

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082824\
 Data File : VN083528.D
 Acq On : 28 Aug 2024 10:07
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/28/2024
 Supervised By : Mahesh Dadoda 08/29/2024

Quant Time: Aug 28 12:20:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N082824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 28 12:16:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	31575	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	185516	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	159784	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	85337	30.069	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.233%			
60) 4-Bromofluorobenzene	12.847	95	81257	28.725	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.733%			
63) Toluene-d8	10.565	98	226816	30.748	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.118	85	9934	4.685	ug/l	95
3) Chloromethane	2.359	50	11718	5.374	ug/l	100
4) Vinyl Chloride	2.512	62	11901	5.198	ug/l	98
5) Bromomethane	2.901	94	6492	5.821	ug/l	93
6) Chloroethane	3.065	64	8249	5.500	ug/l	91
7) Trichlorofluoromethane	3.465	101	19558	5.169	ug/l	98
8) Diethyl Ether	3.953	74	6689	5.032	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.348	101	10640m	5.089	ug/l	
10) 1,1-Dichloroethene	4.324	96	10328	5.218	ug/l	87
11) Methyl Iodide	4.577	142	13496	4.954	ug/l	89
12) Methyl Acetate	5.030	43	17128	5.041	ug/l	89
13) Acrolein	4.177	56	9519	29.050	ug/l	92
14) Acrylonitrile	5.724	53	26147	24.784	ug/l	97
15) Acetone	4.436	58	6675	21.384	ug/l	78
16) Carbon Disulfide	4.700	76	29429	5.518	ug/l	100
17) Allyl chloride	5.012	41	19106	5.228	ug/l	89
18) Methylene Chloride	5.259	84	11504m	5.240	ug/l	
19) trans-1,2-Dichloroethene	5.777	96	10685	5.237	ug/l	95
20) Diisopropyl ether	6.671	45	35025	4.928	ug/l #	98
21) 1,1-Dichloroethane	6.559	63	20092	5.007	ug/l	95
22) cis-1,2-Dichloroethene	7.489	96	12836	5.085	ug/l	88
23) tert-Butyl Alcohol	5.536	59	11473	25.775	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	36470	4.975	ug/l #	85
25) Chloroform	7.965	83	21432	5.038	ug/l	99
26) Cyclohexane	8.253	56	17362	4.977	ug/l #	88
29) 1,1-Dichloropropene	8.371	75	14970	5.144	ug/l	95
30) 2-Butanone	7.483	43	37583	25.171	ug/l	95
31) 2,2-Dichloropropane	7.483	77	18157	4.811	ug/l	100
32) 1,1,1-Trichloroethane	8.171	97	19009	4.887	ug/l	93
33) Carbon Tetrachloride	8.353	117	16982	5.014	ug/l	83
34) Benzene	8.606	78	45188	5.117	ug/l #	90
35) Methacrylonitrile	7.777	41	8922	5.164	ug/l	90
36) 1,2-Dichloroethane	8.671	62	16826	5.110	ug/l #	93
37) Trichloroethene	9.353	130	11168	5.336	ug/l	98
38) Methylcyclohexane	9.600	83	17236	4.829	ug/l	96
39) 1,2-Dichloropropane	9.624	63	10885	5.069	ug/l	94
40) Dibromomethane	9.706	93	7903	5.127	ug/l	95
41) Bromodichloromethane	9.888	83	16117	4.838	ug/l	97
42) Vinyl Acetate	6.600	43	185748	25.350	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082824\
 Data File : VN083528.D
 Acq On : 28 Aug 2024 10:07
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

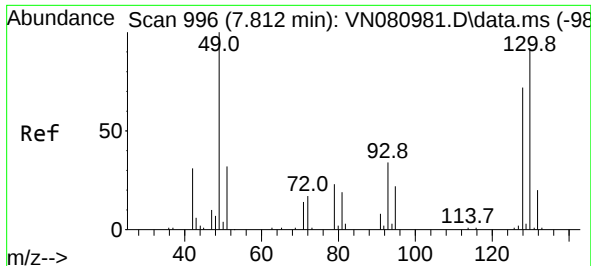
Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/28/2024
 Supervised By : Mahesh Dadoda 08/29/2024

Quant Time: Aug 28 12:20:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N082824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 28 12:16:54 2024
 Response via : Initial Calibration

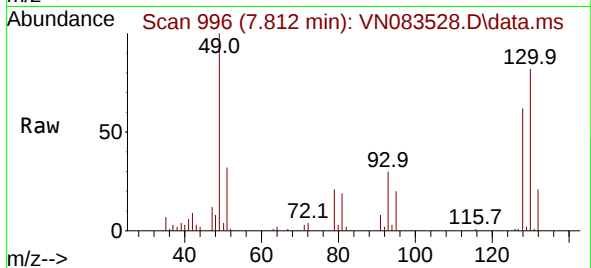
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	14780	5.154	ug/l	99
44) Isopropyl Acetate	8.688	43	50998	7.527	ug/l #	69
45) 1,4-Dioxane	9.700	88	4936	112.350	ug/l #	1
46) Methyl methacrylate	9.682	41	12566	5.019	ug/l	78
47) n-amyl Acetate	12.494	43	22589	4.845	ug/l	89
48) t-1,3-Dichloropropene	10.835	75	17649	4.996	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	18638	5.061	ug/l #	78
50) 1,1,2-Trichloroethane	11.018	97	10611	5.137	ug/l	95
51) Ethyl methacrylate	10.877	69	18016	5.001	ug/l	92
52) 1,3-Dichloropropane	11.159	76	18197	5.045	ug/l	100
53) Dibromochloromethane	11.359	129	11642	4.811	ug/l	97
54) 1,2-Dibromoethane	11.465	107	10727	5.068	ug/l	96
55) 2-Chloroethyl vinyl ether	10.159	63	39617	25.831	ug/l	98
56) Bromoform	12.576	173	7488	4.739	ug/l #	93
58) 4-Methyl-2-Pentanone	10.441	43	72917	25.731	ug/l #	89
59) 2-Hexanone	11.194	43	54630	25.137	ug/l	89
61) Tetrachloroethene	11.106	164	9124	5.377	ug/l	95
62) Toluene	10.629	91	49130	5.316	ug/l	97
64) Chlorobenzene	11.894	112	30090	5.255	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.959	131	10700	5.250	ug/l	98
66) Ethyl Benzene	11.965	91	52145	5.001	ug/l	95
67) m/p-Xylenes	12.071	106	38461	9.952	ug/l	92
68) o-Xylene	12.400	106	18986	5.003	ug/l	96
69) Styrene	12.412	104	32600	5.045	ug/l	100
70) Isopropylbenzene	12.694	105	49127	4.901	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.935	83	15196	5.190	ug/l	100
72) 1,2,3-Trichloropropane	12.994	75	14034m	5.563	ug/l	
73) Bromobenzene	12.976	156	11884	5.238	ug/l	94
74) n-propylbenzene	13.035	91	56901	4.899	ug/l	99
75) 2-Chlorotoluene	13.123	91	39346	5.293	ug/l	99
76) 1,3,5-Trimethylbenzene	13.171	105	40865	4.883	ug/l	98
77) t-1,4-Dichloro-2-butene	12.741	75	5067	4.618	ug/l	95
78) 4-Chlorotoluene	13.223	91	39283	5.324	ug/l	99
79) tert-butylbenzene	13.435	119	37889	5.055	ug/l	97
80) 1,2,4-Trimethylbenzene	13.482	105	42839	5.022	ug/l	99
81) sec-Butylbenzene	13.618	105	48337	4.791	ug/l	99
82) p-Isopropyltoluene	13.729	119	40658	4.760	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	23679	5.343	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	24059	5.405	ug/l	99
85) n-Butylbenzene	14.053	91	36823	4.864	ug/l	99
86) Hexachloroethane	14.335	117	8086	4.833	ug/l	86
87) 1,2-Dichlorobenzene	14.106	146	22193	5.087	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.717	75	3165	4.727	ug/l	99
89) 1,2,4-Trichlorobenzene	15.841	180	12264	5.128	ug/l	99
90) Hexachlorobutadiene	15.506	225	5174	5.091	ug/l	99
91) Naphthalene	15.641	128	41332	5.000	ug/l	98
92) 1,2,3-Trichlorobenzene	15.841	180	12264	5.128	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

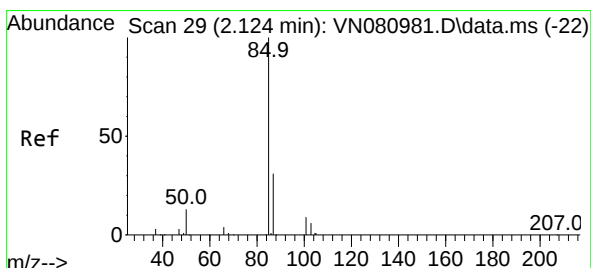
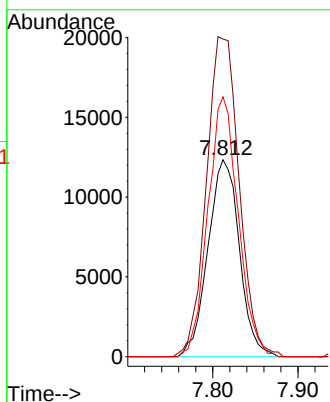
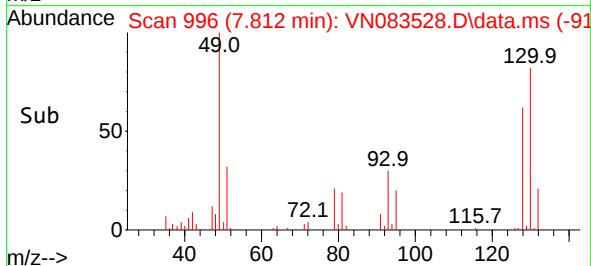
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:128 Resp: 3157
Ion Ratio Lower Upper
128 100
49 169.8 0.0 403.7
130 127.5 0.0 323.3

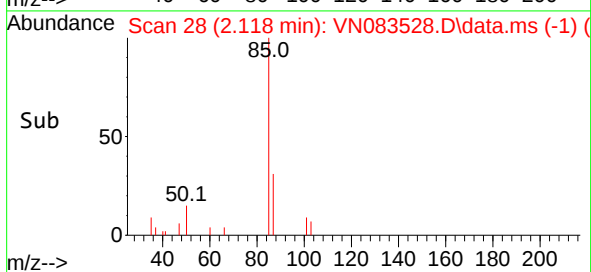
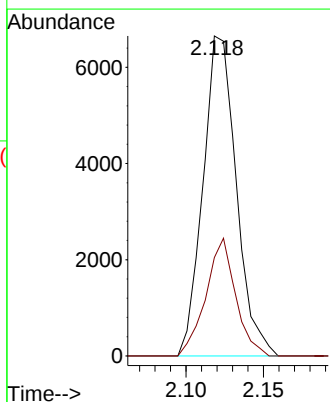
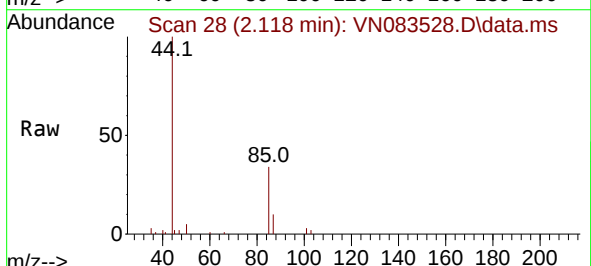
Manual Integrations
APPROVED

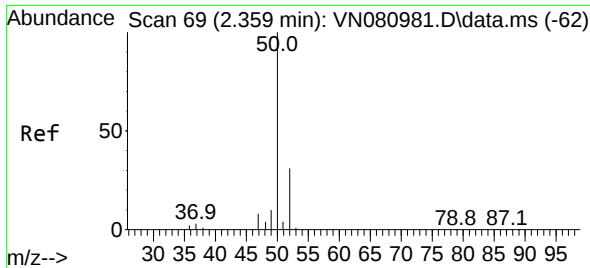
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#2
Dichlorodifluoromethane
Concen: 4.685 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.006 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

Tgt Ion: 85 Resp: 9934
Ion Ratio Lower Upper
85 100
87 30.8 16.8 50.3





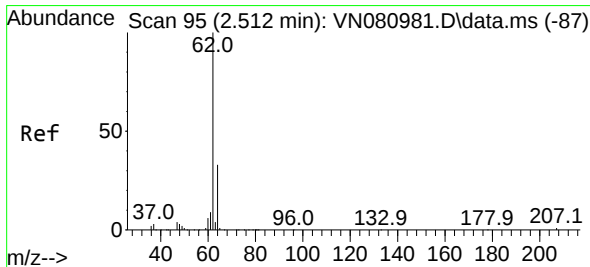
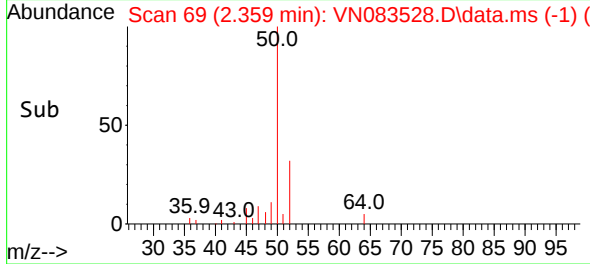
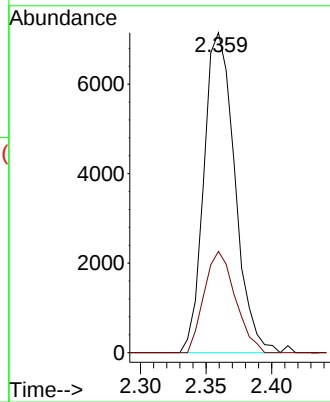
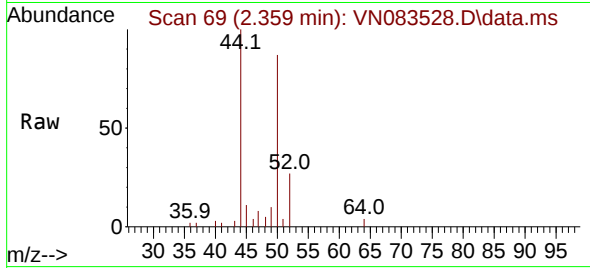
#3
Chloromethane
Concen: 5.374 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 50 Resp: 11718
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.0

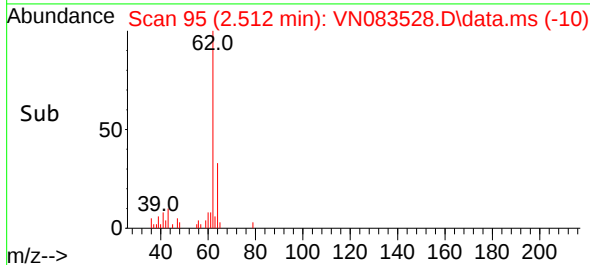
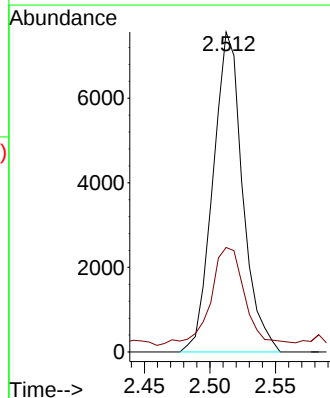
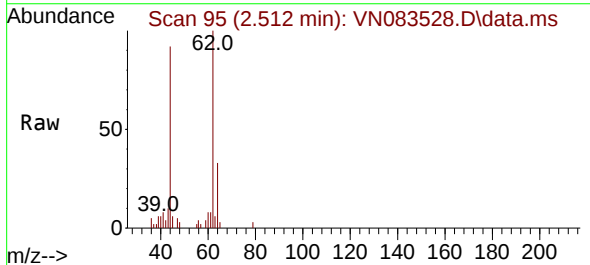
Manual Integrations
APPROVED

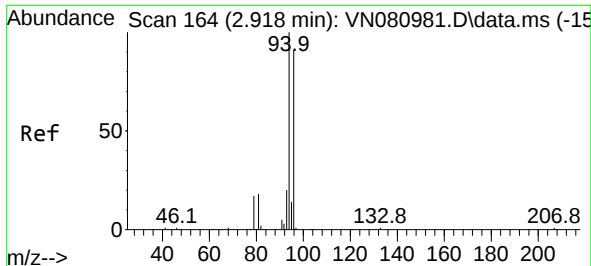
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#4
Vinyl Chloride
Concen: 5.198 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

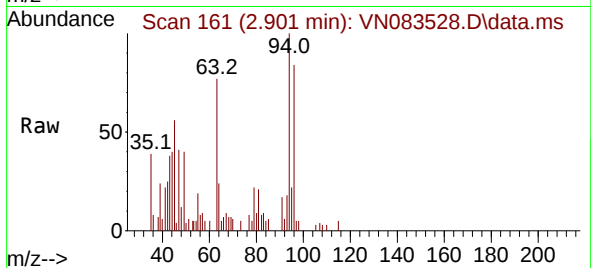
Tgt Ion: 62 Resp: 11901
Ion Ratio Lower Upper
62 100
64 29.2 24.1 36.1





#5
Bromomethane
Concen: 5.821 ug/l
RT: 2.901 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

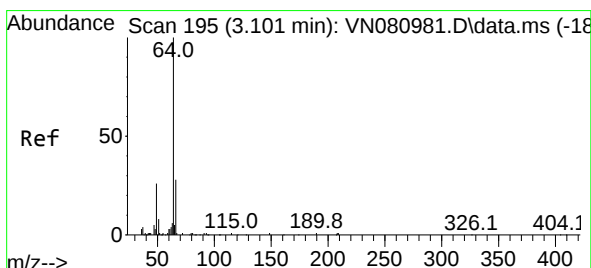
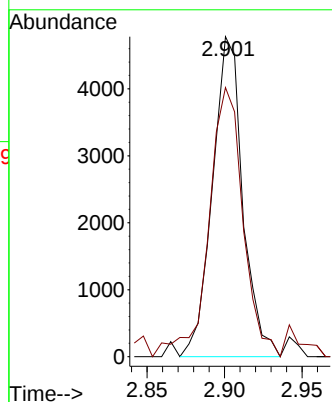
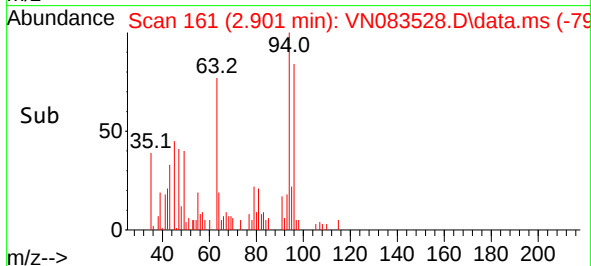
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 6492
Ion Ratio Lower Upper
94 100
96 84.1 72.8 109.2

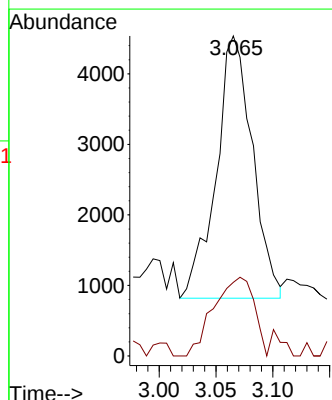
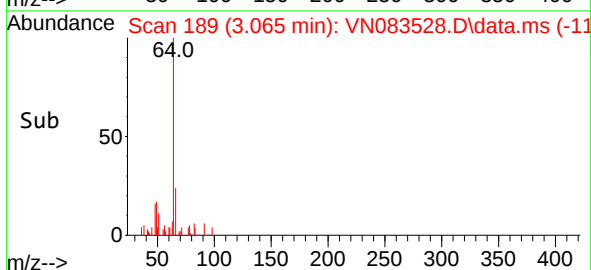
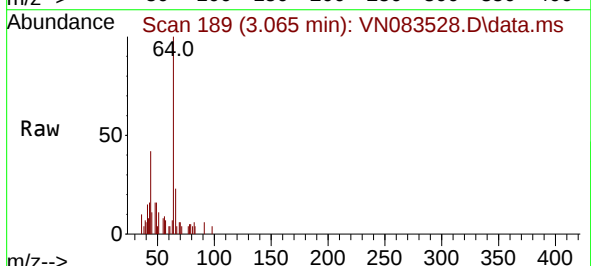
Manual Integrations
APPROVED

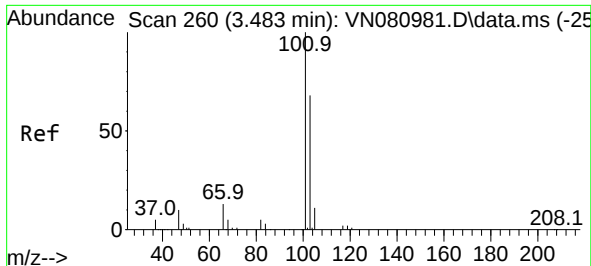
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#6
Chloroethane
Concen: 5.500 ug/l
RT: 3.065 min Scan# 189
Delta R.T. -0.035 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

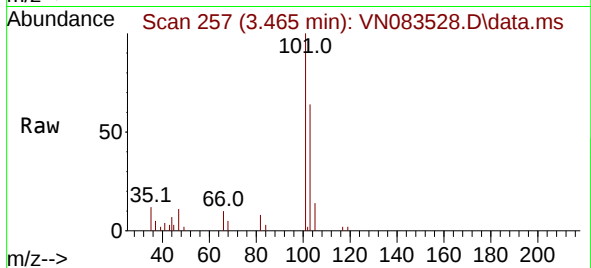
Tgt Ion: 64 Resp: 8249
Ion Ratio Lower Upper
64 100
66 28.1 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 5.169 ug/l
 RT: 3.465 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: VN083528.D
 Acq: 28 Aug 2024 10:07

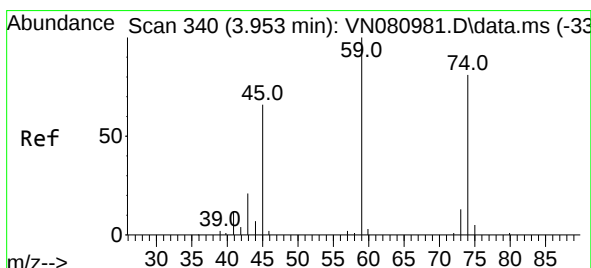
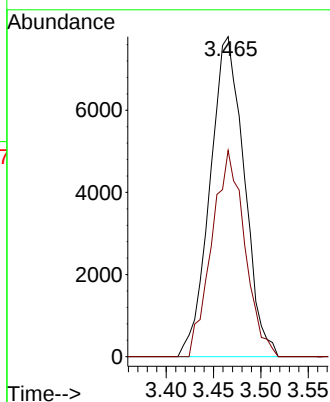
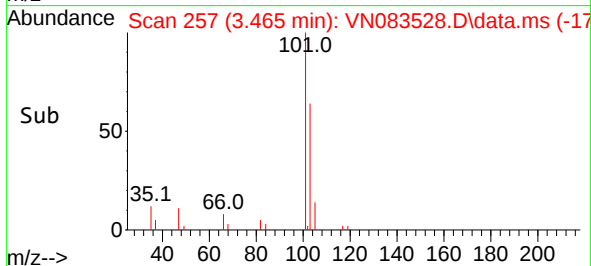
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion:101 Resp: 1955
 Ion Ratio Lower Upper
 101 100
 103 64.4 53.0 79.4

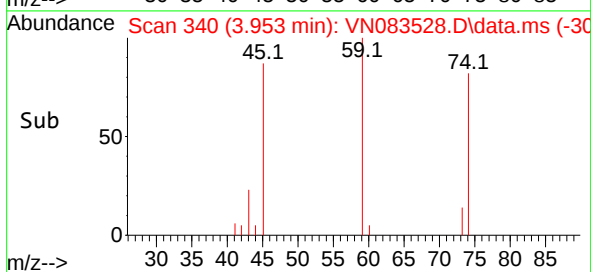
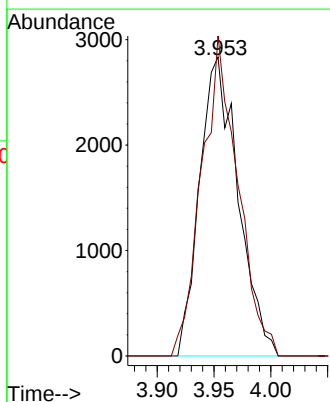
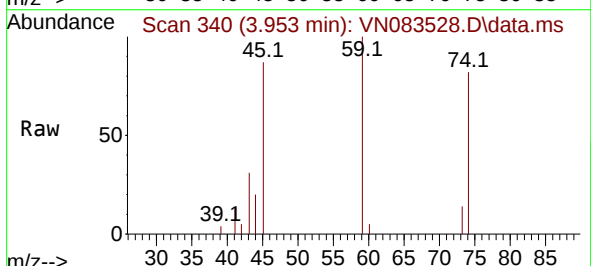
Manual Integrations
 APPROVED

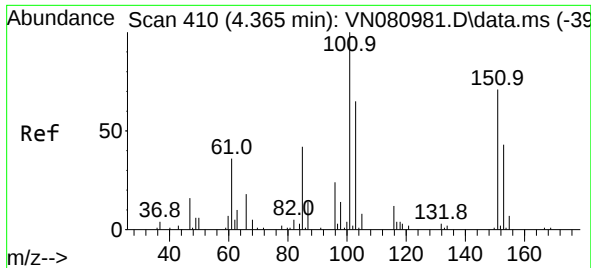
Reviewed By :John Carlone 08/28/2024
 Supervised By :Mahesh Dadoda 08/29/2024



#8
 Diethyl Ether
 Concen: 5.032 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VN083528.D
 Acq: 28 Aug 2024 10:07

Tgt Ion: 74 Resp: 6689
 Ion Ratio Lower Upper
 74 100
 45 100.2 16.4 147.4





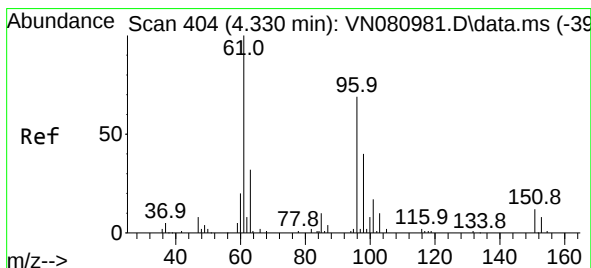
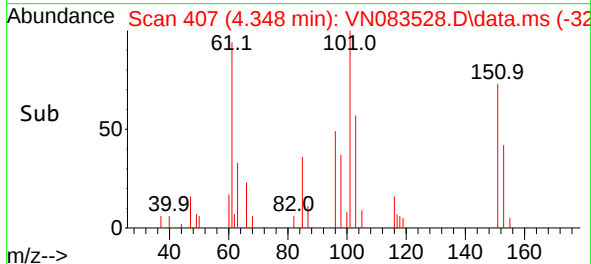
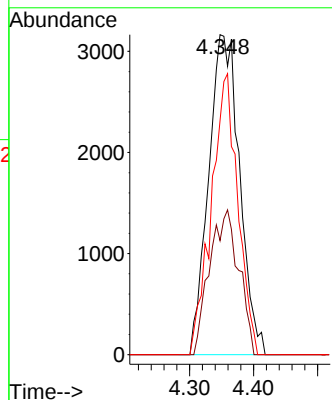
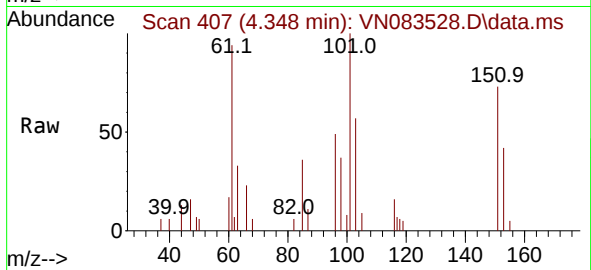
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.089 ug/l m
RT: 4.348 min Scan# 407
Delta R.T. -0.018 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 10640
Ion Ratio Lower Upper
101 100
85 18.7 0.0 90.6
151 0.0 0.0 157.6

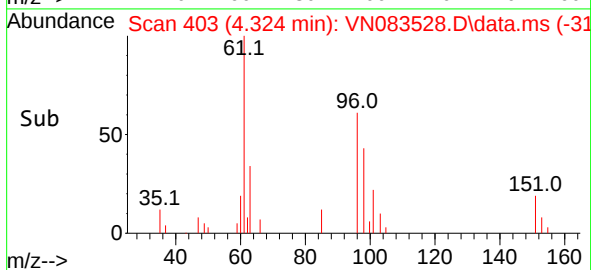
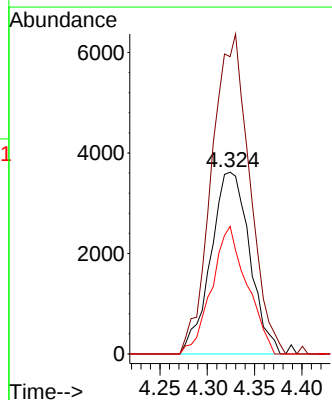
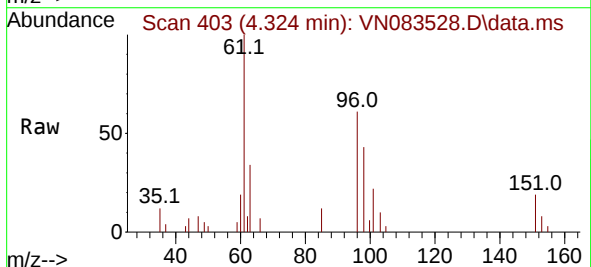
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#10
1,1-Dichloroethene
Concen: 5.218 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.006 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

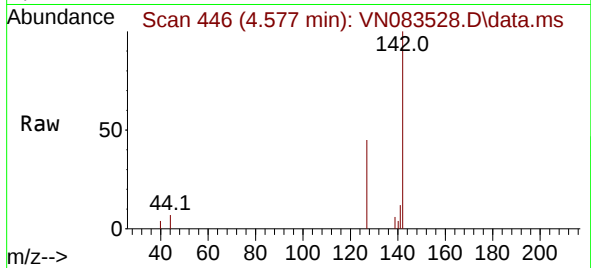
Tgt Ion: 96 Resp: 10328
Ion Ratio Lower Upper
96 100
61 163.5 117.6 176.4
98 70.1 48.4 72.6





#11
Methyl Iodide
Concen: 4.954 ug/l
RT: 4.577 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

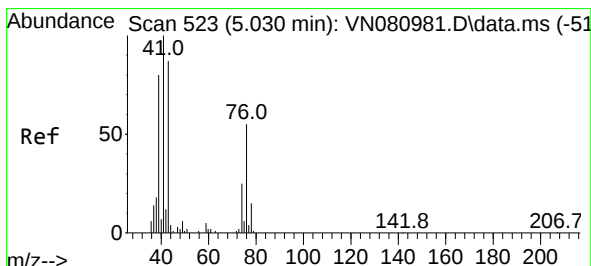
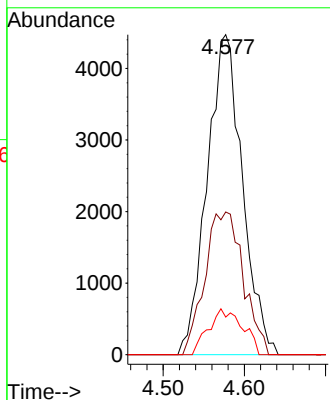
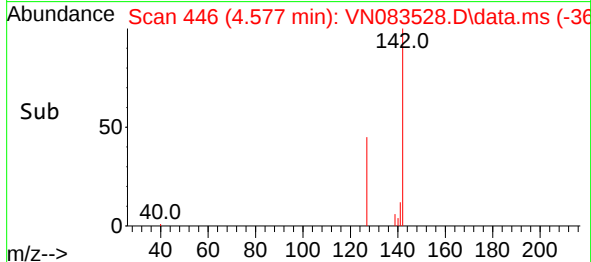
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:142 Resp: 13490
Ion Ratio Lower Upper
142 100
127 44.6 26.3 78.9
141 11.7 8.3 24.9

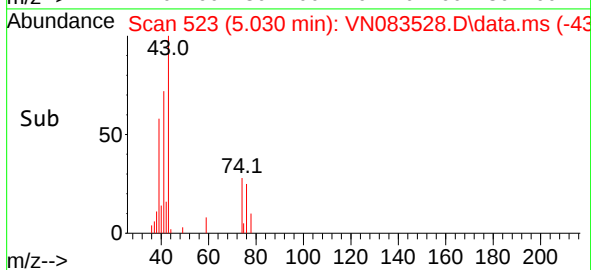
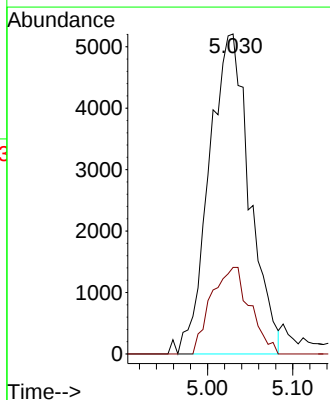
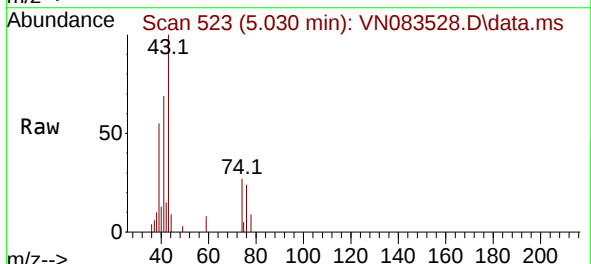
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#12
Methyl Acetate
Concen: 5.041 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

Tgt Ion: 43 Resp: 17128
Ion Ratio Lower Upper
43 100
74 28.1 27.7 41.5





#13

Acrolein

Concen: 29.050 ug/l

RT: 4.177 min Scan# 377

Delta R.T. 0.006 min

Lab File: VN083528.D

Acq: 28 Aug 2024 10:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 56 Resp: 9519

Ion Ratio Lower Upper

56 100

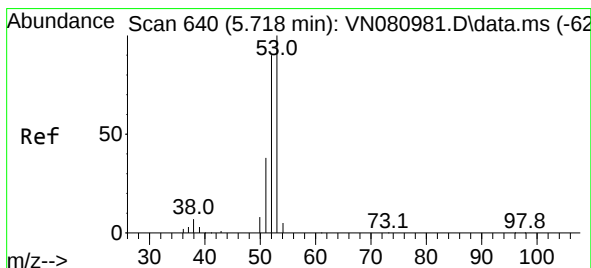
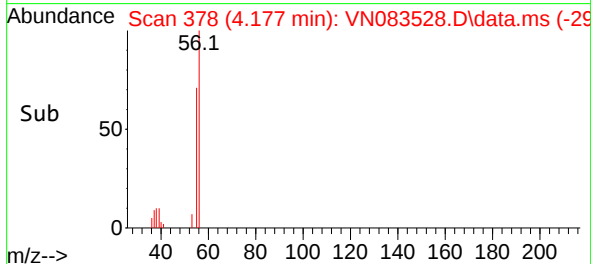
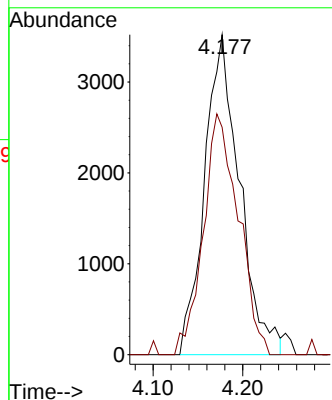
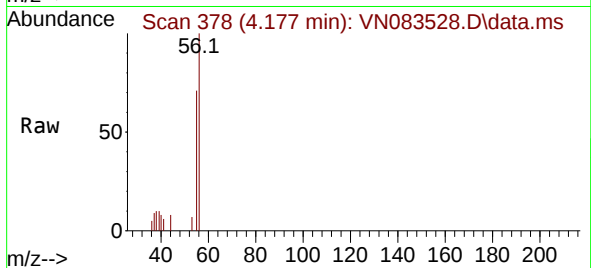
55 75.6 55.5 83.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2024

Supervised By :Mahesh Dadoda 08/29/2024



#14

Acrylonitrile

Concen: 24.784 ug/l

RT: 5.724 min Scan# 641

Delta R.T. 0.006 min

Lab File: VN083528.D

Acq: 28 Aug 2024 10:07

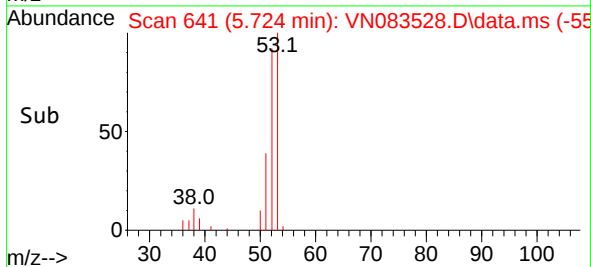
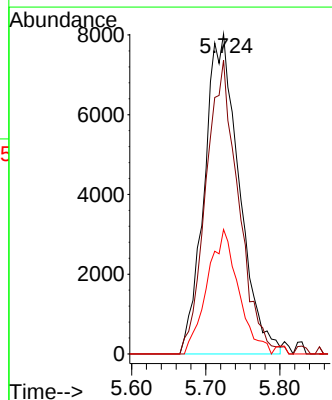
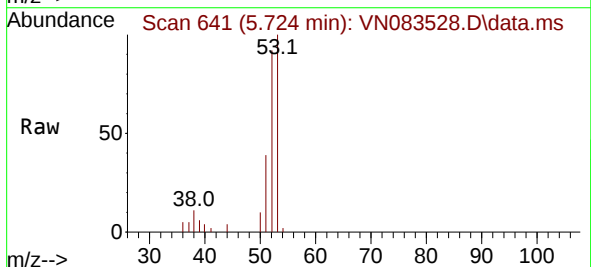
Tgt Ion: 53 Resp: 26147

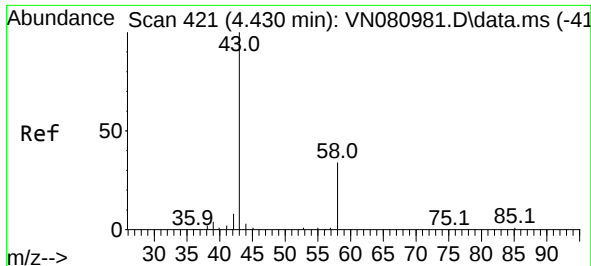
Ion Ratio Lower Upper

53 100

52 85.6 41.3 123.9

51 35.0 16.8 50.3





#15

Acetone

Concen: 21.384 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN083528.D

Acq: 28 Aug 2024 10:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 58 Resp: 667

Ion Ratio Lower Upper

58 100

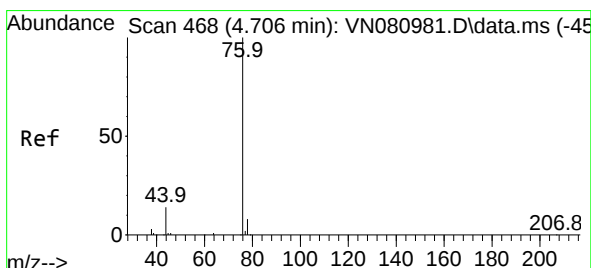
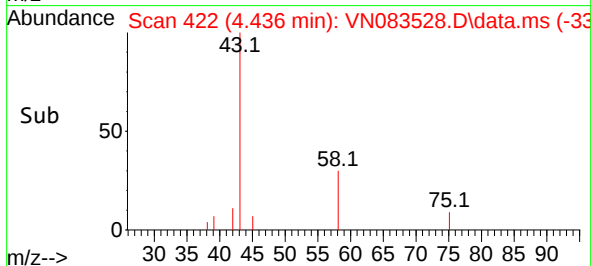
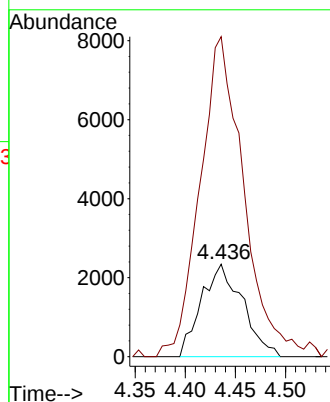
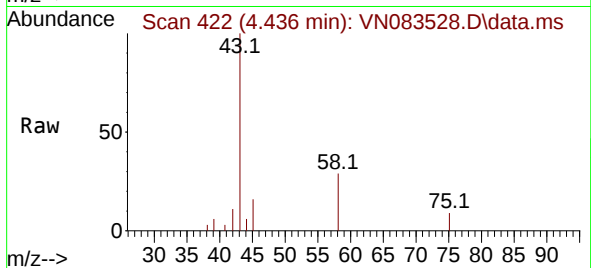
43 321.0 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2024

Supervised By :Mahesh Dadoda 08/29/2024



#16

Carbon Disulfide

Concen: 5.518 ug/l

RT: 4.700 min Scan# 467

Delta R.T. -0.006 min

Lab File: VN083528.D

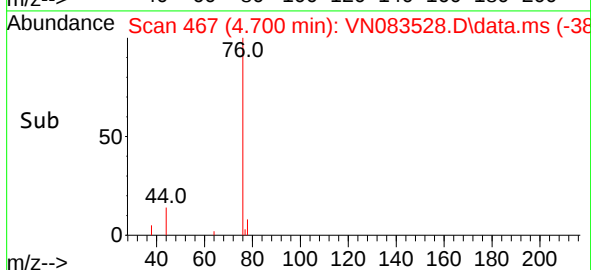
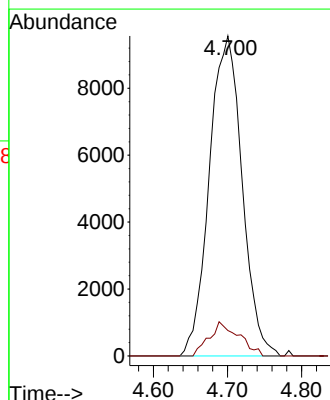
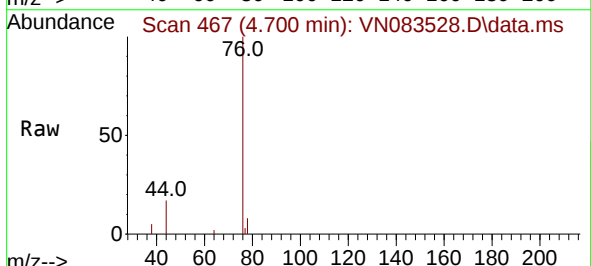
Acq: 28 Aug 2024 10:07

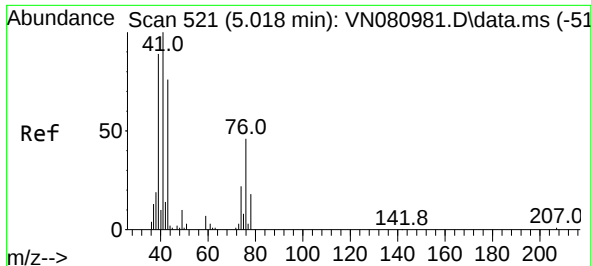
Tgt Ion: 76 Resp: 29429

Ion Ratio Lower Upper

76 100

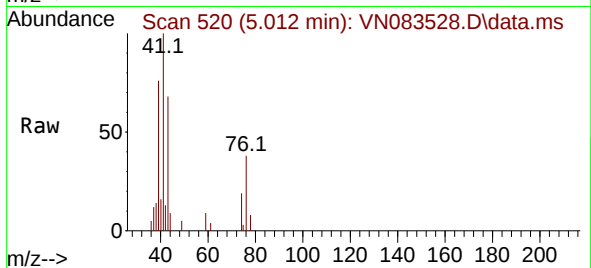
78 8.0 6.3 9.5





#17
 Allyl chloride
 Concen: 5.228 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN083528.D
 Acq: 28 Aug 2024 10:07

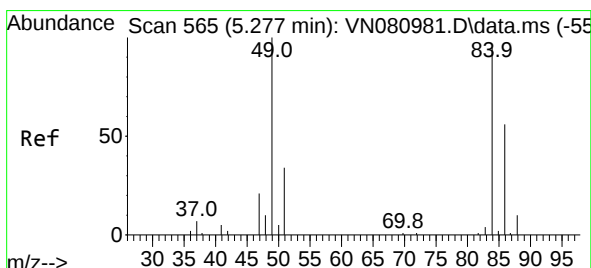
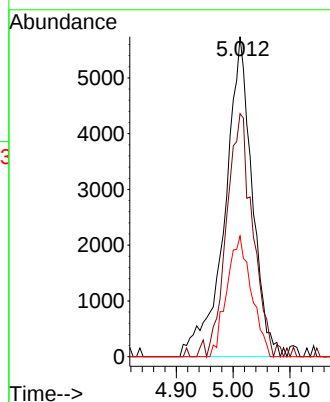
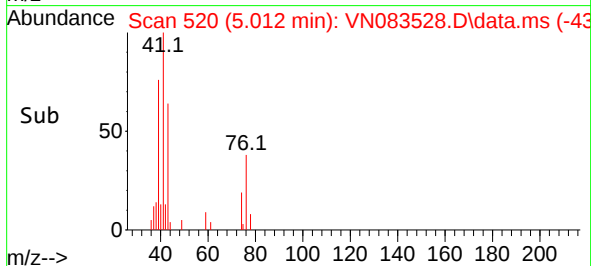
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 41 Resp: 19100
 Ion Ratio Lower Upper
 41 100
 39 76.0 37.6 112.9
 76 37.7 27.8 83.4

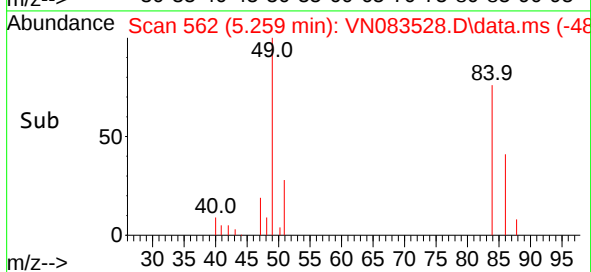
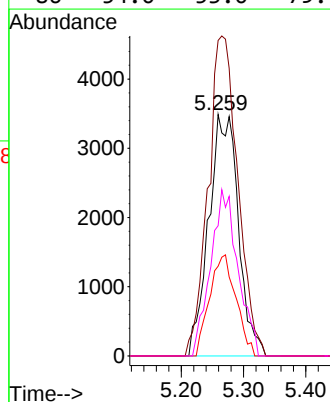
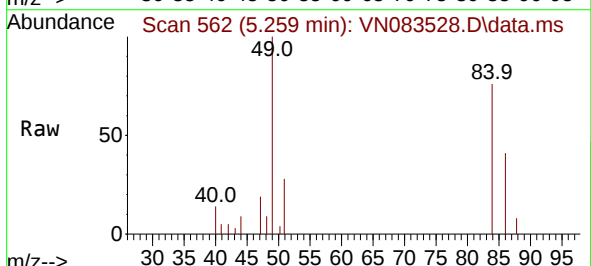
Manual Integrations
 APPROVED

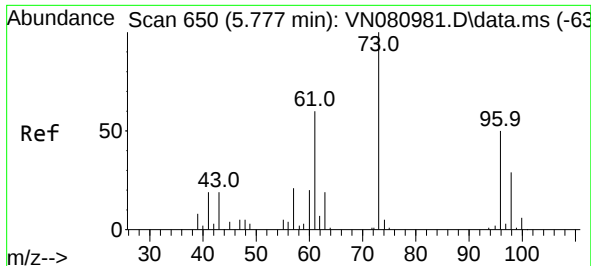
Reviewed By :John Carlone 08/28/2024
 Supervised By :Mahesh Dadoda 08/29/2024



#18
 Methylene Chloride
 Concen: 5.240 ug/l m
 RT: 5.259 min Scan# 562
 Delta R.T. -0.018 min
 Lab File: VN083528.D
 Acq: 28 Aug 2024 10:07

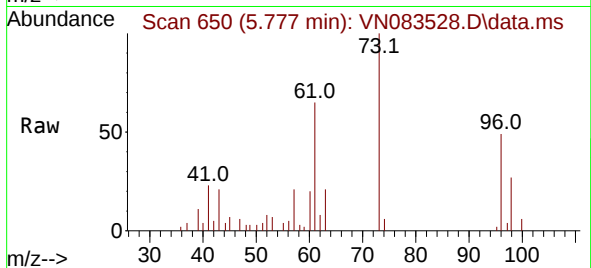
Tgt Ion: 84 Resp: 11504
 Ion Ratio Lower Upper
 84 100
 49 130.7 86.0 129.0#
 51 37.2 30.0 45.0
 86 54.0 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 5.237 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

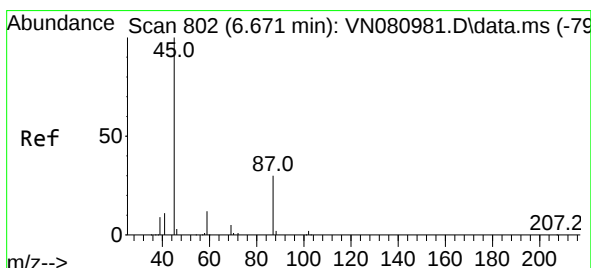
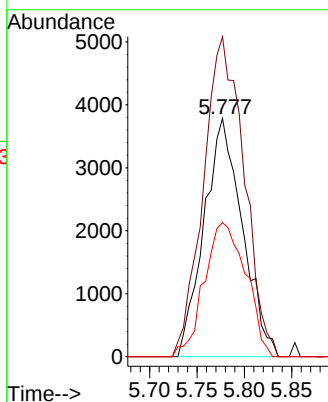
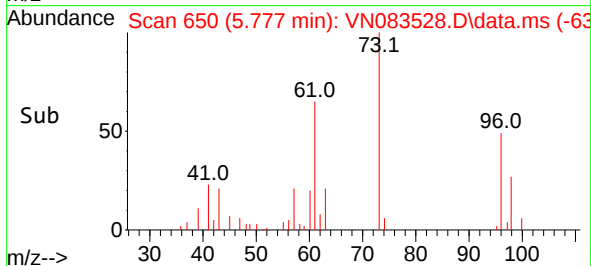
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 1068
Ion Ratio Lower Upper
96 100
61 134.3 111.8 167.6
98 56.3 49.2 73.8

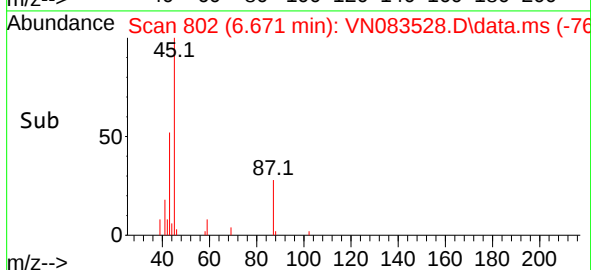
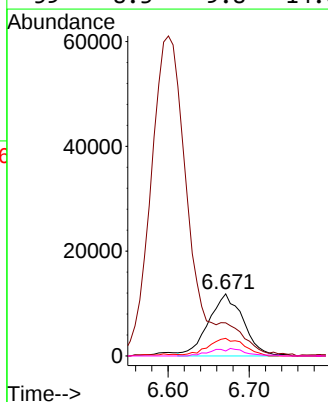
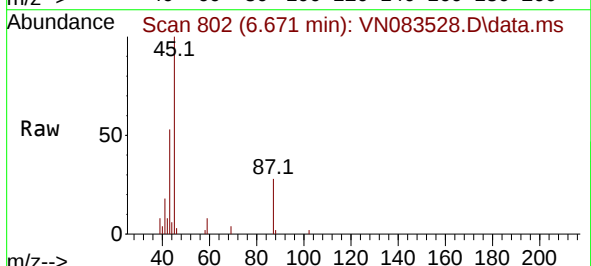
Manual Integrations
APPROVED

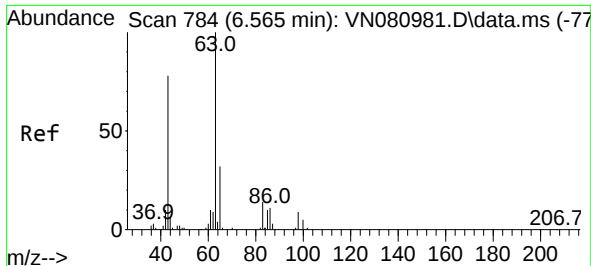
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#20
Diisopropyl ether
Concen: 4.928 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

Tgt Ion: 45 Resp: 35025
Ion Ratio Lower Upper
45 100
43 50.8 40.4 60.6
87 28.9 23.8 35.8
59 8.3 9.8 14.6





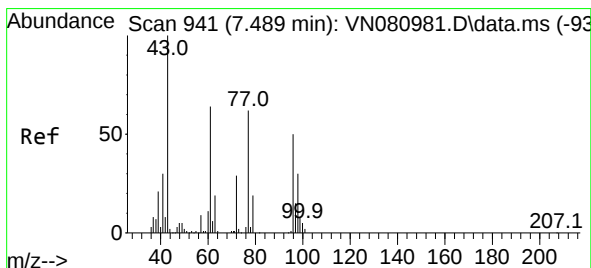
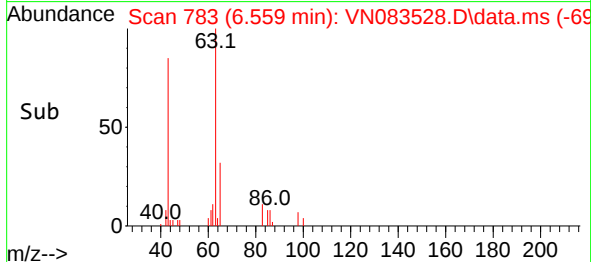
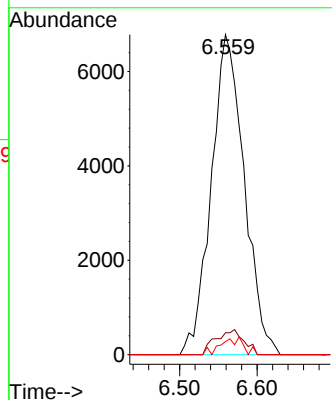
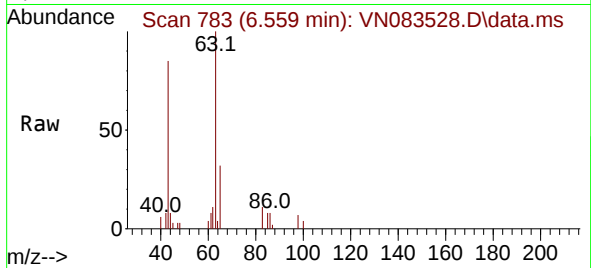
#21
1,1-Dichloroethane
Concen: 5.007 ug/l
RT: 6.559 min Scan# 784
Delta R.T. -0.006 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 63 Resp: 20092
Ion Ratio Lower Upper
63 100
98 6.9 4.1 12.3
100 4.1 3.0 9.0

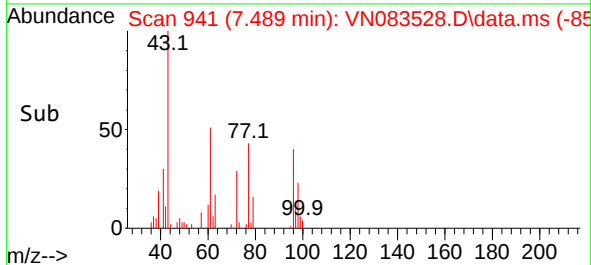
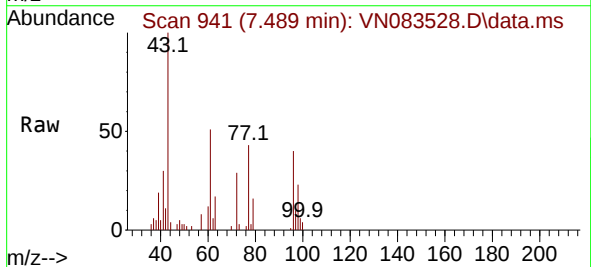
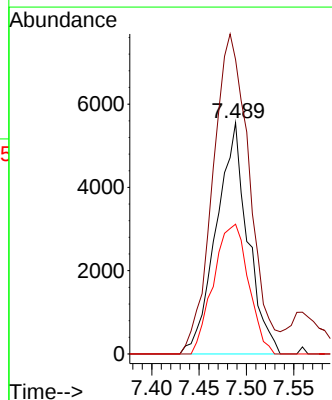
Manual Integrations
APPROVED

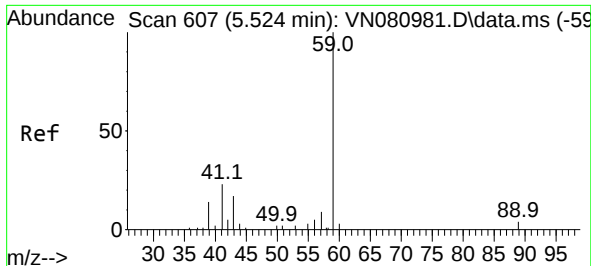
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#22
cis-1,2-Dichloroethene
Concen: 5.085 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

Tgt Ion: 96 Resp: 12836
Ion Ratio Lower Upper
96 100
61 161.4 113.5 170.3
98 62.3 52.0 78.0





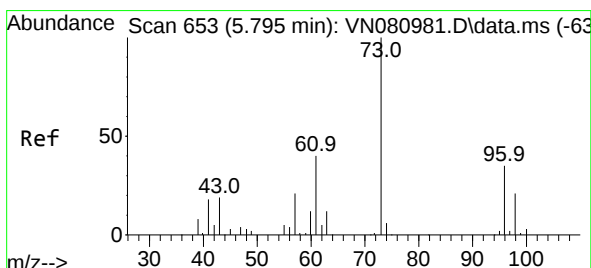
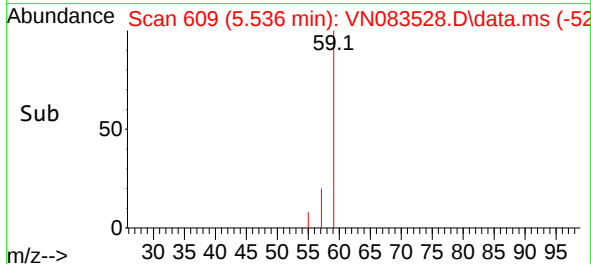
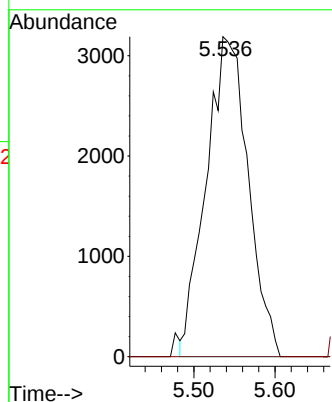
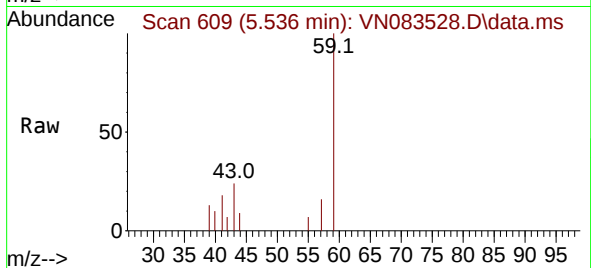
#23
tert-Butyl Alcohol
Concen: 25.775 ug/l
RT: 5.536 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 1147
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

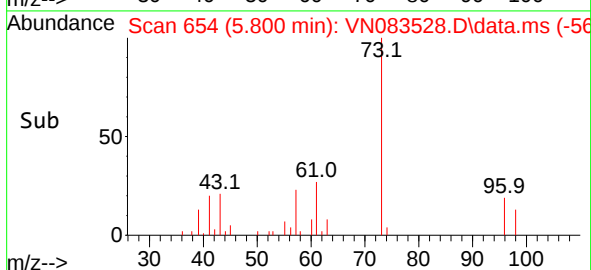
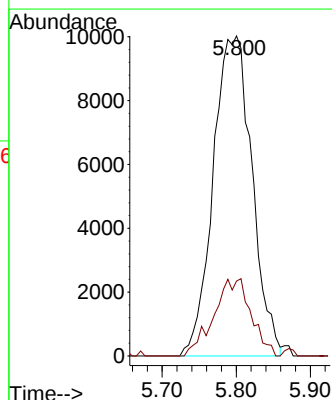
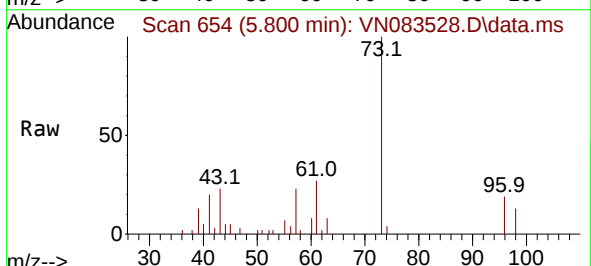
Manual Integrations
APPROVED

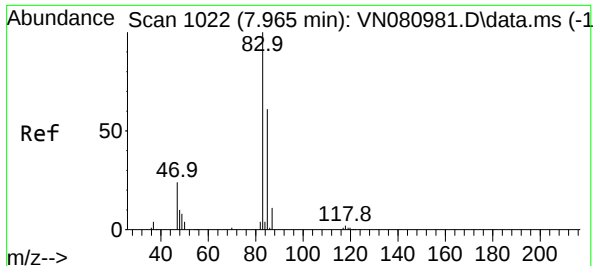
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#24
Methyl tert-Butyl Ether
Concen: 4.975 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.006 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

Tgt Ion: 73 Resp: 36470
Ion Ratio Lower Upper
73 100
43 10.3 13.4 20.2#





#25

Chloroform

Concen: 5.038 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN083528.D

Acq: 28 Aug 2024 10:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 2143

Ion Ratio Lower Upper

83 100

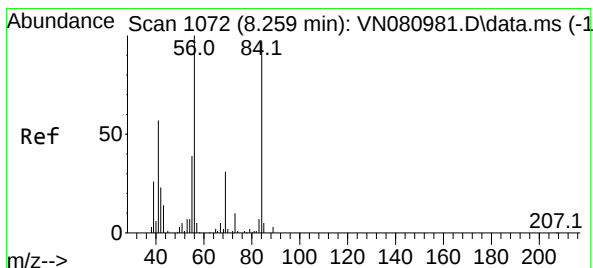
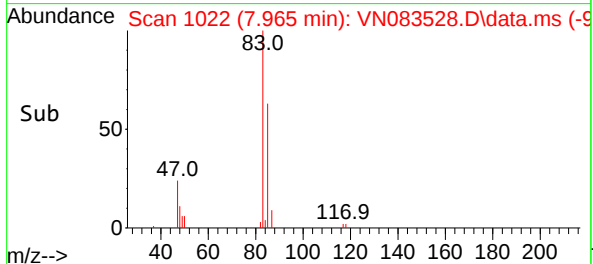
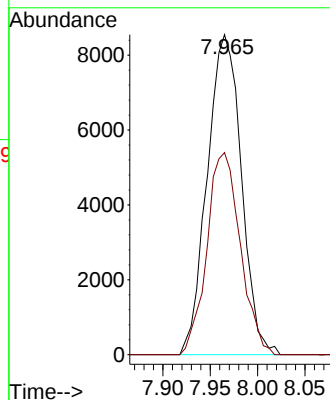
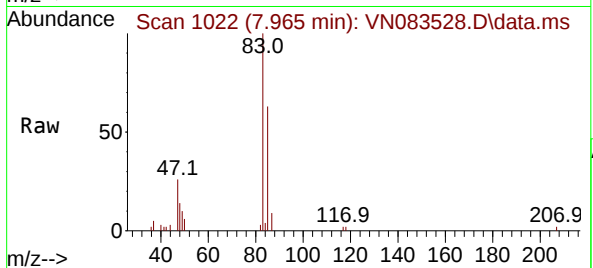
85 63.2 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2024

Supervised By :Mahesh Dadoda 08/29/2024



#26

Cyclohexane

Concen: 4.977 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.006 min

Lab File: VN083528.D

Acq: 28 Aug 2024 10:07

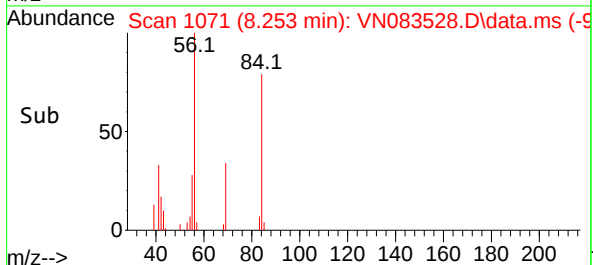
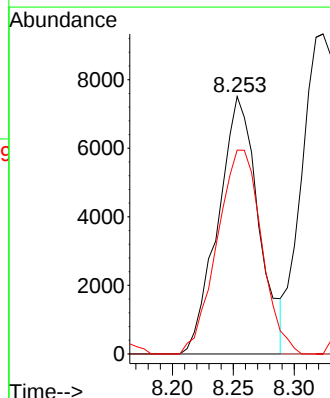
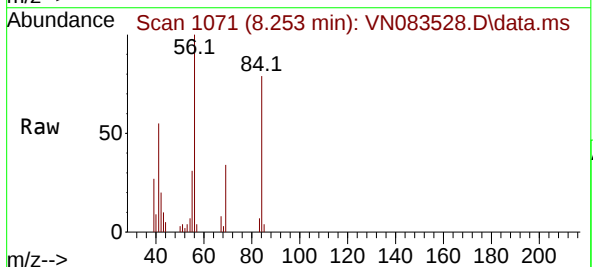
Tgt Ion: 56 Resp: 17362

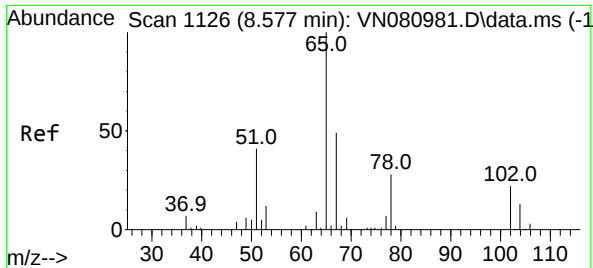
Ion Ratio Lower Upper

56 100

89 0.0 19.3 28.9#

84 86.8 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 30.069 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

Instrument :

MSVOA_N

ClientSampleId :

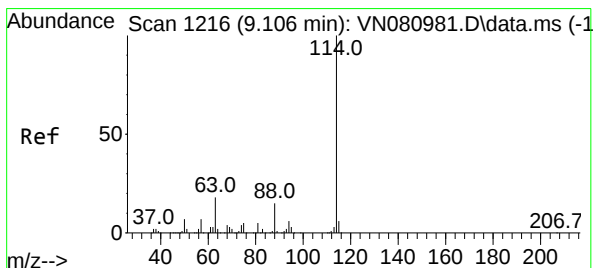
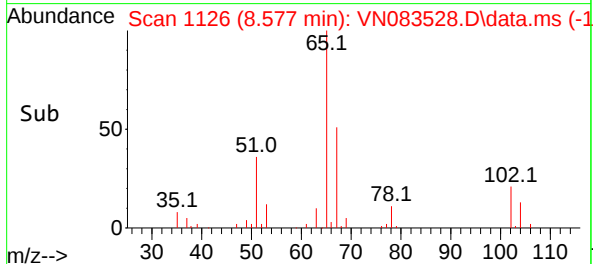
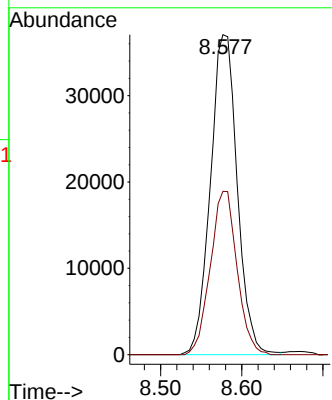
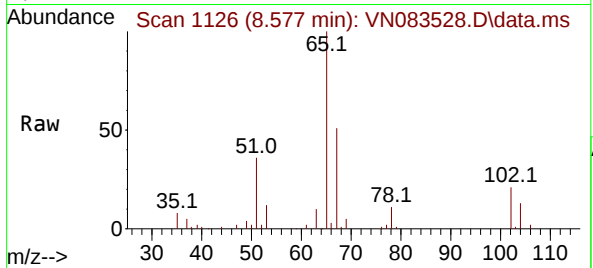
VSTDIC005

Tgt Ion: 65 Resp: 8533
Ion Ratio Lower Upper
65 100
67 50.7 43.2 64.8

Manual Integrations

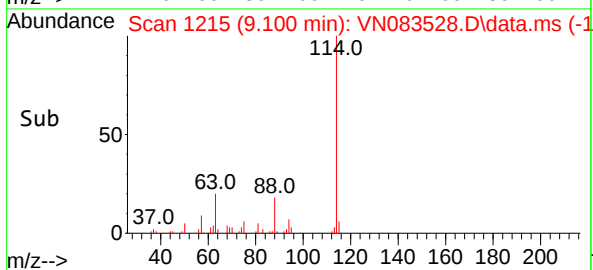
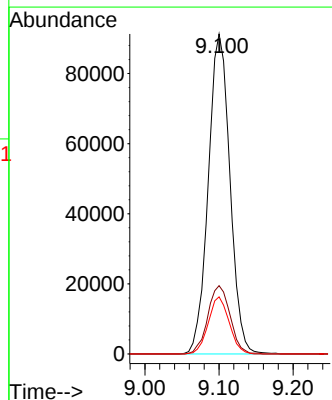
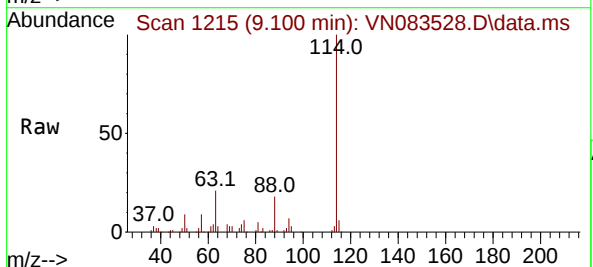
APPROVED

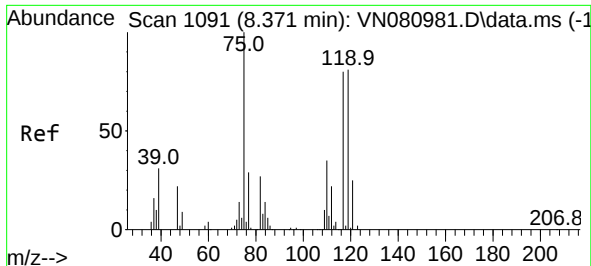
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

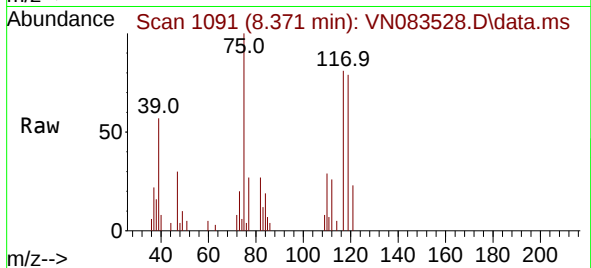
Tgt Ion:114 Resp: 185516
Ion Ratio Lower Upper
114 100
63 21.9 15.9 23.9
88 17.2 12.7 19.1





#29
1,1-Dichloropropene
Concen: 5.144 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

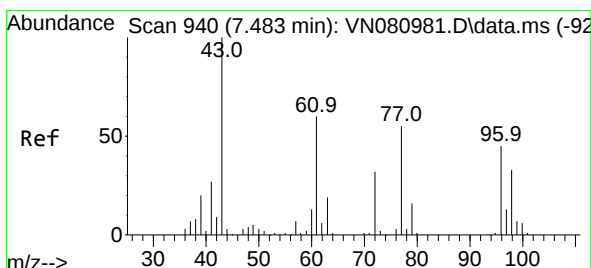
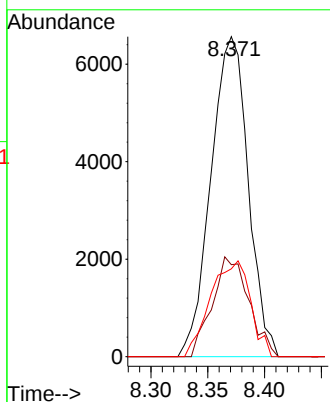
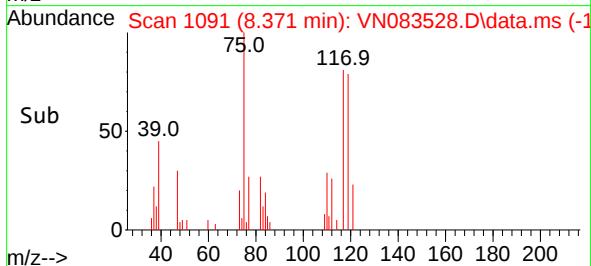
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75	Resp: 14970
Ion Ratio	Lower Upper
75 100	
110 30.6	0.0 70.2
77 32.1	0.0 61.4

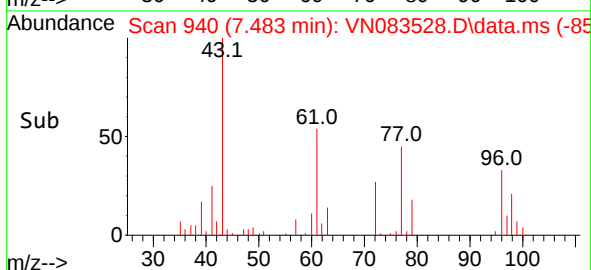
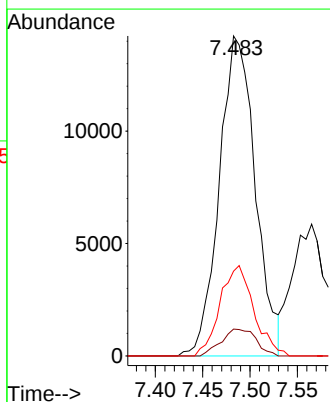
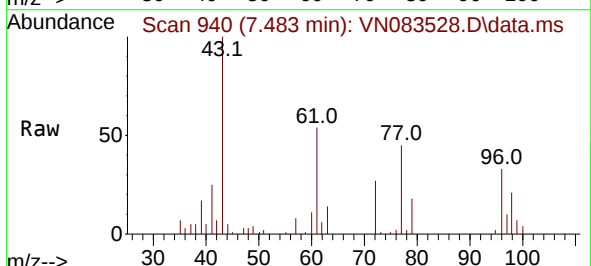
Manual Integrations
APPROVED

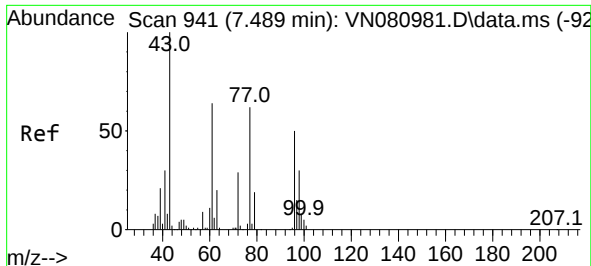
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#30
2-Butanone
Concen: 25.171 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

Tgt Ion: 43	Resp: 37583
Ion Ratio	Lower Upper
43 100	
57 8.2	6.7 10.1
72 26.5	24.0 36.0





#31

2,2-Dichloropropane

Concen: 4.811 ug/l

RT: 7.483 min Scan# 941

Delta R.T. -0.006 min

Lab File: VN083528.D

Acq: 28 Aug 2024 10:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 77 Resp: 1815

Ion Ratio Lower Upper

77 100

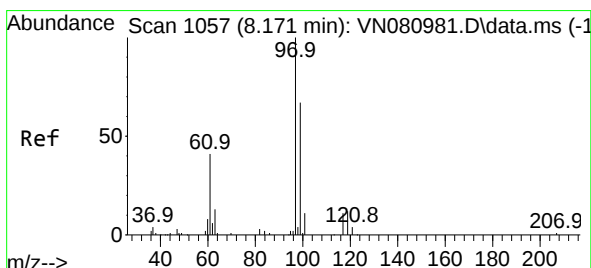
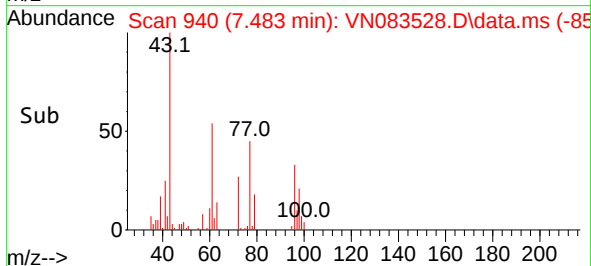
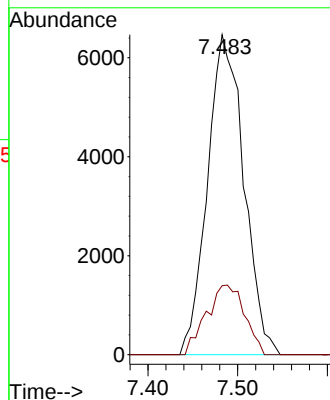
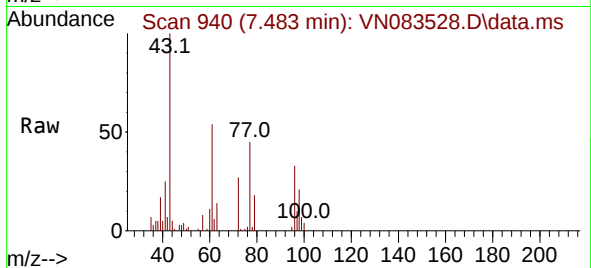
97 22.9 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2024

Supervised By :Mahesh Dadoda 08/29/2024



#32

1,1,1-Trichloroethane

Concen: 4.887 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN083528.D

Acq: 28 Aug 2024 10:07

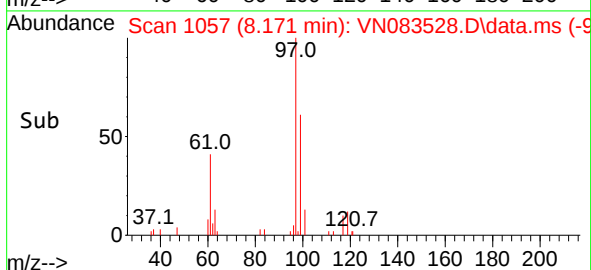
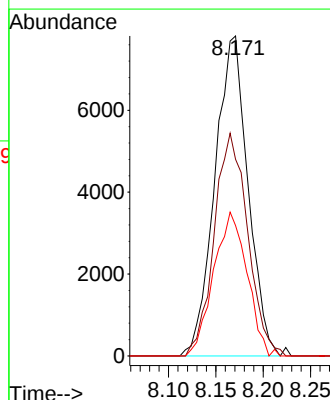
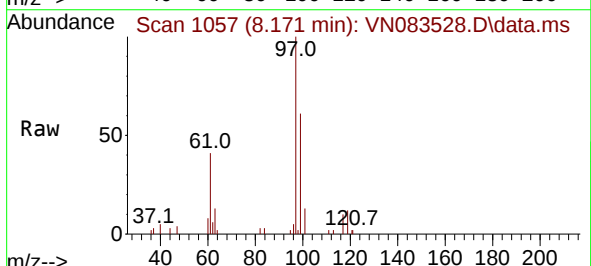
Tgt Ion: 97 Resp: 19009

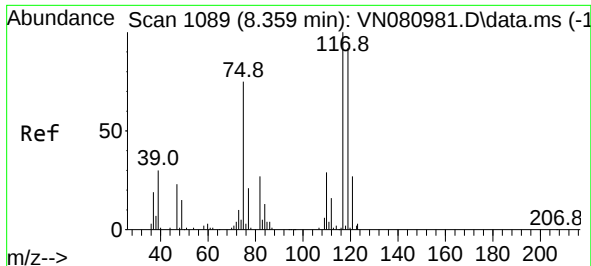
Ion Ratio Lower Upper

97 100

99 70.4 51.0 76.4

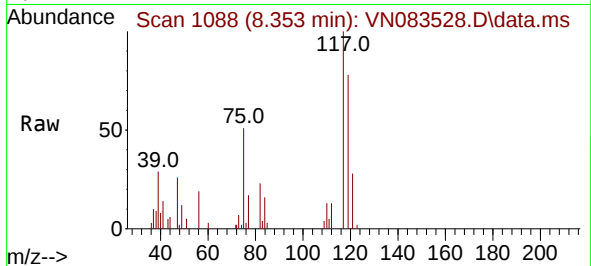
61 45.1 33.8 50.8





#33
Carbon Tetrachloride
Concen: 5.014 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

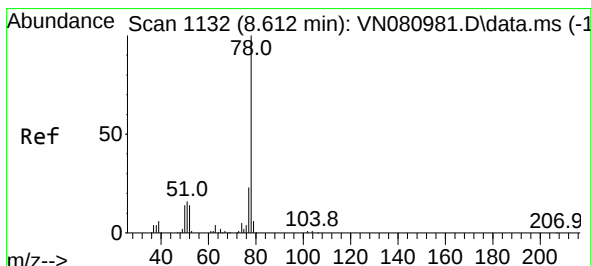
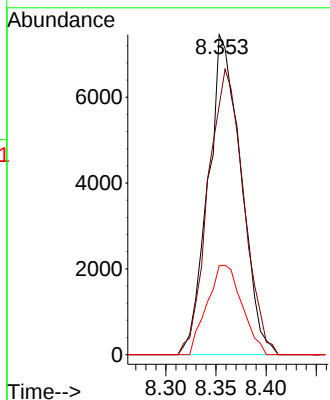
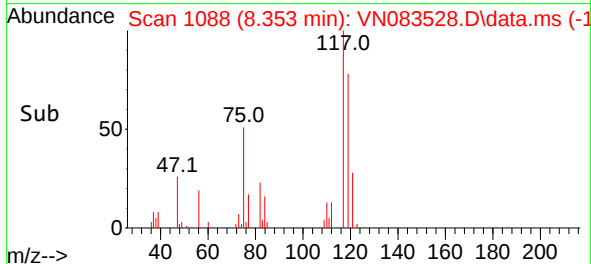
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 117 Resp: 1698
Ion Ratio Lower Upper
117 100
119 77.8 77.7 116.5
121 27.8 27.0 40.6

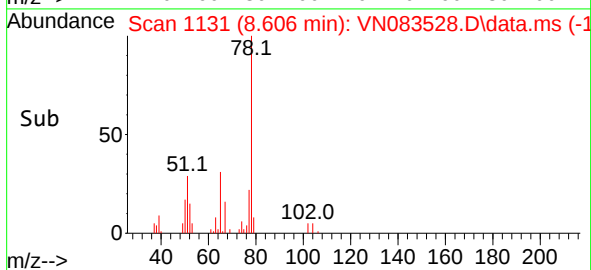
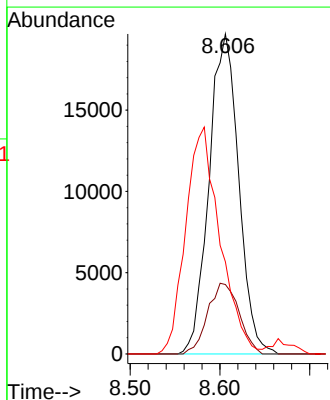
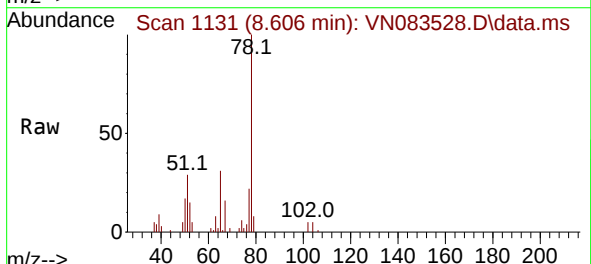
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#34
Benzene
Concen: 5.117 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

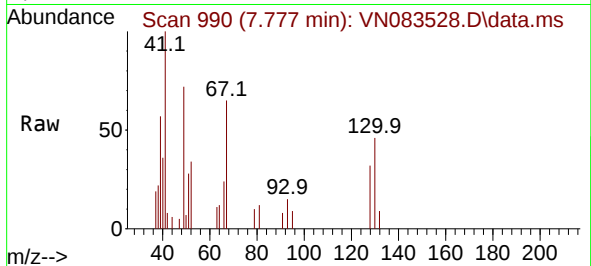
Tgt Ion: 78 Resp: 45188
Ion Ratio Lower Upper
78 100
77 21.7 19.2 28.8
51 24.0 13.3 19.9#





#35
Methacrylonitrile
Concen: 5.164 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

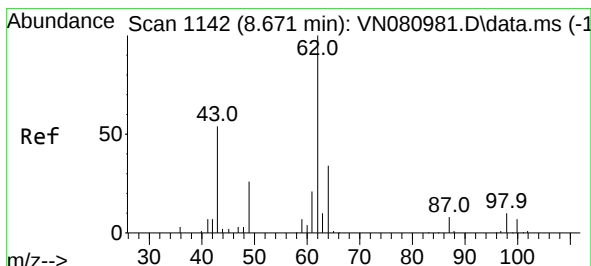
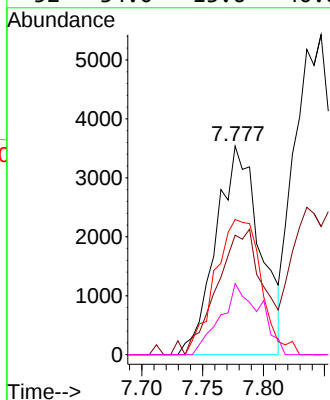
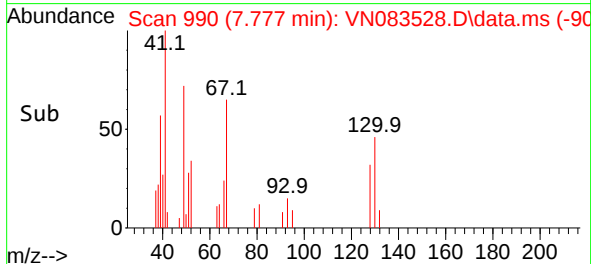
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC005



Tgt Ion: 41 Resp: 892
Ion Ratio Lower Upper
41 100
39 50.7 25.3 75.9
67 64.8 38.7 116.1
52 34.0 13.6 40.8

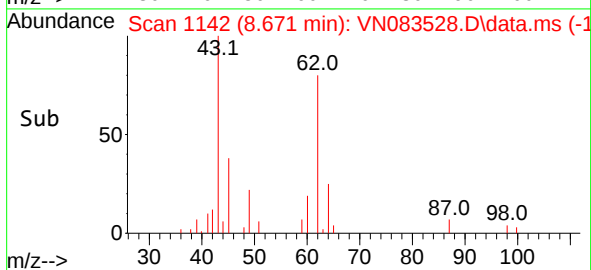
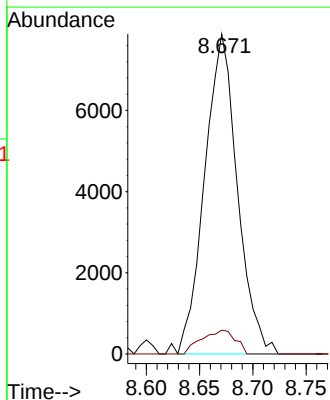
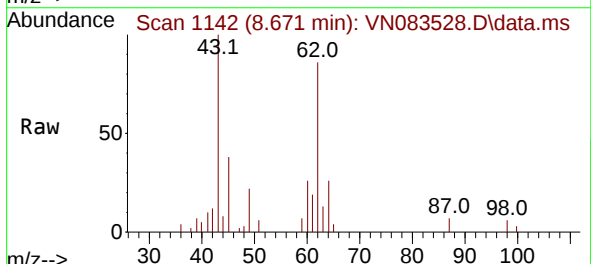
Manual Integrations
APPROVED

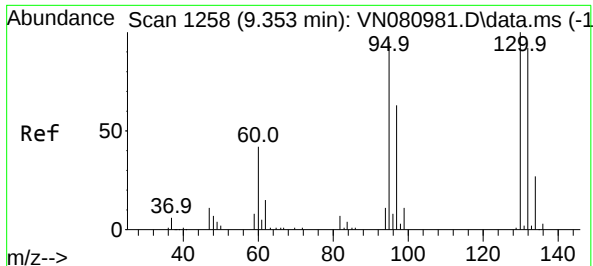
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#36
1,2-Dichloroethane
Concen: 5.110 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

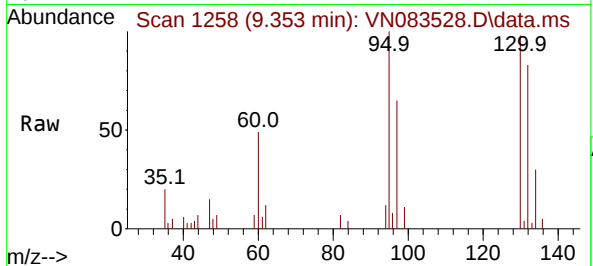
Tgt Ion: 62 Resp: 16826
Ion Ratio Lower Upper
62 100
98 7.7 8.2 12.4#





#37
Trichloroethene
Concen: 5.336 ug/l
RT: 9.353 min Scan# 1116
Delta R.T. 0.000 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

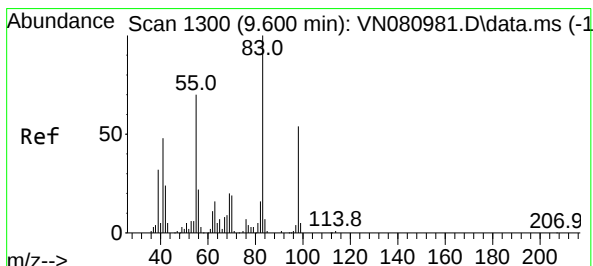
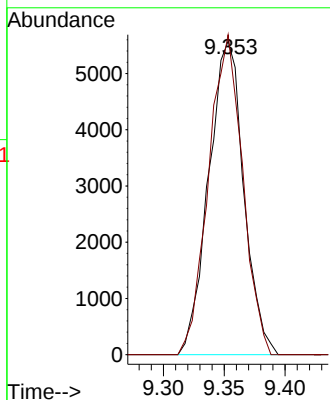
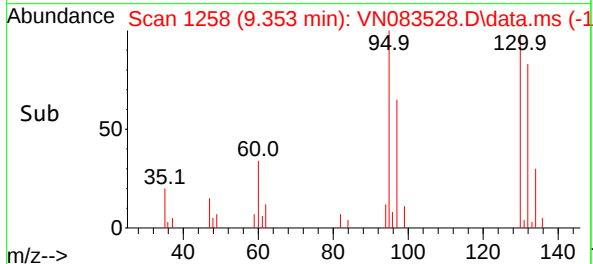
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



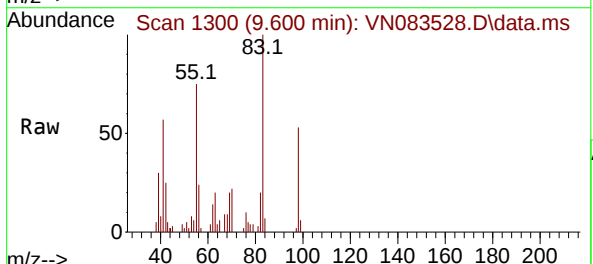
Tgt Ion:130 Resp: 1116
Ion Ratio Lower Upper
130 100
95 102.1 80.2 120.4

Manual Integrations
APPROVED

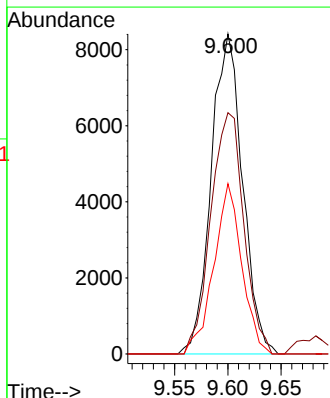
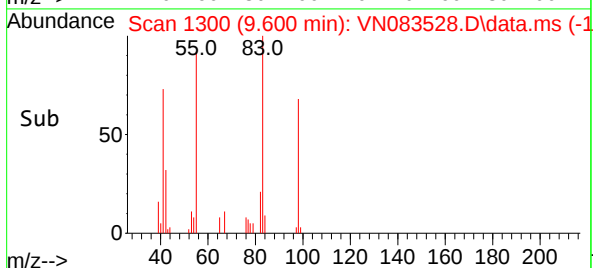
Reviewed By :John Carbone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024

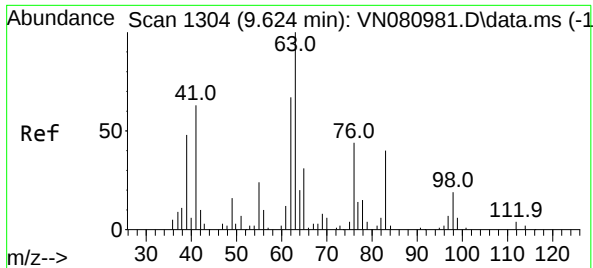


#38
Methylcyclohexane
Concen: 4.829 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07



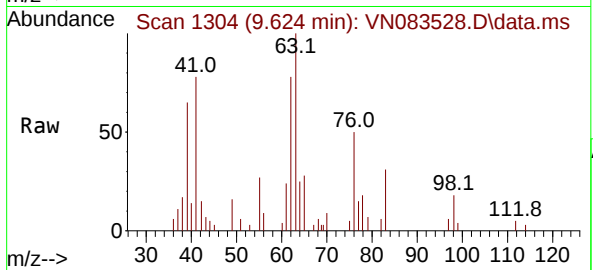
Tgt Ion: 83 Resp: 17236
Ion Ratio Lower Upper
83 100
55 79.3 36.6 109.9
98 47.6 23.8 71.5





#39
1,2-Dichloropropane
Concen: 5.069 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

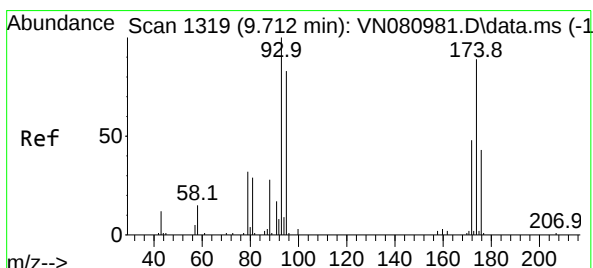
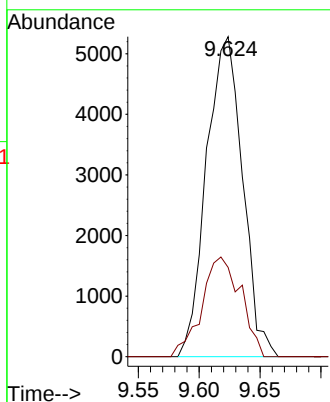
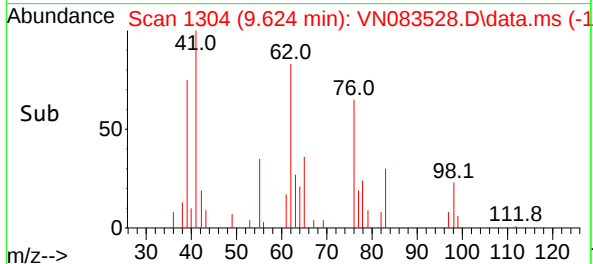
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



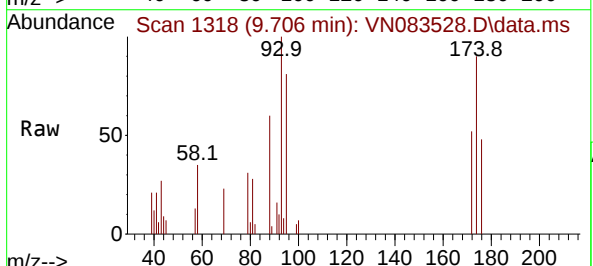
Tgt Ion: 63 Resp: 1088
Ion Ratio Lower Upper
63 100
65 27.9 25.0 37.4

Manual Integrations
APPROVED

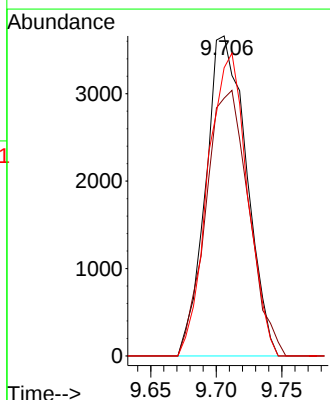
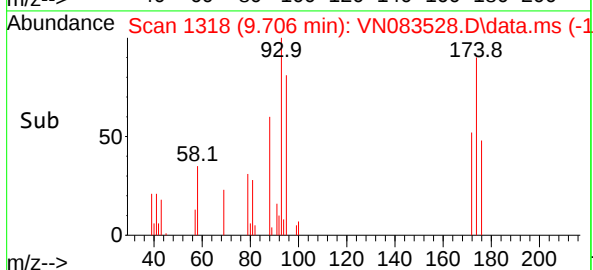
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024

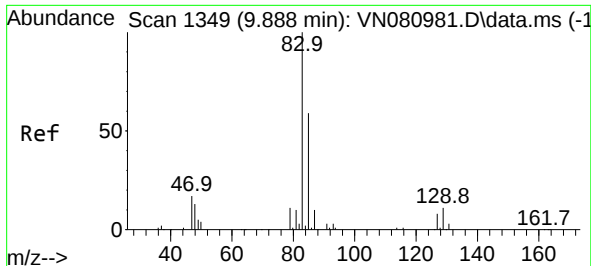


#40
Dibromomethane
Concen: 5.127 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07



Tgt Ion: 93 Resp: 7903
Ion Ratio Lower Upper
93 100
95 87.4 0.0 164.6
174 91.9 0.0 193.2





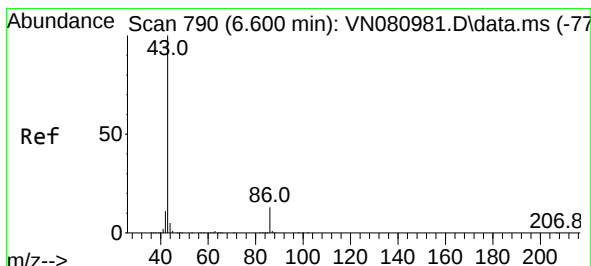
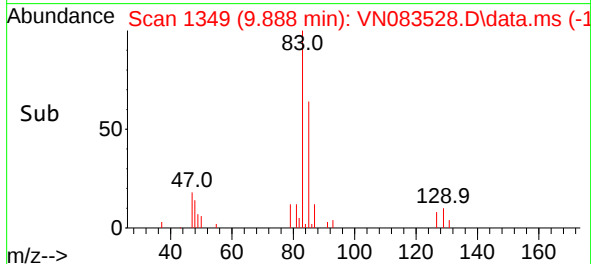
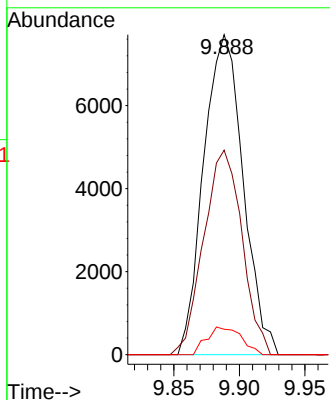
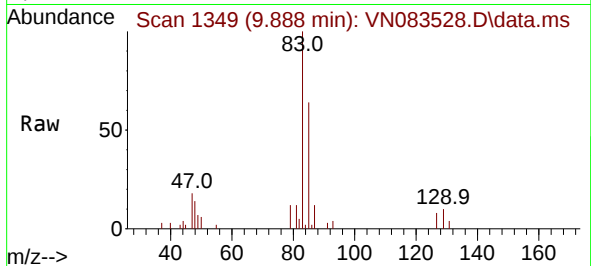
#41
Bromodichloromethane
Concen: 4.838 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 1611
Ion Ratio Lower Upper
83 100
85 63.9 49.4 74.2
127 7.9 7.3 10.9

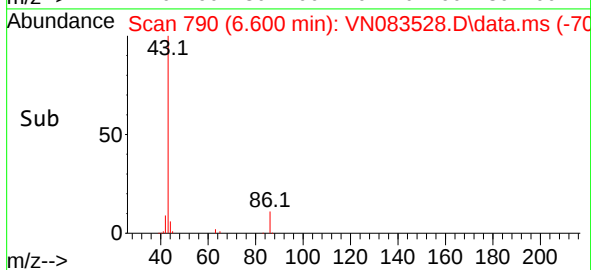
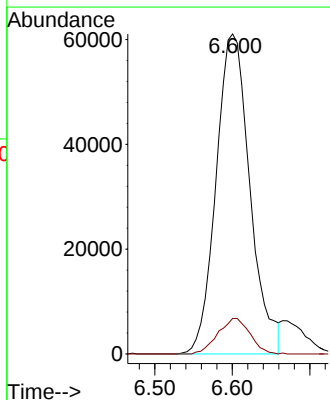
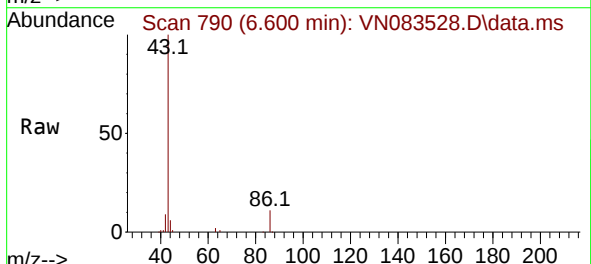
Manual Integrations
APPROVED

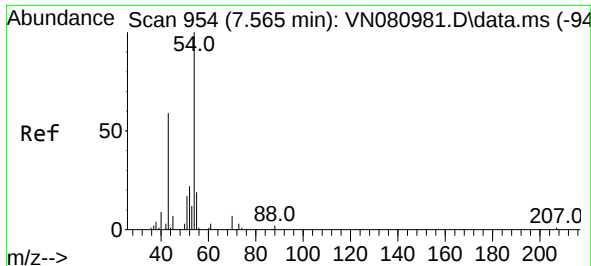
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#42
Vinyl Acetate
Concen: 25.350 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

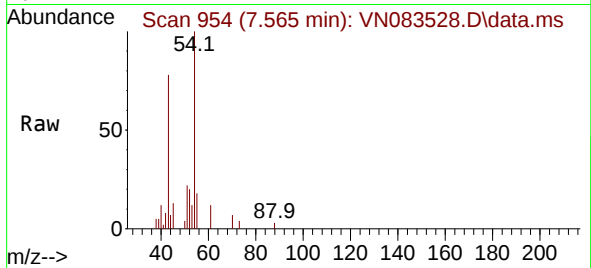
Tgt Ion: 43 Resp: 185748
Ion Ratio Lower Upper
43 100
86 10.5 9.4 14.2





#43
Ethyl Acetate
Concen: 5.154 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

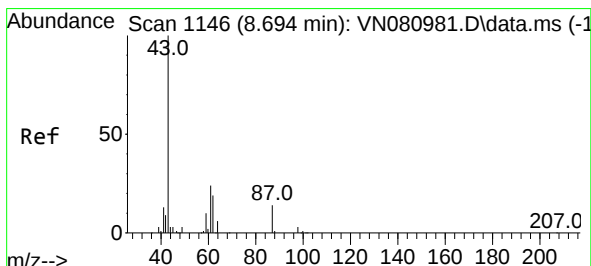
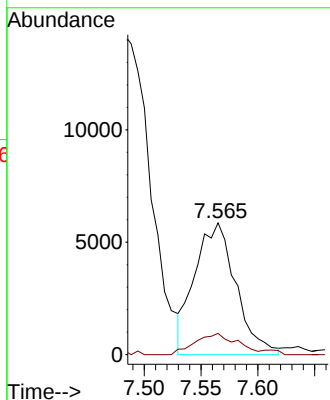
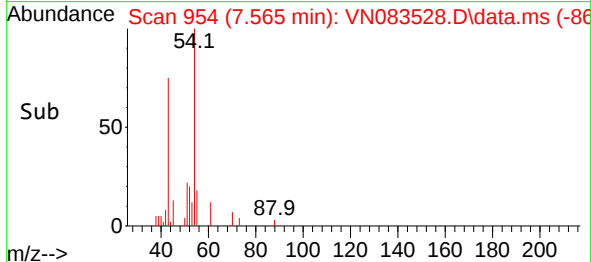
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



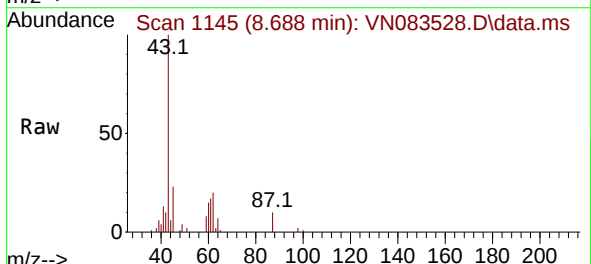
Tgt Ion: 43 Resp: 14780
Ion Ratio Lower Upper
43 100
45 12.9 10.6 15.8

Manual Integrations
APPROVED

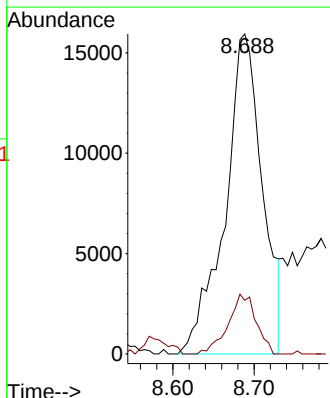
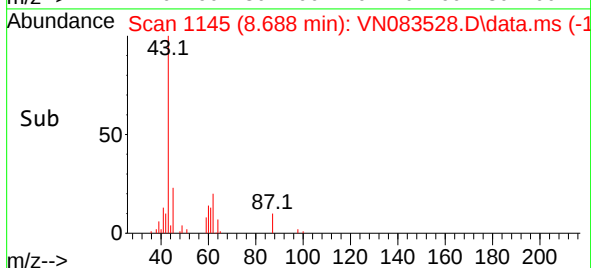
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024

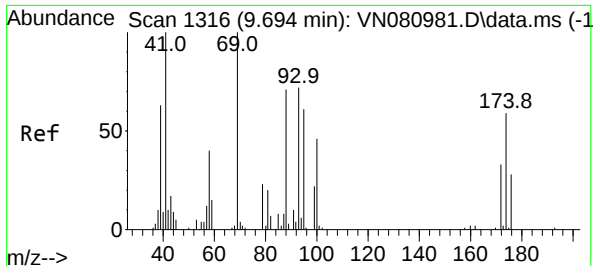


#44
Isopropyl Acetate
Concen: 7.527 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07



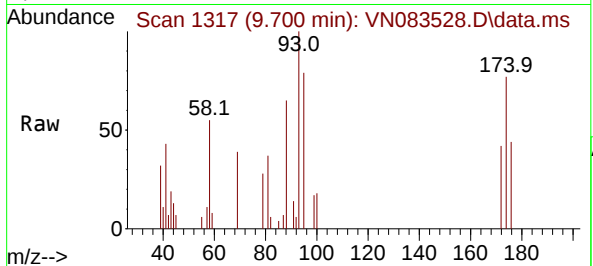
Tgt Ion: 43 Resp: 50998
Ion Ratio Lower Upper
43 100
61 14.0 25.0 37.4#





#45
1,4-Dioxane
Concen: 112.350 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

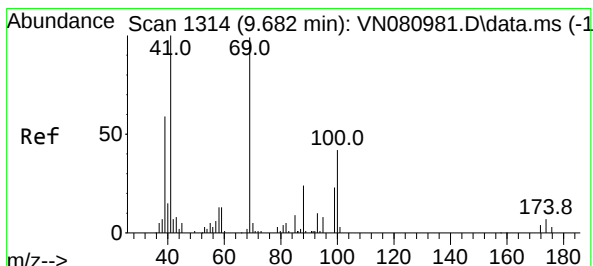
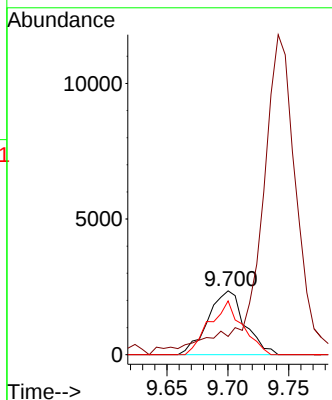
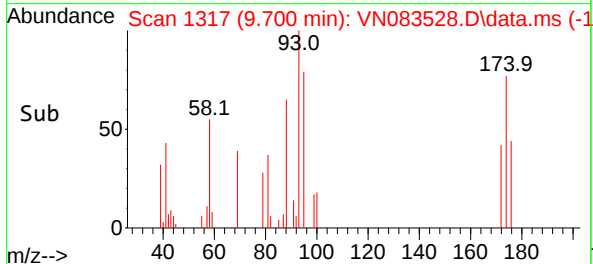
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



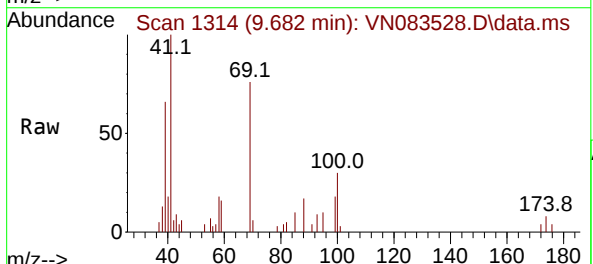
Tgt Ion: 88 Resp: 4930
Ion Ratio Lower Upper
88 100
43 471.3 19.8 29.6
58 75.4 55.4 83.0

Manual Integrations
APPROVED

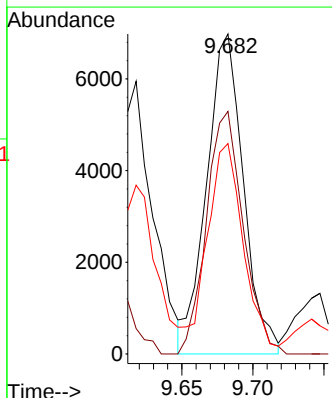
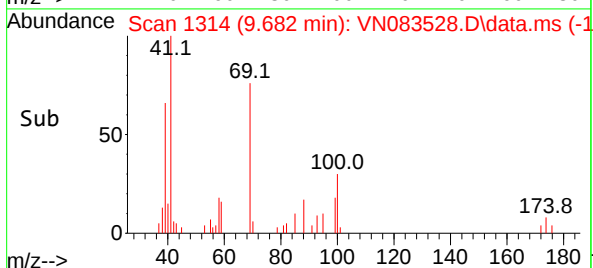
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024

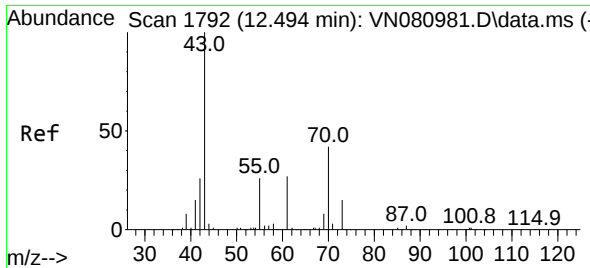


#46
Methyl methacrylate
Concen: 5.019 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07



Tgt Ion: 41 Resp: 12566
Ion Ratio Lower Upper
41 100
69 78.5 51.1 153.3
39 65.5 25.8 77.3





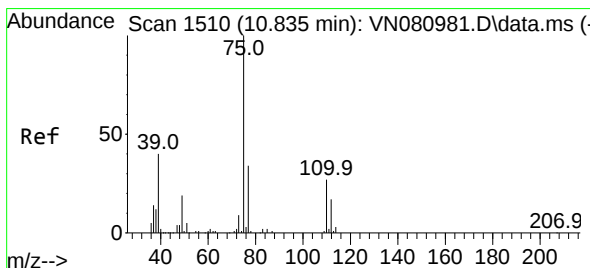
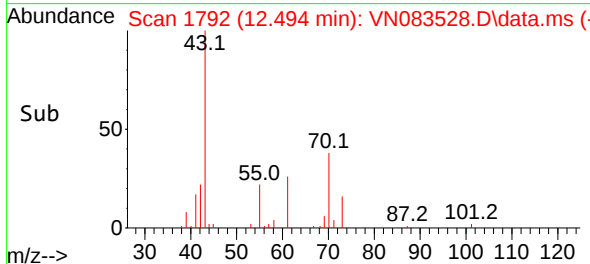
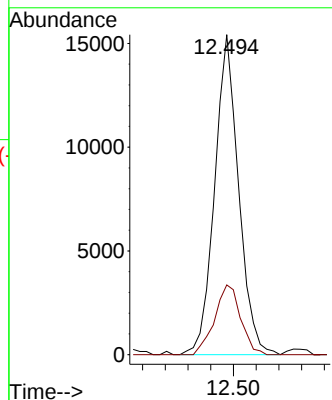
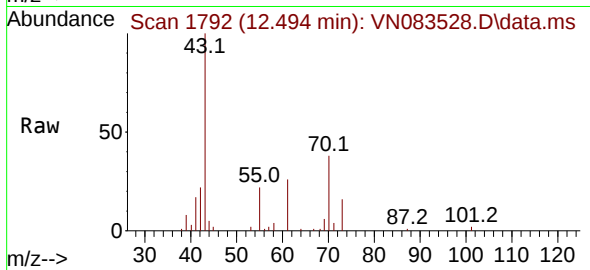
#47
n-amy1 Acetate
Concen: 4.845 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 22589
Ion Ratio Lower Upper
43 100
55 23.6 23.4 35.2

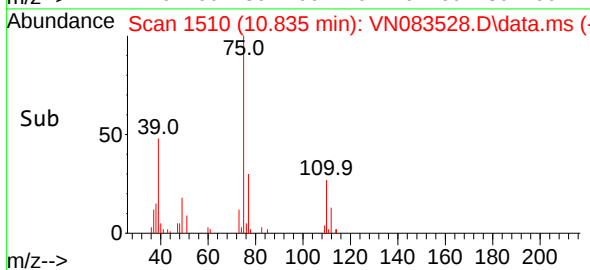
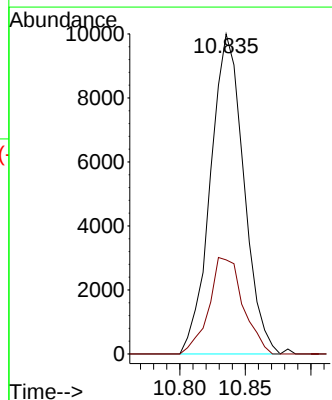
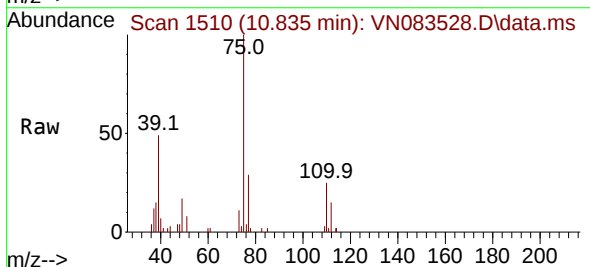
Manual Integrations
APPROVED

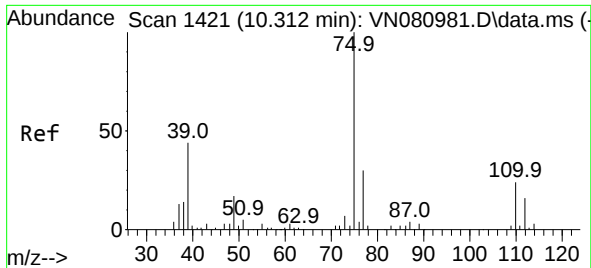
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#48
t-1,3-Dichloropropene
Concen: 4.996 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

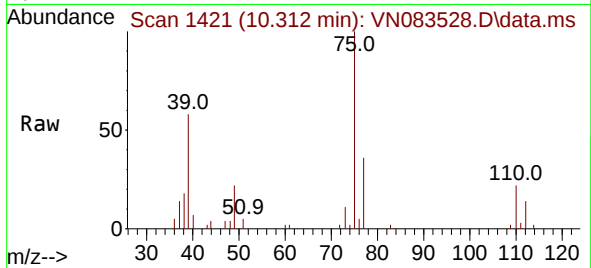
Tgt Ion: 75 Resp: 17649
Ion Ratio Lower Upper
75 100
77 29.4 23.8 35.6





#49
 cis-1,3-Dichloropropene
 Concen: 5.061 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN083528.D
 Acq: 28 Aug 2024 10:07

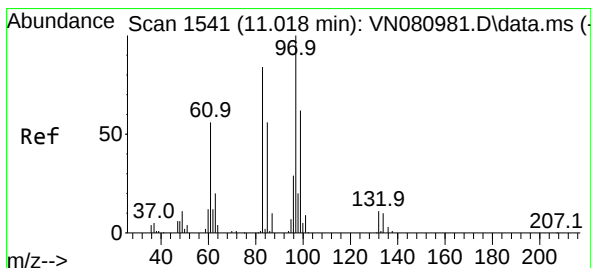
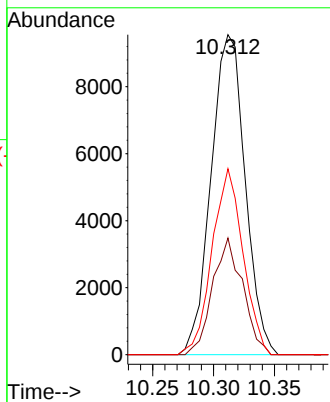
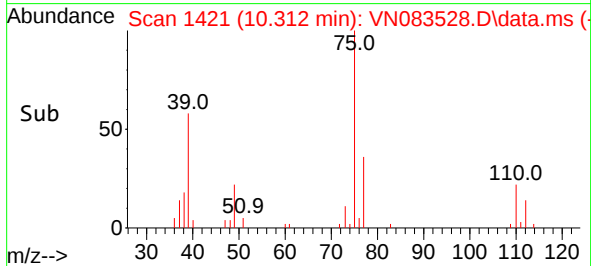
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 75 Resp: 18638
 Ion Ratio Lower Upper
 75 100
 77 36.4 24.9 37.3
 39 58.1 31.0 46.6

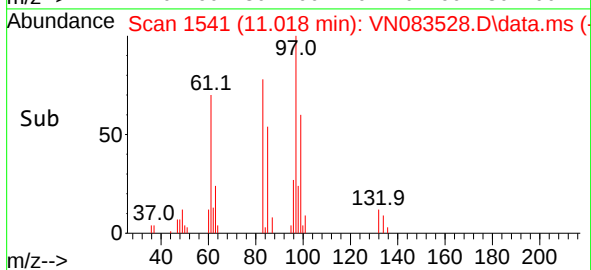
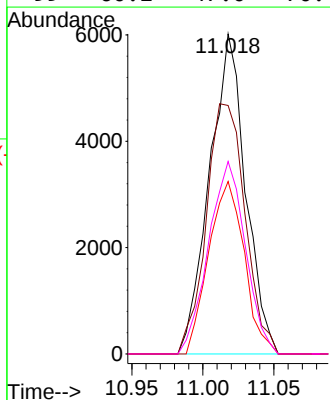
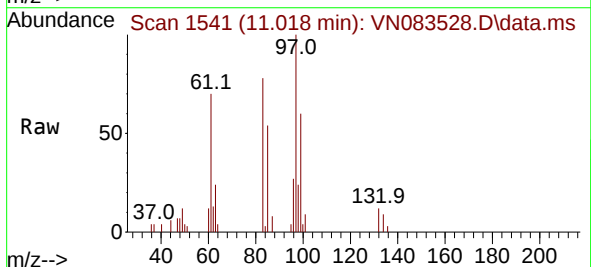
Manual Integrations
 APPROVED

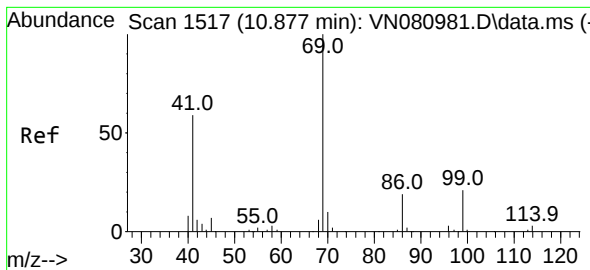
Reviewed By :John Carlone 08/28/2024
 Supervised By :Mahesh Dadoda 08/29/2024



#50
 1,1,2-Trichloroethane
 Concen: 5.137 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN083528.D
 Acq: 28 Aug 2024 10:07

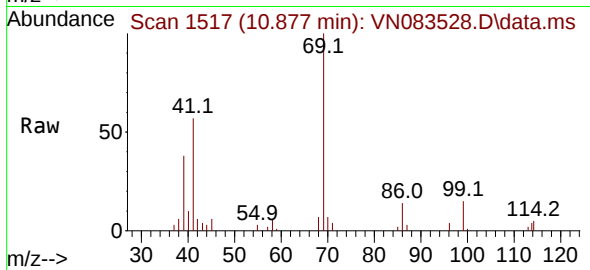
Tgt Ion: 97 Resp: 10611
 Ion Ratio Lower Upper
 97 100
 83 77.7 68.1 102.1
 85 53.9 41.8 62.6
 99 60.2 47.0 70.4





#51
Ethyl methacrylate
Concen: 5.001 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

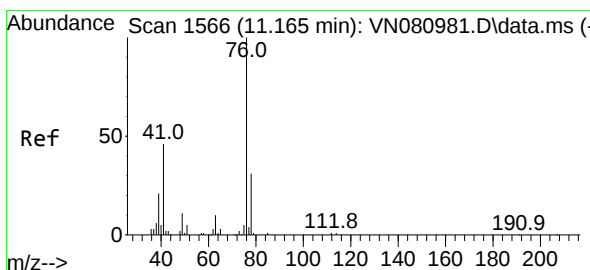
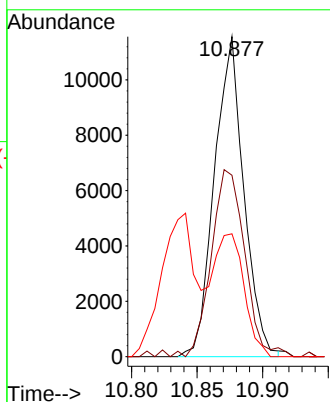
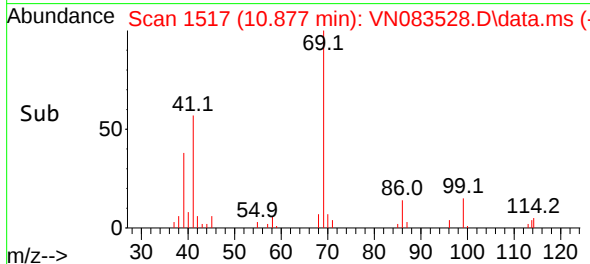
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 69 Resp: 18010
Ion Ratio Lower Upper
69 100
41 55.0 25.5 76.5
39 38.4 16.0 47.9

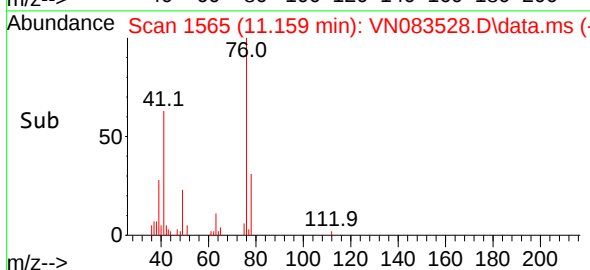
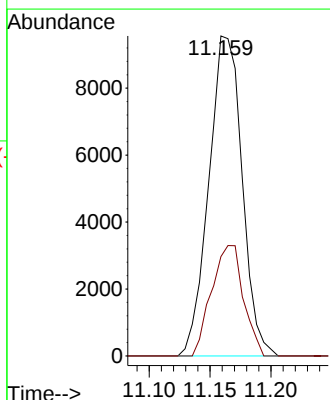
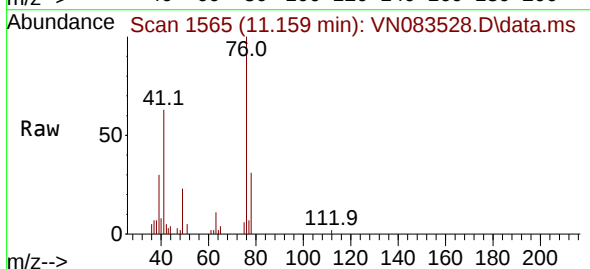
Manual Integrations
APPROVED

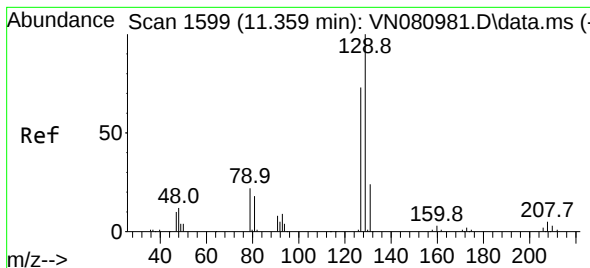
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#52
1,3-Dichloropropane
Concen: 5.045 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

Tgt Ion: 76 Resp: 18197
Ion Ratio Lower Upper
76 100
78 33.0 0.0 65.8





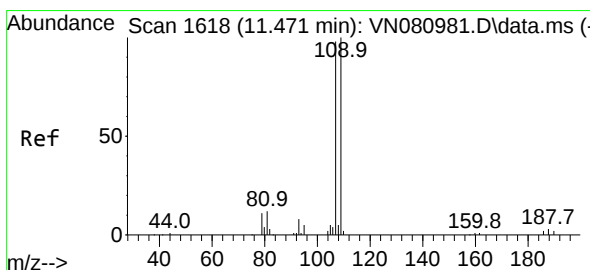
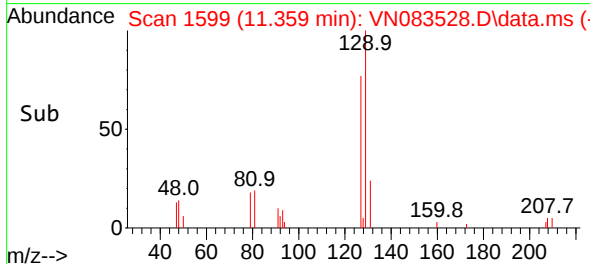
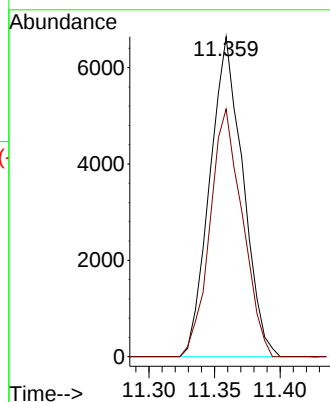
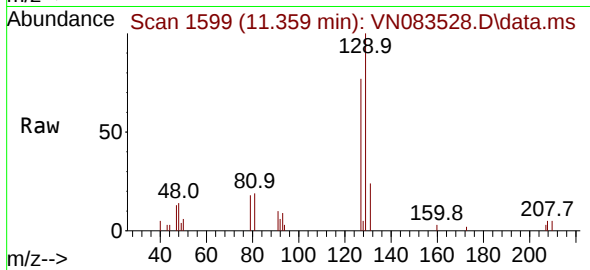
#53
Dibromochloromethane
Concen: 4.811 ug/l
RT: 11.359 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:129 Resp: 1164
Ion Ratio Lower Upper
129 100
127 76.0 39.4 118.1

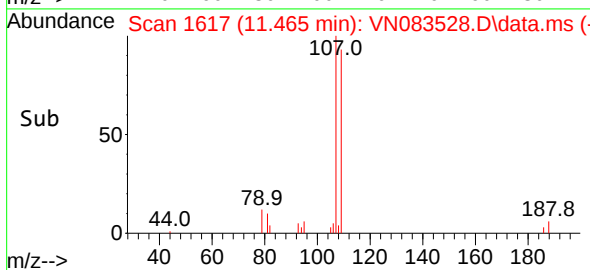
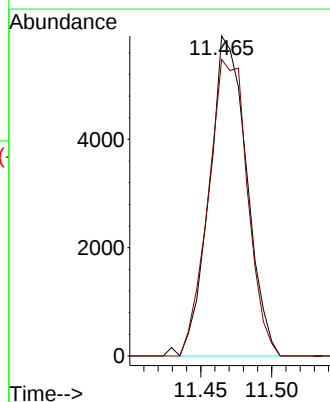
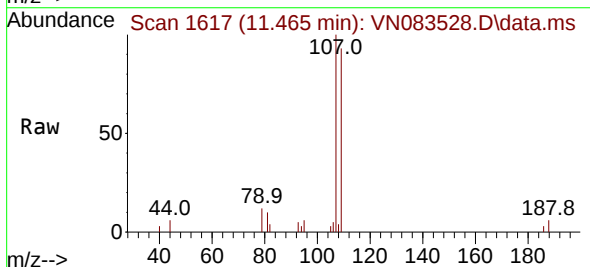
Manual Integrations
APPROVED

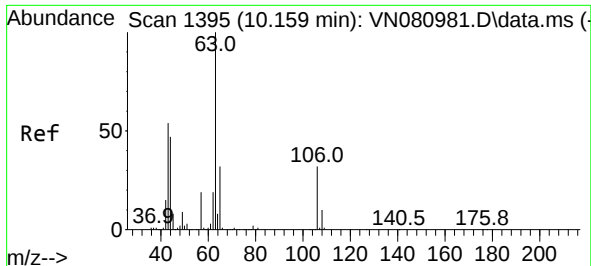
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#54
1,2-Dibromoethane
Concen: 5.068 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

Tgt Ion:107 Resp: 10727
Ion Ratio Lower Upper
107 100
109 97.6 74.7 112.1





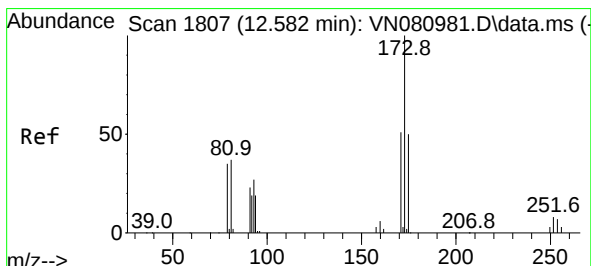
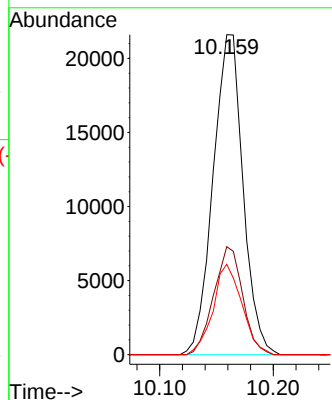
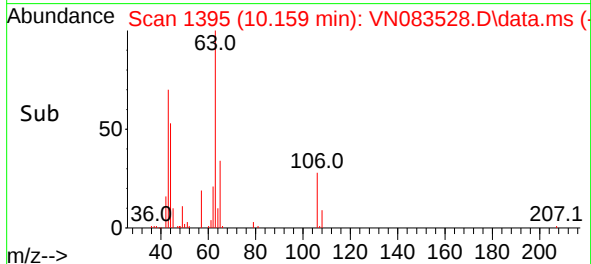
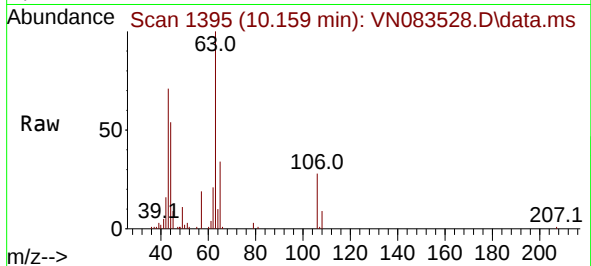
#55
2-Chloroethyl vinyl ether
Concen: 25.831 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 63 Resp: 3961
Ion Ratio Lower Upper
63 100
65 32.5 26.2 39.2
106 27.3 23.8 35.8

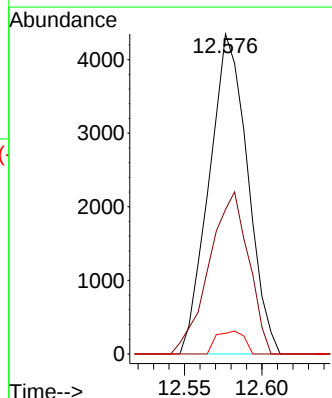
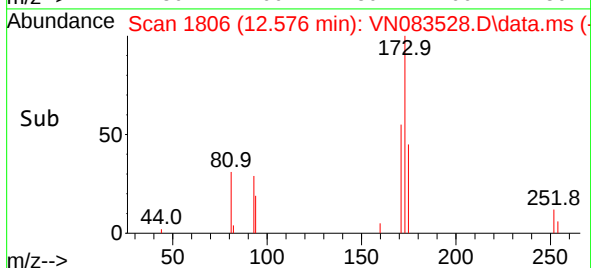
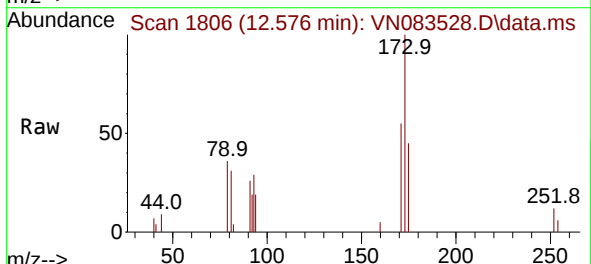
Manual Integrations
APPROVED

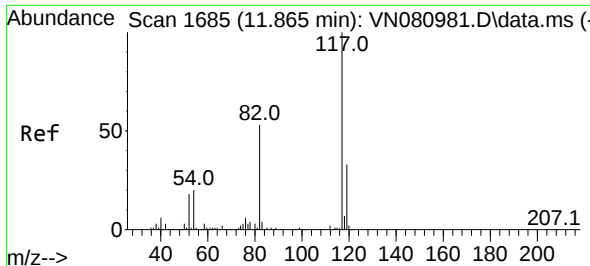
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#56
Bromoform
Concen: 4.739 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

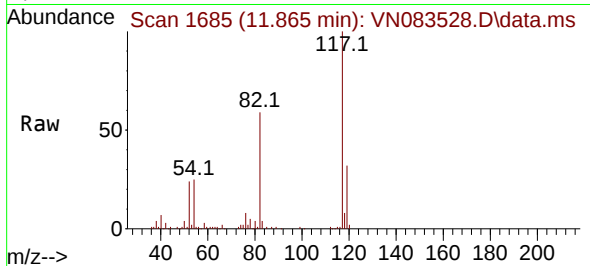
Tgt Ion:173 Resp: 7488
Ion Ratio Lower Upper
173 100
175 52.1 40.0 60.0
254 0.0 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

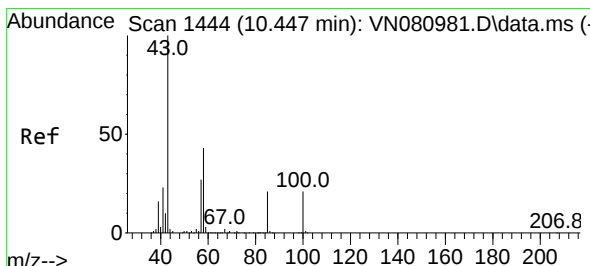
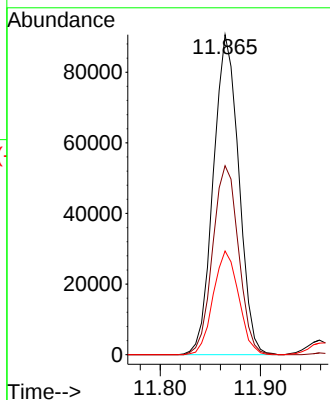
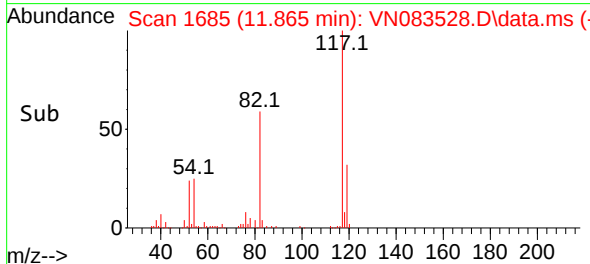
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 159784
Ion Ratio Lower Upper
117 100
82 60.1 46.6 69.8
119 32.4 25.4 38.2

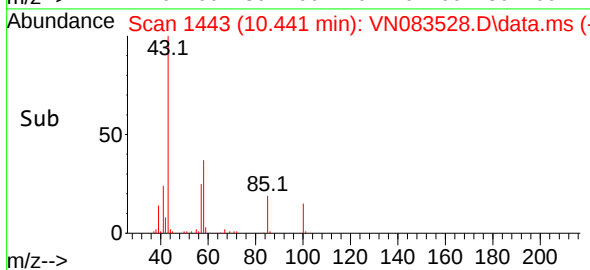
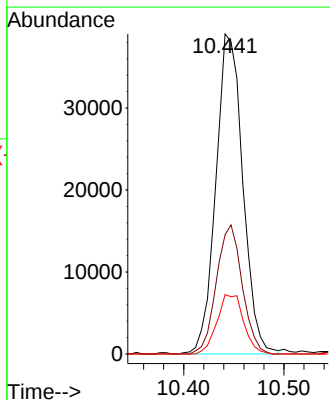
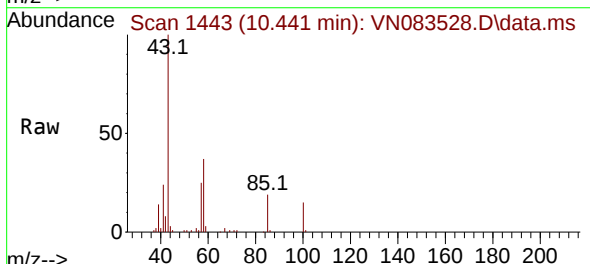
Manual Integrations
APPROVED

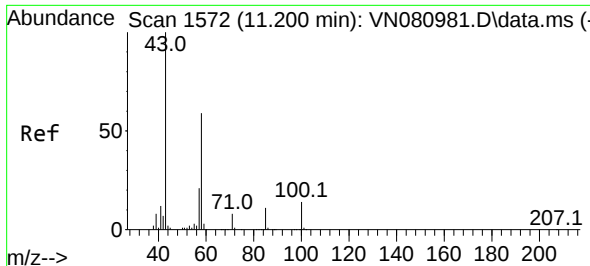
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#58
4-Methyl-2-Pentanone
Concen: 25.731 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

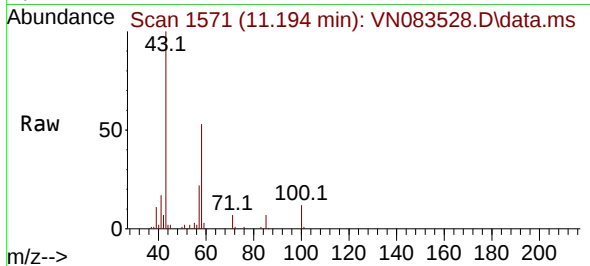
Tgt Ion: 43 Resp: 72917
Ion Ratio Lower Upper
43 100
58 38.6 36.5 54.7
85 18.3 19.5 29.3#





#59
2-Hexanone
Concen: 25.137 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

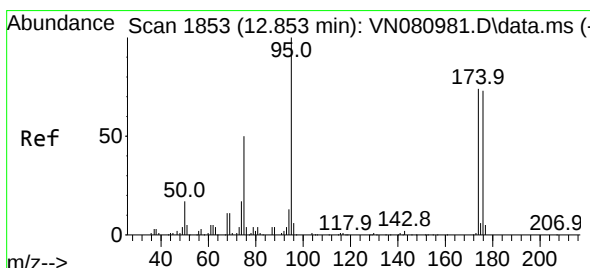
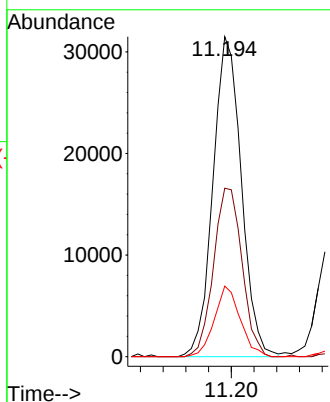
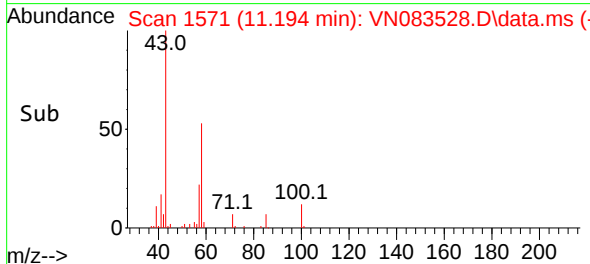
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 54630
Ion Ratio Lower Upper
43 100
58 52.8 50.4 75.6
57 20.2 18.6 27.8

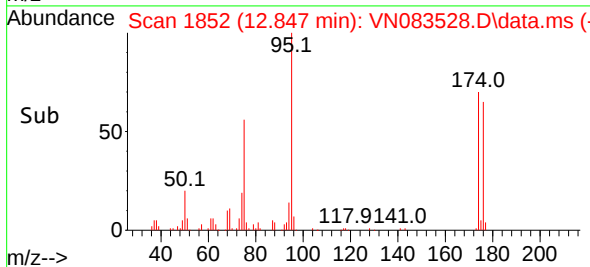
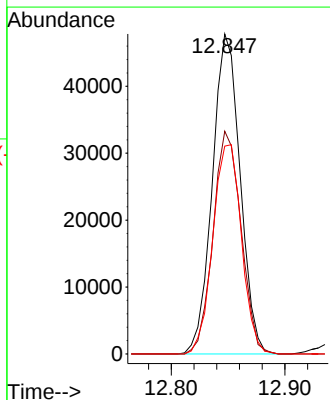
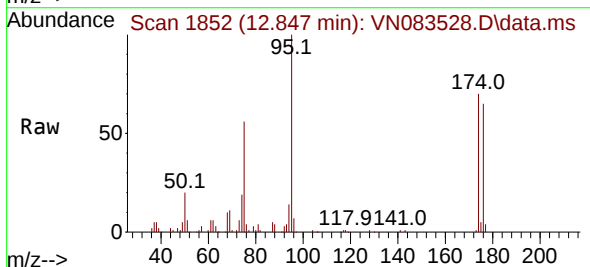
Manual Integrations
APPROVED

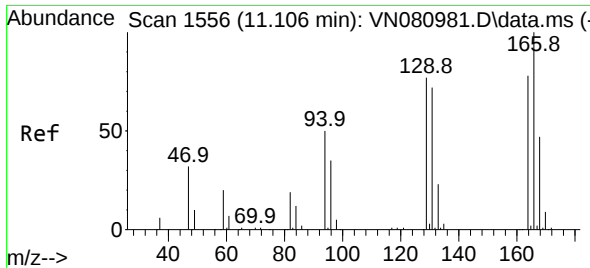
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#60
4-Bromofluorobenzene
Concen: 28.725 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

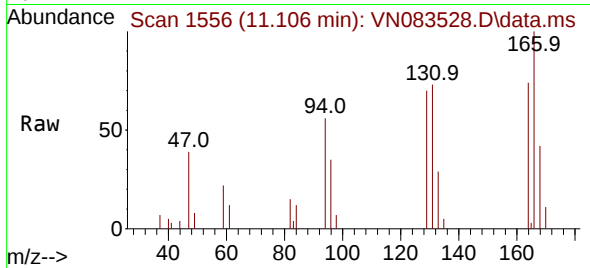
Tgt Ion: 95 Resp: 81257
Ion Ratio Lower Upper
95 100
174 70.0 60.5 90.7
176 67.4 57.8 86.6





#61
Tetrachloroethene
Concen: 5.377 ug/l
RT: 11.106 min Scan# 1156
Delta R.T. 0.000 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

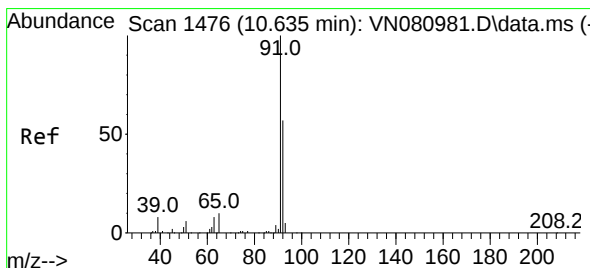
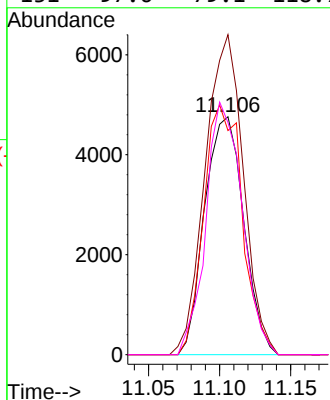
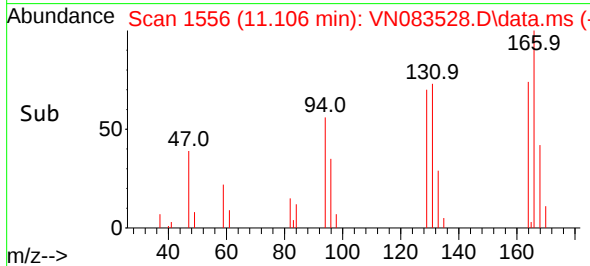
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



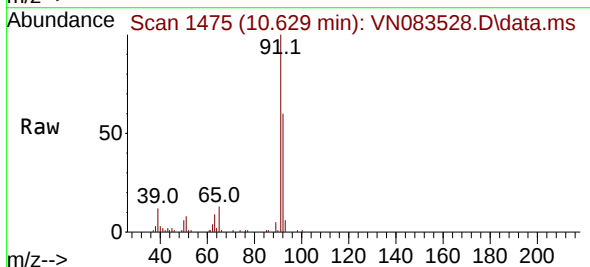
Tgt Ion:164 Resp: 9124
Ion Ratio Lower Upper
164 100
166 134.5 106.7 160.1
129 94.3 85.8 128.6
131 97.6 79.1 118.7

Manual Integrations
APPROVED

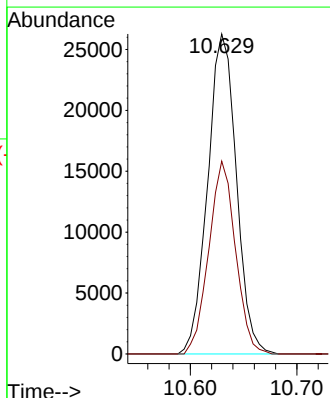
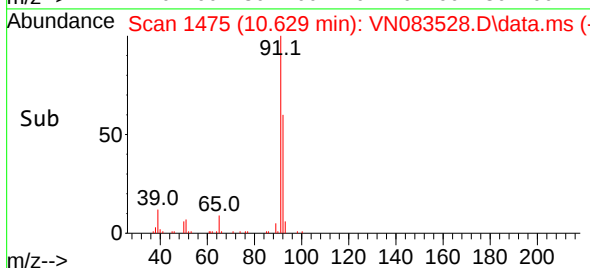
Reviewed By :John Carbone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024

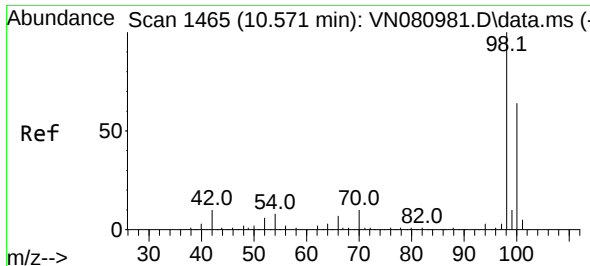


#62
Toluene
Concen: 5.316 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07



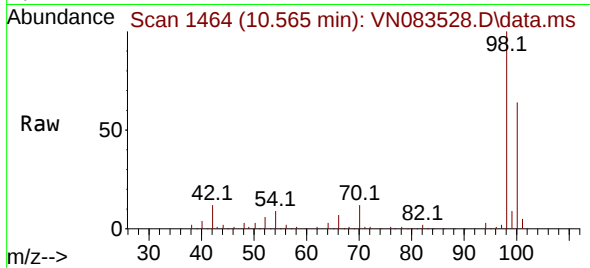
Tgt Ion: 91 Resp: 49130
Ion Ratio Lower Upper
91 100
92 56.2 46.5 69.7





#63
Toluene-d8
Concen: 30.748 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

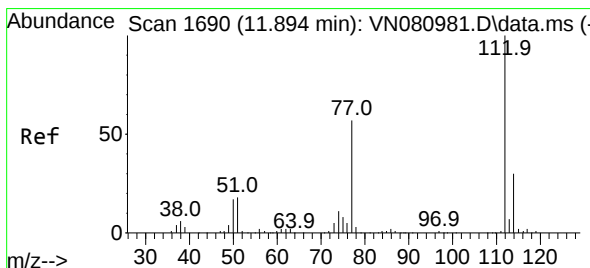
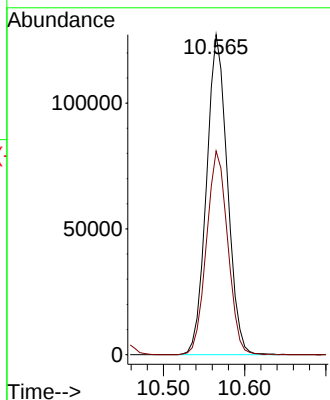
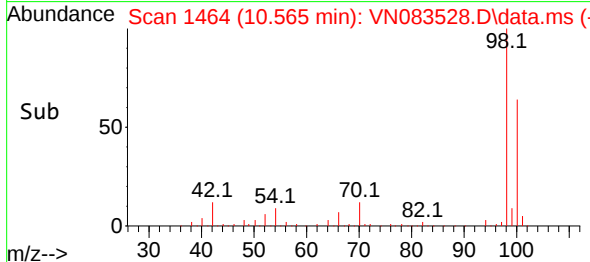
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 98 Resp: 226810
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1

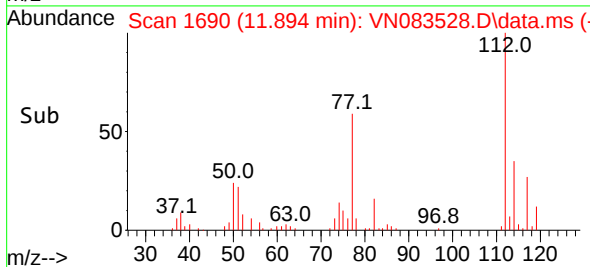
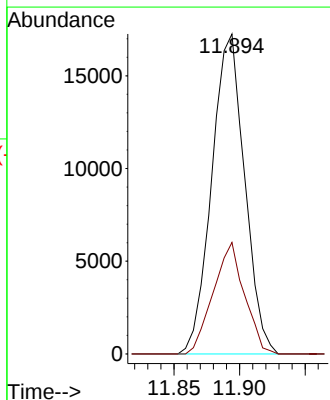
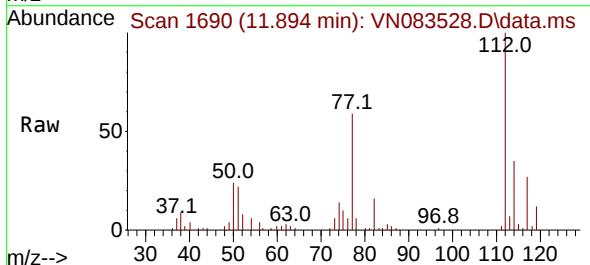
Manual Integrations
APPROVED

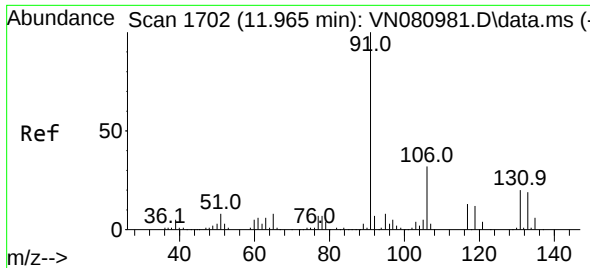
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#64
Chlorobenzene
Concen: 5.255 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

Tgt Ion:112 Resp: 30090
Ion Ratio Lower Upper
112 100
114 34.9 26.6 39.8





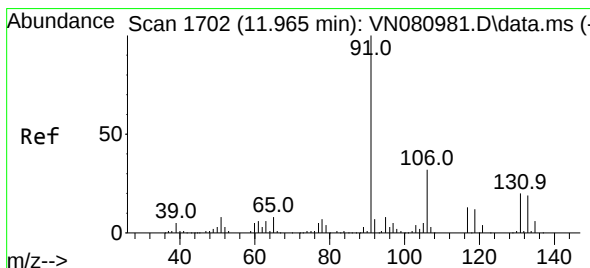
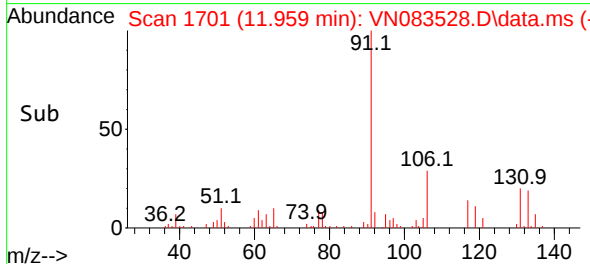
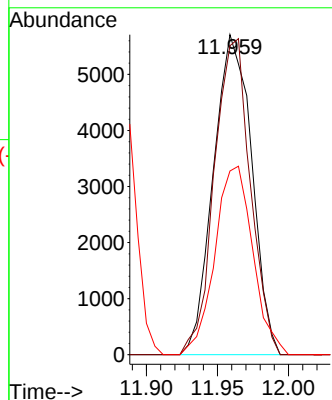
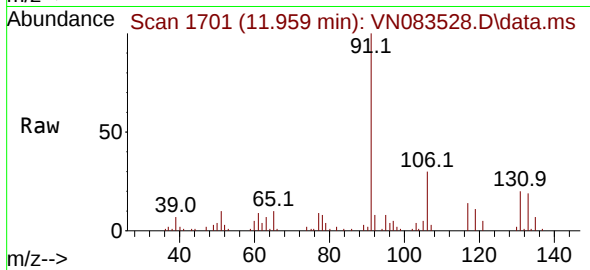
#65
1,1,1,2-Tetrachloroethane
Concen: 5.250 ug/l
RT: 11.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:131 Resp: 10700
Ion Ratio Lower Upper
131 100
133 92.8 0.0 188.0
119 58.5 0.0 122.8

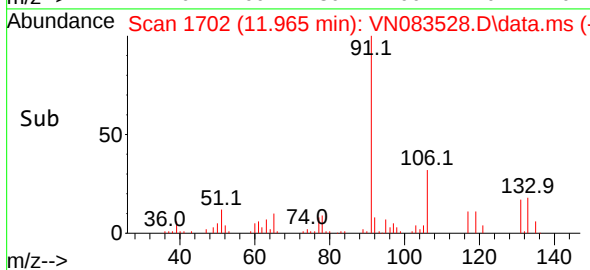
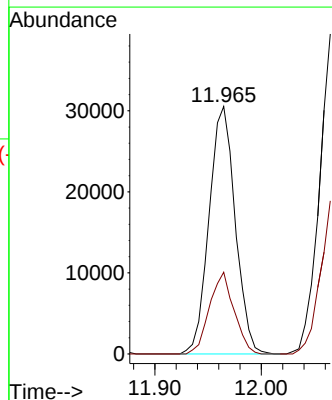
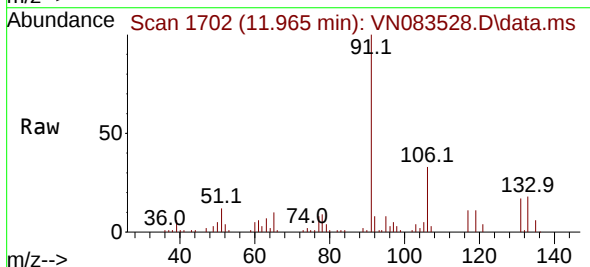
Manual Integrations
APPROVED

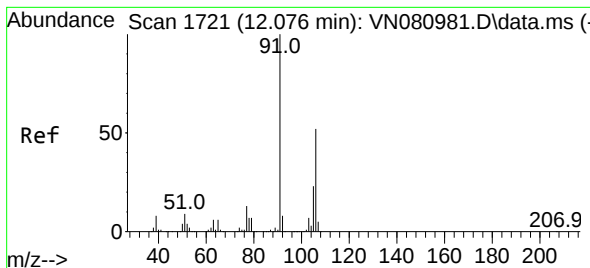
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#66
Ethyl Benzene
Concen: 5.001 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

Tgt Ion: 91 Resp: 52145
Ion Ratio Lower Upper
91 100
106 33.1 24.4 36.6





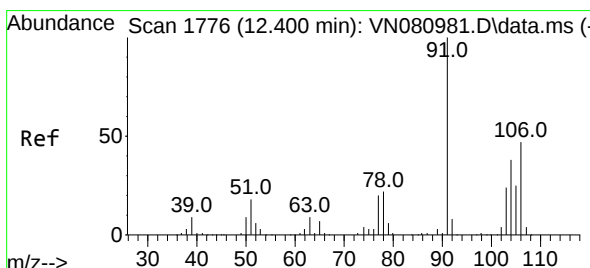
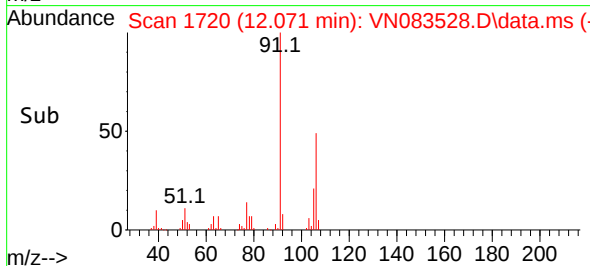
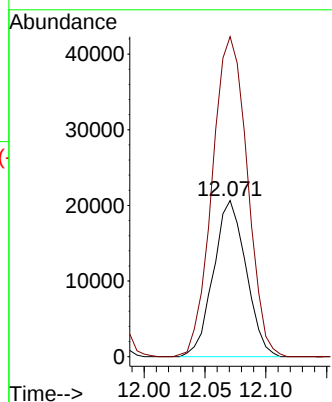
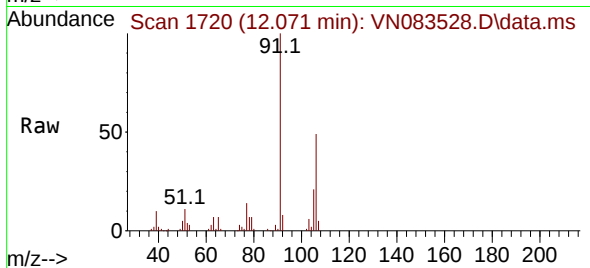
#67
m/p-Xylenes
Concen: 9.952 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 3846
Ion Ratio Lower Upper
106 100
91 220.5 166.6 249.8

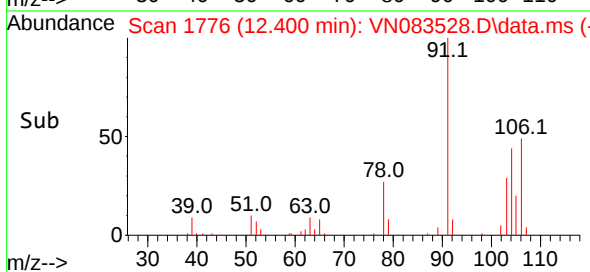
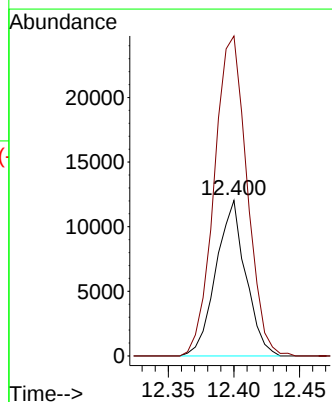
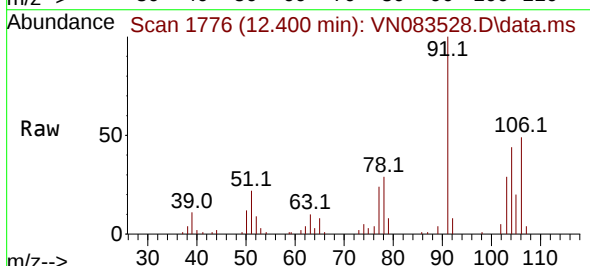
Manual Integrations
APPROVED

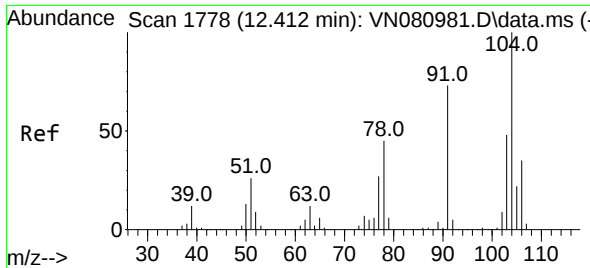
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#68
o-Xylene
Concen: 5.003 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

Tgt Ion:106 Resp: 18986
Ion Ratio Lower Upper
106 100
91 226.2 110.0 330.0





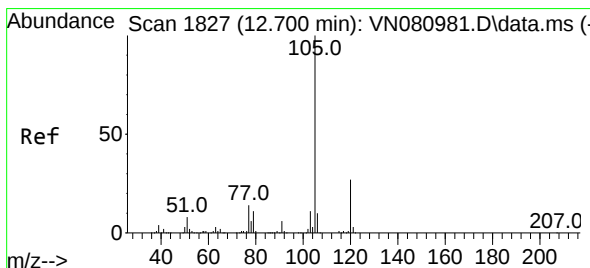
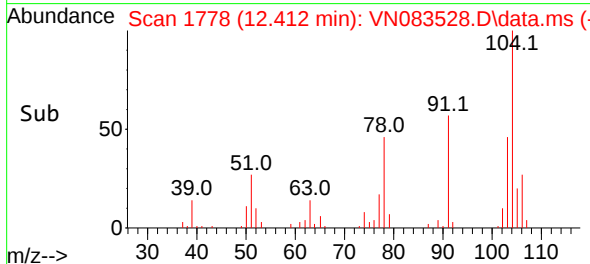
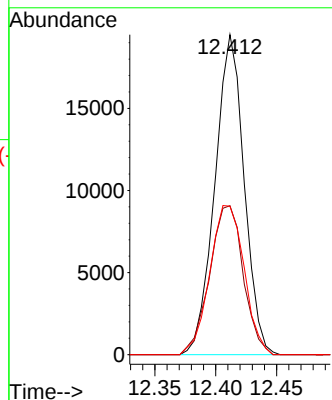
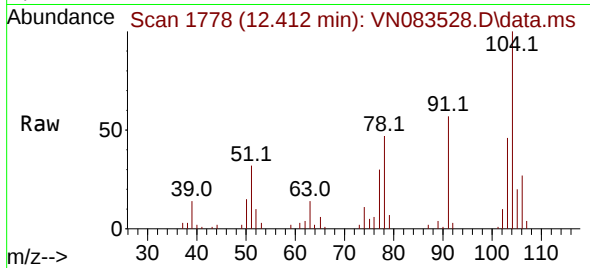
#69
Styrene
Concen: 5.045 ug/l
RT: 12.412 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:104 Resp: 32600
Ion Ratio Lower Upper
104 100
78 53.4 42.6 64.0
103 54.6 43.7 65.5

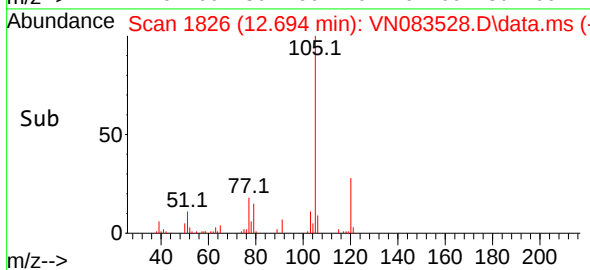
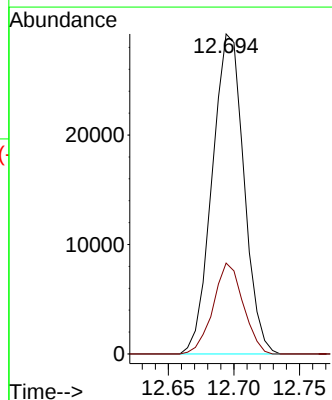
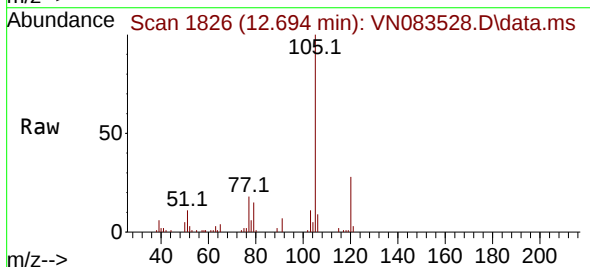
Manual Integrations
APPROVED

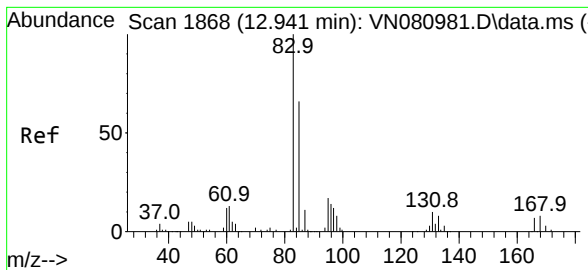
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#70
Isopropylbenzene
Concen: 4.901 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

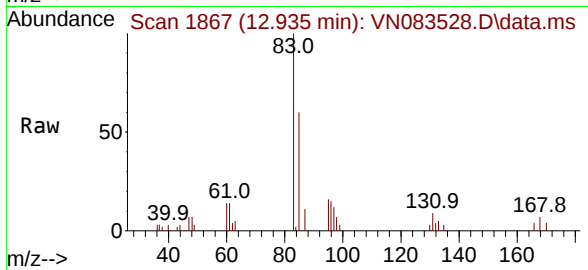
Tgt Ion:105 Resp: 49127
Ion Ratio Lower Upper
105 100
120 26.9 17.8 33.1





#71
 1,1,2,2-Tetrachloroethane
 Concen: 5.190 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.006 min
 Lab File: VN083528.D
 Acq: 28 Aug 2024 10:07

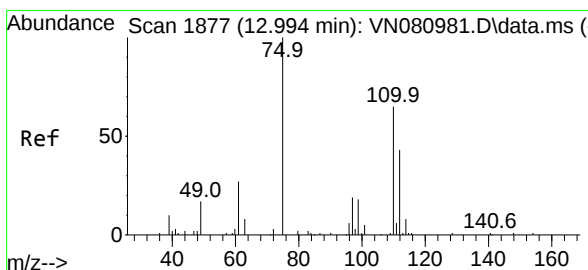
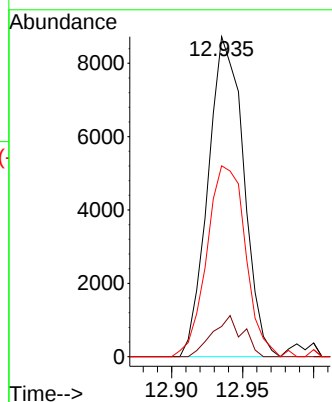
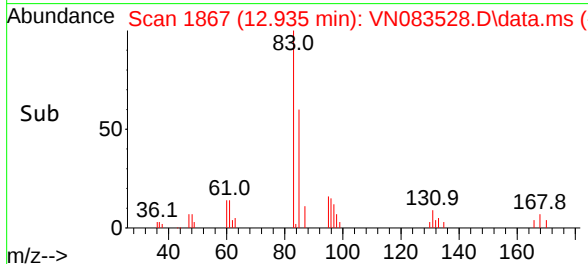
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 83 Resp: 15190
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.2 15.6
 85 64.7 32.3 96.8

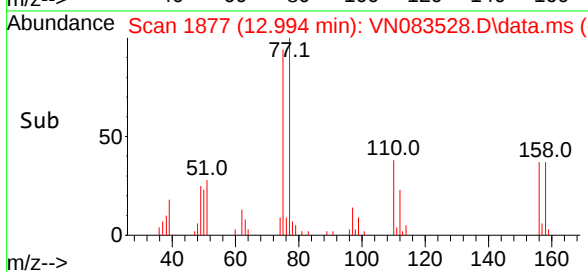
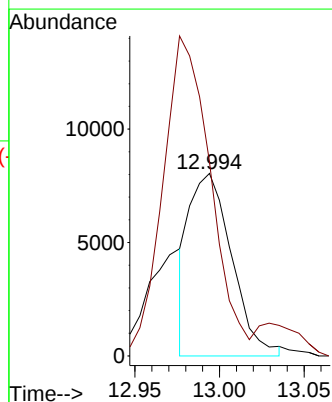
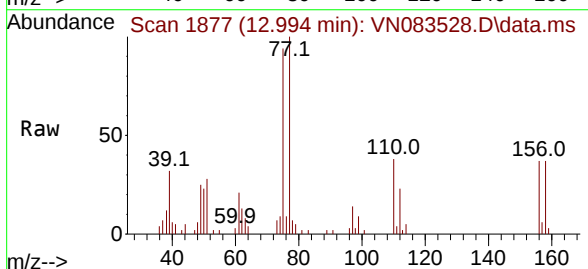
Manual Integrations
 APPROVED

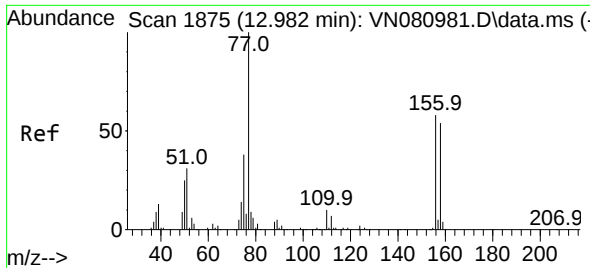
Reviewed By :John Carlone 08/28/2024
 Supervised By :Mahesh Dadoda 08/29/2024



#72
 1,2,3-Trichloropropane
 Concen: 5.563 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN083528.D
 Acq: 28 Aug 2024 10:07

Tgt Ion: 75 Resp: 14034
 Ion Ratio Lower Upper
 75 100
 77 197.3 0.0 367.6





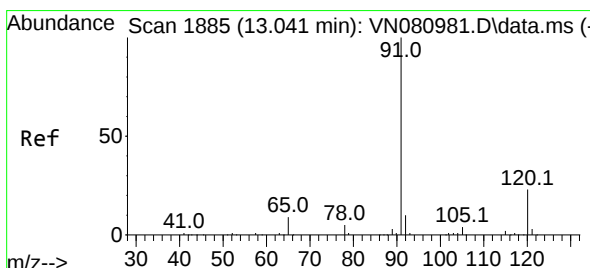
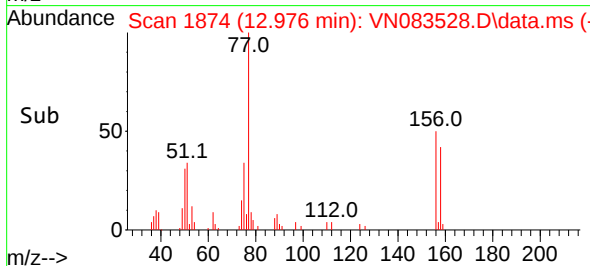
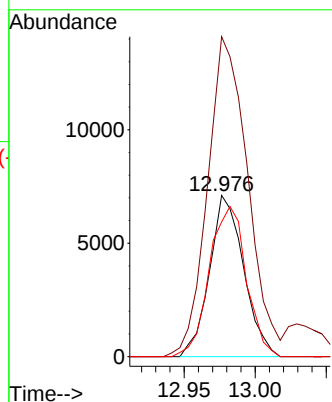
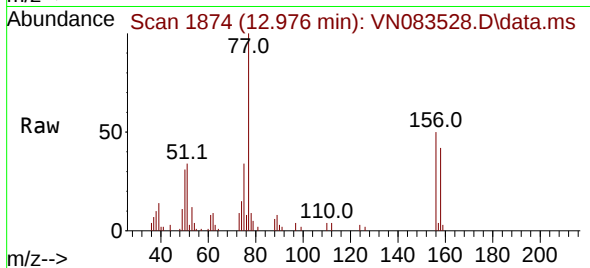
#73
Bromobenzene
Concen: 5.238 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:156 Resp: 11884
Ion Ratio Lower Upper
156 100
77 232.9 0.0 437.6
158 100.7 0.0 203.8

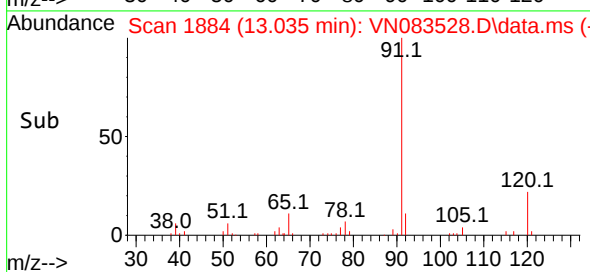
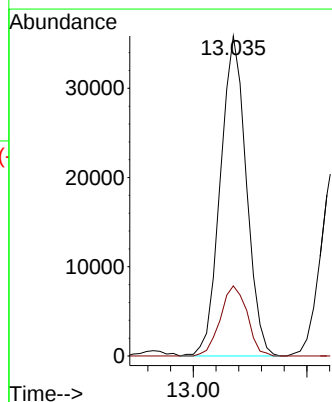
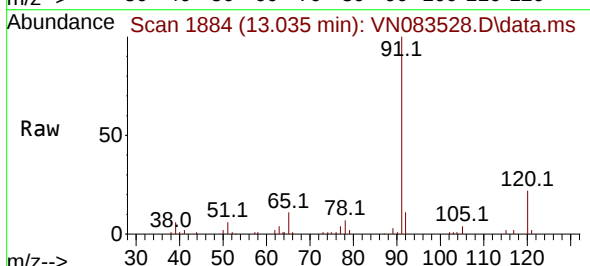
Manual Integrations
APPROVED

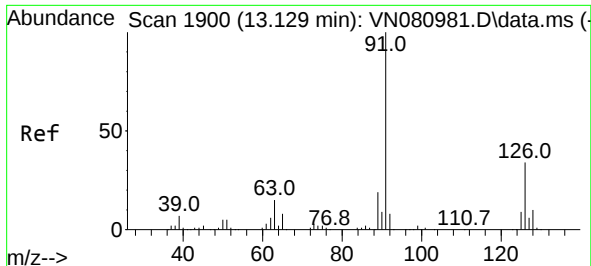
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#74
n-propylbenzene
Concen: 4.899 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

Tgt Ion: 91 Resp: 56901
Ion Ratio Lower Upper
91 100
120 22.6 0.0 43.8





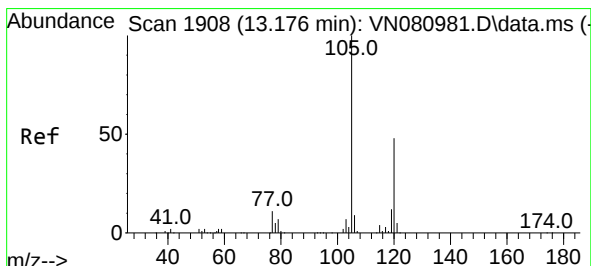
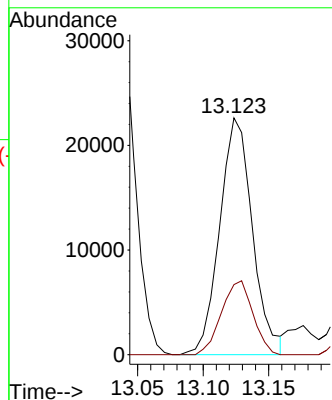
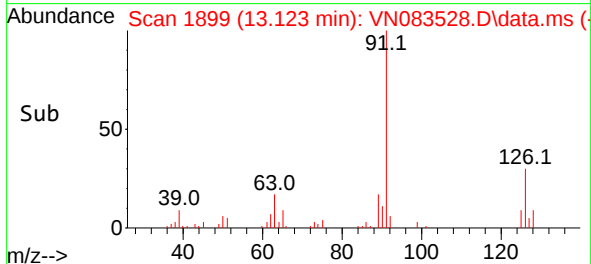
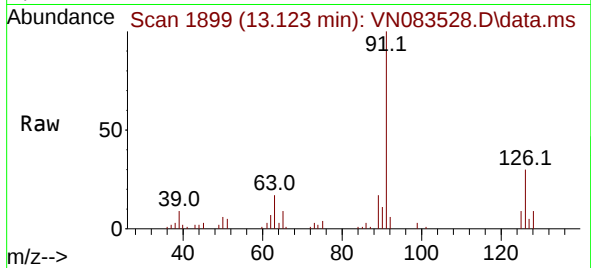
#75
2-Chlorotoluene
Concen: 5.293 ug/l
RT: 13.123 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 39340
Ion Ratio Lower Upper
91 100
126 29.9 0.0 61.2

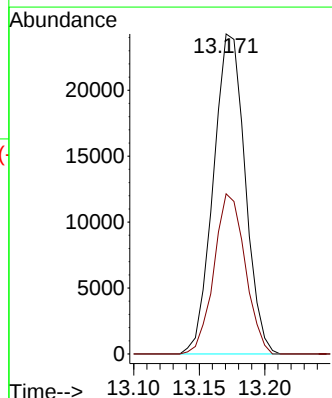
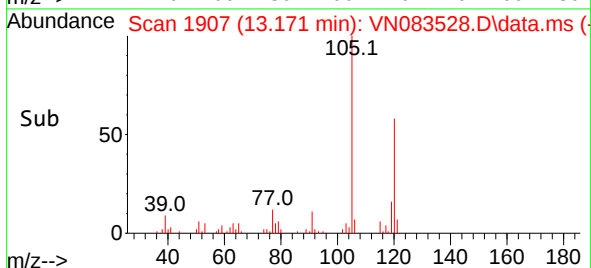
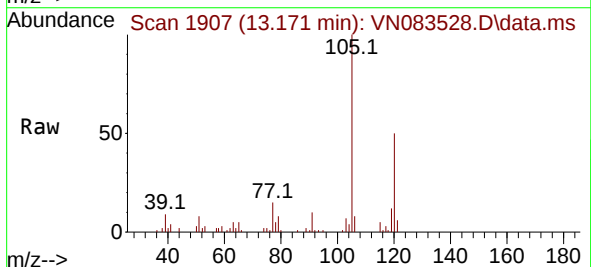
Manual Integrations
APPROVED

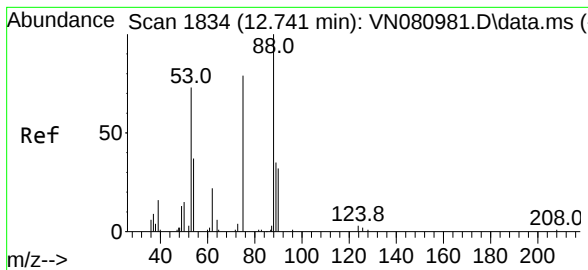
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#76
1,3,5-Trimethylbenzene
Concen: 4.883 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

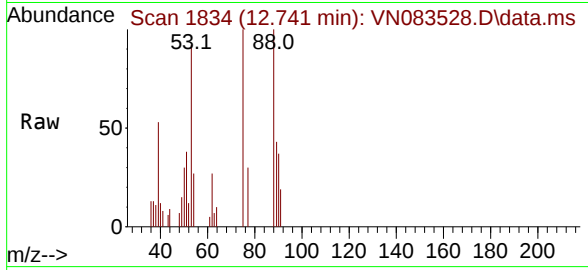
Tgt Ion:105 Resp: 40865
Ion Ratio Lower Upper
105 100
120 49.0 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 4.618 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

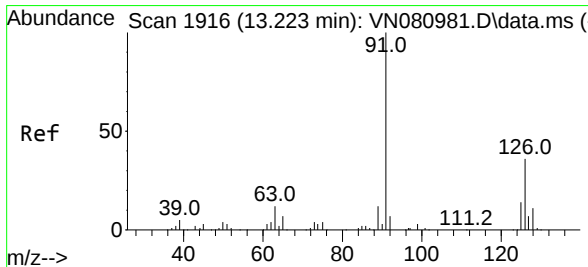
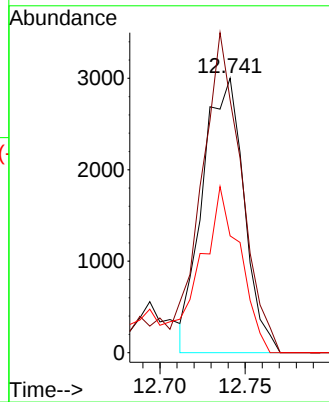
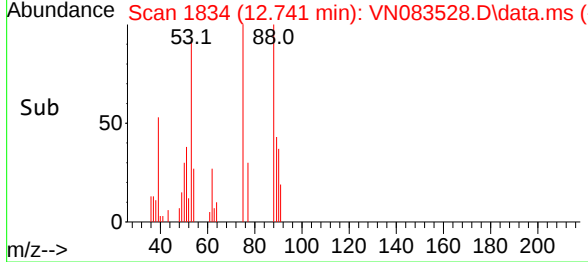
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:	75	Resp:	506
Ion Ratio	Lower	Upper	
75	100		
53	92.0	45.9	137.7
89	42.5	25.9	77.7

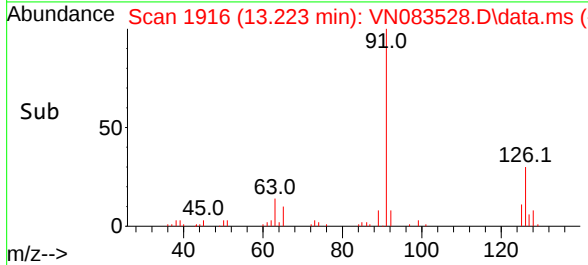
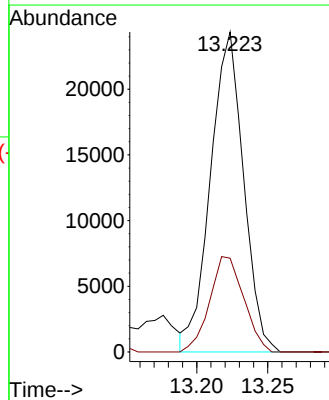
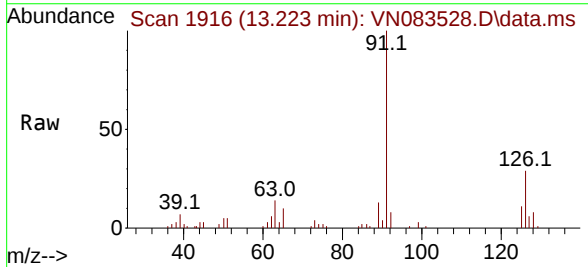
Manual Integrations
APPROVED

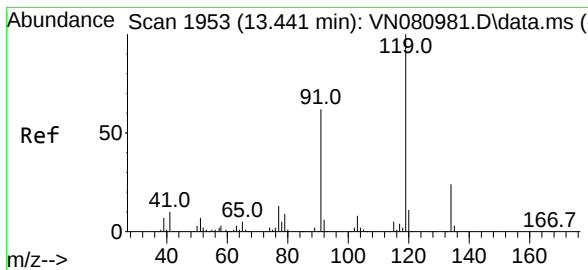
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#78
4-Chlorotoluene
Concen: 5.324 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

Tgt Ion:	91	Resp:	39283
Ion Ratio	Lower	Upper	
91	100		
126	30.9	0.0	62.8





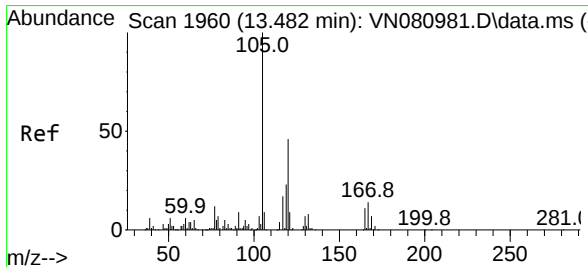
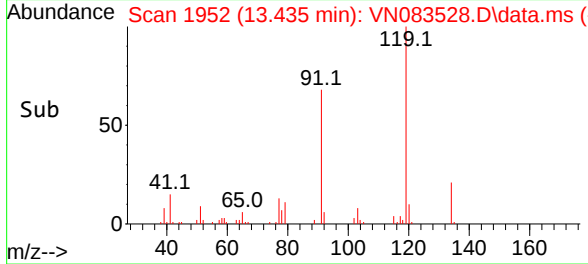
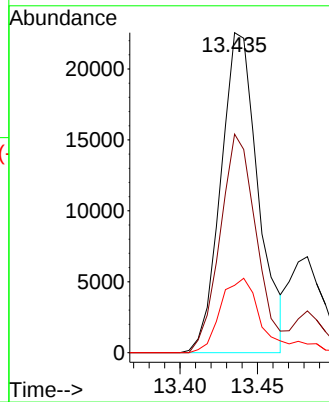
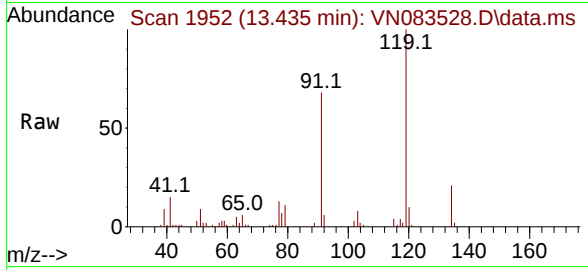
#79
tert-butylbenzene
Concen: 5.055 ug/l
RT: 13.435 min Scan# 1953
Delta R.T. -0.006 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 37889
Ion Ratio Lower Upper
119 100
91 65.9 0.0 138.8
134 24.3 0.0 48.6

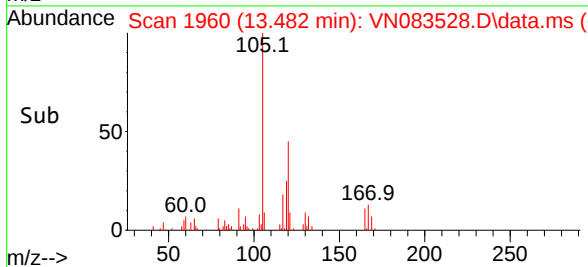
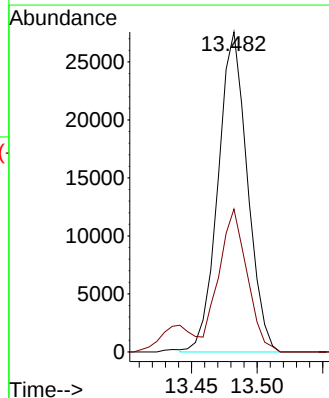
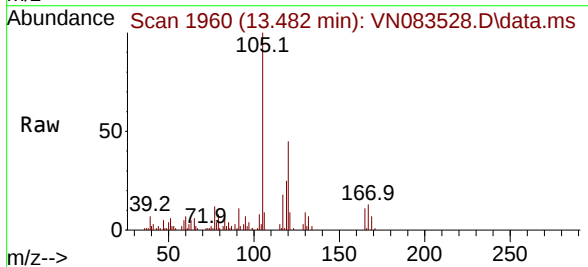
Manual Integrations
APPROVED

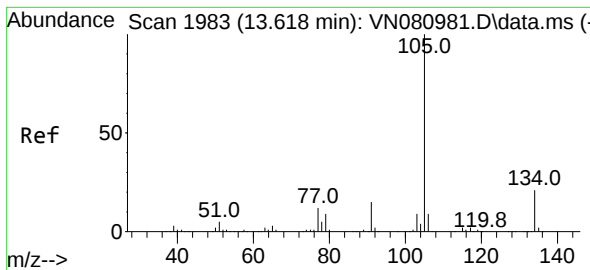
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#80
1,2,4-Trimethylbenzene
Concen: 5.022 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

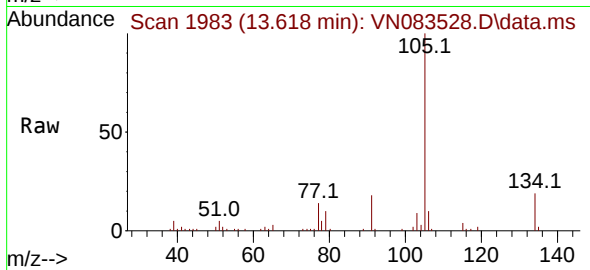
Tgt Ion:105 Resp: 42839
Ion Ratio Lower Upper
105 100
120 42.7 0.0 86.8





#81
 sec-Butylbenzene
 Concen: 4.791 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083528.D
 Acq: 28 Aug 2024 10:07

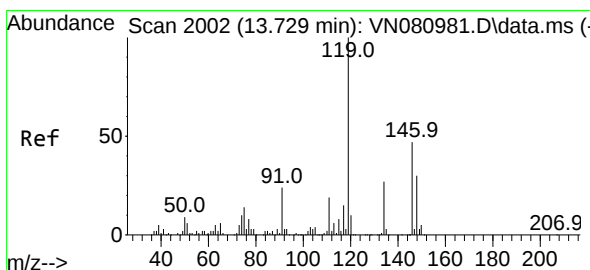
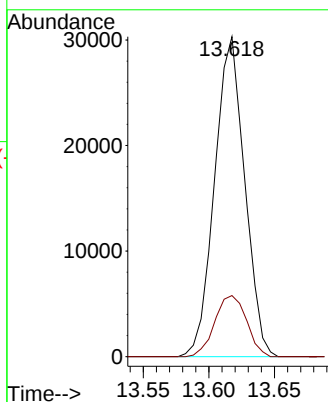
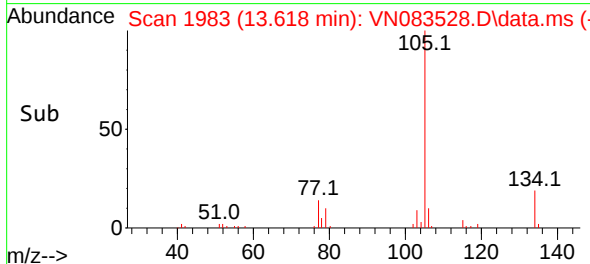
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



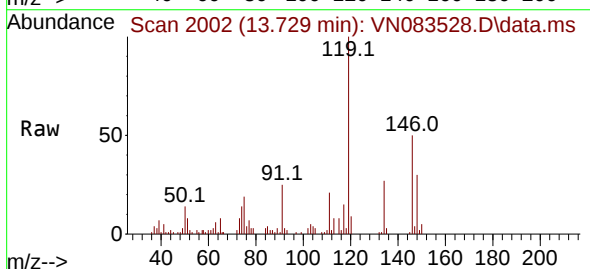
Tgt Ion:105 Resp: 4833
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 39.0

Manual Integrations
 APPROVED

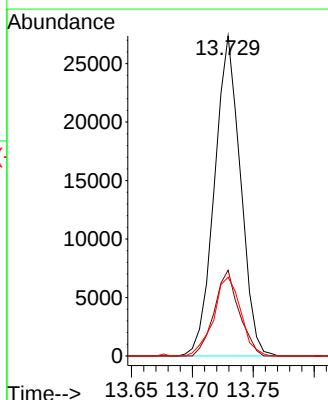
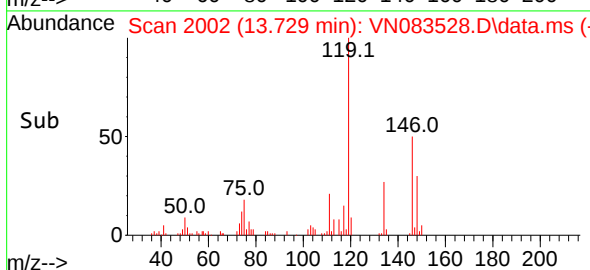
Reviewed By :John Carlone 08/28/2024
 Supervised By :Mahesh Dadoda 08/29/2024

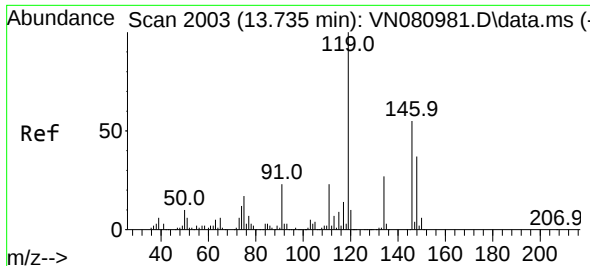


#82
 p-Isopropyltoluene
 Concen: 4.760 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083528.D
 Acq: 28 Aug 2024 10:07



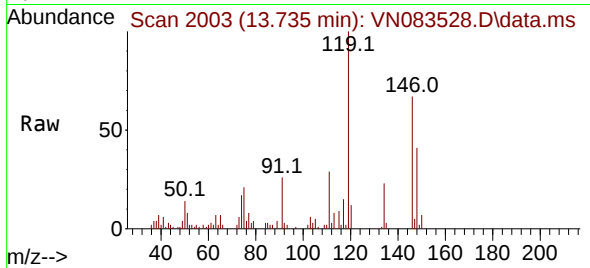
Tgt Ion:119 Resp: 40658
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 49.2
 91 25.8 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 5.343 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

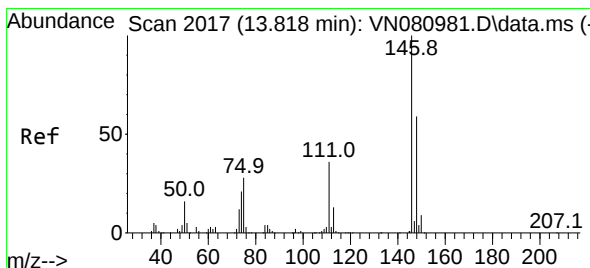
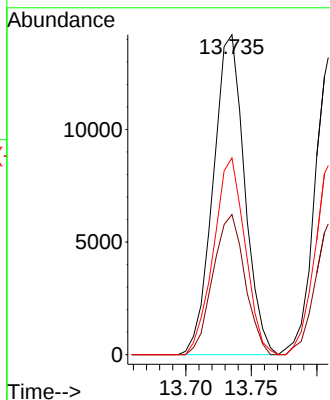
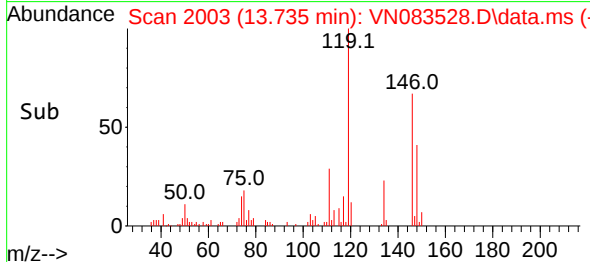
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



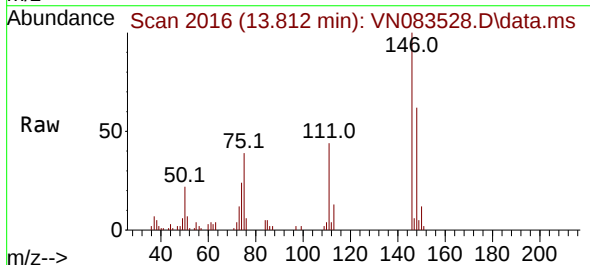
Tgt Ion:146 Resp: 23679
Ion Ratio Lower Upper
146 100
111 44.4 22.4 67.0
148 61.6 32.1 96.5

Manual Integrations
APPROVED

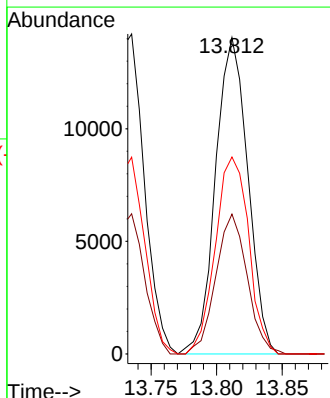
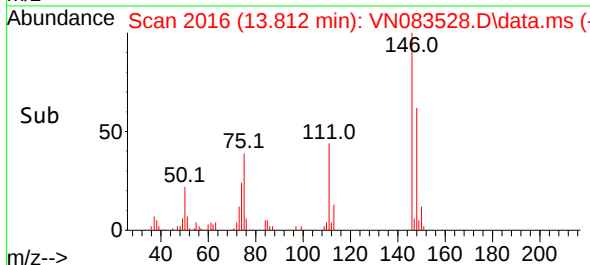
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024

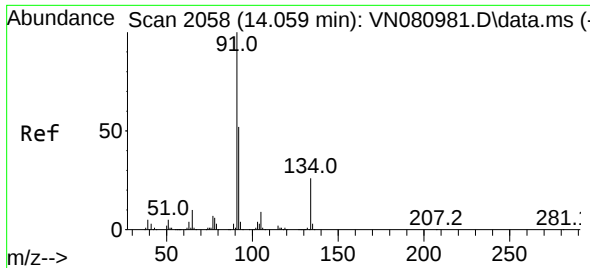


#84
1,4-Dichlorobenzene
Concen: 5.405 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07



Tgt Ion:146 Resp: 24059
Ion Ratio Lower Upper
146 100
111 43.1 21.3 63.9
148 64.4 31.9 95.5





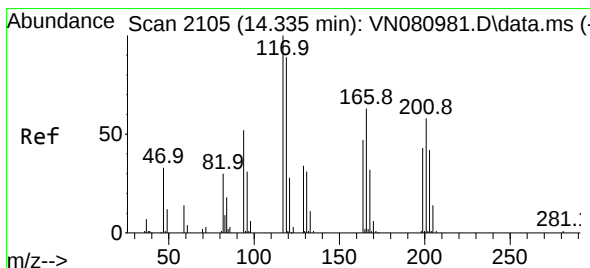
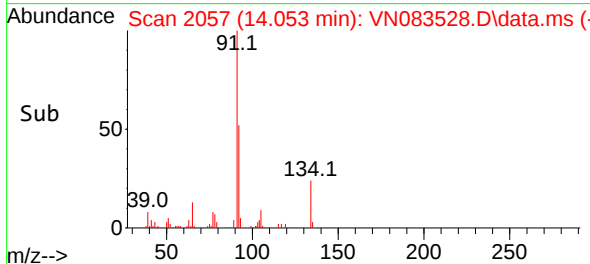
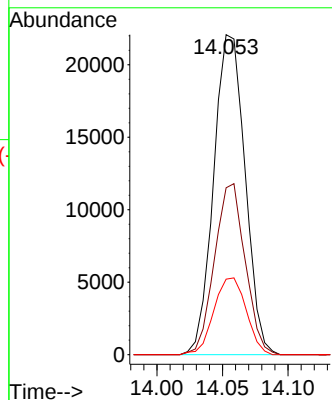
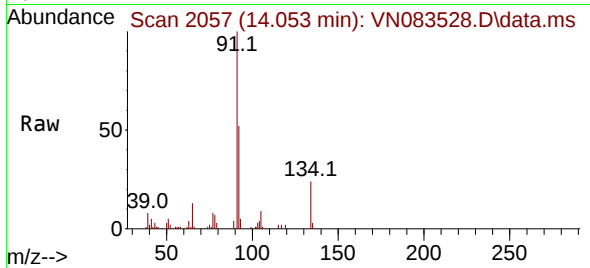
#85
n-Butylbenzene
Concen: 4.864 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 3682
Ion Ratio Lower Upper
91 100
92 52.1 0.0 105.0
134 24.8 0.0 51.8

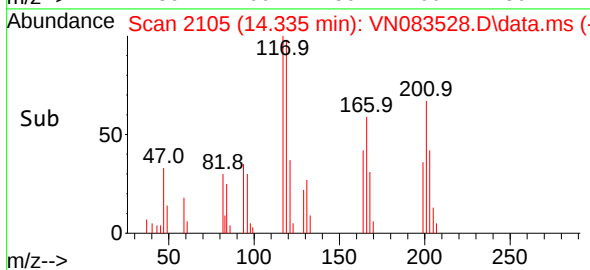
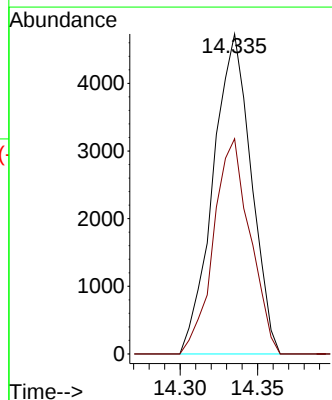
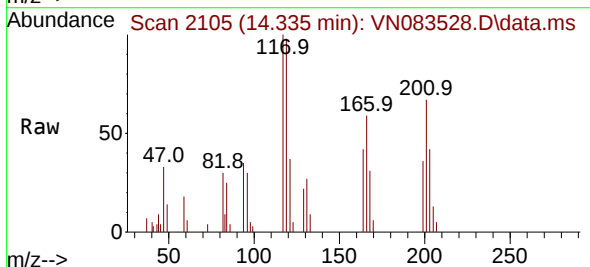
Manual Integrations
APPROVED

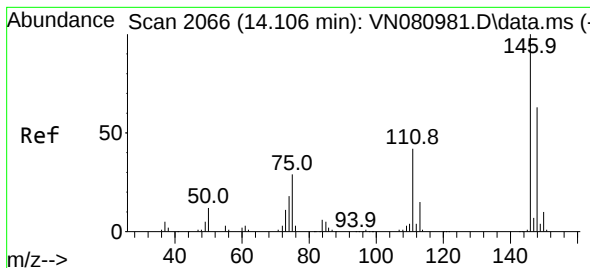
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#86
Hexachloroethane
Concen: 4.833 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

Tgt Ion:117 Resp: 8086
Ion Ratio Lower Upper
117 100
201 64.4 38.0 114.0





#87

1,2-Dichlorobenzene

Concen: 5.087 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN083528.D

Acq: 28 Aug 2024 10:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

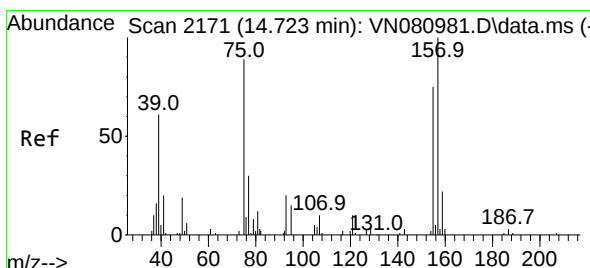
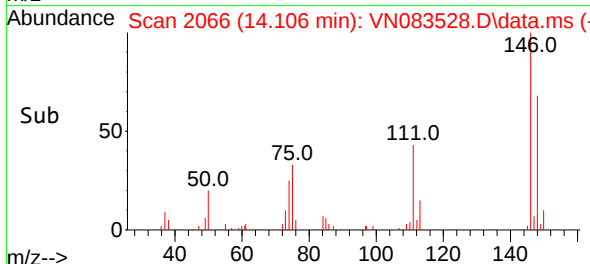
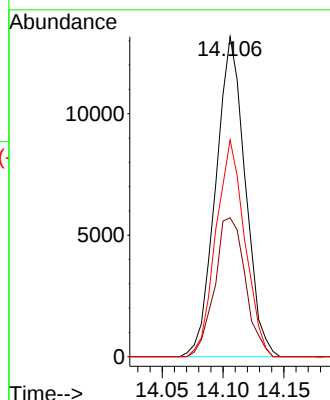
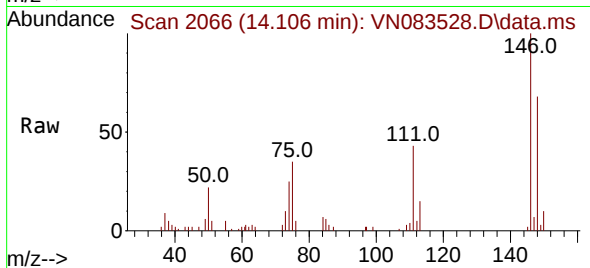
Tgt Ion:	146	Resp:	2219
Ion Ratio	Lower	Upper	
146	100		
111	45.1	22.6	67.8
148	66.3	31.3	93.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2024

Supervised By :Mahesh Dadoda 08/29/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 4.727 ug/l

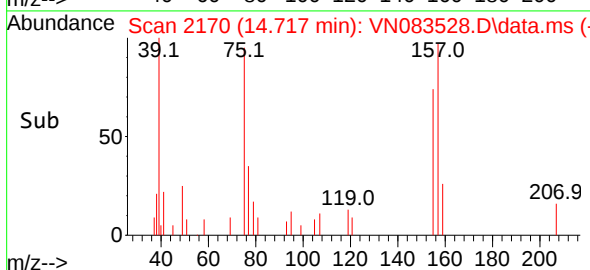
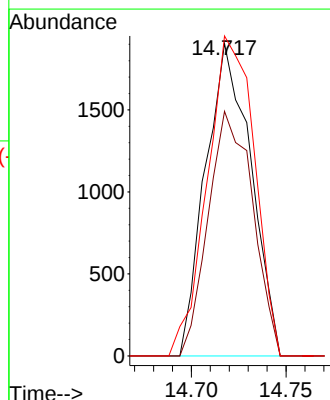
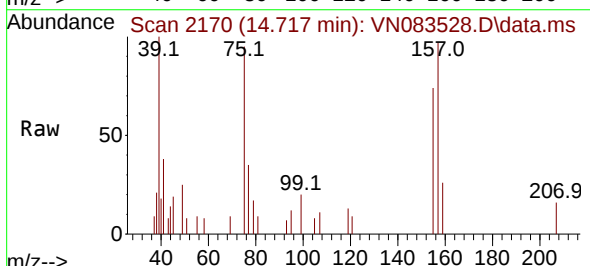
RT: 14.717 min Scan# 2170

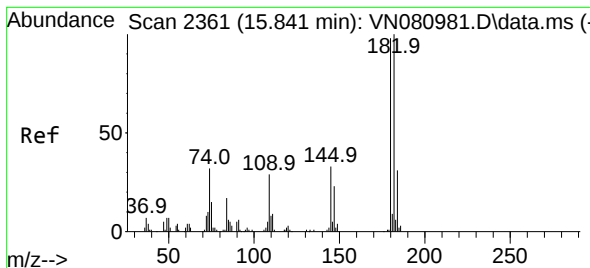
Delta R.T. -0.006 min

Lab File: VN083528.D

Acq: 28 Aug 2024 10:07

Tgt Ion:	75	Resp:	3165
Ion Ratio	Lower	Upper	
75	100		
155	76.8	61.7	92.5
157	106.4	83.6	125.4





#89

1,2,4-Trichlorobenzene

Concen: 5.128 ug/l

RT: 15.841 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN083528.D

Acq: 28 Aug 2024 10:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

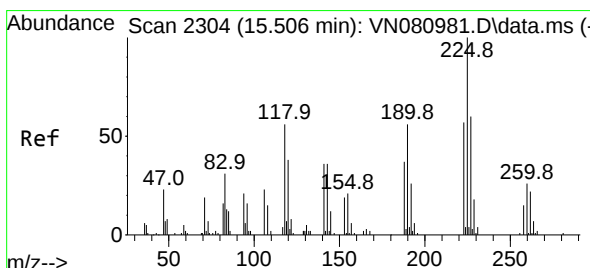
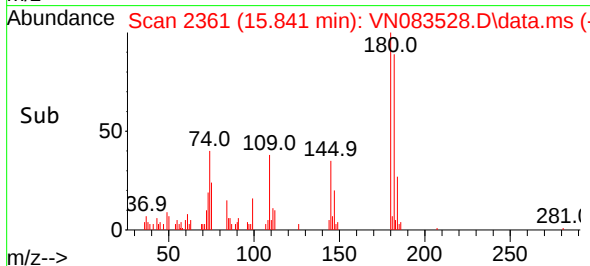
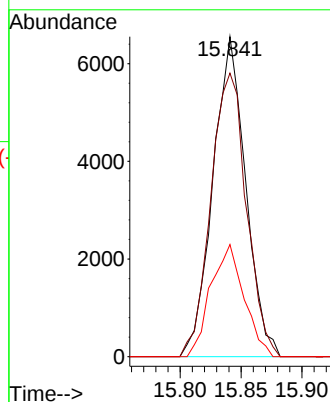
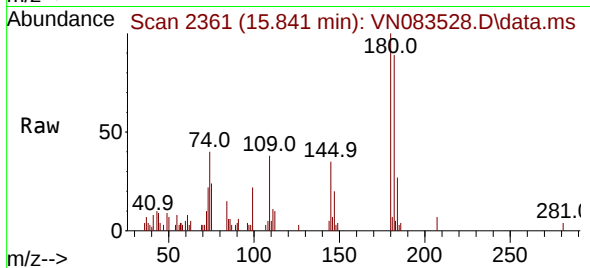
Tgt Ion:180	Resp:	12264
Ion Ratio	Lower	Upper
180	100	
182	96.3	76.4 114.6
145	35.6	28.4 42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2024

Supervised By :Mahesh Dadoda 08/29/2024



#90

Hexachlorobutadiene

Concen: 5.091 ug/l

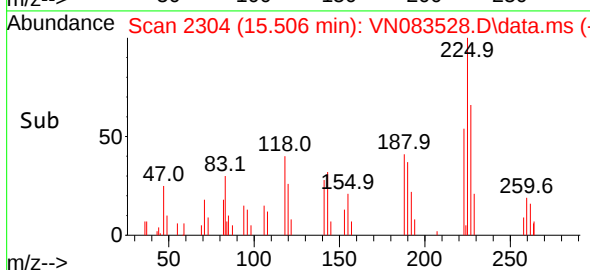
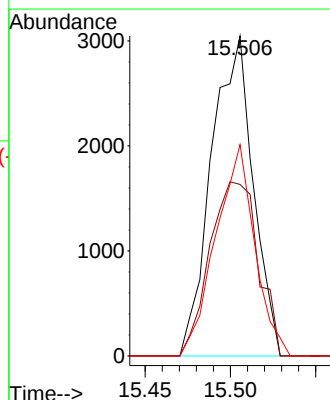
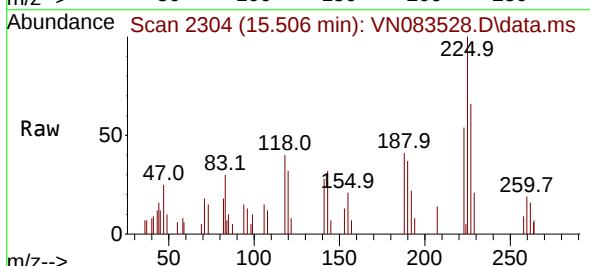
RT: 15.506 min Scan# 2304

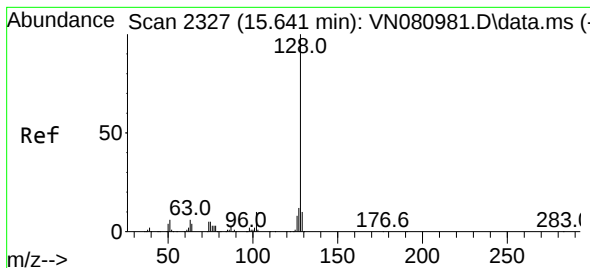
Delta R.T. 0.000 min

Lab File: VN083528.D

Acq: 28 Aug 2024 10:07

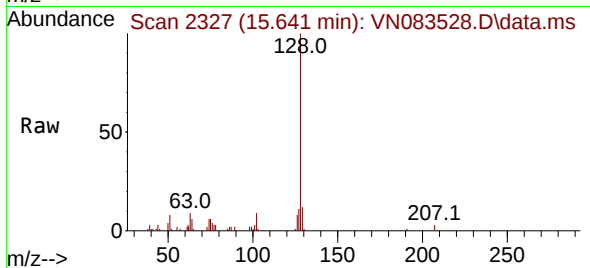
Tgt Ion:225	Resp:	5174
Ion Ratio	Lower	Upper
225	100	
223	63.2	0.0 126.6
227	61.8	0.0 126.6





#91
Naphthalene
Concen: 5.000 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

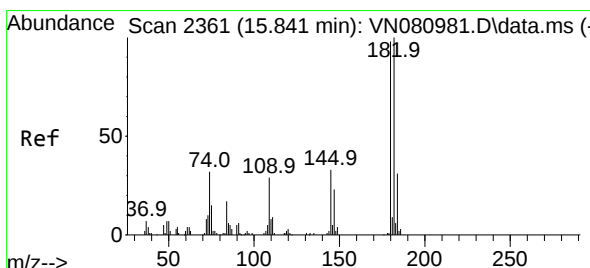
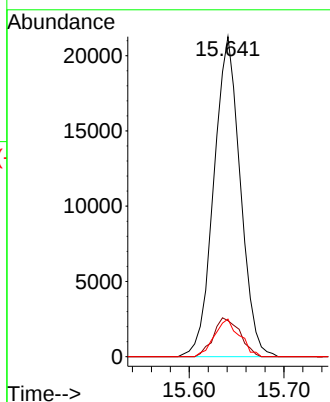
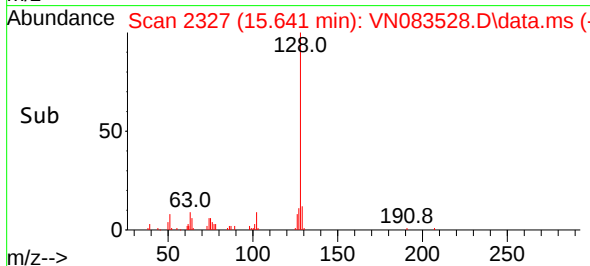
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:128 Resp: 4133
Ion Ratio Lower Upper
128 100
127 12.2 10.6 16.0
129 11.2 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#92
1,2,3-Trichlorobenzene
Concen: 5.128 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN083528.D
Acq: 28 Aug 2024 10:07

Tgt Ion:180 Resp: 12264
Ion Ratio Lower Upper
180 100
182 96.3 0.0 191.0
145 35.6 0.0 71.0

