

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041125\
 Data File : VN086248.D
 Acq On : 11 Apr 2025 13:34
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN041125

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/14/2025
 Supervised By : Mahesh Dadoda 04/14/2025

Quant Time: Apr 12 01:24:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 12 01:21:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	31045	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	187987	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	165721	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	90166	29.777	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	99.267%	
60) 4-Bromofluorobenzene	12.847	95	97275	29.482	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	98.267%	
63) Toluene-d8	10.565	98	279650	29.890	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	99.633%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	53635	21.563	ug/l	100
3) Chloromethane	2.359	50	69535	20.226	ug/l	100
4) Vinyl Chloride	2.518	62	66222	20.223	ug/l	99
5) Bromomethane	2.965	94	32967	20.183	ug/l	98
6) Chloroethane	3.124	64	42684	20.642	ug/l	99
7) Trichlorofluoromethane	3.501	101	72724	20.473	ug/l	99
8) Diethyl Ether	3.959	74	33215	20.276	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	43944	20.062	ug/l	99
10) 1,1-Dichloroethene	4.348	96	47582	20.128	ug/l	99
11) Methyl Iodide	4.589	142	54740	20.148	ug/l	97
12) Methyl Acetate	5.024	43	64185	19.227	ug/l	98
13) Acrolein	4.177	56	33914	89.375	ug/l	98
14) Acrylonitrile	5.718	53	135274	95.988	ug/l	97
15) Acetone	4.424	58	33542	93.868	ug/l	92
16) Carbon Disulfide	4.712	76	138661	20.456	ug/l	100
17) Allyl chloride	5.024	41	85704	20.801	ug/l	98
18) Methylene Chloride	5.277	84	54353	20.166	ug/l	99
19) trans-1,2-Dichloroethene	5.789	96	48899	19.638	ug/l	96
20) Diisopropyl ether	6.665	45	183254	20.688	ug/l	99
21) 1,1-Dichloroethane	6.565	63	97247	20.578	ug/l	100
22) cis-1,2-Dichloroethene	7.483	96	59840	20.174	ug/l	98
23) tert-Butyl Alcohol	5.512	59	56480	96.723	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	172426	20.211	ug/l	98
25) Chloroform	7.965	83	93183	20.677	ug/l	100
26) Cyclohexane	8.253	56	88041	19.913	ug/l #	100
29) 1,1-Dichloropropene	8.371	75	68608	20.373	ug/l	99
30) 2-Butanone	7.483	43	184728	98.995	ug/l	99
31) 2,2-Dichloropropane	7.489	77	87512	21.111	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	77645	20.044	ug/l	100
33) Carbon Tetrachloride	8.359	117	63029	20.360	ug/l	99
34) Benzene	8.600	78	219862	20.522	ug/l #	95
35) Methacrylonitrile	7.777	41	41577	19.764	ug/l	99
36) 1,2-Dichloroethane	8.671	62	68362	20.391	ug/l	100
37) Trichloroethene	9.353	130	51292	19.842	ug/l	94
38) Methylcyclohexane	9.594	83	83168	20.137	ug/l	98
39) 1,2-Dichloropropane	9.618	63	55116	20.675	ug/l	97
40) Dibromomethane	9.706	93	33887	19.681	ug/l	98
41) Bromodichloromethane	9.882	83	75048	20.289	ug/l	99
42) Vinyl Acetate	6.600	43	657878	103.572	ug/l	100

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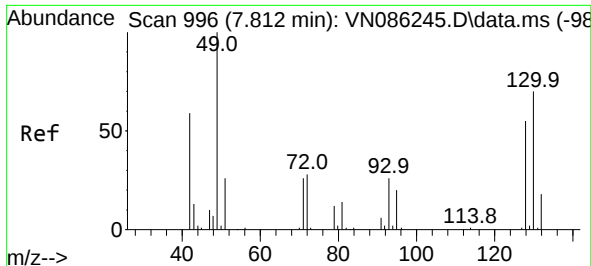
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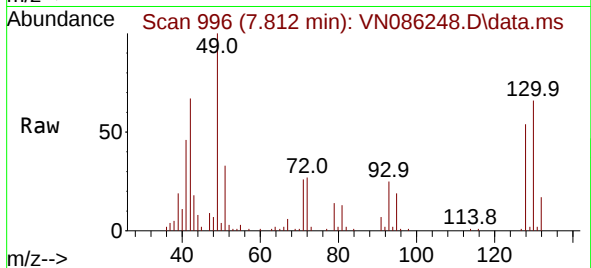
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	75482	20.054	ug/l	98
44) Isopropyl Acetate	8.683	43	141640	20.285	ug/l	99
45) 1,4-Dioxane	9.694	88	20541	369.952	ug/l #	92
46) Methyl methacrylate	9.677	41	61396	19.956	ug/l	97
47) n-amyl Acetate	12.488	43	108446	19.589	ug/l	99
48) t-1,3-Dichloropropene	10.835	75	84428	20.190	ug/l	96
49) cis-1,3-Dichloropropene	10.312	75	91089	20.581	ug/l	98
50) 1,1,2-Trichloroethane	11.012	97	47672	19.741	ug/l	97
51) Ethyl methacrylate	10.871	69	90916	20.259	ug/l	95
52) 1,3-Dichloropropane	11.159	76	87015	20.216	ug/l	100
53) Dibromochloromethane	11.359	129	52628	19.923	ug/l	97
54) 1,2-Dibromoethane	11.471	107	48175	19.762	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	225521	132.990	ug/l	100
56) Bromoform	12.576	173	33456	19.359	ug/l	97
58) 4-Methyl-2-Pentanone	10.441	43	381072	101.329	ug/l	100
59) 2-Hexanone	11.194	43	284098	101.451	ug/l	99
61) Tetrachloroethene	11.100	164	49360	20.169	ug/l	96
62) Toluene	10.630	91	228625	20.568	ug/l	100
64) Chlorobenzene	11.888	112	138700	20.424	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.959	131	46048	20.546	ug/l	99
66) Ethyl Benzene	11.959	91	250686	20.336	ug/l	98
67) m/p-Xylenes	12.065	106	186247	40.633	ug/l	100
68) o-Xylene	12.394	106	92550	20.528	ug/l	98
69) Styrene	12.406	104	154208	20.281	ug/l	99
70) Isopropylbenzene	12.694	105	225389	20.275	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	64915	20.516	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	64339m	19.534	ug/l	
73) Bromobenzene	12.976	156	48932	19.870	ug/l	99
74) n-propylbenzene	13.035	91	265507	20.227	ug/l	100
75) 2-Chlorotoluene	13.123	91	164538	19.943	ug/l	99
76) 1,3,5-Trimethylbenzene	13.171	105	185869	20.354	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	29750	19.590	ug/l	93
78) 4-Chlorotoluene	13.218	91	160908	19.528	ug/l	99
79) tert-butylbenzene	13.435	119	158200	20.021	ug/l	100
80) 1,2,4-Trimethylbenzene	13.476	105	185022	19.981	ug/l	99
81) sec-Butylbenzene	13.612	105	222043	20.145	ug/l	99
82) p-Isopropyltoluene	13.729	119	183515	19.959	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	87179	19.047	ug/l	99
84) 1,4-Dichlorobenzene	13.806	146	86888	18.923	ug/l	99
85) n-Butylbenzene	14.053	91	164471	19.828	ug/l	99
86) Hexachloroethane	14.329	117	29849	19.245	ug/l	99
87) 1,2-Dichlorobenzene	14.100	146	84631	18.727	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	13051	18.109	ug/l	96
89) 1,2,4-Trichlorobenzene	15.841	180	41396	18.826	ug/l	98
90) Hexachlorobutadiene	15.494	225	16389	17.262	ug/l	99
91) Naphthalene	15.635	128	157404	18.155	ug/l	100
92) 1,2,3-Trichlorobenzene	15.841	180	41396	18.826	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

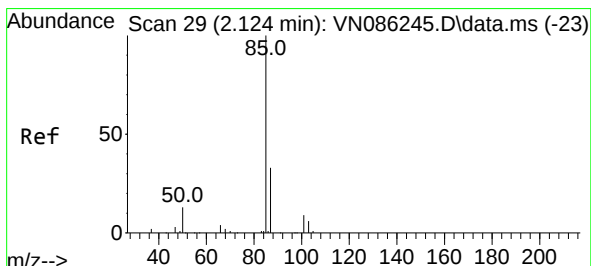
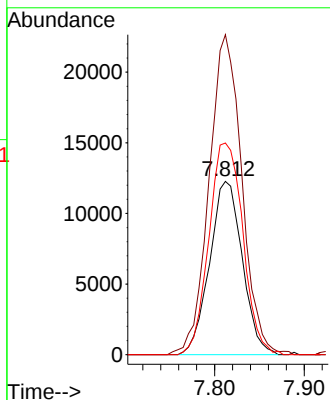
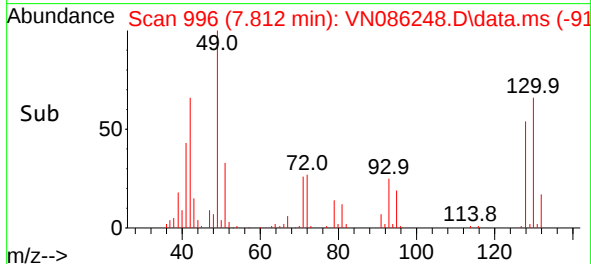
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041125



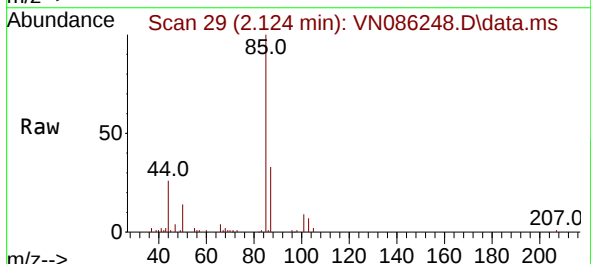
Tgt Ion:128 Resp: 31045
Ion Ratio Lower Upper
128 100
49 184.6 0.0 452.5
130 126.9 0.0 315.0

Manual Integrations
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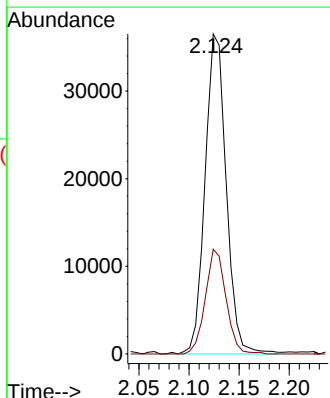
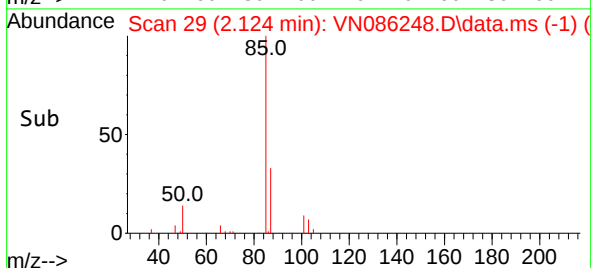
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

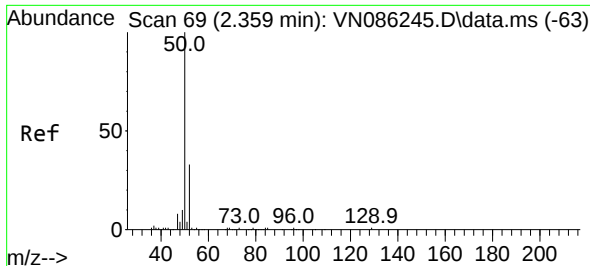


#2
Dichlorodifluoromethane
Concen: 21.563 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34



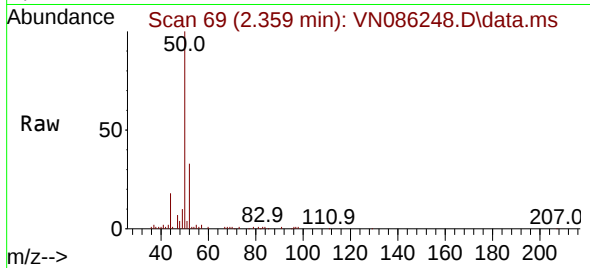
Tgt Ion: 85 Resp: 53635
Ion Ratio Lower Upper
85 100
87 32.7 16.3 48.9





#3
Chloromethane
Concen: 20.226 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

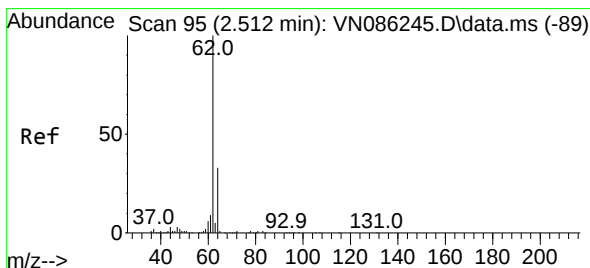
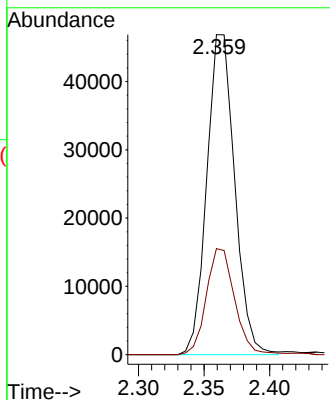
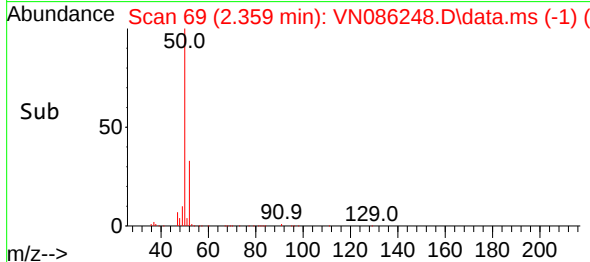
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041125



Tgt Ion: 50 Resp: 6953
Ion Ratio Lower Upper
50 100
52 33.2 26.4 39.6

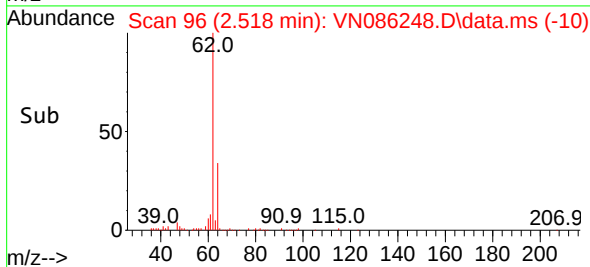
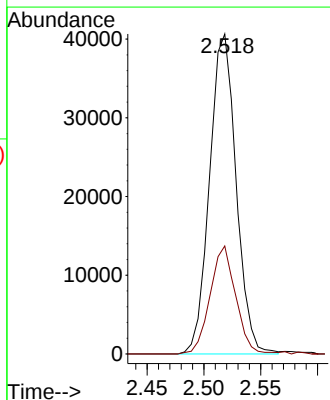
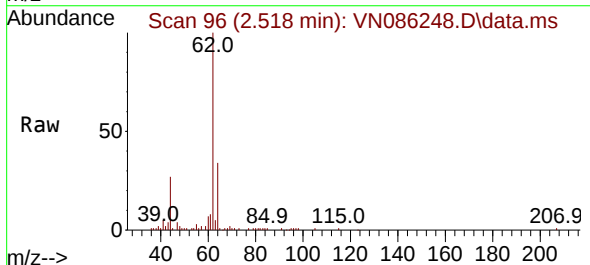
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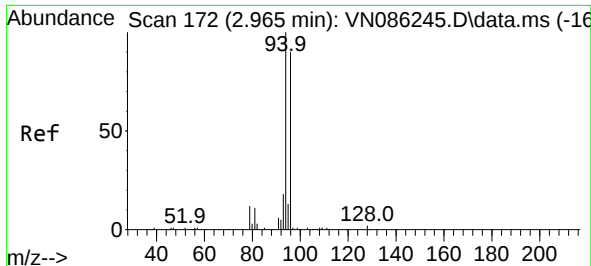
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#4
Vinyl Chloride
Concen: 20.223 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

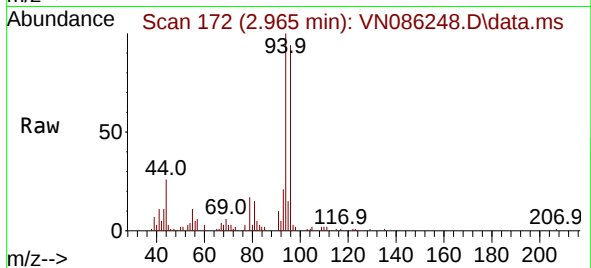
Tgt Ion: 62 Resp: 66222
Ion Ratio Lower Upper
62 100
64 33.7 26.3 39.5





#5
Bromomethane
Concen: 20.183 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

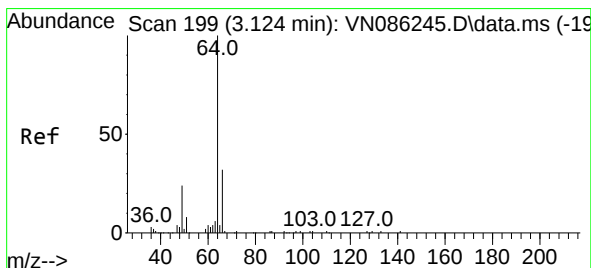
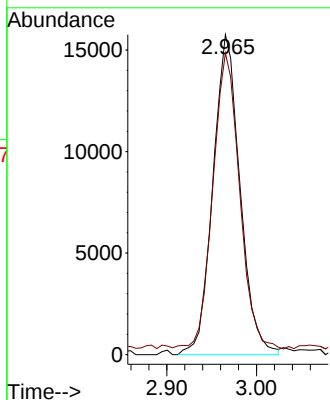
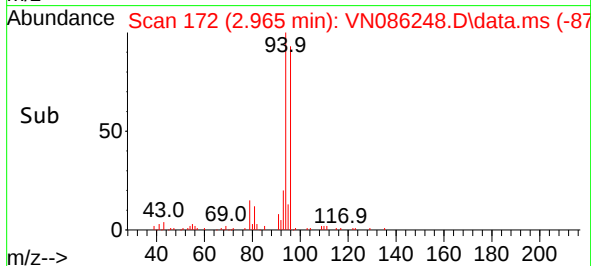
Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 3296
Ion Ratio Lower Upper
94 100
96 91.9 72.2 108.2

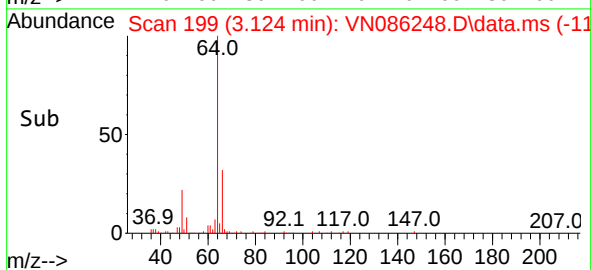
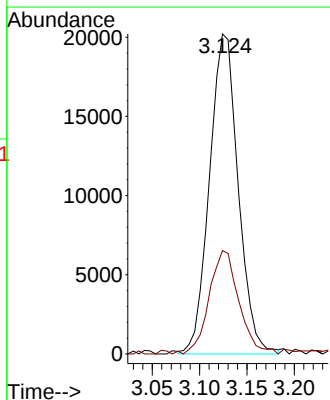
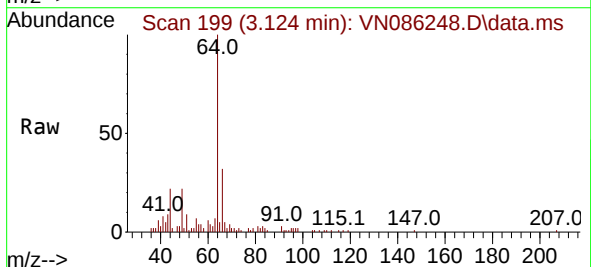
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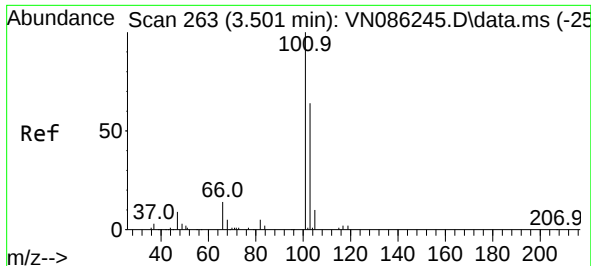
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#6
Chloroethane
Concen: 20.642 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

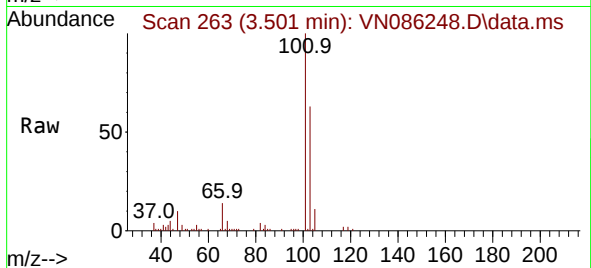
Tgt Ion: 64 Resp: 42684
Ion Ratio Lower Upper
64 100
66 32.6 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 20.473 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN086248.D
 Acq: 11 Apr 2025 13:34

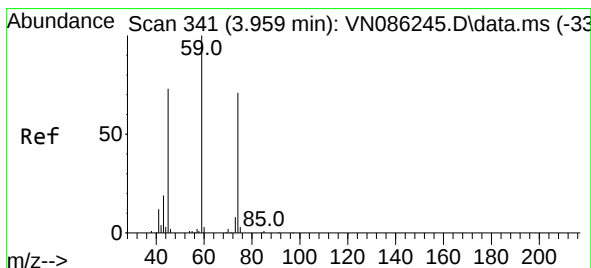
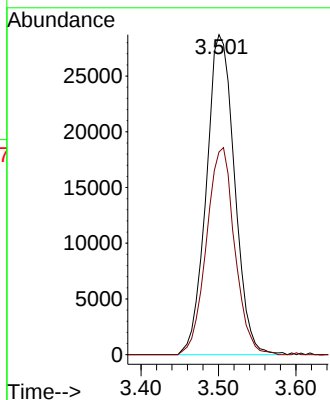
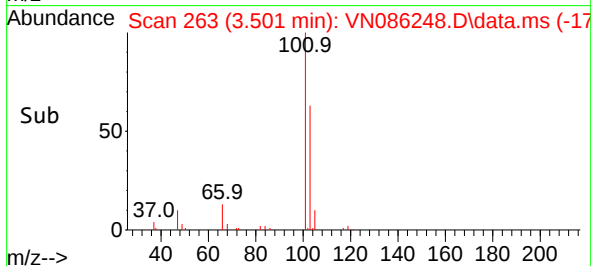
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Tgt Ion:101 Resp: 72724
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.2 76.8

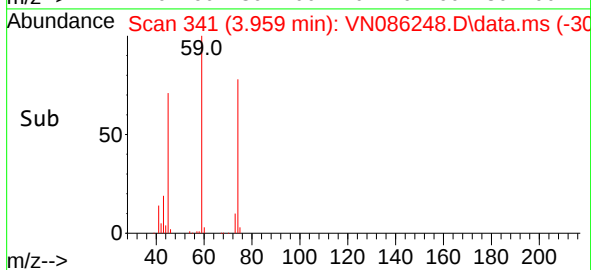
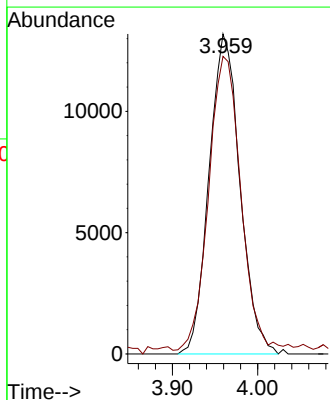
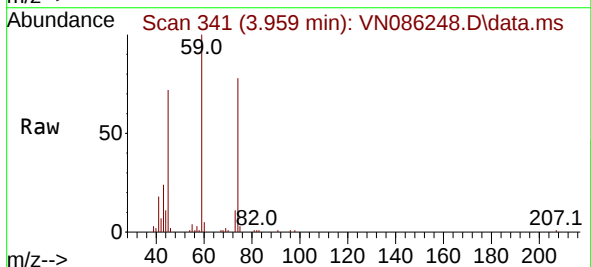
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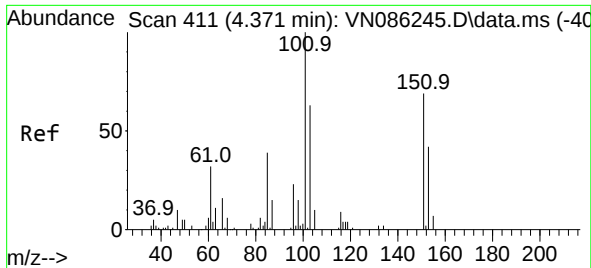
Reviewed By :John Carlone 04/14/2025
 Supervised By :Mahesh Dadoda 04/14/2025



#8
 Diethyl Ether
 Concen: 20.276 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN086248.D
 Acq: 11 Apr 2025 13:34

Tgt Ion: 74 Resp: 33215
 Ion Ratio Lower Upper
 74 100
 45 96.4 19.2 173.2





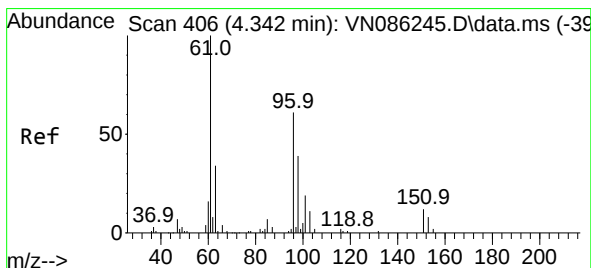
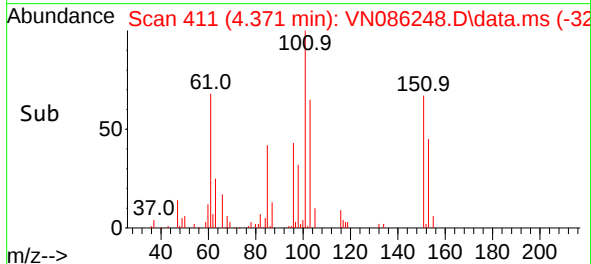
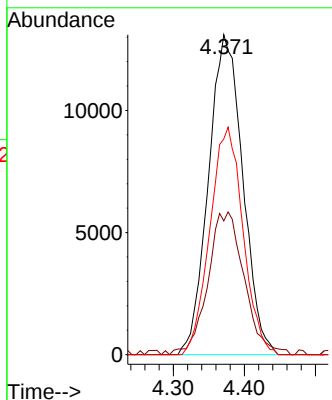
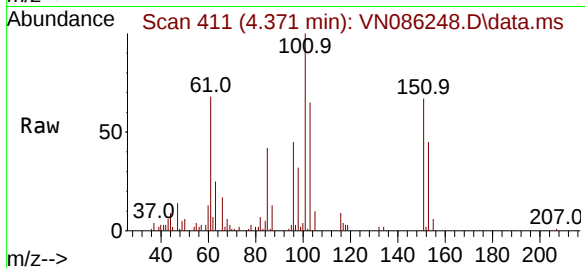
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.062 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VN086248.D
 Acq: 11 Apr 2025 13:34

Instrument :
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 ICVVN041125

Tgt Ion:101 Resp: 43944
 Ion Ratio Lower Upper
 101 100
 85 46.6 0.0 93.0
 151 68.6 0.0 138.6

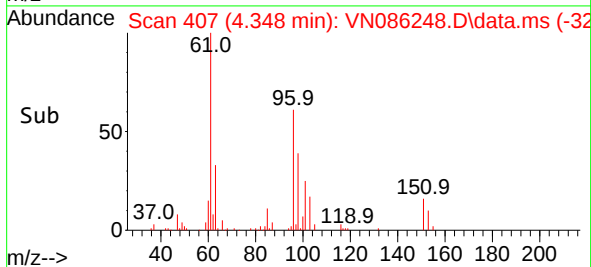
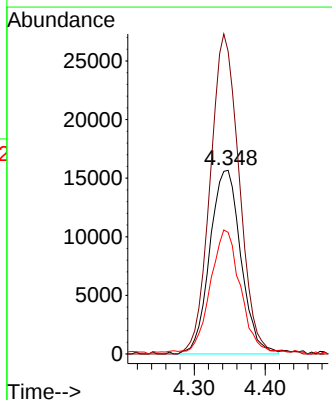
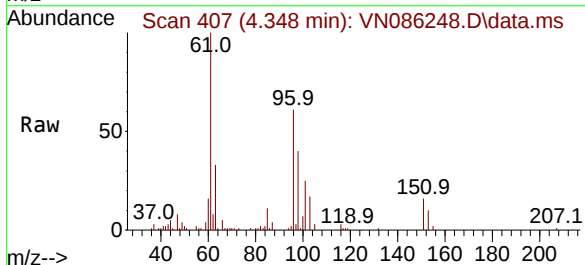
Manual Integrations
 APPROVED

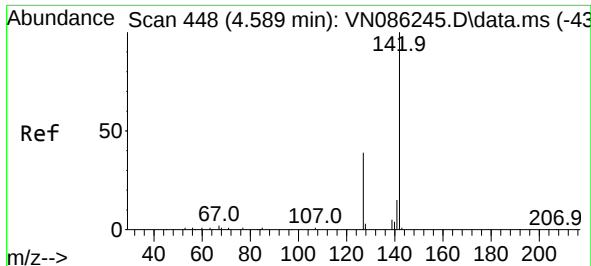
Reviewed By :John Carlone 04/14/2025
 Supervised By :Mahesh Dadoda 04/14/2025



#10
 1,1-Dichloroethene
 Concen: 20.128 ug/l
 RT: 4.348 min Scan# 407
 Delta R.T. 0.006 min
 Lab File: VN086248.D
 Acq: 11 Apr 2025 13:34

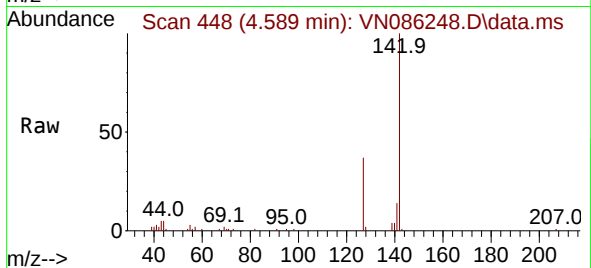
Tgt Ion: 96 Resp: 47582
 Ion Ratio Lower Upper
 96 100
 61 164.7 131.1 196.7
 98 64.7 51.6 77.4





#11
Methyl Iodide
Concen: 20.148 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

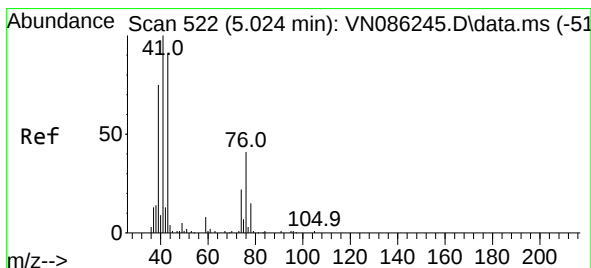
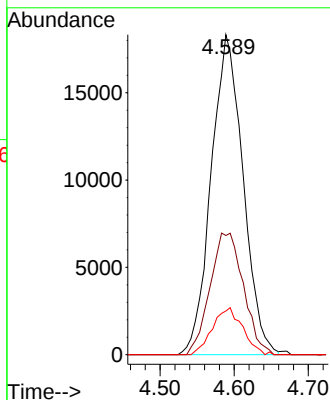
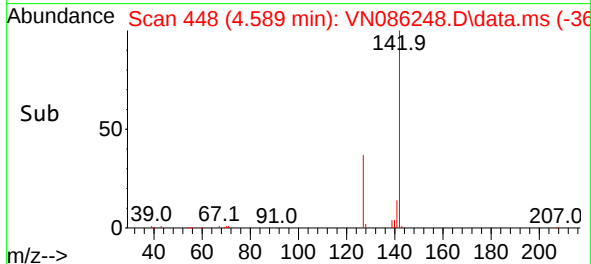
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041125



Tgt Ion:142 Resp: 54740
Ion Ratio Lower Upper
142 100
127 37.4 19.6 58.8
141 13.7 7.3 21.9

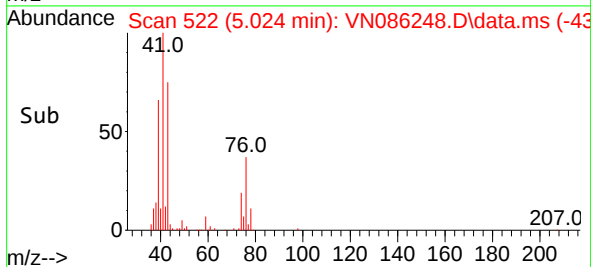
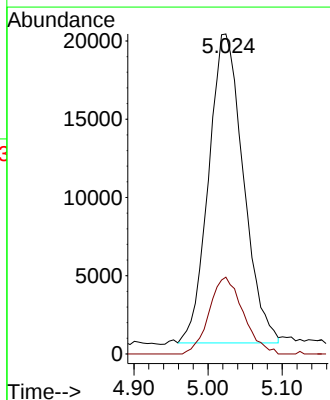
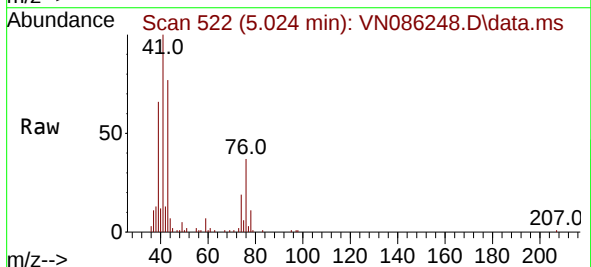
Manual Integrations
APPROVED

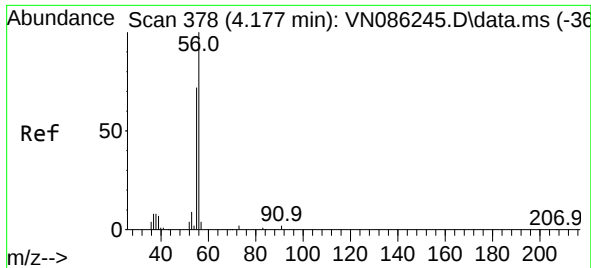
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#12
Methyl Acetate
Concen: 19.227 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

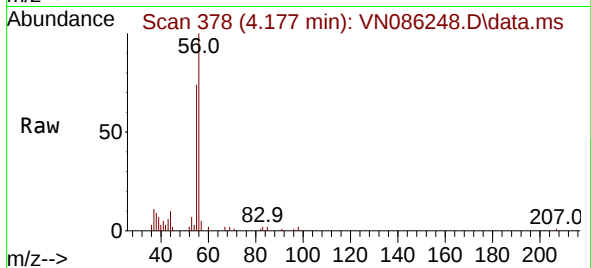
Tgt Ion: 43 Resp: 64185
Ion Ratio Lower Upper
43 100
74 25.1 19.1 28.7





#13
Acrolein
Concen: 89.375 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

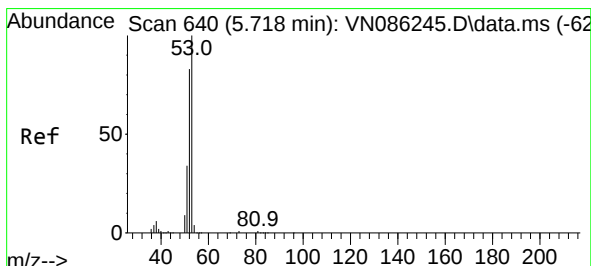
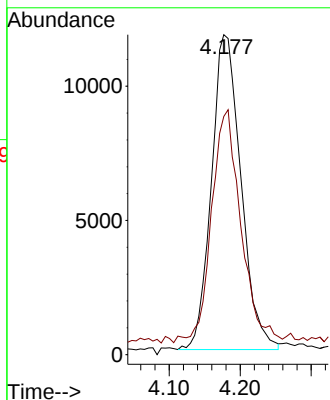
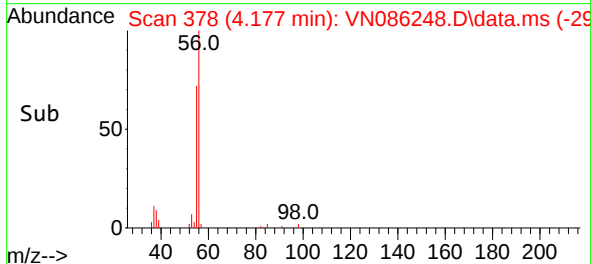
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041125



Tgt Ion: 56 Resp: 33914
Ion Ratio Lower Upper
56 100
55 71.9 56.5 84.7

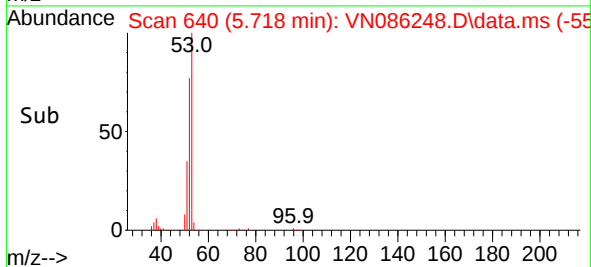
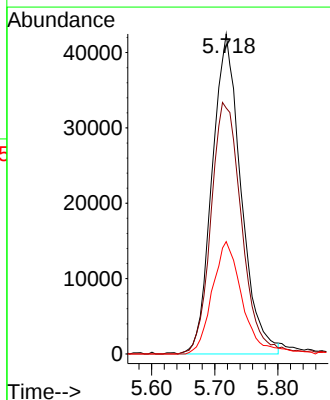
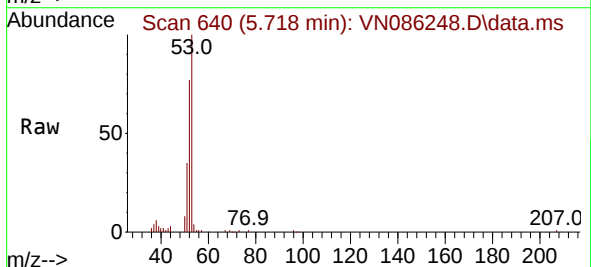
Manual Integrations
APPROVED

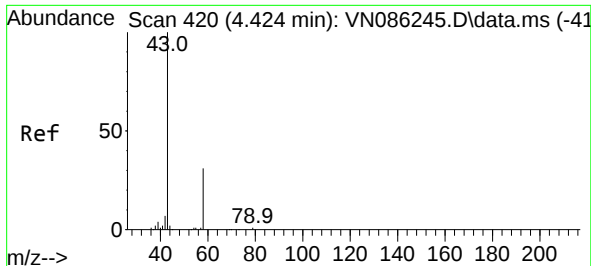
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#14
Acrylonitrile
Concen: 95.988 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

Tgt Ion: 53 Resp: 135274
Ion Ratio Lower Upper
53 100
52 83.3 40.2 120.6
51 36.4 17.5 52.6





#15

Acetone

Concen: 93.868 ug/l

RT: 4.424 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN086248.D

Acq: 11 Apr 2025 13:34

Instrument :

MSVOA_N

ClientSampleId :

ICVVN041125

Tgt Ion: 58 Resp: 3354

Ion Ratio Lower Upper

58 100

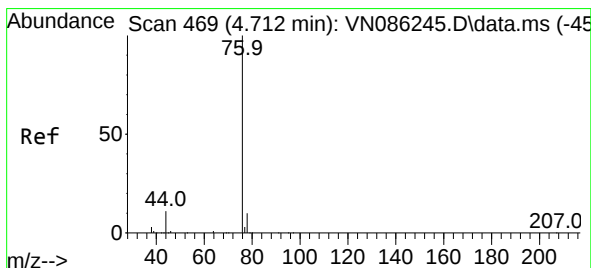
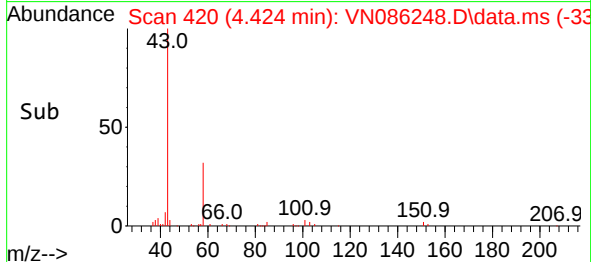
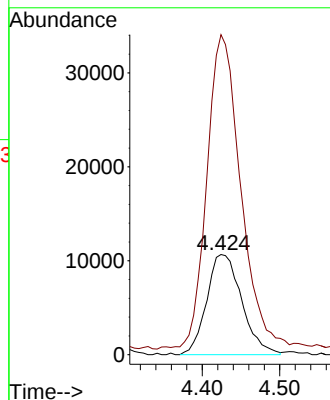
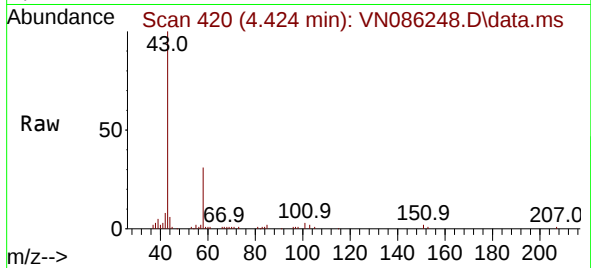
43 311.7 261.8 392.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#16

Carbon Disulfide

Concen: 20.456 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN086248.D

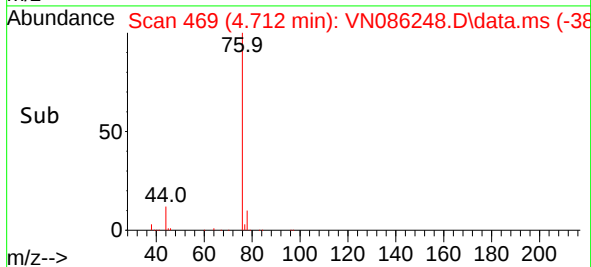
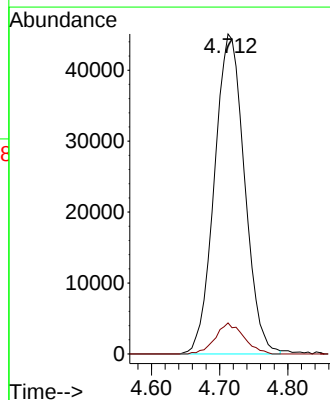
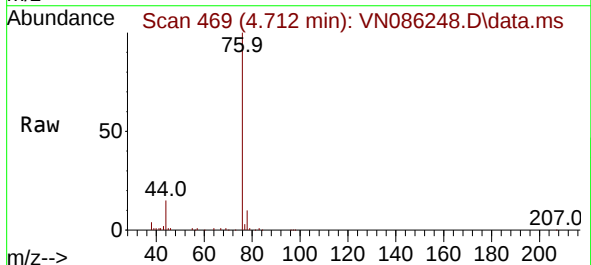
Acq: 11 Apr 2025 13:34

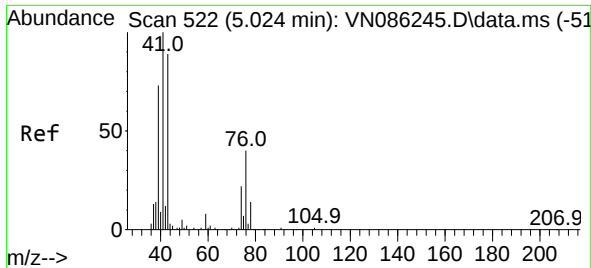
Tgt Ion: 76 Resp: 138661

Ion Ratio Lower Upper

76 100

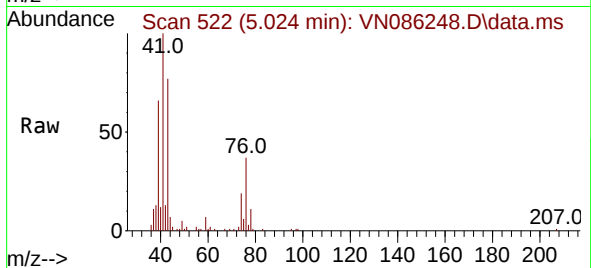
78 9.7 7.7 11.5





#17
 Allyl chloride
 Concen: 20.801 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN086248.D
 Acq: 11 Apr 2025 13:34

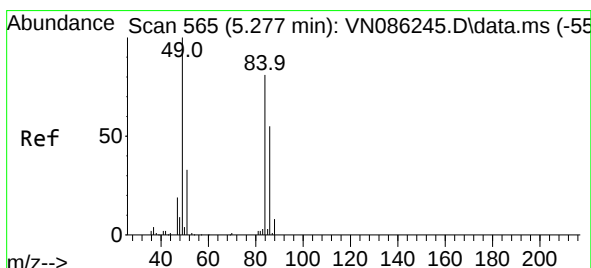
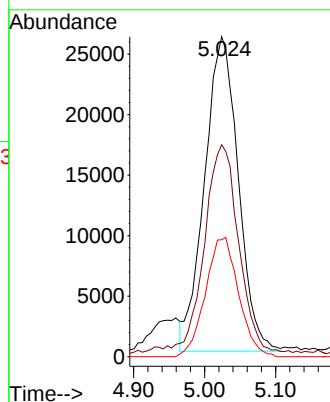
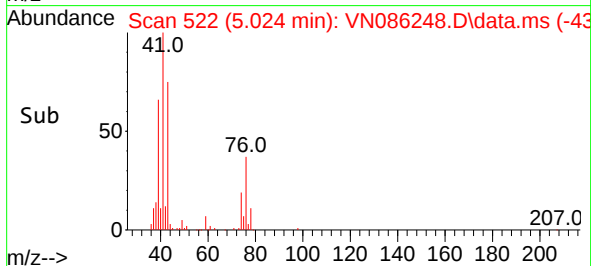
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN041125



Tgt Ion:	41	Resp:	85704
Ion	Ratio	Lower	Upper
41	100		
39	66.3	34.4	103.2
76	37.5	18.8	56.3

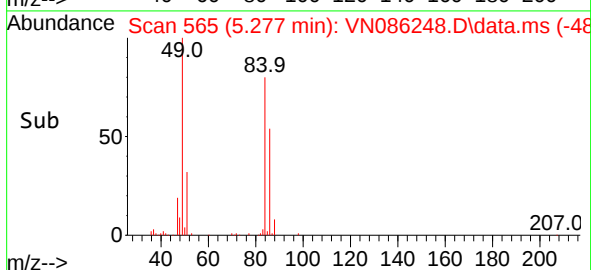
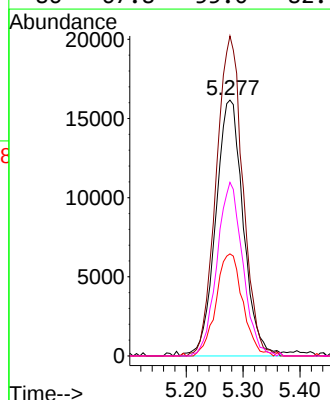
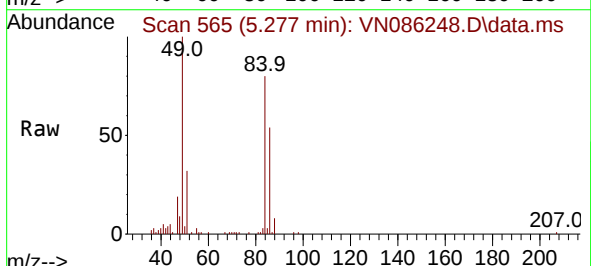
Manual Integrations
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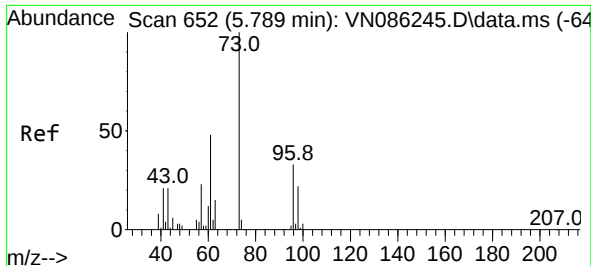
Reviewed By :John Carlone 04/14/2025
 Supervised By :Mahesh Dadoda 04/14/2025



#18
 Methylene Chloride
 Concen: 20.166 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: VN086248.D
 Acq: 11 Apr 2025 13:34

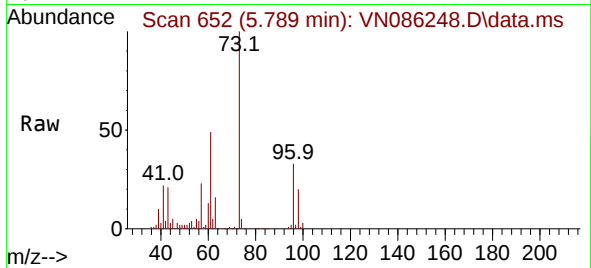
Tgt Ion:	84	Resp:	54353
Ion	Ratio	Lower	Upper
84	100		
49	125.0	99.1	148.7
51	39.9	32.3	48.5
86	67.8	55.0	82.4





#19
trans-1,2-Dichloroethene
Concen: 19.638 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

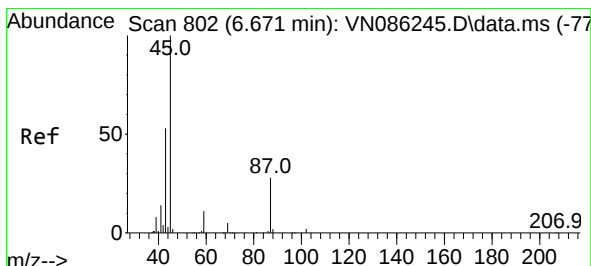
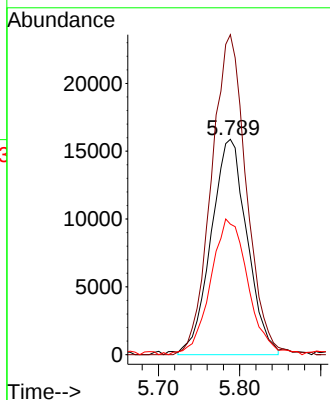
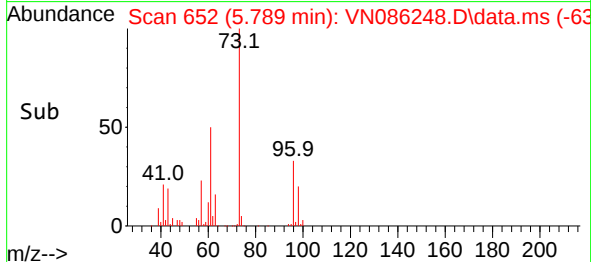
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041125



Tgt Ion: 96 Resp: 4889
Ion Ratio Lower Upper
96 100
61 149.0 115.9 173.9
98 60.0 52.1 78.1

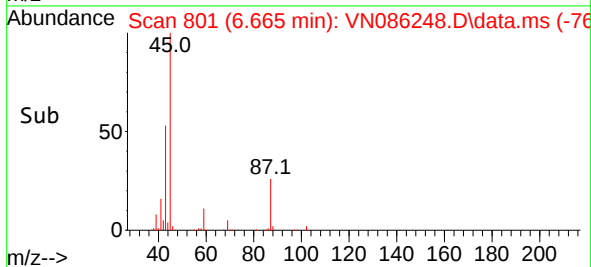
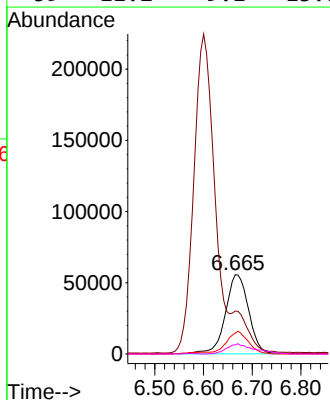
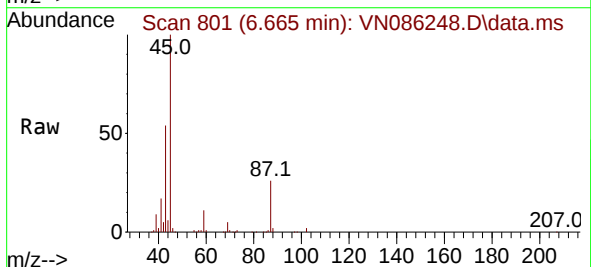
Manual Integrations
APPROVED

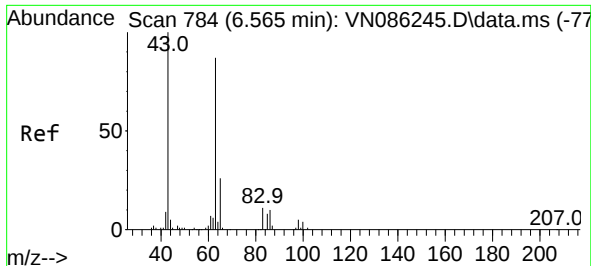
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#20
Diisopropyl ether
Concen: 20.688 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

Tgt Ion: 45 Resp: 183254
Ion Ratio Lower Upper
45 100
43 52.3 42.3 63.5
87 26.5 22.2 33.4
59 11.2 9.1 13.7





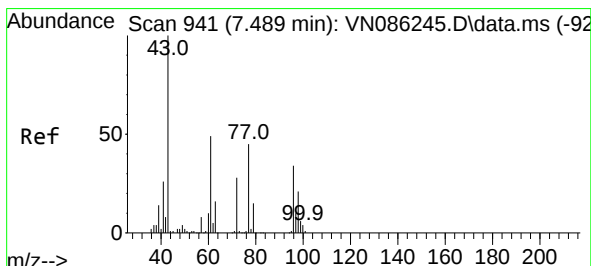
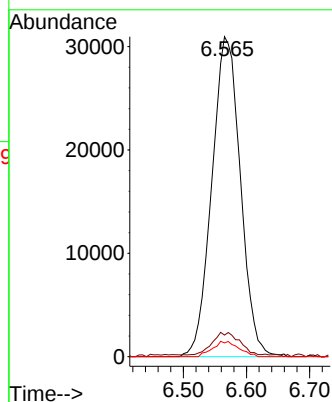
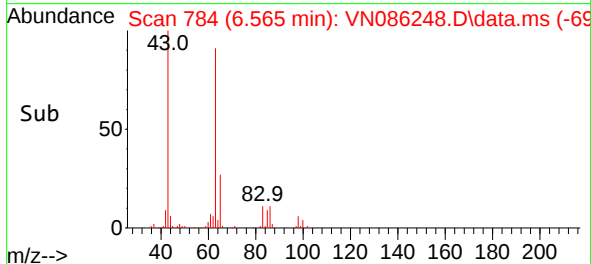
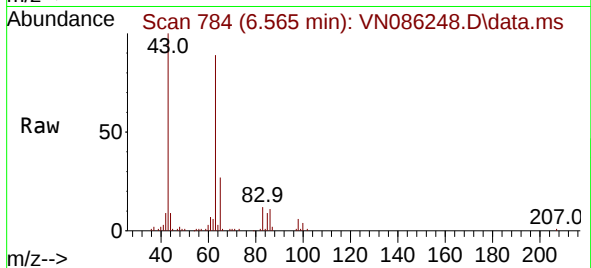
#21
1,1-Dichloroethane
Concen: 20.578 ug/l
RT: 6.565 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

Instrument :
MSVOA_N
ClientSampleId :
ICVVN041125

Tgt Ion: 63 Resp: 9724
Ion Ratio Lower Upper
63 100
98 6.2 3.1 9.3
100 4.3 2.3 6.9

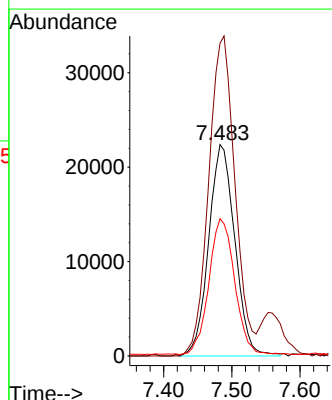
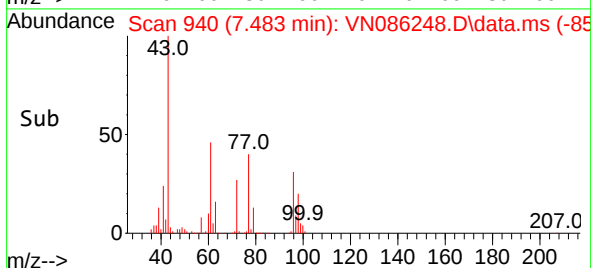
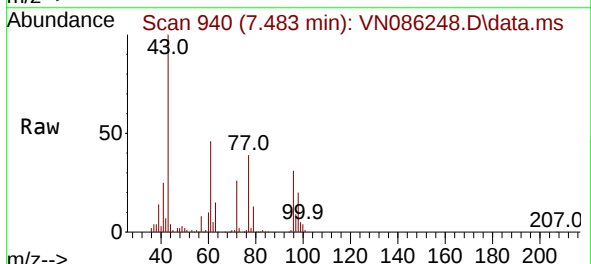
Manual Integrations
APPROVED

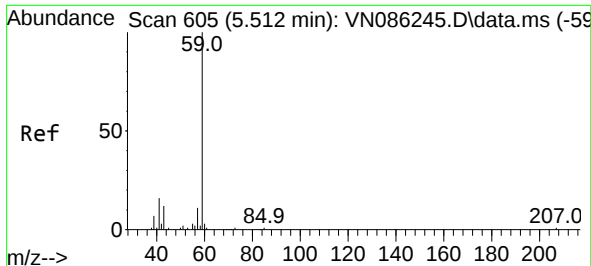
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#22
cis-1,2-Dichloroethene
Concen: 20.174 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

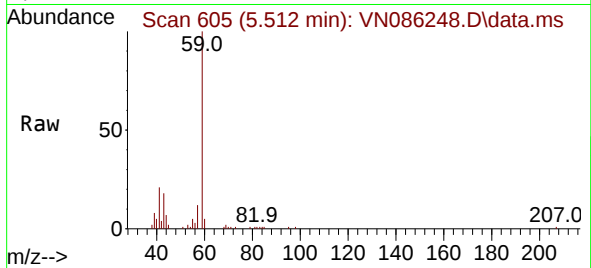
Tgt Ion: 96 Resp: 59840
Ion Ratio Lower Upper
96 100
61 152.2 119.5 179.3
98 63.0 51.0 76.6





#23
tert-Butyl Alcohol
Concen: 96.723 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

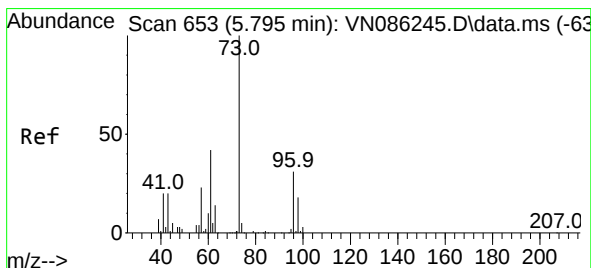
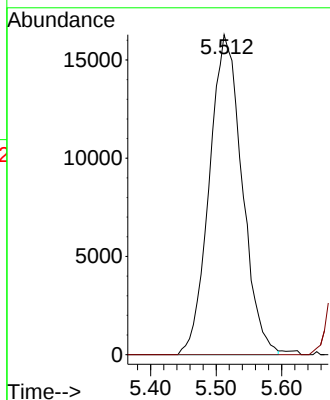
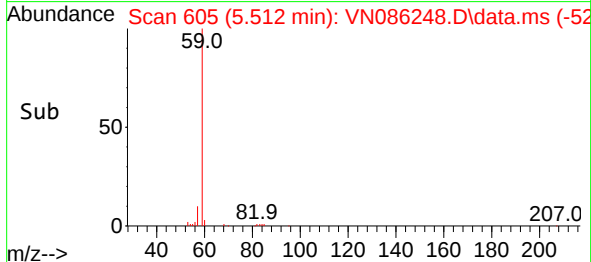
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041125



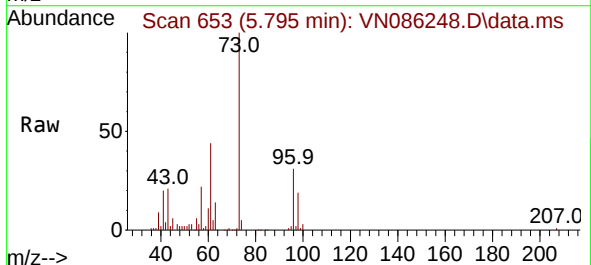
Tgt Ion: 59 Resp: 56480
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

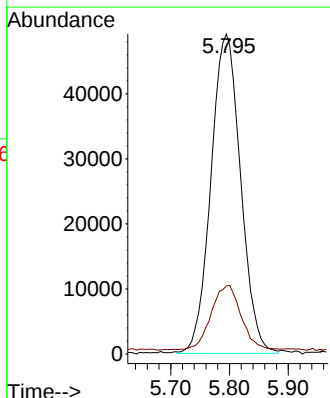
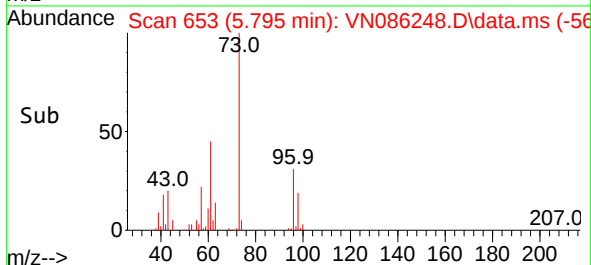
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

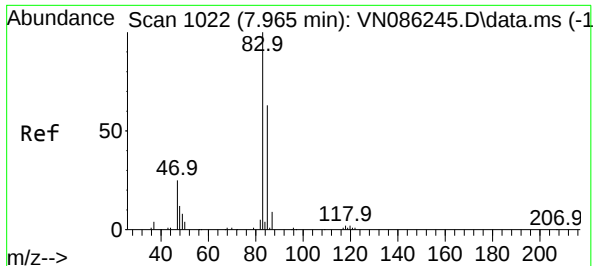


#24
Methyl tert-Butyl Ether
Concen: 20.211 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34



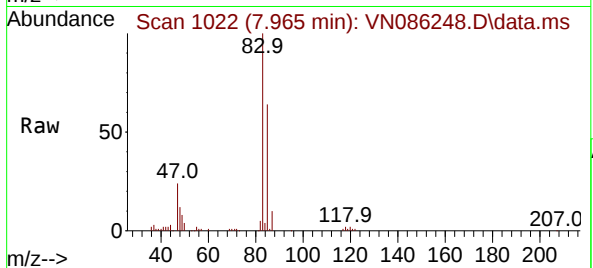
Tgt Ion: 73 Resp: 172426
Ion Ratio Lower Upper
73 100
43 20.2 16.8 25.2





#25
Chloroform
Concen: 20.677 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

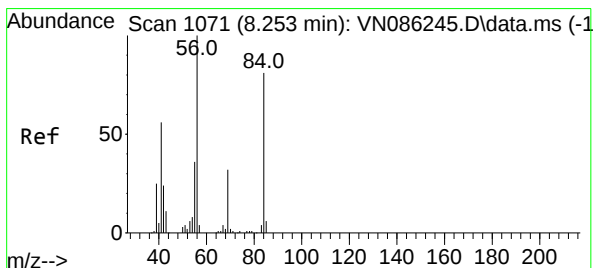
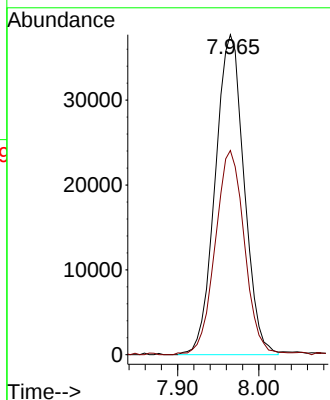
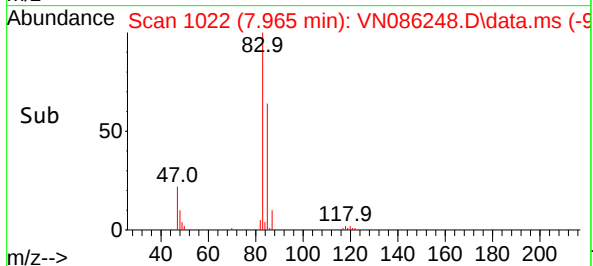
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041125



Tgt Ion: 83 Resp: 9318
Ion Ratio Lower Upper
83 100
85 63.3 50.5 75.7

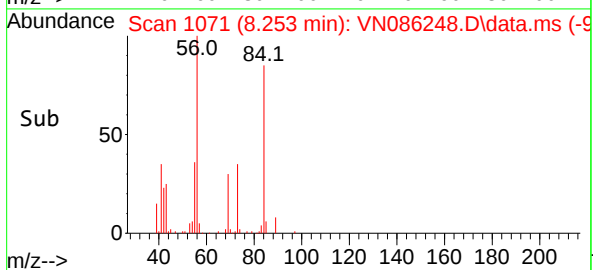
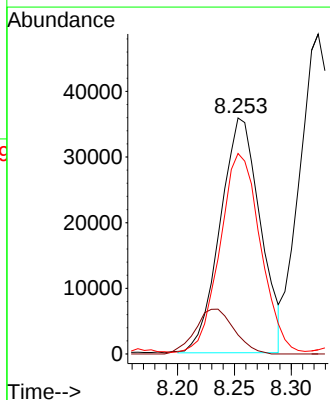
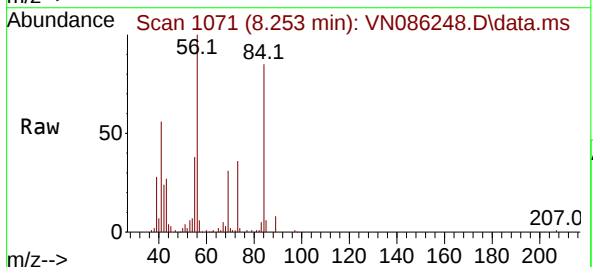
Manual Integrations
APPROVED

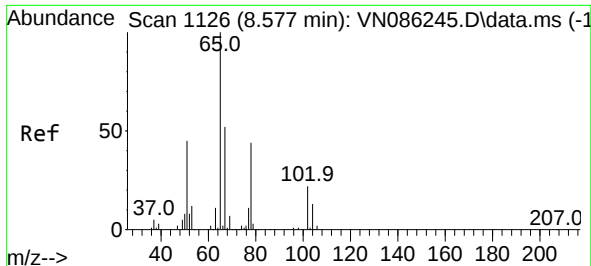
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#26
Cyclohexane
Concen: 19.913 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

Tgt Ion: 56 Resp: 88041
Ion Ratio Lower Upper
56 100
89 18.6 0.0 0.0#
84 86.2 69.0 103.4





#27

1,2-Dichloroethane-d4

Concen: 29.777 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086248.D

Acq: 11 Apr 2025 13:34

Instrument :

MSVOA_N

ClientSampleId :

ICVVN041125

Tgt Ion: 65 Resp: 90160

Ion Ratio Lower Upper

65 100

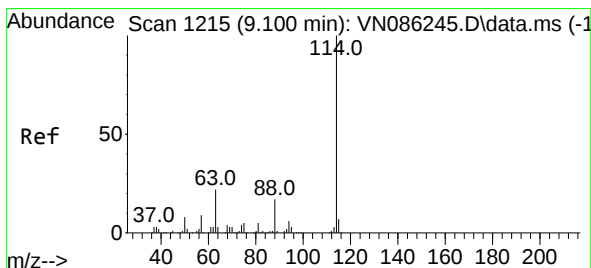
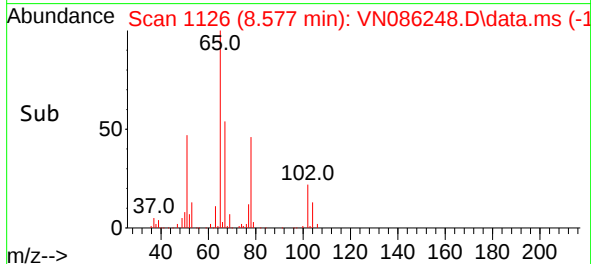
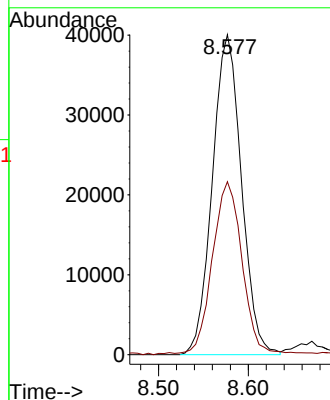
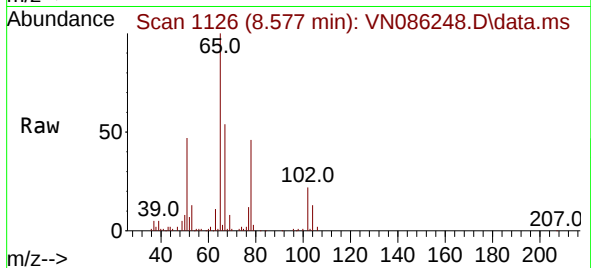
67 54.6 43.4 65.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086248.D

Acq: 11 Apr 2025 13:34

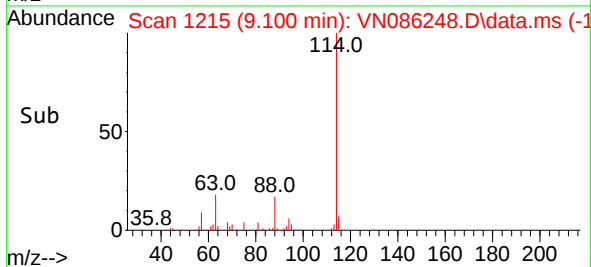
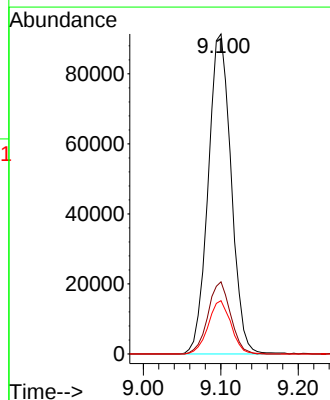
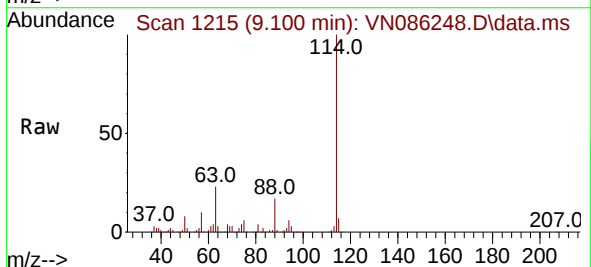
Tgt Ion:114 Resp: 187987

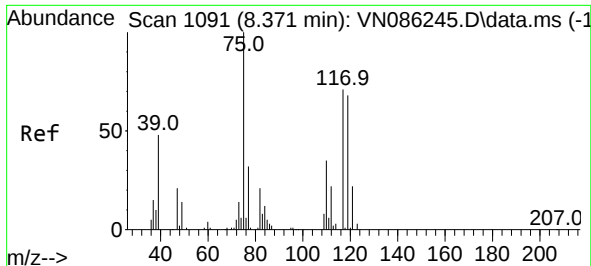
Ion Ratio Lower Upper

114 100

63 22.2 17.8 26.6

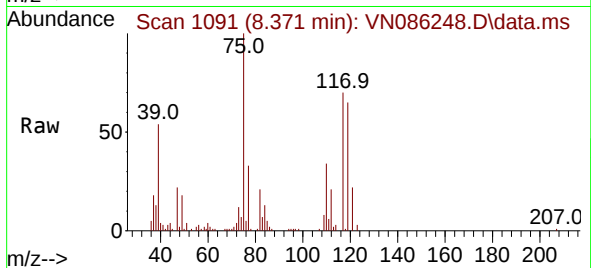
88 16.5 13.4 20.2





#29
1,1-Dichloropropene
Concen: 20.373 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

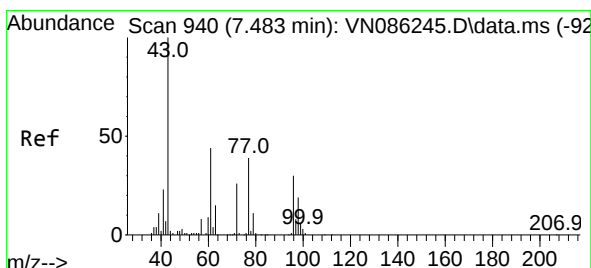
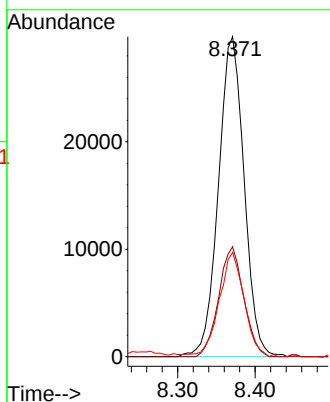
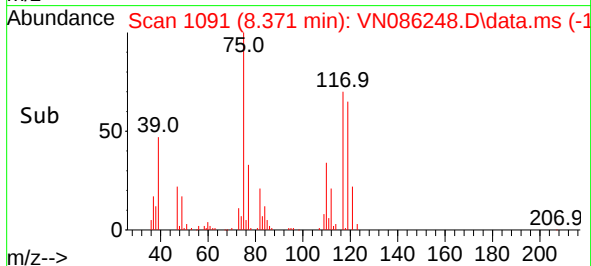
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041125



Tgt Ion: 75 Resp: 68608
Ion Ratio Lower Upper
75 100
110 33.4 0.0 68.6
77 31.4 0.0 63.8

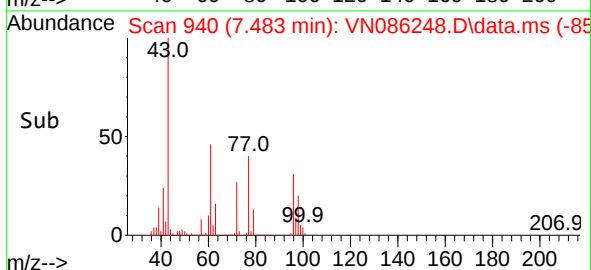
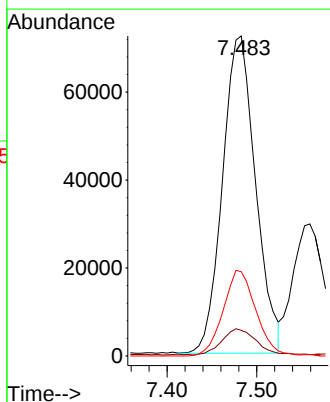
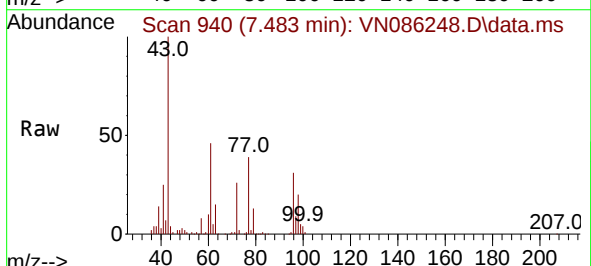
Manual Integrations
APPROVED

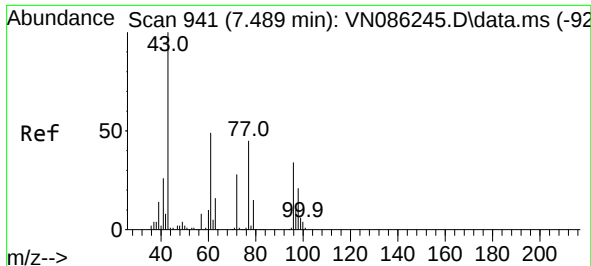
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#30
2-Butanone
Concen: 98.995 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

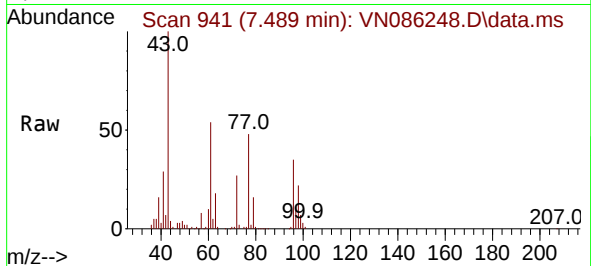
Tgt Ion: 43 Resp: 184728
Ion Ratio Lower Upper
43 100
57 8.6 6.4 9.6
72 26.7 21.5 32.3





#31
2,2-Dichloropropane
Concen: 21.111 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

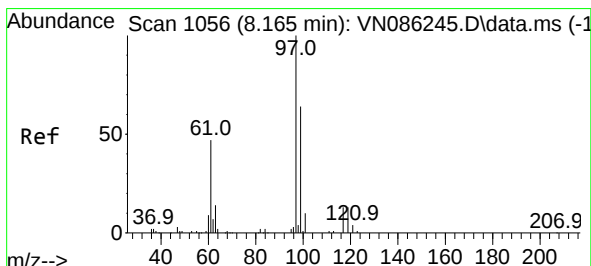
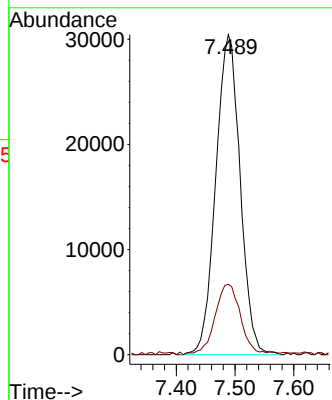
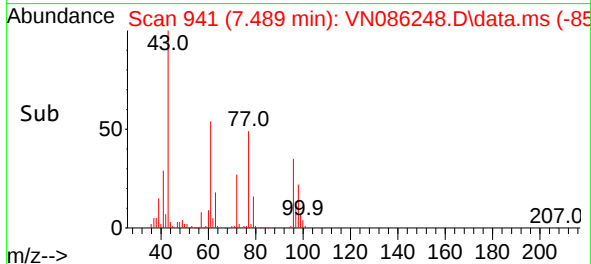
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041125



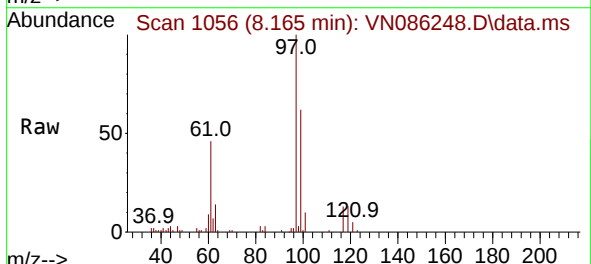
Tgt Ion: 77 Resp: 8751
Ion Ratio Lower Upper
77 100
97 22.7 18.8 28.2

Manual Integrations
APPROVED

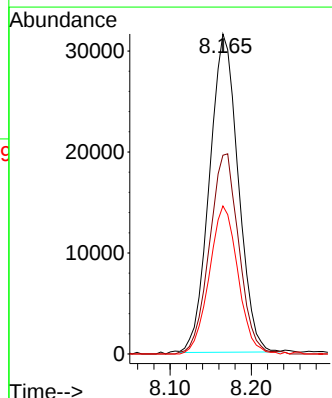
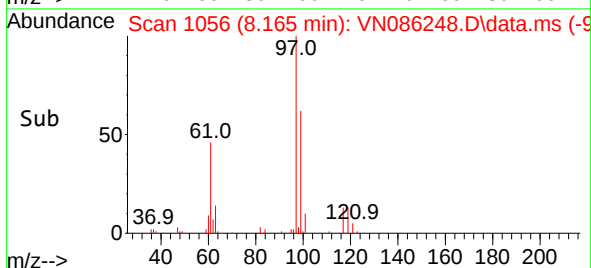
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

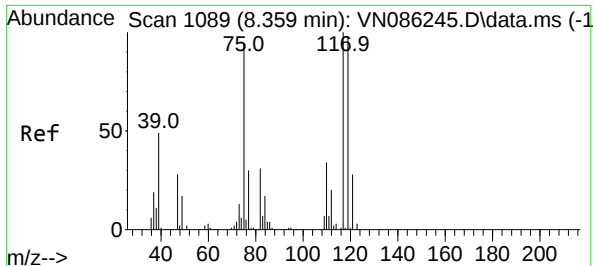


#32
1,1,1-Trichloroethane
Concen: 20.044 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34



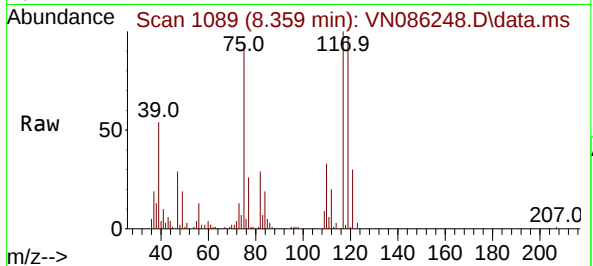
Tgt Ion: 97 Resp: 77645
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.2
61 46.2 37.0 55.6





#33
Carbon Tetrachloride
Concen: 20.360 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

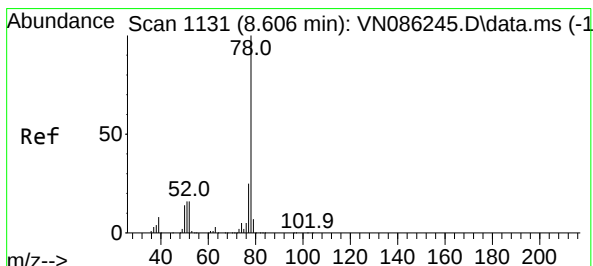
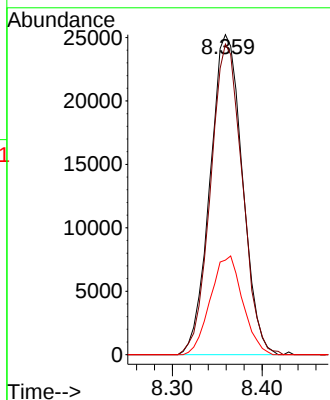
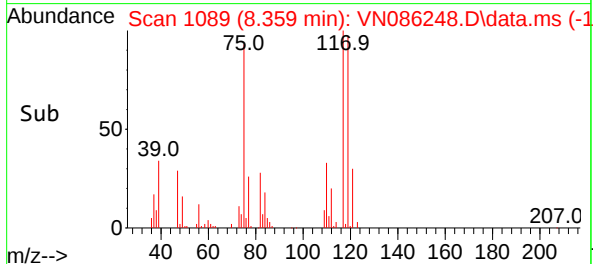
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041125



Tgt Ion: 117 Resp: 63029
Ion Ratio Lower Upper
117 100
119 97.1 78.3 117.5
121 29.6 22.5 33.7

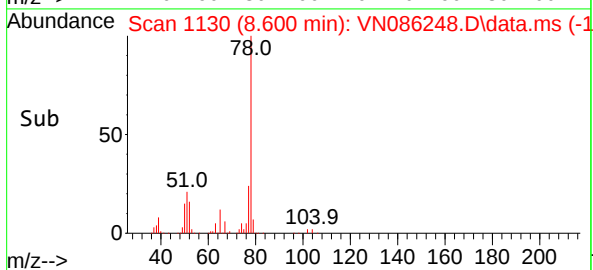
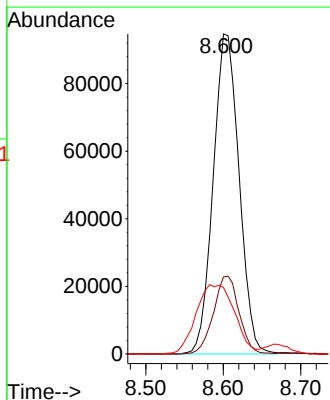
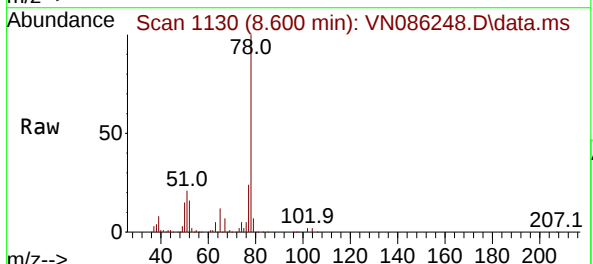
Manual Integrations
APPROVED

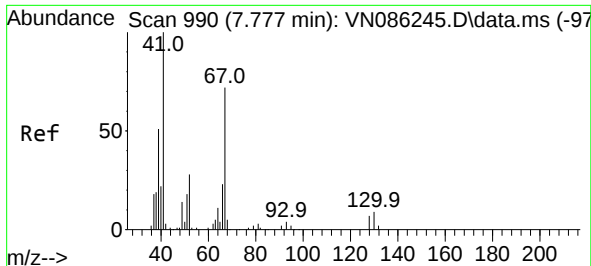
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#34
Benzene
Concen: 20.522 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

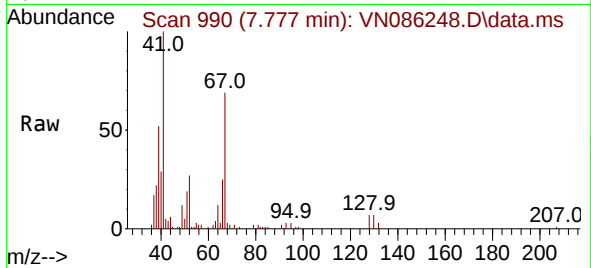
Tgt Ion: 78 Resp: 219862
Ion Ratio Lower Upper
78 100
77 24.1 20.0 30.0
51 19.8 12.9 19.3#





#35
Methacrylonitrile
Concen: 19.764 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

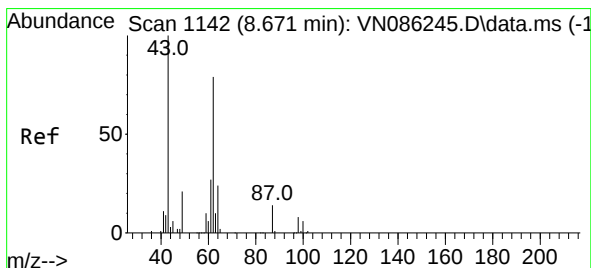
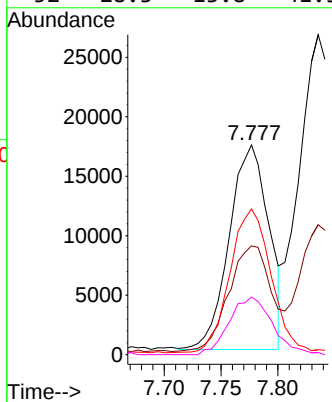
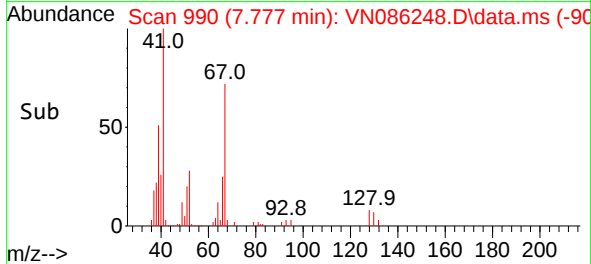
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041125



Tgt Ion: 41 Resp: 4157
Ion Ratio Lower Upper
41 100
39 51.7 25.8 77.3
67 70.4 36.0 108.0
52 28.3 13.8 41.3

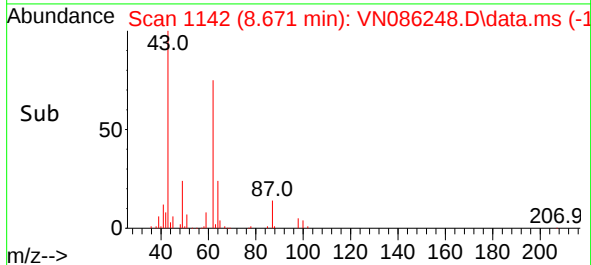
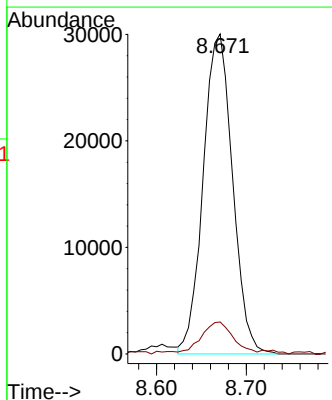
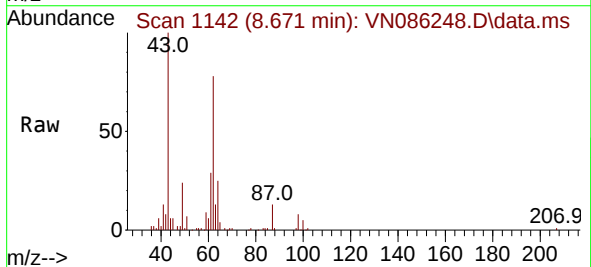
Manual Integrations
APPROVED

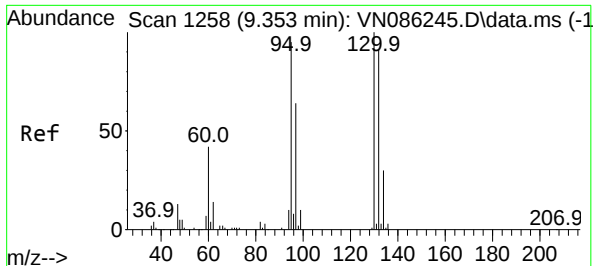
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#36
1,2-Dichloroethane
Concen: 20.391 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

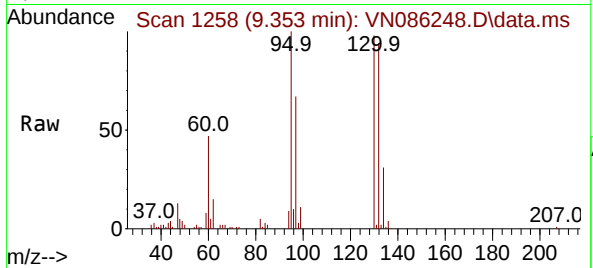
Tgt Ion: 62 Resp: 68362
Ion Ratio Lower Upper
62 100
98 10.6 8.6 12.8





#37
Trichloroethene
Concen: 19.842 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

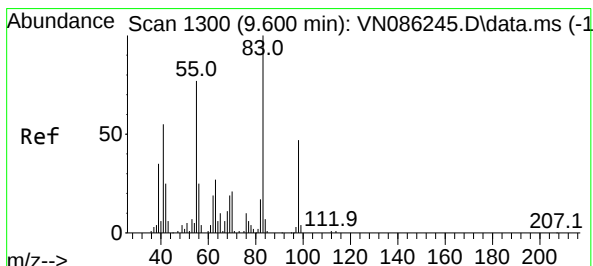
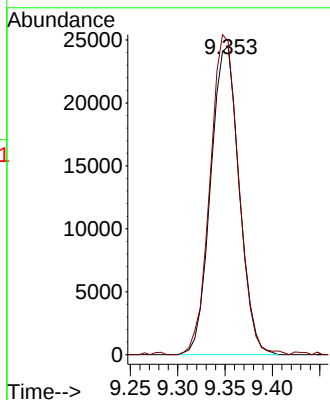
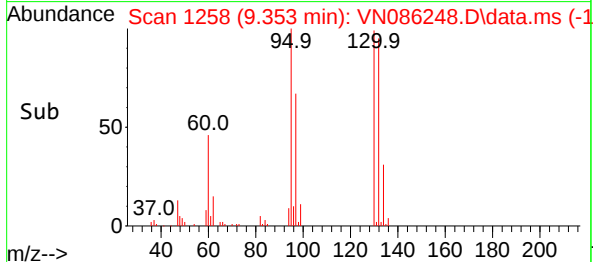
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041125



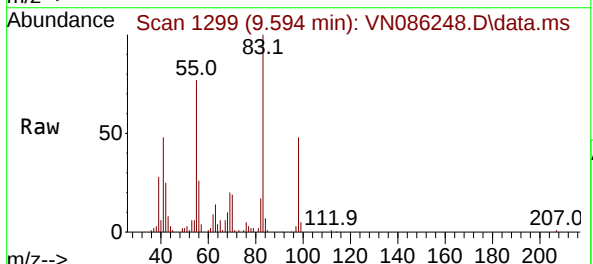
Tgt Ion:130 Resp: 5129
Ion Ratio Lower Upper
130 100
95 101.6 76.4 114.6

Manual Integrations
APPROVED

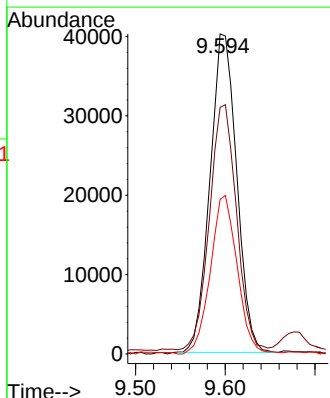
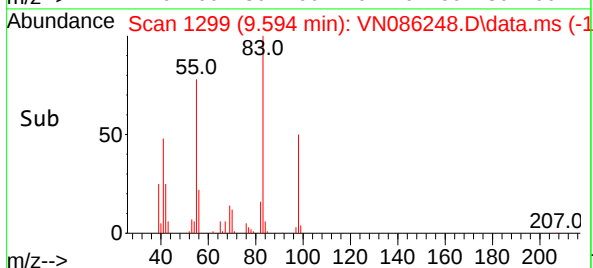
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

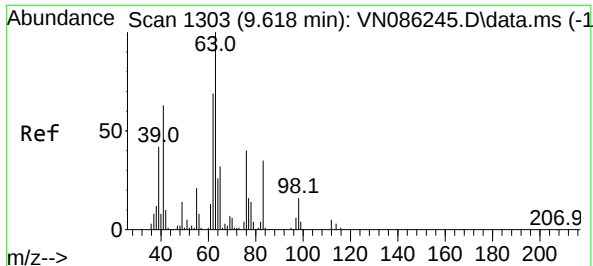


#38
Methylcyclohexane
Concen: 20.137 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34



Tgt Ion: 83 Resp: 83168
Ion Ratio Lower Upper
83 100
55 78.5 38.5 115.5
98 50.0 24.4 73.2





#39

1,2-Dichloropropane

Concen: 20.675 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086248.D

Acq: 11 Apr 2025 13:34

Instrument :

MSVOA_N

ClientSampleId :

ICVVN041125

Tgt Ion: 63 Resp: 55110

Ion Ratio Lower Upper

63 100

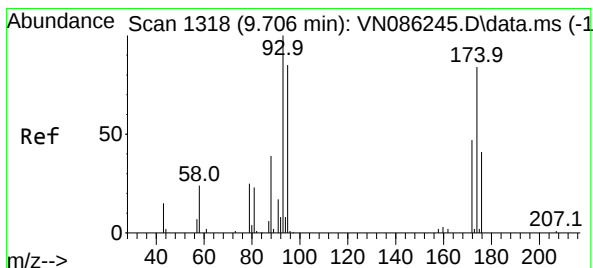
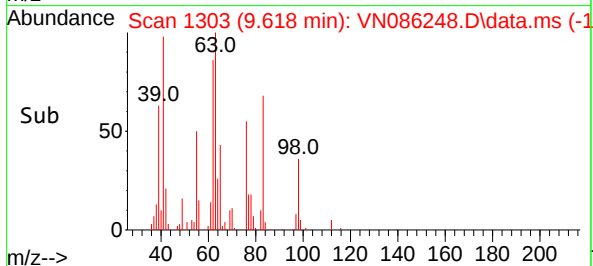
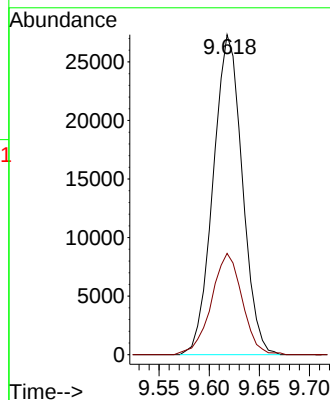
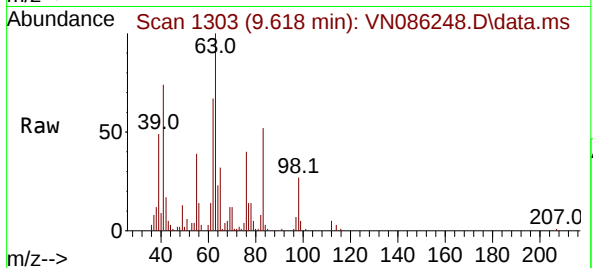
65 31.1 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#40

Dibromomethane

Concen: 19.681 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086248.D

Acq: 11 Apr 2025 13:34

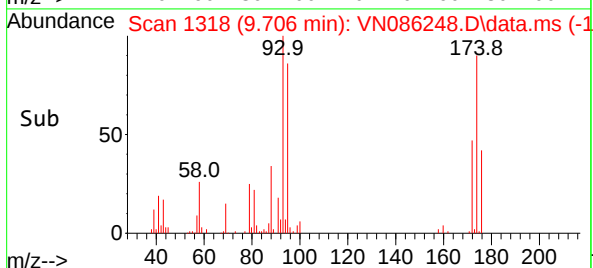
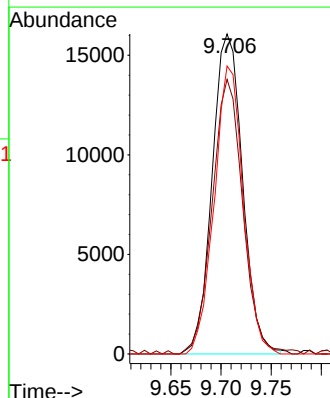
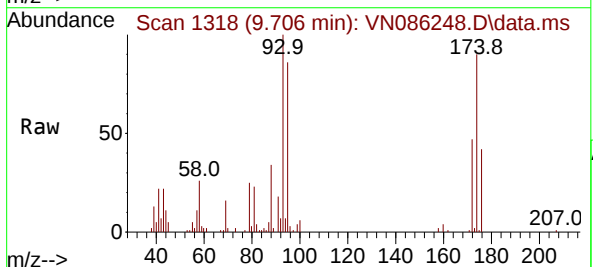
Tgt Ion: 93 Resp: 33887

Ion Ratio Lower Upper

93 100

95 86.2 0.0 169.0

174 85.9 0.0 168.0





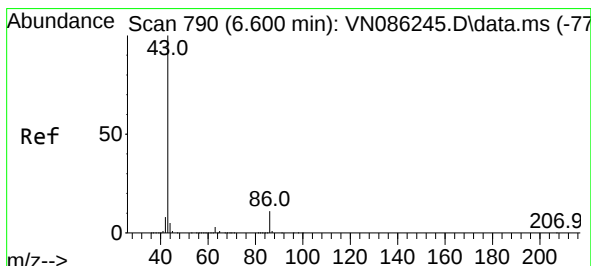
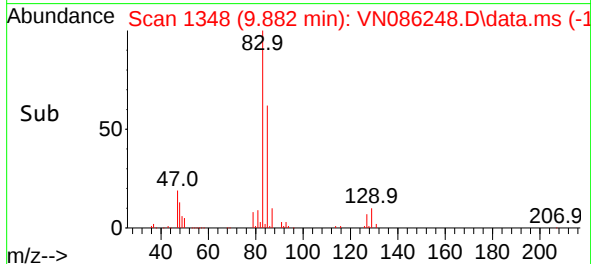
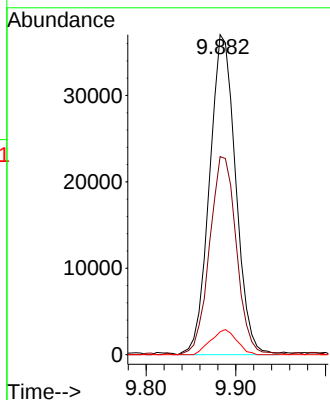
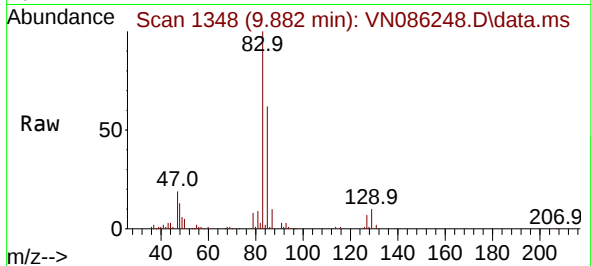
#41
Bromodichloromethane
Concen: 20.289 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

Instrument :
MSVOA_N
ClientSampleId :
ICVVN041125

Tgt Ion: 83 Resp: 75048
Ion Ratio Lower Upper
83 100
85 61.9 50.2 75.2
127 7.1 6.2 9.4

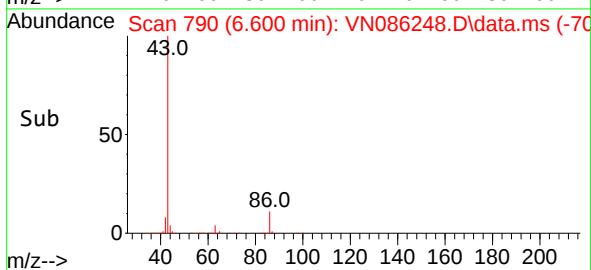
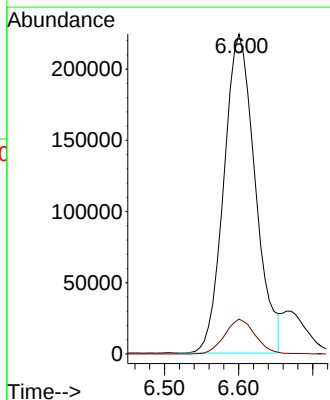
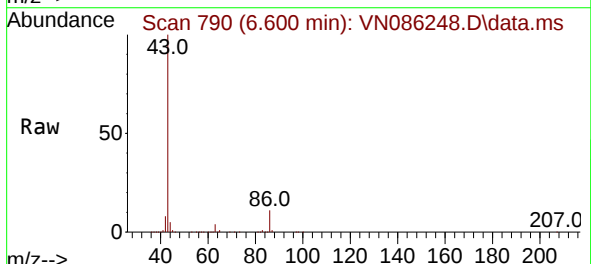
Manual Integrations
APPROVED

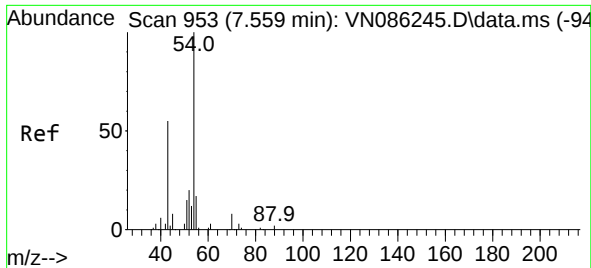
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#42
Vinyl Acetate
Concen: 103.572 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

Tgt Ion: 43 Resp: 657878
Ion Ratio Lower Upper
43 100
86 10.6 8.4 12.6





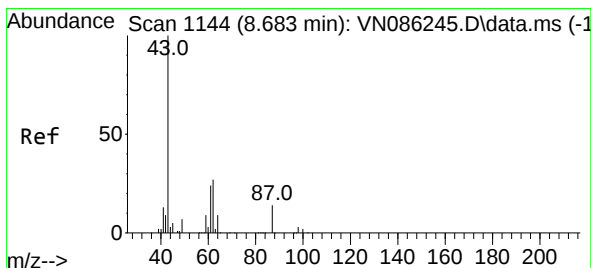
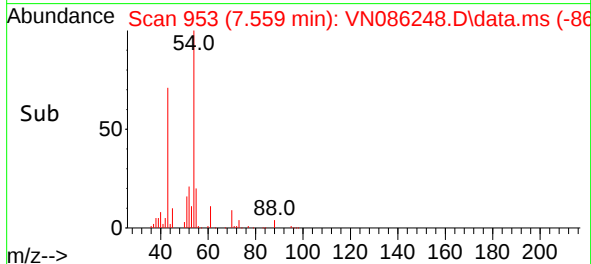
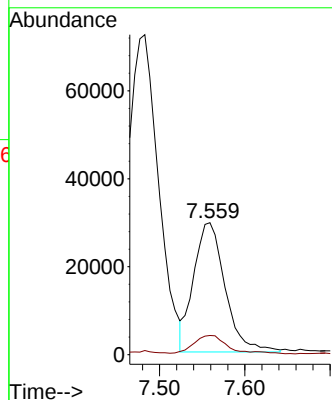
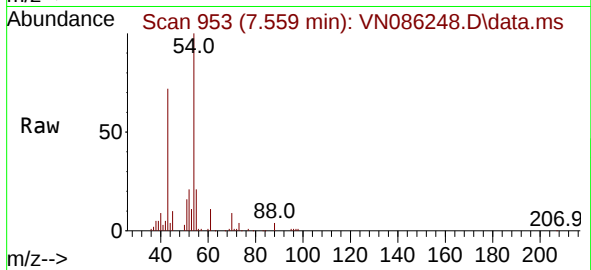
#43
Ethyl Acetate
Concen: 20.054 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

Instrument :
MSVOA_N
ClientSampleId :
ICVVN041125

Tgt Ion: 43 Resp: 7548
Ion Ratio Lower Upper
43 100
45 13.3 11.2 16.8

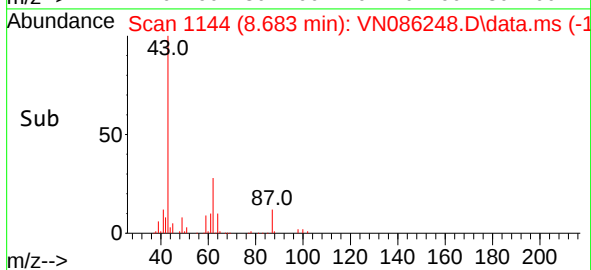
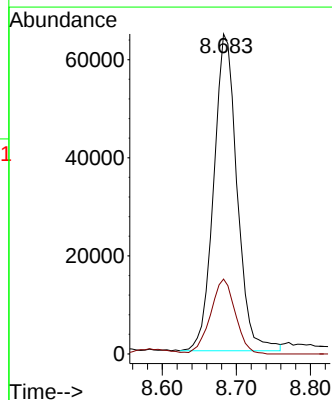
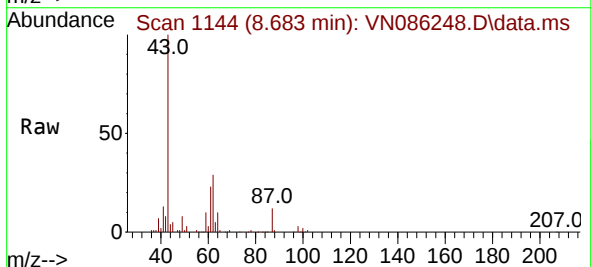
Manual Integrations
APPROVED

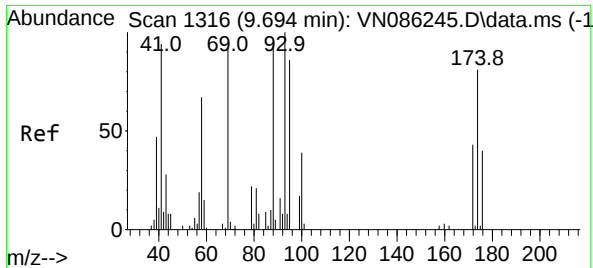
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#44
Isopropyl Acetate
Concen: 20.285 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

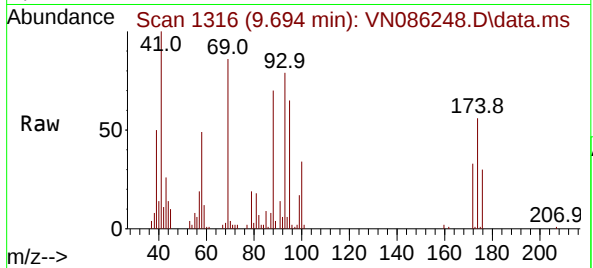
Tgt Ion: 43 Resp: 141640
Ion Ratio Lower Upper
43 100
61 25.0 20.5 30.7





#45
1,4-Dioxane
Concen: 369.952 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

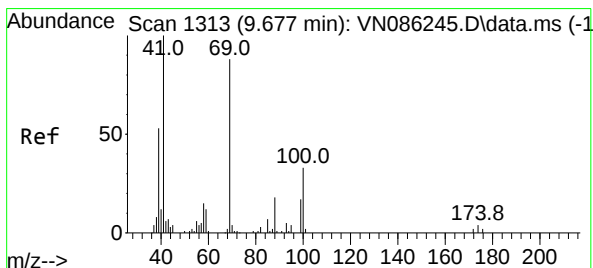
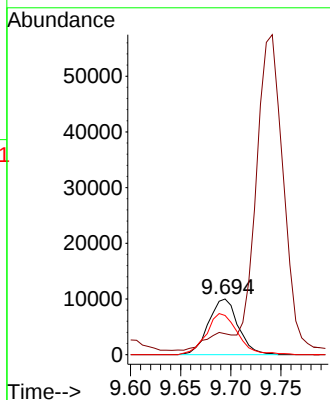
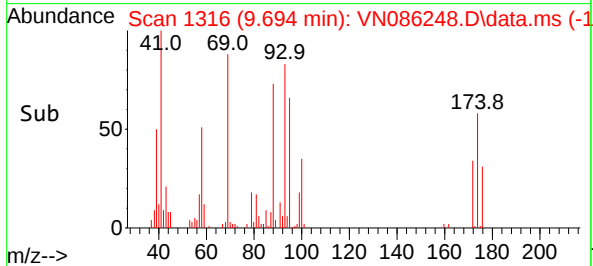
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041125



Tgt Ion: 88 Resp: 2054
Ion Ratio Lower Upper
88 100
43 32.9 14.4 21.6
58 76.6 59.8 89.8

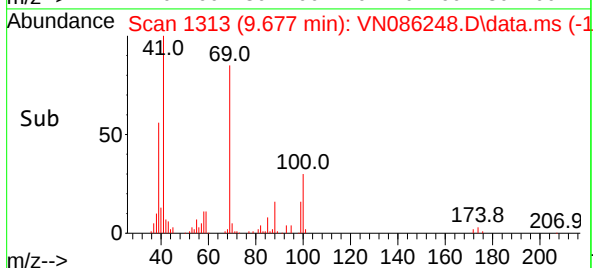
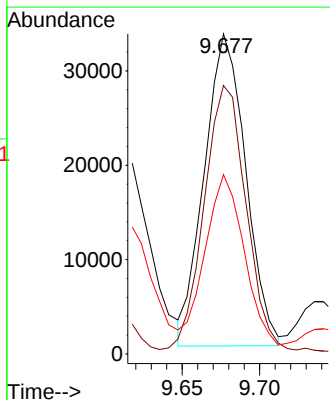
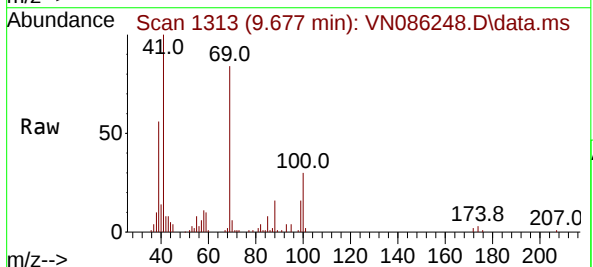
Manual Integrations
APPROVED

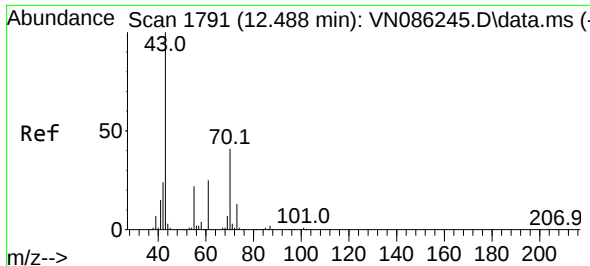
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#46
Methyl methacrylate
Concen: 19.956 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

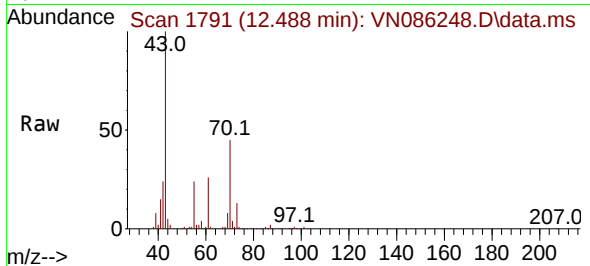
Tgt Ion: 41 Resp: 61396
Ion Ratio Lower Upper
41 100
69 85.0 43.2 129.6
39 56.3 26.4 79.0





#47
n-amy1 Acetate
Concen: 19.589 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

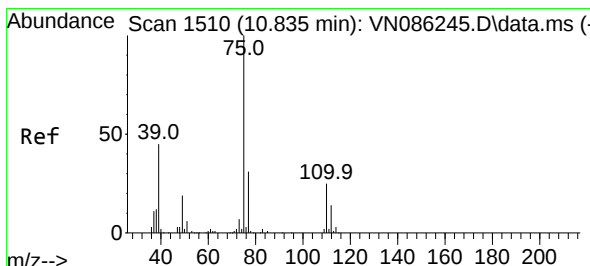
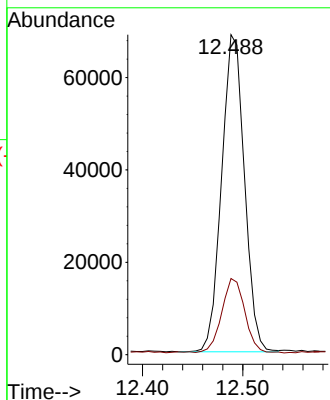
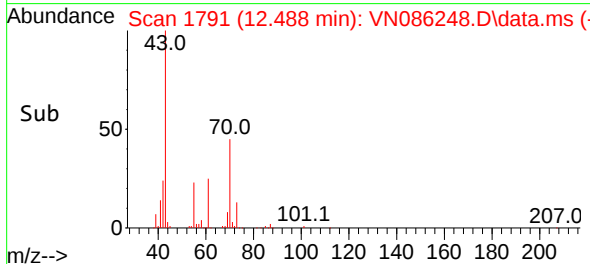
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041125



Tgt Ion: 43 Resp: 108440
Ion Ratio Lower Upper
43 100
55 23.4 19.0 28.4

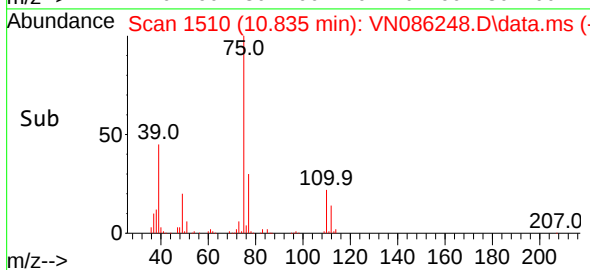
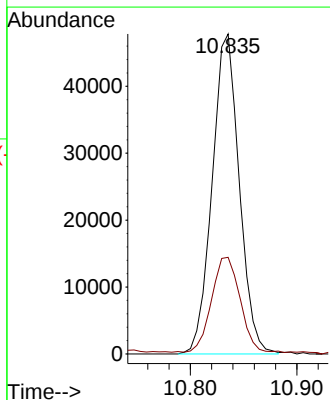
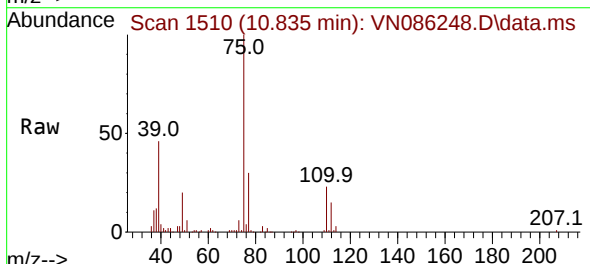
Manual Integrations
APPROVED

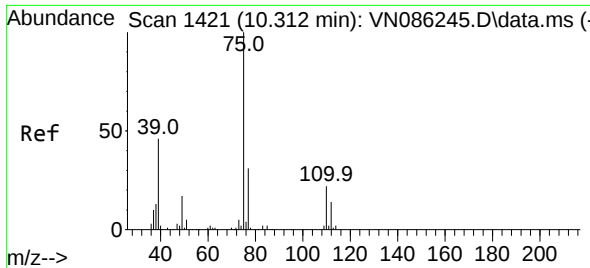
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#48
t-1,3-Dichloropropene
Concen: 20.190 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

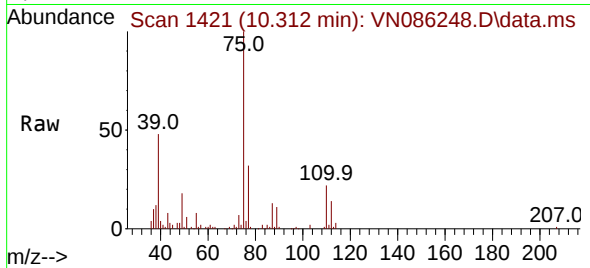
Tgt Ion: 75 Resp: 84428
Ion Ratio Lower Upper
75 100
77 29.4 25.1 37.7





#49
 cis-1,3-Dichloropropene
 Concen: 20.581 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN086248.D
 Acq: 11 Apr 2025 13:34

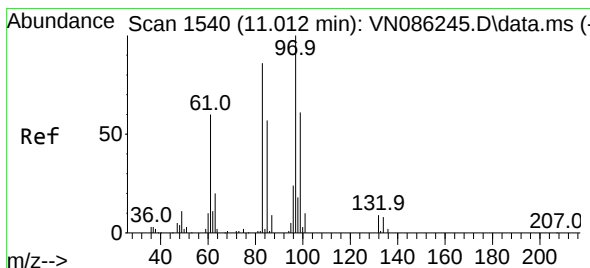
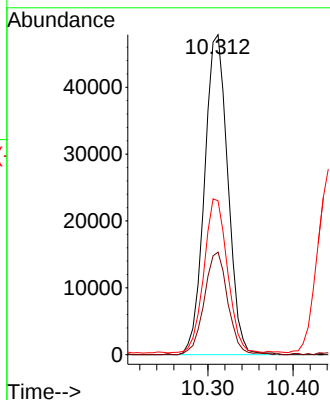
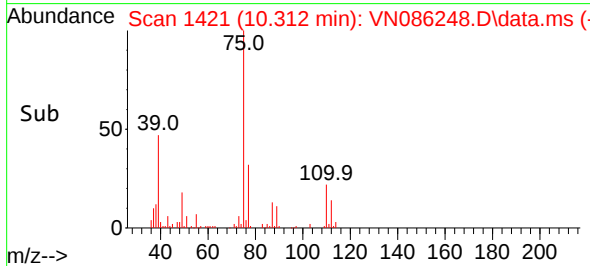
Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN041125



Tgt Ion: 75 Resp: 91089
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.0 37.4
 39 47.4 36.7 55.1

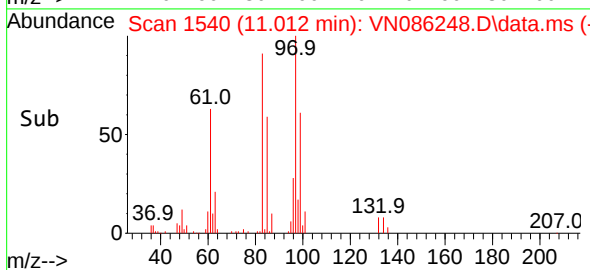
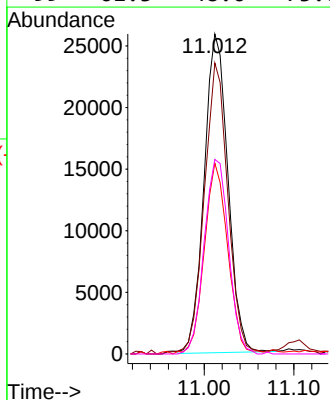
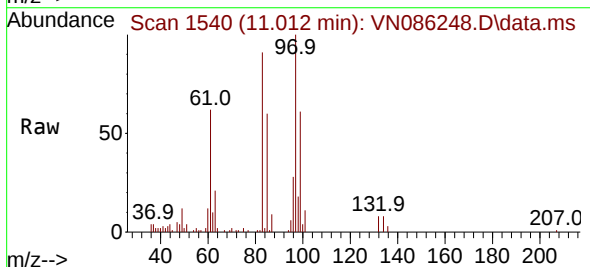
Manual Integrations
 APPROVED

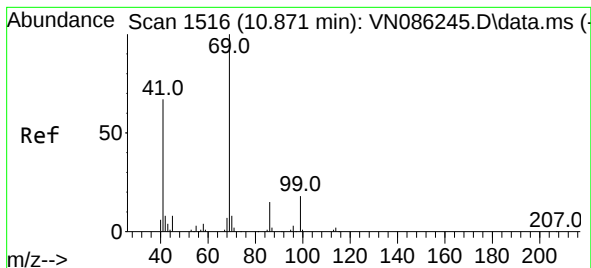
Reviewed By :John Carlone 04/14/2025
 Supervised By :Mahesh Dadoda 04/14/2025



#50
 1,1,2-Trichloroethane
 Concen: 19.741 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. 0.000 min
 Lab File: VN086248.D
 Acq: 11 Apr 2025 13:34

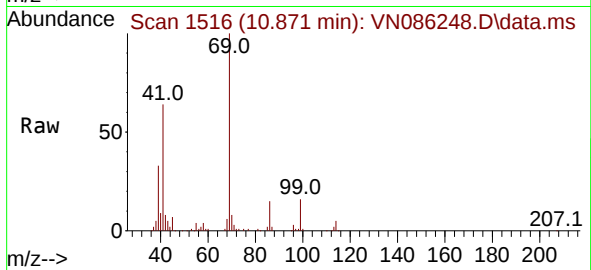
Tgt Ion: 97 Resp: 47672
 Ion Ratio Lower Upper
 97 100
 83 90.8 68.6 103.0
 85 59.4 45.9 68.9
 99 61.3 48.6 73.0





#51
Ethyl methacrylate
Concen: 20.259 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

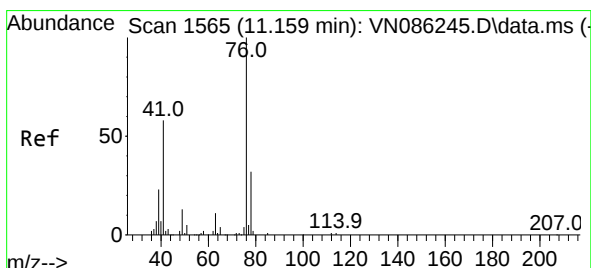
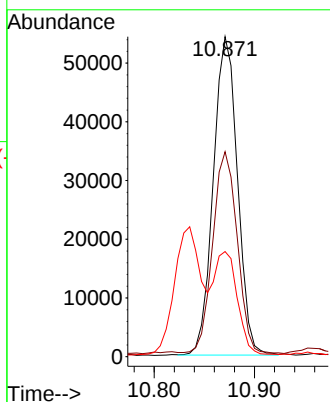
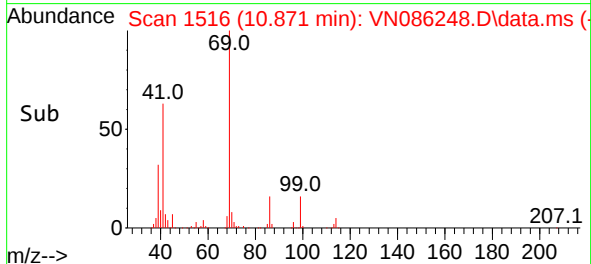
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041125



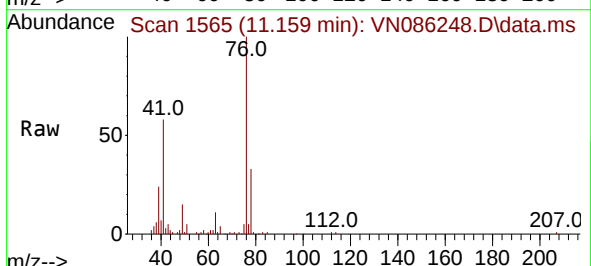
Tgt Ion: 69 Resp: 90910
Ion Ratio Lower Upper
69 100
41 63.2 33.6 100.6
39 32.3 17.8 53.4

Manual Integrations
APPROVED

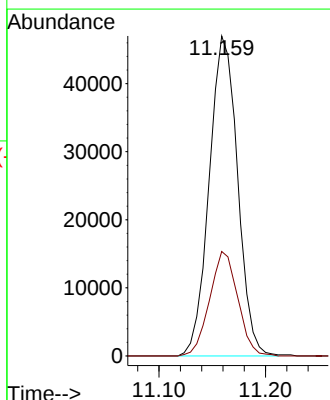
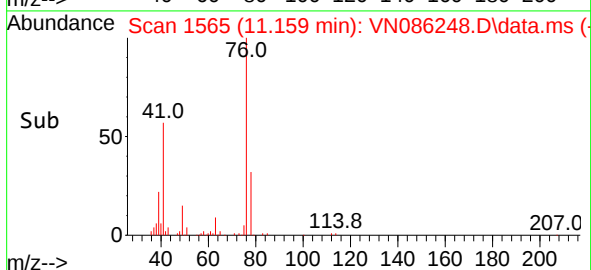
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

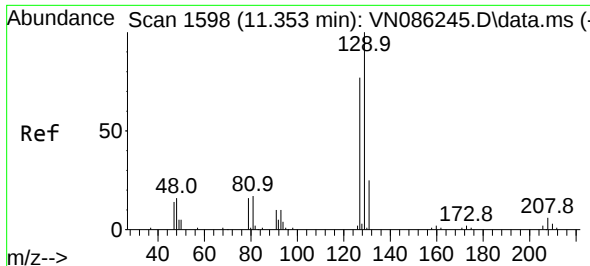


#52
1,3-Dichloropropane
Concen: 20.216 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34



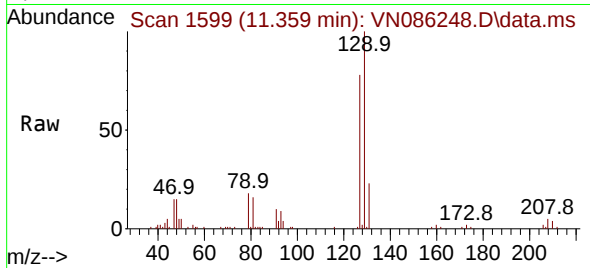
Tgt Ion: 76 Resp: 87015
Ion Ratio Lower Upper
76 100
78 32.4 0.0 64.6





#53
Dibromochloromethane
Concen: 19.923 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

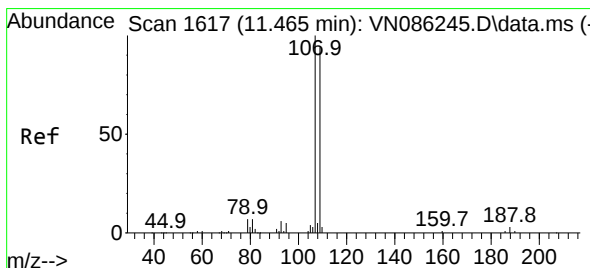
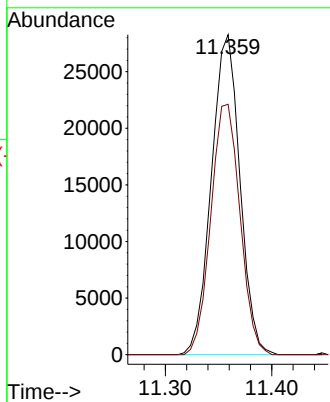
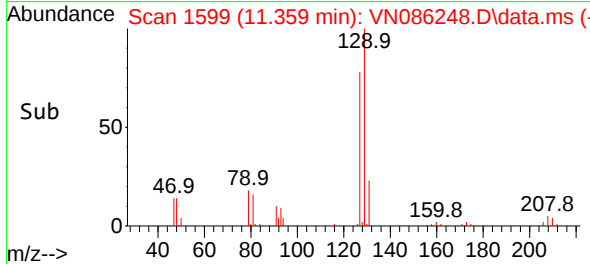
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041125



Tgt Ion:129 Resp: 52628
Ion Ratio Lower Upper
129 100
127 79.9 38.5 115.5

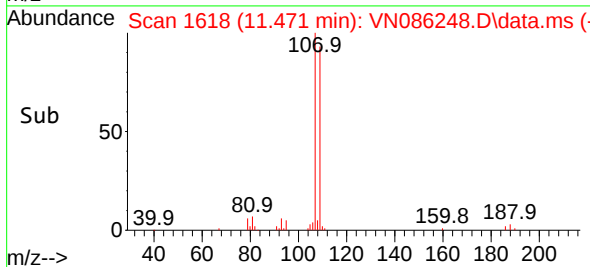
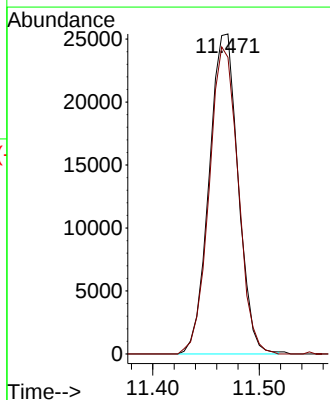
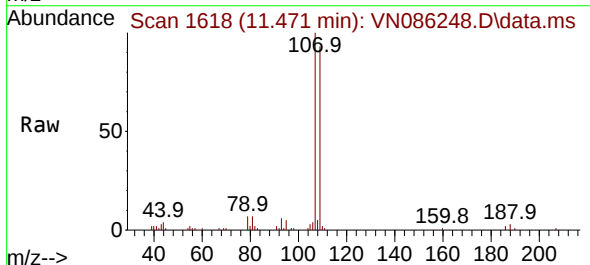
Manual Integrations
APPROVED

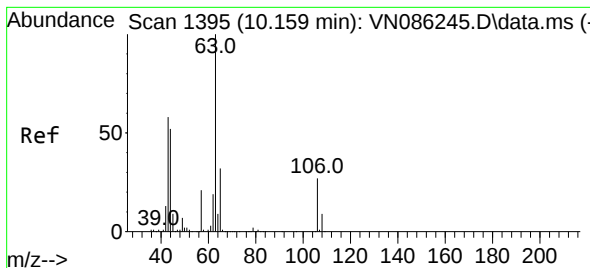
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#54
1,2-Dibromoethane
Concen: 19.762 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

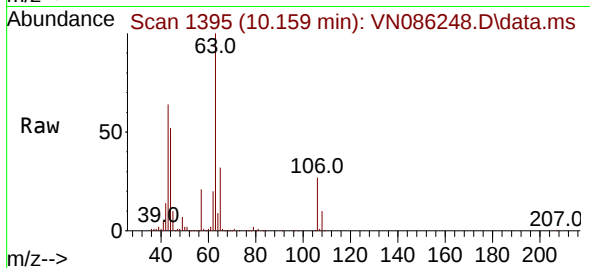
Tgt Ion:107 Resp: 48175
Ion Ratio Lower Upper
107 100
109 95.6 75.2 112.8





#55
2-Chloroethyl vinyl ether
Concen: 132.990 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

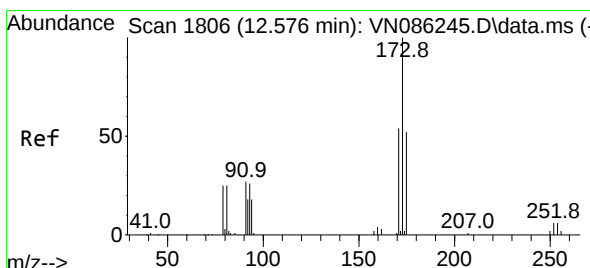
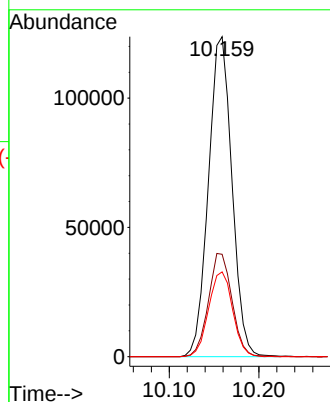
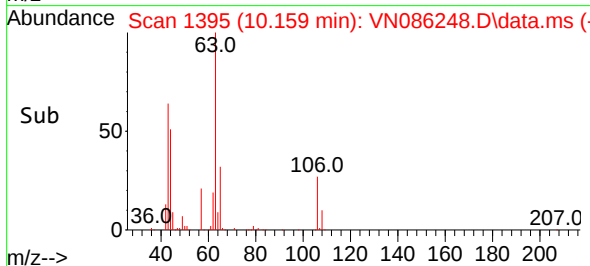
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041125



Tgt Ion: 63 Resp: 22552
Ion Ratio Lower Upper
63 100
65 32.2 25.8 38.8
106 27.0 21.8 32.8

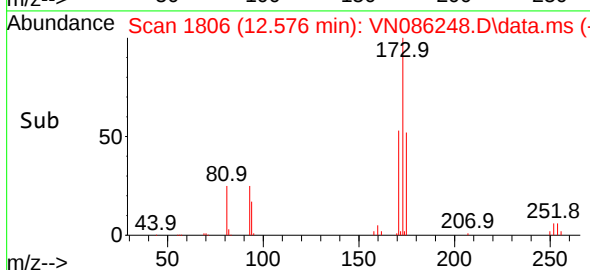
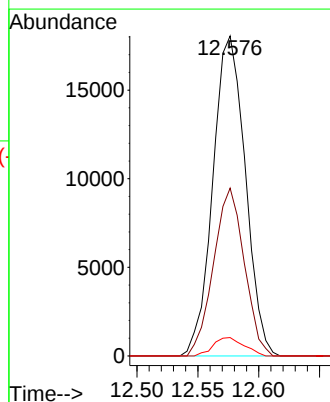
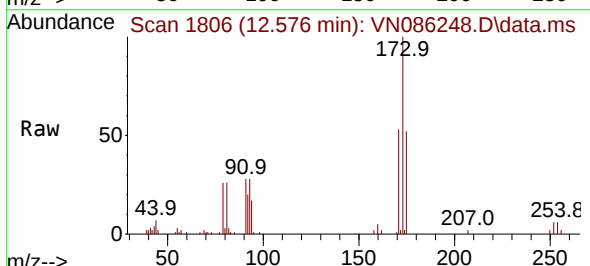
Manual Integrations
APPROVED

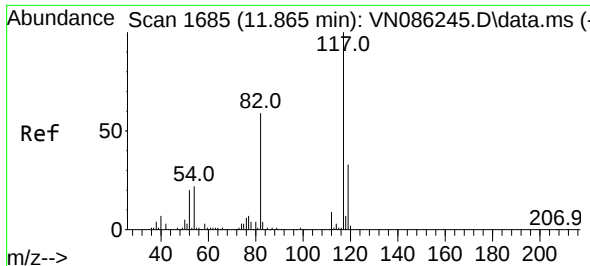
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#56
Bromoform
Concen: 19.359 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

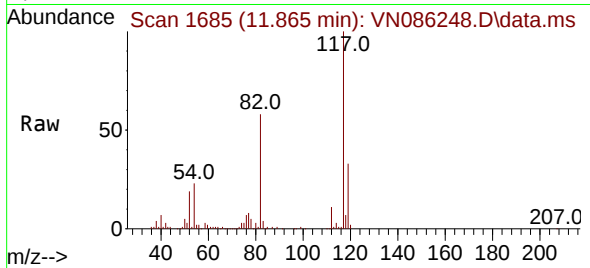
Tgt Ion:173 Resp: 33456
Ion Ratio Lower Upper
173 100
175 49.7 38.2 57.4
254 5.5 4.5 6.7





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

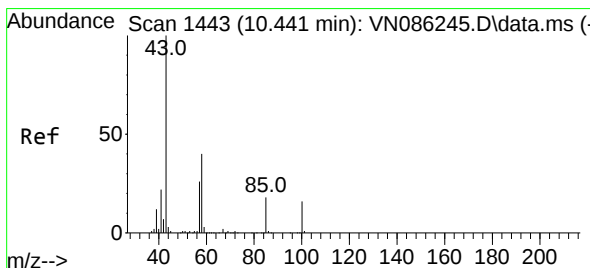
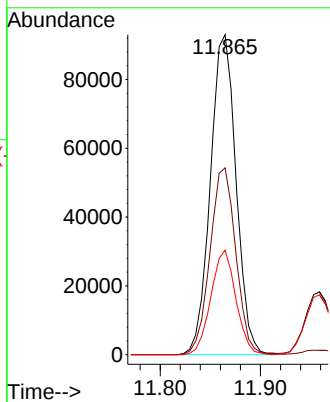
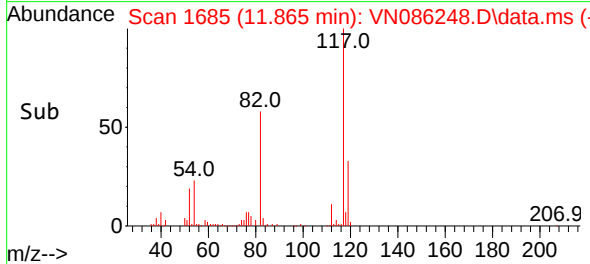
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041125



Tgt Ion: 117 Resp: 16572
Ion Ratio Lower Upper
117 100
82 58.7 47.3 70.9
119 31.7 25.9 38.9

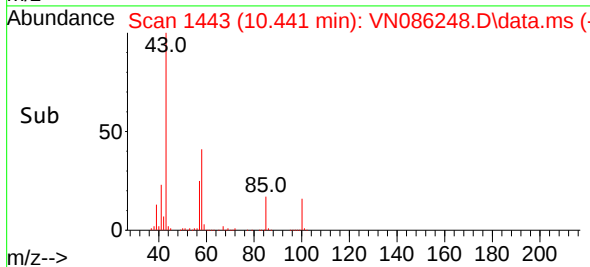
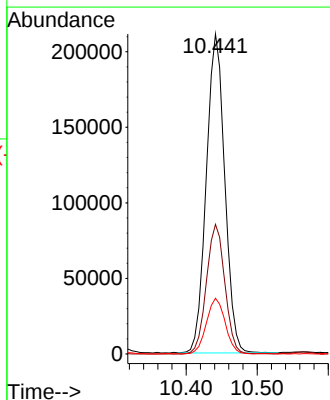
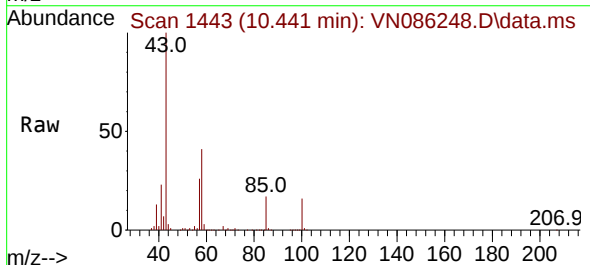
Manual Integrations
APPROVED

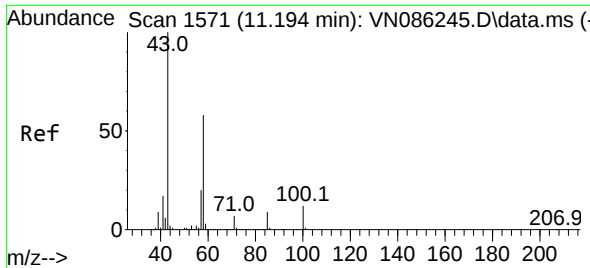
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#58
4-Methyl-2-Pentanone
Concen: 101.329 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

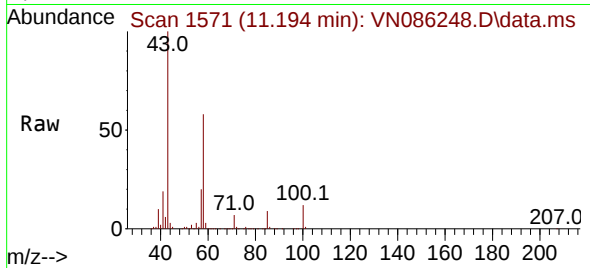
Tgt Ion: 43 Resp: 381072
Ion Ratio Lower Upper
43 100
58 40.6 32.5 48.7
85 17.8 14.4 21.6





#59
2-Hexanone
Concen: 101.451 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

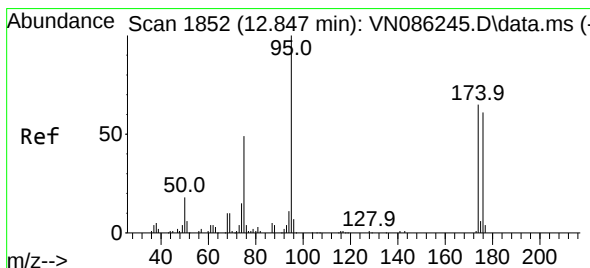
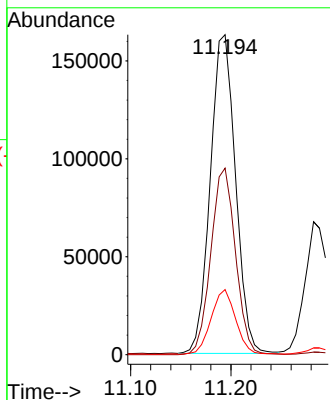
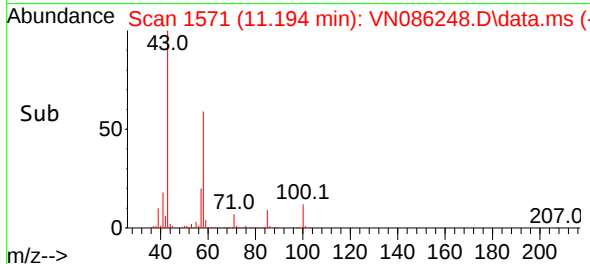
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041125



Tgt Ion: 43 Resp: 284098
Ion Ratio Lower Upper
43 100
58 57.1 45.3 67.9
57 19.4 15.8 23.6

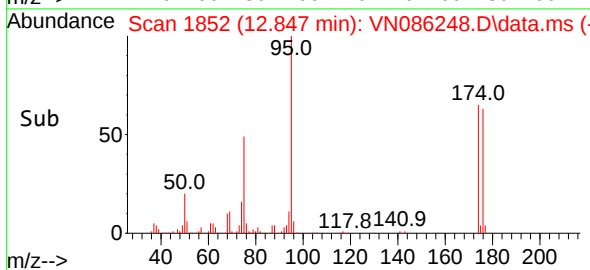
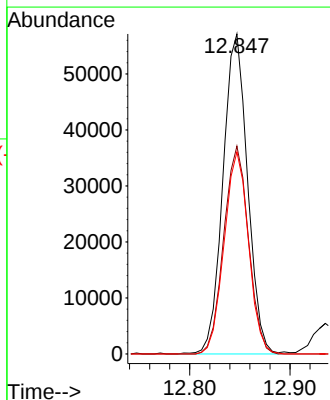
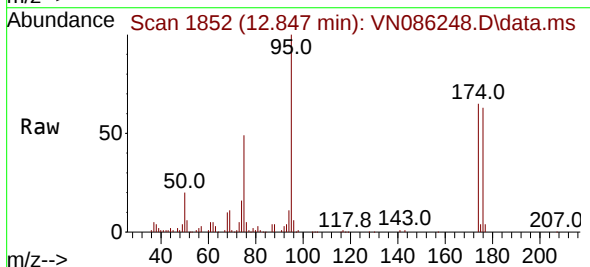
Manual Integrations
APPROVED

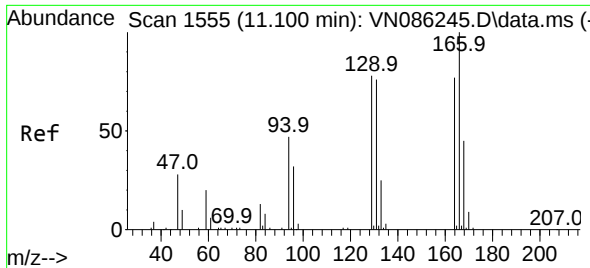
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#60
4-Bromofluorobenzene
Concen: 29.482 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

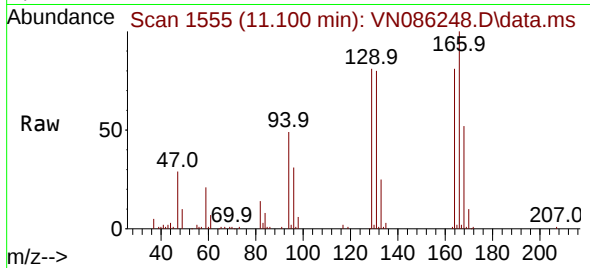
Tgt Ion: 95 Resp: 97275
Ion Ratio Lower Upper
95 100
174 65.2 52.7 79.1
176 62.4 49.8 74.8





#61
Tetrachloroethene
Concen: 20.169 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

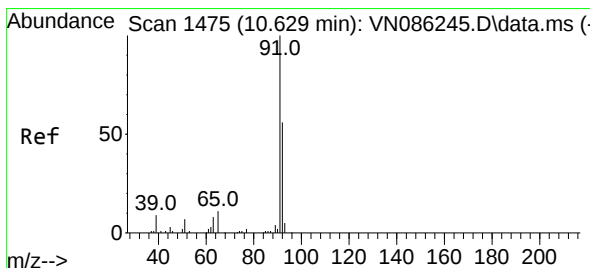
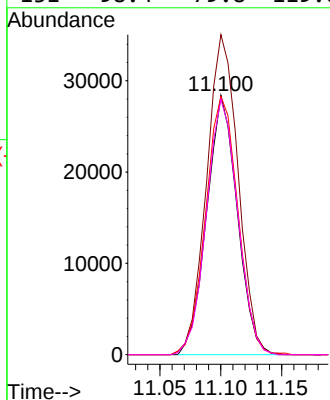
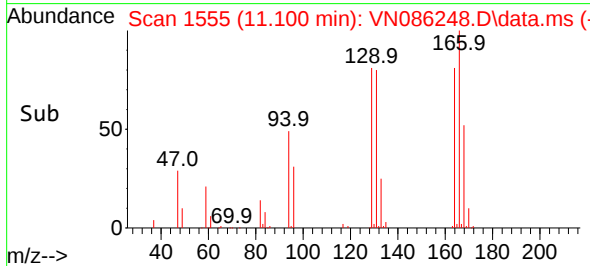
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041125



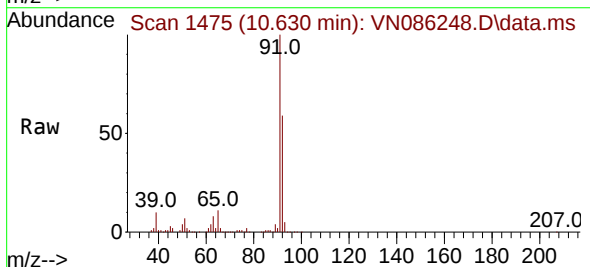
Tgt Ion:164 Resp: 49360
Ion Ratio Lower Upper
164 100
166 122.8 104.5 156.7
129 99.1 81.7 122.5
131 98.4 79.8 119.6

Manual Integrations
APPROVED

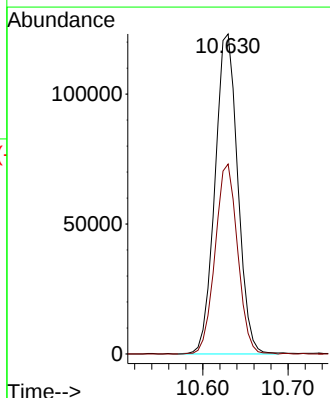
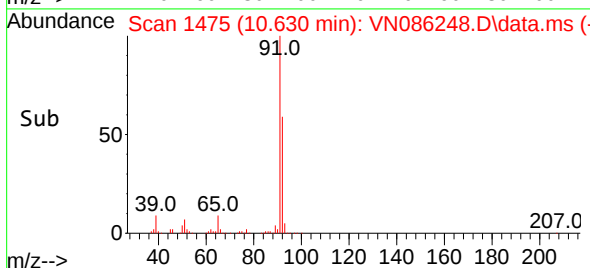
Reviewed By :John Carbone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

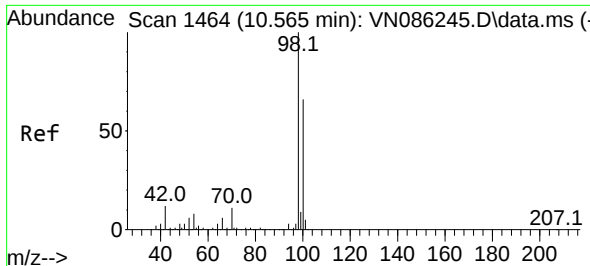


#62
Toluene
Concen: 20.568 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34



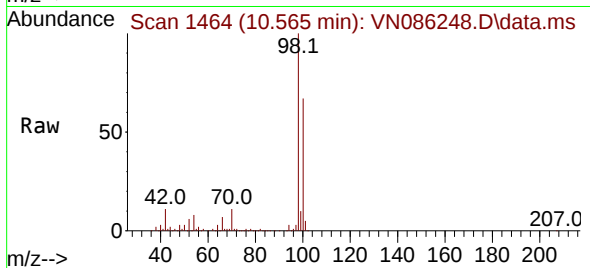
Tgt Ion: 91 Resp: 228625
Ion Ratio Lower Upper
91 100
92 58.6 46.8 70.2





#63
Toluene-d8
Concen: 29.890 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

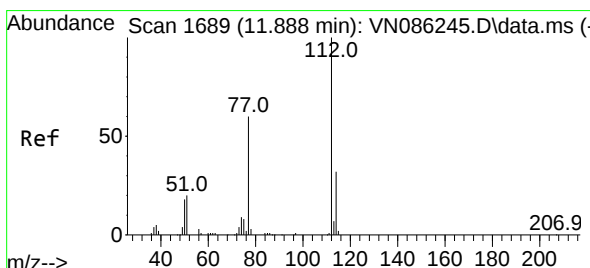
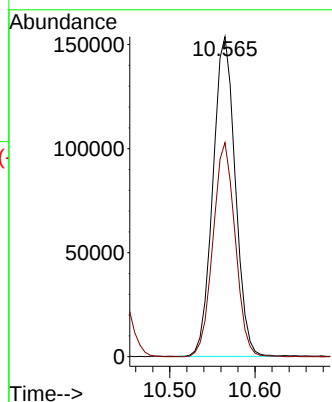
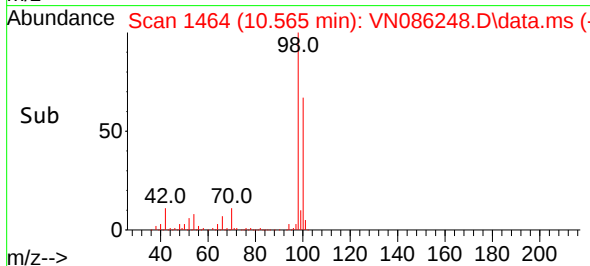
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041125



Tgt Ion: 98 Resp: 279650
Ion Ratio Lower Upper
98 100
100 66.6 52.3 78.5

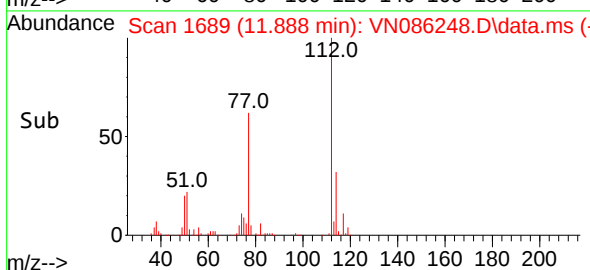
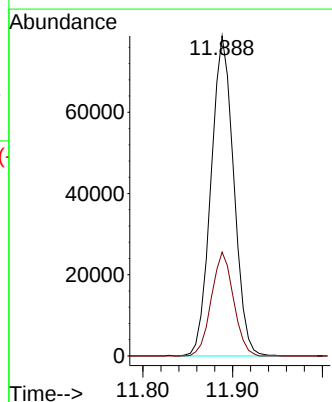
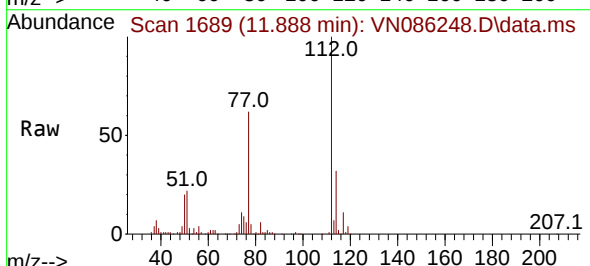
Manual Integrations
APPROVED

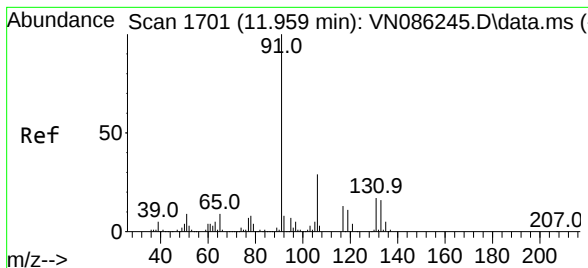
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#64
Chlorobenzene
Concen: 20.424 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

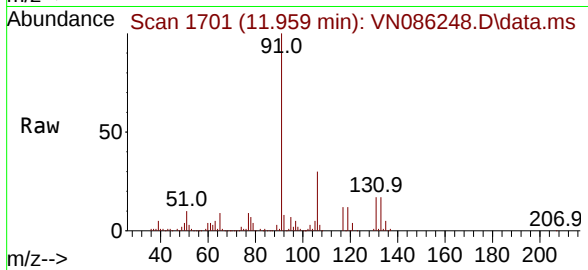
Tgt Ion:112 Resp: 138700
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 20.546 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

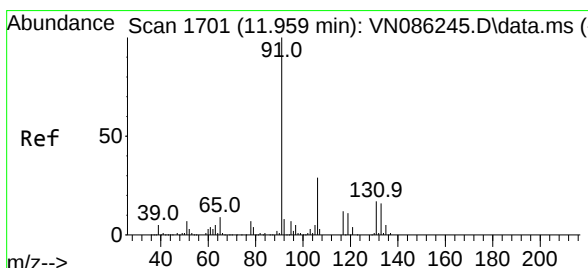
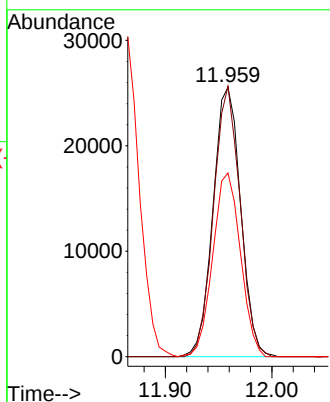
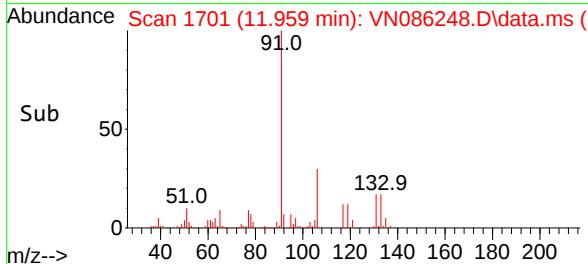
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041125



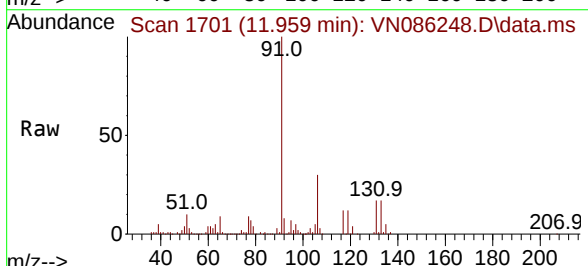
Tgt Ion:131 Resp: 46048
Ion Ratio Lower Upper
131 100
133 96.3 0.0 190.4
119 68.4 0.0 135.6

Manual Integrations
APPROVED

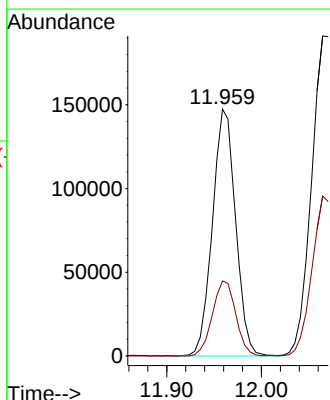
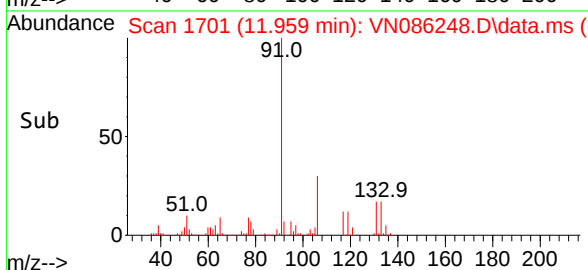
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

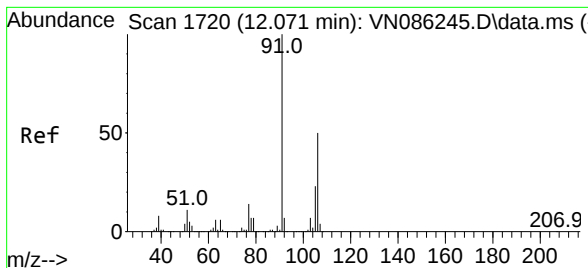


#66
Ethyl Benzene
Concen: 20.336 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34



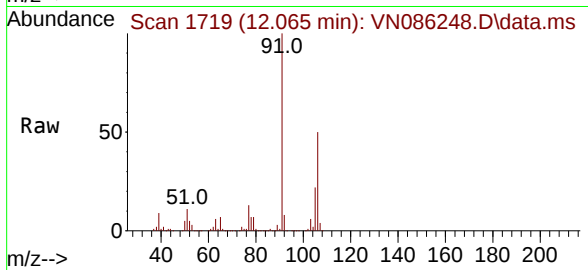
Tgt Ion: 91 Resp: 250686
Ion Ratio Lower Upper
91 100
106 30.4 23.4 35.0





#67
m/p-Xylenes
Concen: 40.633 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

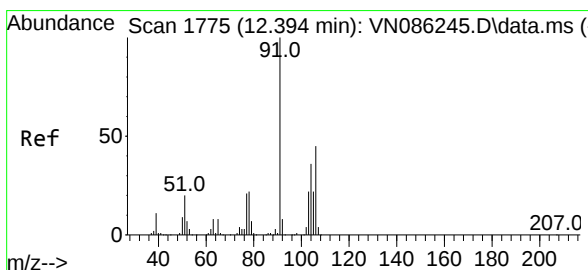
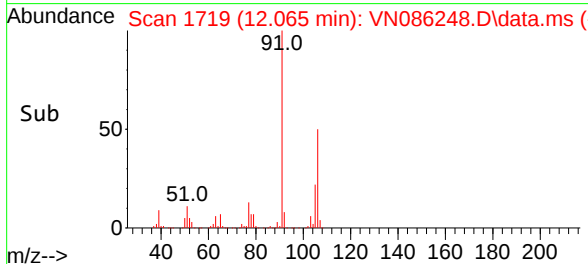
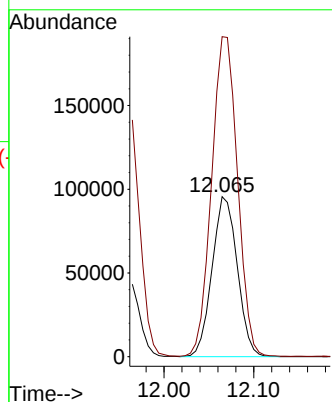
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041125



Tgt Ion:106 Resp: 18624
Ion Ratio Lower Upper
106 100
91 205.6 164.5 246.7

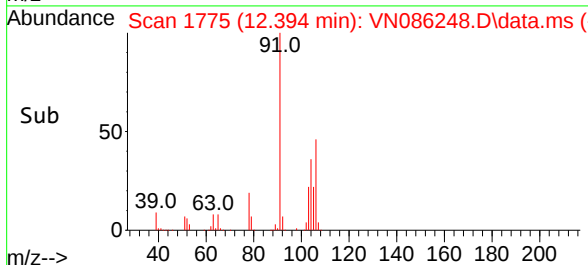
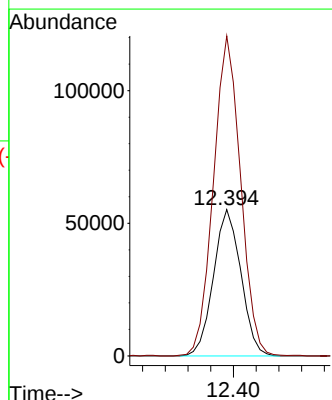
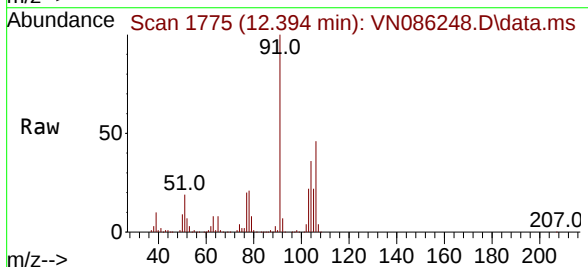
Manual Integrations
APPROVED

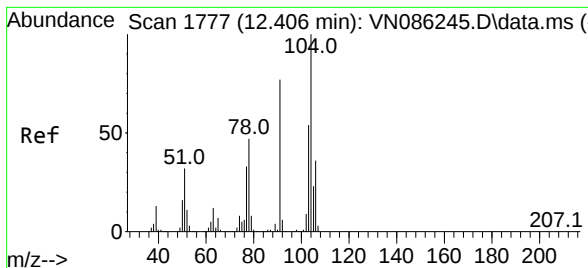
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#68
o-Xylene
Concen: 20.528 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

Tgt Ion:106 Resp: 92550
Ion Ratio Lower Upper
106 100
91 216.2 109.8 329.4





#69

Styrene

Concen: 20.281 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VN086248.D

Acq: 11 Apr 2025 13:34

Instrument :

MSVOA_N

ClientSampleId :

ICVVN041125

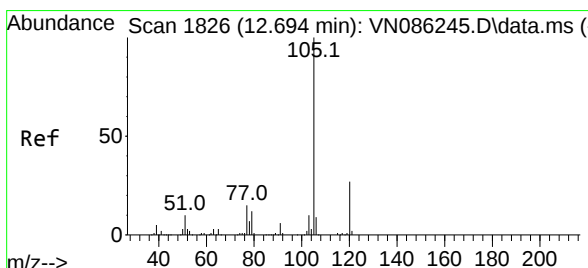
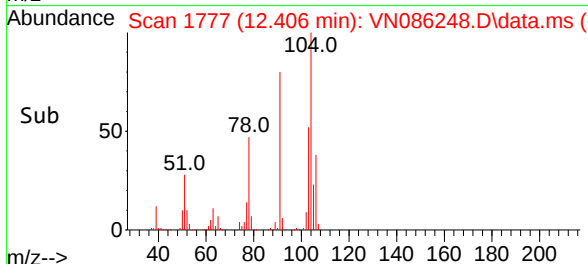
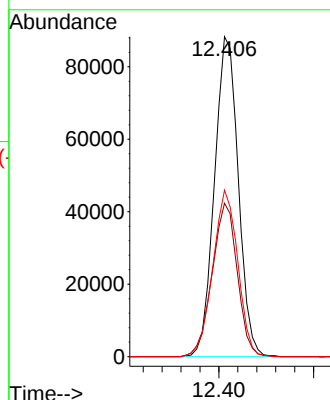
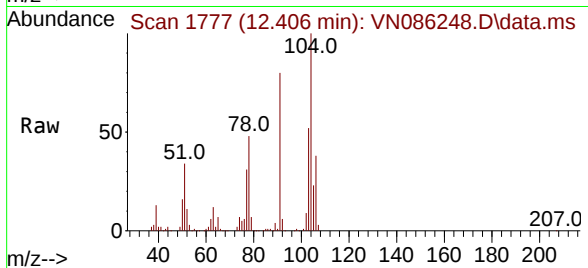
Tgt Ion:104	Resp: 154208
Ion Ratio	Lower Upper
104 100	
78 50.6	41.4 62.0
103 54.6	44.2 66.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#70

Isopropylbenzene

Concen: 20.275 ug/l

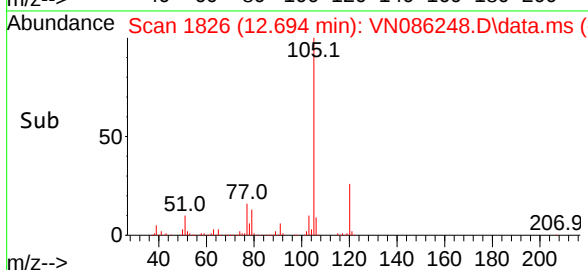
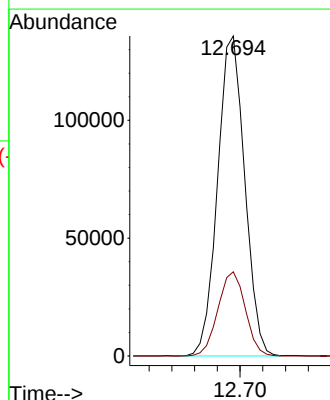
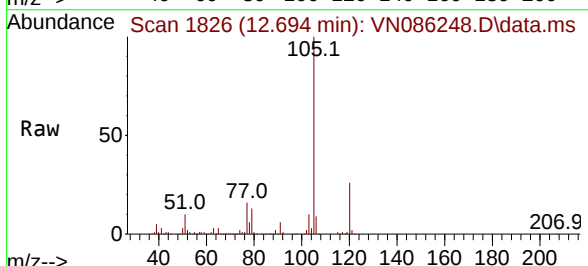
RT: 12.694 min Scan# 1826

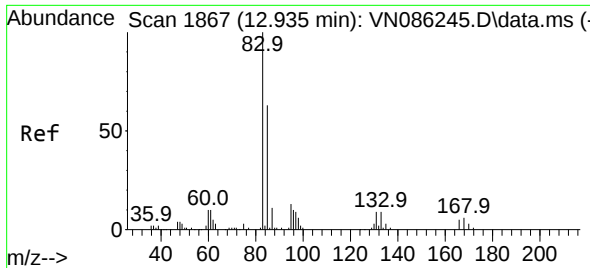
Delta R.T. 0.000 min

Lab File: VN086248.D

Acq: 11 Apr 2025 13:34

Tgt Ion:105	Resp: 225389
Ion Ratio	Lower Upper
105 100	
120 26.4	18.3 34.1





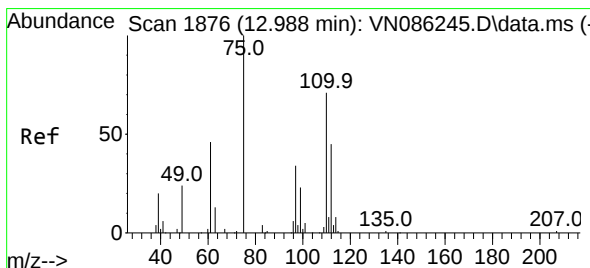
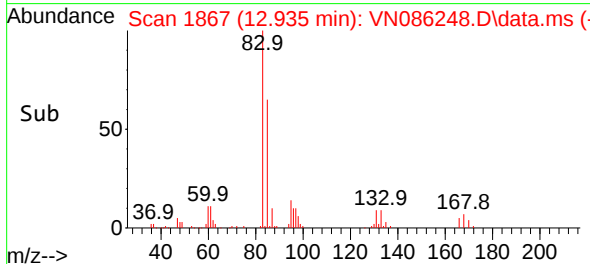
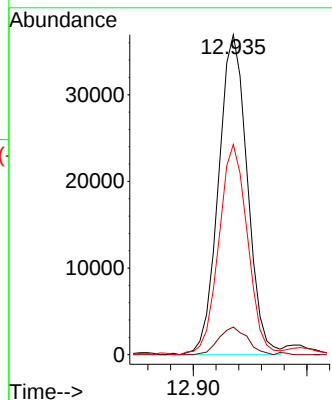
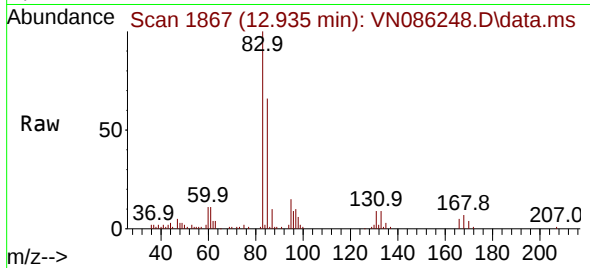
#71
1,1,2,2-Tetrachloroethane
Concen: 20.516 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

Instrument :
MSVOA_N
ClientSampleId :
ICVVN041125

Tgt Ion: 83 Resp: 64915
Ion Ratio Lower Upper
83 100
131 8.6 4.8 14.3
85 65.4 32.3 96.8

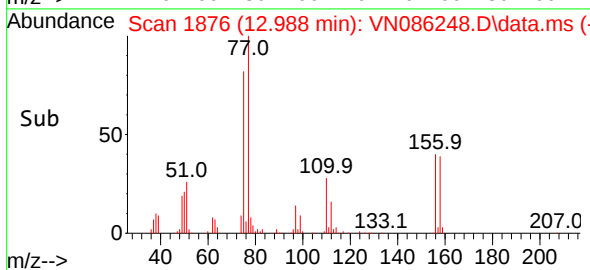
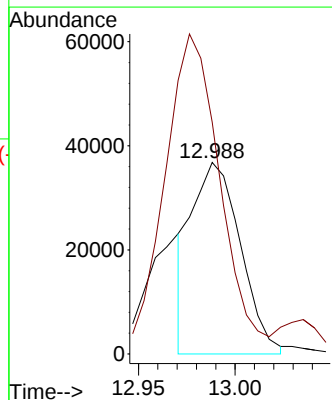
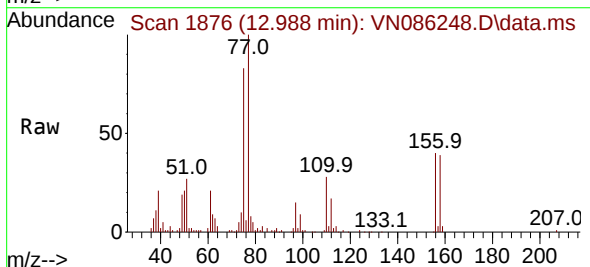
Manual Integrations
APPROVED

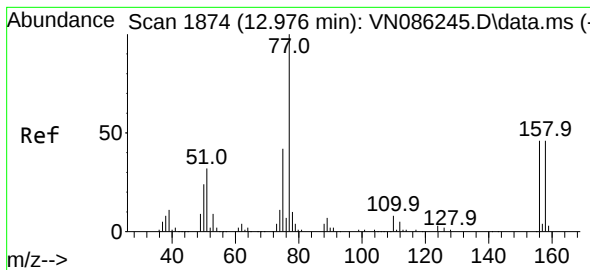
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#72
1,2,3-Trichloropropane
Concen: 19.534 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

Tgt Ion: 75 Resp: 64339
Ion Ratio Lower Upper
75 100
77 191.4 0.0 380.0





#73

Bromobenzene

Concen: 19.870 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN086248.D

Acq: 11 Apr 2025 13:34

Instrument :

MSVOA_N

ClientSampleId :

ICVVN041125

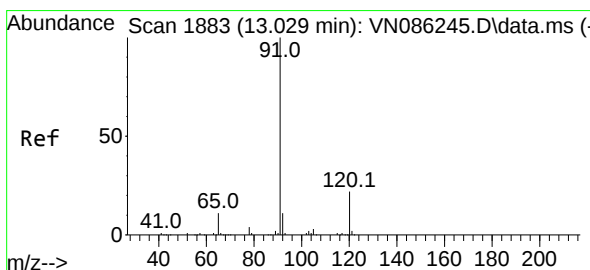
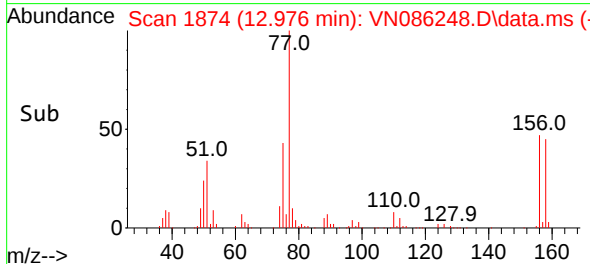
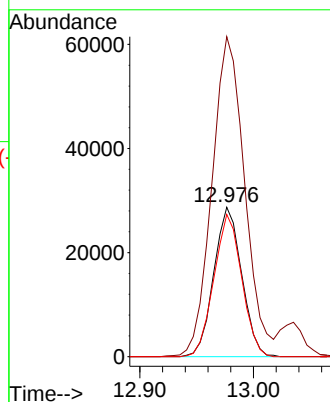
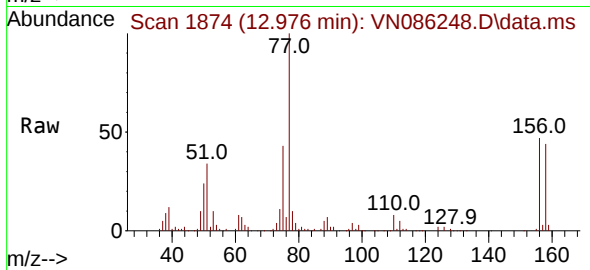
Tgt Ion:156 Resp: 48932
 Ion Ratio Lower Upper
 156 100
 77 251.7 0.0 505.2
 158 95.0 0.0 195.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#74

n-propylbenzene

Concen: 20.227 ug/l

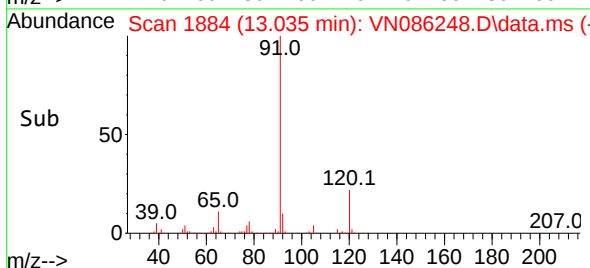
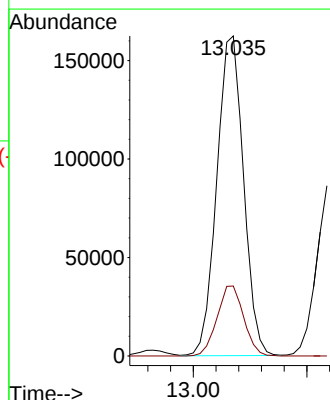
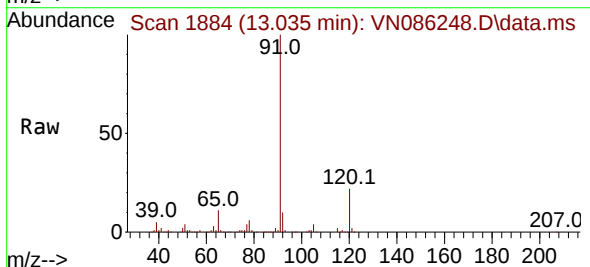
RT: 13.035 min Scan# 1884

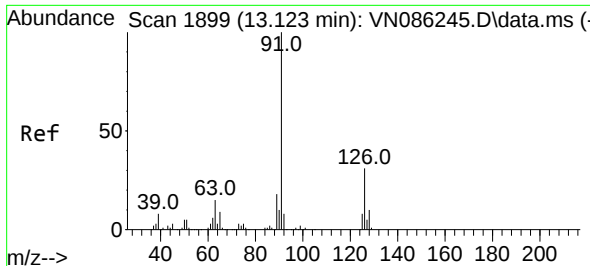
Delta R.T. 0.006 min

Lab File: VN086248.D

Acq: 11 Apr 2025 13:34

Tgt Ion: 91 Resp: 265507
 Ion Ratio Lower Upper
 91 100
 120 21.8 0.0 44.0





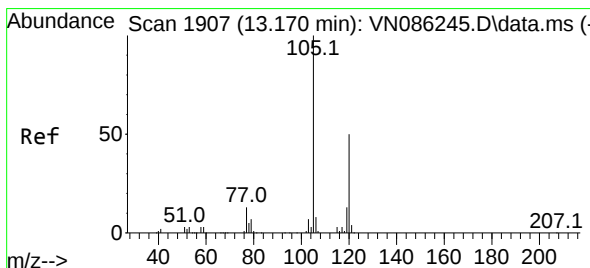
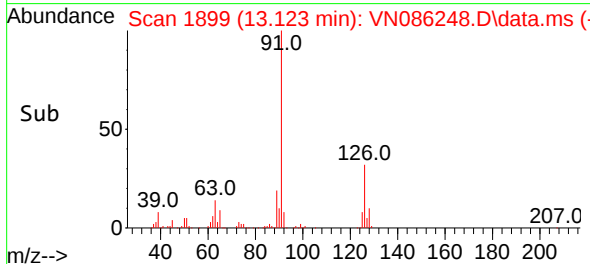
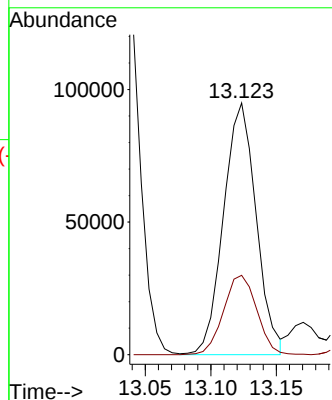
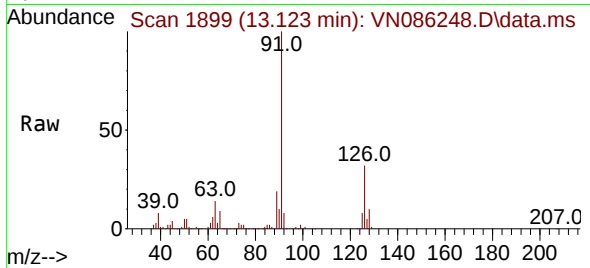
#75
2-Chlorotoluene
Concen: 19.943 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

Instrument :
MSVOA_N
ClientSampleId :
ICVVN041125

Tgt Ion: 91 Resp: 164538
Ion Ratio Lower Upper
91 100
126 32.1 0.0 63.4

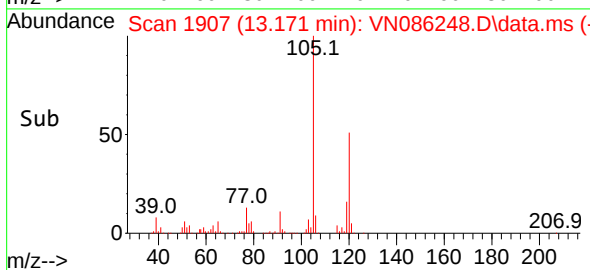
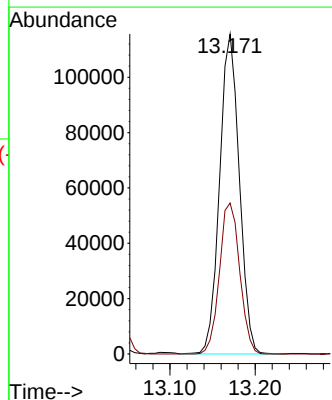
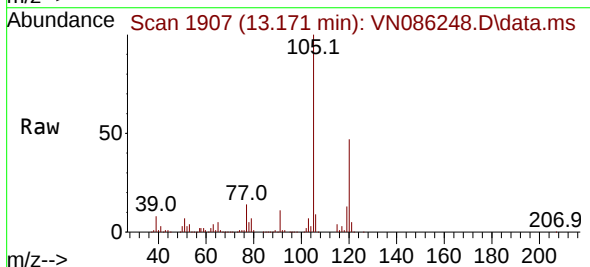
Manual Integrations
APPROVED

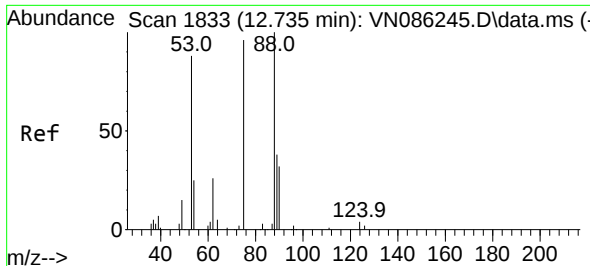
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#76
1,3,5-Trimethylbenzene
Concen: 20.354 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

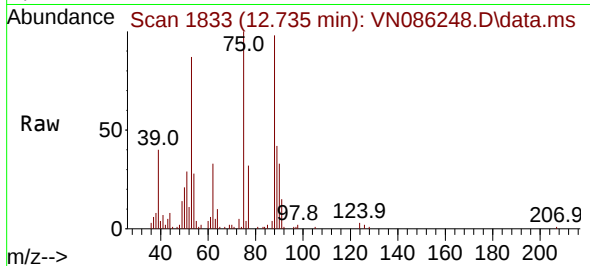
Tgt Ion:105 Resp: 185869
Ion Ratio Lower Upper
105 100
120 48.5 0.0 98.0





#77
t-1,4-Dichloro-2-butene
Concen: 19.590 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

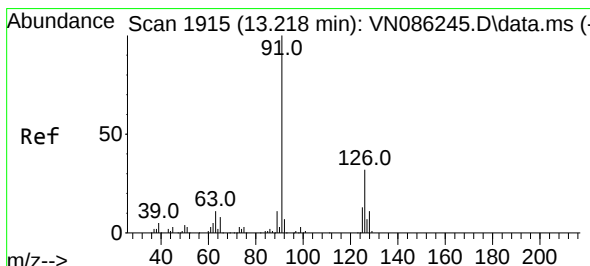
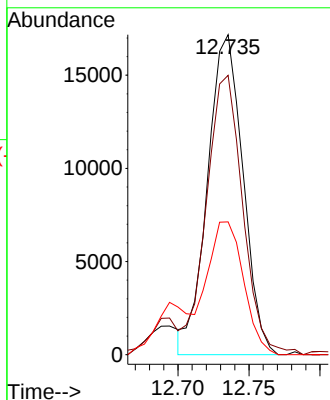
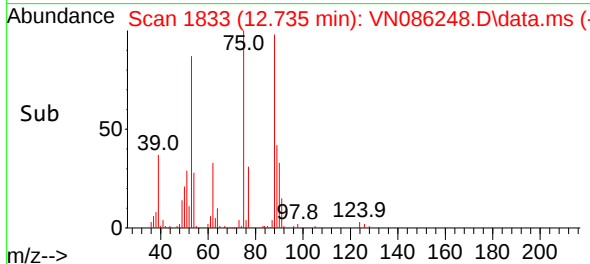
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041125



Tgt Ion: 75 Resp: 29750
Ion Ratio Lower Upper
75 100
53 85.0 46.4 139.2
89 41.5 22.5 67.5

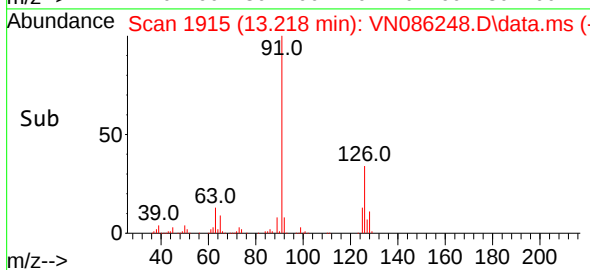
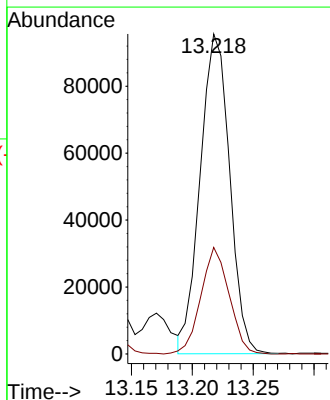
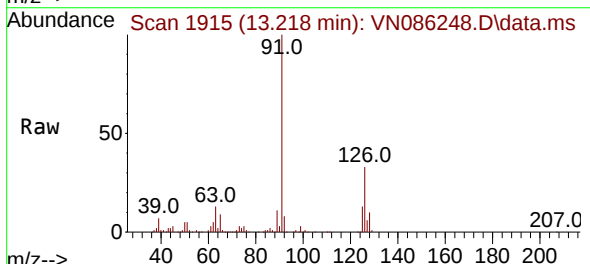
Manual Integrations
APPROVED

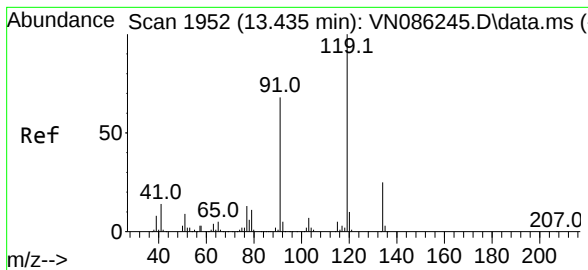
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#78
4-Chlorotoluene
Concen: 19.528 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

Tgt Ion: 91 Resp: 160908
Ion Ratio Lower Upper
91 100
126 31.9 0.0 63.2





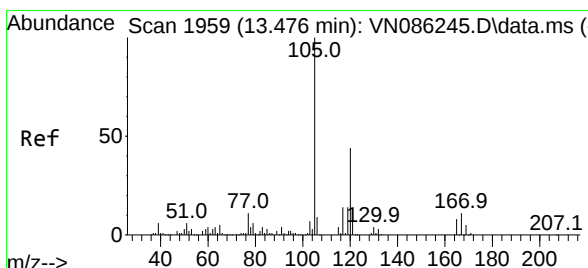
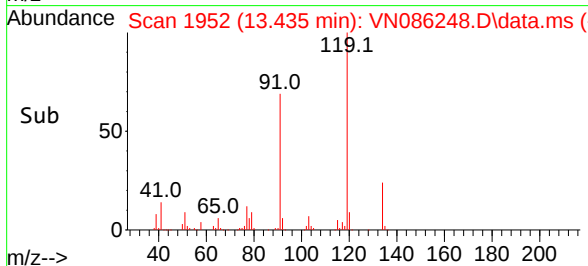
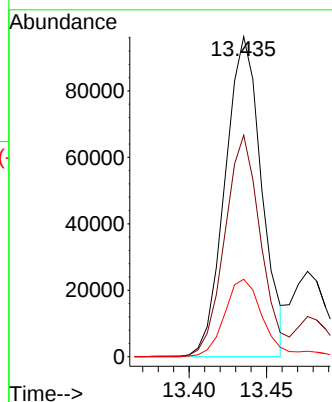
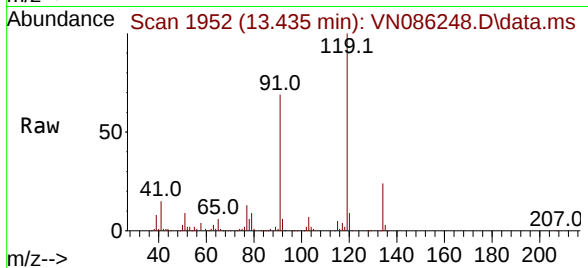
#79
tert-butylbenzene
Concen: 20.021 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

Instrument :
MSVOA_N
ClientSampleId :
ICVVN041125

Tgt Ion:119 Resp: 158200
Ion Ratio Lower Upper
119 100
91 68.6 0.0 136.6
134 24.9 0.0 49.4

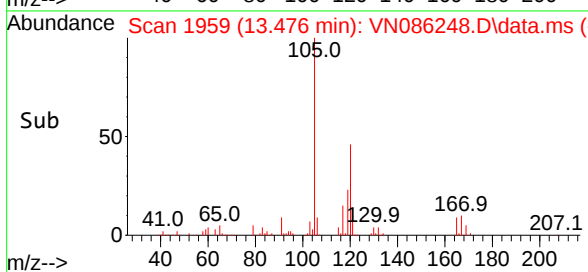
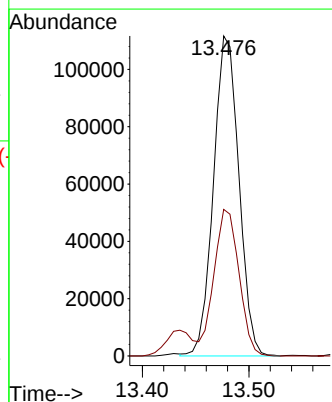
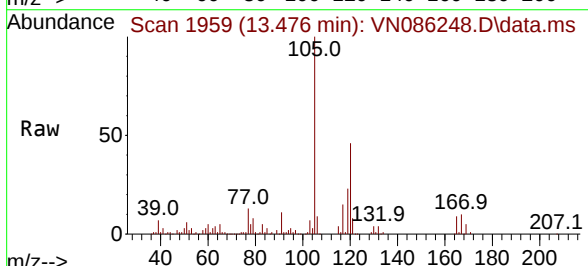
Manual Integrations
APPROVED

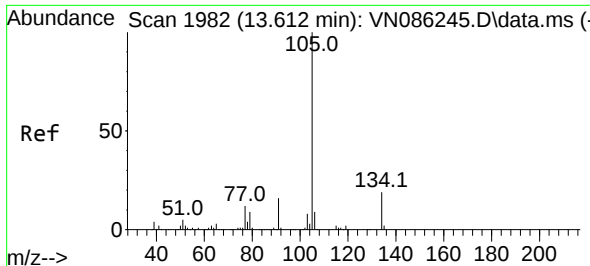
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#80
1,2,4-Trimethylbenzene
Concen: 19.981 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

Tgt Ion:105 Resp: 185022
Ion Ratio Lower Upper
105 100
120 44.9 0.0 91.0





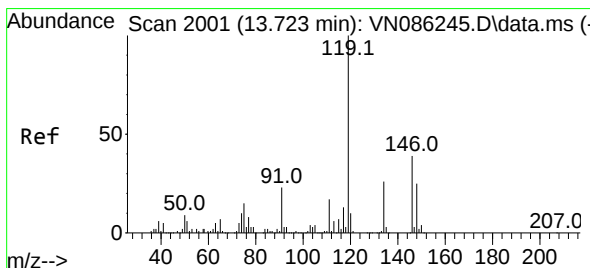
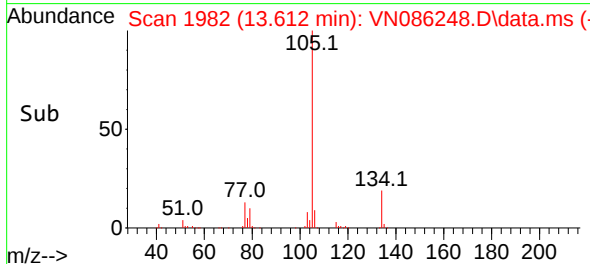
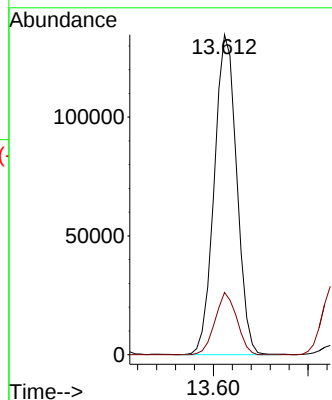
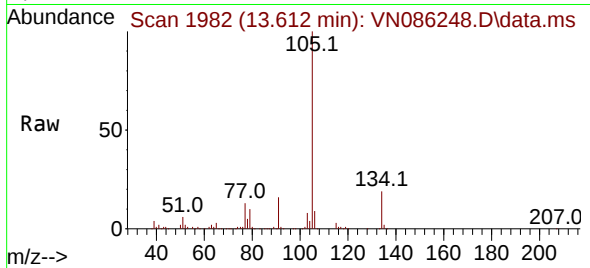
#81
 sec-Butylbenzene
 Concen: 20.145 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086248.D
 Acq: 11 Apr 2025 13:34

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN041125

Tgt Ion:105 Resp: 22204
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 38.6

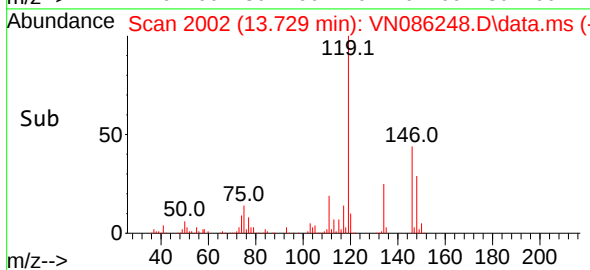
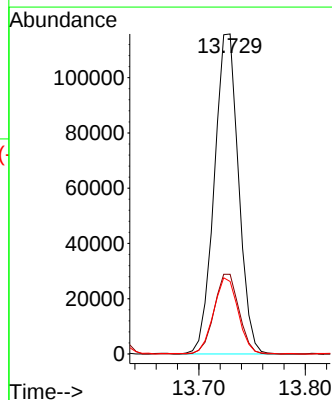
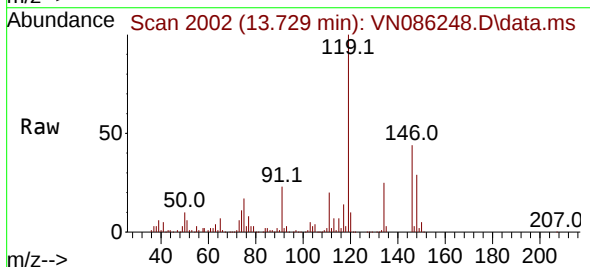
Manual Integrations
 APPROVED

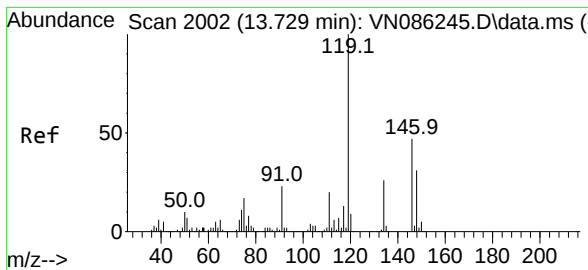
Reviewed By :John Carlone 04/14/2025
 Supervised By :Mahesh Dadoda 04/14/2025



#82
 p-Isopropyltoluene
 Concen: 19.959 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN086248.D
 Acq: 11 Apr 2025 13:34

Tgt Ion:119 Resp: 183515
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 51.6
 91 24.1 0.0 48.2





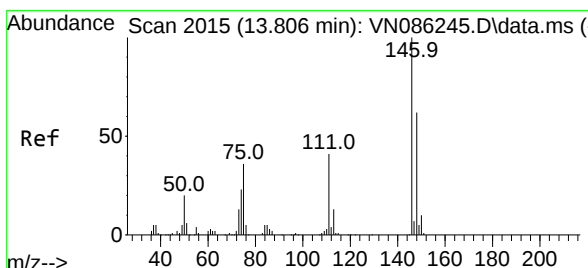
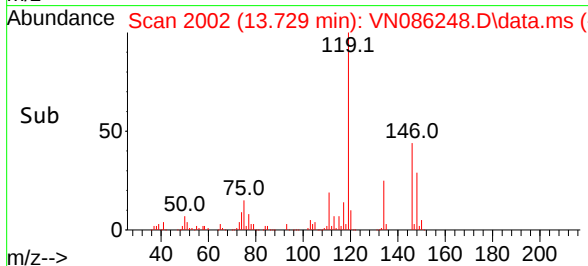
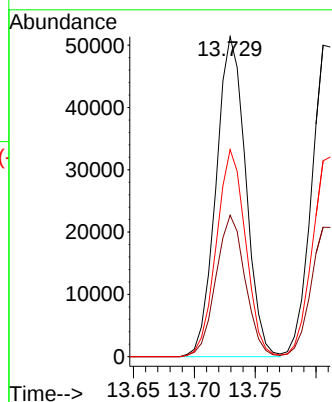
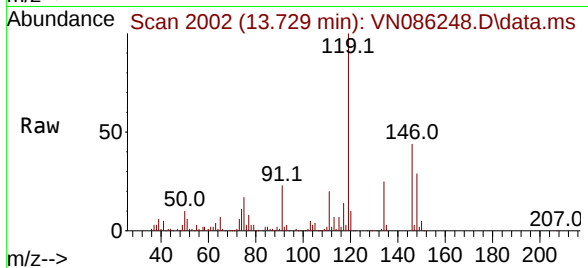
#83
1,3-Dichlorobenzene
Concen: 19.047 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

Instrument :
MSVOA_N
ClientSampleId :
ICVVN041125

Tgt Ion:146 Resp: 87179
Ion Ratio Lower Upper
146 100
111 43.7 21.7 65.1
148 63.7 32.3 96.8

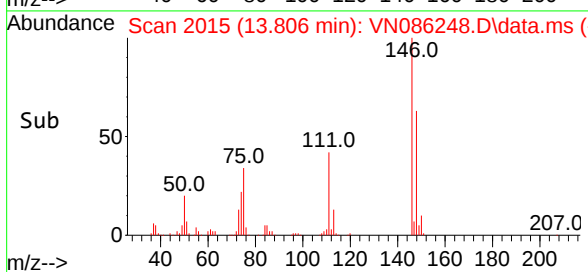
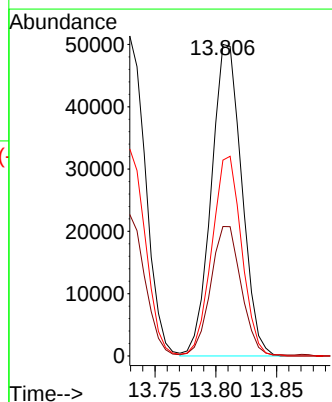
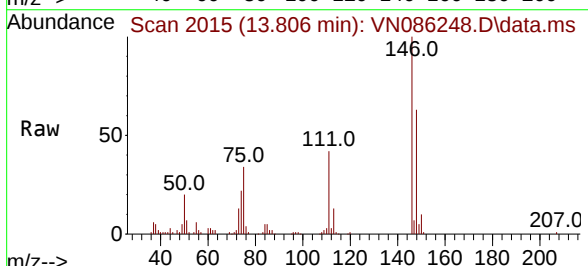
Manual Integrations
APPROVED

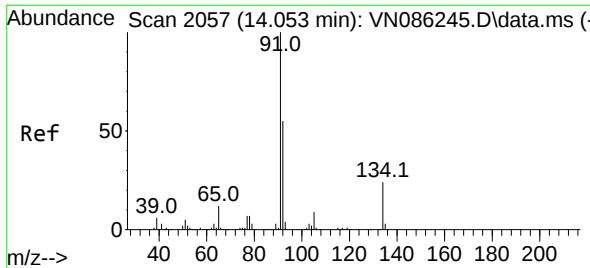
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#84
1,4-Dichlorobenzene
Concen: 18.923 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

Tgt Ion:146 Resp: 86888
Ion Ratio Lower Upper
146 100
111 41.7 20.8 62.4
148 62.7 31.9 95.5





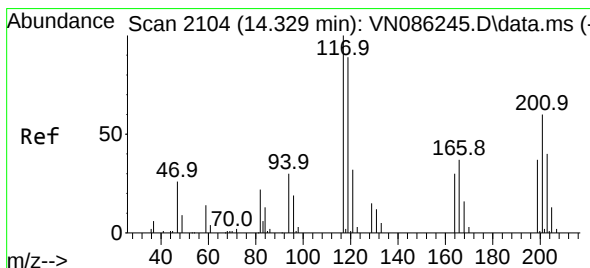
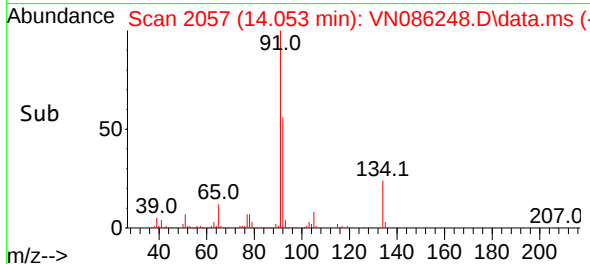
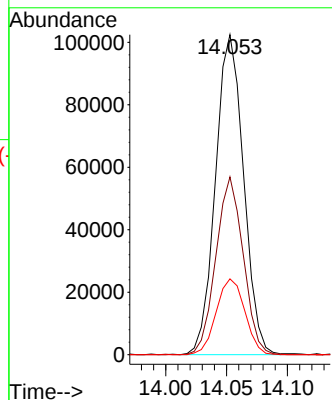
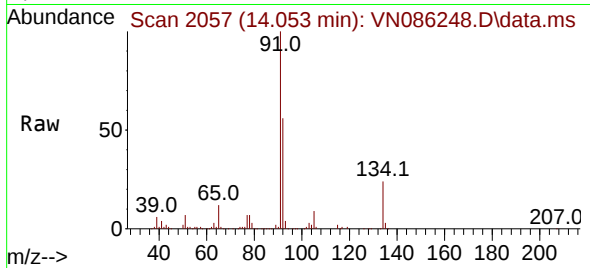
#85
n-Butylbenzene
Concen: 19.828 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

Instrument :
MSVOA_N
ClientSampleId :
ICVVN041125

Tgt Ion: 91 Resp: 16447
Ion Ratio Lower Upper
91 100
92 53.9 0.0 109.4
134 24.1 0.0 48.2

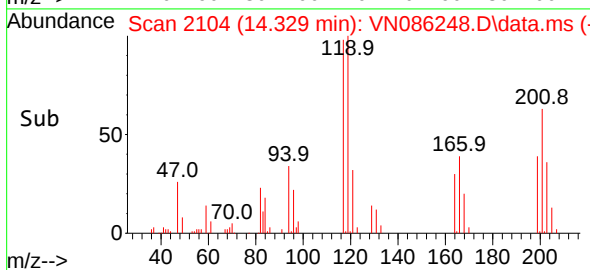
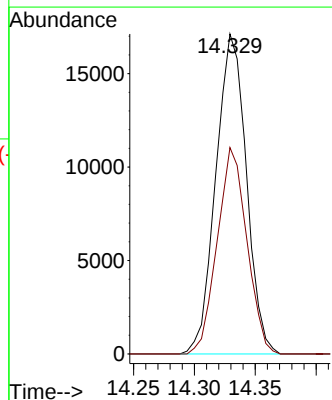
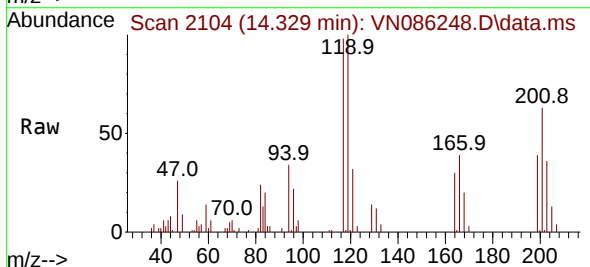
Manual Integrations
APPROVED

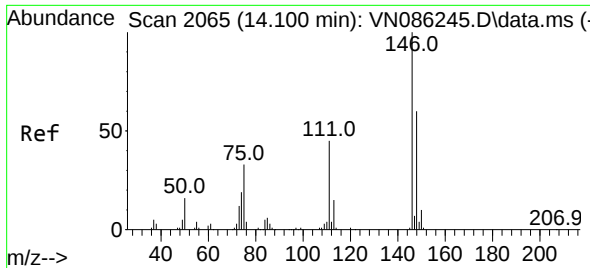
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#86
Hexachloroethane
Concen: 19.245 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

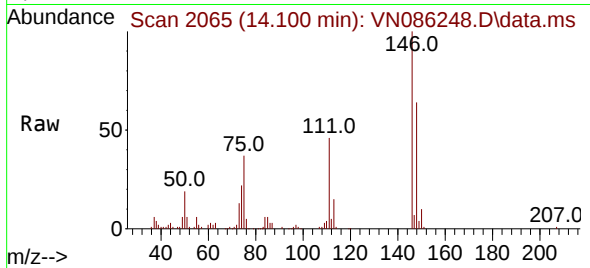
Tgt Ion:117 Resp: 29849
Ion Ratio Lower Upper
117 100
201 62.7 30.9 92.8





#87
1,2-Dichlorobenzene
Concen: 18.727 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

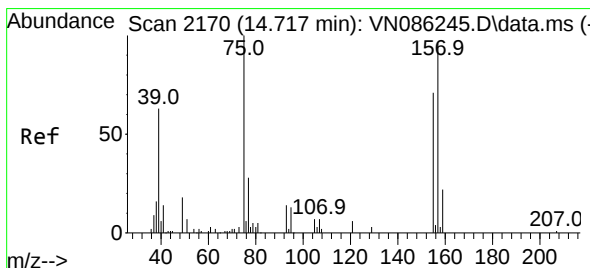
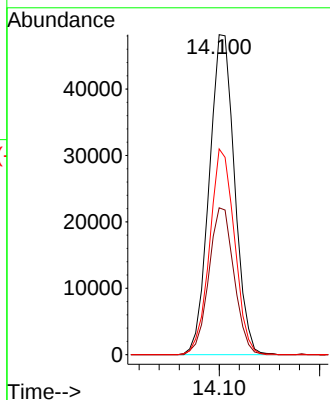
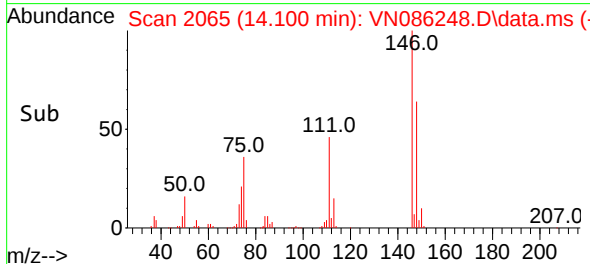
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041125



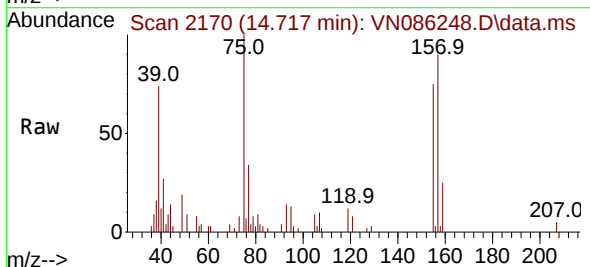
Tgt Ion:146 Resp: 8463
Ion Ratio Lower Upper
146 100
111 45.8 22.7 68.0
148 63.1 31.8 95.3

Manual Integrations
APPROVED

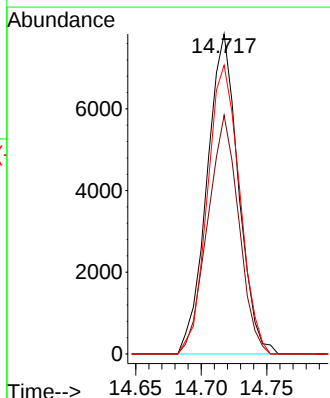
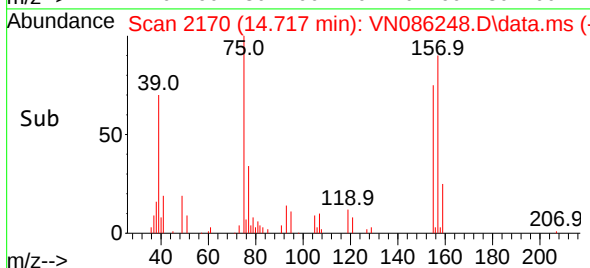
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

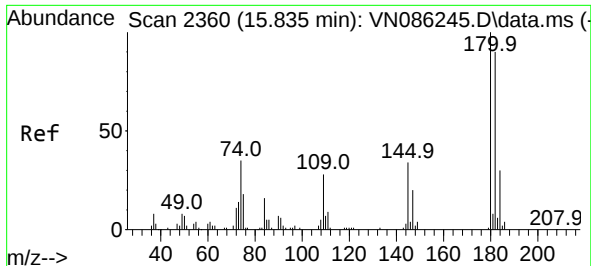


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.109 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34



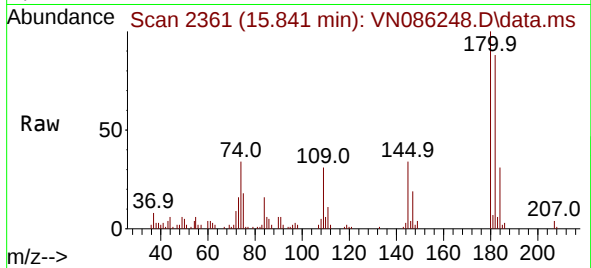
Tgt Ion: 75 Resp: 13051
Ion Ratio Lower Upper
75 100
155 73.8 60.3 90.5
157 92.5 79.0 118.4





#89
1,2,4-Trichlorobenzene
Concen: 18.826 ug/l
RT: 15.841 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

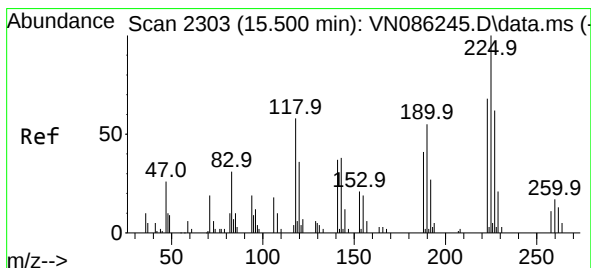
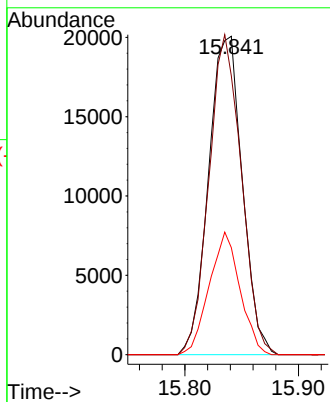
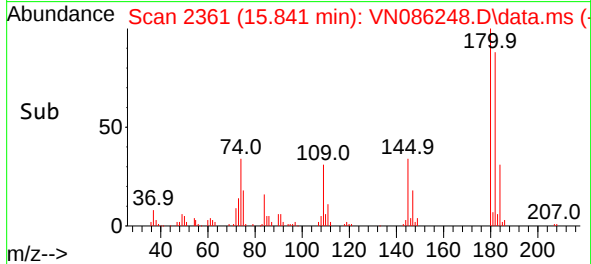
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041125



Tgt Ion:180 Resp: 41390
Ion Ratio Lower Upper
180 100
182 96.3 75.1 112.7
145 35.2 27.1 40.7

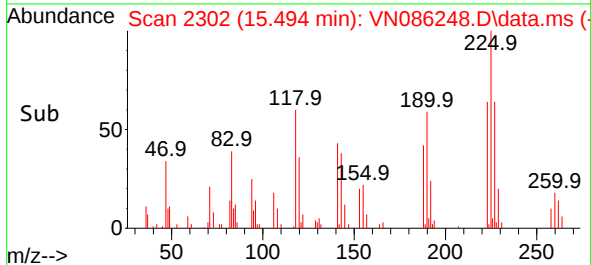
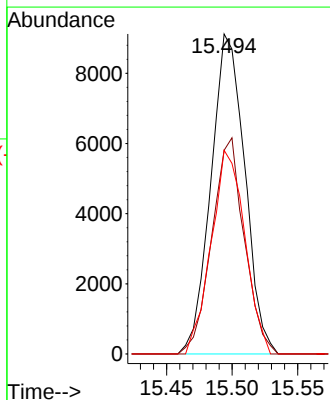
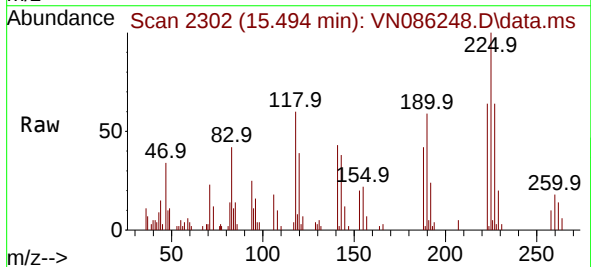
Manual Integrations
APPROVED

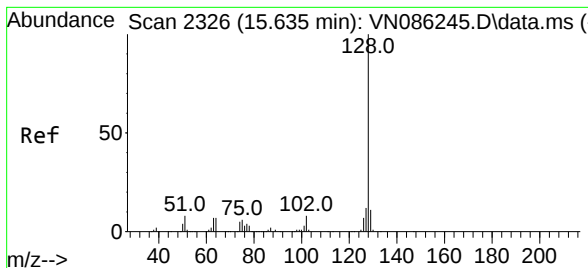
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#90
Hexachlorobutadiene
Concen: 17.262 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

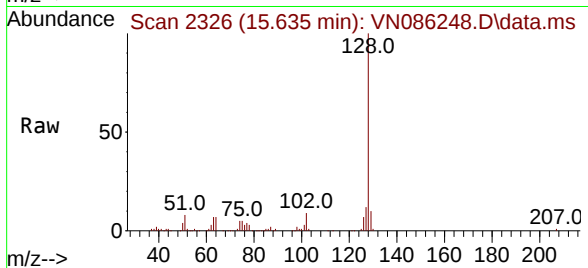
Tgt Ion:225 Resp: 16389
Ion Ratio Lower Upper
225 100
223 64.7 0.0 130.0
227 63.3 0.0 123.2





#91
Naphthalene
Concen: 18.155 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34

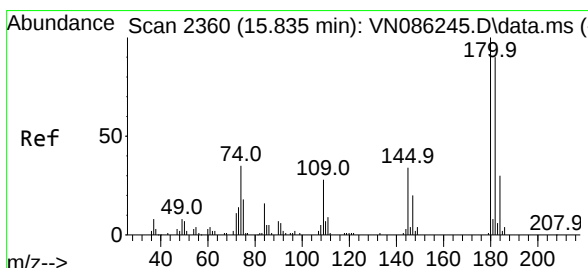
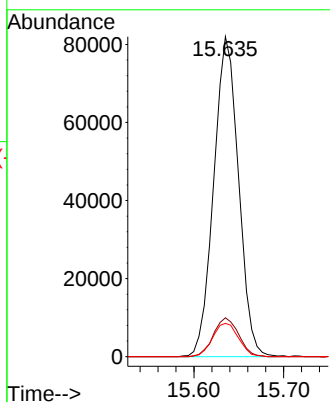
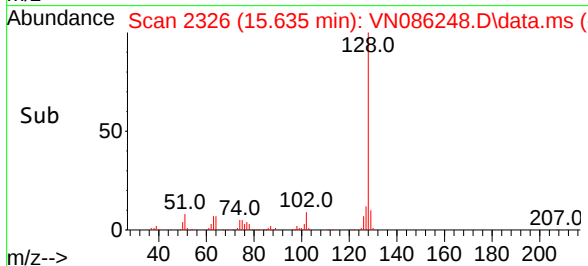
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041125



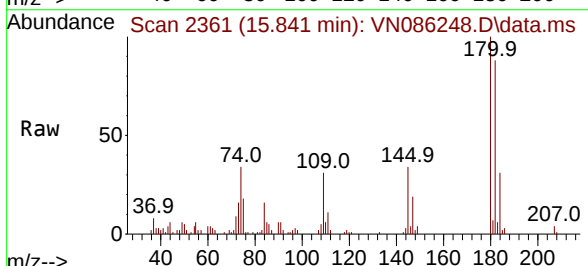
Tgt Ion:128 Resp: 157404
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.2
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#92
1,2,3-Trichlorobenzene
Concen: 18.826 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN086248.D
Acq: 11 Apr 2025 13:34



Tgt Ion:180 Resp: 41396
Ion Ratio Lower Upper
180 100
182 96.3 0.0 187.8
145 35.2 0.0 67.8

