

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042325\
 Data File : VN086383.D
 Acq On : 23 Apr 2025 15:36
 Operator : JC\MD
 Sample : VN0423WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0423WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/24/2025
 Supervised By : Mahesh Dadoda 04/25/2025

Quant Time: Apr 24 05:00:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 24 04:42:24 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	27716	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	168952	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	155573	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	83502	31.249	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	104.167%		
60) 4-Bromofluorobenzene	12.847	95	89869	29.391	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	97.967%		
63) Toluene-d8	10.565	98	256591	29.980	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.933%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	39742	20.770	ug/l	99
3) Chloromethane	2.359	50	55153	20.291	ug/l	99
4) Vinyl Chloride	2.512	62	52681	20.236	ug/l	98
5) Bromomethane	2.965	94	28265	20.796	ug/l	96
6) Chloroethane	3.124	64	35558	20.488	ug/l	98
7) Trichlorofluoromethane	3.500	101	61198	19.916	ug/l	98
8) Diethyl Ether	3.959	74	27532	21.226	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	37918	20.072	ug/l	98
10) 1,1-Dichloroethene	4.342	96	38966	20.152	ug/l	98
11) Methyl Iodide	4.589	142	45620	20.165	ug/l	98
12) Methyl Acetate	5.018	43	62472	22.795	ug/l #	89
13) Acrolein	4.177	56	11671	82.605	ug/l	94
14) Acrylonitrile	5.712	53	111767	109.576	ug/l	99
15) Acetone	4.424	58	28238	100.468	ug/l	92
16) Carbon Disulfide	4.712	76	102111	20.041	ug/l	99
17) Allyl chloride	5.018	41	63122	20.417	ug/l	98
18) Methylene Chloride	5.277	84	46311	21.032	ug/l	95
19) trans-1,2-Dichloroethene	5.789	96	42146	20.450	ug/l	93
20) Diisopropyl ether	6.671	45	149387	20.322	ug/l	97
21) 1,1-Dichloroethane	6.565	63	80712	20.058	ug/l	99
22) cis-1,2-Dichloroethene	7.488	96	52585	20.406	ug/l	97
23) tert-Butyl Alcohol	5.512	59	45713	115.691	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	150641	21.087	ug/l	100
25) Chloroform	7.965	83	84639	20.783	ug/l	99
26) Cyclohexane	8.253	56	71069	20.003	ug/l #	98
29) 1,1-Dichloropropene	8.371	75	58285	19.569	ug/l	100
30) 2-Butanone	7.477	43	152291	105.343	ug/l	100
31) 2,2-Dichloropropane	7.488	77	73884	19.297	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	69838	19.622	ug/l	100
33) Carbon Tetrachloride	8.353	117	56182	19.175	ug/l	94
34) Benzene	8.600	78	189121	19.963	ug/l	95
35) Methacrylonitrile	7.777	41	34299	20.799	ug/l	99
36) 1,2-Dichloroethane	8.665	62	62109	20.193	ug/l	100
37) Trichloroethene	9.347	130	45733	19.284	ug/l	96
38) Methylcyclohexane	9.600	83	67318	19.569	ug/l	99
39) 1,2-Dichloropropane	9.618	63	46619	19.920	ug/l	94
40) Dibromomethane	9.706	93	32067	20.489	ug/l	98
41) Bromodichloromethane	9.888	83	66446	20.062	ug/l	98
42) Vinyl Acetate	6.600	43	530966	106.025	ug/l	100

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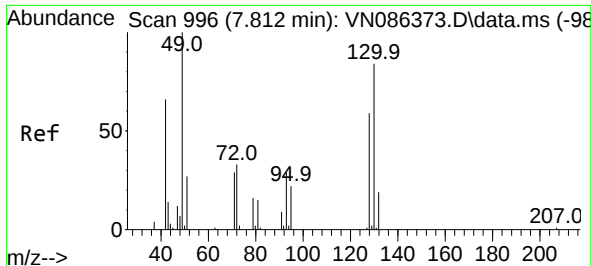
Manual Integrations
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 Supervised By : Mahesh Dadoda 04/25/2025

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	58398m	20.412	ug/l	
44) Isopropyl Acetate	8.682	43	116469	21.450	ug/l	98
45) 1,4-Dioxane	9.694	88	19439	458.846	ug/l	96
46) Methyl methacrylate	9.677	41	50681	20.235	ug/l	97
47) n-amyl Acetate	12.488	43	91264	19.720	ug/l	100
48) t-1,3-Dichloropropene	10.835	75	73073	19.734	ug/l	99
49) cis-1,3-Dichloropropene	10.306	75	78554	20.117	ug/l	99
50) 1,1,2-Trichloroethane	11.012	97	44377	20.299	ug/l	98
51) Ethyl methacrylate	10.871	69	77237	20.286	ug/l	99
52) 1,3-Dichloropropane	11.159	76	78950	20.434	ug/l	99
53) Dibromochloromethane	11.353	129	48714	19.845	ug/l	99
54) 1,2-Dibromoethane	11.465	107	45924	20.661	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	171519	95.818	ug/l	100
56) Bromoform	12.576	173	31914	20.034	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	321264	106.712	ug/l	99
59) 2-Hexanone	11.194	43	235961	106.358	ug/l	100
61) Tetrachloroethene	11.100	164	46411	19.559	ug/l	93
62) Toluene	10.624	91	207801	19.955	ug/l	98
64) Chlorobenzene	11.888	112	130041	20.041	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.953	131	43205	19.914	ug/l	99
66) Ethyl Benzene	11.959	91	228725	19.513	ug/l	98
67) m/p-Xylenes	12.065	106	172811	38.856	ug/l	97
68) o-Xylene	12.394	106	84784	19.470	ug/l	100
69) Styrene	12.406	104	144296	19.550	ug/l	99
70) Isopropylbenzene	12.694	105	216881	19.952	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	62855	21.960	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	60875m	24.395	ug/l	
73) Bromobenzene	12.976	156	50079	20.039	ug/l	99
74) n-propylbenzene	13.029	91	249334	19.303	ug/l	99
75) 2-Chlorotoluene	13.123	91	158594	19.668	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	173133	19.411	ug/l	100
77) t-1,4-Dichloro-2-butene	12.729	75	24797	19.581	ug/l	97
78) 4-Chlorotoluene	13.217	91	155927	19.340	ug/l	100
79) tert-butylbenzene	13.435	119	149427	19.562	ug/l	100
80) 1,2,4-Trimethylbenzene	13.476	105	174841	19.194	ug/l	97
81) sec-Butylbenzene	13.612	105	209589	19.222	ug/l	99
82) p-Isopropyltoluene	13.723	119	172579	18.915	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	90188	19.091	ug/l	97
84) 1,4-Dichlorobenzene	13.806	146	89803	19.240	ug/l	99
85) n-Butylbenzene	14.053	91	150899	18.535	ug/l	99
86) Hexachloroethane	14.329	117	27531	18.453	ug/l	99
87) 1,2-Dichlorobenzene	14.100	146	87275	19.416	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	11610	19.956	ug/l	98
89) 1,2,4-Trichlorobenzene	15.835	180	40145	19.595	ug/l	99
90) Hexachlorobutadiene	15.494	225	16304	19.757	ug/l	98
91) Naphthalene	15.635	128	148836	20.292	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	40145	19.595	ug/l	99

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



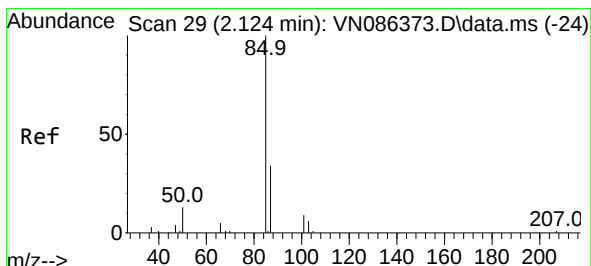
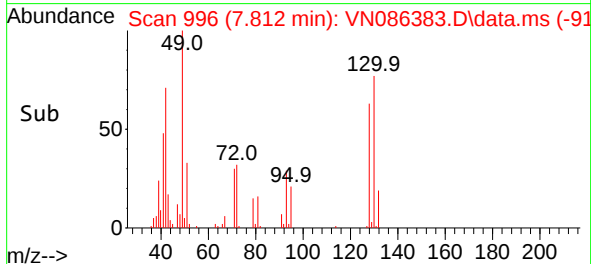
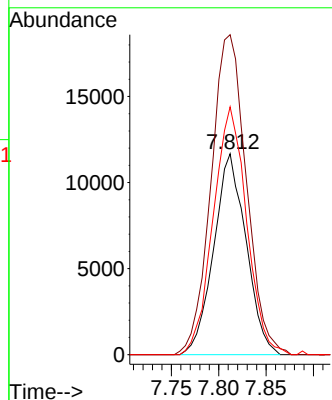
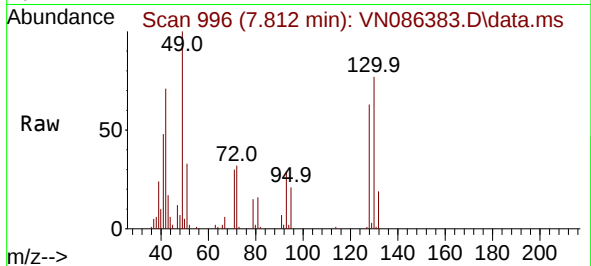
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

Instrument :
MSVOA_N
Client Sample Id :
VN0423WBSD01

Tgt Ion: 128 Resp: 27710
Ion Ratio Lower Upper
128 100
49 174.0 0.0 433.8
130 127.5 0.0 325.0

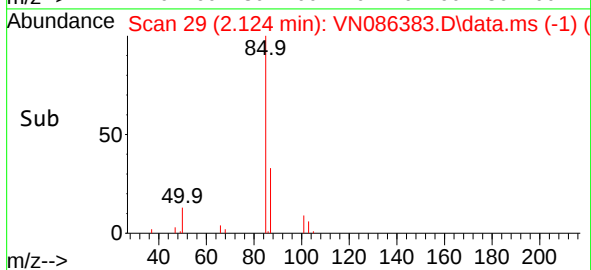
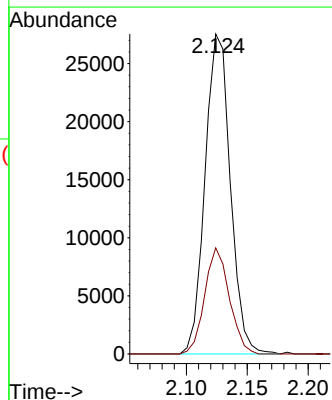
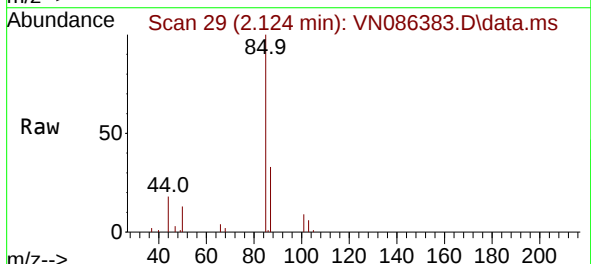
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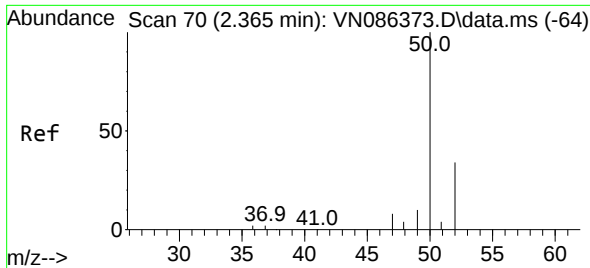
Reviewed By : John Carlone 04/24/2025
Supervised By : Mahesh Dadoda 04/25/2025



#2
Dichlorodifluoromethane
Concen: 20.770 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

Tgt Ion: 85 Resp: 39742
Ion Ratio Lower Upper
85 100
87 33.2 17.0 50.9





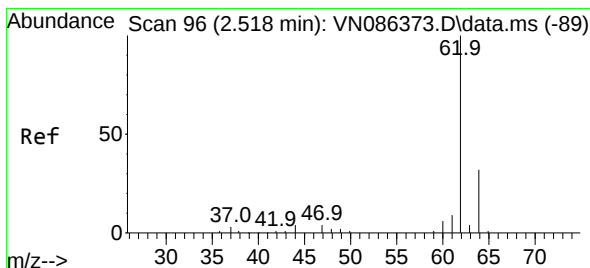
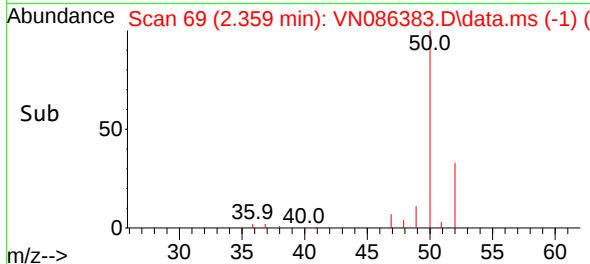
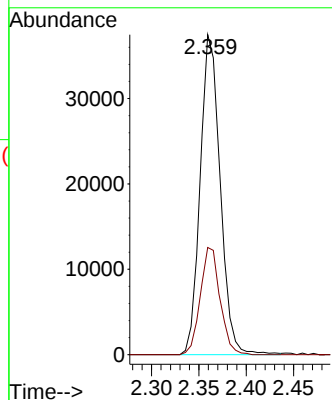
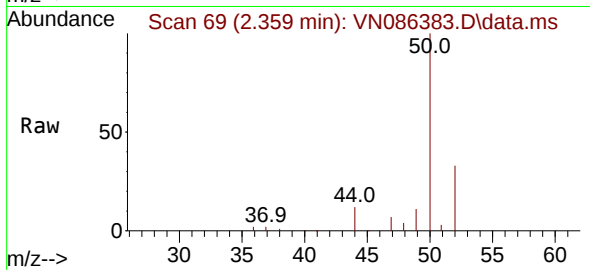
#3
Chloromethane
Concen: 20.291 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0423WBSD01

Tgt Ion: 50 Resp: 5515
Ion Ratio Lower Upper
50 100
52 33.5 27.3 40.9

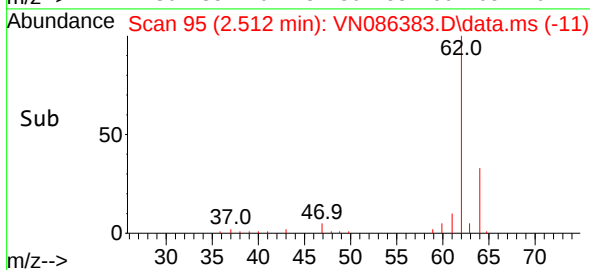
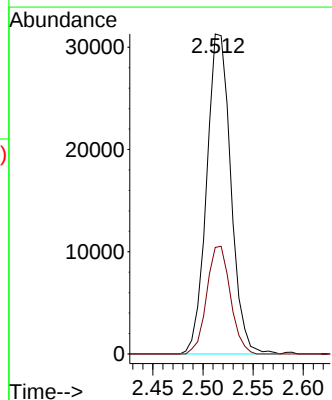
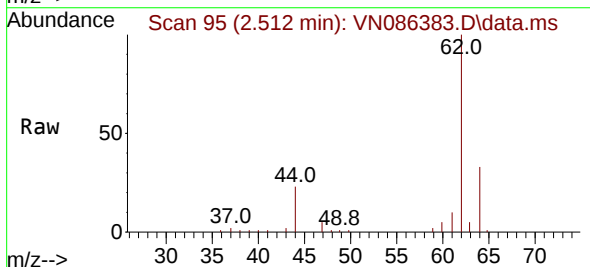
Manual Integrations
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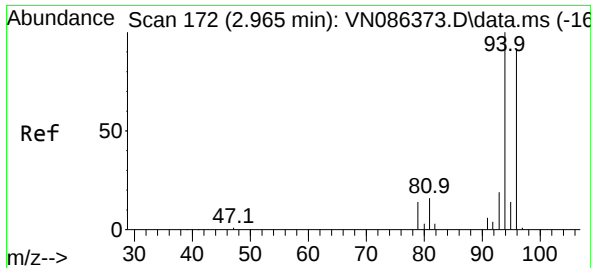
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#4
Vinyl Chloride
Concen: 20.236 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

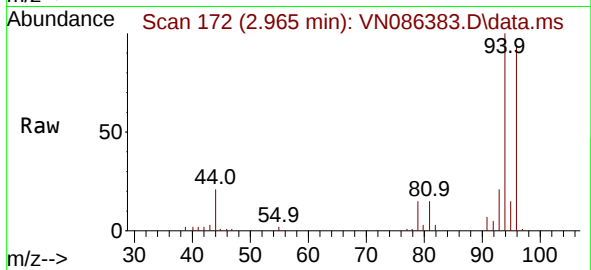
Tgt Ion: 62 Resp: 52681
Ion Ratio Lower Upper
62 100
64 33.3 25.8 38.8





#5
Bromomethane
Concen: 20.796 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

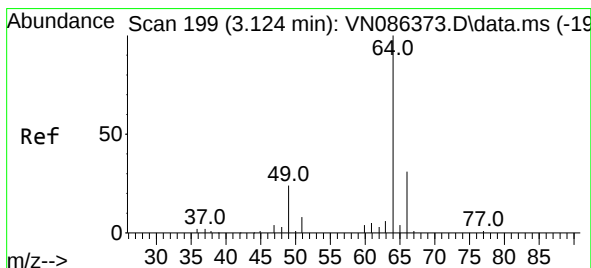
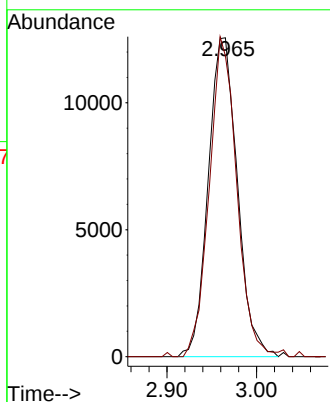
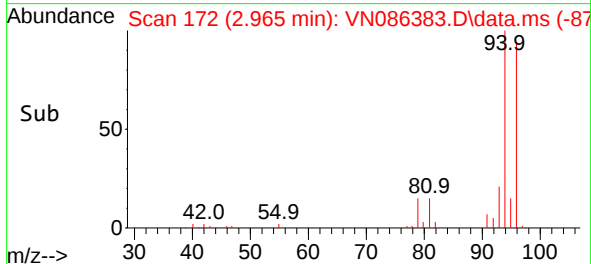
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBSD01



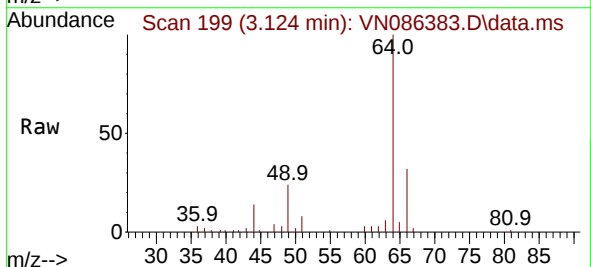
Tgt Ion: 94 Resp: 2826
Ion Ratio Lower Upper
94 100
96 94.3 72.4 108.6

Manual Integrations
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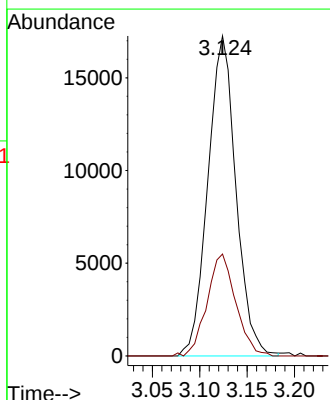
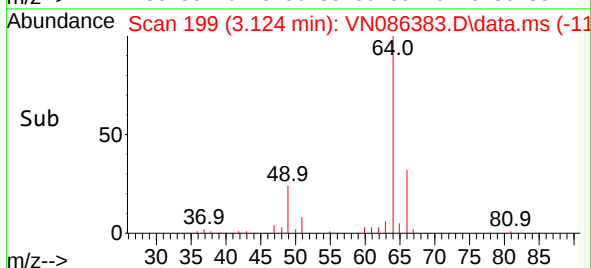
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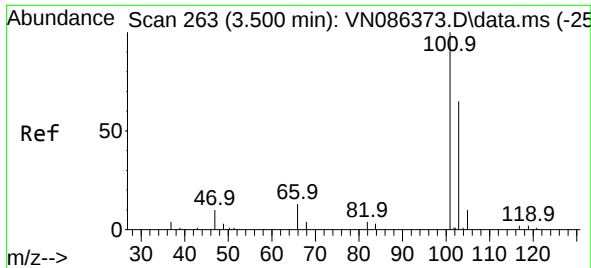


#6
Chloroethane
Concen: 20.488 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN086383.D
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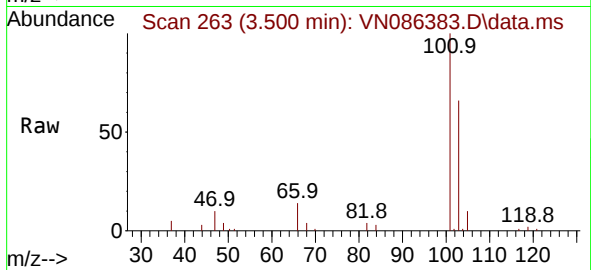
Tgt Ion: 64 Resp: 35558
Ion Ratio Lower Upper
64 100
66 31.8 24.5 36.7





#7
 Trichlorofluoromethane
 Concen: 19.916 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN086383.D
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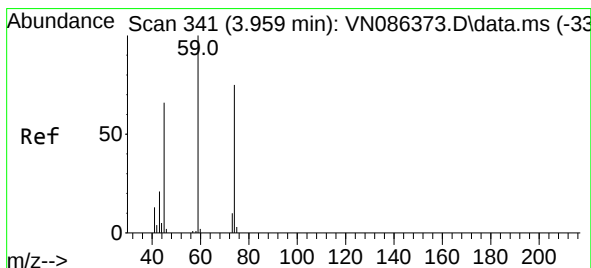
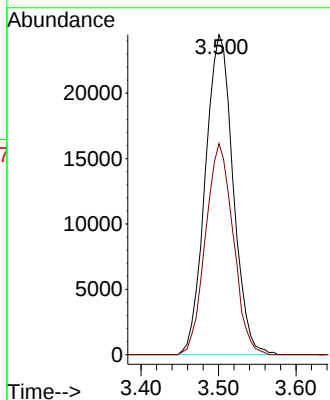
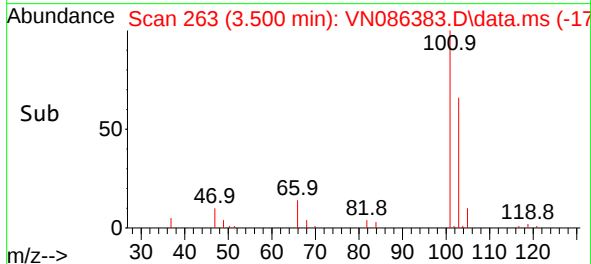
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Tgt Ion:101 Resp: 61198
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.8 77.6

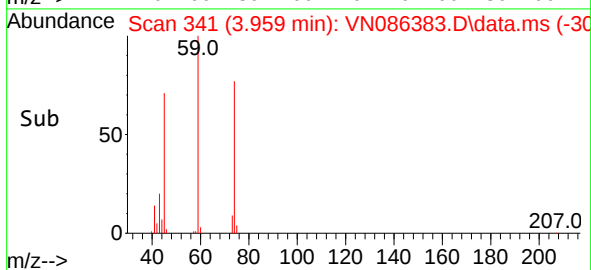
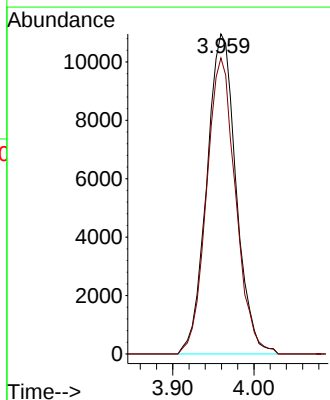
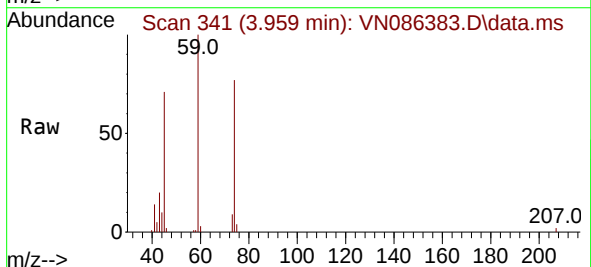
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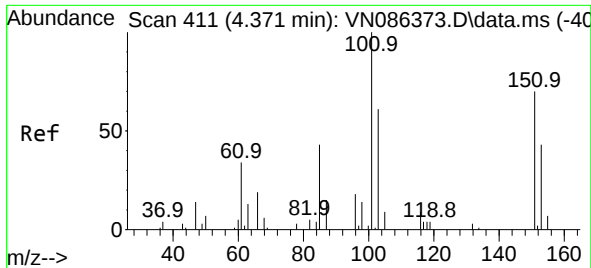
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#8
 Diethyl Ether
 Concen: 21.226 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086383.D
 Acq: 23 Apr 2025 15:36

Tgt Ion: 74 Resp: 27532
 Ion Ratio Lower Upper
 74 100
 45 91.5 18.5 166.3





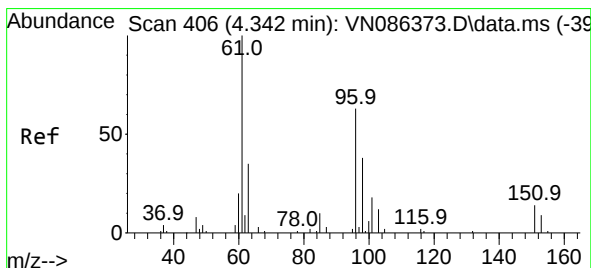
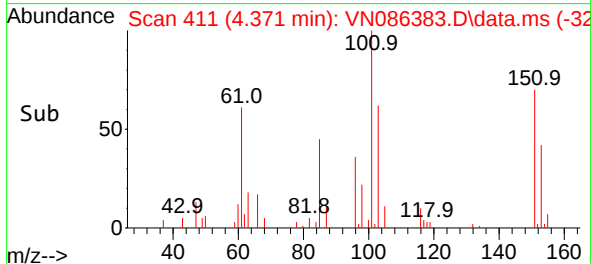
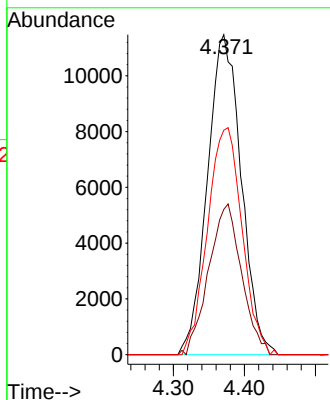
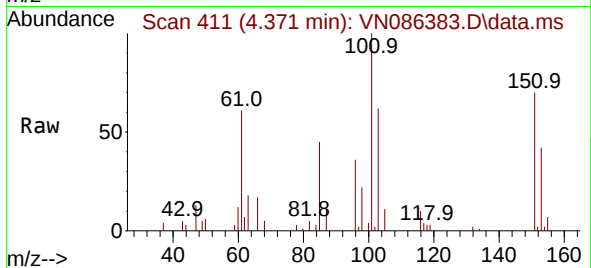
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1,1,2-Trichlorotrifluoroethane
Concen: 20.072 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086383.D
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Instrument :
MSVOA_N
ClientSampleId :
VN0423WBSD01

Tgt Ion:101 Resp: 37918
Ion Ratio Lower Upper
101 100
85 45.7 0.0 84.4
151 72.2 0.0 145.8

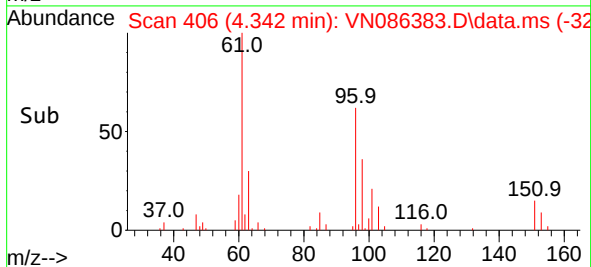
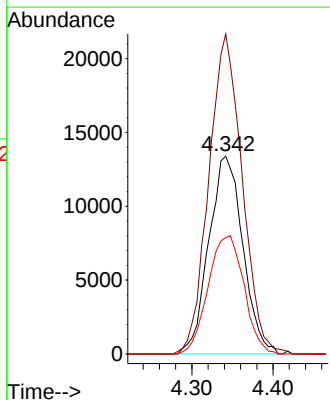
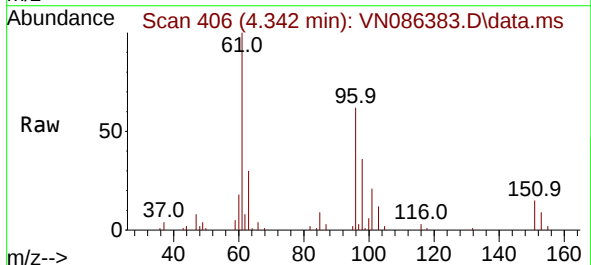
Manual Integrations
APPROVED

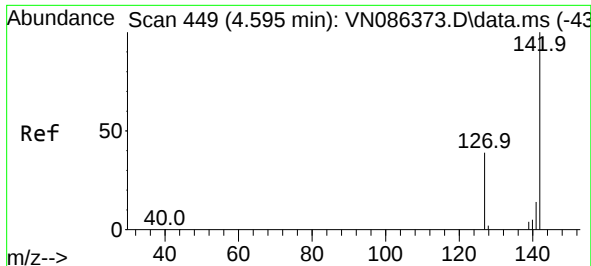
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#10
1,1-Dichloroethene
Concen: 20.152 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

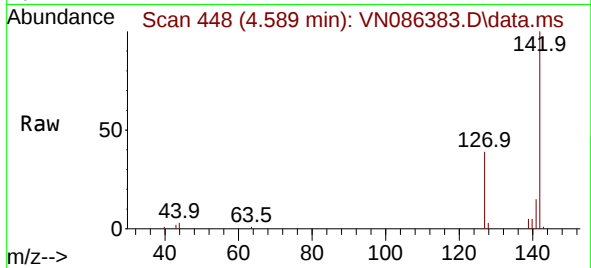
Tgt Ion: 96 Resp: 38966
Ion Ratio Lower Upper
96 100
61 160.5 126.2 189.4
98 58.9 48.5 72.7





#11
Methyl Iodide
Concen: 20.165 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

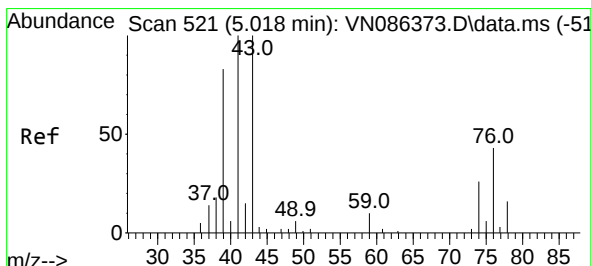
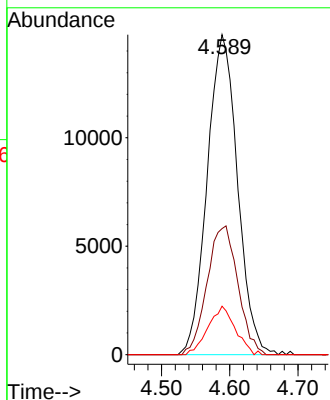
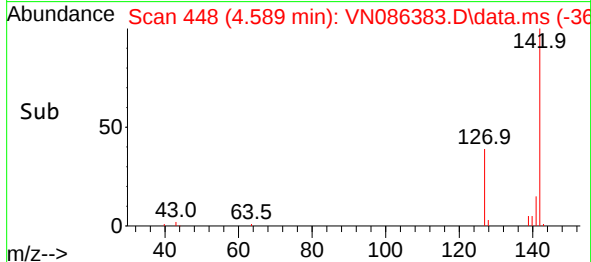
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBSD01



Tgt Ion:142 Resp: 45620
Ion Ratio Lower Upper
142 100
127 39.4 19.3 57.9
141 15.2 7.1 21.3

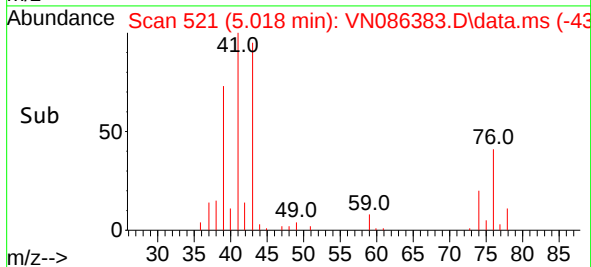
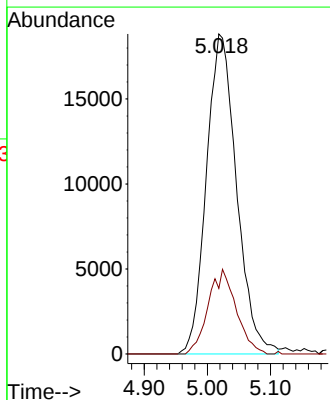
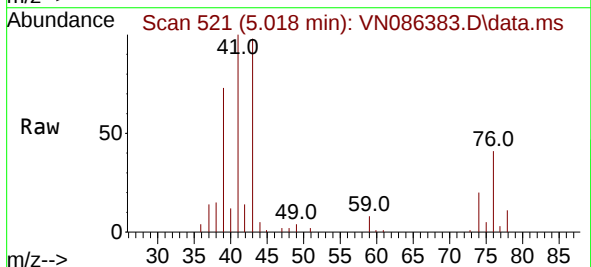
Manual Integrations
APPROVED

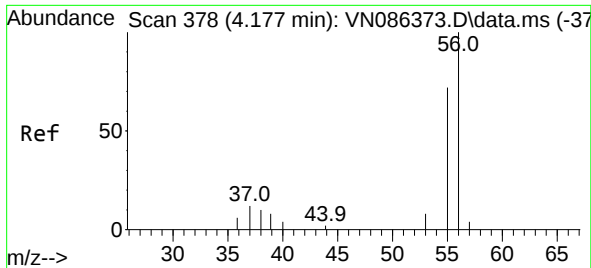
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#12
Methyl Acetate
Concen: 22.795 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

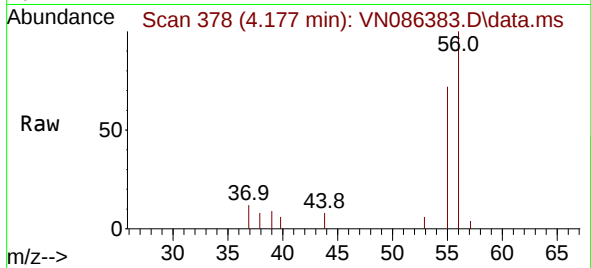
Tgt Ion: 43 Resp: 62472
Ion Ratio Lower Upper
43 100
74 20.2 20.8 31.2#





#13
Acrolein
Concen: 82.605 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

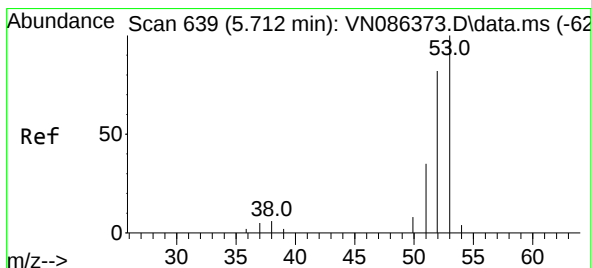
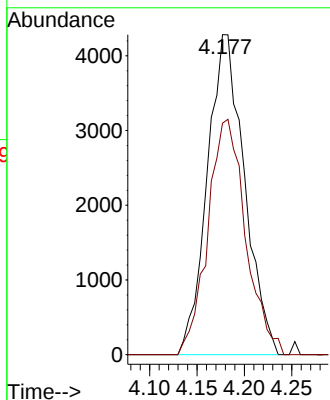
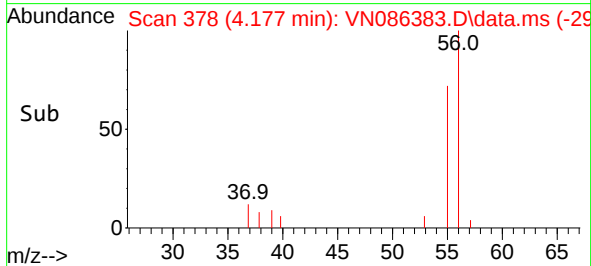
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBSD01



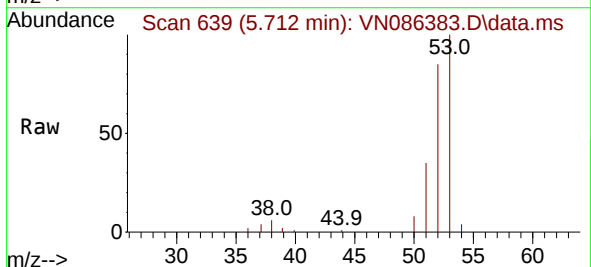
Tgt Ion: 56 Resp: 1167
Ion Ratio Lower Upper
56 100
55 74.9 56.1 84.1

Manual Integrations
APPROVED

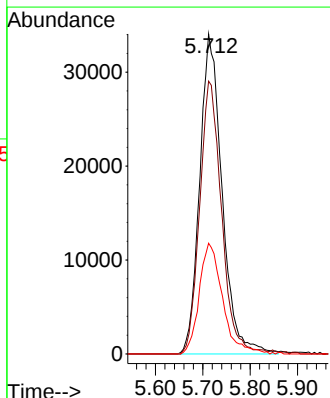
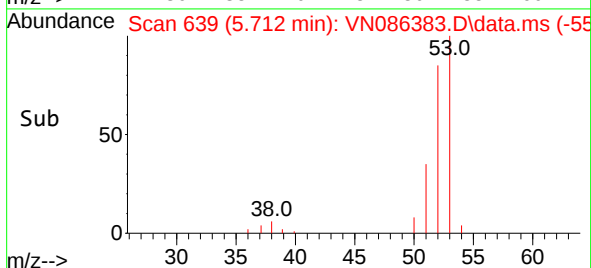
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

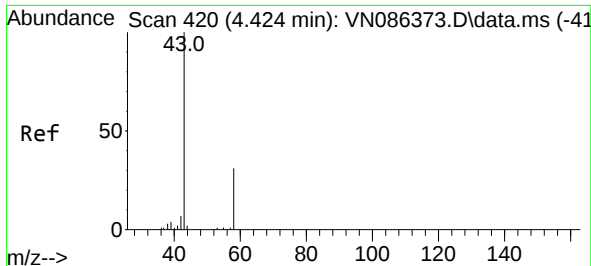


#14
Acrylonitrile
Concen: 109.576 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36



Tgt Ion: 53 Resp: 111767
Ion Ratio Lower Upper
53 100
52 82.6 41.2 123.6
51 36.0 17.6 52.8





#15

Acetone

Concen: 100.468 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN086383.D

Acq: 23 Apr 2025 15:36

Instrument :

MSVOA_N

ClientSampleId :

VN0423WBSD01

Tgt Ion: 58 Resp: 28238

Ion Ratio Lower Upper

58 100

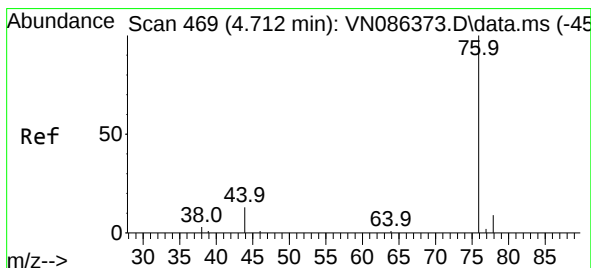
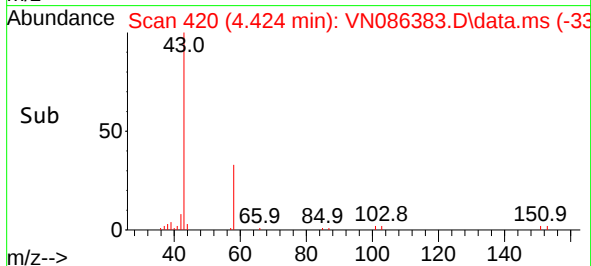
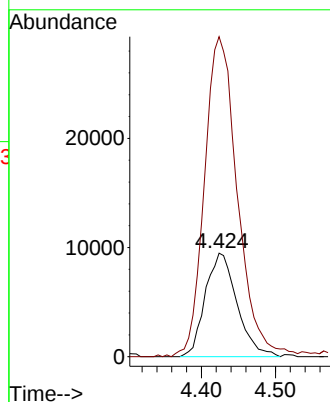
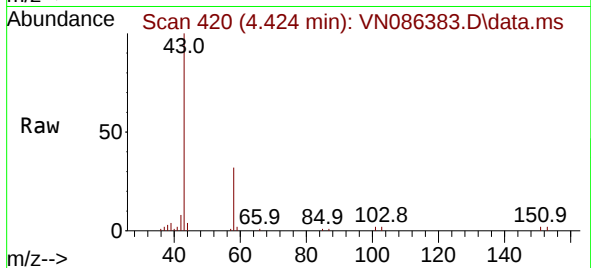
43 303.4 255.1 382.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#16

Carbon Disulfide

Concen: 20.041 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.000 min

Lab File: VN086383.D

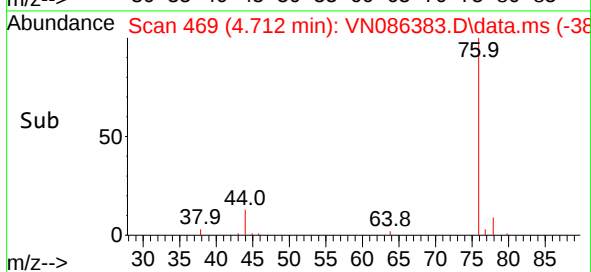
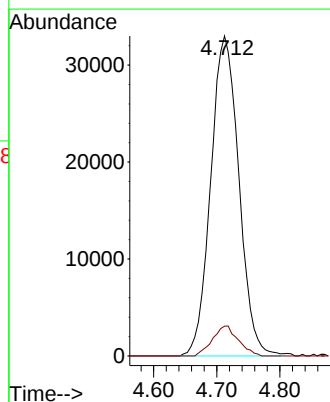
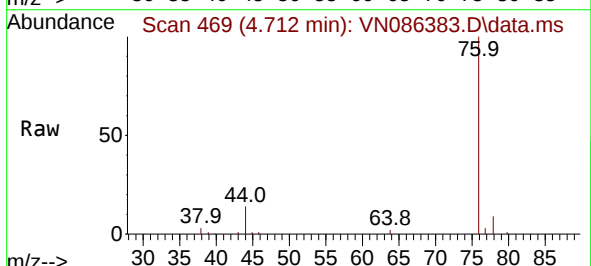
Acq: 23 Apr 2025 15:36

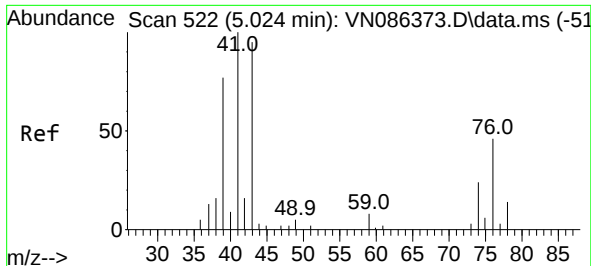
Tgt Ion: 76 Resp: 102111

Ion Ratio Lower Upper

76 100

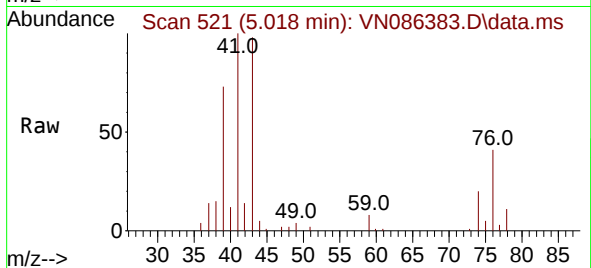
78 9.3 7.1 10.7





#17
 Allyl chloride
 Concen: 20.417 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN086383.D
 Acq: 23 Apr 2025 15:36

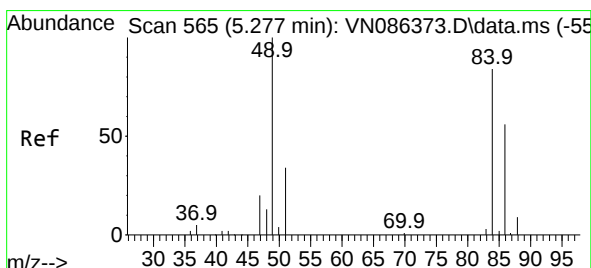
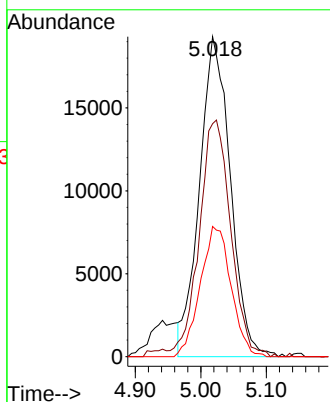
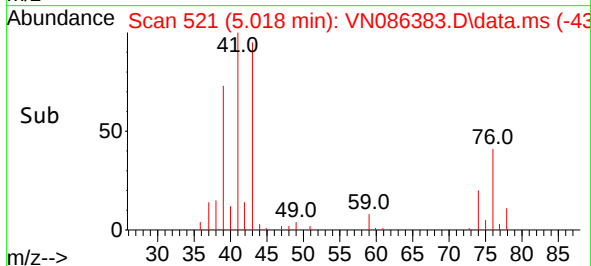
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0423WBSD01



Tgt Ion: 41 Resp: 6312
 Ion Ratio Lower Upper
 41 100
 39 72.8 36.7 110.1
 76 40.7 21.8 65.4

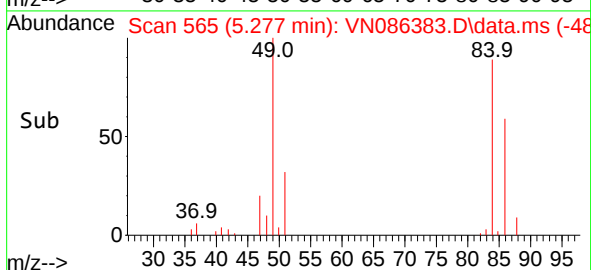
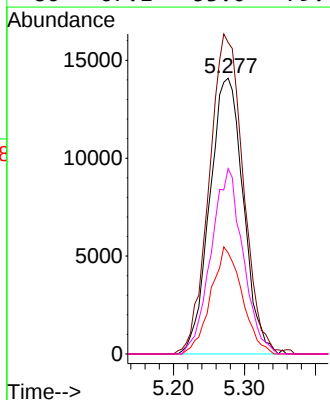
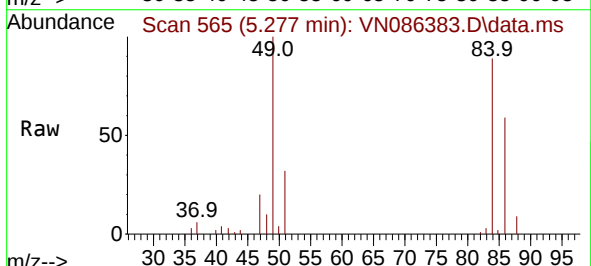
Manual Integrations
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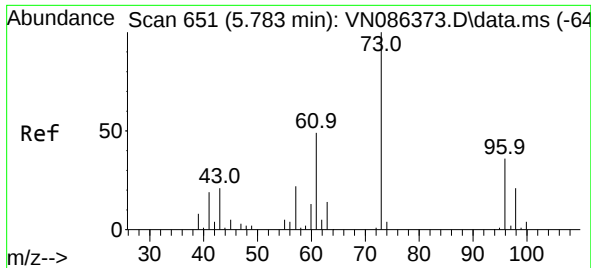
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#18
 Methylene Chloride
 Concen: 21.032 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.000 min
 Lab File: VN086383.D
 Acq: 23 Apr 2025 15:36

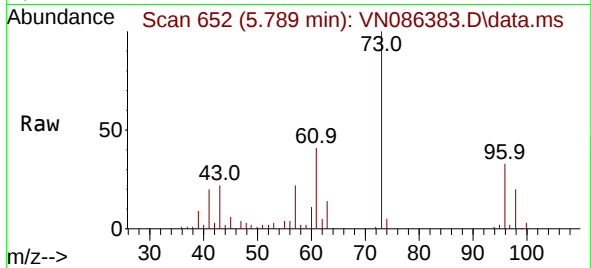
Tgt Ion: 84 Resp: 46311
 Ion Ratio Lower Upper
 84 100
 49 111.7 95.4 143.0
 51 36.7 32.8 49.2
 86 67.1 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 20.450 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

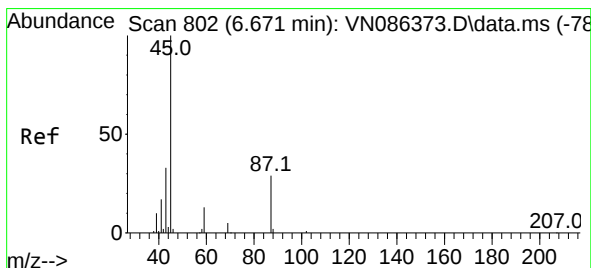
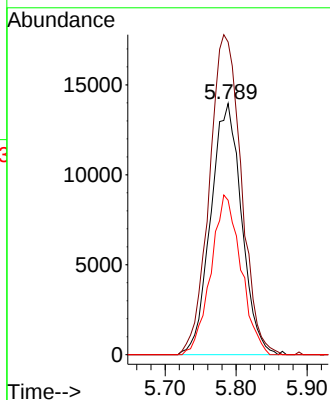
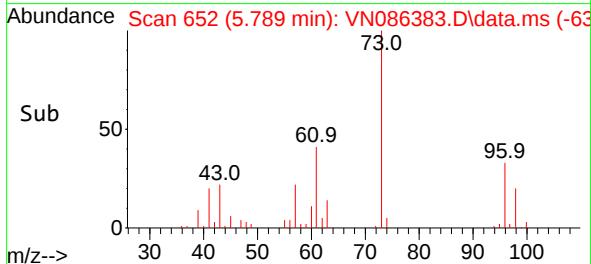
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBSD01



Tgt Ion: 96 Resp: 42140
Ion Ratio Lower Upper
96 100
61 124.5 107.3 160.9
98 61.5 46.7 70.1

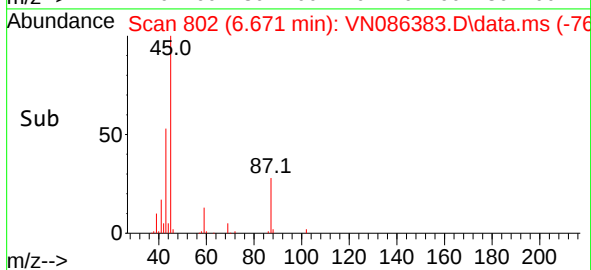
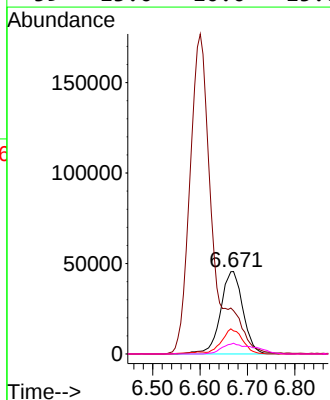
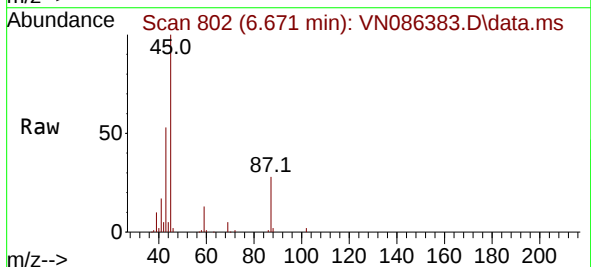
Manual Integrations
APPROVED

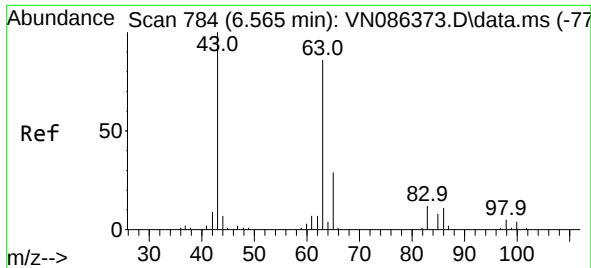
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#20
Diisopropyl ether
Concen: 20.322 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

Tgt Ion: 45 Resp: 149387
Ion Ratio Lower Upper
45 100
43 51.3 38.8 58.2
87 28.1 23.5 35.3
59 13.0 10.0 15.0





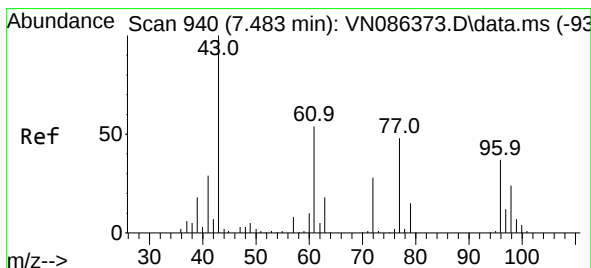
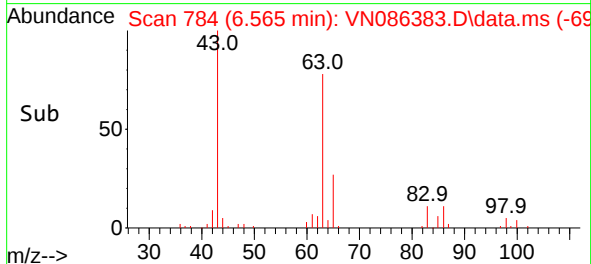
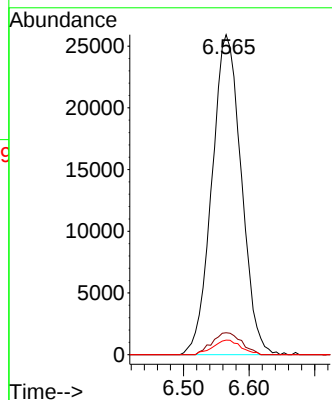
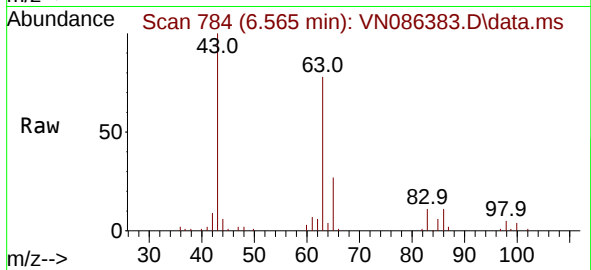
#21
1,1-Dichloroethane
Concen: 20.058 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0423WBSD01

Tgt Ion: 63 Resp: 80712
Ion Ratio Lower Upper
63 100
98 6.9 3.0 9.2
100 4.6 2.3 6.8

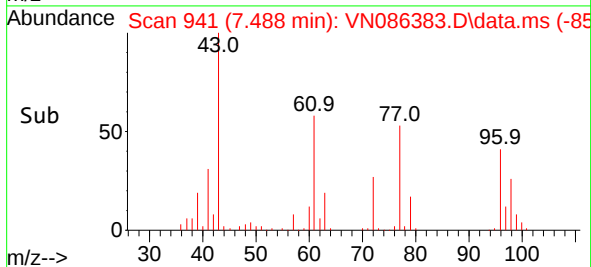
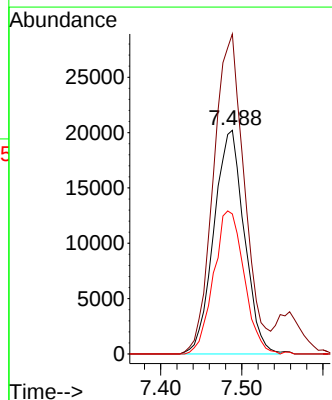
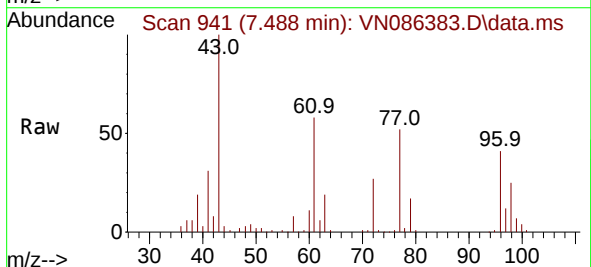
Manual Integrations
APPROVED

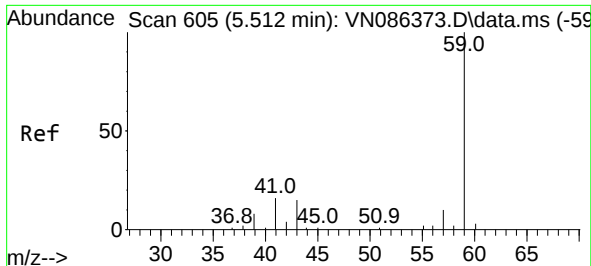
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#22
cis-1,2-Dichloroethene
Concen: 20.406 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

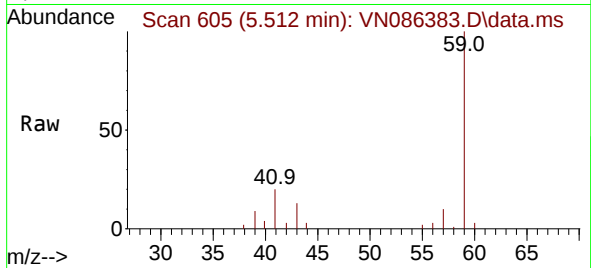
Tgt Ion: 96 Resp: 52585
Ion Ratio Lower Upper
96 100
61 145.6 120.6 181.0
98 64.1 51.8 77.6





#23
tert-Butyl Alcohol
Concen: 115.691 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

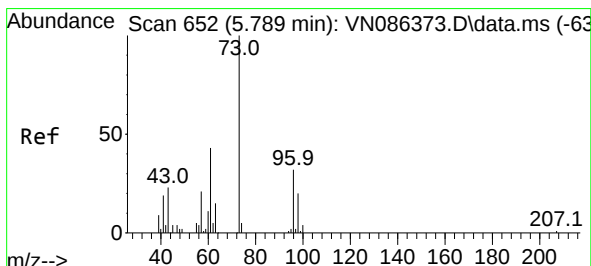
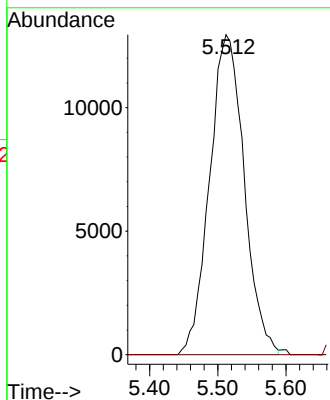
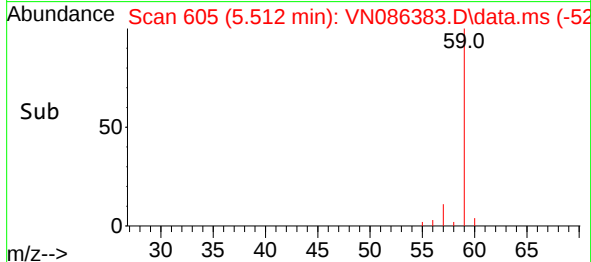
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBSD01



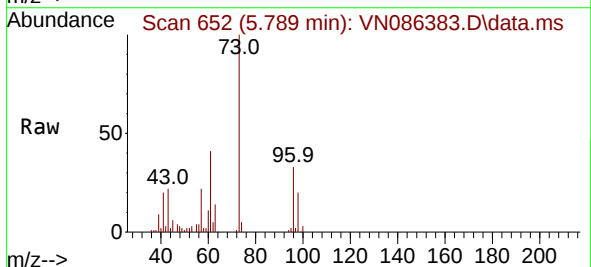
Tgt Ion: 59 Resp: 45711
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

Manual Integrations
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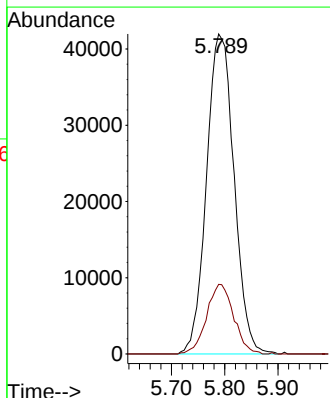
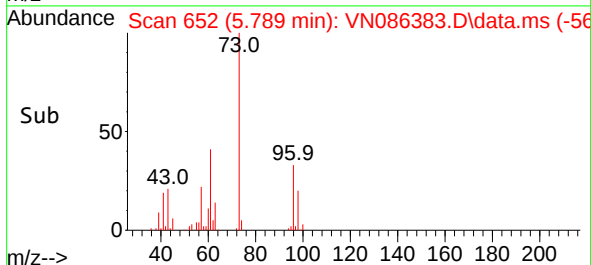
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

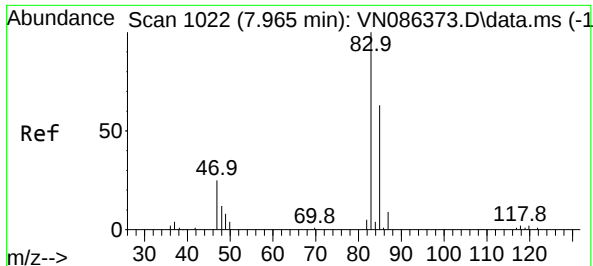


#24
Methyl tert-Butyl Ether
Concen: 21.087 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36



Tgt Ion: 73 Resp: 150641
Ion Ratio Lower Upper
73 100
43 21.4 17.1 25.7





#25

Chloroform

Concen: 20.783 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN086383.D

Acq: 23 Apr 2025 15:36

Instrument :

MSVOA_N

ClientSampleId :

VN0423WBSD01

Tgt Ion: 83 Resp: 84639

Ion Ratio Lower Upper

83 100

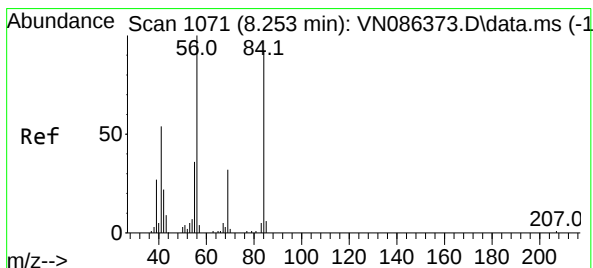
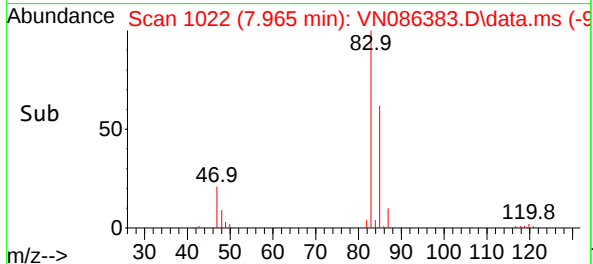
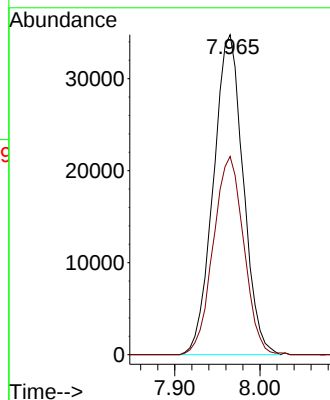
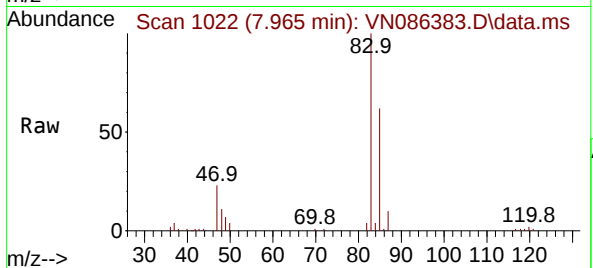
85 61.9 50.2 75.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#26

Cyclohexane

Concen: 20.003 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN086383.D

Acq: 23 Apr 2025 15:36

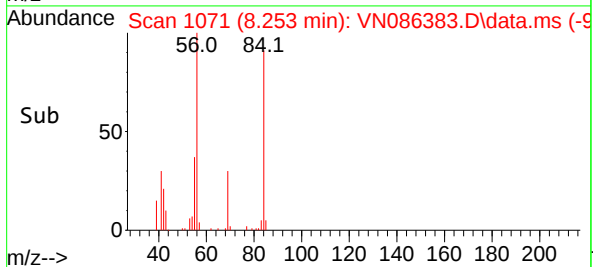
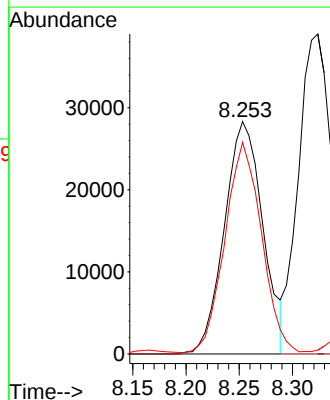
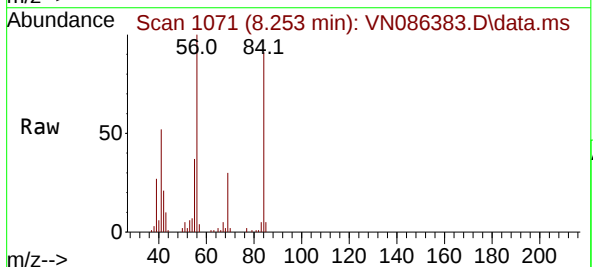
Tgt Ion: 56 Resp: 71069

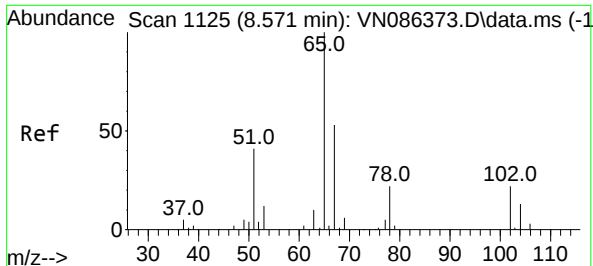
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 87.5 71.5 107.3





#27
1,2-Dichloroethane-d4
Concen: 31.249 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

Instrument :

MSVOA_N

ClientSampleId :

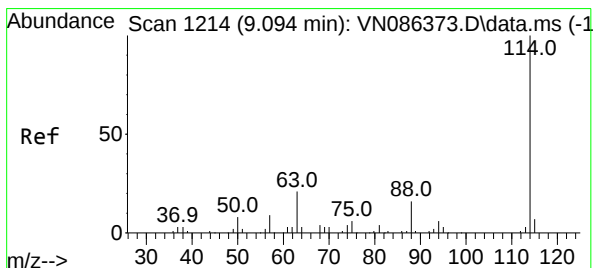
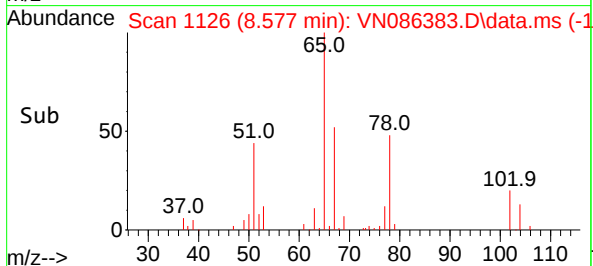
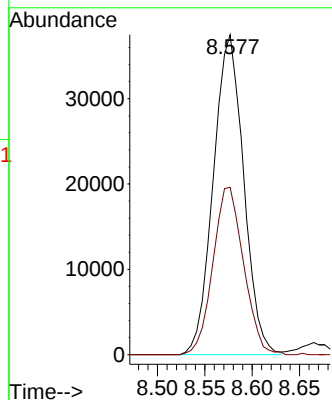
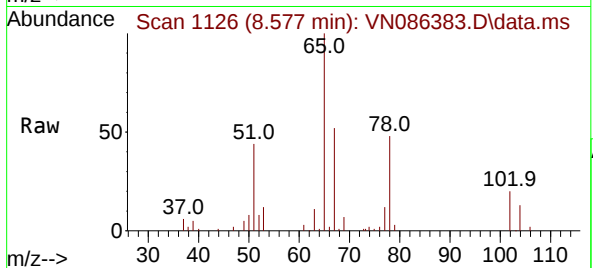
VN0423WBSD01

Tgt Ion: 65 Resp: 83502
Ion Ratio Lower Upper
65 100
67 52.9 42.5 63.7

Manual Integrations

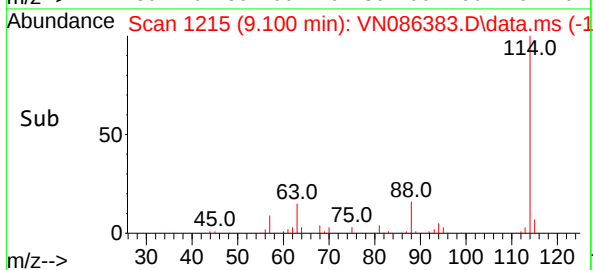
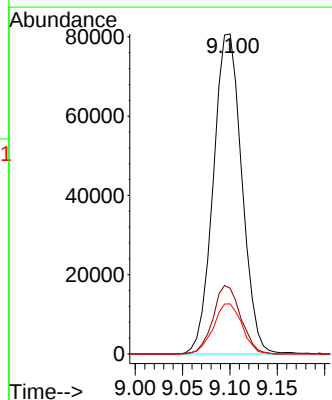
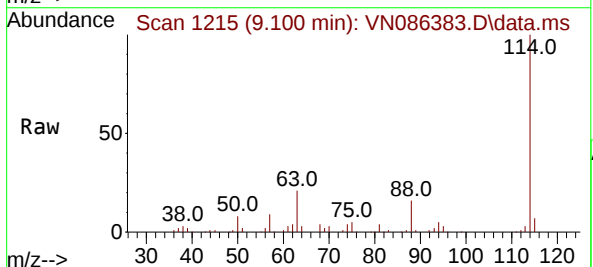
APPROVED

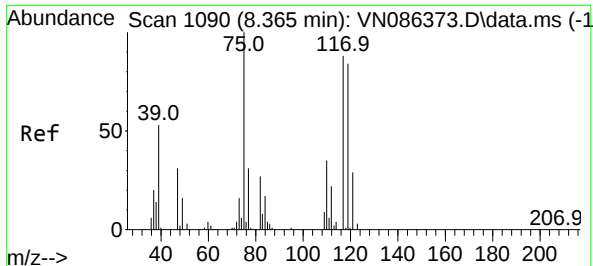
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

Tgt Ion:114 Resp: 168952
Ion Ratio Lower Upper
114 100
63 20.8 16.7 25.1
88 15.8 12.6 19.0





#29

1,1-Dichloropropene

Concen: 19.569 ug/l

RT: 8.371 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN086383.D

Acq: 23 Apr 2025 15:36

Instrument :

MSVOA_N

ClientSampleId :

VN0423WBSD01

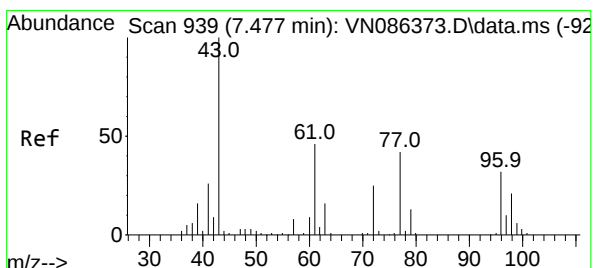
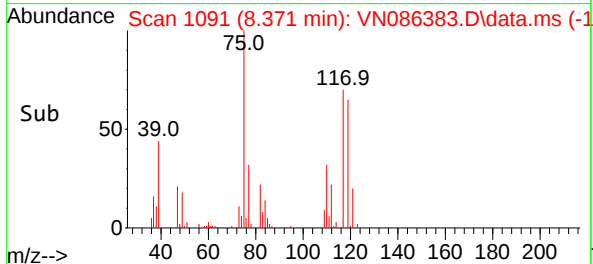
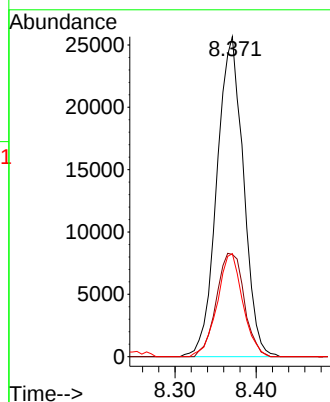
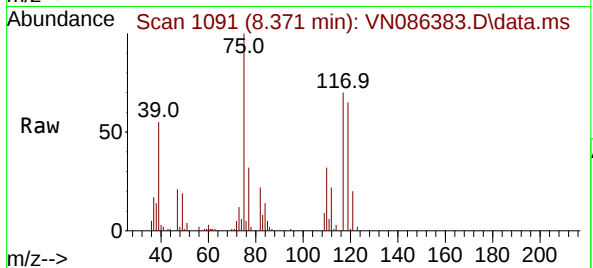
Tgt Ion:	75	Resp:	5828
Ion Ratio	Lower	Upper	
75	100		
110	33.8	0.0	68.0
77	31.1	0.0	61.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#30

2-Butanone

Concen: 105.343 ug/l

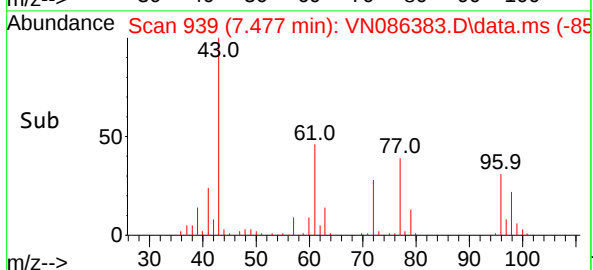
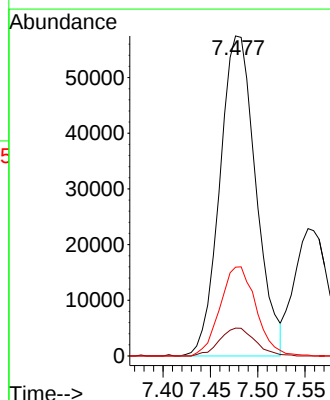
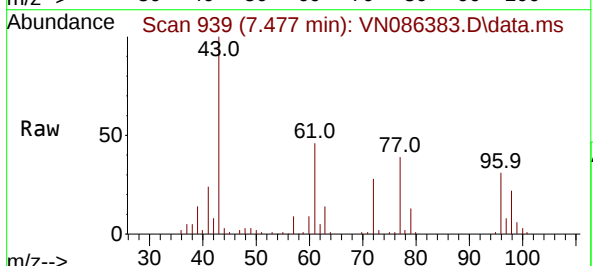
RT: 7.477 min Scan# 939

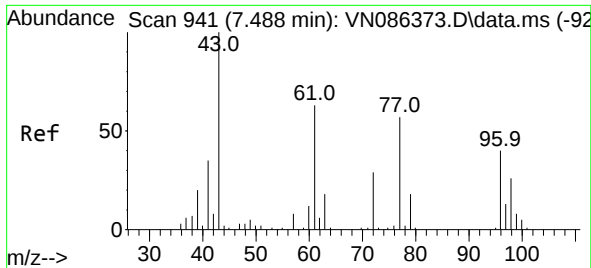
Delta R.T. -0.000 min

Lab File: VN086383.D

Acq: 23 Apr 2025 15:36

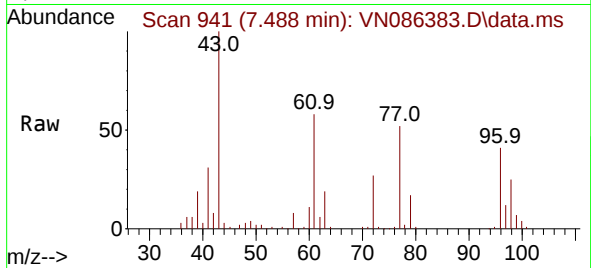
Tgt Ion:	43	Resp:	152291
Ion Ratio	Lower	Upper	
43	100		
57	8.6	6.6	10.0
72	27.8	22.2	33.4





#31
2,2-Dichloropropane
Concen: 19.297 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

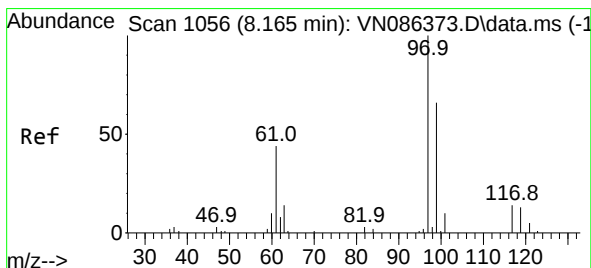
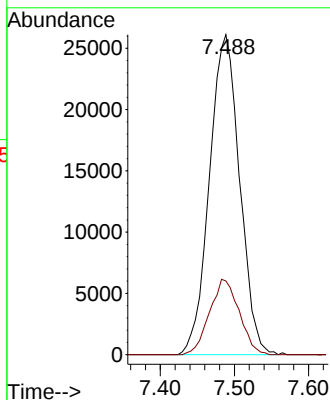
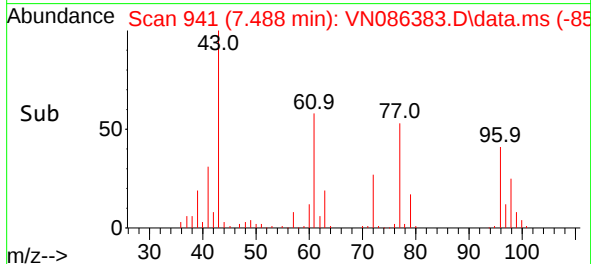
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBSD01



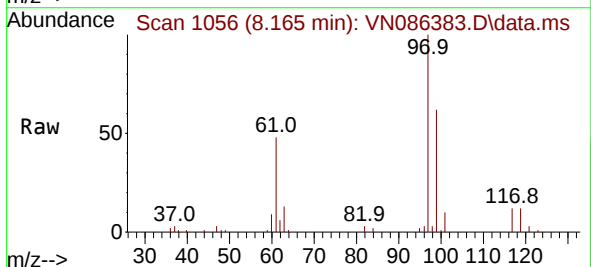
Tgt Ion: 77 Resp: 73884
Ion Ratio Lower Upper
77 100
97 23.1 18.2 27.2

Manual Integrations
APPROVED

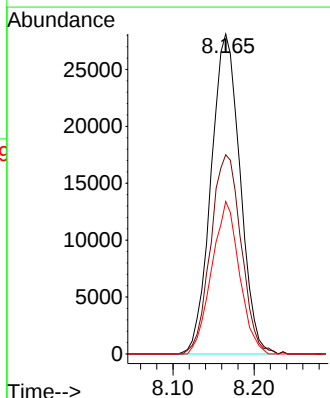
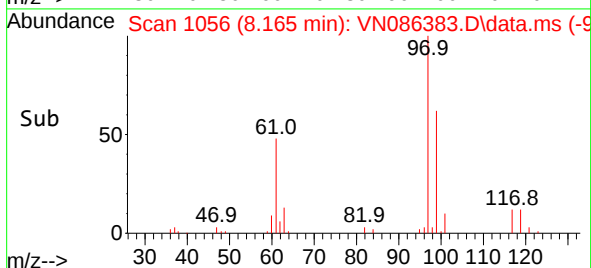
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

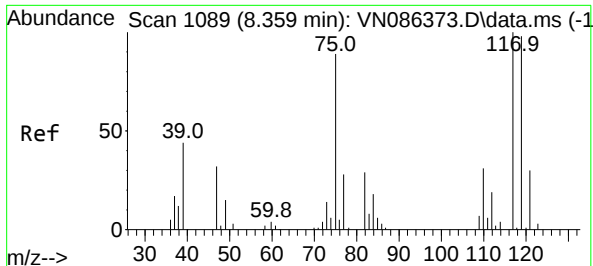


#32
1,1,1-Trichloroethane
Concen: 19.622 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36



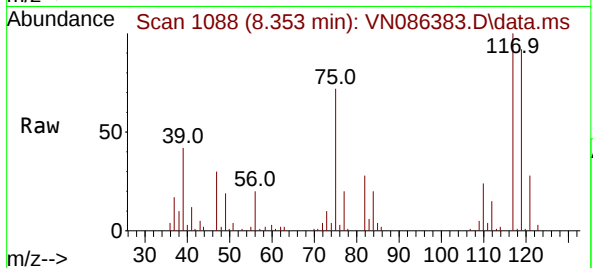
Tgt Ion: 97 Resp: 69838
Ion Ratio Lower Upper
97 100
99 65.3 52.6 79.0
61 45.5 36.4 54.6





#33
Carbon Tetrachloride
Concen: 19.175 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

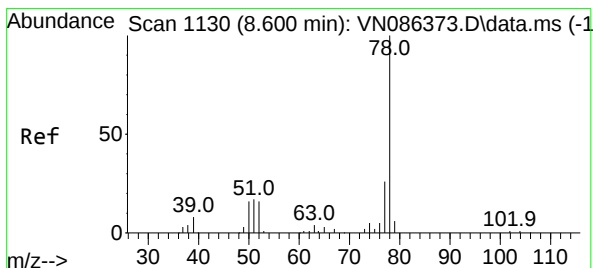
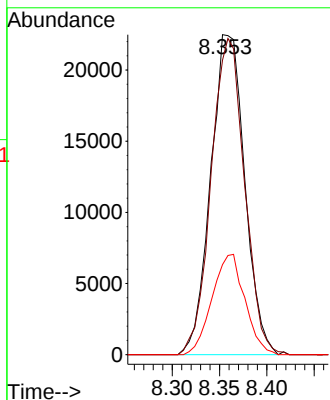
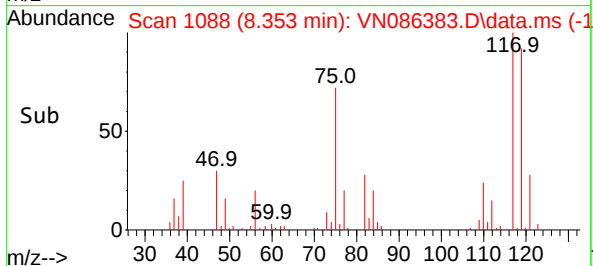
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBSD01



Tgt Ion:117 Resp: 5618
Ion Ratio Lower Upper
117 100
119 92.1 78.6 117.8
121 28.2 24.0 36.0

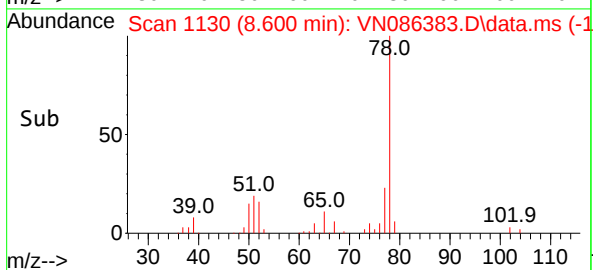
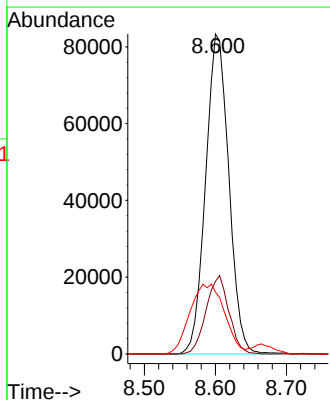
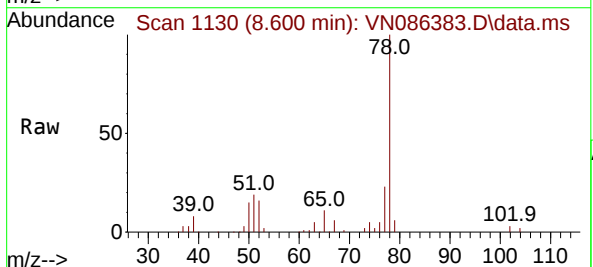
Manual Integrations
APPROVED

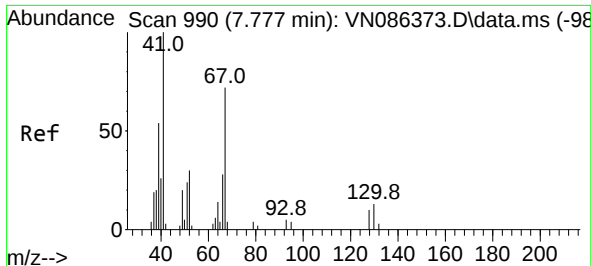
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#34
Benzene
Concen: 19.963 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

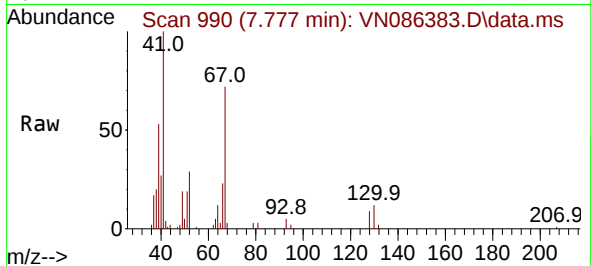
Tgt Ion: 78 Resp: 189121
Ion Ratio Lower Upper
78 100
77 22.7 20.8 31.2
51 18.3 14.0 21.0





#35
Methacrylonitrile
Concen: 20.799 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

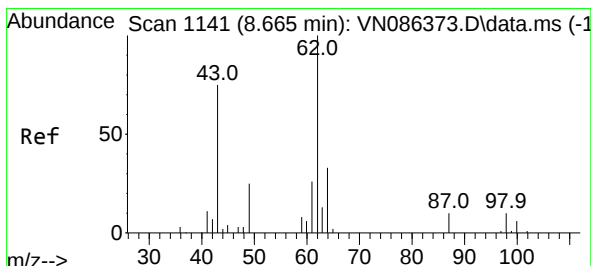
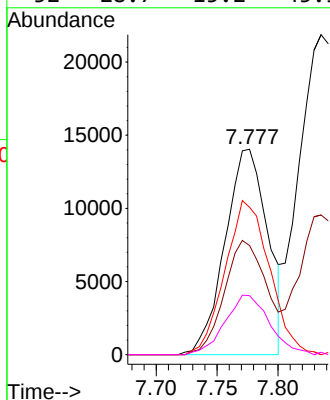
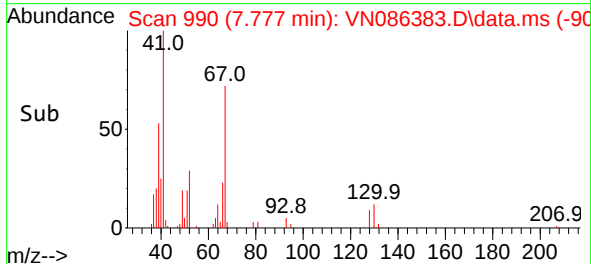
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBSD01



Tgt Ion: 41 Resp: 34299
Ion Ratio Lower Upper
41 100
39 53.1 27.0 80.8
67 71.8 35.8 107.3
52 28.7 15.2 45.5

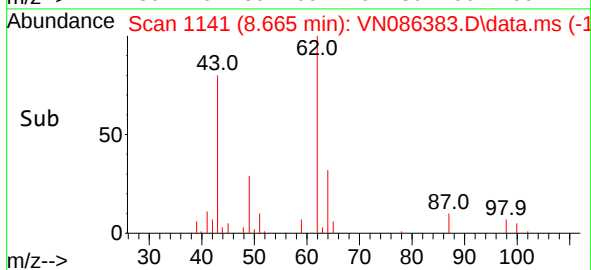
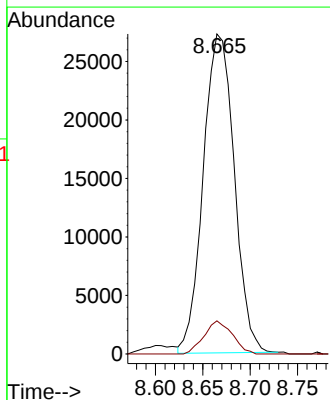
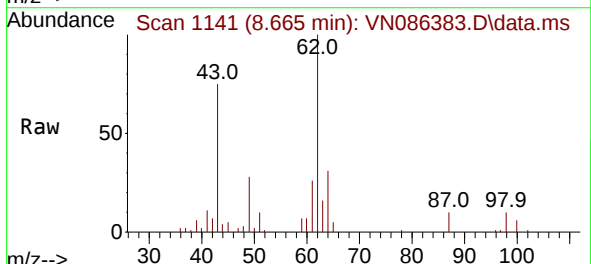
Manual Integrations
APPROVED

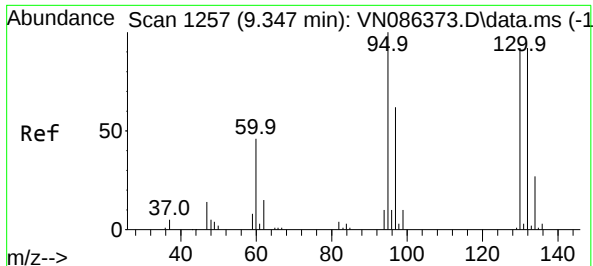
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#36
1,2-Dichloroethane
Concen: 20.193 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

Tgt Ion: 62 Resp: 62109
Ion Ratio Lower Upper
62 100
98 9.4 7.6 11.4





#37

Trichloroethene

Concen: 19.284 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086383.D

Acq: 23 Apr 2025 15:36

Instrument :

MSVOA_N

ClientSampleId :

VN0423WBSD01

Tgt Ion:130 Resp: 4573

Ion Ratio Lower Upper

130 100

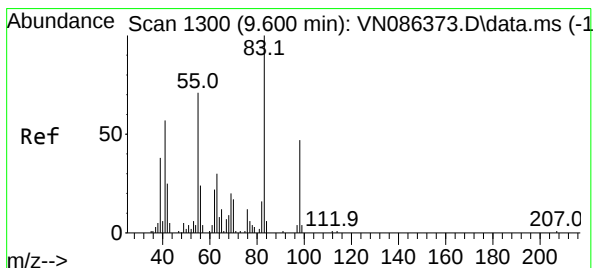
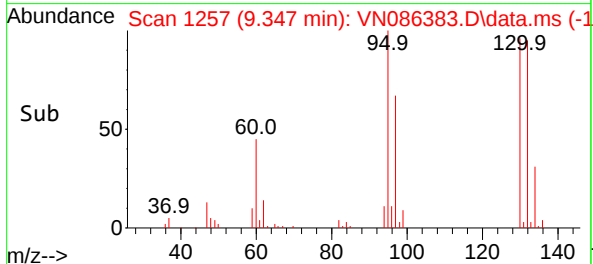
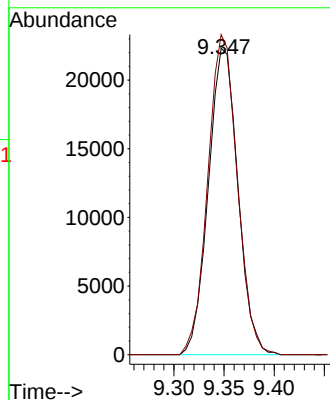
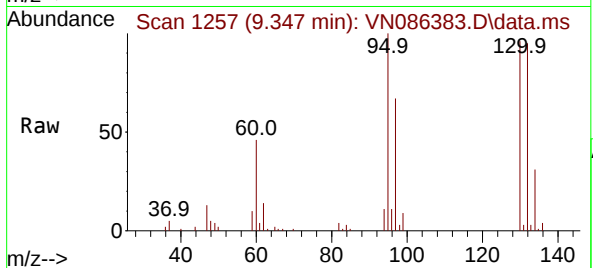
95 104.4 86.6 130.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#38

Methylcyclohexane

Concen: 19.569 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN086383.D

Acq: 23 Apr 2025 15:36

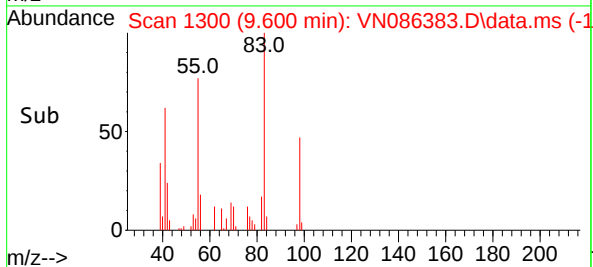
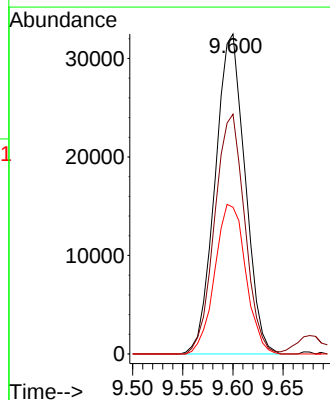
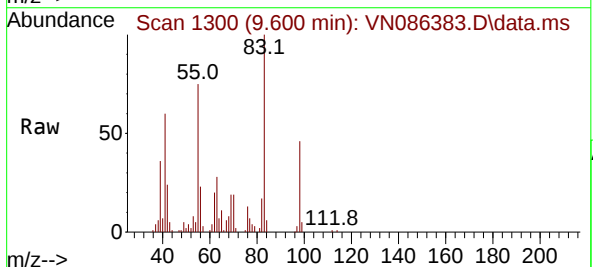
Tgt Ion: 83 Resp: 67318

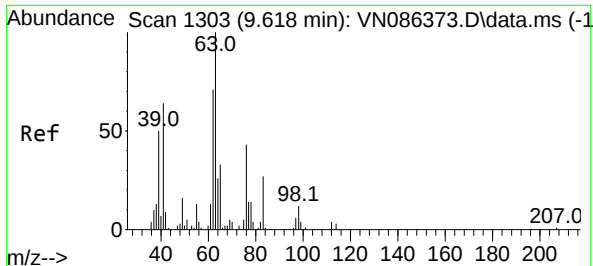
Ion Ratio Lower Upper

83 100

55 75.3 37.3 111.9

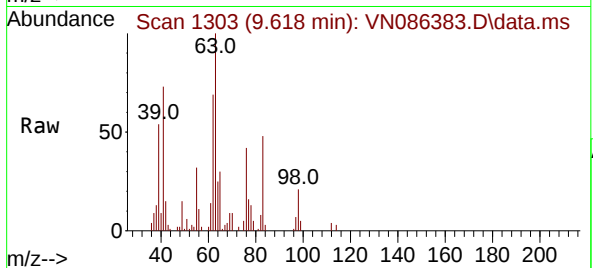
98 48.2 23.8 71.5





#39
1,2-Dichloropropane
Concen: 19.920 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

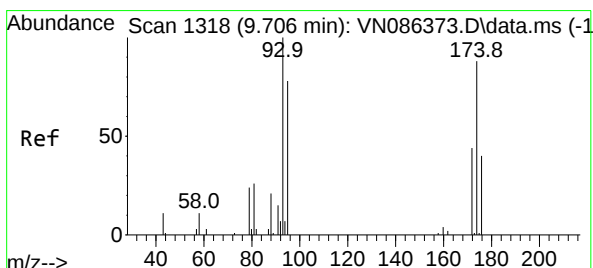
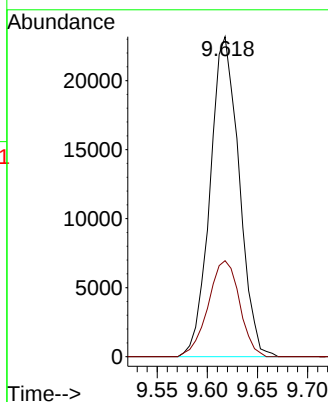
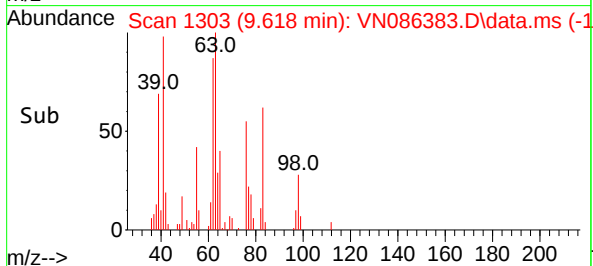
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBSD01



Tgt Ion: 63 Resp: 46619
Ion Ratio Lower Upper
63 100
65 30.0 26.7 40.1

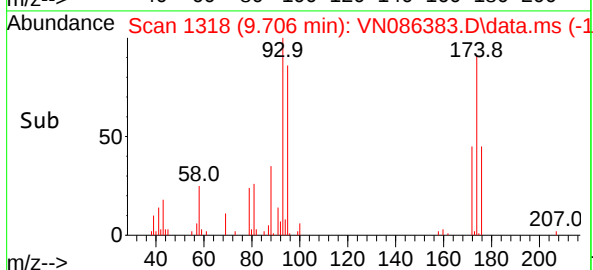
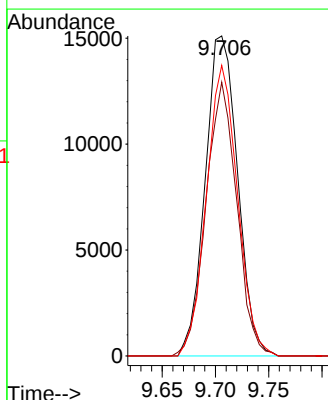
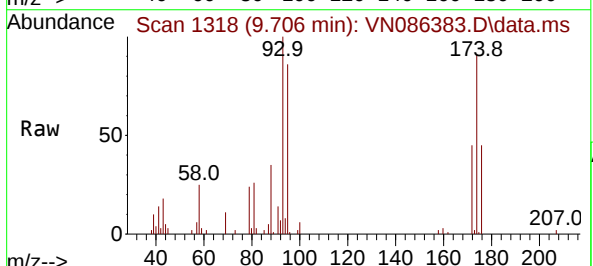
Manual Integrations
APPROVED

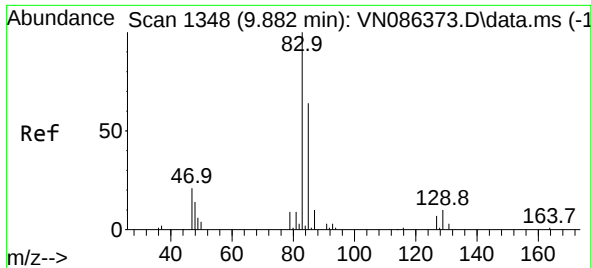
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#40
Dibromomethane
Concen: 20.489 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

Tgt Ion: 93 Resp: 32067
Ion Ratio Lower Upper
93 100
95 81.1 0.0 159.2
174 87.4 0.0 171.4





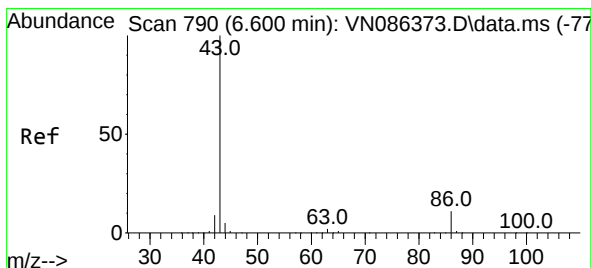
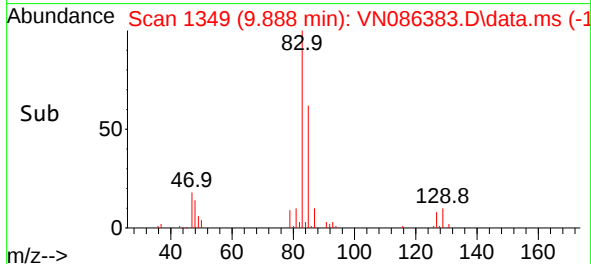
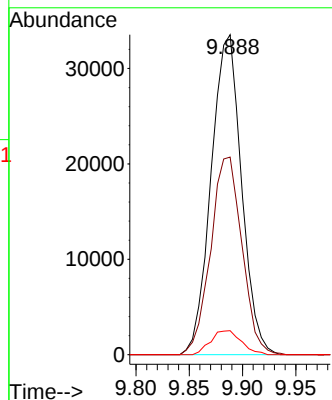
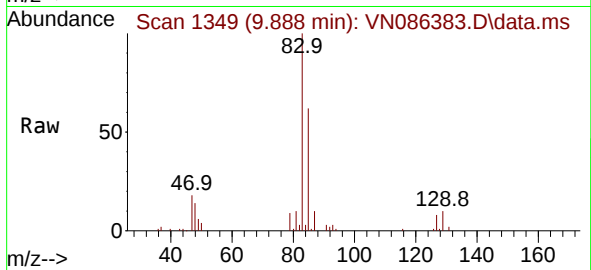
#41
Bromodichloromethane
Concen: 20.062 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0423WBSD01

Tgt Ion: 83 Resp: 66440
Ion Ratio Lower Upper
83 100
85 61.8 51.1 76.7
127 7.5 5.9 8.9

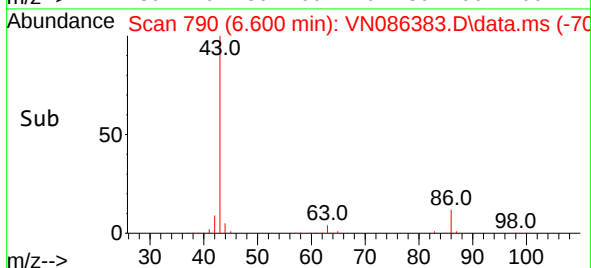
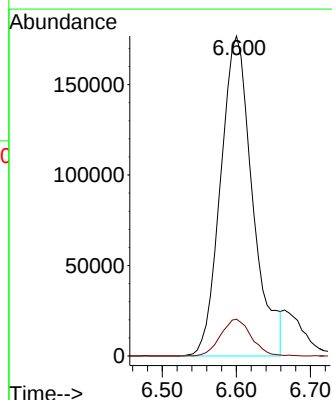
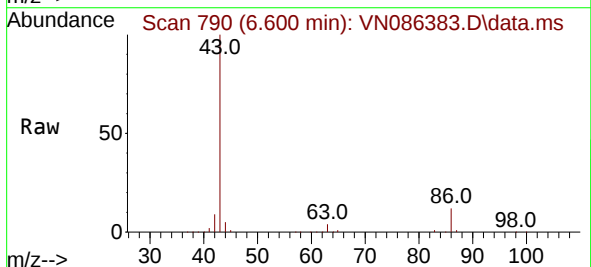
Manual Integrations
APPROVED

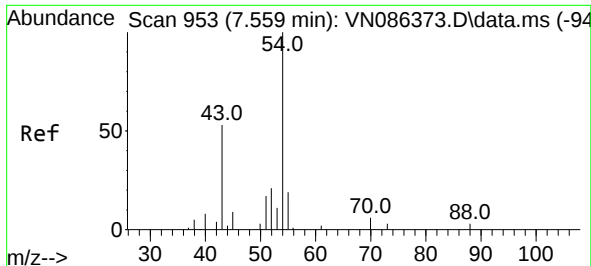
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#42
Vinyl Acetate
Concen: 106.025 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

Tgt Ion: 43 Resp: 530966
Ion Ratio Lower Upper
43 100
86 10.9 8.9 13.3





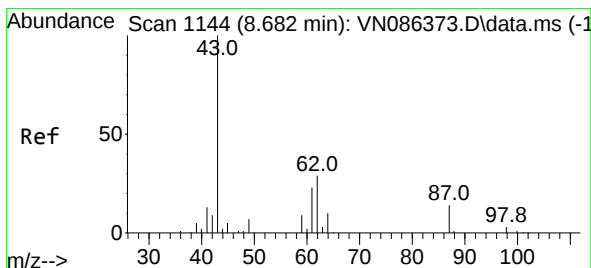
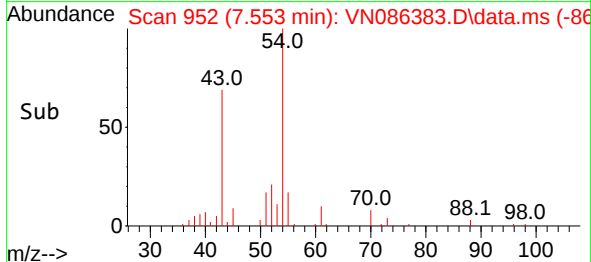
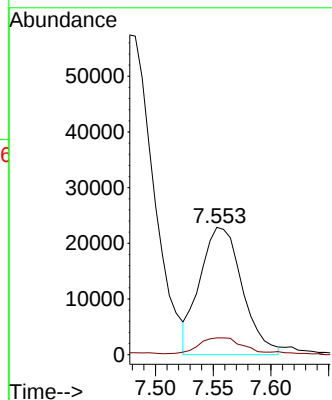
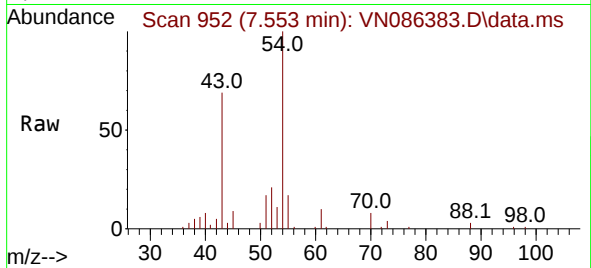
#43
Ethyl Acetate
Concen: 20.412 ug/l m
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0423WBSD01

Tgt Ion: 43 Resp: 58398
Ion Ratio Lower Upper
43 100
45 14.3 11.4 17.2

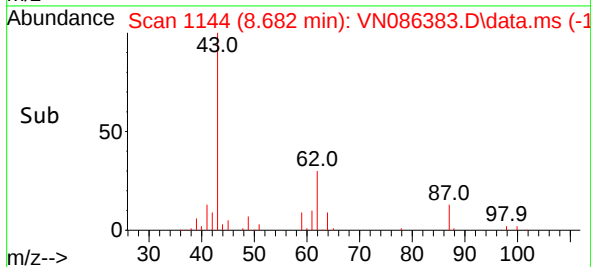
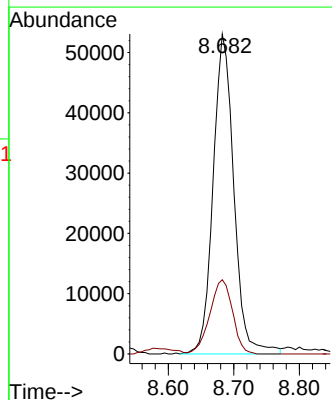
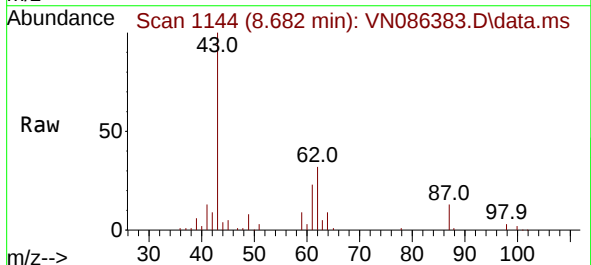
Manual Integrations
APPROVED

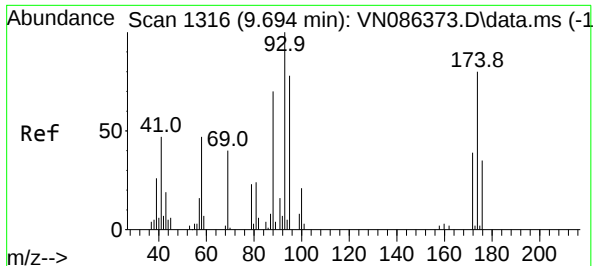
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#44
Isopropyl Acetate
Concen: 21.450 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

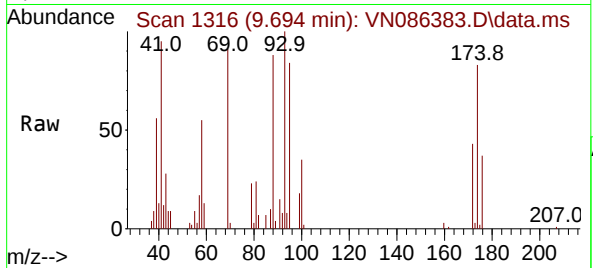
Tgt Ion: 43 Resp: 116469
Ion Ratio Lower Upper
43 100
61 25.4 21.0 31.4





#45
1,4-Dioxane
Concen: 458.846 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

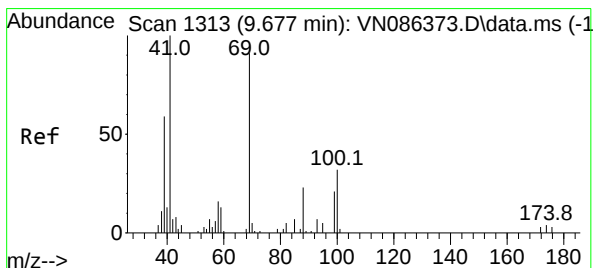
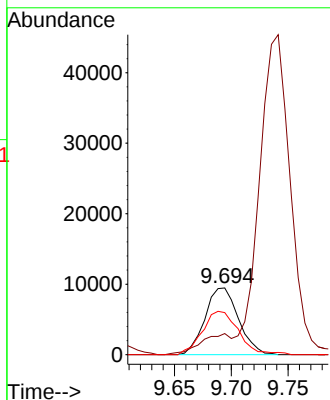
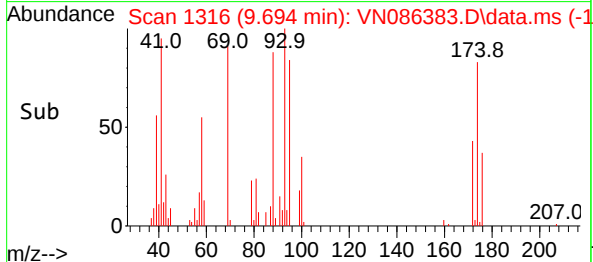
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBSD01



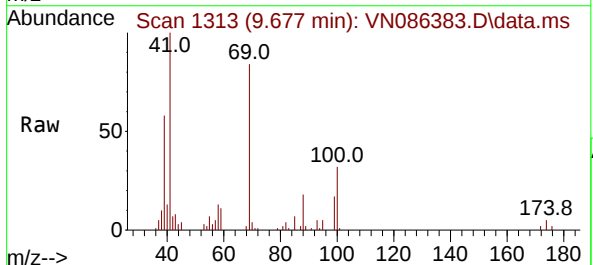
Tgt Ion: 88 Resp: 19439
Ion Ratio Lower Upper
88 100
43 29.0 24.9 37.3
58 69.2 57.8 86.8

Manual Integrations
APPROVED

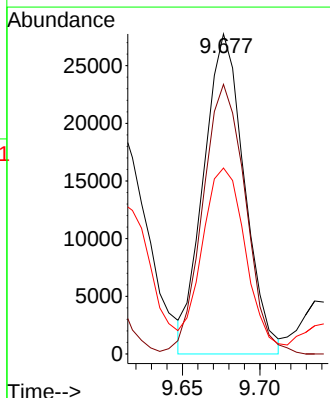
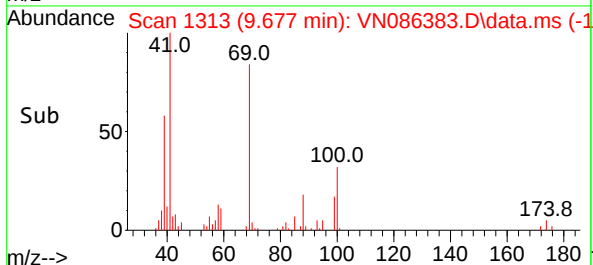
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

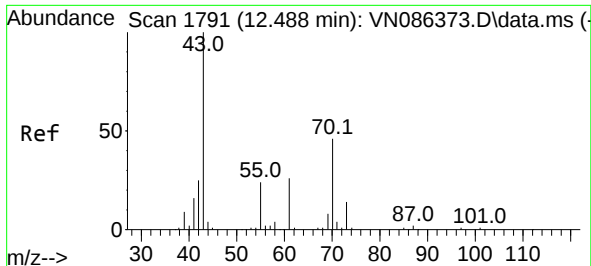


#46
Methyl methacrylate
Concen: 20.235 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36



Tgt Ion: 41 Resp: 50681
Ion Ratio Lower Upper
41 100
69 85.3 44.1 132.3
39 57.6 30.0 90.1





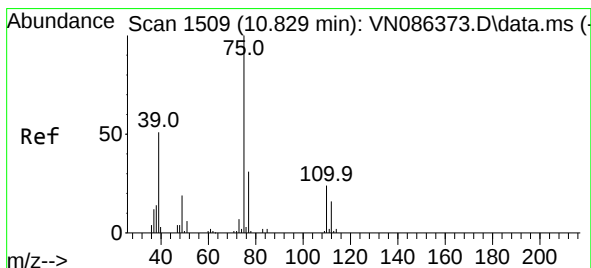
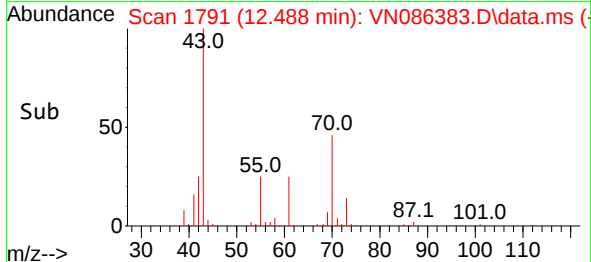
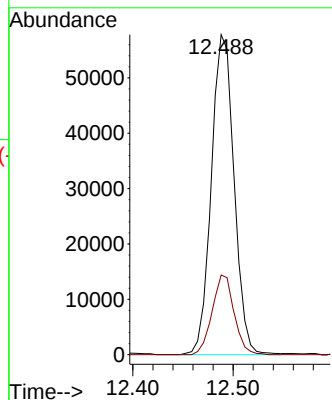
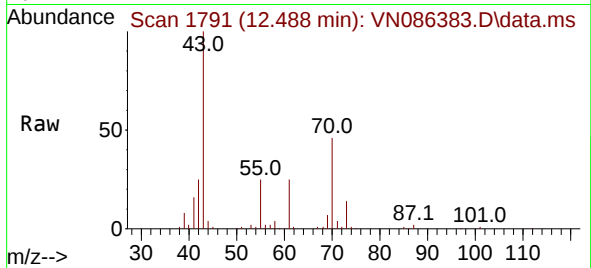
#47
n-amy1 Acetate
Concen: 19.720 ug/l
RT: 12.488 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0423WBSD01

Tgt Ion: 43 Resp: 91264
Ion Ratio Lower Upper
43 100
55 24.0 19.4 29.0

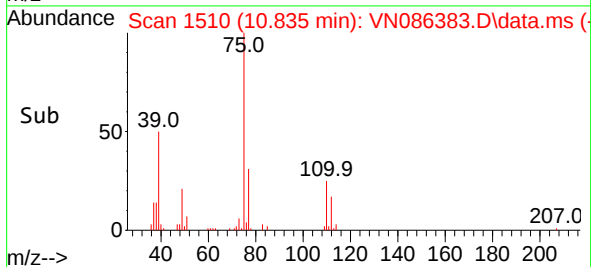
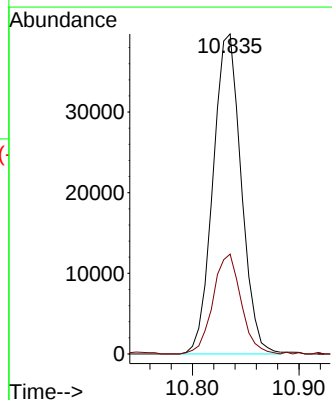
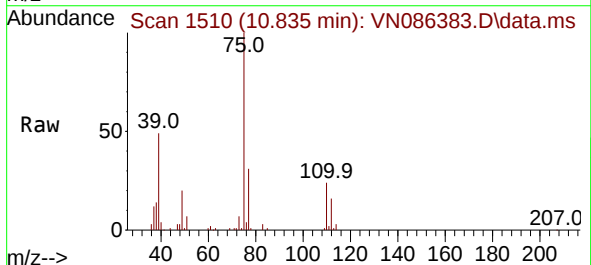
Manual Integrations
APPROVED

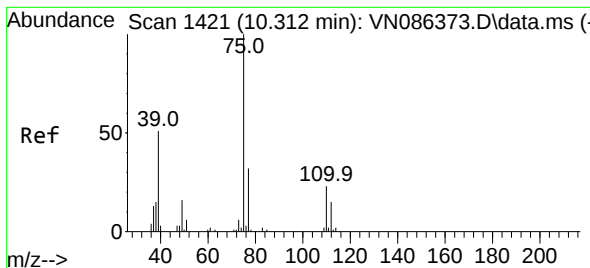
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#48
t-1,3-Dichloropropene
Concen: 19.734 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

Tgt Ion: 75 Resp: 73073
Ion Ratio Lower Upper
75 100
77 31.2 24.4 36.6





#49

cis-1,3-Dichloropropene

Concen: 20.117 ug/l

RT: 10.306 min Scan# 1421

Delta R.T. -0.006 min

Lab File: VN086383.D

Acq: 23 Apr 2025 15:36

Instrument :

MSVOA_N

ClientSampleId :

VN0423WBSD01

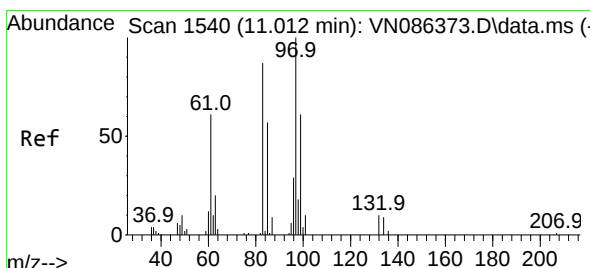
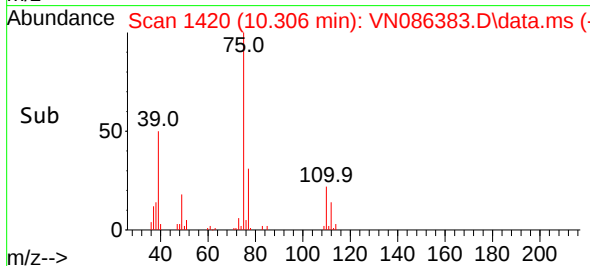
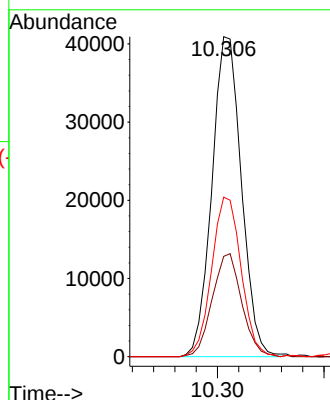
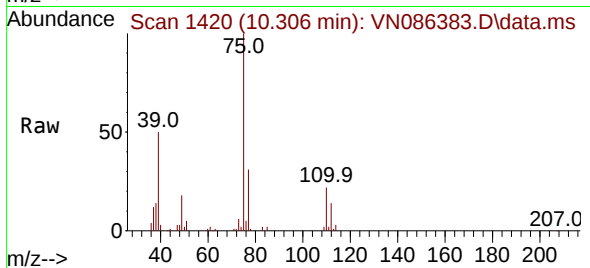
Tgt Ion: 75	Resp: 78554
Ion Ratio	Lower Upper
75 100	
77 31.4	25.6 38.4
39 49.8	40.6 60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#50

1,1,2-Trichloroethane

Concen: 20.299 ug/l

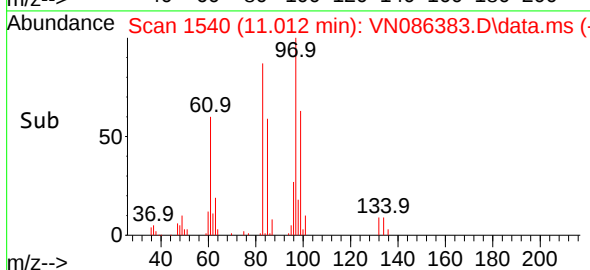
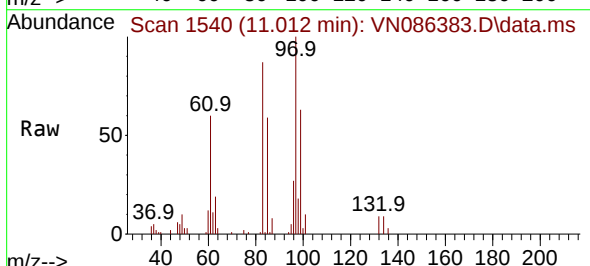
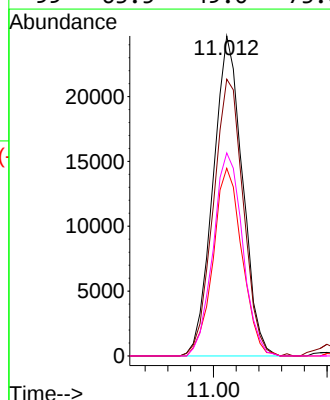
RT: 11.012 min Scan# 1540

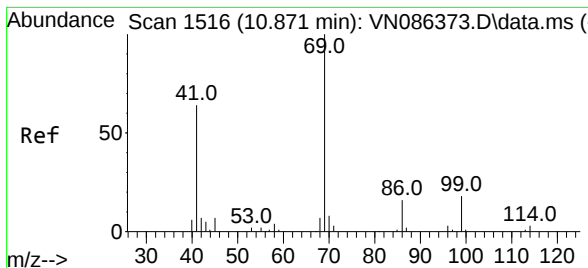
Delta R.T. -0.000 min

Lab File: VN086383.D

Acq: 23 Apr 2025 15:36

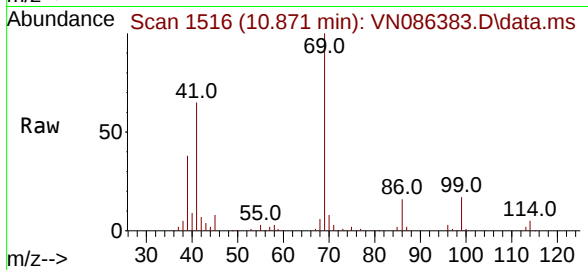
Tgt Ion: 97	Resp: 44377
Ion Ratio	Lower Upper
97 100	
83 86.5	69.3 103.9
85 58.7	45.5 68.3
99 63.5	49.0 73.6





#51
Ethyl methacrylate
Concen: 20.286 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

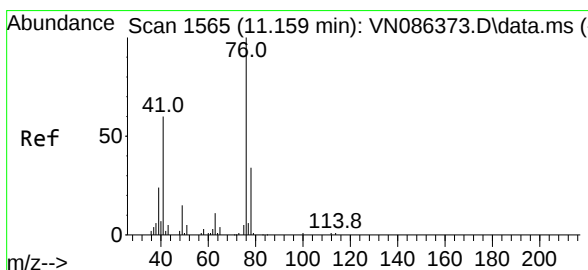
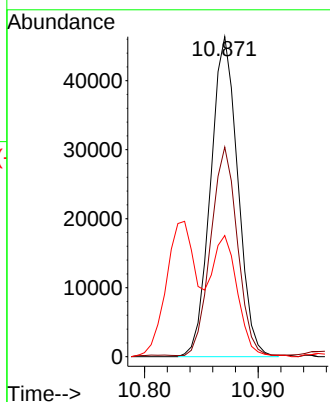
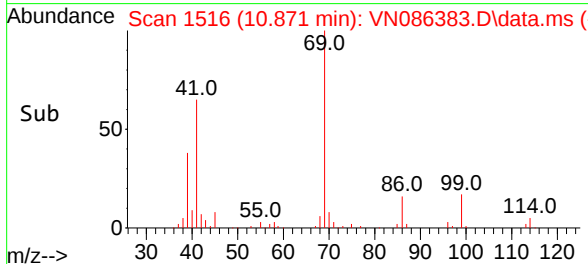
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBSD01



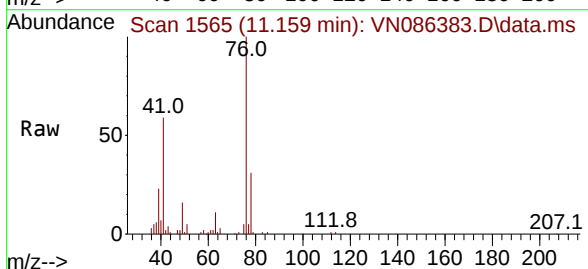
Tgt Ion: 69 Resp: 7723
Ion Ratio Lower Upper
69 100
41 65.1 32.3 96.8
39 37.5 19.1 57.1

Manual Integrations
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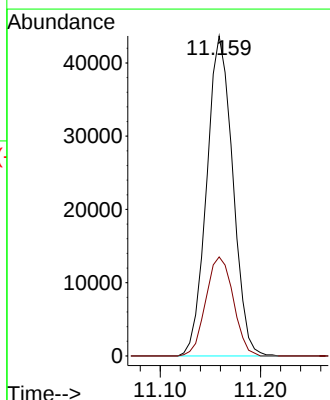
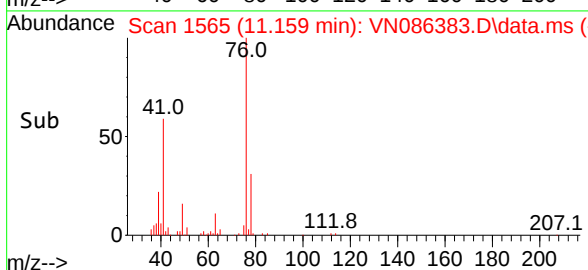
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

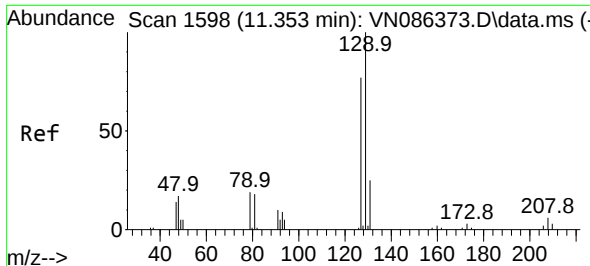


#52
1,3-Dichloropropane
Concen: 20.434 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36



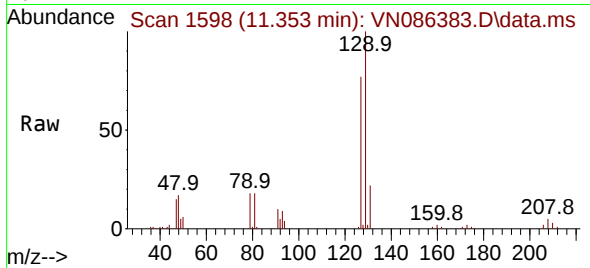
Tgt Ion: 76 Resp: 78950
Ion Ratio Lower Upper
76 100
78 32.5 0.0 65.6





#53
Dibromochloromethane
Concen: 19.845 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

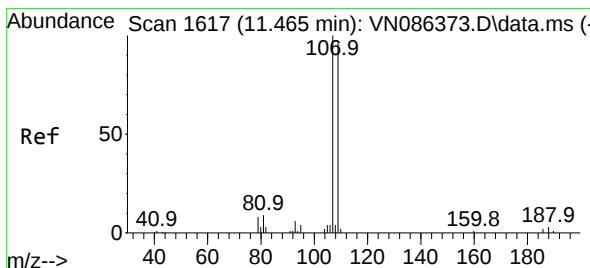
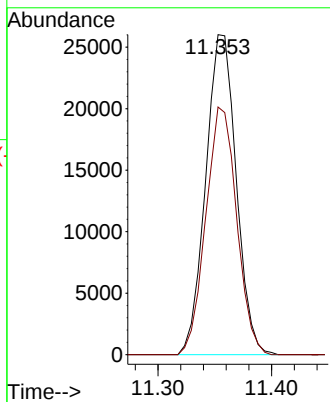
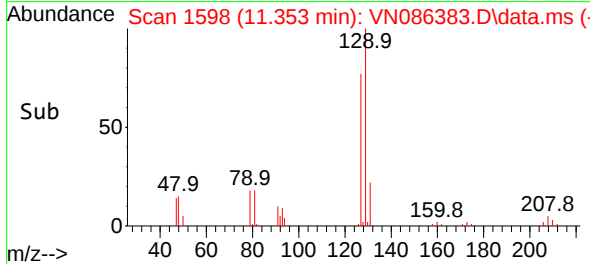
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBSD01



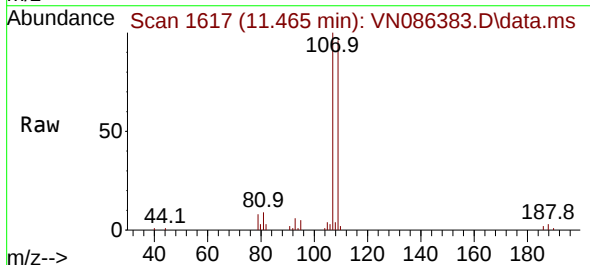
Tgt Ion:129 Resp: 48714
Ion Ratio Lower Upper
129 100
127 78.1 38.8 116.3

Manual Integrations
APPROVED

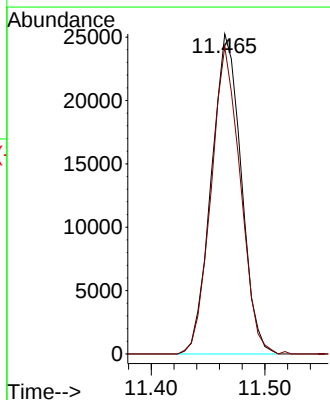
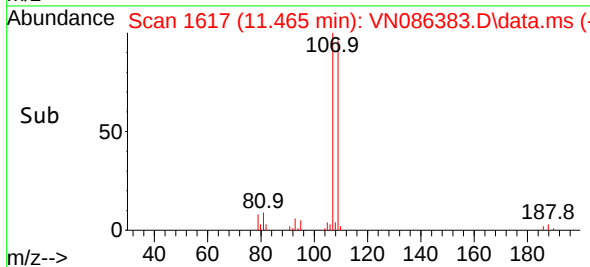
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

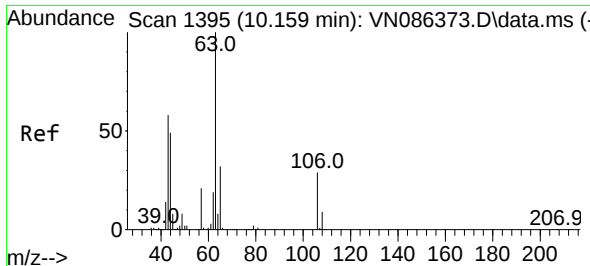


#54
1,2-Dibromoethane
Concen: 20.661 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36



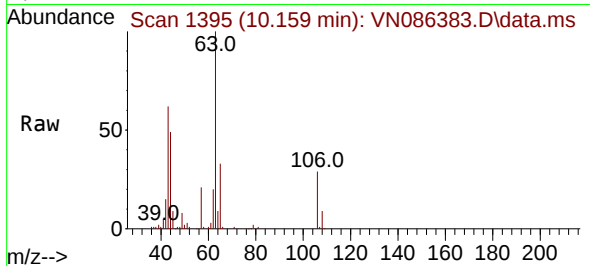
Tgt Ion:107 Resp: 45924
Ion Ratio Lower Upper
107 100
109 94.0 75.4 113.0





#55
2-Chloroethyl vinyl ether
Concen: 95.818 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

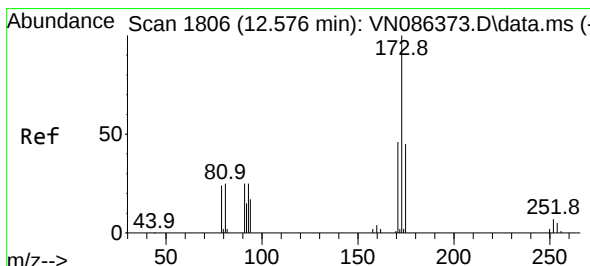
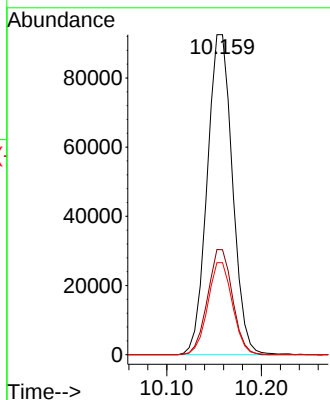
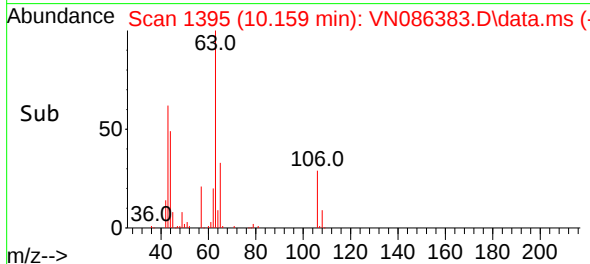
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBSD01



Tgt Ion: 63 Resp: 171519
Ion Ratio Lower Upper
63 100
65 32.4 25.7 38.5
106 28.2 22.3 33.5

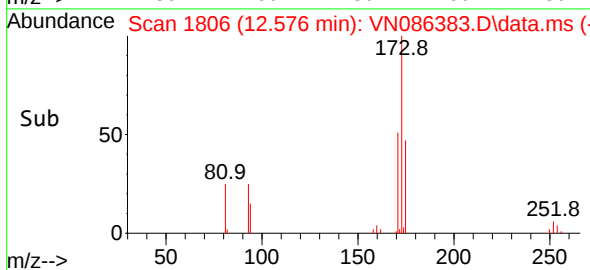
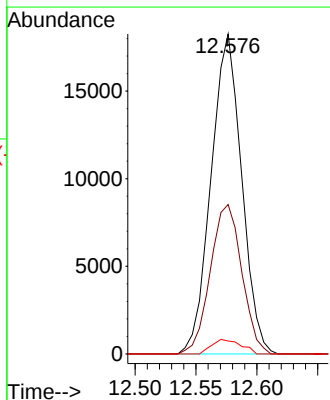
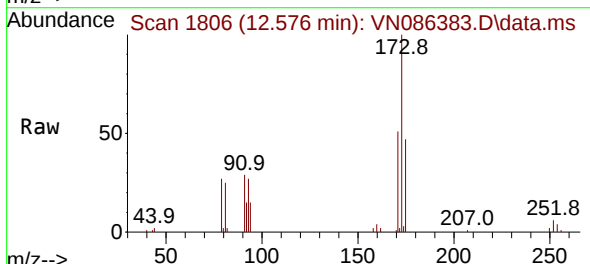
Manual Integrations
APPROVED

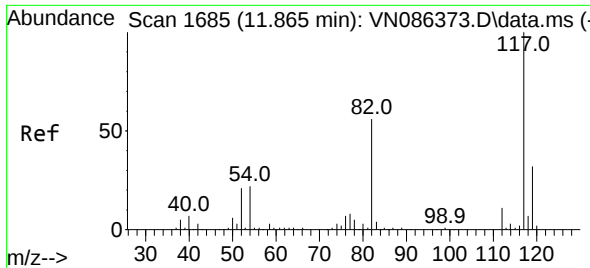
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#56
Bromoform
Concen: 20.034 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

Tgt Ion:173 Resp: 31914
Ion Ratio Lower Upper
173 100
175 48.0 39.0 58.6
254 4.3 3.8 5.6





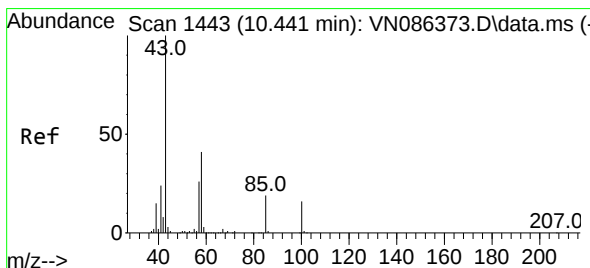
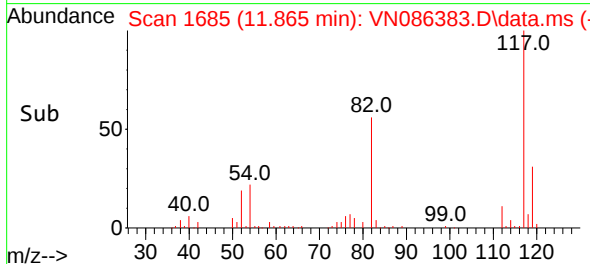
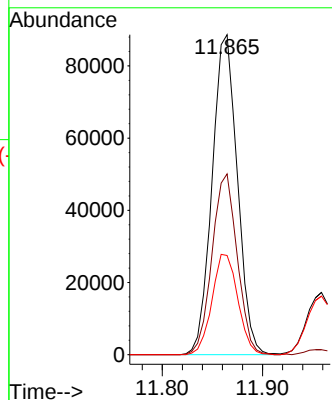
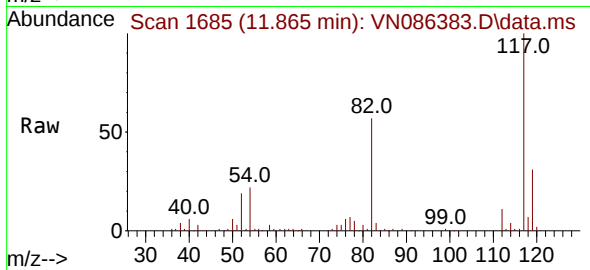
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0423WBSD01

Tgt Ion:117 Resp: 15557
Ion Ratio Lower Upper
117 100
82 56.3 45.5 68.3
119 32.0 25.9 38.9

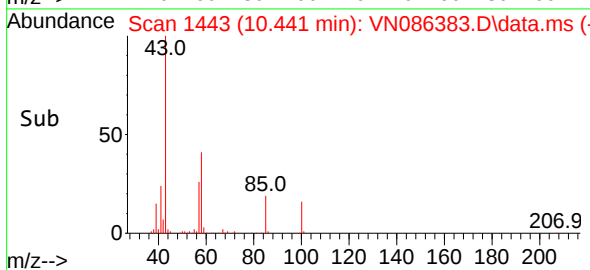
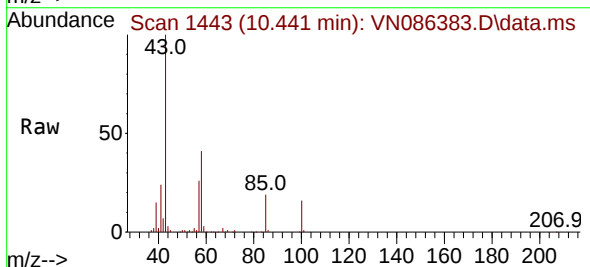
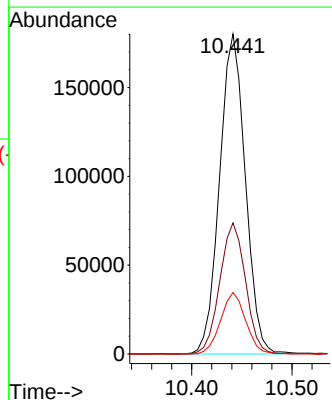
Manual Integrations
APPROVED

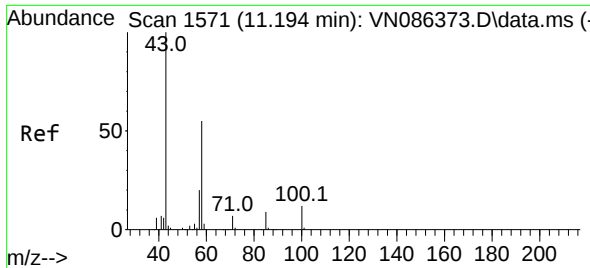
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#58
4-Methyl-2-Pentanone
Concen: 106.712 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

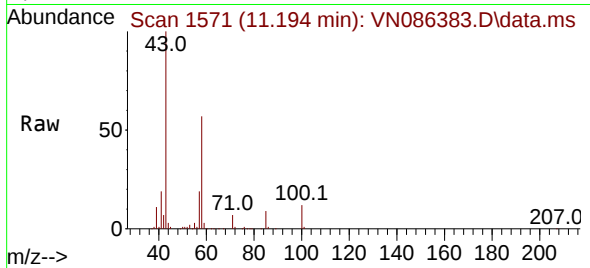
Tgt Ion: 43 Resp: 321264
Ion Ratio Lower Upper
43 100
58 40.8 33.0 49.6
85 18.7 14.9 22.3





#59
2-Hexanone
Concen: 106.358 ug/l
RT: 11.194 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

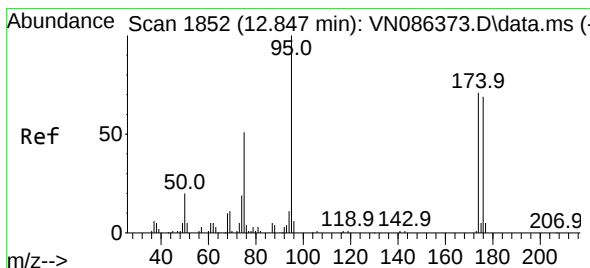
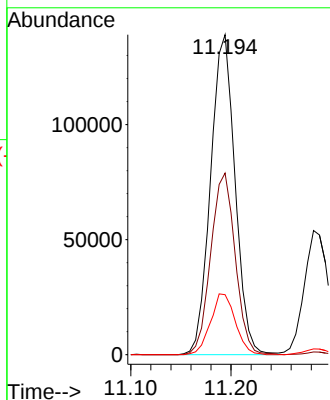
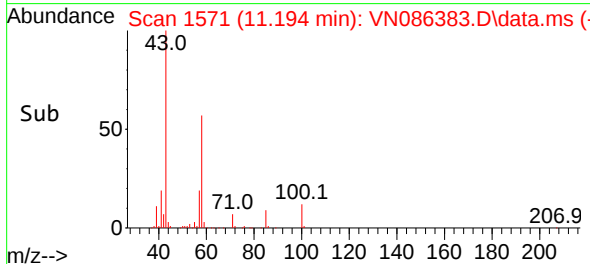
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBSD01



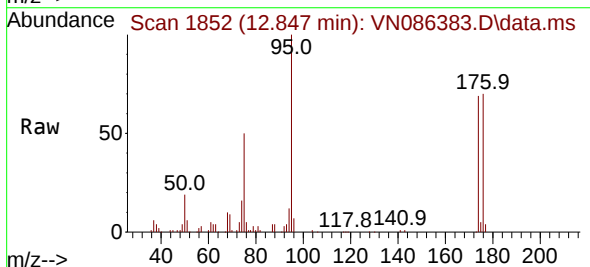
Tgt Ion: 43 Resp: 23596
Ion Ratio Lower Upper
43 100
58 56.6 45.0 67.6
57 19.2 15.5 23.3

Manual Integrations
APPROVED

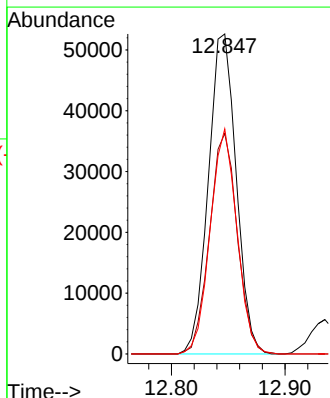
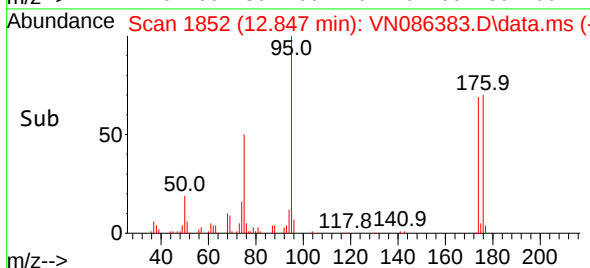
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

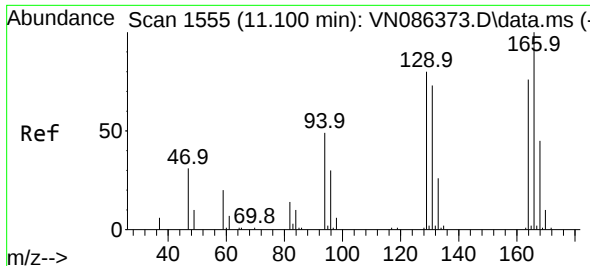


#60
4-Bromofluorobenzene
Concen: 29.391 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36



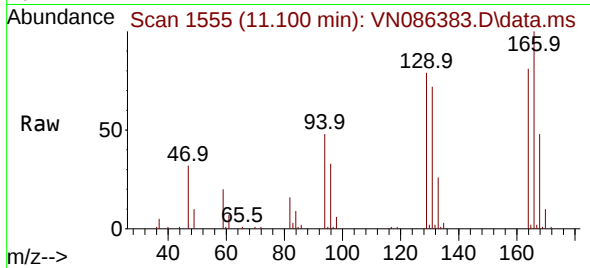
Tgt Ion: 95 Resp: 89869
Ion Ratio Lower Upper
95 100
174 68.6 56.6 84.8
176 67.4 53.3 79.9





#61
Tetrachloroethene
Concen: 19.559 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

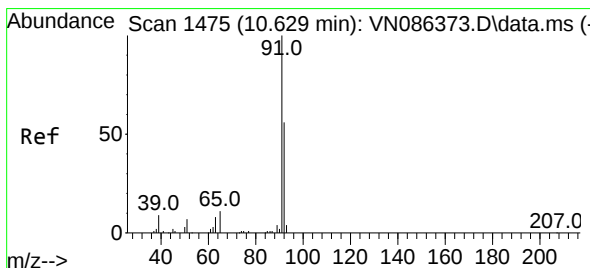
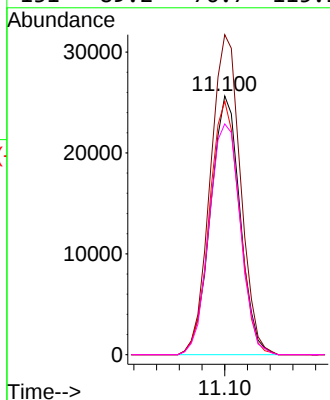
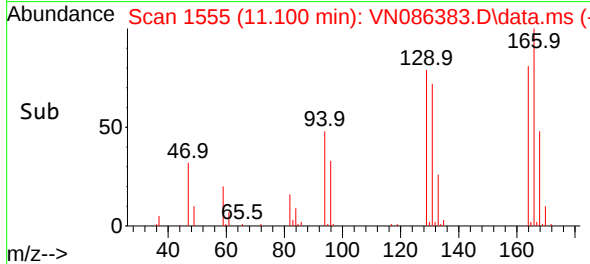
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBSD01



Tgt Ion:164 Resp: 4641
Ion Ratio Lower Upper
164 100
166 123.7 105.0 157.4
129 97.9 83.9 125.9
131 89.2 76.7 115.1

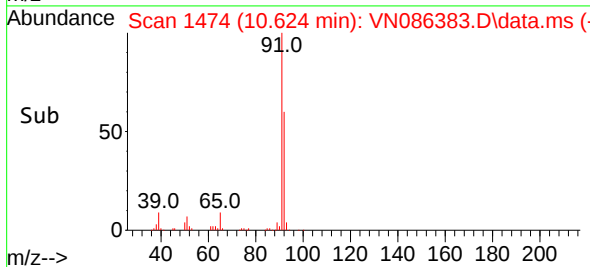
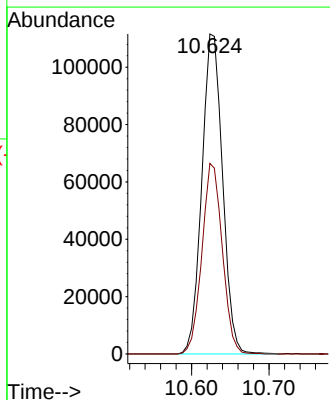
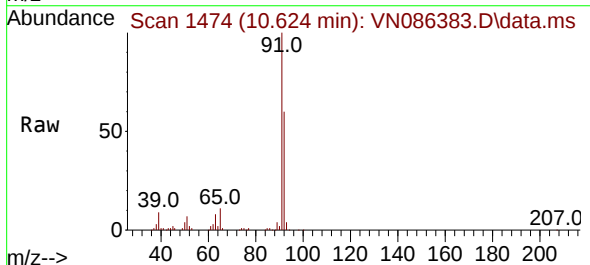
Manual Integrations
APPROVED

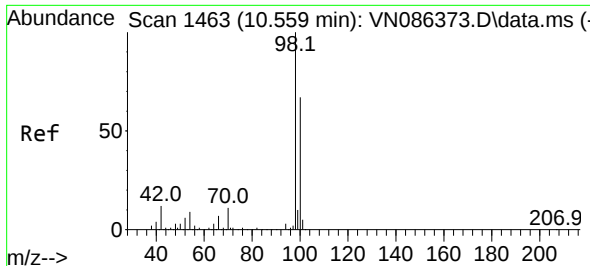
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#62
Toluene
Concen: 19.955 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

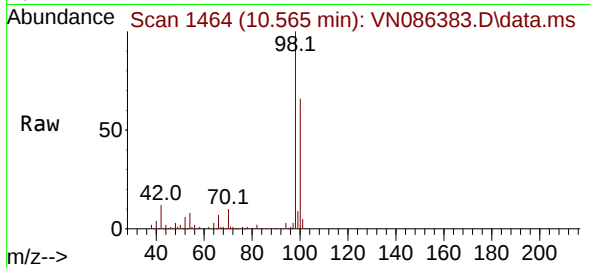
Tgt Ion: 91 Resp: 207801
Ion Ratio Lower Upper
91 100
92 58.5 45.7 68.5





#63
Toluene-d8
Concen: 29.980 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

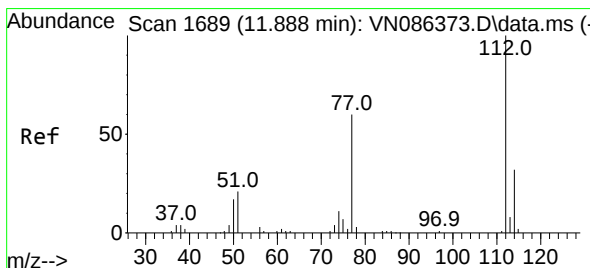
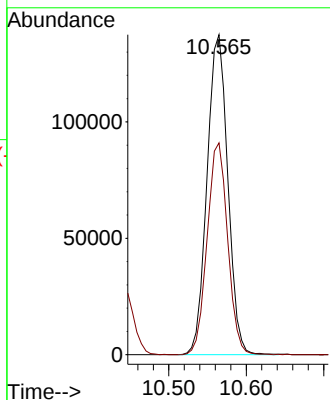
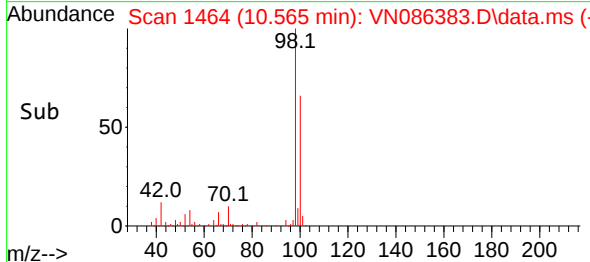
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBSD01



Tgt Ion: 98 Resp: 25659
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7

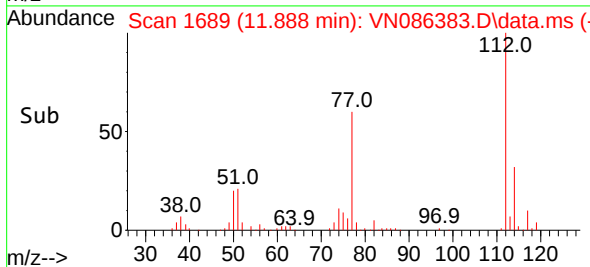
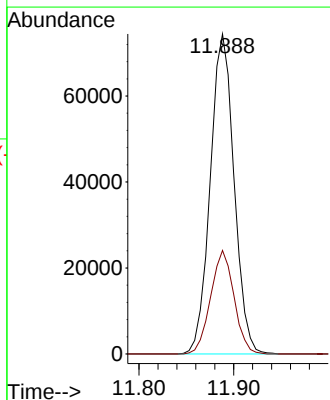
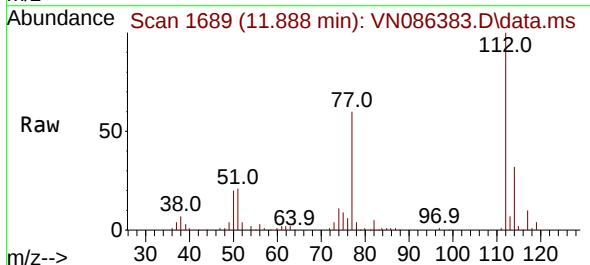
Manual Integrations
APPROVED

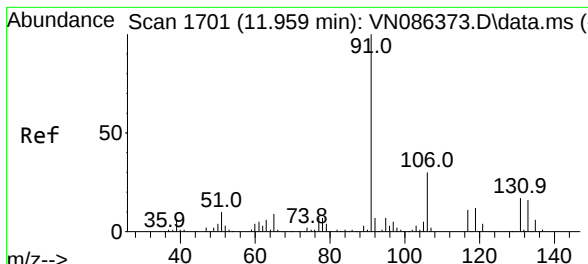
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#64
Chlorobenzene
Concen: 20.041 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

Tgt Ion:112 Resp: 130041
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4





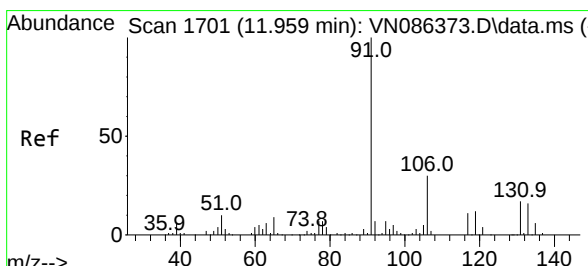
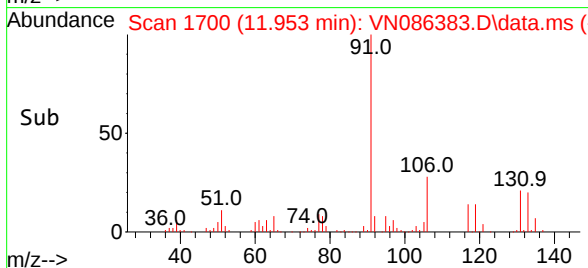
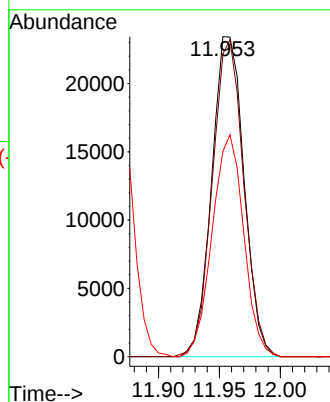
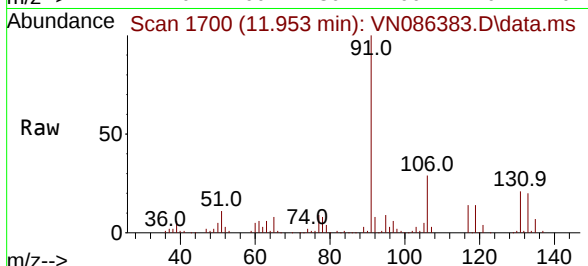
#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.914 ug/l
 RT: 11.953 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN086383.D
 Acq: 23 Apr 2025 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0423WBSD01

Tgt Ion:131 Resp: 4320
 Ion Ratio Lower Upper
 131 100
 133 96.4 0.0 191.4
 119 67.8 0.0 133.6

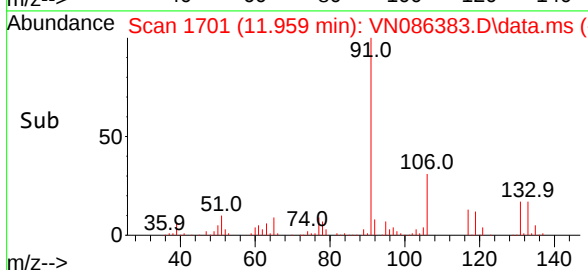
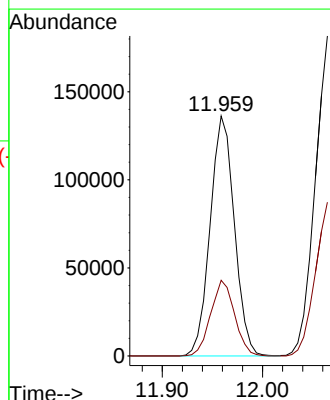
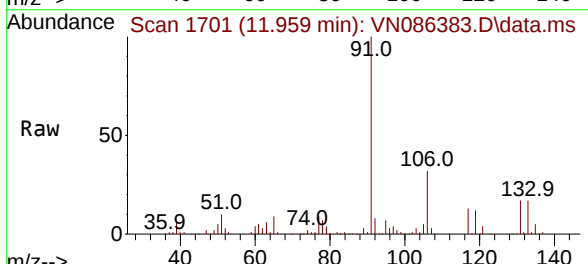
Manual Integrations
 APPROVED

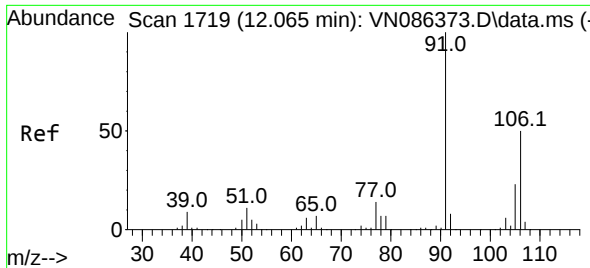
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#66
 Ethyl Benzene
 Concen: 19.513 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VN086383.D
 Acq: 23 Apr 2025 15:36

Tgt Ion: 91 Resp: 228725
 Ion Ratio Lower Upper
 91 100
 106 31.6 24.3 36.5





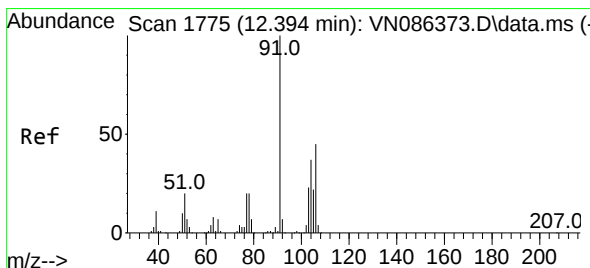
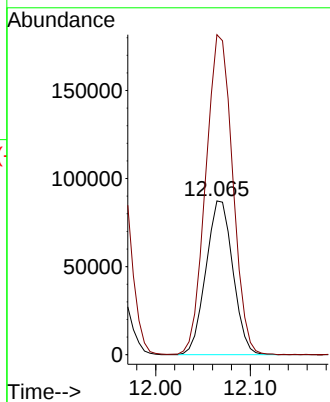
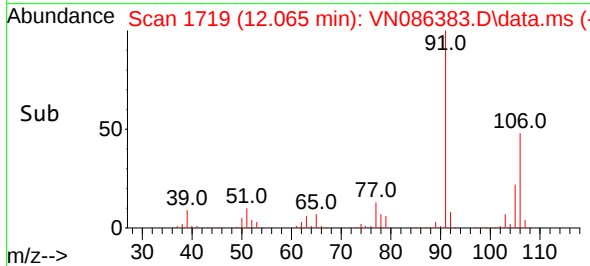
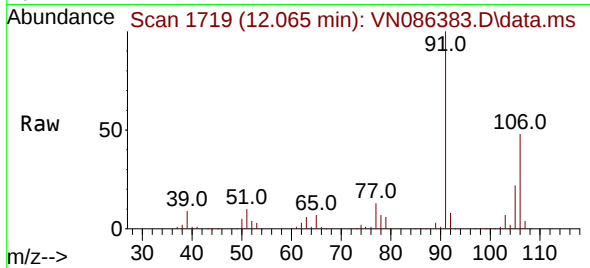
#67
m/p-Xylenes
Concen: 38.856 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0423WBSD01

Tgt Ion:106 Resp: 17281
Ion Ratio Lower Upper
106 100
91 207.9 162.6 243.8

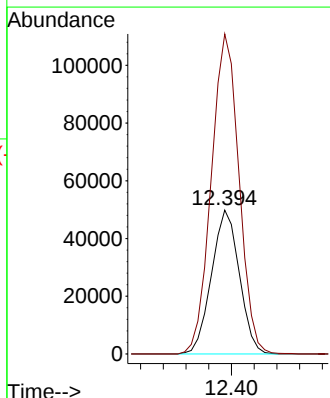
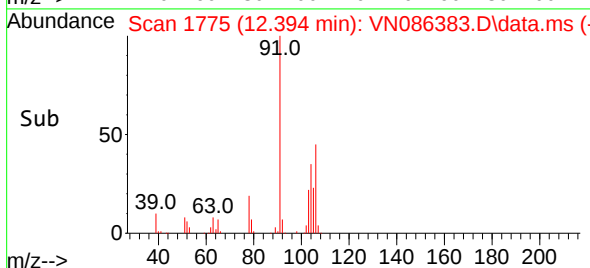
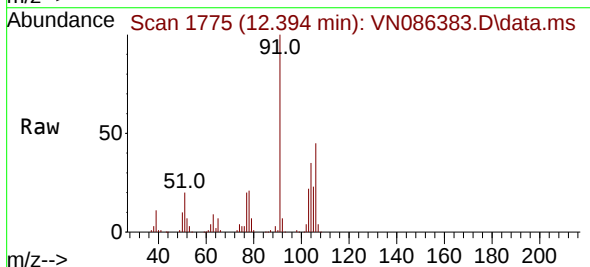
Manual Integrations
APPROVED

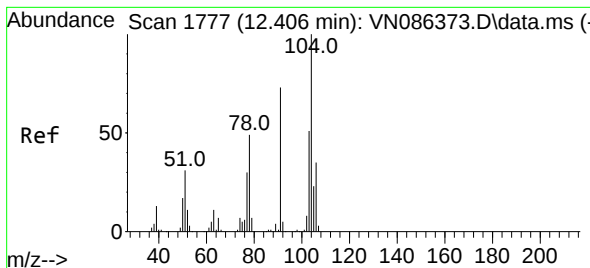
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#68
o-Xylene
Concen: 19.470 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

Tgt Ion:106 Resp: 84784
Ion Ratio Lower Upper
106 100
91 221.5 110.6 331.6





#69

Styrene

Concen: 19.550 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VN086383.D

Acq: 23 Apr 2025 15:36

Instrument :

MSVOA_N

ClientSampleId :

VN0423WBSD01

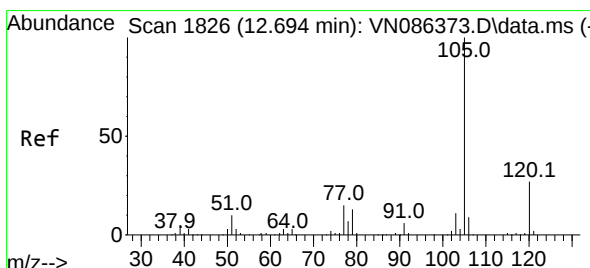
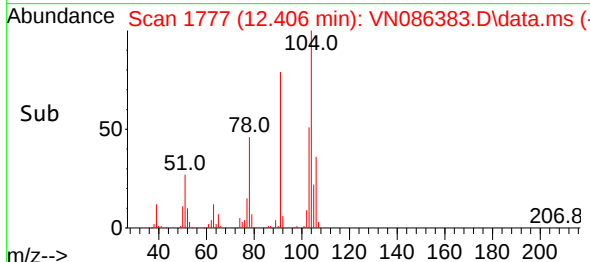
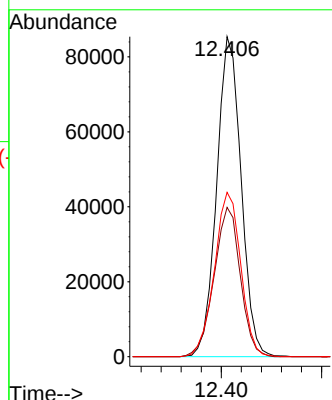
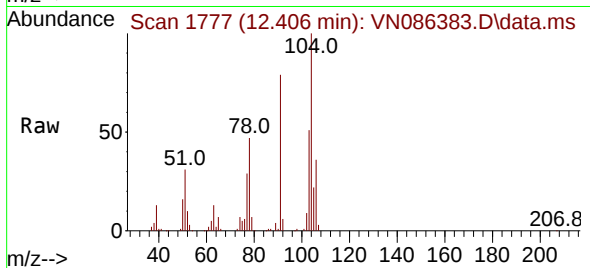
Tgt Ion:104 Resp: 144290
 Ion Ratio Lower Upper
 104 100
 78 50.1 40.2 60.4
 103 55.3 43.8 65.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#70

Isopropylbenzene

Concen: 19.952 ug/l

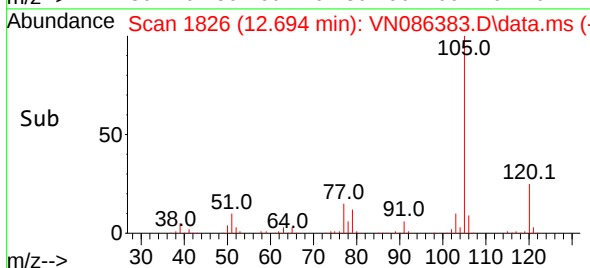
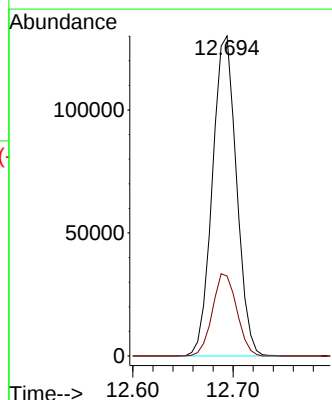
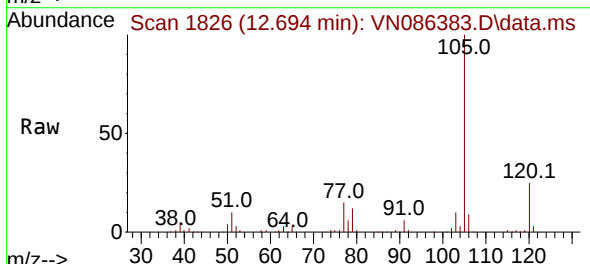
RT: 12.694 min Scan# 1826

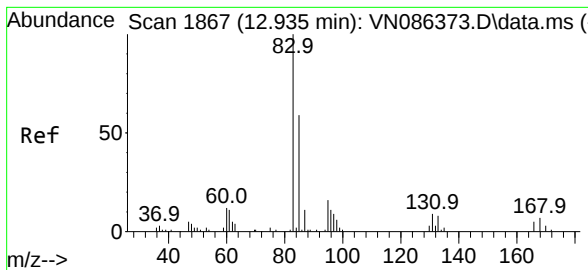
Delta R.T. -0.000 min

Lab File: VN086383.D

Acq: 23 Apr 2025 15:36

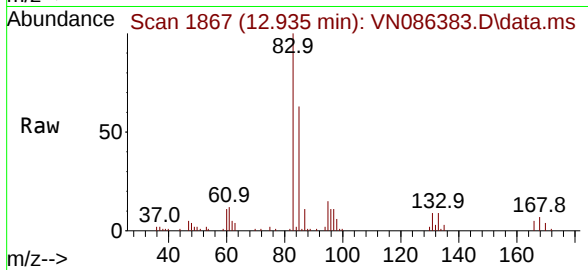
Tgt Ion:105 Resp: 216881
 Ion Ratio Lower Upper
 105 100
 120 26.0 18.2 33.8





#71
1,1,2,2-Tetrachloroethane
Concen: 21.960 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

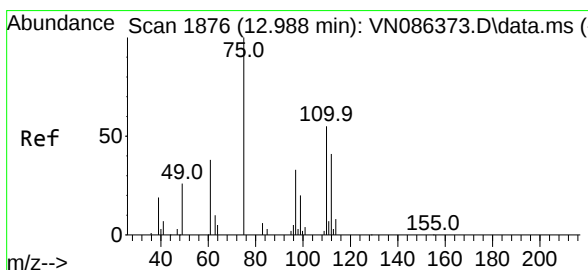
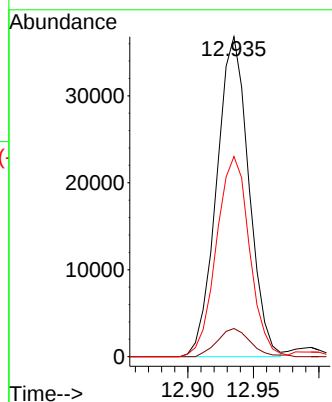
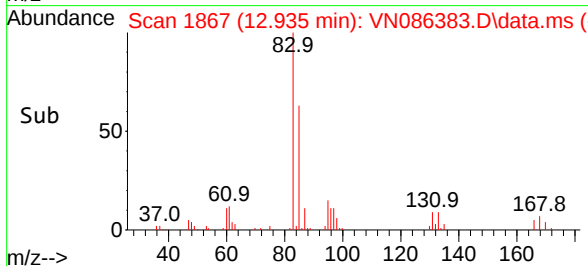
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBSD01



Tgt Ion: 83 Resp: 6285
Ion Ratio Lower Upper
83 100
131 9.0 4.5 13.7
85 64.2 31.7 95.1

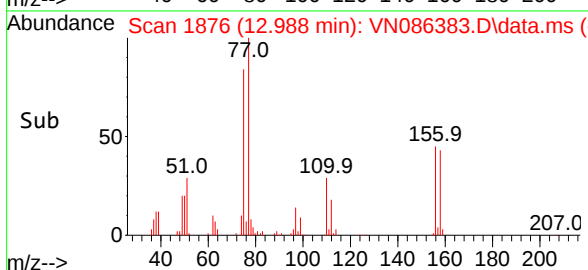
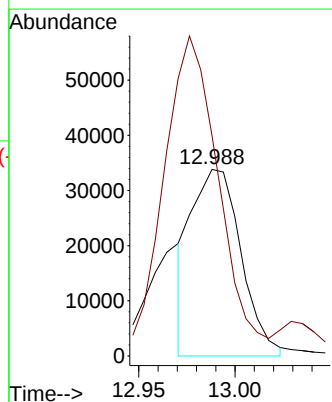
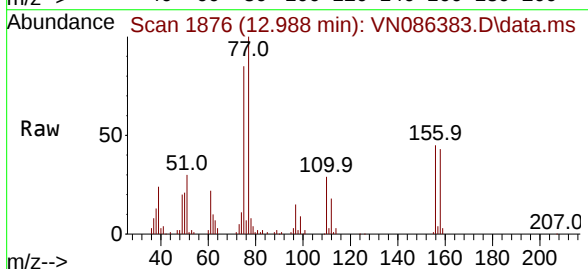
Manual Integrations
APPROVED

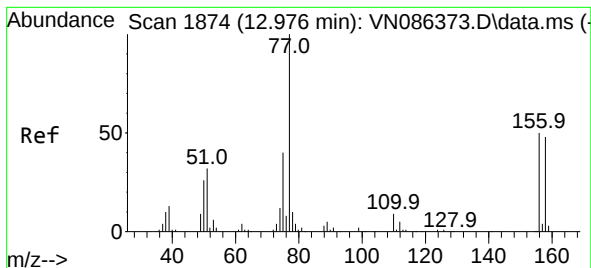
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#72
1,2,3-Trichloropropane
Concen: 24.395 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

Tgt Ion: 75 Resp: 60875
Ion Ratio Lower Upper
75 100
77 189.7 0.0 464.4





#73

Bromobenzene

Concen: 20.039 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN086383.D

Acq: 23 Apr 2025 15:36

Instrument :

MSVOA_N

ClientSampleId :

VN0423WBSD01

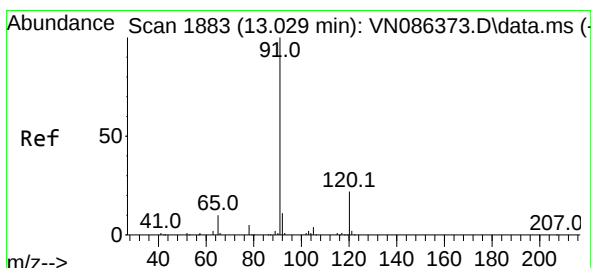
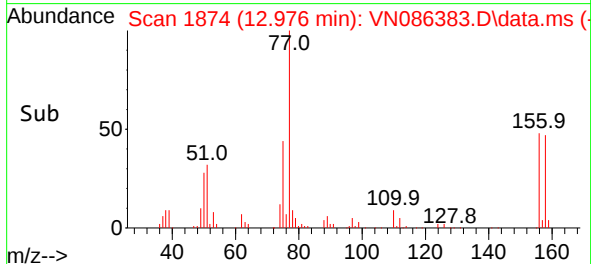
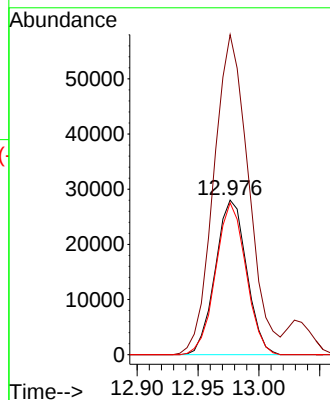
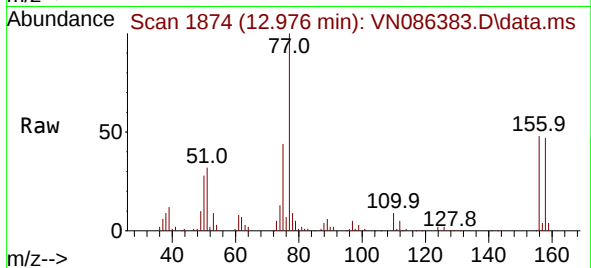
Tgt Ion:156 Resp: 50079
 Ion Ratio Lower Upper
 156 100
 77 230.6 0.0 463.4
 158 95.0 0.0 191.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#74

n-propylbenzene

Concen: 19.303 ug/l

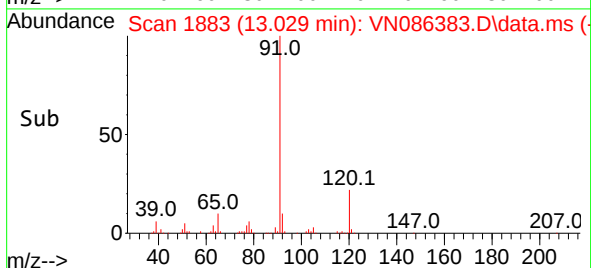
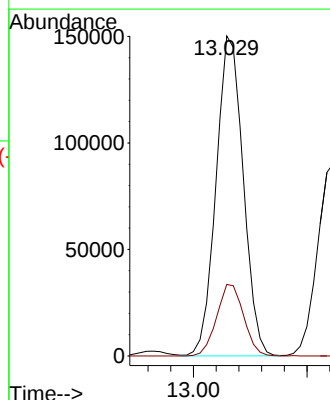
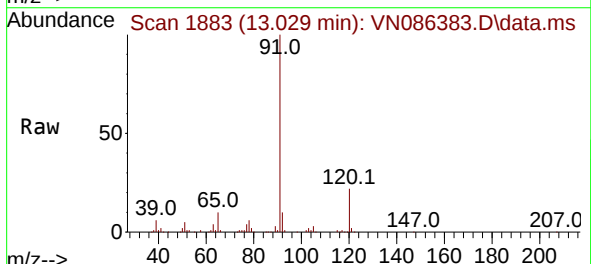
RT: 13.029 min Scan# 1883

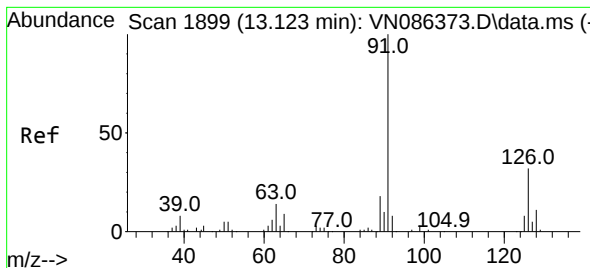
Delta R.T. -0.000 min

Lab File: VN086383.D

Acq: 23 Apr 2025 15:36

Tgt Ion: 91 Resp: 249334
 Ion Ratio Lower Upper
 91 100
 120 22.2 0.0 43.8





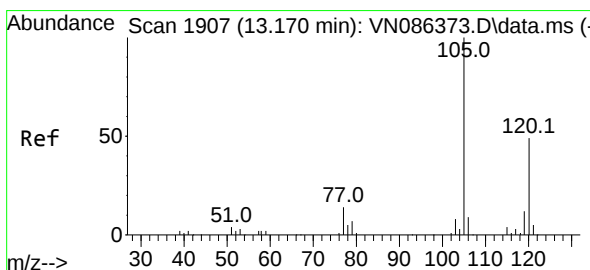
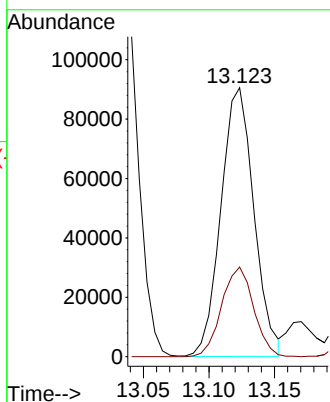
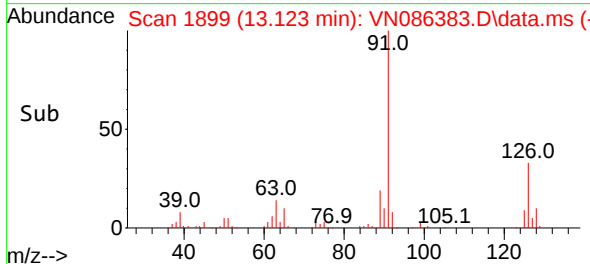
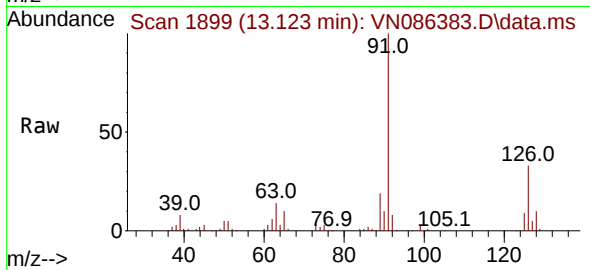
#75
2-Chlorotoluene
Concen: 19.668 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0423WBSD01

Tgt Ion: 91 Resp: 158594
Ion Ratio Lower Upper
91 100
126 32.3 0.0 65.0

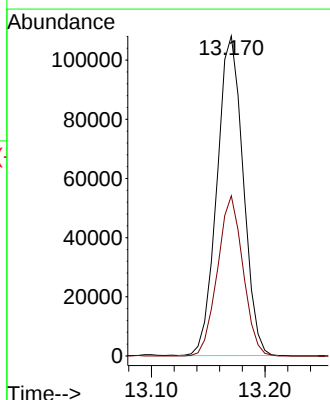
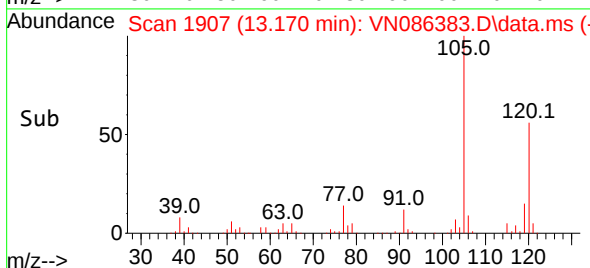
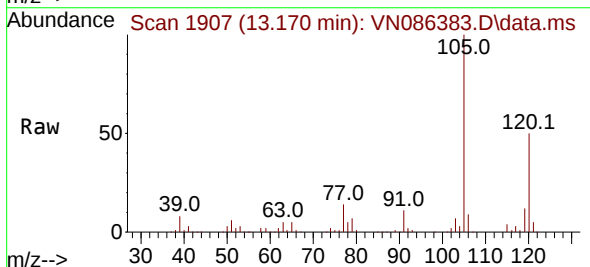
Manual Integrations
APPROVED

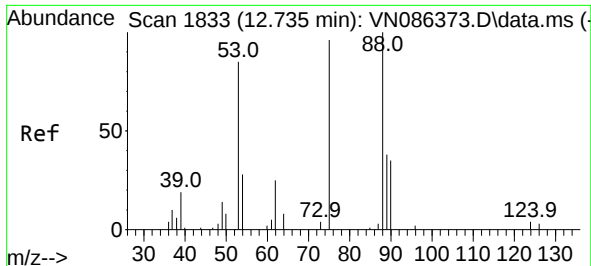
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#76
1,3,5-Trimethylbenzene
Concen: 19.411 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

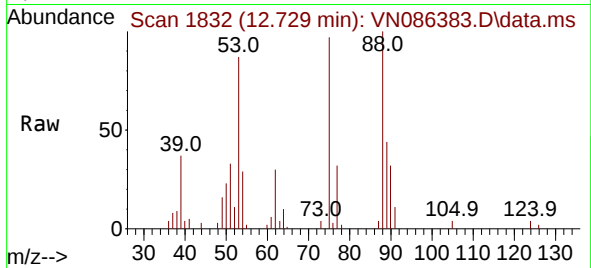
Tgt Ion:105 Resp: 173133
Ion Ratio Lower Upper
105 100
120 48.6 0.0 97.6





#77
t-1,4-Dichloro-2-butene
Concen: 19.581 ug/l
RT: 12.729 min Scan# 1832
Delta R.T. -0.006 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

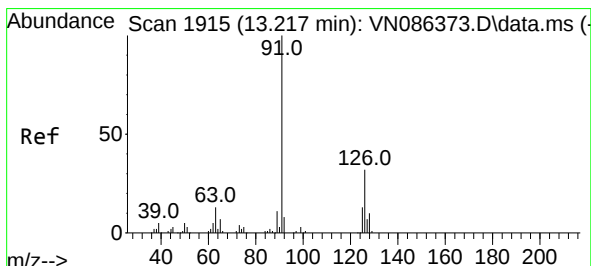
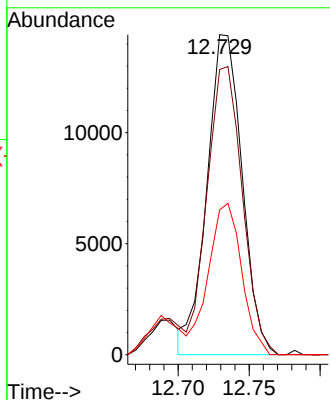
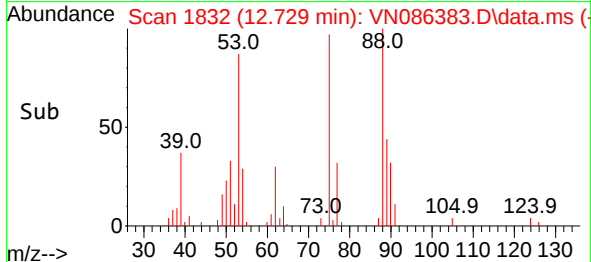
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBSD01



Tgt Ion: 75 Resp: 2479
Ion Ratio Lower Upper
75 100
53 89.1 46.0 138.0
89 45.3 21.6 64.6

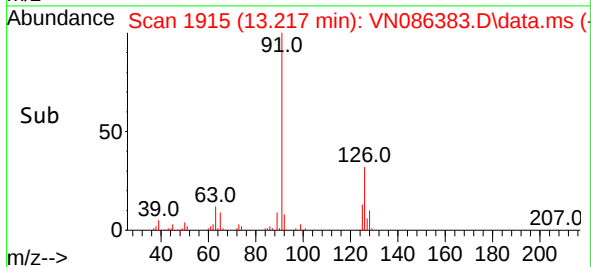
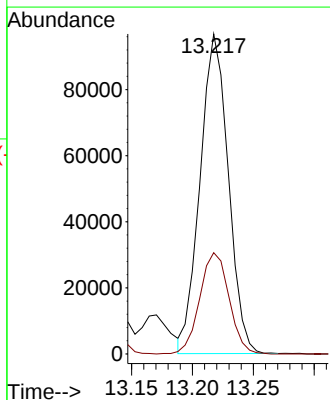
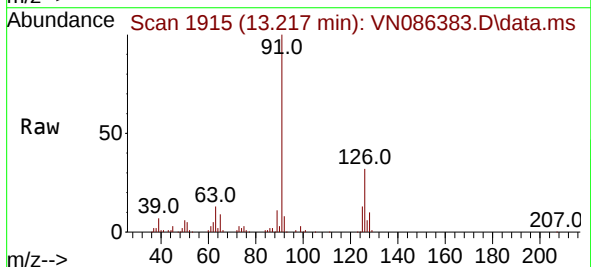
Manual Integrations
APPROVED

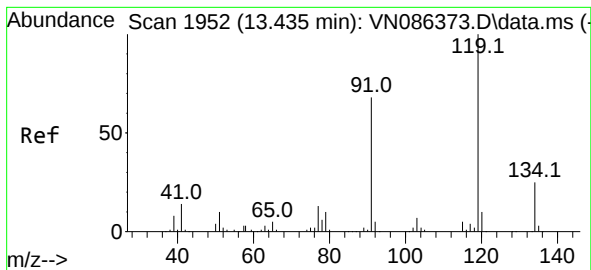
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#78
4-Chlorotoluene
Concen: 19.340 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

Tgt Ion: 91 Resp: 155927
Ion Ratio Lower Upper
91 100
126 32.9 0.0 65.4





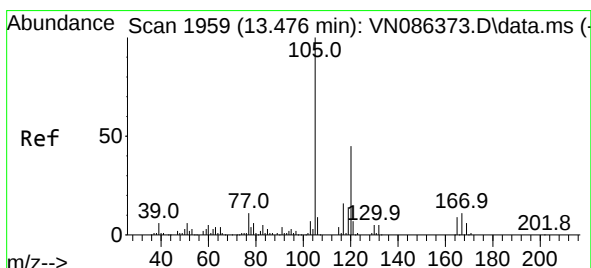
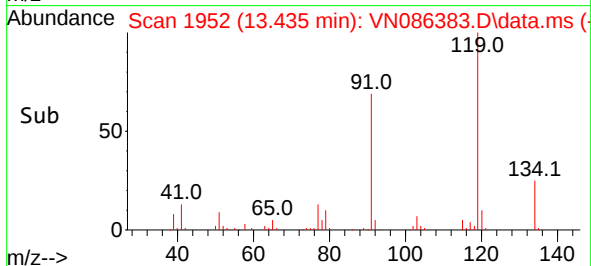
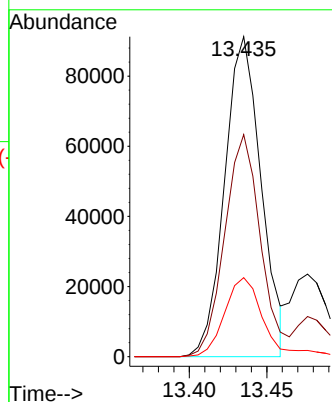
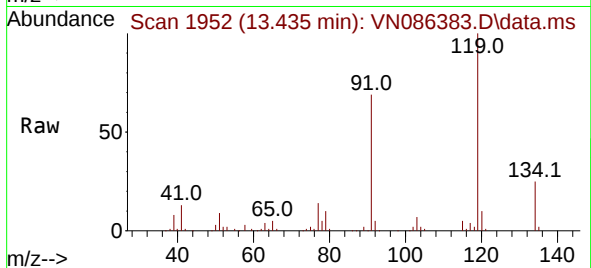
#79
tert-butylbenzene
Concen: 19.562 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0423WBSD01

Tgt Ion:119 Resp: 14942
Ion Ratio Lower Upper
119 100
91 68.6 0.0 137.4
134 24.9 0.0 49.2

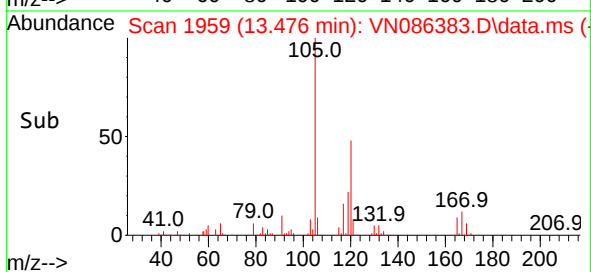
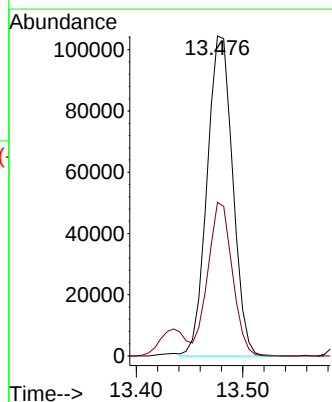
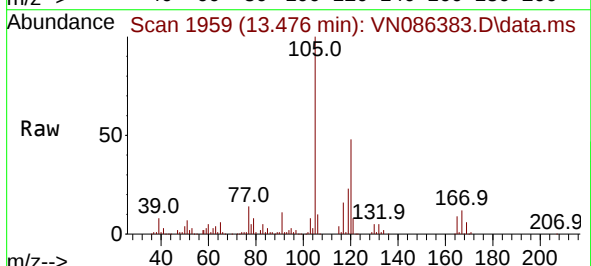
Manual Integrations
APPROVED

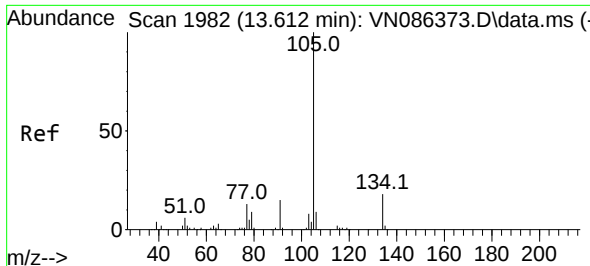
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#80
1,2,4-Trimethylbenzene
Concen: 19.194 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

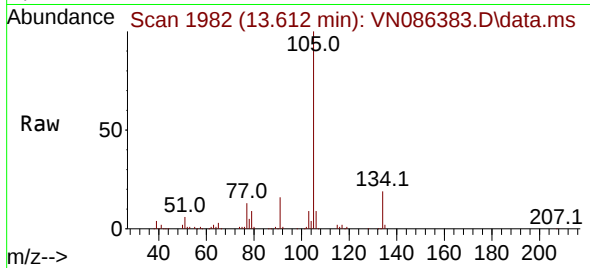
Tgt Ion:105 Resp: 174841
Ion Ratio Lower Upper
105 100
120 45.7 0.0 87.6





#81
 sec-Butylbenzene
 Concen: 19.222 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086383.D
 Acq: 23 Apr 2025 15:36

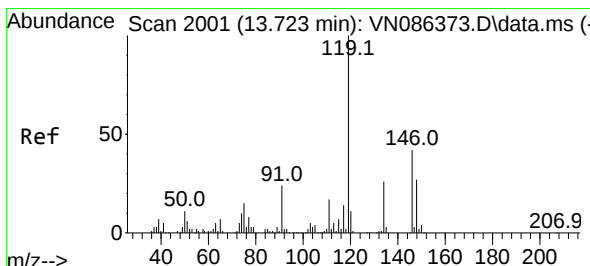
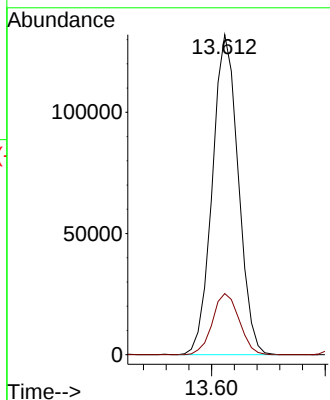
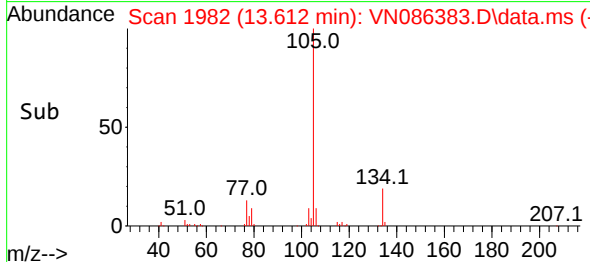
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0423WBSD01



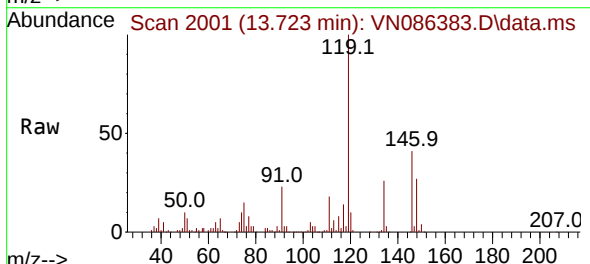
Tgt Ion:105 Resp: 209589
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 38.4

Manual Integrations
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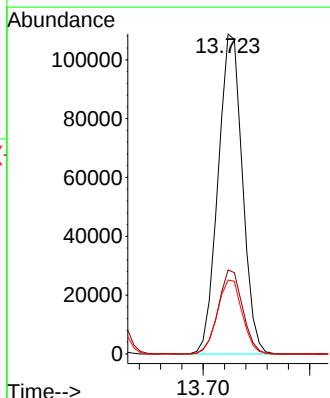
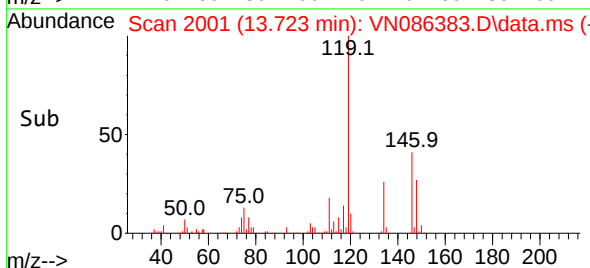
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025

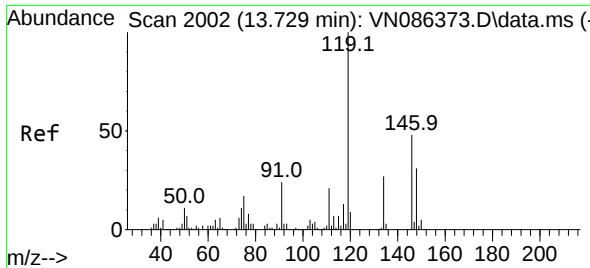


#82
 p-Isopropyltoluene
 Concen: 18.915 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086383.D
 Acq: 23 Apr 2025 15:36



Tgt Ion:119 Resp: 172579
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 52.2
 91 23.8 0.0 47.6





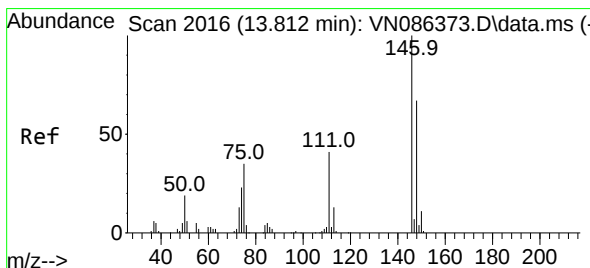
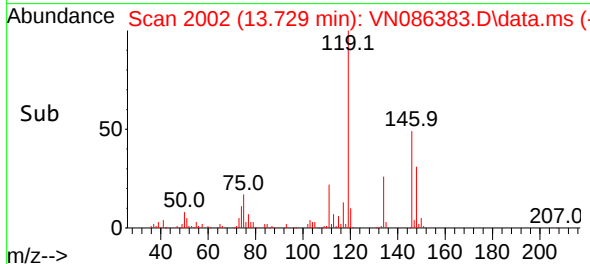
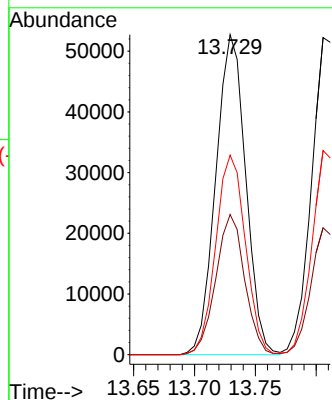
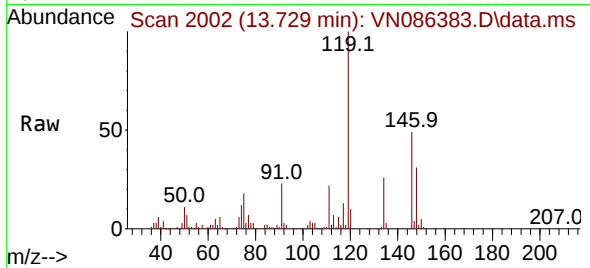
#83
1,3-Dichlorobenzene
Concen: 19.091 ug/l
RT: 13.729 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0423WBSD01

Tgt Ion:146 Resp: 90188
Ion Ratio Lower Upper
146 100
111 42.4 20.7 62.1
148 61.8 32.3 96.8

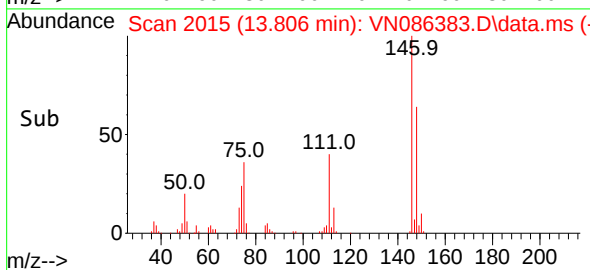
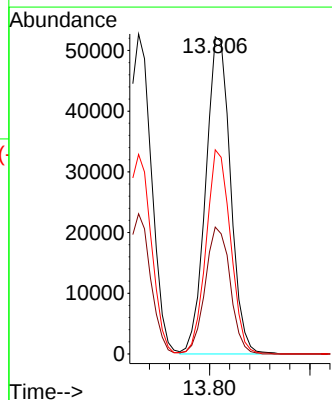
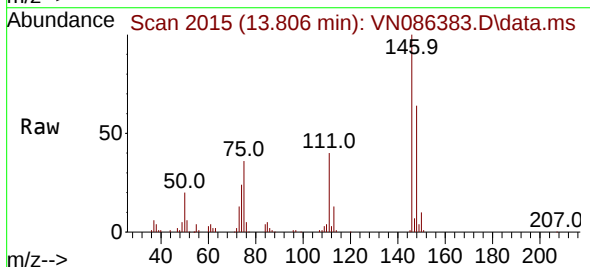
Manual Integrations
APPROVED

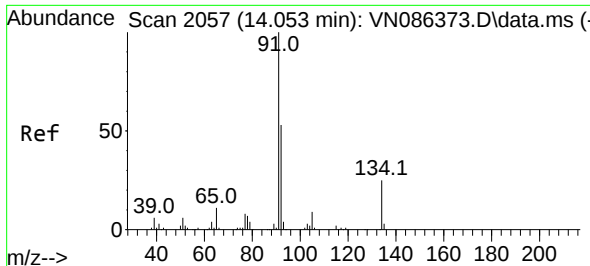
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#84
1,4-Dichlorobenzene
Concen: 19.240 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

Tgt Ion:146 Resp: 89803
Ion Ratio Lower Upper
146 100
111 40.3 20.3 60.8
148 63.4 32.4 97.2





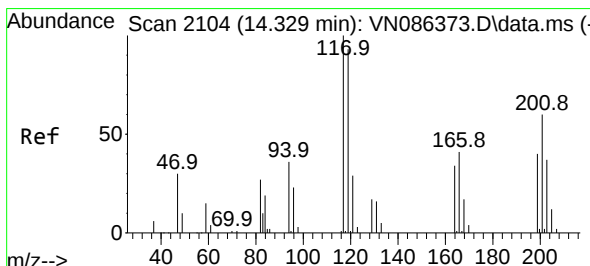
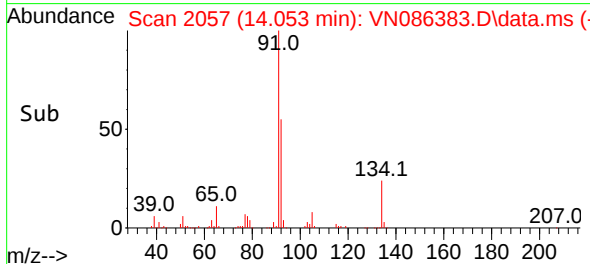
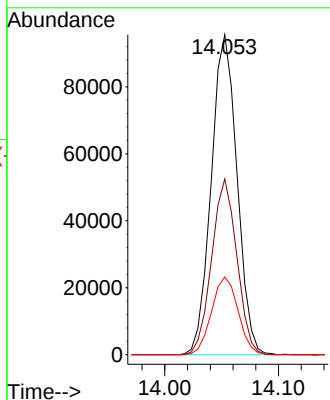
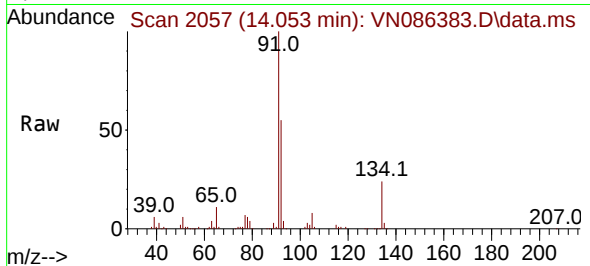
#85
n-Butylbenzene
Concen: 18.535 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0423WBSD01

Tgt Ion: 91 Resp: 150899
Ion Ratio Lower Upper
91 100
92 53.5 0.0 107.2
134 24.9 0.0 48.2

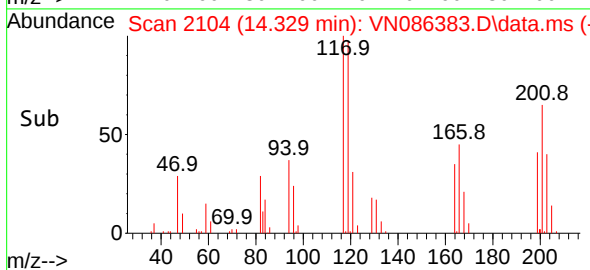
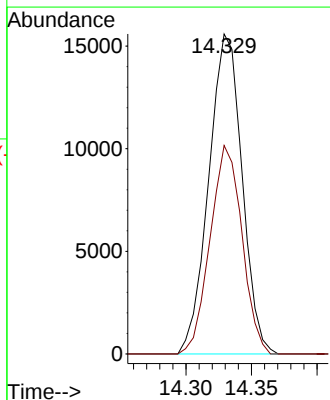
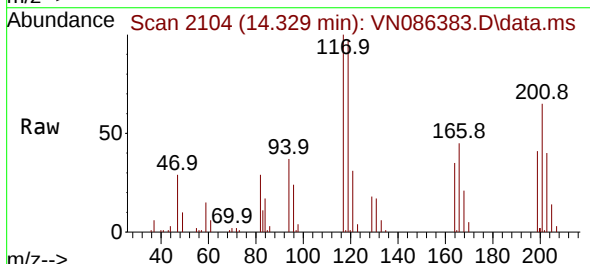
Manual Integrations
APPROVED

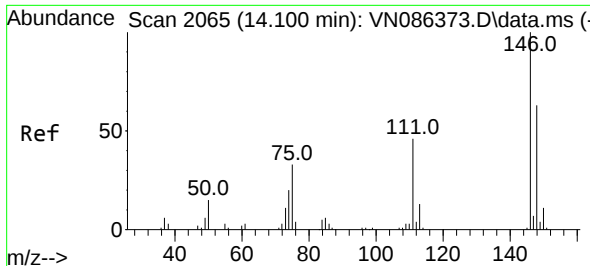
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#86
Hexachloroethane
Concen: 18.453 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

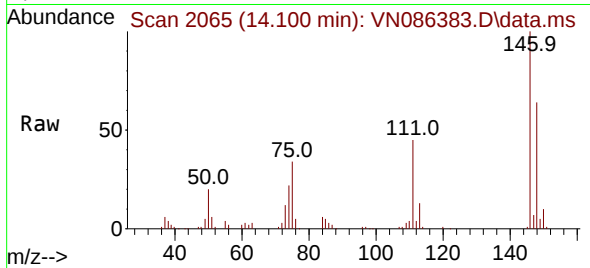
Tgt Ion:117 Resp: 27531
Ion Ratio Lower Upper
117 100
201 62.3 31.7 95.1





#87
1,2-Dichlorobenzene
Concen: 19.416 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

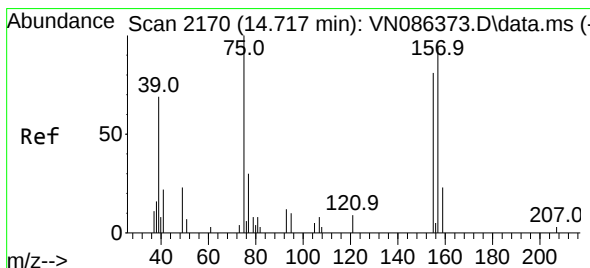
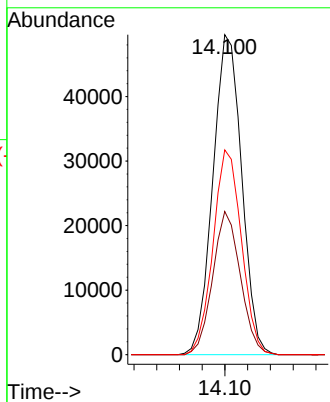
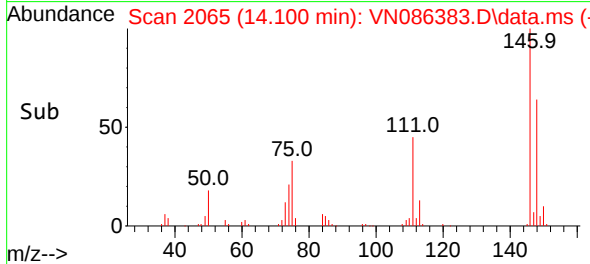
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBSD01



Tgt Ion:146 Resp: 87275
Ion Ratio Lower Upper
146 100
111 43.1 22.1 66.3
148 63.1 32.0 96.0

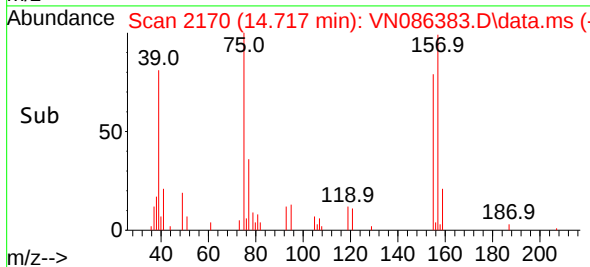
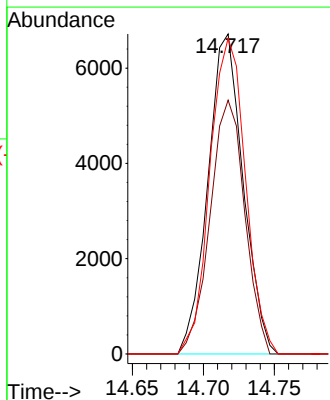
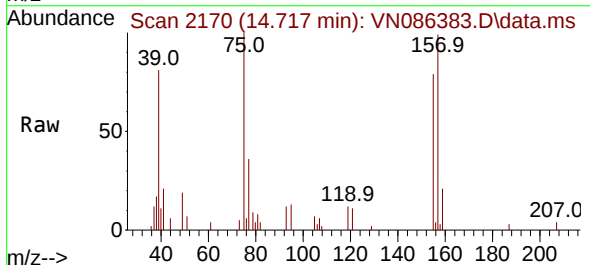
Manual Integrations
APPROVED

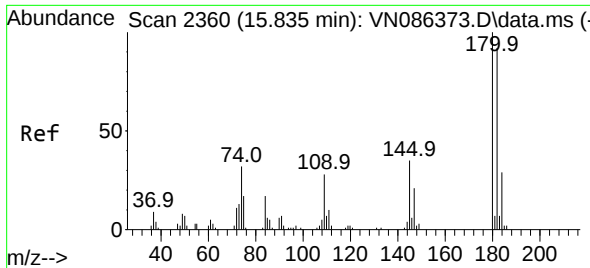
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.956 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

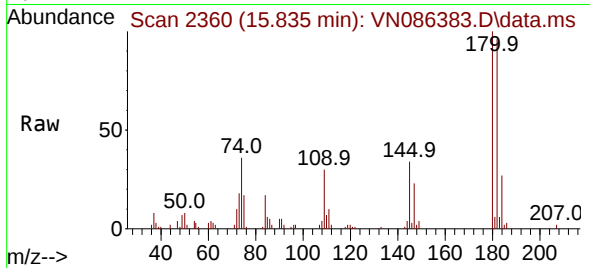
Tgt Ion: 75 Resp: 11610
Ion Ratio Lower Upper
75 100
155 77.8 64.0 96.0
157 99.3 78.2 117.4





#89
1,2,4-Trichlorobenzene
Concen: 19.595 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

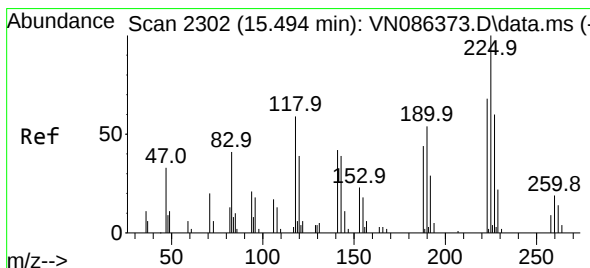
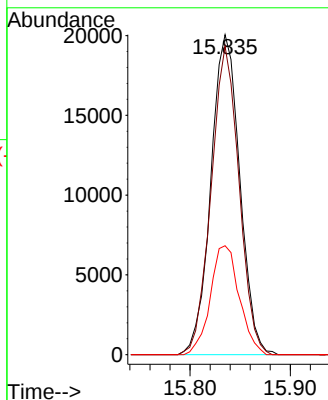
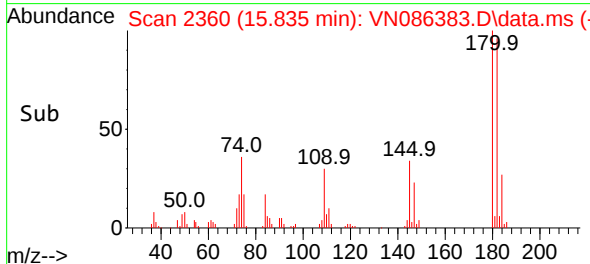
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBSD01



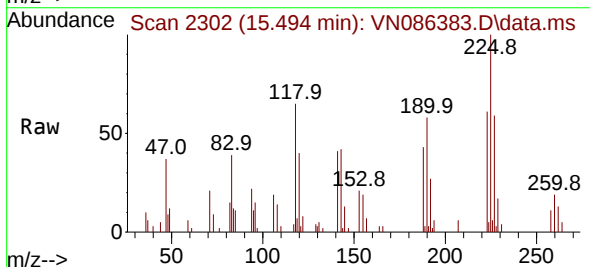
Tgt Ion:180 Resp: 4014
Ion Ratio Lower Upper
180 100
182 92.9 74.8 112.2
145 34.1 26.9 40.3

Manual Integrations
APPROVED

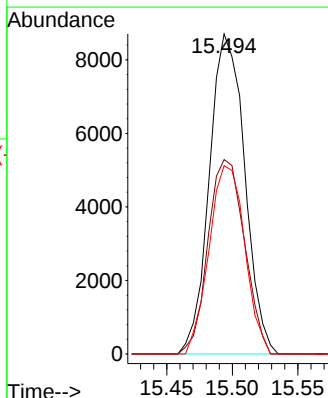
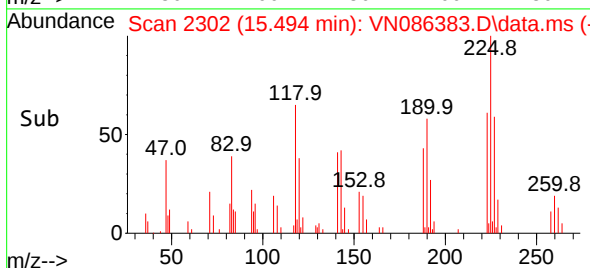
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

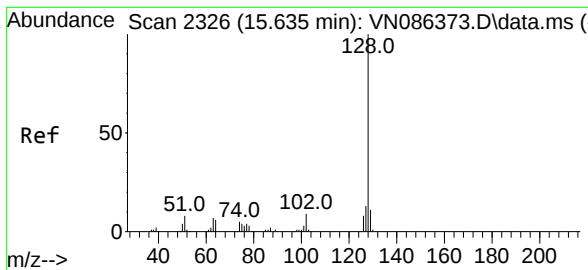


#90
Hexachlorobutadiene
Concen: 19.757 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36



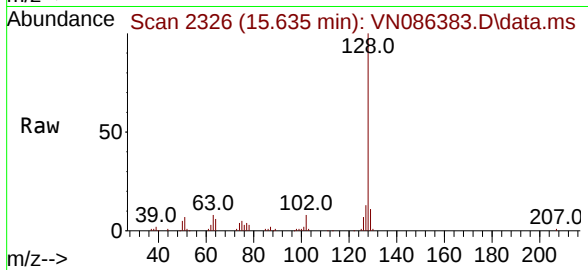
Tgt Ion:225 Resp: 16304
Ion Ratio Lower Upper
225 100
223 62.6 0.0 128.8
227 59.4 0.0 120.2





#91
Naphthalene
Concen: 20.292 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36

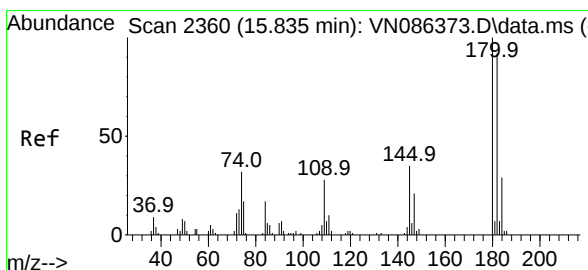
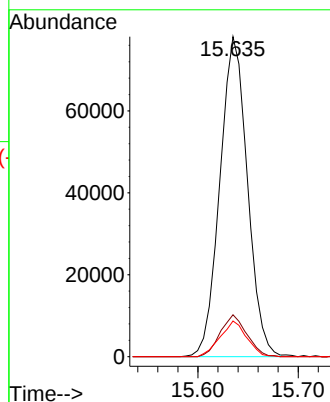
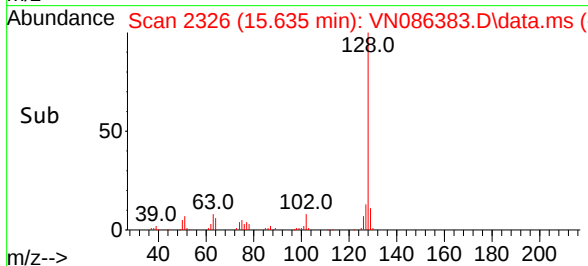
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBSD01



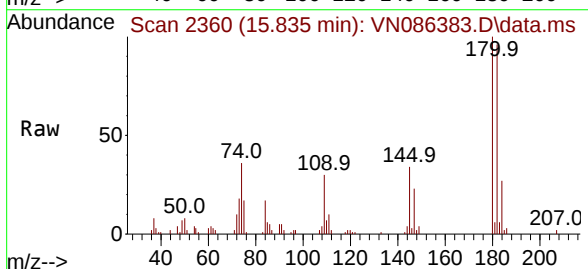
Tgt Ion:128 Resp: 148836
Ion Ratio Lower Upper
128 100
127 12.6 10.6 15.8
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#92
1,2,3-Trichlorobenzene
Concen: 19.595 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086383.D
Acq: 23 Apr 2025 15:36



Tgt Ion:180 Resp: 40145
Ion Ratio Lower Upper
180 100
182 92.9 0.0 187.0
145 34.1 0.0 67.2

