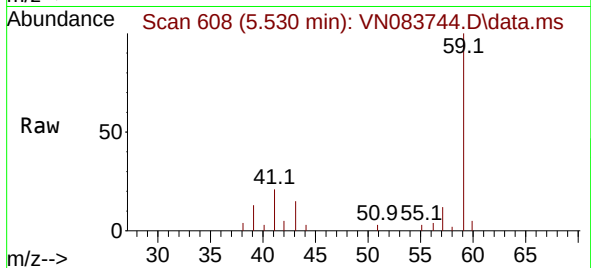
Tgt Ion:142 Resp: 44592
Ion Ratio Lower Upper
142 100
127 44.8 37.5 56.3
141 12.4 11.0 16.4





#11
Tert butyl alcohol
Concen: 79.391 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

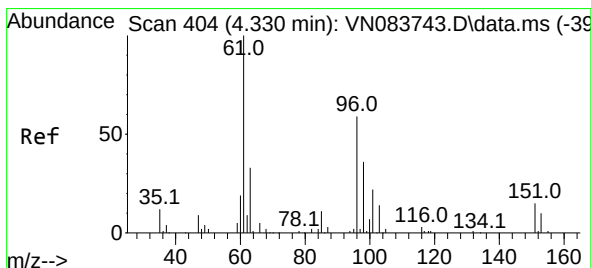
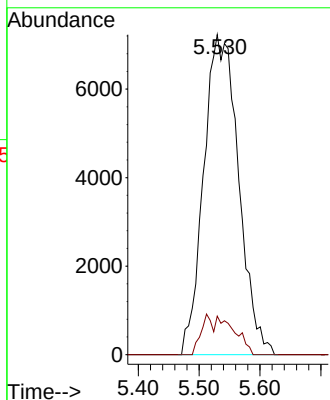
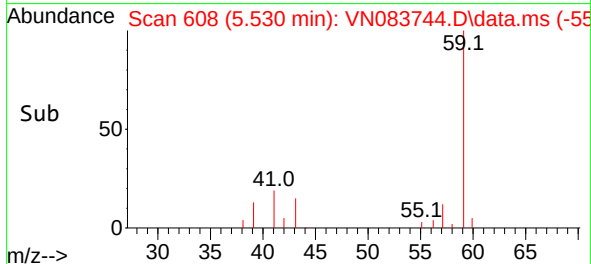
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



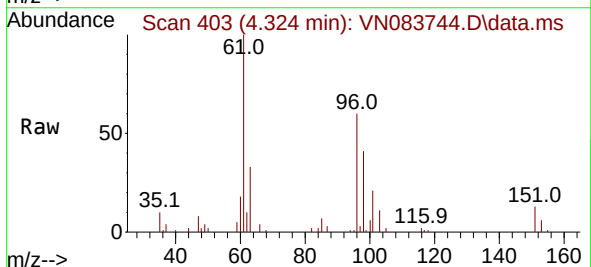
Tgt Ion: 59 Resp: 2875
Ion Ratio Lower Upper
59 100
57 6.7 8.7 13.1

Manual Integrations
APPROVED

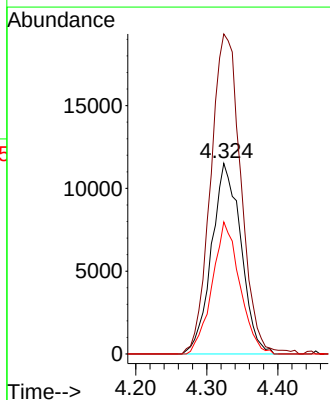
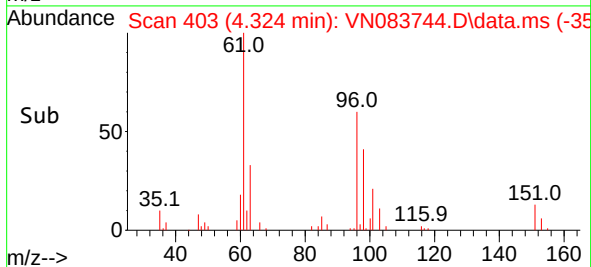
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

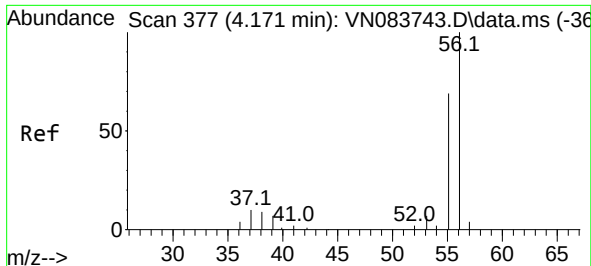


#12
1,1-Dichloroethene
Concen: 18.130 ug/l
RT: 4.324 min Scan# 403
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56



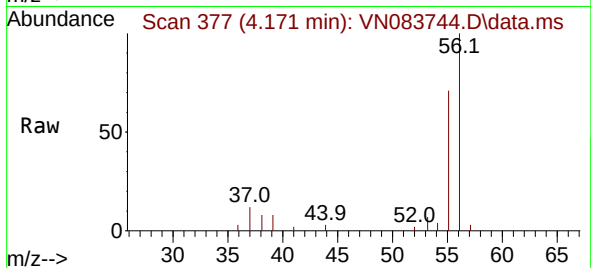
Tgt Ion: 96 Resp: 33017
Ion Ratio Lower Upper
96 100
61 167.9 143.4 215.0
98 69.3 52.7 79.1





#13
Acrolein
Concen: 82.822 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

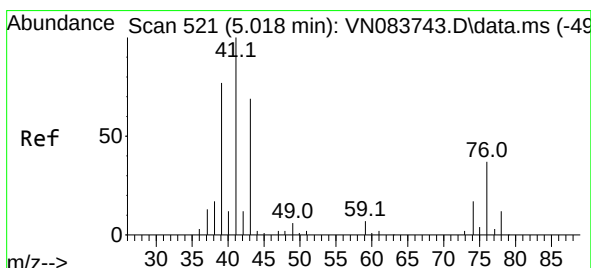
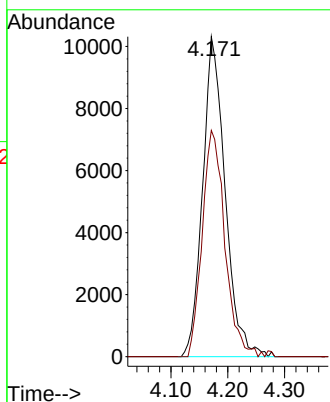
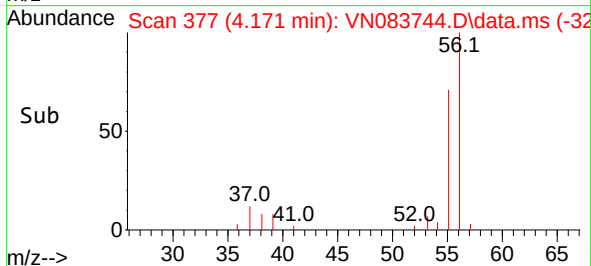
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



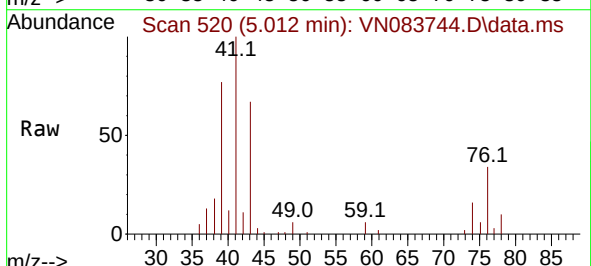
Tgt Ion: 56 Resp: 28384
Ion Ratio Lower Upper
56 100
55 70.8 58.2 87.2

Manual Integrations
APPROVED

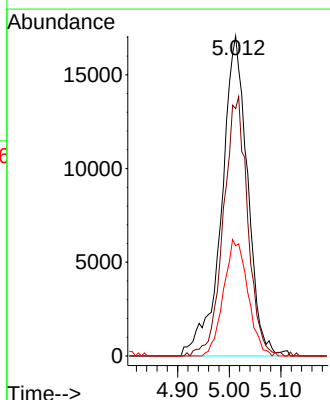
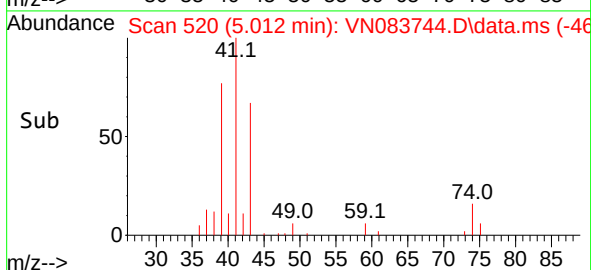
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

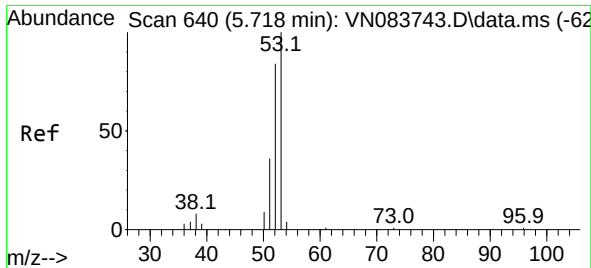


#14
Allyl chloride
Concen: 18.293 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56



Tgt Ion: 41 Resp: 59397
Ion Ratio Lower Upper
41 100
39 75.9 59.3 88.9
76 34.1 27.7 41.5





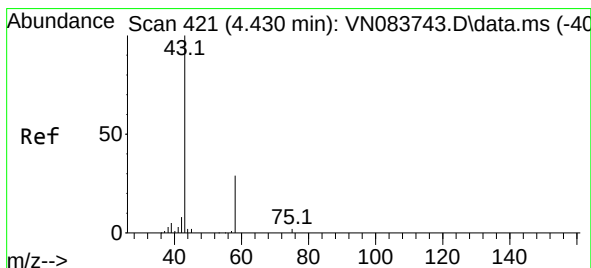
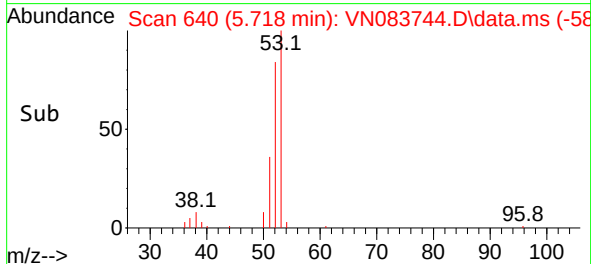
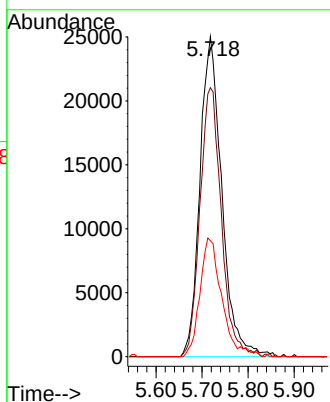
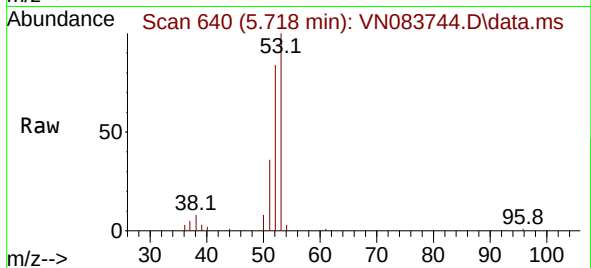
#15
Acrylonitrile
Concen: 92.614 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

Instrument :
MSVOA_N
Client Sample Id :
VSTDIC020

Tgt Ion: 53 Resp: 82730
Ion Ratio Lower Upper
53 100
52 82.0 66.1 99.1
51 37.0 29.6 44.4

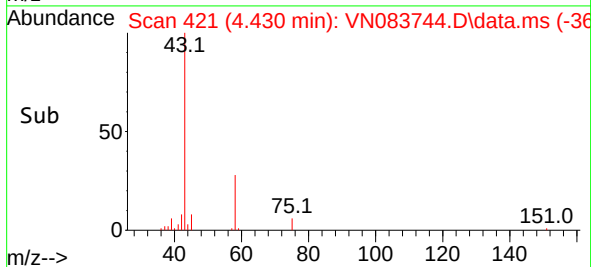
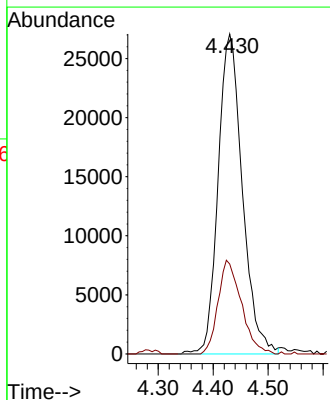
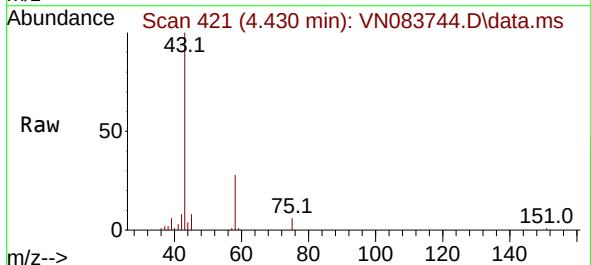
Manual Integrations
APPROVED

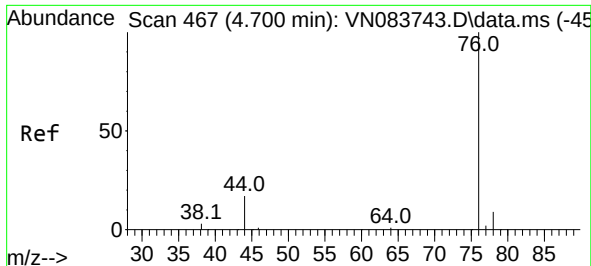
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#16
Acetone
Concen: 89.559 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

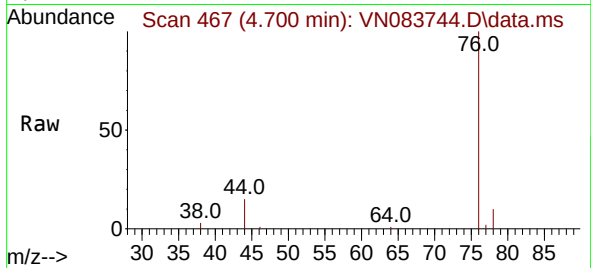
Tgt Ion: 43 Resp: 82975
Ion Ratio Lower Upper
43 100
58 28.1 23.7 35.5





#17
Carbon Disulfide
Concen: 17.289 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

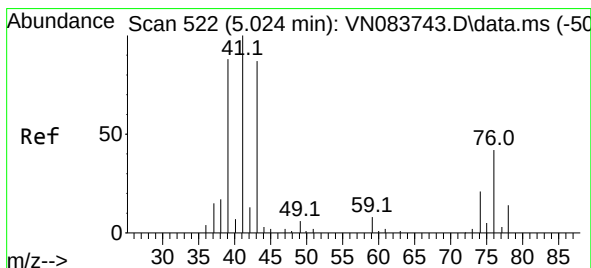
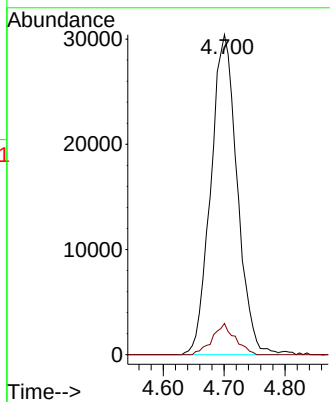
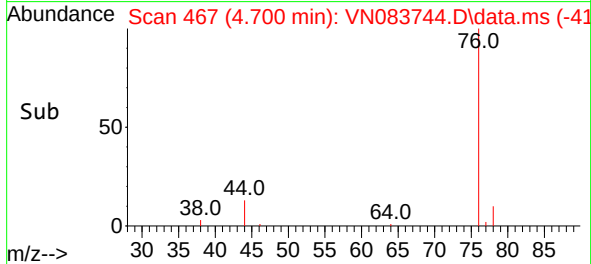
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 91754
Ion Ratio Lower Upper
76 100
78 9.8 7.1 10.7

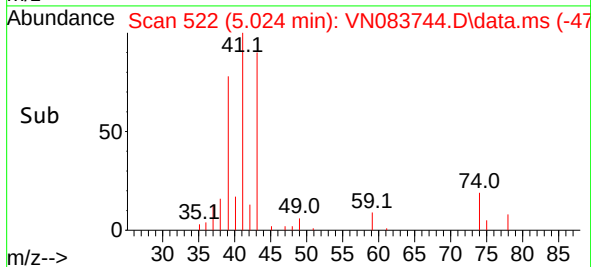
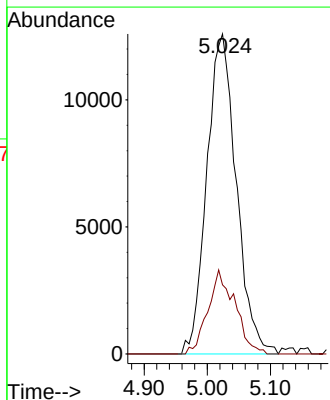
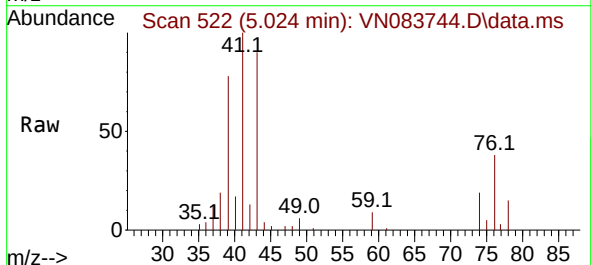
Manual Integrations
APPROVED

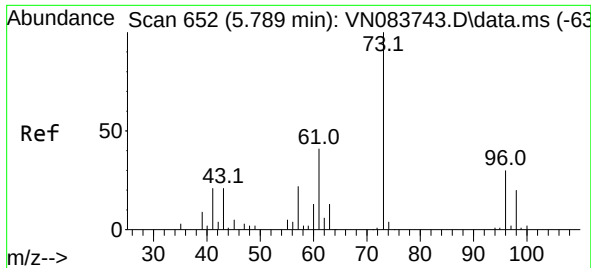
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#18
Methyl Acetate
Concen: 16.560 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

Tgt Ion: 43 Resp: 40802
Ion Ratio Lower Upper
43 100
74 24.1 19.0 28.4





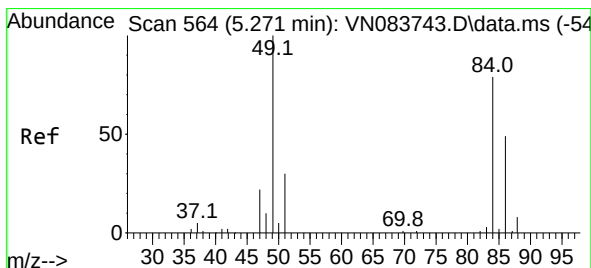
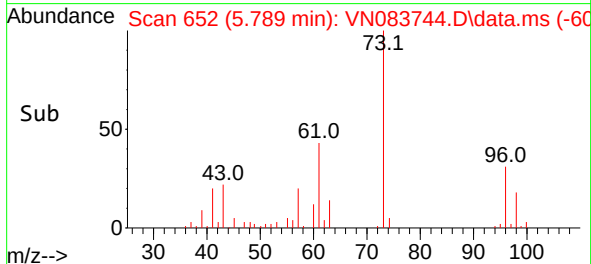
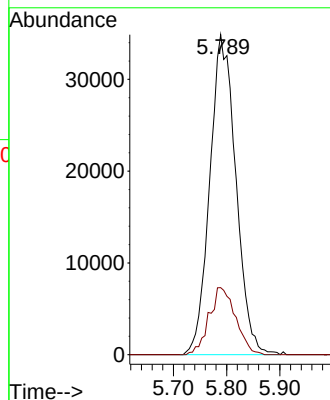
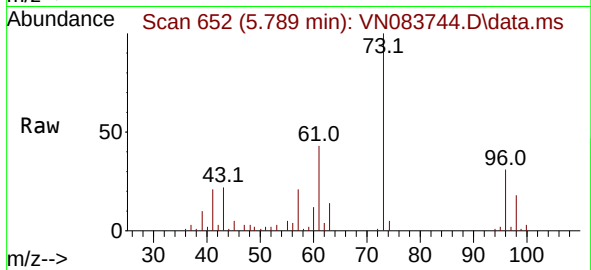
#19
Methyl tert-butyl Ether
Concen: 18.354 ug/l
RT: 5.789 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 11856
Ion Ratio Lower Upper
73 100
57 21.0 17.0 25.6

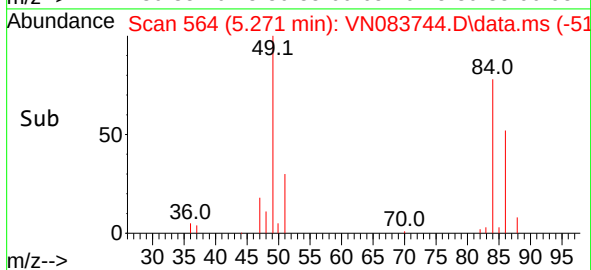
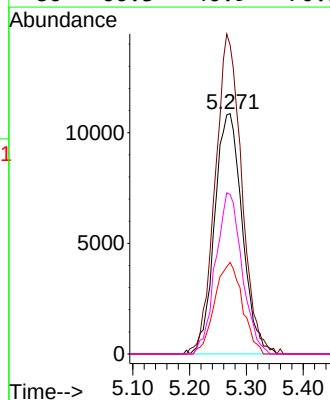
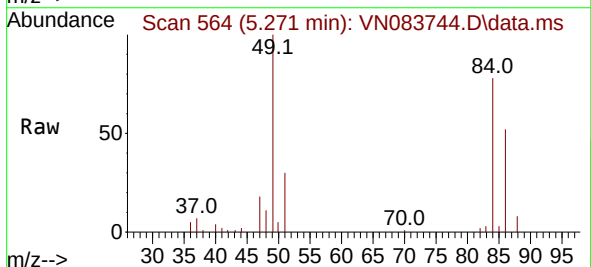
Manual Integrations
APPROVED

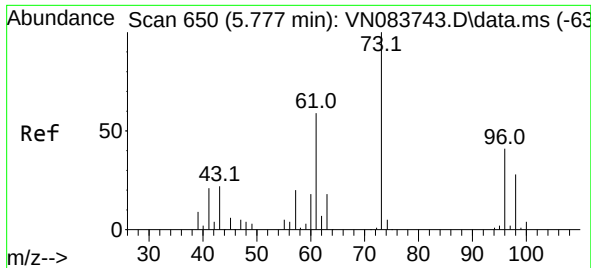
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#20
Methylene Chloride
Concen: 17.927 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

Tgt Ion: 84 Resp: 36677
Ion Ratio Lower Upper
84 100
49 128.5 93.4 140.0
51 38.1 29.2 43.8
86 66.3 46.9 70.3





#21
trans-1,2-Dichloroethene
Concen: 18.144 ug/l
RT: 5.789 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

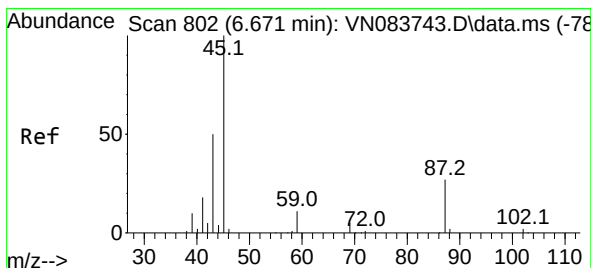
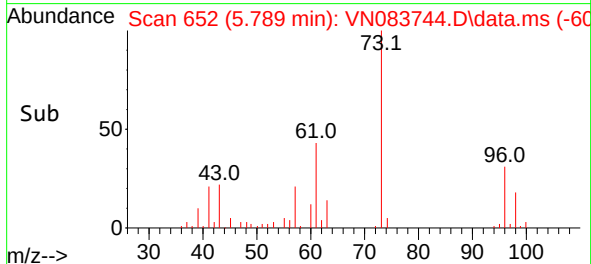
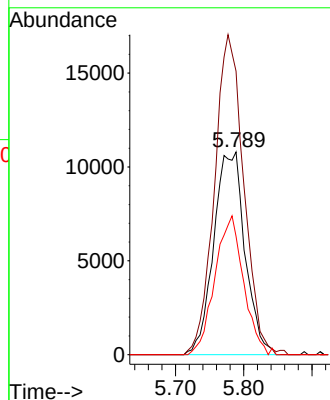
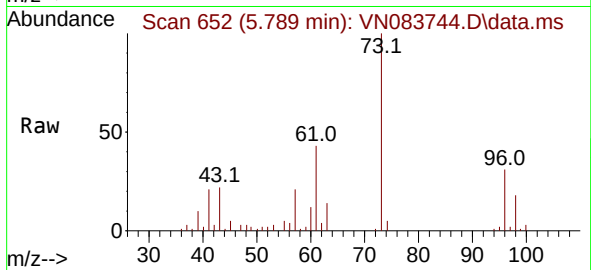
Tgt Ion: 96 Resp: 34418
Ion Ratio Lower Upper
96 100
61 139.9 106.0 159.0
98 58.4 52.2 78.2

Manual Integrations

APPROVED

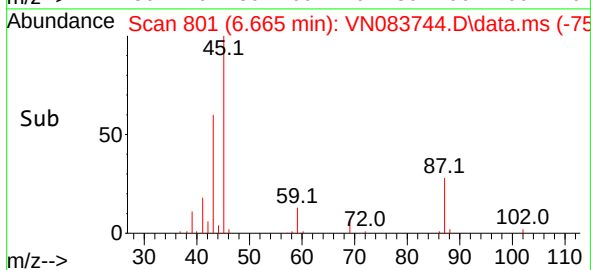
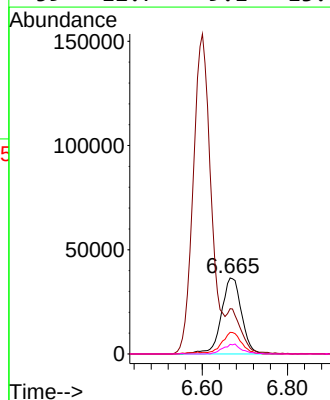
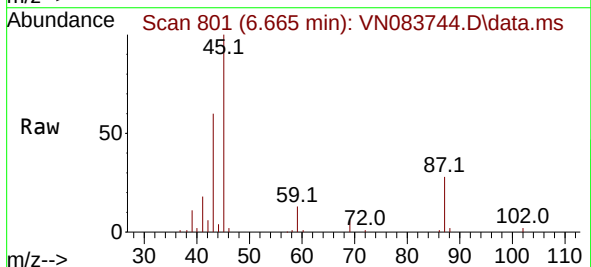
Reviewed By :John Carlone 09/11/2024

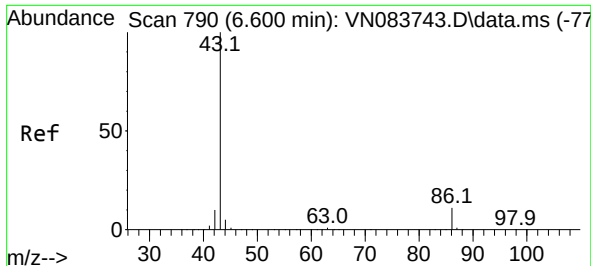
Supervised By :Semsettin Yesilyurt 09/11/2024



#22
Diisopropyl ether
Concen: 18.750 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

Tgt Ion: 45 Resp: 120044
Ion Ratio Lower Upper
45 100
43 58.9 43.4 65.0
87 28.5 22.6 33.8
59 12.7 9.1 13.7





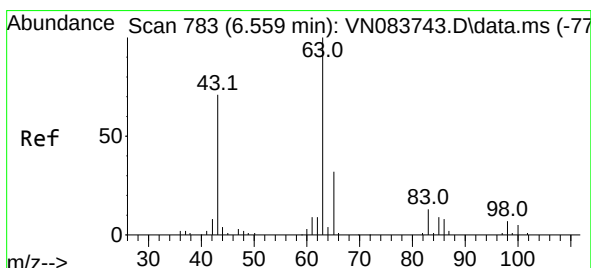
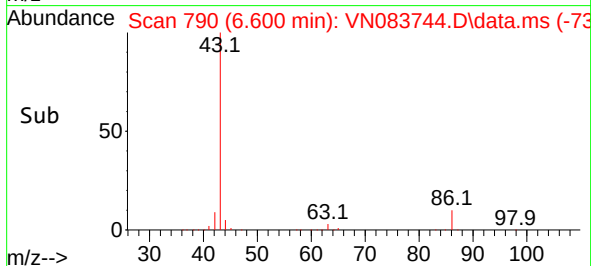
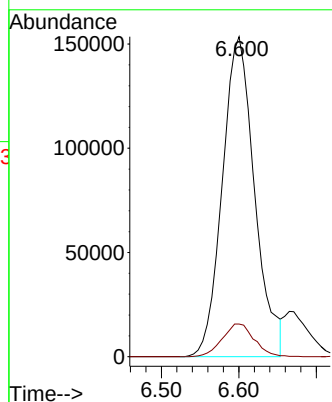
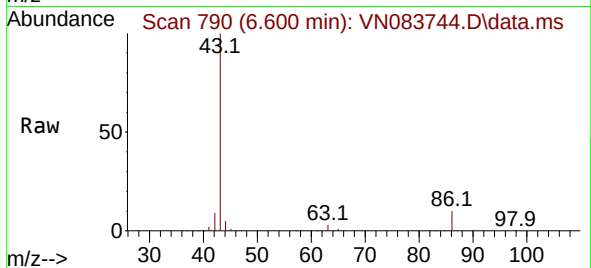
#23
 Vinyl Acetate
 Concen: 93.775 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN083744.D
 Acq: 10 Sep 2024 09:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Tgt Ion: 43 Resp: 444933
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.7 13.1

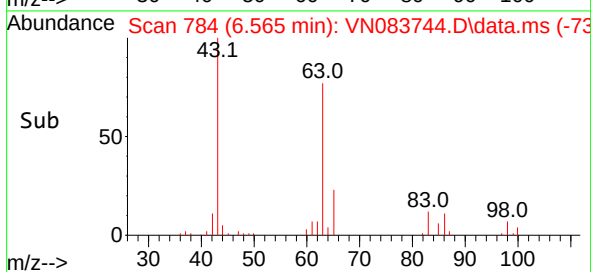
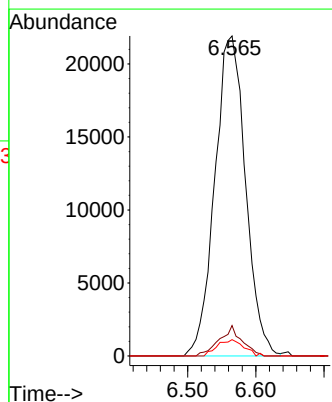
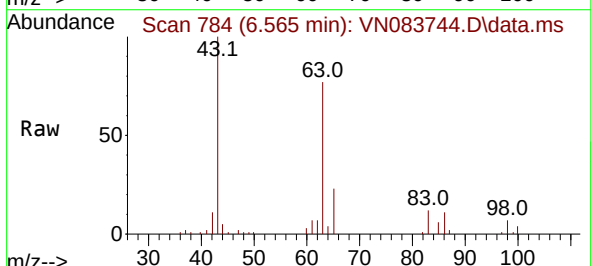
Manual Integrations
 APPROVED

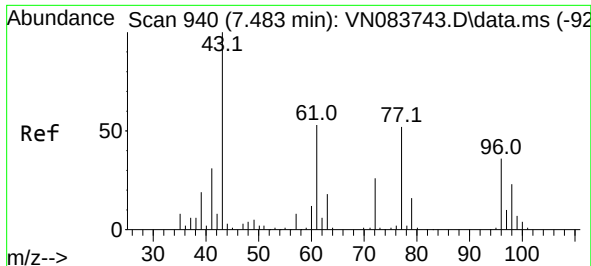
Reviewed By :John Carlone 09/11/2024
 Supervised By :Semsettin Yesilyurt 09/11/2024



#24
 1,1-Dichloroethane
 Concen: 18.818 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN083744.D
 Acq: 10 Sep 2024 09:56

Tgt Ion: 63 Resp: 68708
 Ion Ratio Lower Upper
 63 100
 98 9.5 3.5 10.4
 100 5.1 2.5 7.5





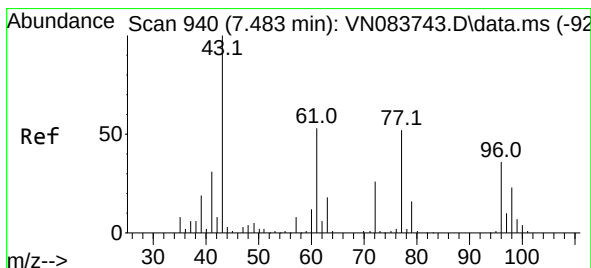
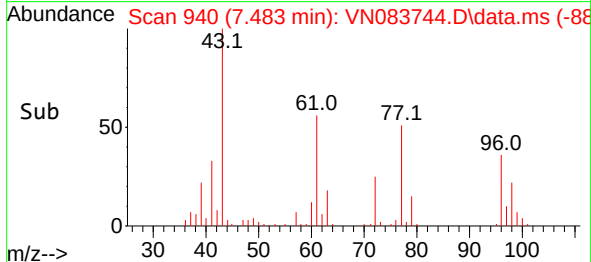
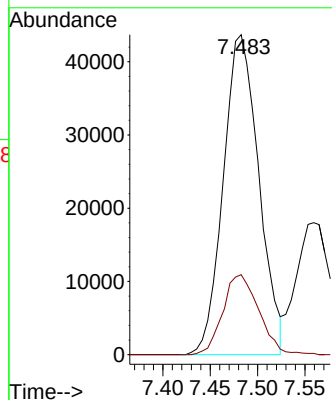
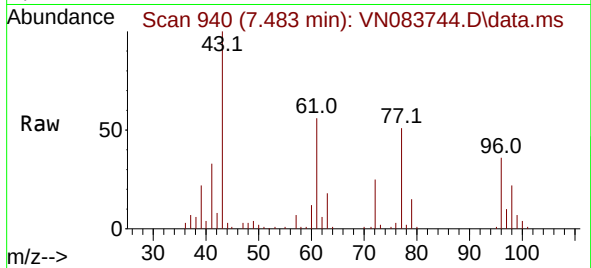
#25
2-Butanone
Concen: 90.469 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 11412
Ion Ratio Lower Upper
43 100
72 25.0 20.8 31.2

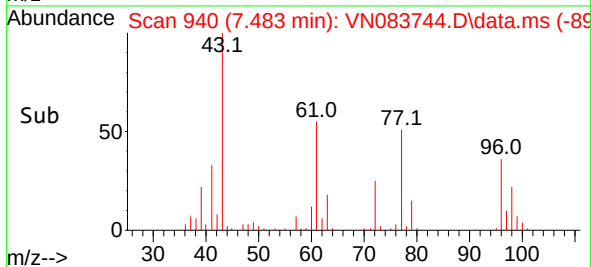
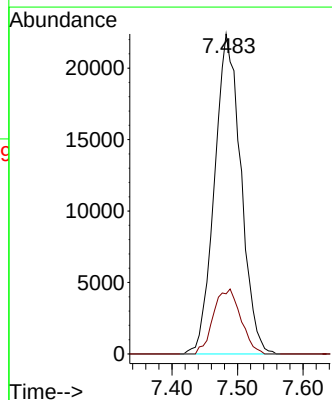
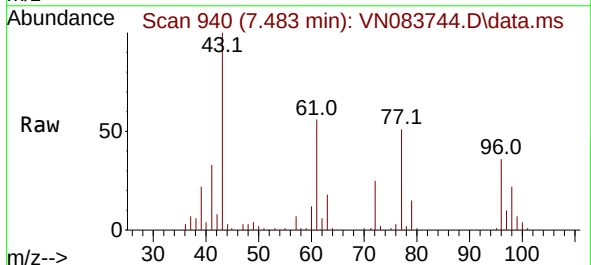
Manual Integrations
APPROVED

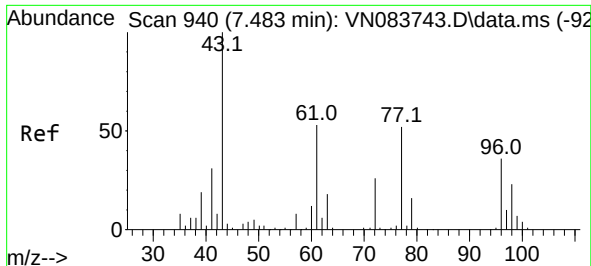
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#26
2,2-Dichloropropane
Concen: 18.357 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

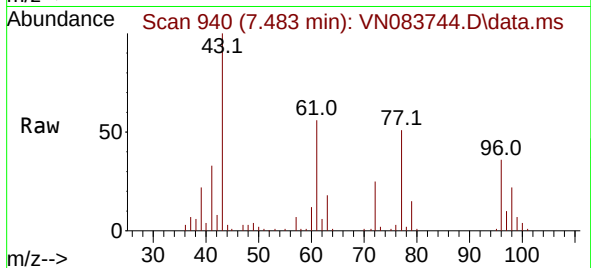
Tgt Ion: 77 Resp: 62400
Ion Ratio Lower Upper
77 100
97 21.1 10.2 30.4





#27
 cis-1,2-Dichloroethene
 Concen: 18.534 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN083744.D
 Acq: 10 Sep 2024 09:56

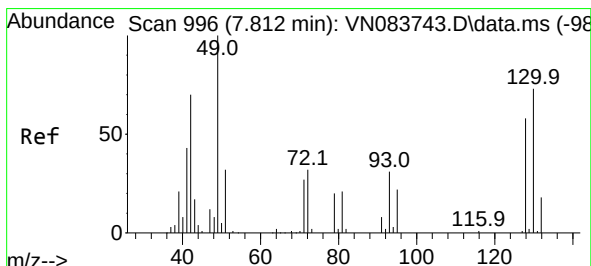
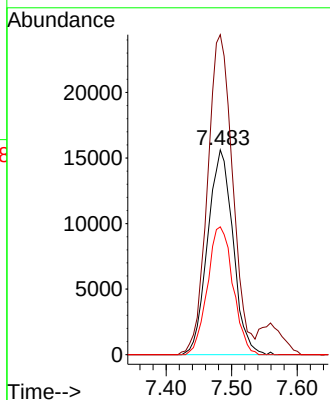
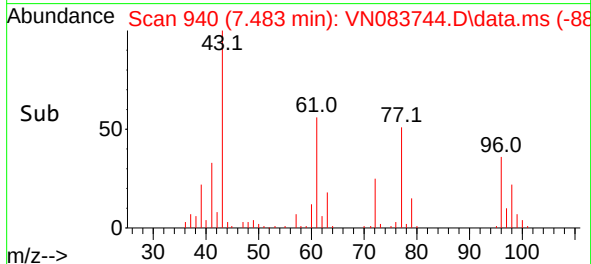
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion: 96 Resp: 41954
 Ion Ratio Lower Upper
 96 100
 61 155.4 0.0 306.2
 98 62.8 0.0 128.6

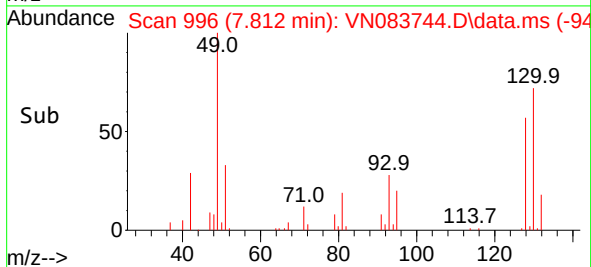
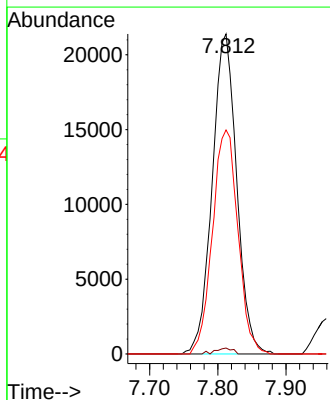
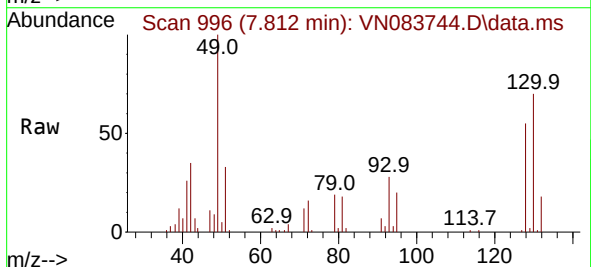
Manual Integrations
 APPROVED

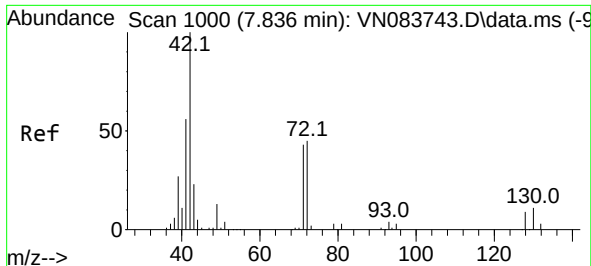
Reviewed By :John Carlone 09/11/2024
 Supervised By :Semsettin Yesilyurt 09/11/2024



#28
 Bromochloromethane
 Concen: 31.436 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN083744.D
 Acq: 10 Sep 2024 09:56

Tgt Ion: 49 Resp: 53598
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.4
 130 72.7 60.2 90.2





#29

Tetrahydrofuran

Concen: 90.632 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN083744.D

Acq: 10 Sep 2024 09:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

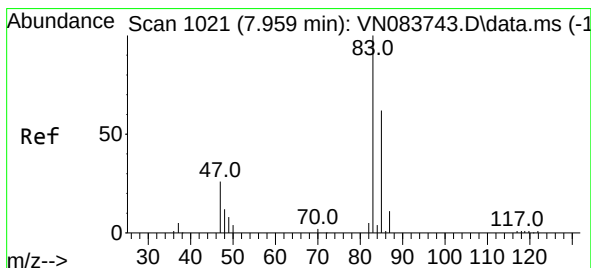
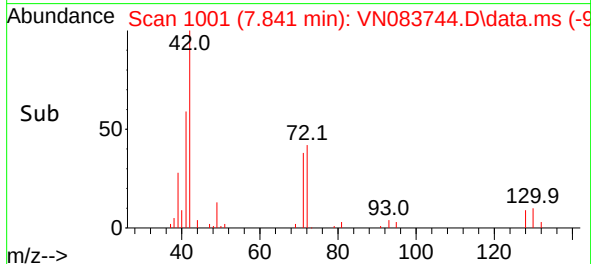
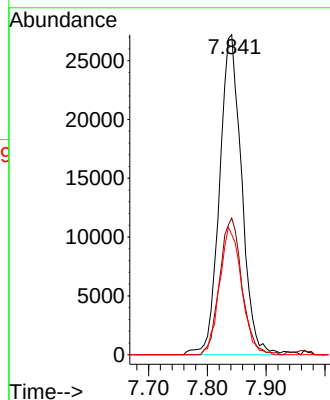
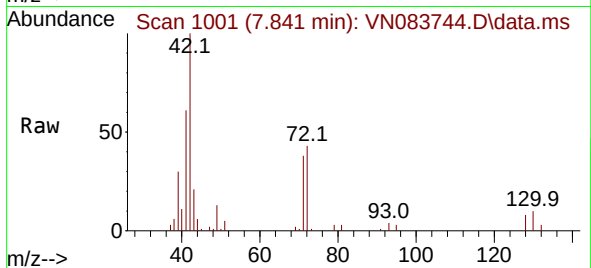
Tgt Ion:	42	Resp:	70914
Ion	Ratio	Lower	Upper
42	100		
72	43.1	35.9	53.9
71	39.8	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#30

Chloroform

Concen: 18.502 ug/l

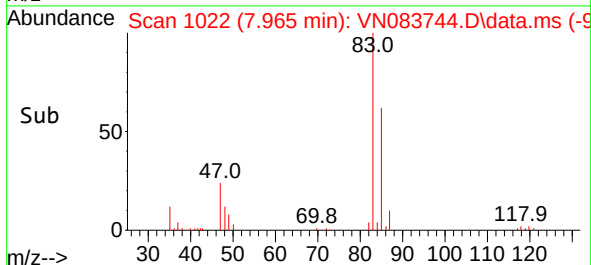
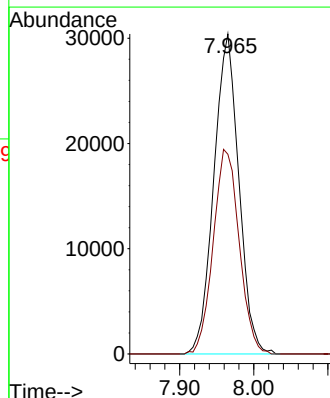
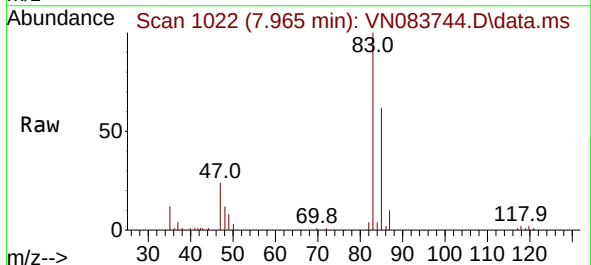
RT: 7.965 min Scan# 1022

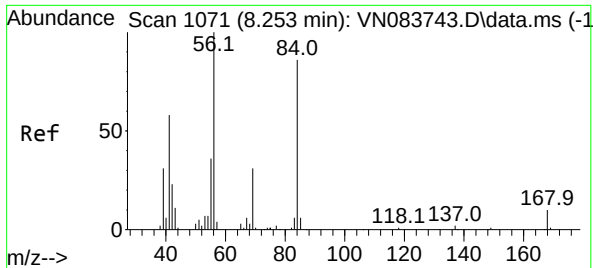
Delta R.T. 0.000 min

Lab File: VN083744.D

Acq: 10 Sep 2024 09:56

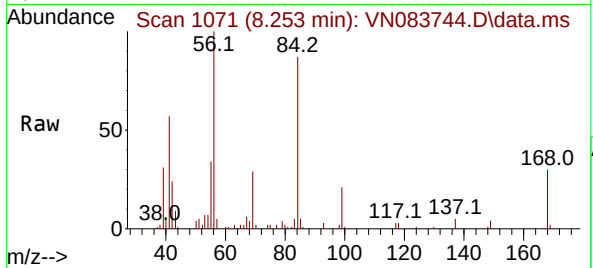
Tgt Ion:	83	Resp:	71173
Ion	Ratio	Lower	Upper
83	100		
85	62.4	52.8	79.2





#31
Cyclohexane
Concen: 17.568 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

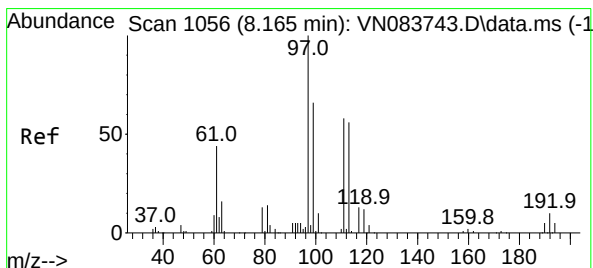
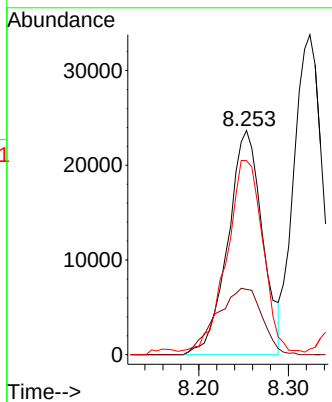
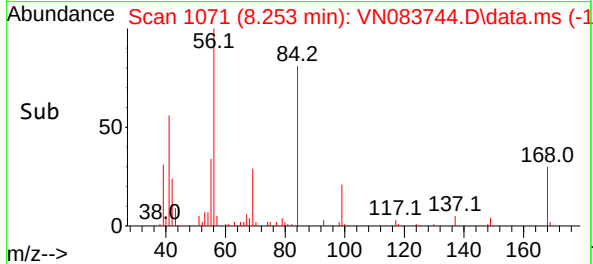
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



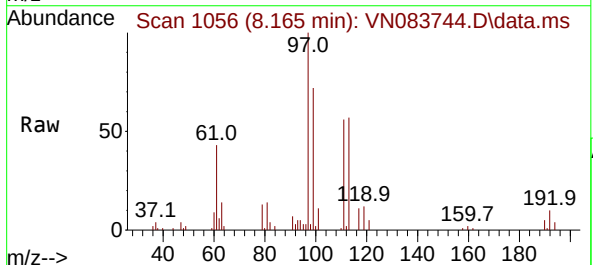
Tgt Ion: 56 Resp: 6313
Ion Ratio Lower Upper
56 100
69 29.1 26.9 40.3
84 85.1 69.2 103.8

Manual Integrations
APPROVED

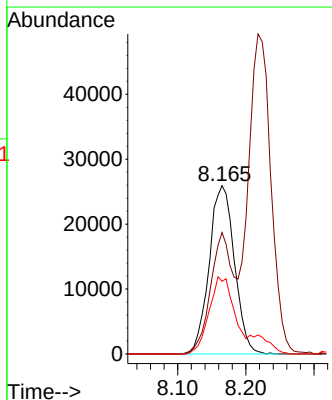
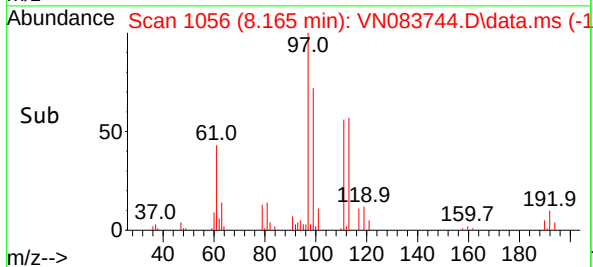
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

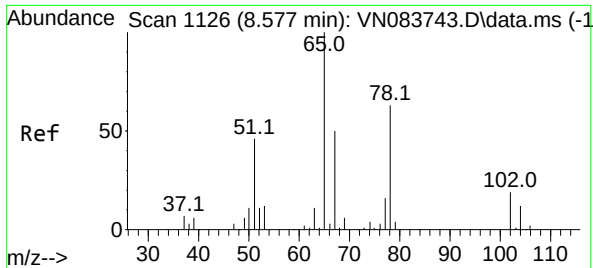


#32
1,1,1-Trichloroethane
Concen: 19.219 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56



Tgt Ion: 97 Resp: 66850
Ion Ratio Lower Upper
97 100
99 66.1 52.3 78.5
61 48.5 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 20.816 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083744.D

Acq: 10 Sep 2024 09:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 4836

Ion Ratio Lower Upper

65 100

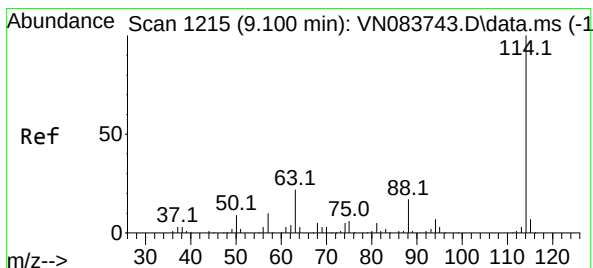
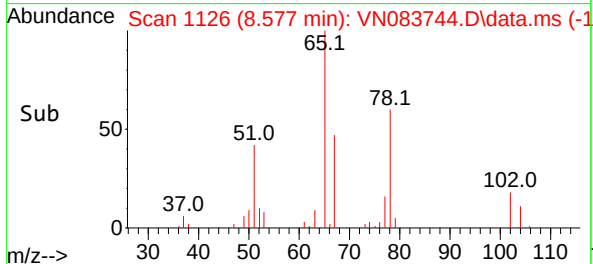
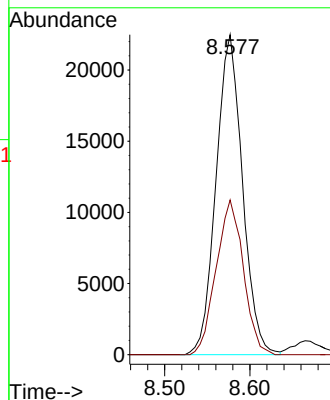
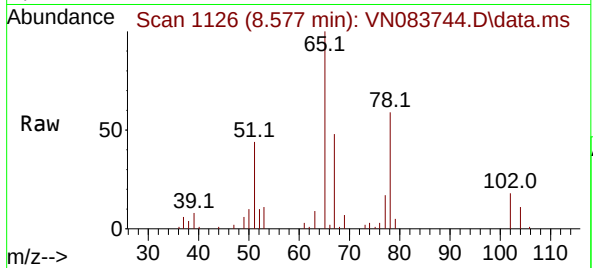
67 49.8 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083744.D

Acq: 10 Sep 2024 09:56

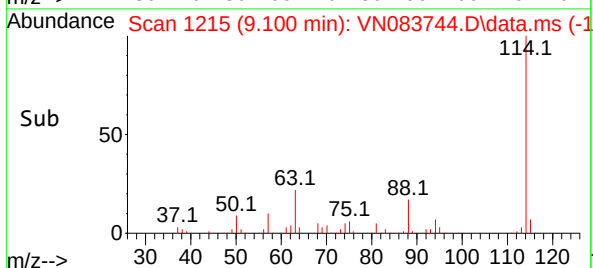
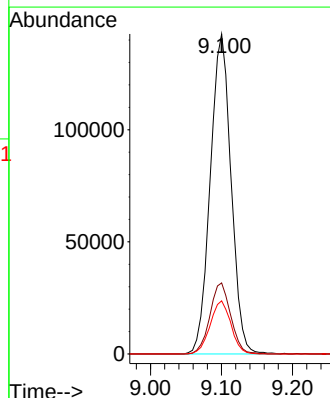
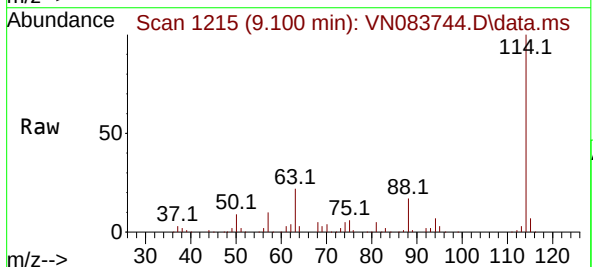
Tgt Ion:114 Resp: 289856

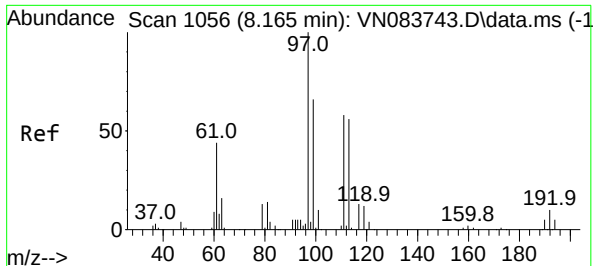
Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.4

88 16.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 20.411 ug/l

RT: 8.165 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN083744.D

Acq: 10 Sep 2024 09:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

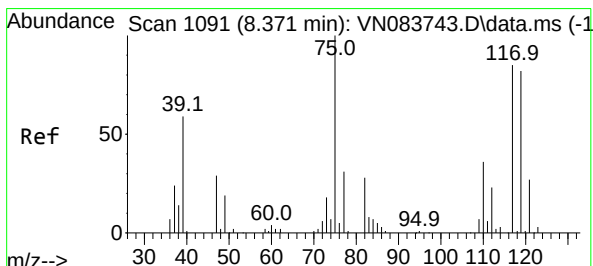
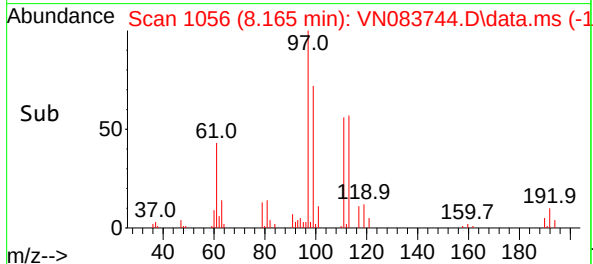
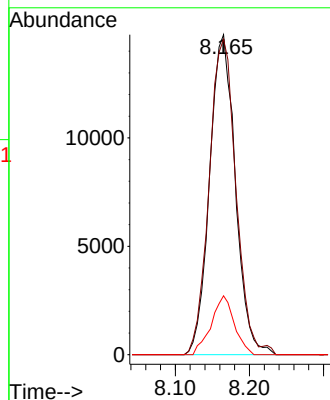
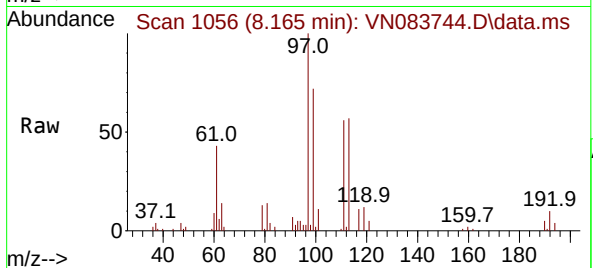
Tgt Ion:	113	Resp:	35608
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	124.0
192	16.5	14.3	21.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#36

1,1-Dichloropropene

Concen: 18.710 ug/l

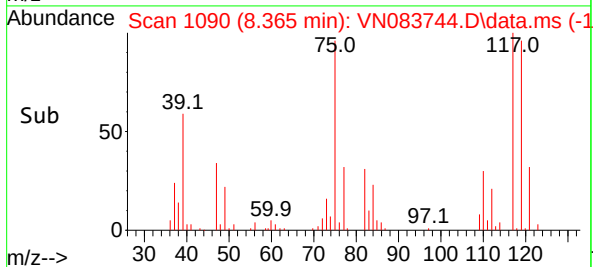
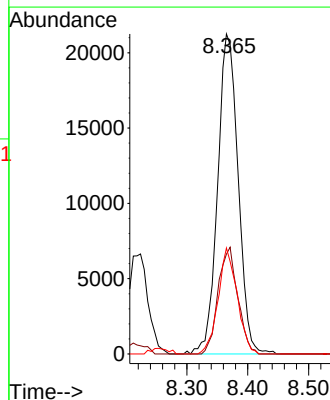
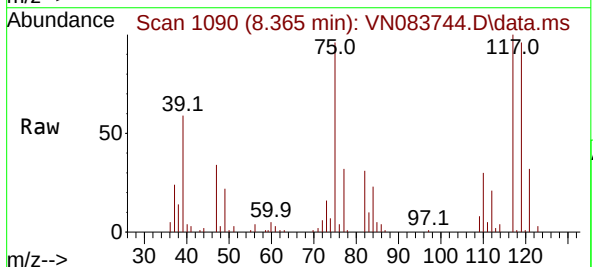
RT: 8.365 min Scan# 1090

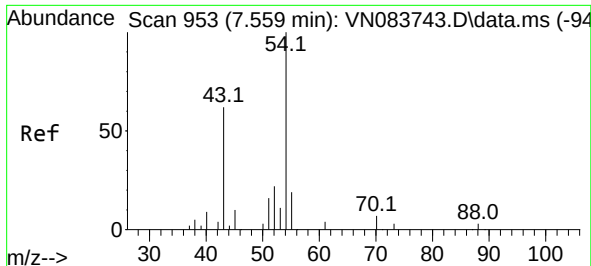
Delta R.T. -0.006 min

Lab File: VN083744.D

Acq: 10 Sep 2024 09:56

Tgt Ion:	75	Resp:	49788
Ion	Ratio	Lower	Upper
75	100		
110	31.9	16.7	50.1
77	30.7	25.2	37.8





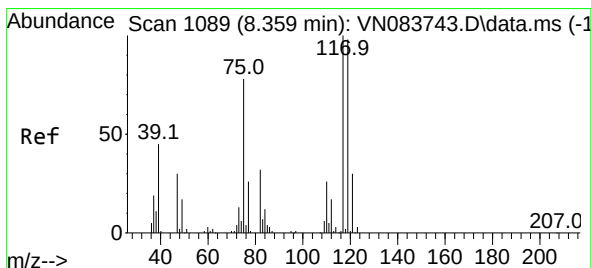
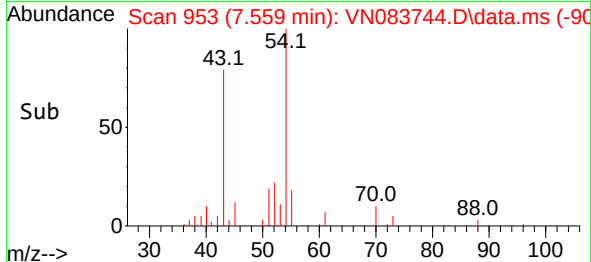
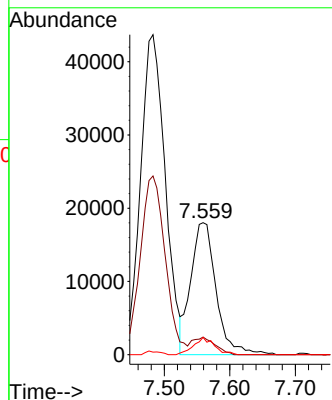
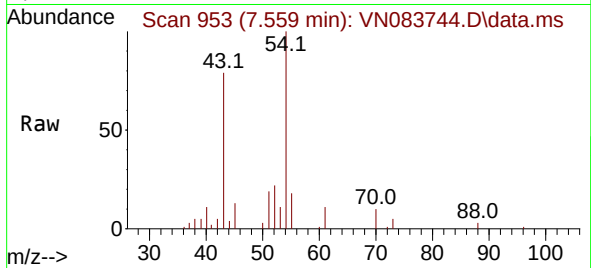
#37
Ethyl Acetate
Concen: 18.351 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 48600
Ion Ratio Lower Upper
43 100
61 11.8 11.1 16.7
70 10.6 8.8 13.2

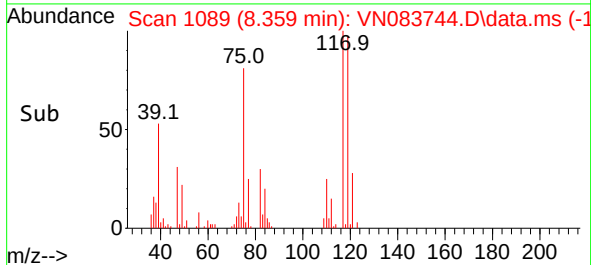
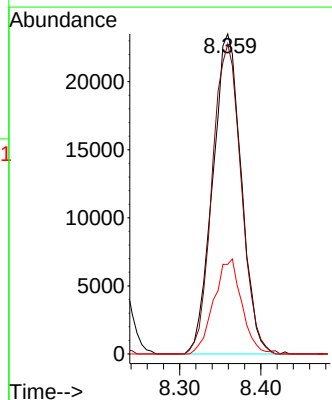
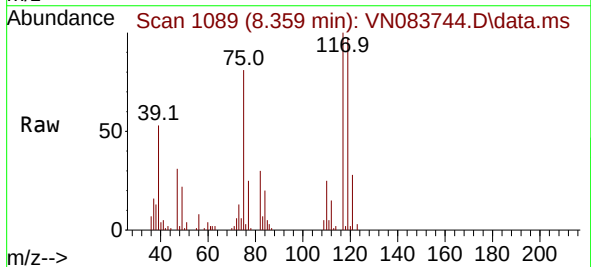
Manual Integrations
APPROVED

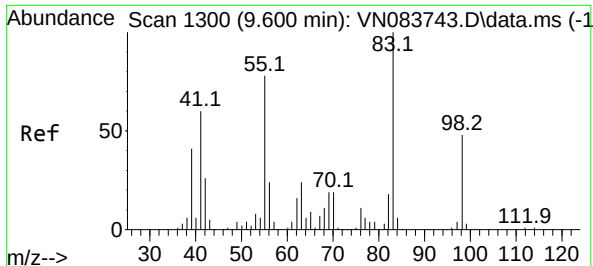
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#38
Carbon Tetrachloride
Concen: 18.914 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

Tgt Ion:117 Resp: 57424
Ion Ratio Lower Upper
117 100
119 96.8 76.1 114.1
121 28.0 24.1 36.1





#39

Methylcyclohexane

Concen: 18.090 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN083744.D

Acq: 10 Sep 2024 09:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 5776

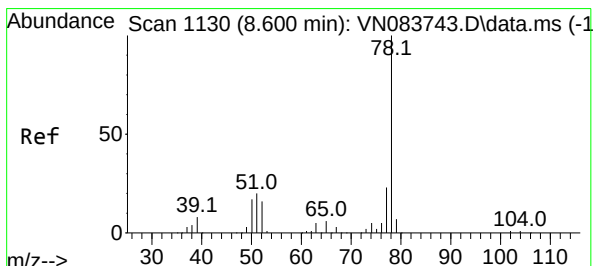
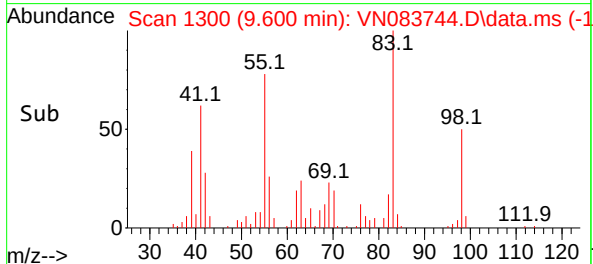
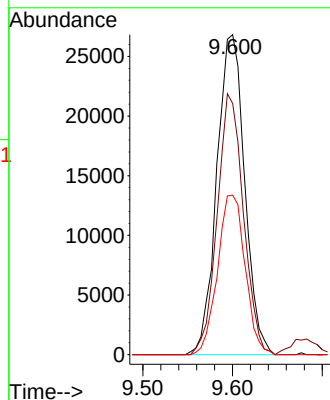
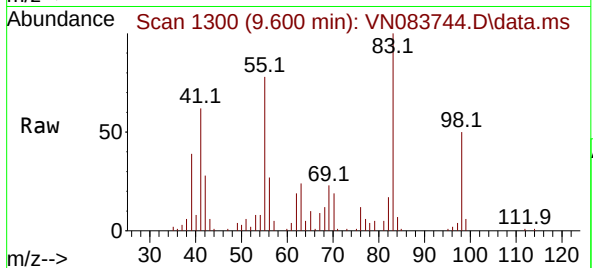
Ion	Ratio	Lower	Upper
83	100		
55	78.5	62.2	93.4
98	49.9	37.6	56.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#40

Benzene

Concen: 18.725 ug/l

RT: 8.600 min Scan# 1130

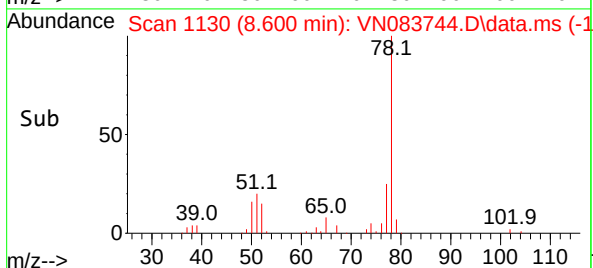
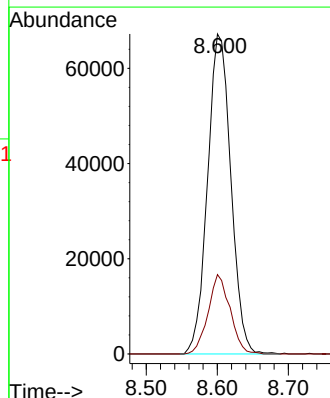
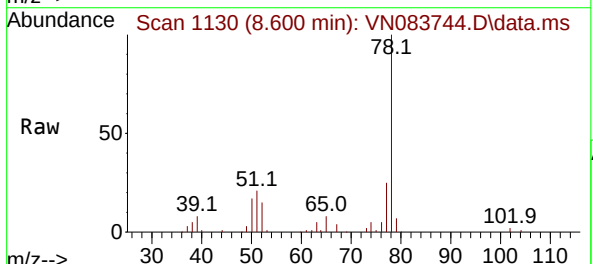
Delta R.T. -0.006 min

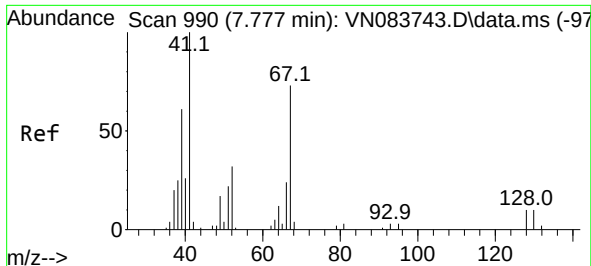
Lab File: VN083744.D

Acq: 10 Sep 2024 09:56

Tgt Ion: 78 Resp: 153284

Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.0	28.6





#41
Methacrylonitrile
Concen: 17.347 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

Instrument :

MSVOA_N

ClientSampleId :

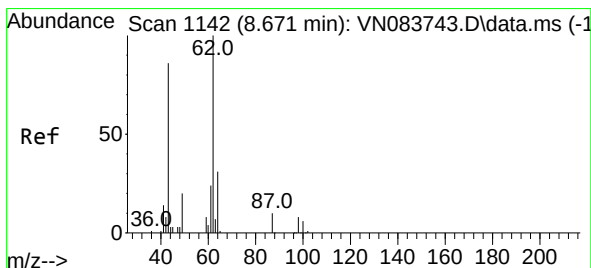
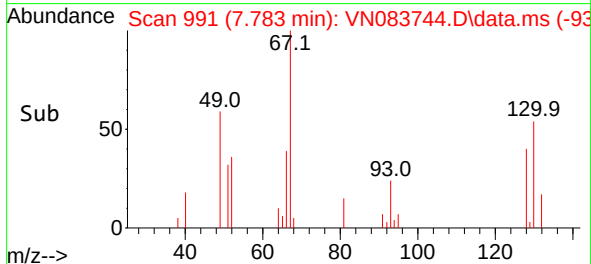
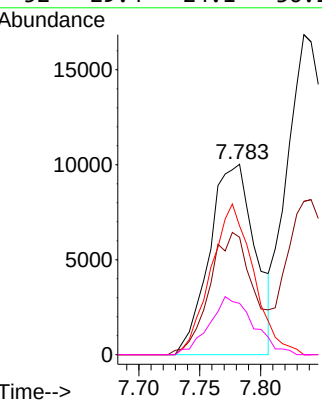
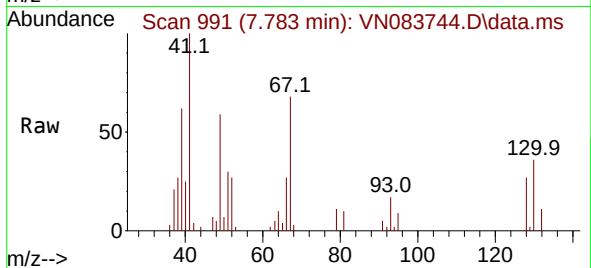
VSTDICC020

Tgt Ion:	41	Resp:	26210
Ion	Ratio	Lower	Upper
41	100		
39	61.1	45.4	68.2
67	73.9	55.9	83.9
52	29.4	24.1	36.1

Manual Integrations

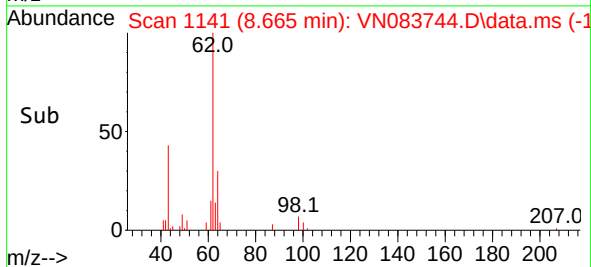
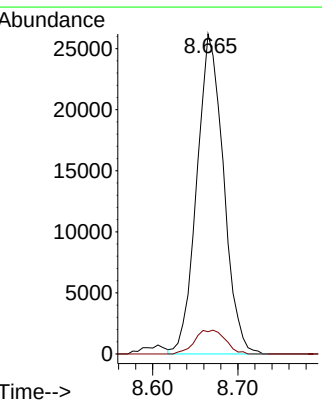
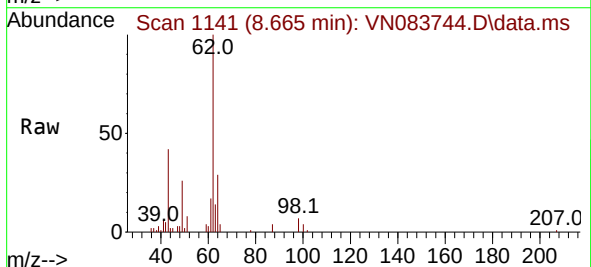
APPROVED

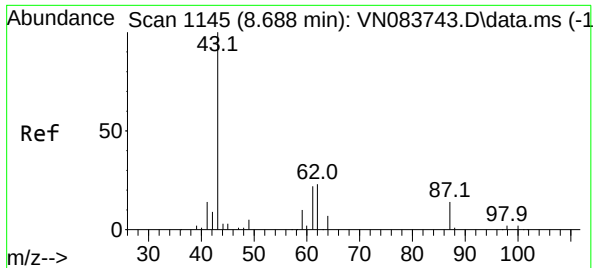
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#42
1,2-Dichloroethane
Concen: 18.793 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

Tgt Ion:	62	Resp:	57025
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.6





#43

Isopropyl Acetate

Concen: 12.209 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN083744.D

Acq: 10 Sep 2024 09:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

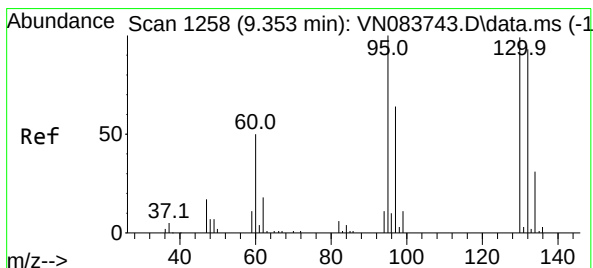
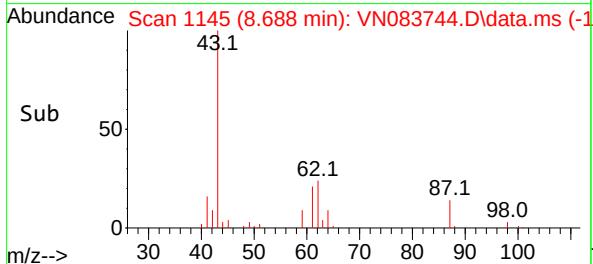
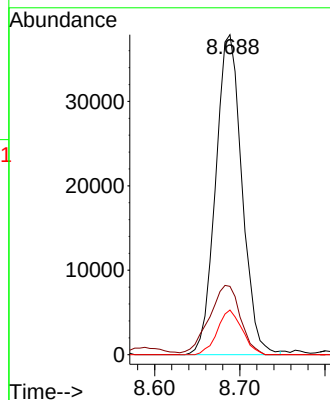
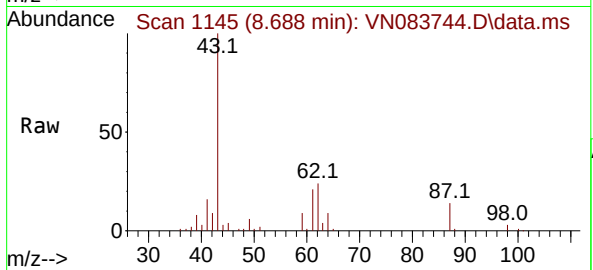
Tgt Ion: 43	Resp: 8155
Ion Ratio	Lower Upper
43 100	
61 25.6	19.4 29.0
87 13.1	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#44

Trichloroethene

Concen: 17.657 ug/l

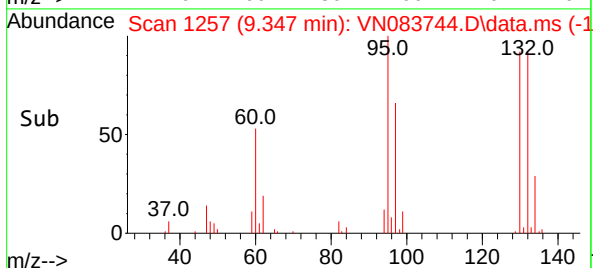
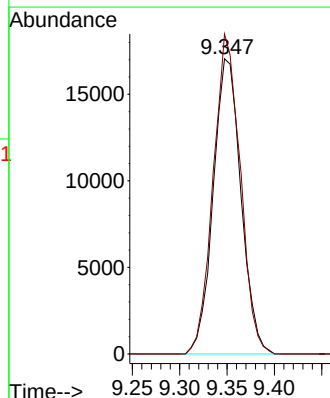
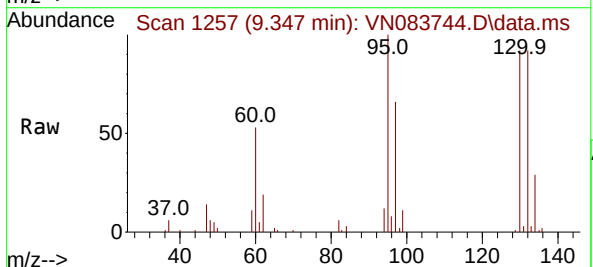
RT: 9.347 min Scan# 1257

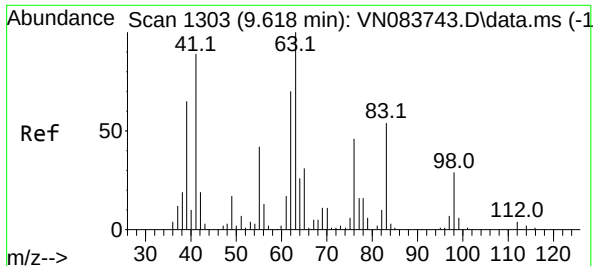
Delta R.T. 0.000 min

Lab File: VN083744.D

Acq: 10 Sep 2024 09:56

Tgt Ion:130	Resp: 34769
Ion Ratio	Lower Upper
130 100	
95 108.4	0.0 200.4





#45

1,2-Dichloropropane

Concen: 19.309 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN083744.D

Acq: 10 Sep 2024 09:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 36820

Ion Ratio Lower Upper

63 100

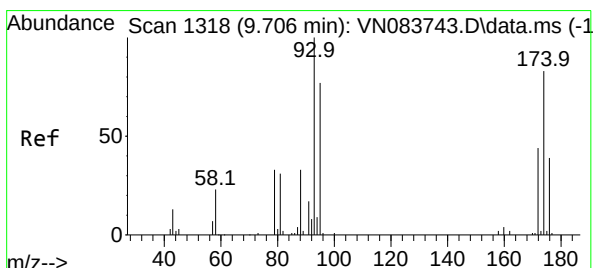
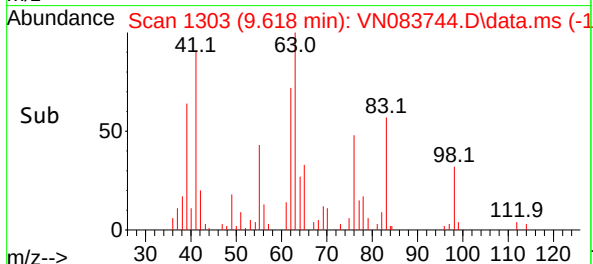
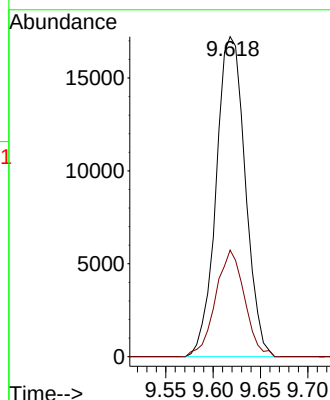
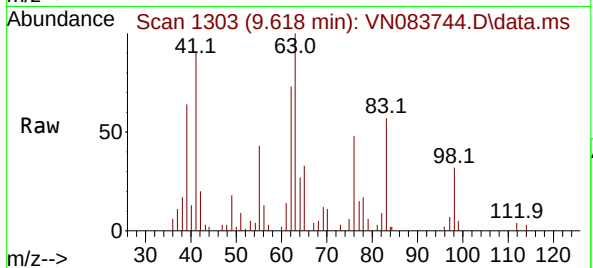
65 33.3 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#46

Dibromomethane

Concen: 19.064 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN083744.D

Acq: 10 Sep 2024 09:56

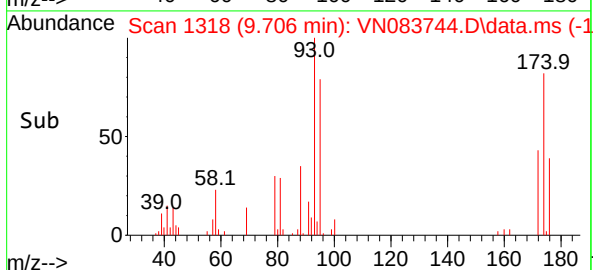
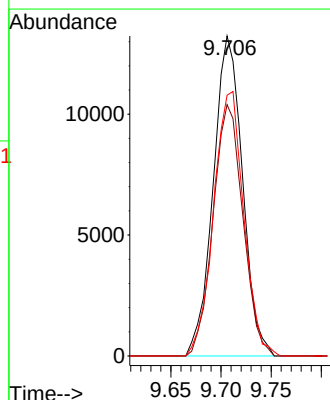
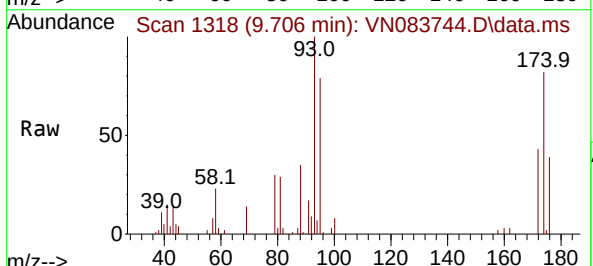
Tgt Ion: 93 Resp: 26819

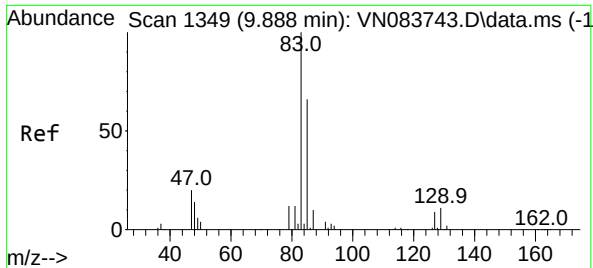
Ion Ratio Lower Upper

93 100

95 80.0 65.3 97.9

174 85.3 71.0 106.4





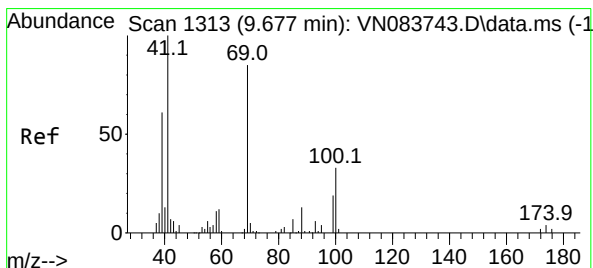
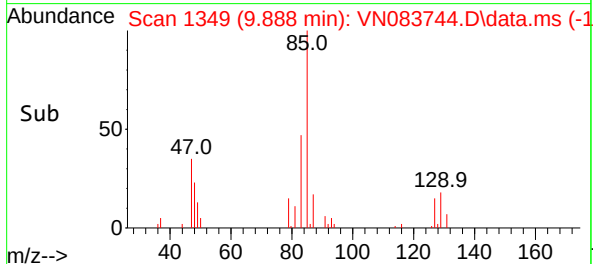
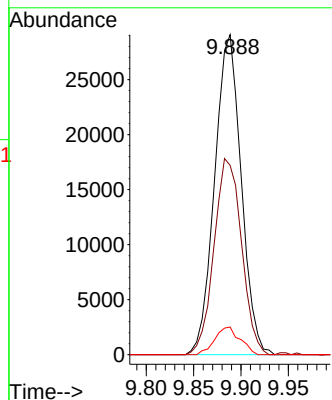
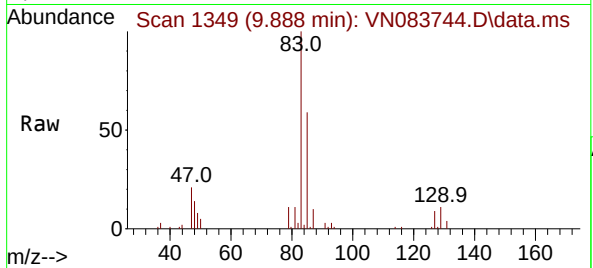
#47
Bromodichloromethane
Concen: 18.951 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 5675
Ion Ratio Lower Upper
83 100
85 59.1 51.8 77.8
127 8.7 6.6 9.8

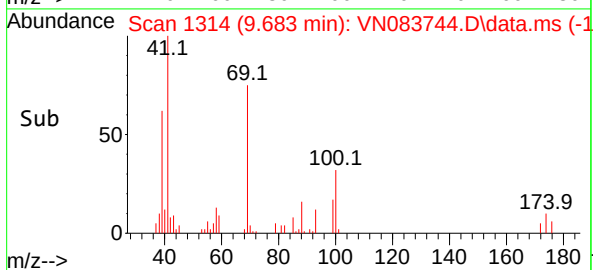
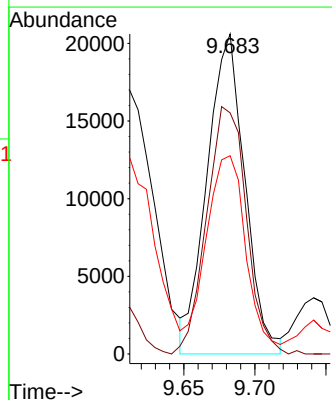
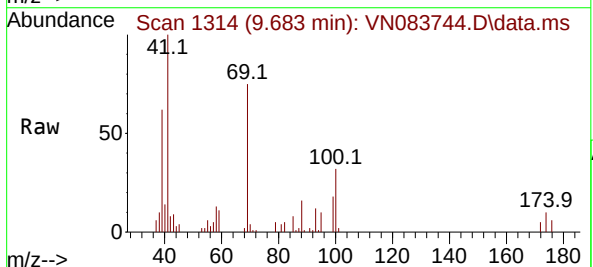
Manual Integrations
APPROVED

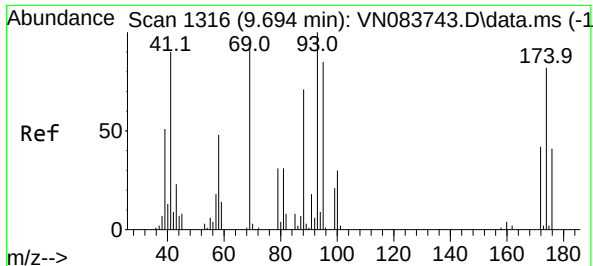
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#48
Methyl methacrylate
Concen: 17.548 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

Tgt Ion: 41 Resp: 38118
Ion Ratio Lower Upper
41 100
69 81.2 64.3 96.5
39 65.9 48.9 73.3





#49

1,4-Dioxane

Concen: 350.099 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN083744.D

Acq: 10 Sep 2024 09:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 88 Resp: 1246

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

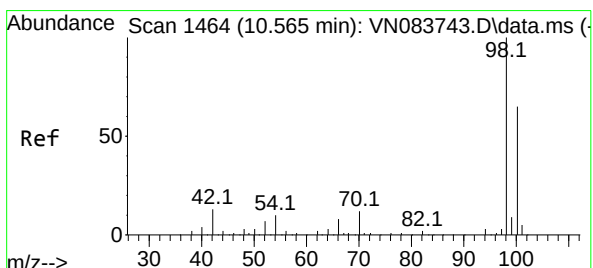
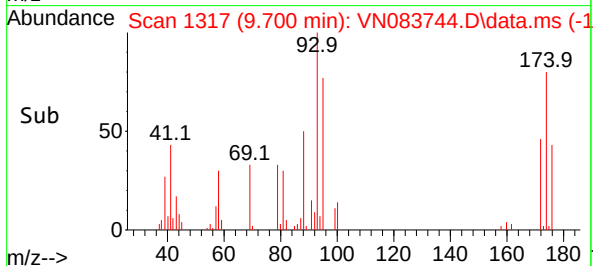
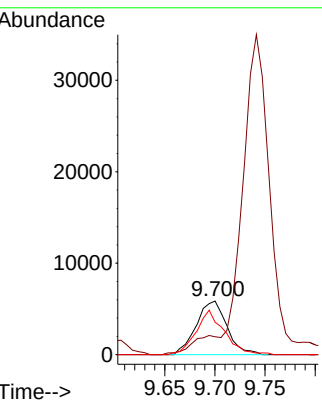
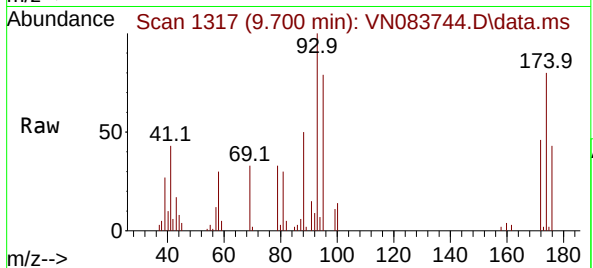
58 76.7 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#50

Toluene-d8

Concen: 20.129 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083744.D

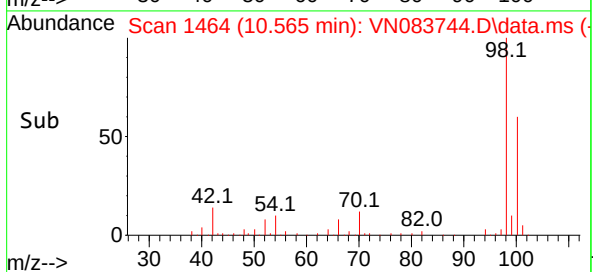
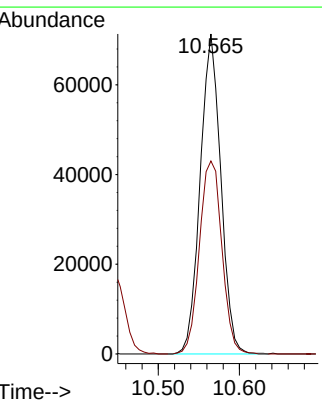
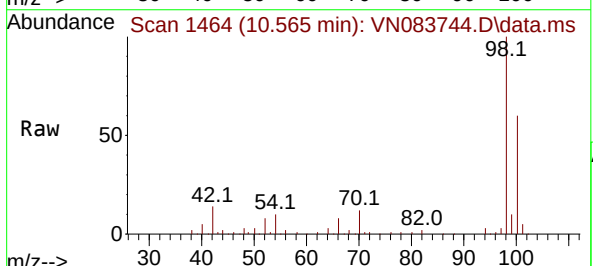
Acq: 10 Sep 2024 09:56

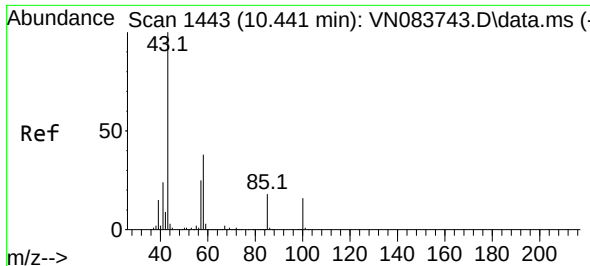
Tgt Ion: 98 Resp: 125940

Ion Ratio Lower Upper

98 100

100 65.7 52.0 78.0





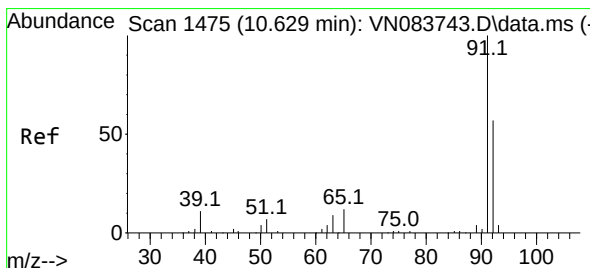
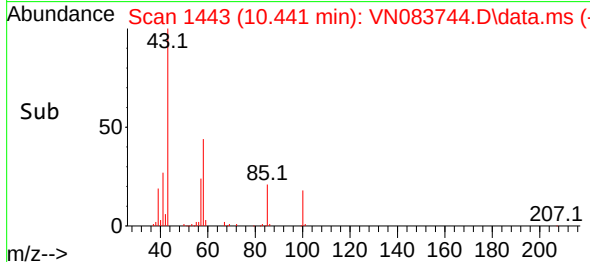
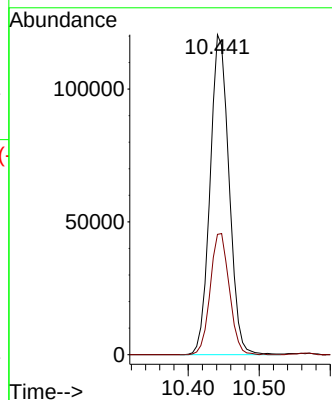
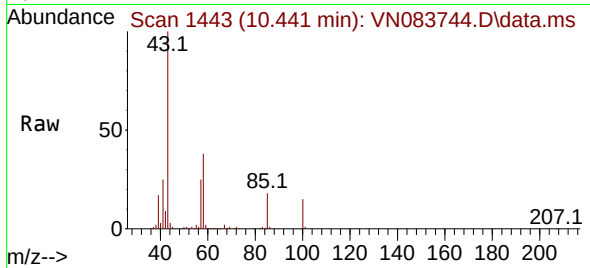
#51
4-Methyl-2-Pentanone
Concen: 90.703 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 22332
Ion Ratio Lower Upper
43 100
58 38.0 31.6 47.4

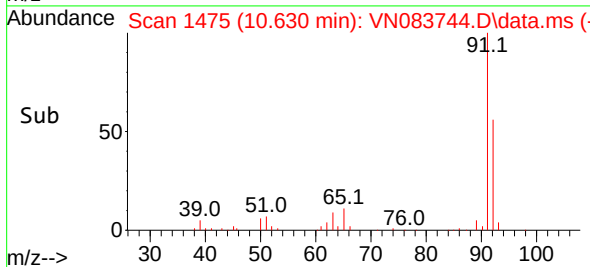
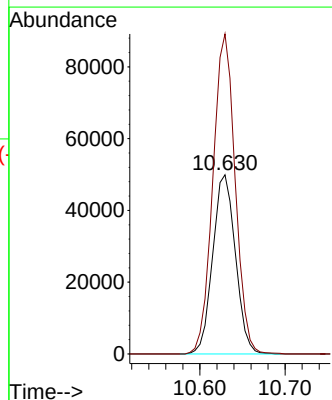
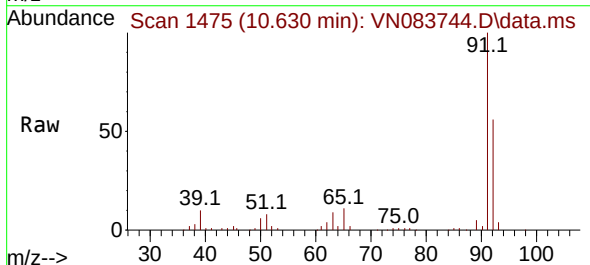
Manual Integrations
APPROVED

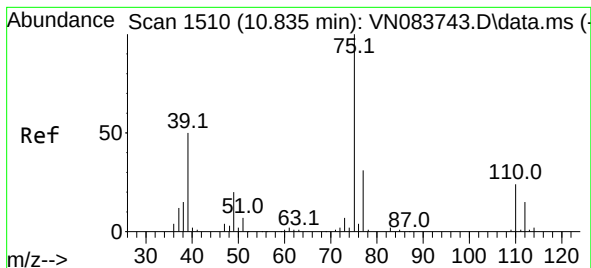
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#52
Toluene
Concen: 18.061 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

Tgt Ion: 92 Resp: 92465
Ion Ratio Lower Upper
92 100
91 175.7 134.7 202.1





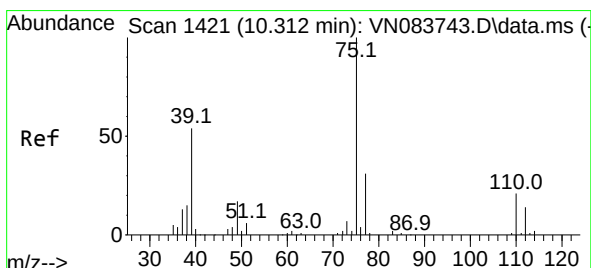
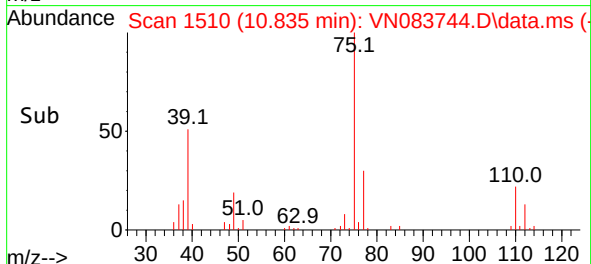
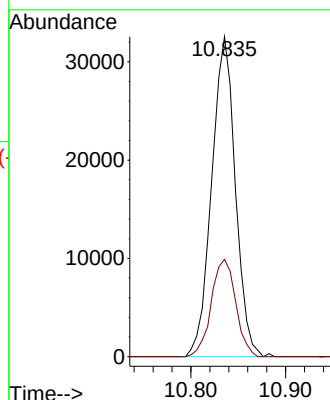
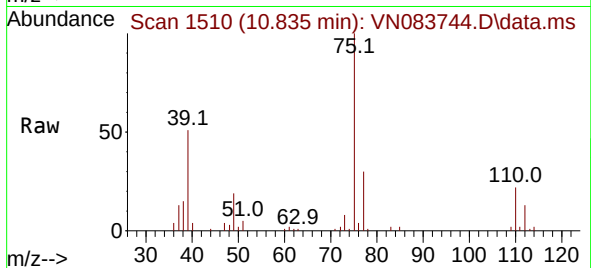
#53
t-1,3-Dichloropropene
Concen: 18.259 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 5660
Ion Ratio Lower Upper
75 100
77 30.4 25.8 38.6

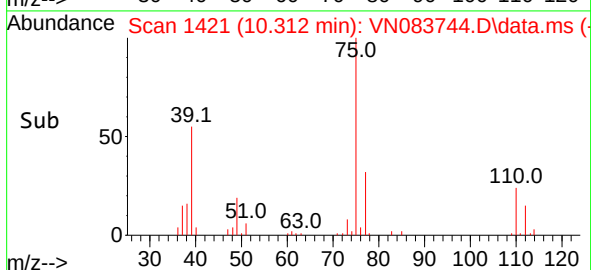
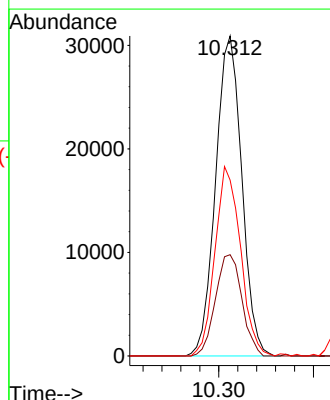
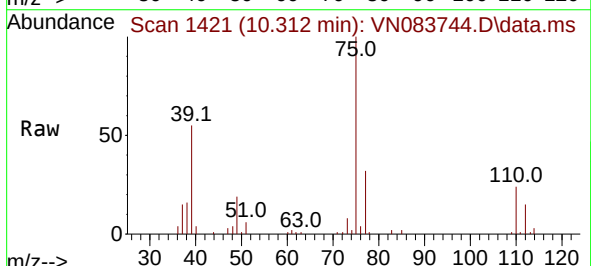
Manual Integrations
APPROVED

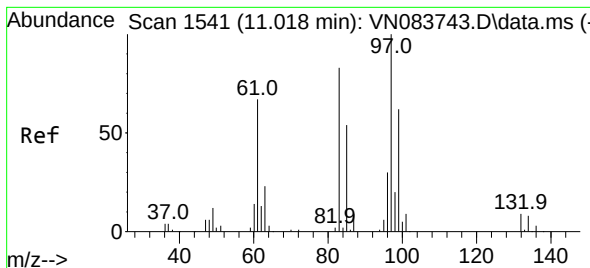
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#54
cis-1,3-Dichloropropene
Concen: 18.226 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

Tgt Ion: 75 Resp: 59309
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.6
39 55.0 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 18.499 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN083744.D

Acq: 10 Sep 2024 09:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 3380

Ion Ratio Lower Upper

97 100

83 85.5 67.5 101.3

85 54.7 44.2 66.2

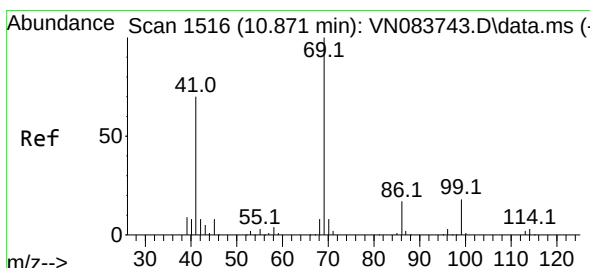
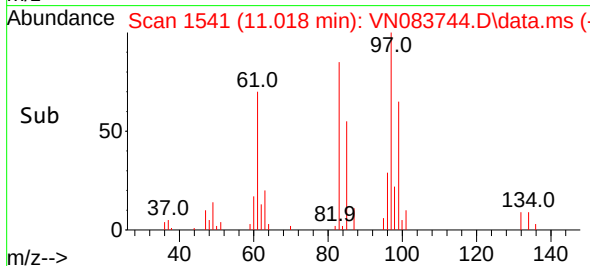
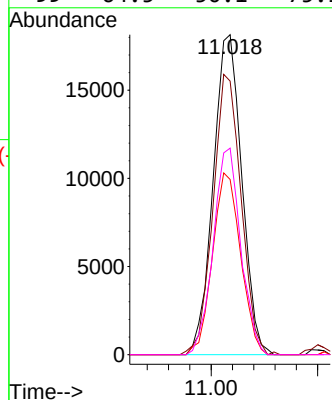
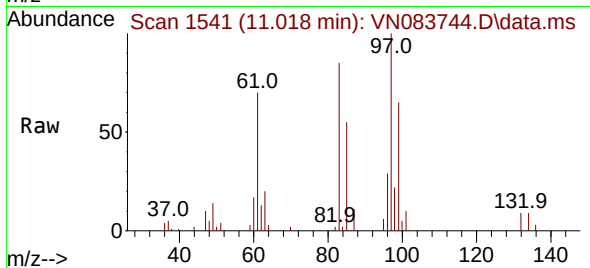
99 64.5 50.1 75.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#56

Ethyl methacrylate

Concen: 18.193 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VN083744.D

Acq: 10 Sep 2024 09:56

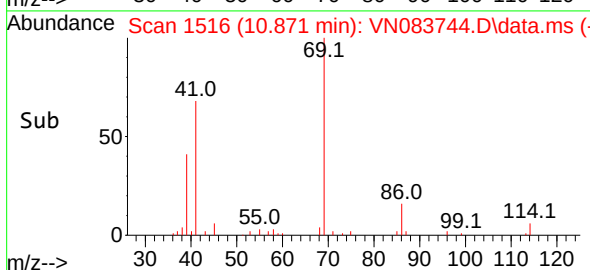
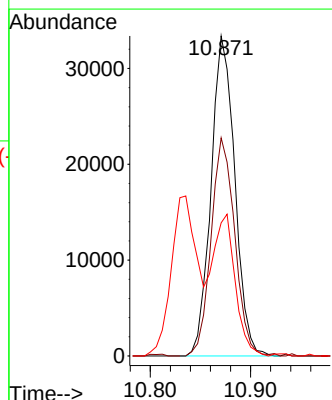
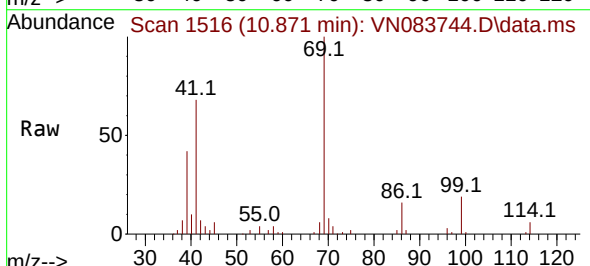
Tgt Ion: 69 Resp: 54996

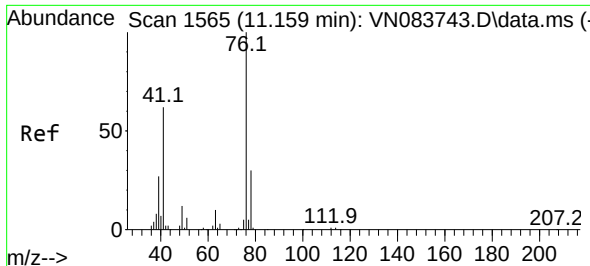
Ion Ratio Lower Upper

69 100

41 68.0 53.9 80.9

39 42.9 32.6 48.8





#57

1,3-Dichloropropane

Concen: 18.523 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN083744.D

Acq: 10 Sep 2024 09:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 5992

Ion Ratio Lower Upper

76 100

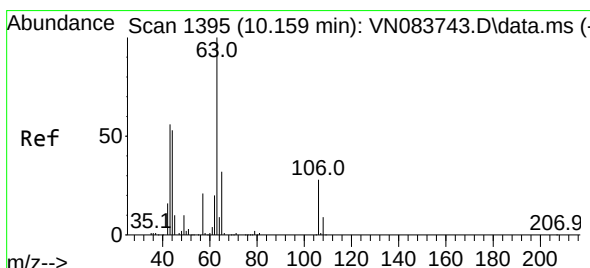
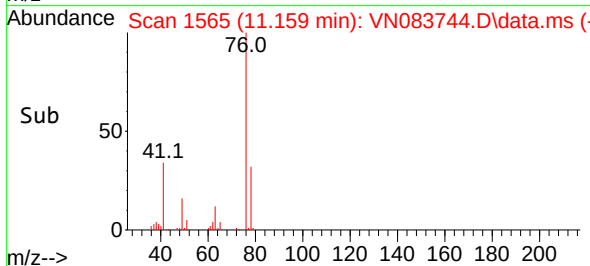
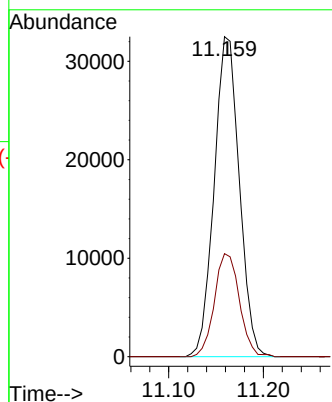
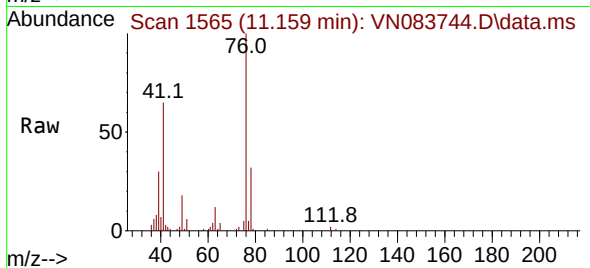
78 32.0 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#58

2-Chloroethyl Vinyl ether

Concen: 57.996 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN083744.D

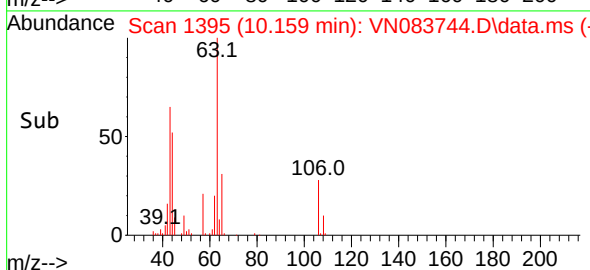
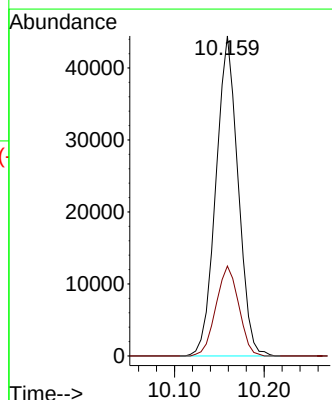
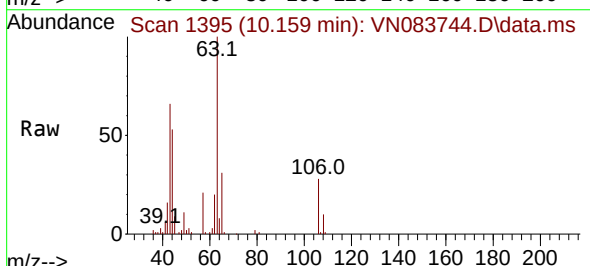
Acq: 10 Sep 2024 09:56

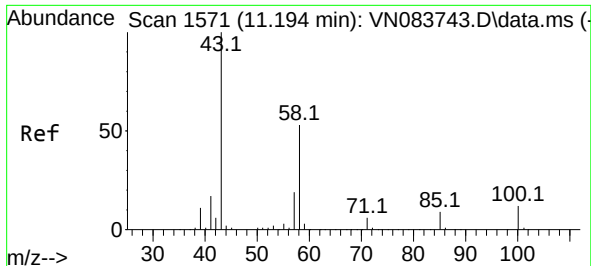
Tgt Ion: 63 Resp: 76178

Ion Ratio Lower Upper

63 100

106 28.8 23.3 34.9





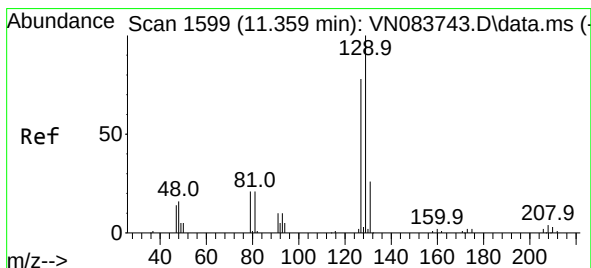
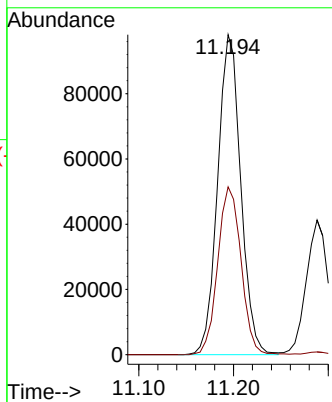
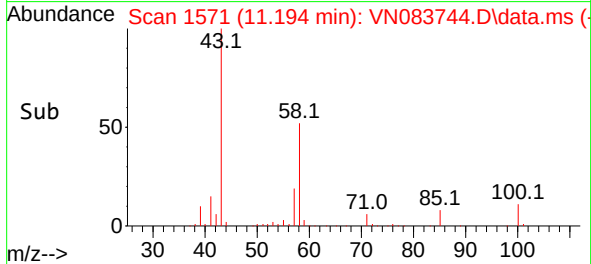
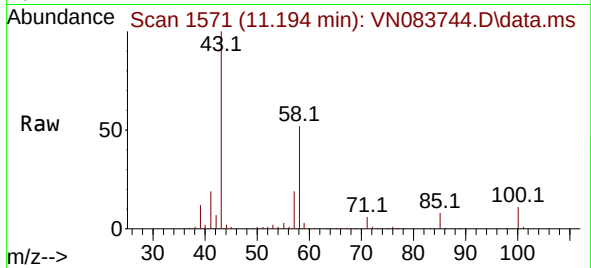
#59
2-Hexanone
Concen: 90.086 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 16645
Ion Ratio Lower Upper
43 100
58 52.9 27.2 81.5

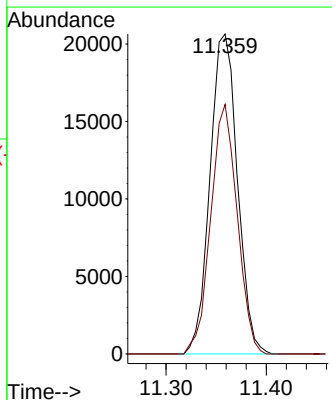
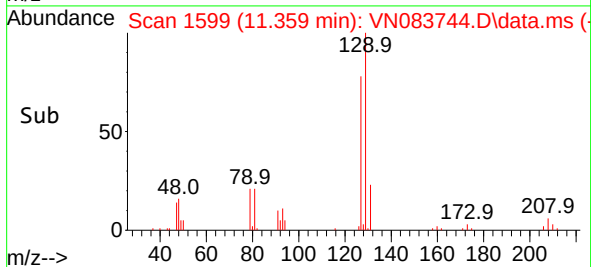
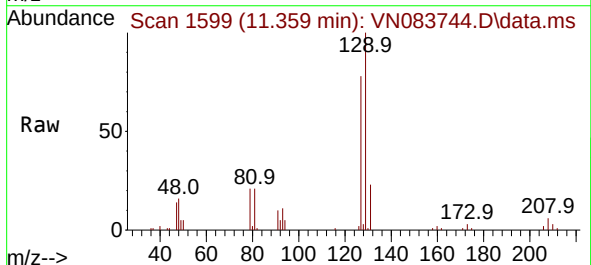
Manual Integrations
APPROVED

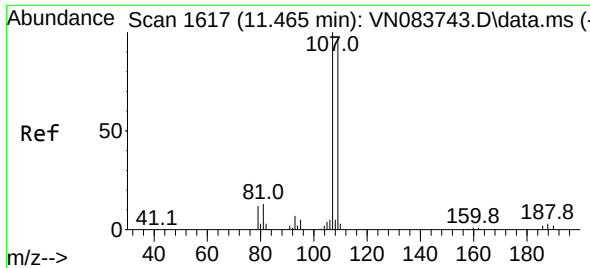
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#60
Dibromochloromethane
Concen: 18.572 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

Tgt Ion:129 Resp: 39322
Ion Ratio Lower Upper
129 100
127 75.1 39.0 116.9





#61
1,2-Dibromoethane
Concen: 18.202 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

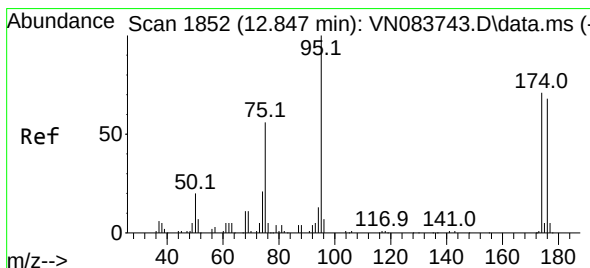
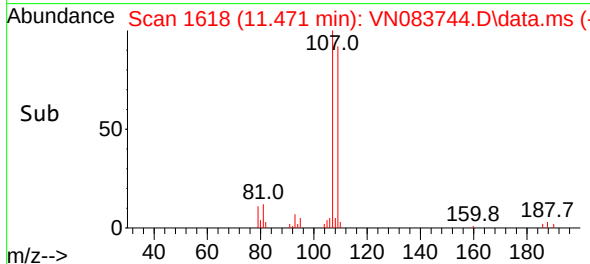
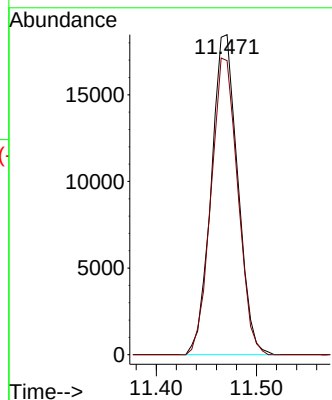
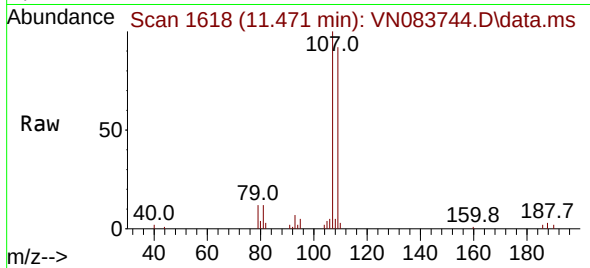
Tgt Ion:107 Resp: 33980
Ion Ratio Lower Upper
107 100
109 93.2 75.6 113.4

Manual Integrations

APPROVED

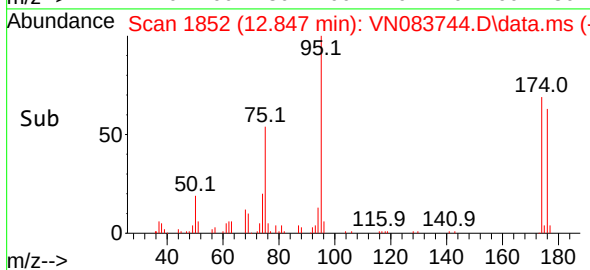
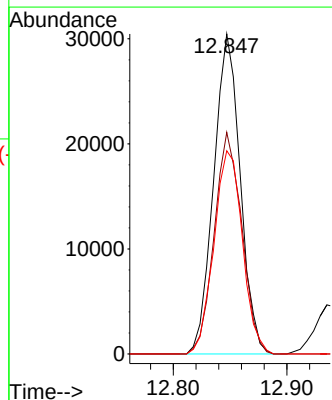
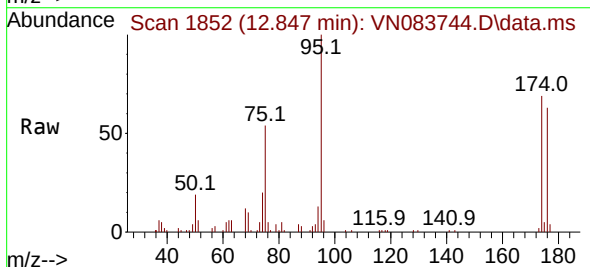
Reviewed By :John Carlone 09/11/2024

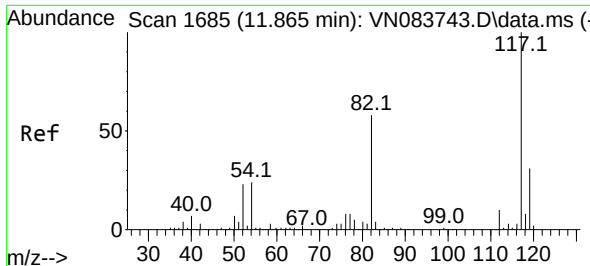
Supervised By :Semsettin Yesilyurt 09/11/2024



#62
4-Bromofluorobenzene
Concen: 19.631 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

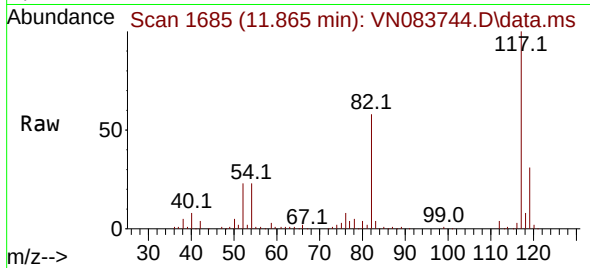
Tgt Ion: 95 Resp: 49404
Ion Ratio Lower Upper
95 100
174 71.8 0.0 139.8
176 68.4 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

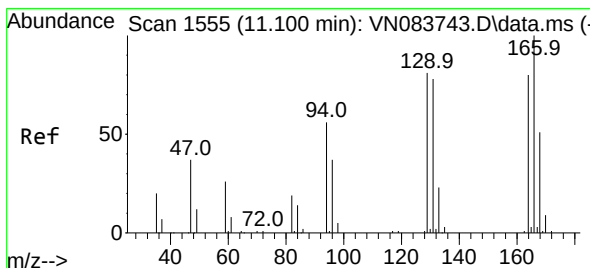
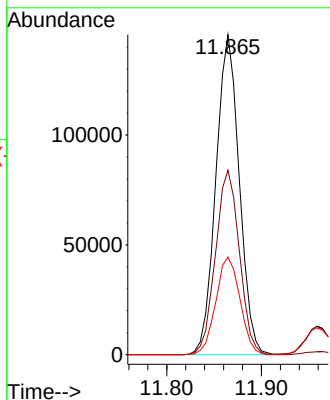
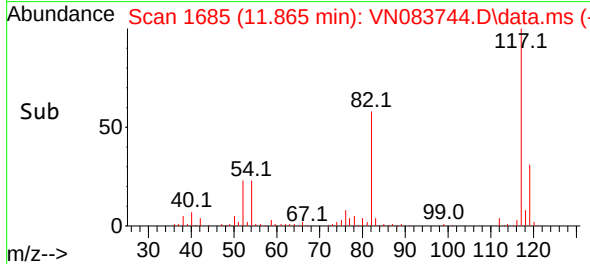
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:117 Resp: 250204
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.0
119 30.5 26.3 39.5

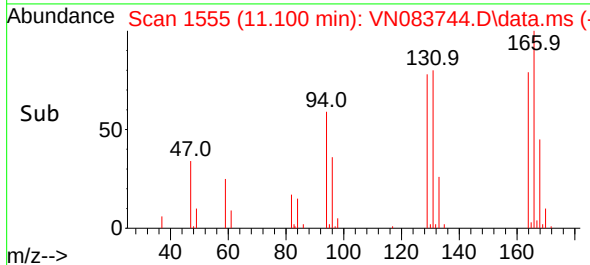
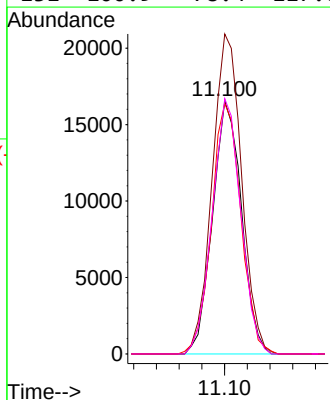
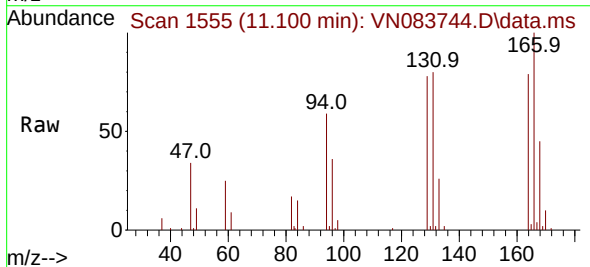
Manual Integrations
APPROVED

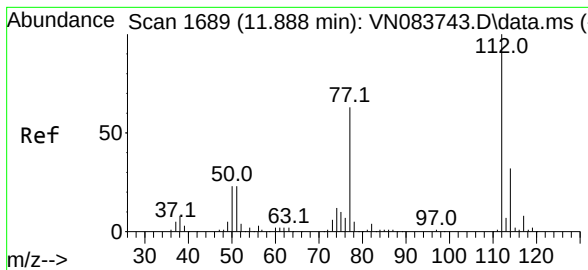
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#64
Tetrachloroethene
Concen: 17.770 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

Tgt Ion:164 Resp: 29225
Ion Ratio Lower Upper
164 100
166 126.5 103.7 155.5
129 99.1 79.9 119.9
131 100.9 78.4 117.6





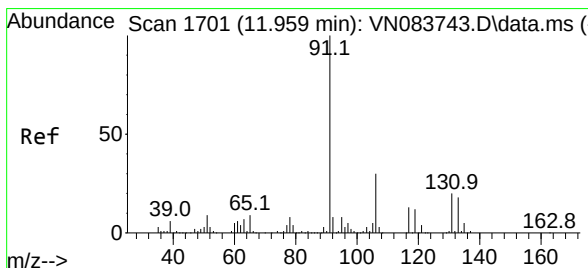
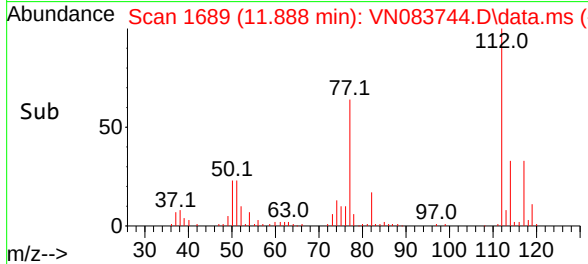
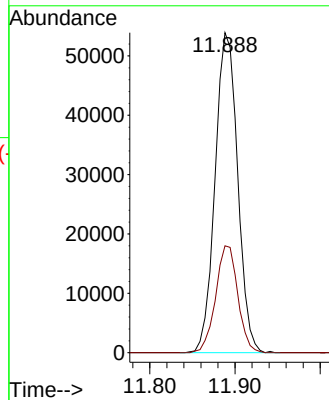
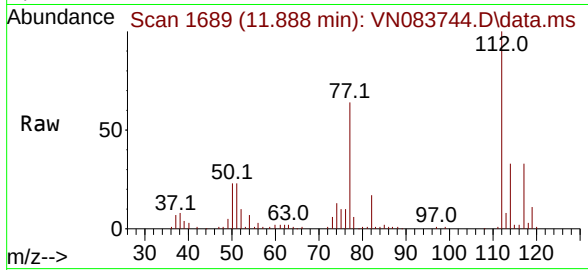
#65
Chlorobenzene
Concen: 17.652 ug/l
RT: 11.888 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 9904
Ion Ratio Lower Upper
112 100
114 33.4 25.7 38.5

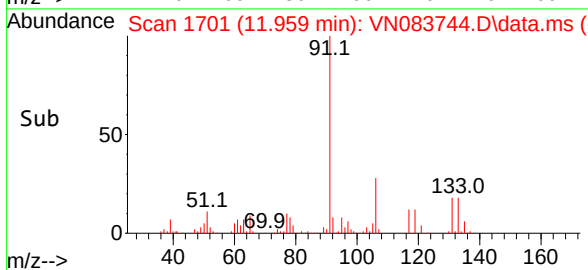
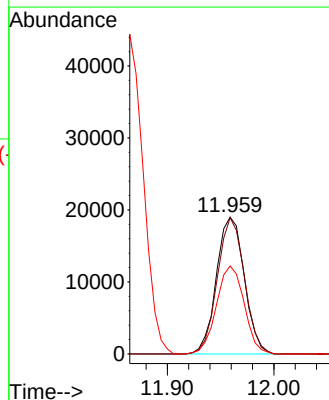
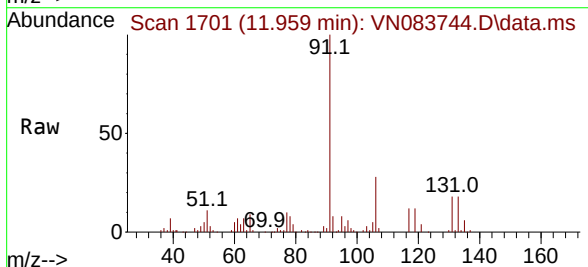
Manual Integrations
APPROVED

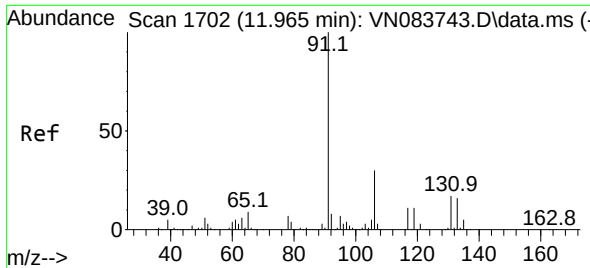
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 18.228 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

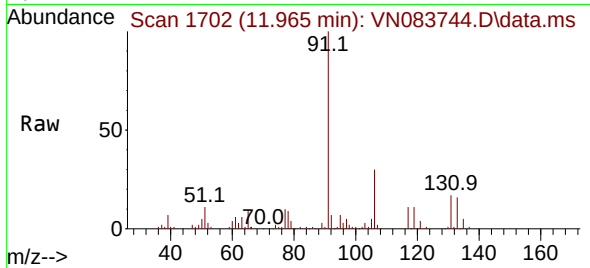
Tgt Ion:131 Resp: 34533
Ion Ratio Lower Upper
131 100
133 96.5 47.5 142.6
119 63.8 31.6 94.8





#67
Ethyl Benzene
Concen: 17.990 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

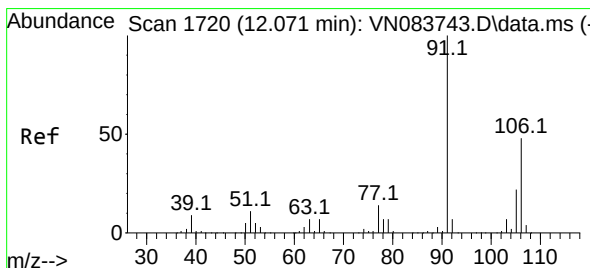
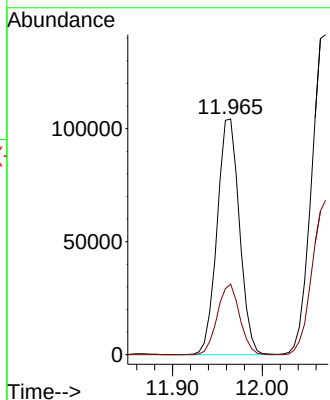
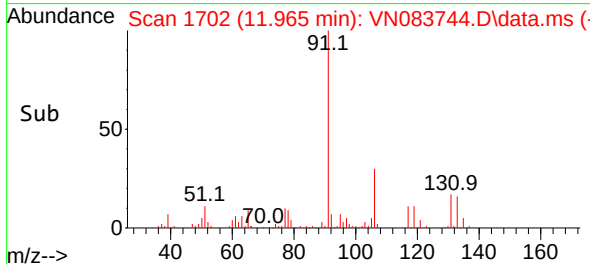
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



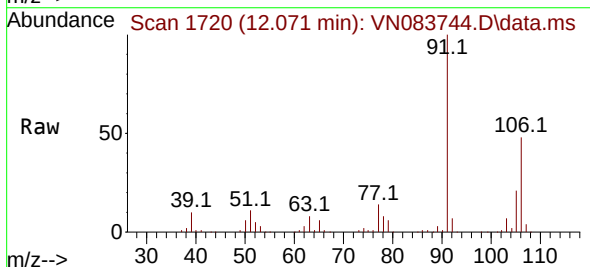
Tgt Ion: 91 Resp: 180180
Ion Ratio Lower Upper
91 100
106 30.0 24.3 36.5

Manual Integrations
APPROVED

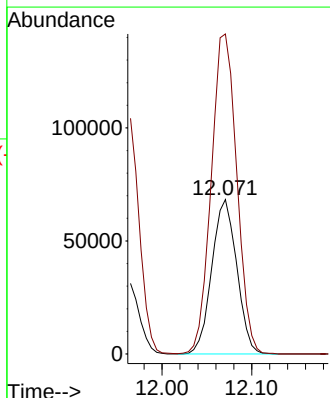
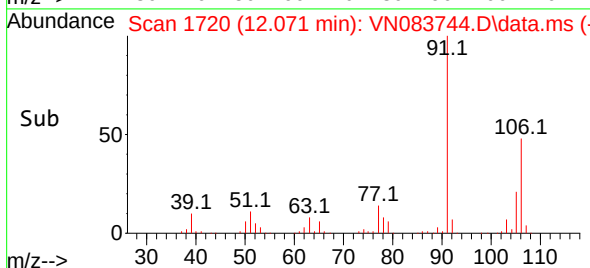
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

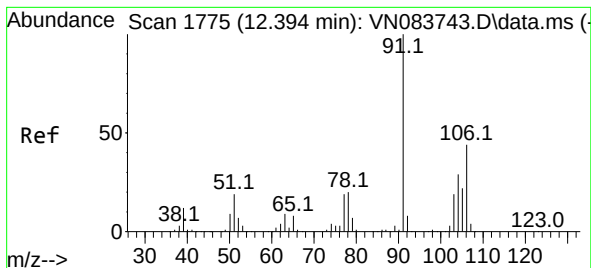


#68
m/p-Xylenes
Concen: 34.925 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56



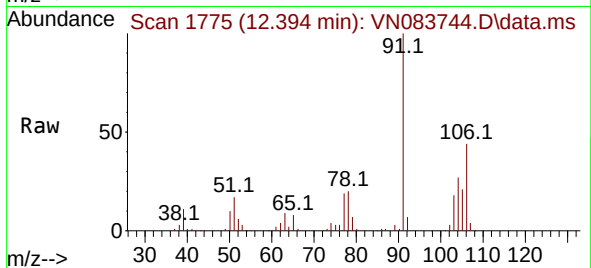
Tgt Ion:106 Resp: 131781
Ion Ratio Lower Upper
106 100
91 212.4 169.2 253.8





#69
o-Xylene
Concen: 17.868 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

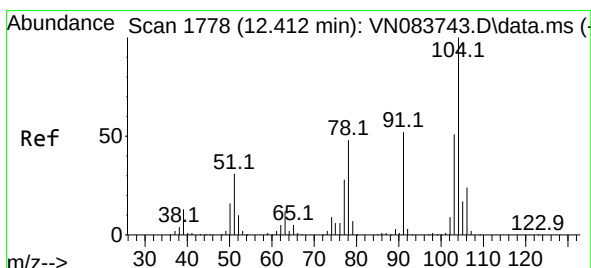
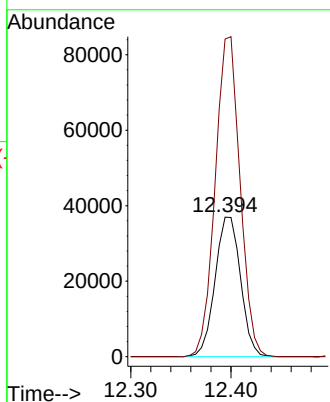
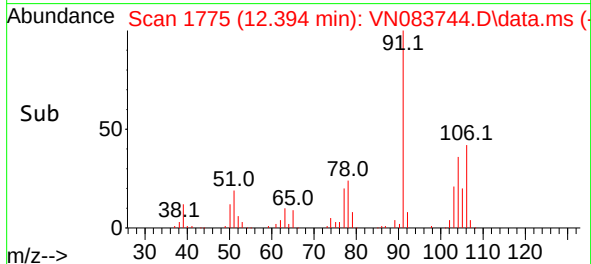
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



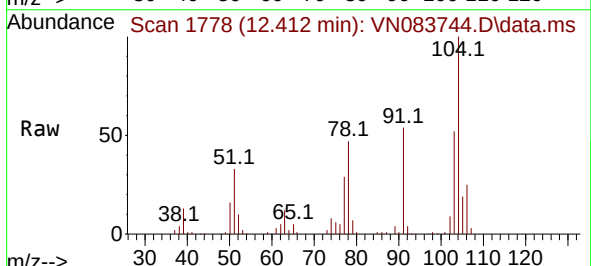
Tgt Ion:106 Resp: 6516
Ion Ratio Lower Upper
106 100
91 223.8 112.9 338.6

Manual Integrations
APPROVED

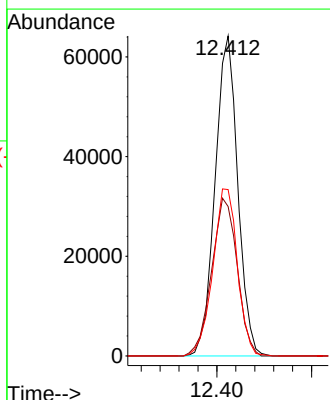
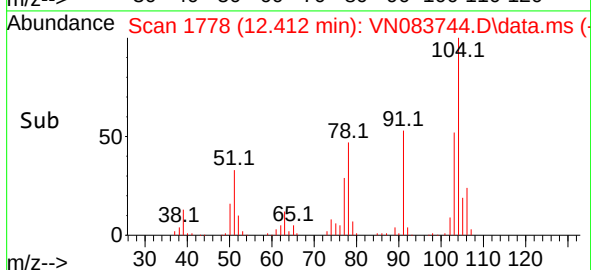
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

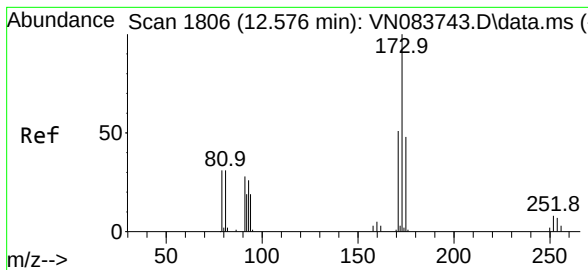


#70
Styrene
Concen: 17.390 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56



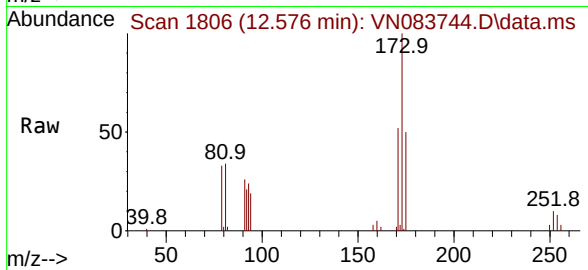
Tgt Ion:104 Resp: 106635
Ion Ratio Lower Upper
104 100
78 55.6 43.3 64.9
103 56.6 43.4 65.2





#71
Bromoform
Concen: 17.117 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

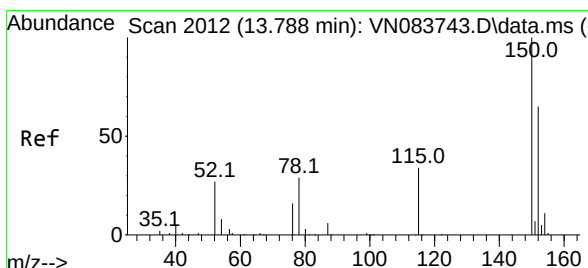
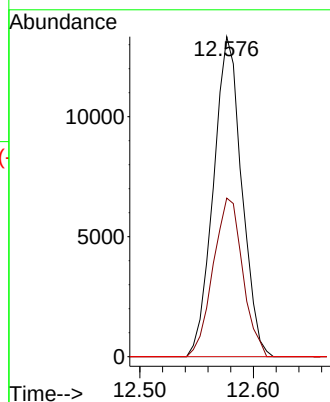
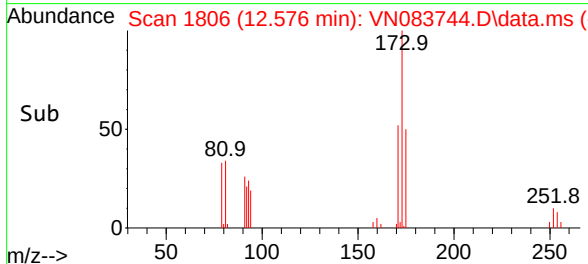
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



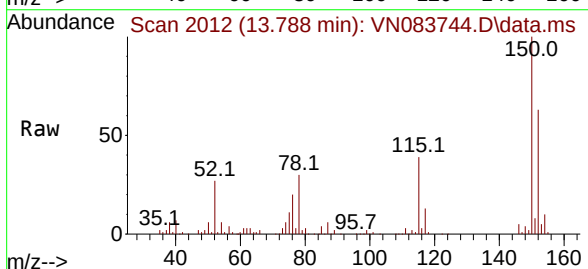
Tgt Ion:173 Resp: 23098
Ion Ratio Lower Upper
173 100
175 51.8 24.1 72.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

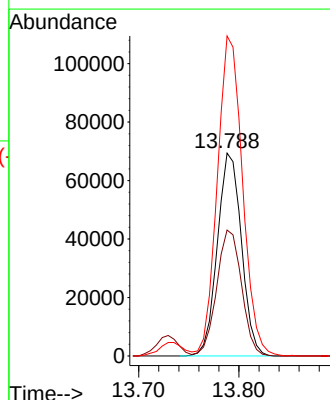
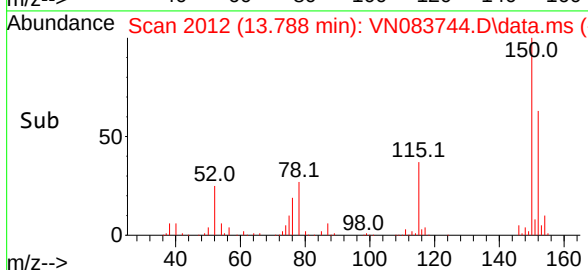
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

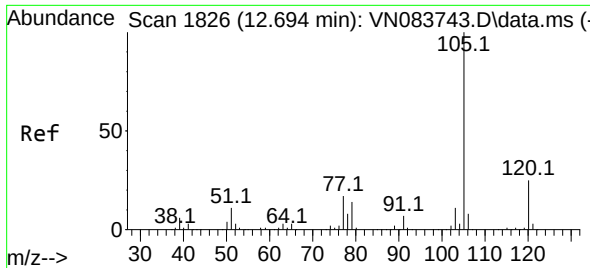


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56



Tgt Ion:152 Resp: 115572
Ion Ratio Lower Upper
152 100
115 64.1 32.2 96.6
150 165.7 0.0 348.6





#73
Isopropylbenzene
Concen: 18.102 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

Instrument :

MSVOA_N

ClientSampleId :

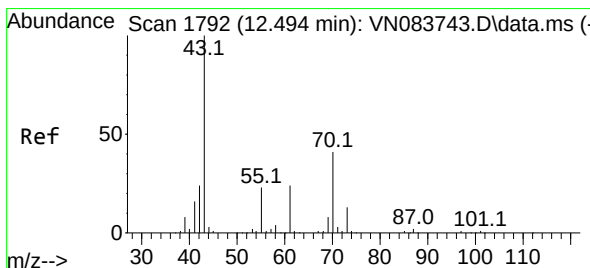
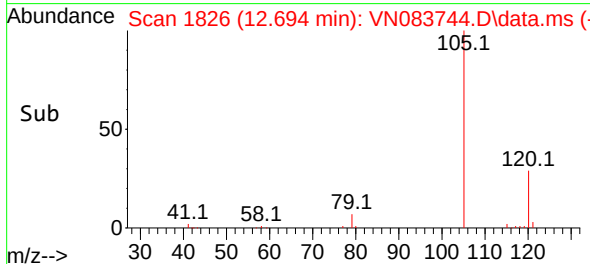
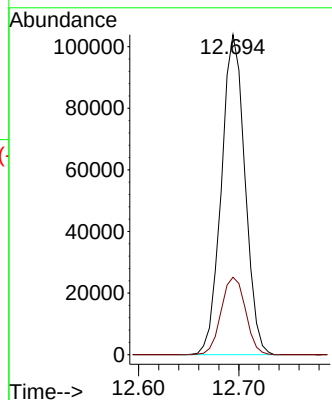
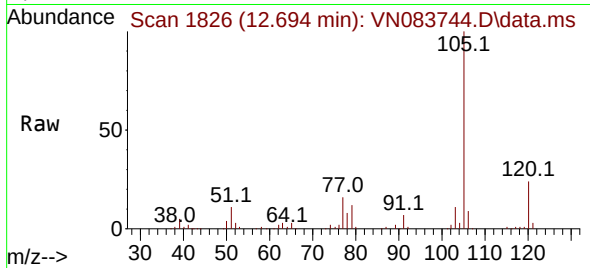
VSTDICC020

Tgt Ion:105 Resp: 16933
Ion Ratio Lower Upper
105 100
120 24.9 12.6 37.8

Manual Integrations

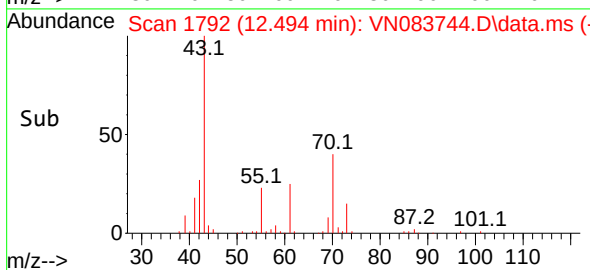
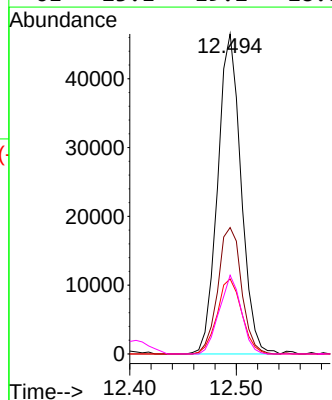
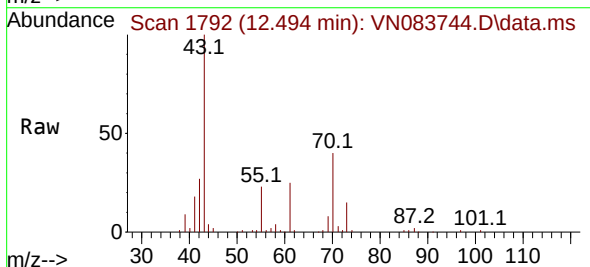
APPROVED

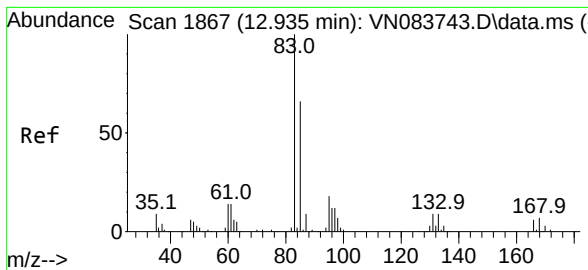
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#74
N-ethyl acetate
Concen: 17.415 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

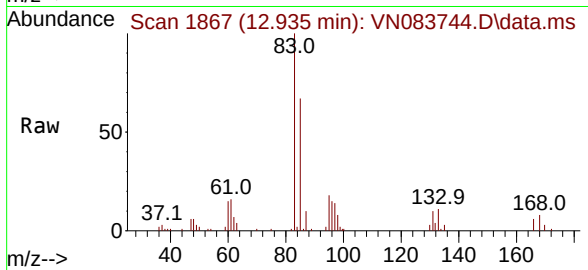
Tgt Ion: 43 Resp: 70708
Ion Ratio Lower Upper
43 100
70 40.1 34.5 51.7
55 24.7 18.6 28.0
61 23.1 19.2 28.8





#75
1,1,2,2-Tetrachloroethane
Concen: 18.030 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

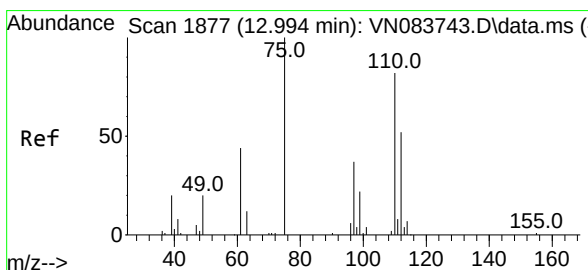
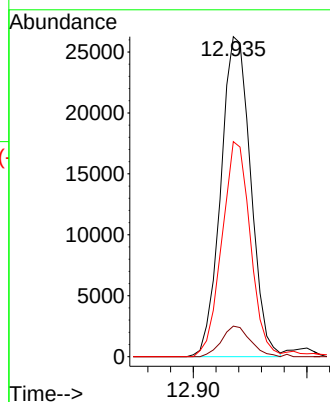
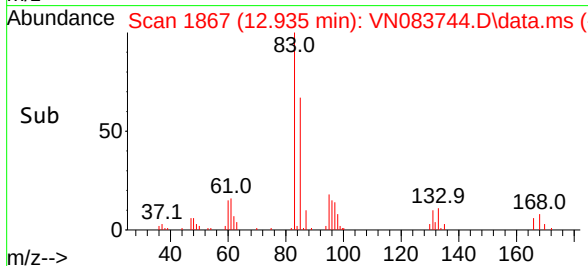
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



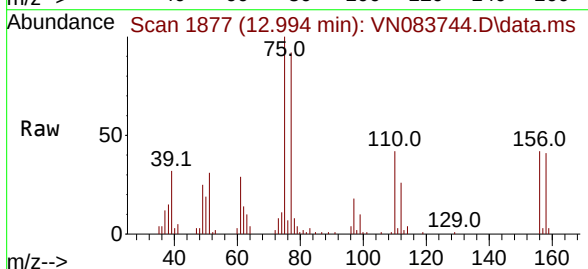
Tgt Ion: 83 Resp: 47879
Ion Ratio Lower Upper
83 100
131 9.2 5.2 15.6
85 64.4 31.9 95.9

Manual Integrations
APPROVED

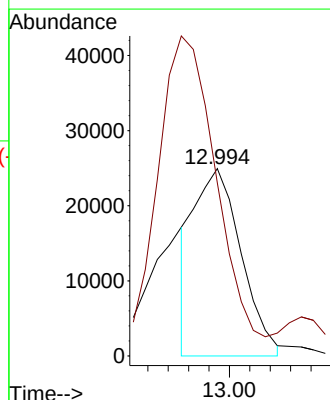
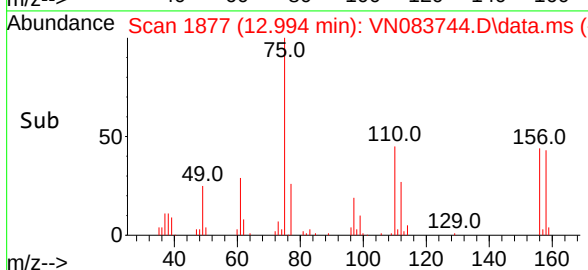
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

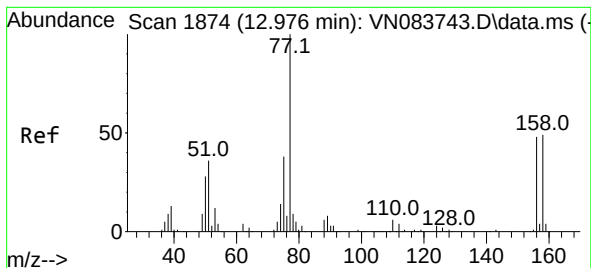


#76
1,2,3-Trichloropropane
Concen: 17.164 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56



Tgt Ion: 75 Resp: 40051
Ion Ratio Lower Upper
75 100
77 216.6 95.2 285.6





#77

Bromobenzene

Concen: 17.728 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN083744.D

Acq: 10 Sep 2024 09:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

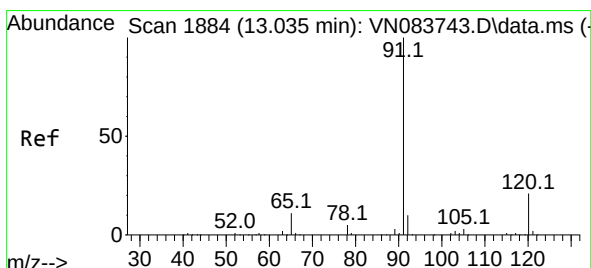
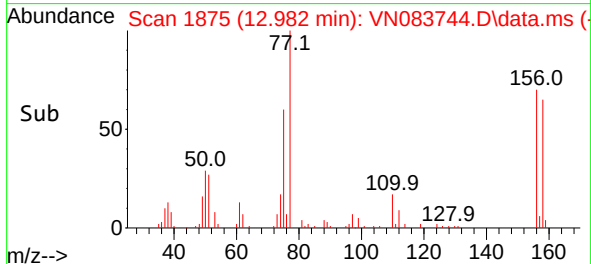
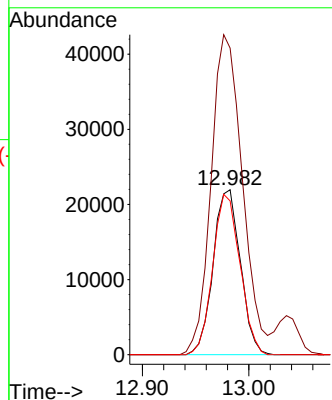
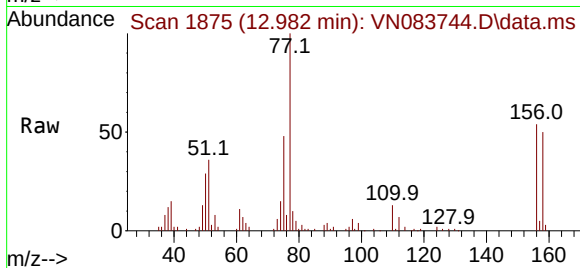
Tgt Ion:156 Resp: 3890
 Ion Ratio Lower Upper
 156 100
 77 222.9 114.3 343.1
 158 97.4 48.9 146.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#78

n-propylbenzene

Concen: 17.942 ug/l

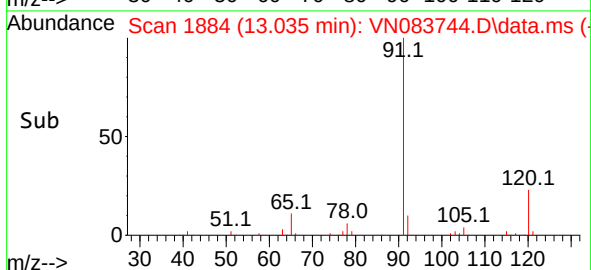
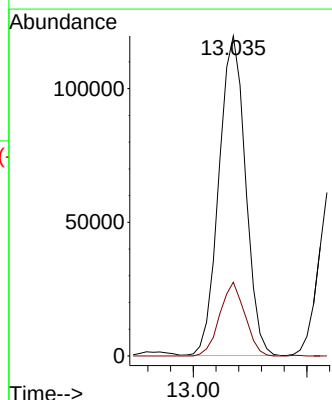
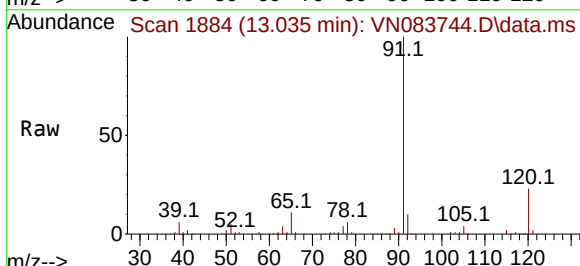
RT: 13.035 min Scan# 1884

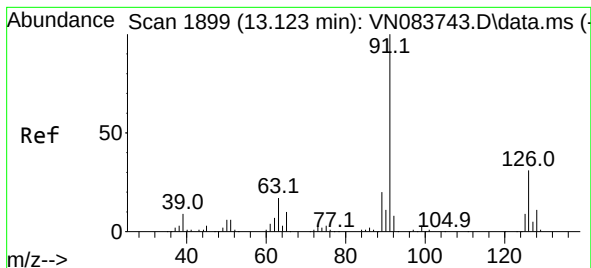
Delta R.T. 0.000 min

Lab File: VN083744.D

Acq: 10 Sep 2024 09:56

Tgt Ion: 91 Resp: 194039
 Ion Ratio Lower Upper
 91 100
 120 21.8 11.0 33.0





#79

2-Chlorotoluene

Concen: 17.800 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN083744.D

Acq: 10 Sep 2024 09:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 124744

Ion Ratio Lower Upper

91 100

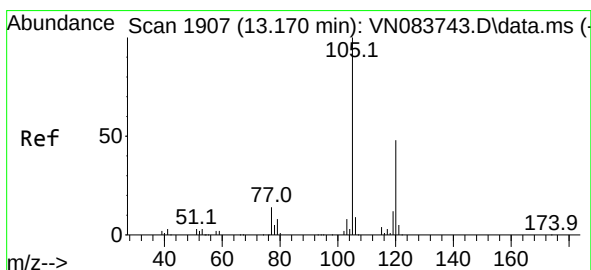
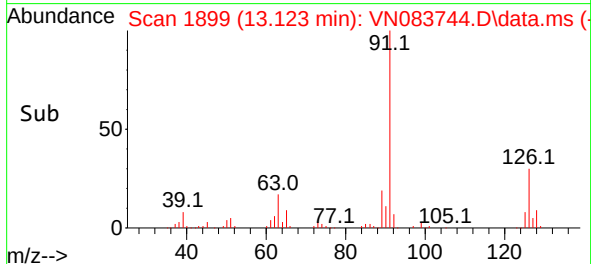
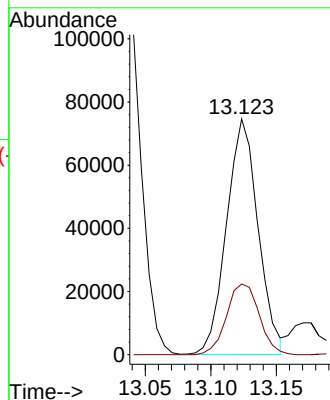
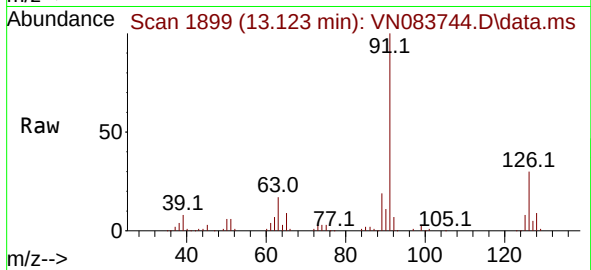
126 31.0 15.4 46.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#80

1,3,5-Trimethylbenzene

Concen: 17.855 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN083744.D

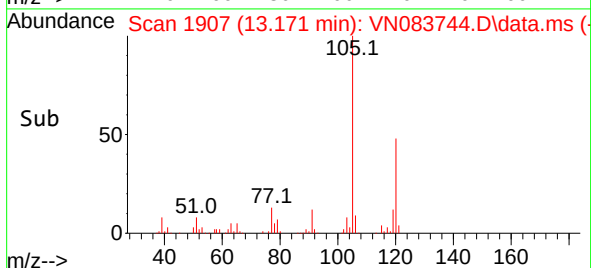
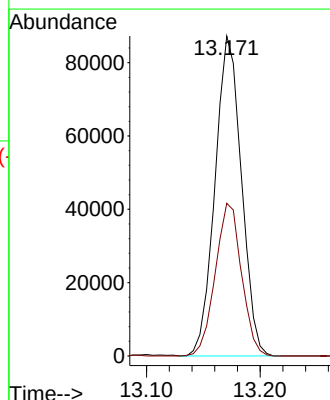
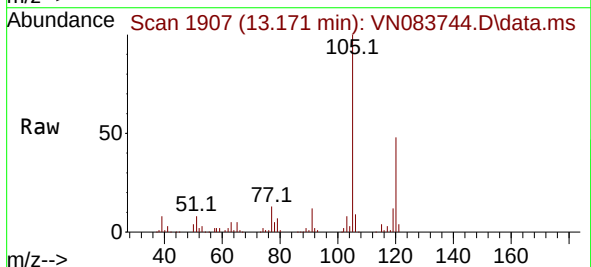
Acq: 10 Sep 2024 09:56

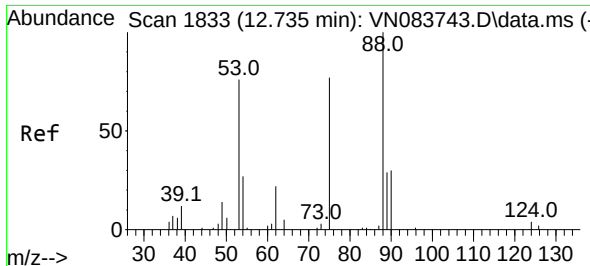
Tgt Ion:105 Resp: 140701

Ion Ratio Lower Upper

105 100

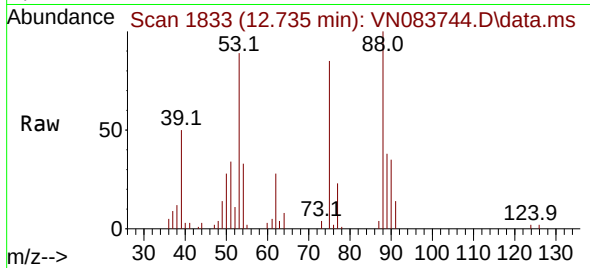
120 47.5 23.4 70.3





#81
trans-1,4-Dichloro-2-butene
Concen: 19.349 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

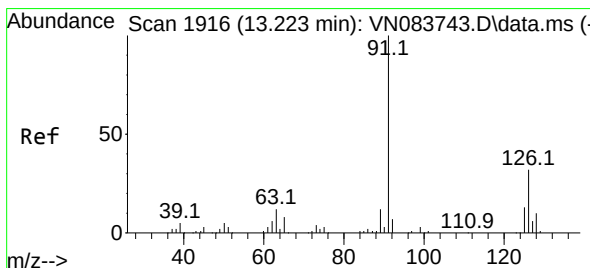
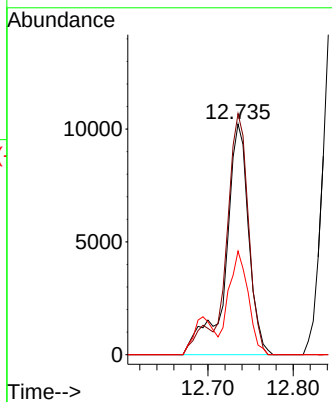
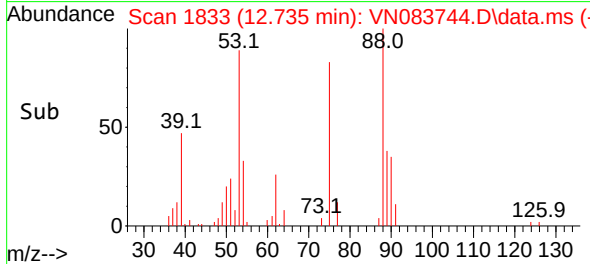
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



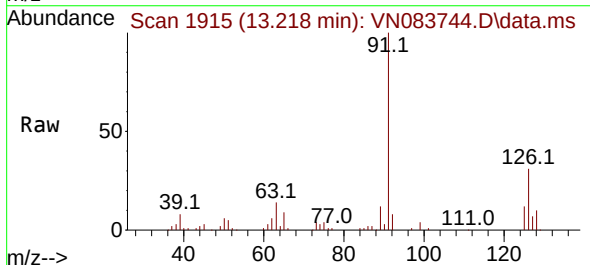
Tgt Ion: 75 Resp: 1914
Ion Ratio Lower Upper
75 100
53 93.1 81.2 121.8
89 38.3 35.7 53.5

Manual Integrations
APPROVED

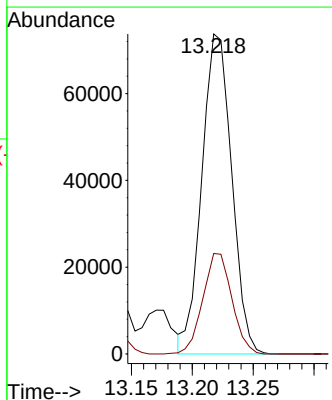
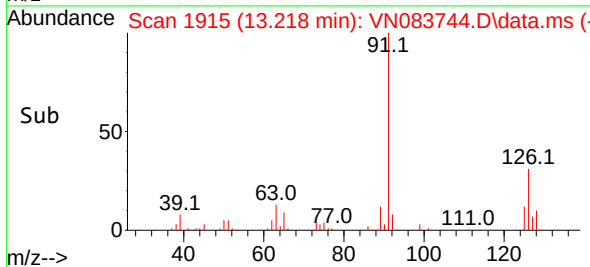
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

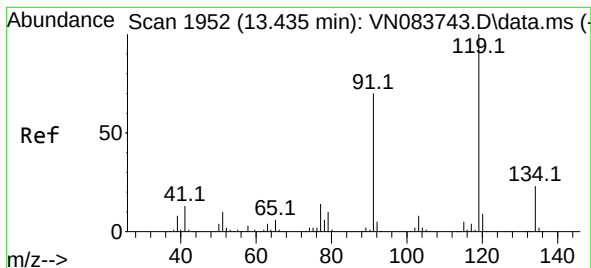


#82
4-Chlorotoluene
Concen: 17.670 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56



Tgt Ion: 91 Resp: 125803
Ion Ratio Lower Upper
91 100
126 30.6 15.4 46.2





#83

tert-Butylbenzene

Concen: 17.672 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN083744.D

Acq: 10 Sep 2024 09:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:119 Resp: 12381

Ion Ratio Lower Upper

119 100

91 70.7 34.5 103.6

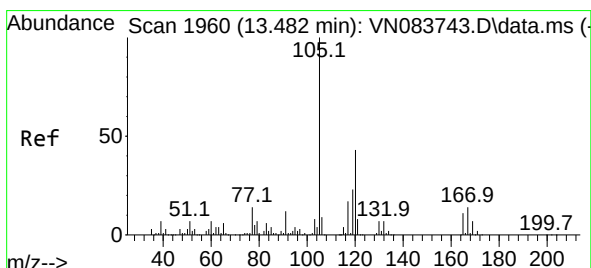
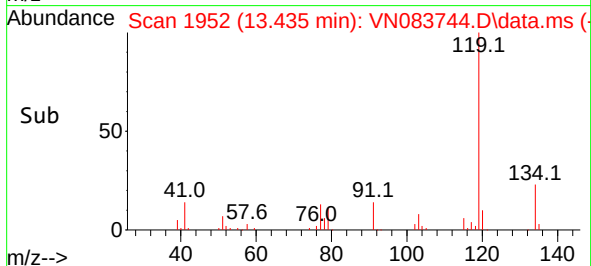
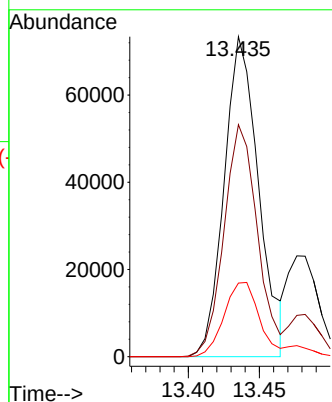
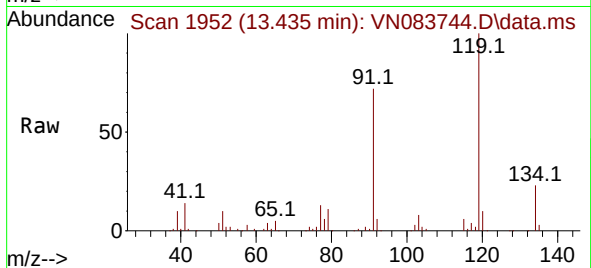
134 26.2 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#84

1,2,4-Trimethylbenzene

Concen: 18.189 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN083744.D

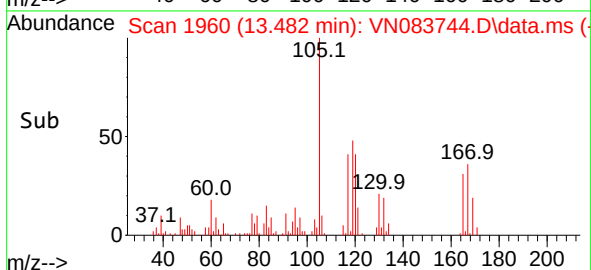
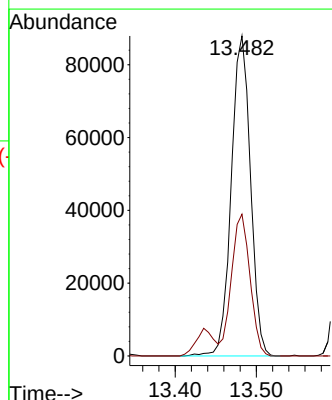
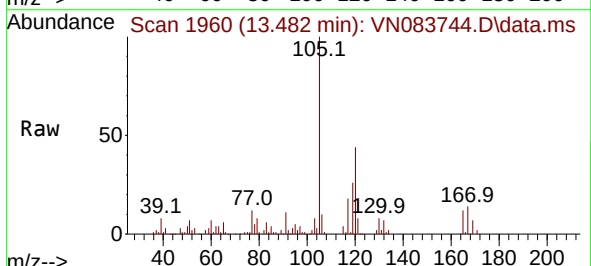
Acq: 10 Sep 2024 09:56

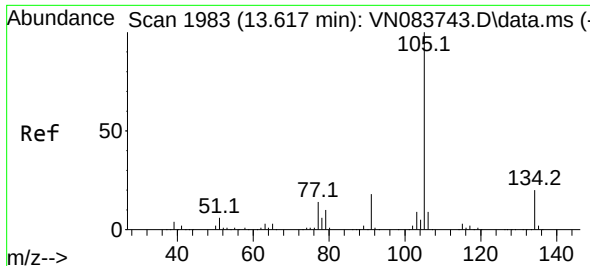
Tgt Ion:105 Resp: 144269

Ion Ratio Lower Upper

105 100

120 42.9 21.8 65.4





#85
 sec-Butylbenzene
 Concen: 17.484 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083744.D
 Acq: 10 Sep 2024 09:56

Instrument :

MSVOA_N

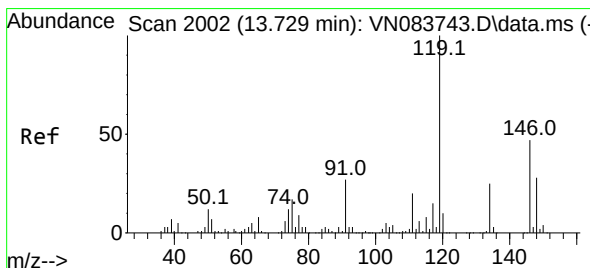
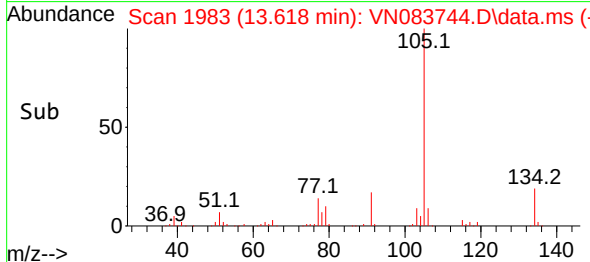
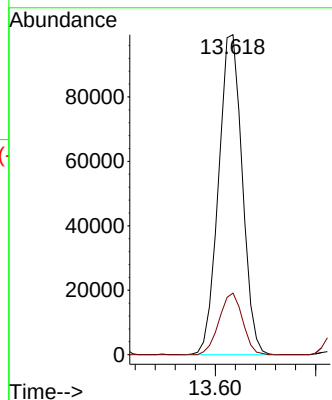
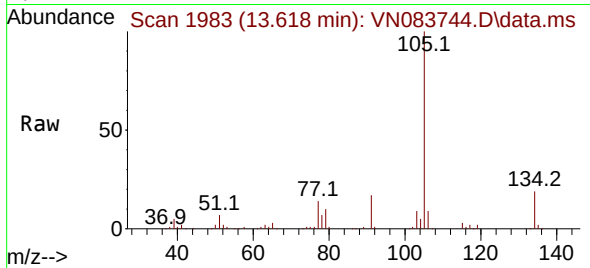
ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 16281
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.7 29.1

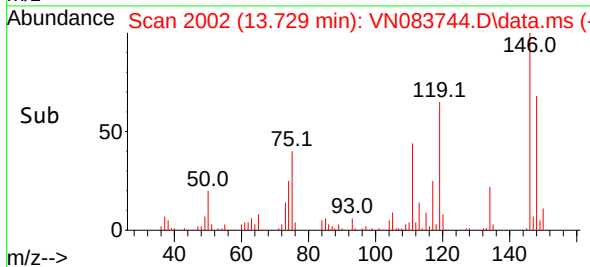
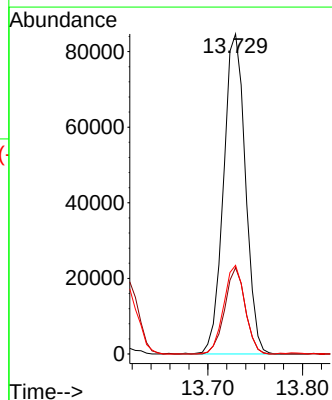
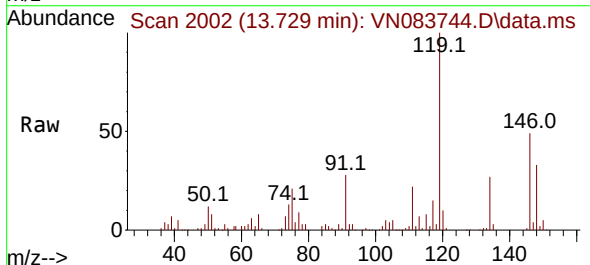
Manual Integrations
 APPROVED

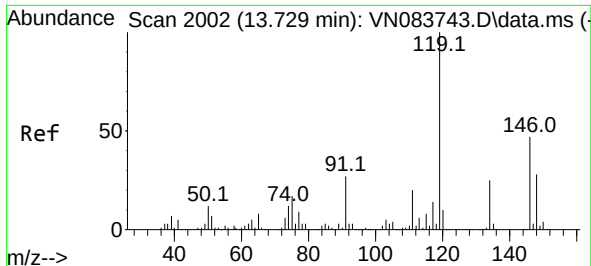
Reviewed By :John Carlone 09/11/2024
 Supervised By :Semsettin Yesilyurt 09/11/2024



#86
 p-Isopropyltoluene
 Concen: 17.419 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083744.D
 Acq: 10 Sep 2024 09:56

Tgt Ion:119 Resp: 135479
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.8 38.3
 91 26.8 12.9 38.7





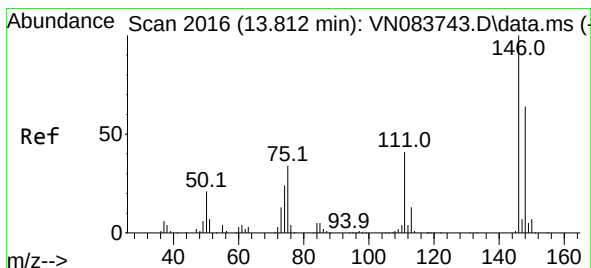
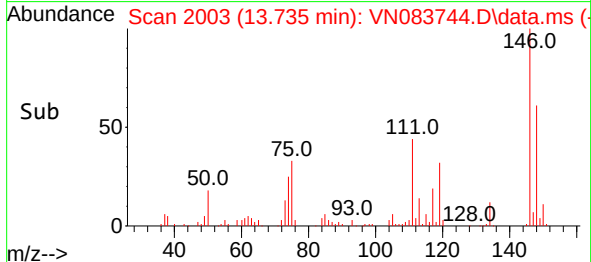
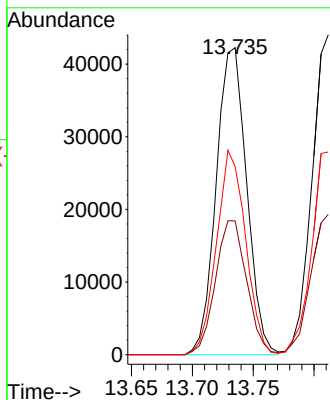
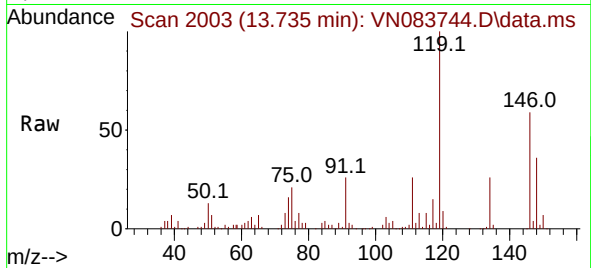
#87
1,3-Dichlorobenzene
Concen: 17.314 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 73759
Ion Ratio Lower Upper
146 100
111 44.8 21.7 65.1
148 63.8 31.7 95.1

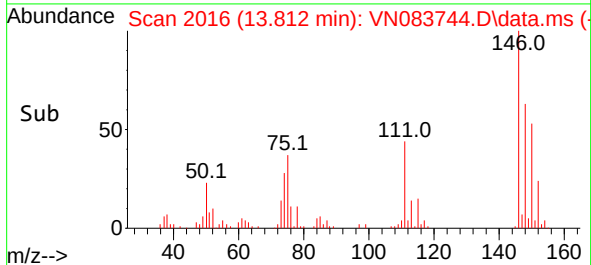
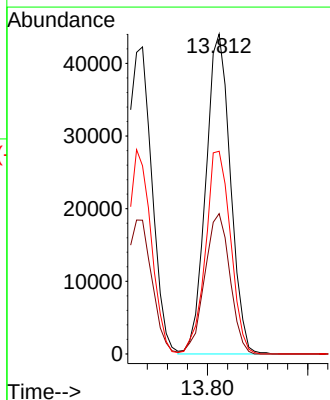
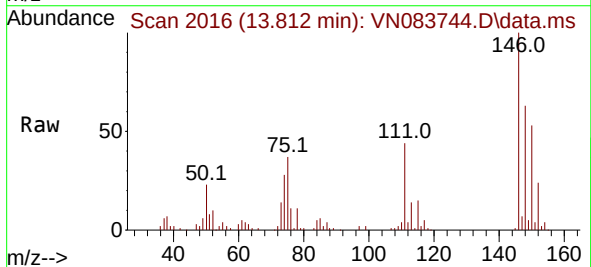
Manual Integrations
APPROVED

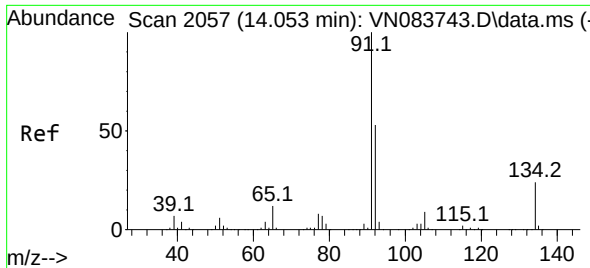
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#88
1,4-Dichlorobenzene
Concen: 17.179 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

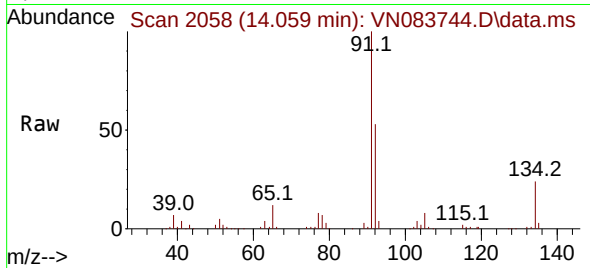
Tgt Ion:146 Resp: 75199
Ion Ratio Lower Upper
146 100
111 44.9 21.3 64.0
148 64.5 32.0 96.2





#89
n-Butylbenzene
Concen: 17.750 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

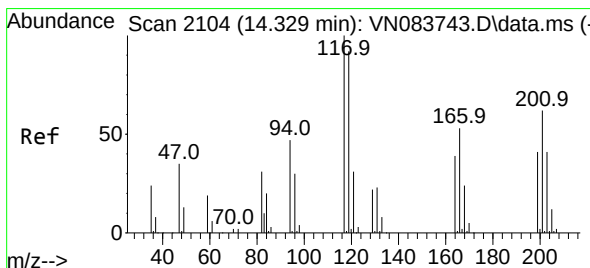
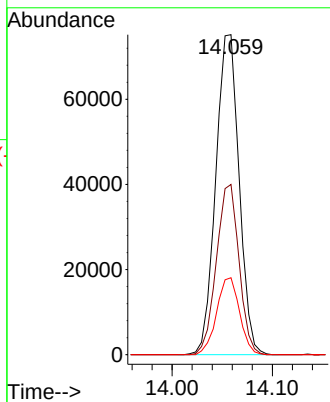
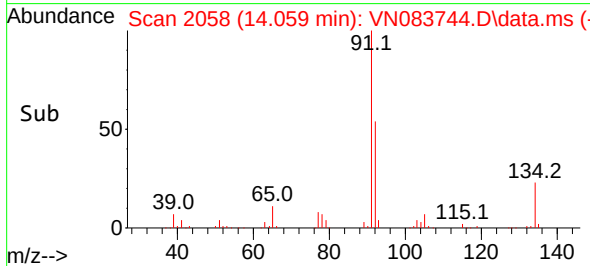
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 91 Resp: 121438
Ion Ratio Lower Upper
91 100
92 51.6 26.7 80.1
134 23.6 12.2 36.4

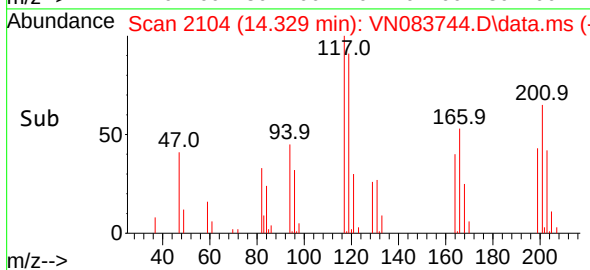
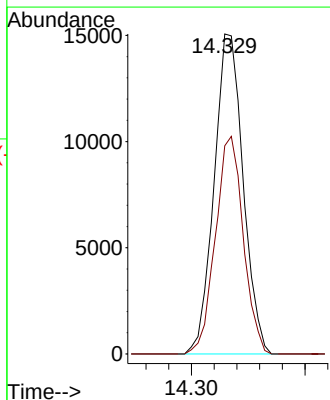
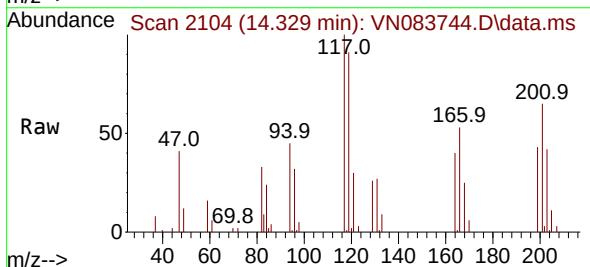
Manual Integrations
APPROVED

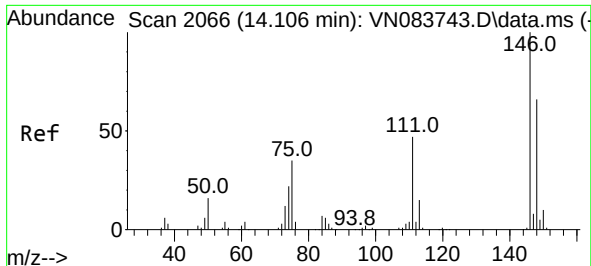
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#90
Hexachloroethane
Concen: 17.640 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

Tgt Ion:117 Resp: 26705
Ion Ratio Lower Upper
117 100
201 65.2 32.8 98.3





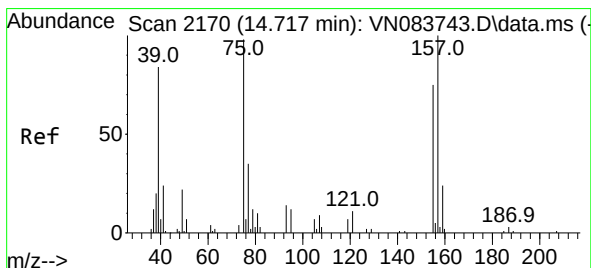
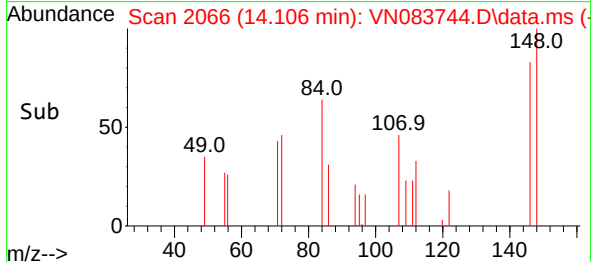
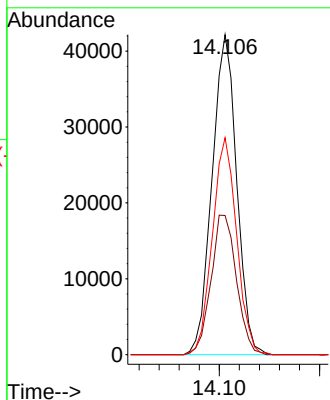
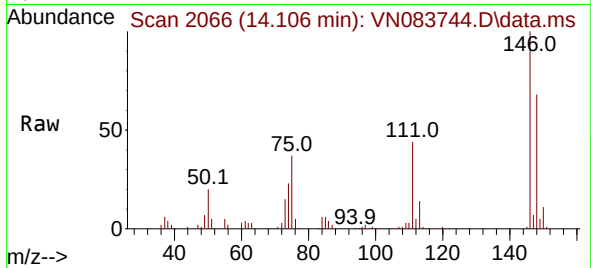
#91
1,2-Dichlorobenzene
Concen: 17.502 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 71804
Ion Ratio Lower Upper
146 100
111 45.1 22.8 68.3
148 66.9 32.1 96.5

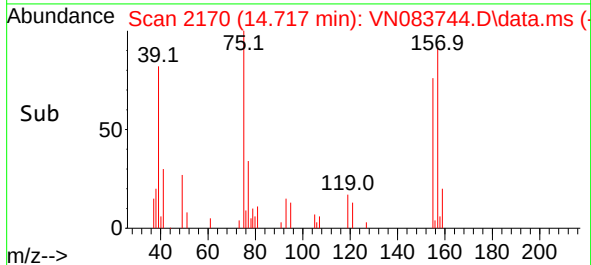
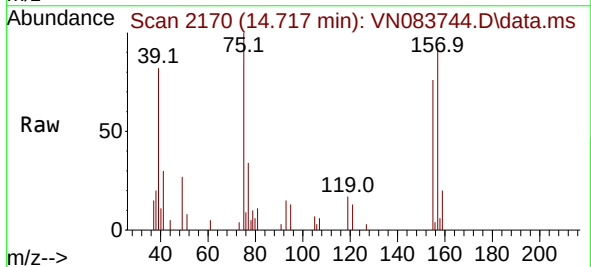
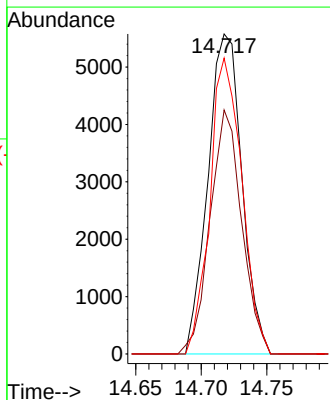
Manual Integrations
APPROVED

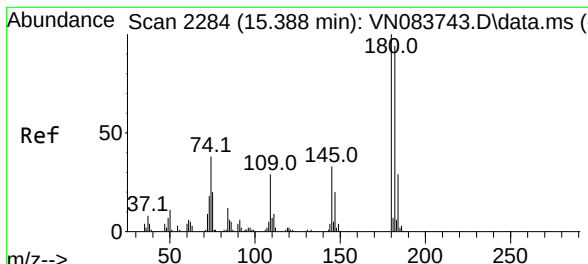
Reviewed By :John Carbone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.462 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

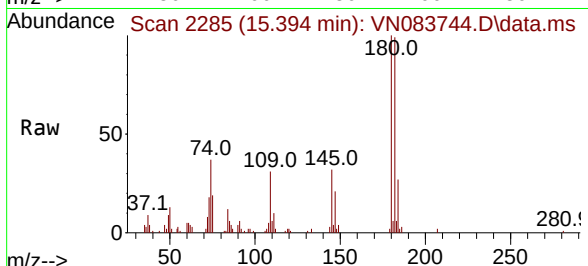
Tgt Ion: 75 Resp: 10057
Ion Ratio Lower Upper
75 100
155 71.0 35.9 107.7
157 86.8 47.5 142.5





#93
1,2,4-Trichlorobenzene
Concen: 17.359 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56

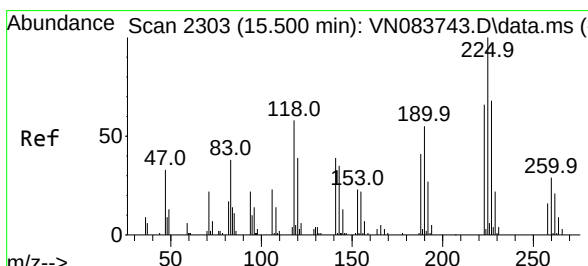
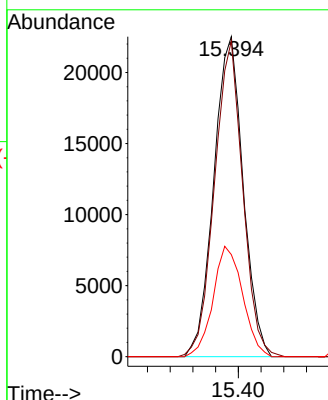
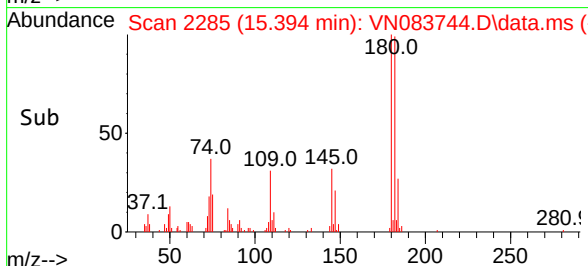
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



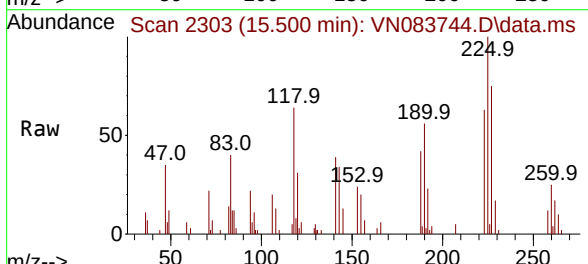
Tgt Ion:180 Resp: 40384
Ion Ratio Lower Upper
180 100
182 94.6 48.1 144.3
145 34.7 16.9 50.7

Manual Integrations
APPROVED

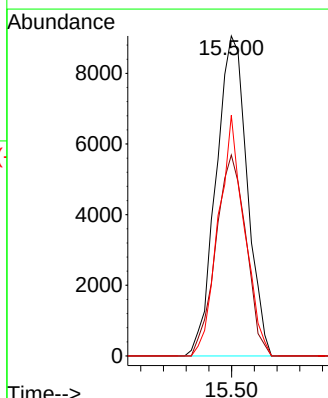
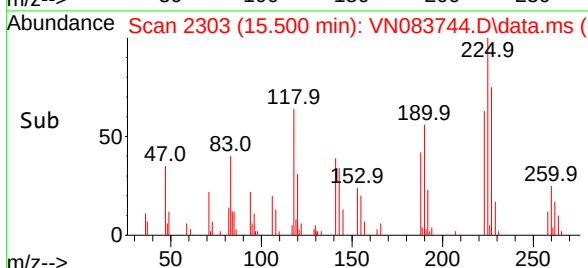
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

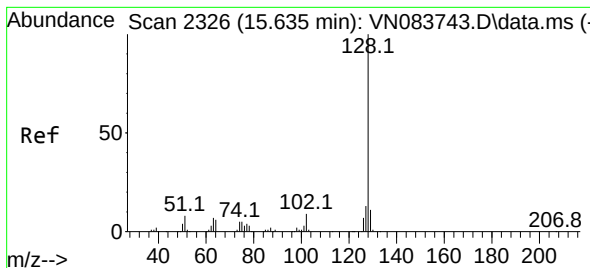


#94
Hexachlorobutadiene
Concen: 18.526 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN083744.D
Acq: 10 Sep 2024 09:56



Tgt Ion:225 Resp: 17260
Ion Ratio Lower Upper
225 100
223 60.9 31.9 95.5
227 62.9 32.0 96.2





#95

Naphthalene

Concen: 16.959 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN083744.D

Acq: 10 Sep 2024 09:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

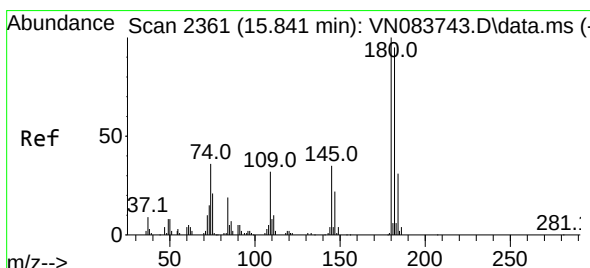
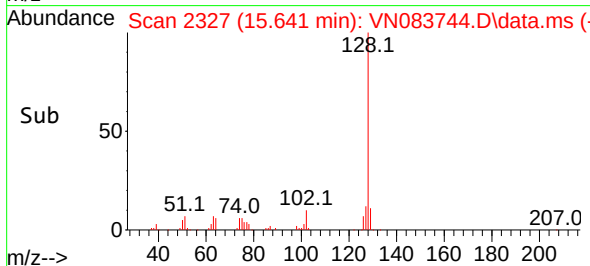
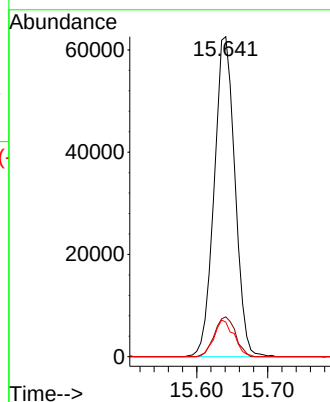
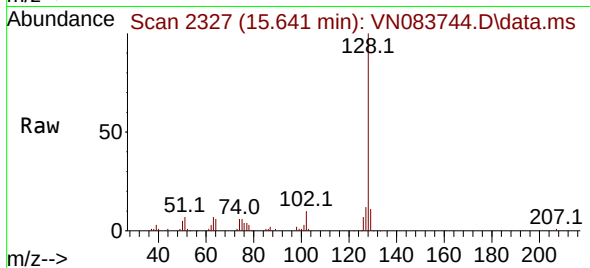
Tgt Ion:	128	Resp:	126764
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.2	15.2
129	11.0	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2024

Supervised By :Semsettin Yesilyurt 09/11/2024



#96

1,2,3-Trichlorobenzene

Concen: 17.203 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN083744.D

Acq: 10 Sep 2024 09:56

Tgt Ion:	180	Resp:	39979
Ion Ratio	Lower	Upper	
180	100		
182	94.5	47.1	141.4
145	34.6	17.8	53.5

