

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050725\
 Data File : VN086529.D
 Acq On : 07 May 2025 11:38
 Operator : JC\MD
 Sample : VN0507WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507WBS01

Quant Time: May 08 03:24:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 24 04:42:24 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/08/2025
 Supervised By : Mahesh Dadoda 05/08/2025

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

Internal Standards						
1) Bromochloromethane	7.812	128	35227	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	207904	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	189799	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	95686	28.173	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	93.900%		
60) 4-Bromofluorobenzene	12.847	95	105269	28.220	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	94.067%		
63) Toluene-d8	10.565	98	306966	29.398	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	49693	20.433	ug/l	100
3) Chloromethane	2.360	50	61410	17.776	ug/l	98
4) Vinyl Chloride	2.512	62	59994	18.132	ug/l	100
5) Bromomethane	2.965	94	35421	20.505	ug/l	100
6) Chloroethane	3.124	64	39632	17.967	ug/l	95
7) Trichlorofluoromethane	3.501	101	85177	21.809	ug/l	100
8) Diethyl Ether	3.959	74	32787	19.888	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	51857	21.598	ug/l	99
10) 1,1-Dichloroethene	4.348	96	50156	20.409	ug/l	93
11) Methyl Iodide	4.589	142	61346	21.334	ug/l	94
12) Methyl Acetate	5.018	43	59835	17.178	ug/l	97
13) Acrolein	4.177	56	19913	124.053	ug/l	98
14) Acrylonitrile	5.718	53	123799	95.493	ug/l	99
15) Acetone	4.424	58	31547	88.309	ug/l	87
16) Carbon Disulfide	4.712	76	128162	19.791	ug/l	96
17) Allyl chloride	5.024	41	73712	18.758	ug/l	93
18) Methylene Chloride	5.277	84	56521	20.196	ug/l	94
19) trans-1,2-Dichloroethene	5.783	96	53643	20.479	ug/l	94
20) Diisopropyl ether	6.671	45	170573	18.256	ug/l	96
21) 1,1-Dichloroethane	6.565	63	98864	19.331	ug/l	97
22) cis-1,2-Dichloroethene	7.483	96	66113	20.185	ug/l	93
23) tert-Butyl Alcohol	5.512	59	51585	102.716	ug/l #	15
24) Methyl tert-Butyl Ether	5.795	73	180212	19.847	ug/l	98
25) Chloroform	7.965	83	102100	19.725	ug/l	97
26) Cyclohexane	8.253	56	82419	18.251	ug/l #	94
29) 1,1-Dichloropropene	8.365	75	72698	19.835	ug/l	98
30) 2-Butanone	7.477	43	166883	93.809	ug/l	98
31) 2,2-Dichloropropane	7.483	77	93070	19.754	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	90682	20.705	ug/l	99
33) Carbon Tetrachloride	8.359	117	77346	21.452	ug/l	100
34) Benzene	8.600	78	228956	19.640	ug/l	98
35) Methacrylonitrile	7.777	41	36565	18.018	ug/l	97
36) 1,2-Dichloroethane	8.665	62	76770	20.284	ug/l	98
37) Trichloroethene	9.347	130	60401	20.697	ug/l	94
38) Methylcyclohexane	9.600	83	83891	19.818	ug/l	96
39) 1,2-Dichloropropane	9.618	63	54930	19.073	ug/l	95
40) Dibromomethane	9.706	93	38721	20.105	ug/l	90
41) Bromodichloromethane	9.883	83	81178	19.918	ug/l	98
42) Vinyl Acetate	6.600	43	609823	98.957	ug/l	98

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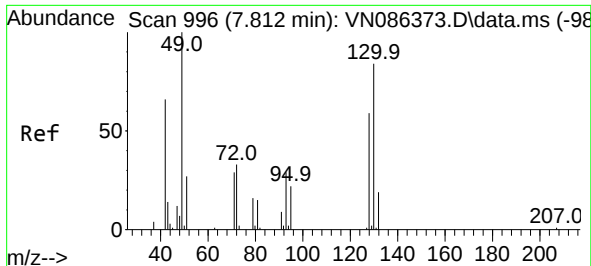
Manual Integrations
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Reviewed By : John Carlone 05/08/2025
 Supervised By : Mahesh Dadoda 05/08/2025

Quant Time: May 08 03:24:48 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	61094	17.354	ug/l	99
44) Isopropyl Acetate	8.683	43	125550	18.790	ug/l	100
45) 1,4-Dioxane	9.688	88	22655	434.568	ug/l	91
46) Methyl methacrylate	9.677	41	56069	18.192	ug/l	98
47) n-amyl Acetate	12.488	43	99917	17.545	ug/l	100
48) t-1,3-Dichloropropene	10.830	75	87215	19.141	ug/l	97
49) cis-1,3-Dichloropropene	10.306	75	91912	19.128	ug/l	96
50) 1,1,2-Trichloroethane	11.012	97	55429	20.605	ug/l	98
51) Ethyl methacrylate	10.871	69	88826	18.959	ug/l	96
52) 1,3-Dichloropropane	11.159	76	93003	19.561	ug/l	99
53) Dibromochloromethane	11.353	129	61725	20.434	ug/l	99
54) 1,2-Dibromoethane	11.465	107	55476	20.282	ug/l	100
55) 2-Chloroethyl vinyl ether	10.153	63	183472	83.292	ug/l	97
56) Bromoform	12.577	173	40060	20.436	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	347579	94.634	ug/l	98
59) 2-Hexanone	11.194	43	250616	92.593	ug/l	98
61) Tetrachloroethene	11.100	164	63549	21.953	ug/l	97
62) Toluene	10.630	91	259875	20.456	ug/l	100
64) Chlorobenzene	11.888	112	165779	20.942	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	56045	21.174	ug/l	99
66) Ethyl Benzene	11.959	91	285109	19.937	ug/l	100
67) m/p-Xylenes	12.065	106	219872	40.523	ug/l	98
68) o-Xylene	12.394	106	107590	20.252	ug/l	95
69) Styrene	12.406	104	174917	19.425	ug/l	99
70) Isopropylbenzene	12.694	105	268091	20.216	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	72423	20.740	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	69523m	22.837	ug/l	
73) Bromobenzene	12.976	156	64061	21.011	ug/l	91
74) n-propylbenzene	13.029	91	308169	19.555	ug/l	98
75) 2-Chlorotoluene	13.124	91	192394	19.557	ug/l	98
76) 1,3,5-Trimethylbenzene	13.171	105	215137	19.771	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	26911	17.418	ug/l	97
78) 4-Chlorotoluene	13.218	91	190763	19.394	ug/l	98
79) tert-butylbenzene	13.435	119	188339	20.210	ug/l	96
80) 1,2,4-Trimethylbenzene	13.476	105	218972	19.704	ug/l	97
81) sec-Butylbenzene	13.612	105	258052	19.398	ug/l	97
82) p-Isopropyltoluene	13.724	119	218867	19.662	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	117137	20.324	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	115464	20.277	ug/l	98
85) n-Butylbenzene	14.053	91	182415	18.366	ug/l	99
86) Hexachloroethane	14.329	117	34453	18.929	ug/l	96
87) 1,2-Dichlorobenzene	14.100	146	112682	20.548	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.712	75	13383	18.856	ug/l	94
89) 1,2,4-Trichlorobenzene	15.835	180	52162	20.870	ug/l	99
90) Hexachlorobutadiene	15.500	225	21757	21.611	ug/l	96
91) Naphthalene	15.635	128	176502	19.725	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	52162	20.870	ug/l	99

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



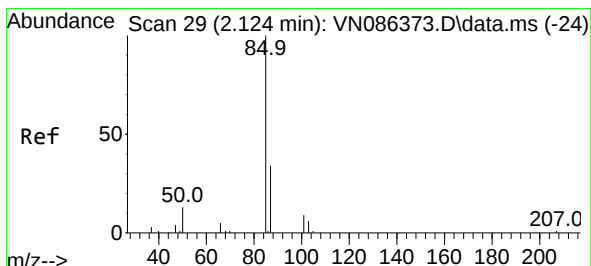
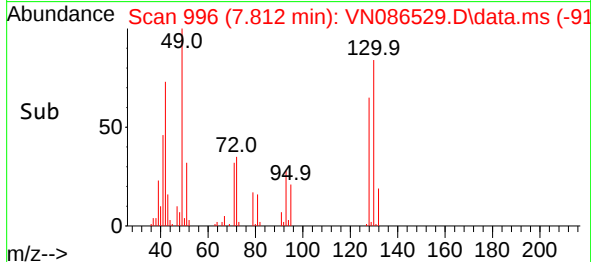
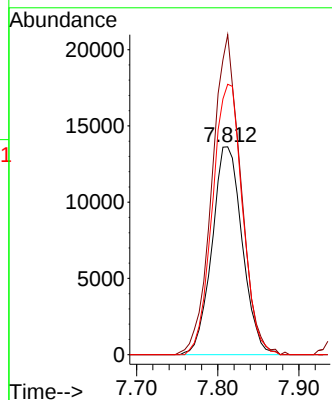
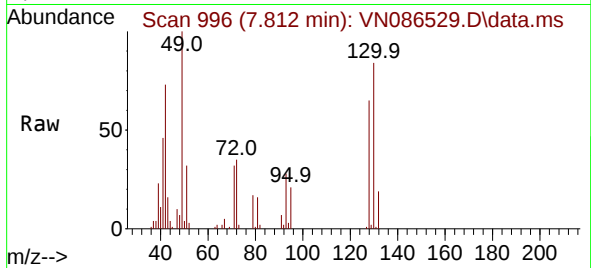
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

Tgt Ion:128 Resp: 3522
Ion Ratio Lower Upper
128 100
49 146.5 0.0 433.8
130 129.4 0.0 325.0

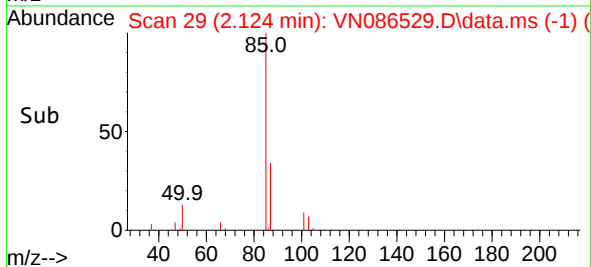
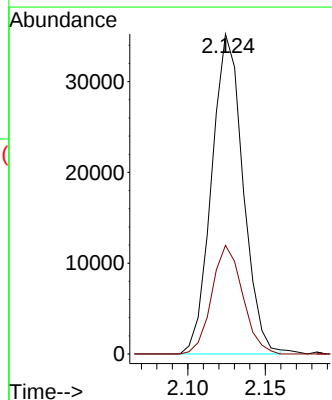
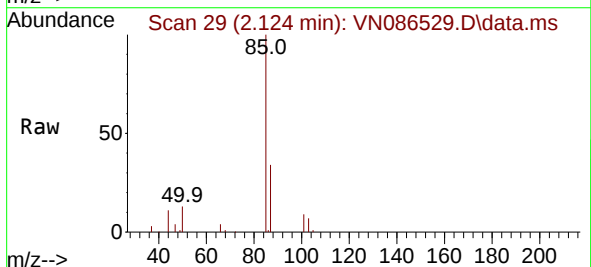
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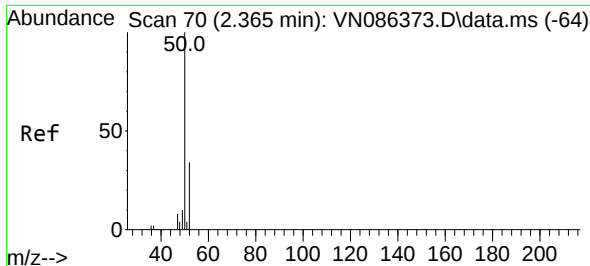
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#2
Dichlorodifluoromethane
Concen: 20.433 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

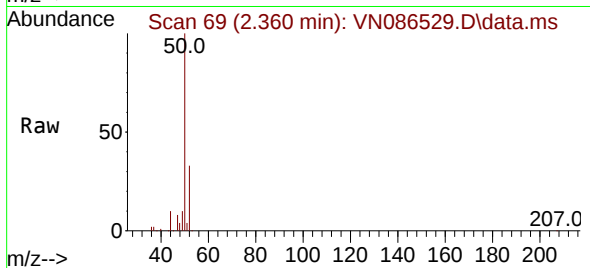
Tgt Ion: 85 Resp: 49693
Ion Ratio Lower Upper
85 100
87 34.0 17.0 50.9





#3
Chloromethane
Concen: 17.776 ug/l
RT: 2.360 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

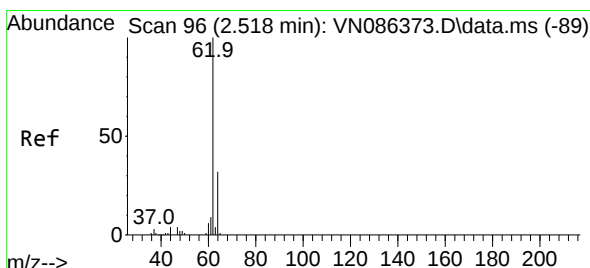
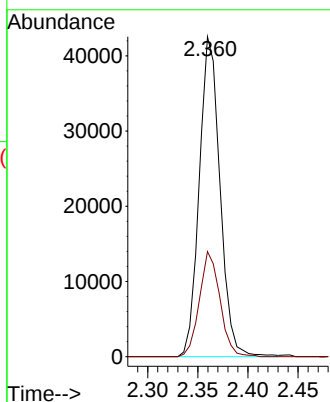
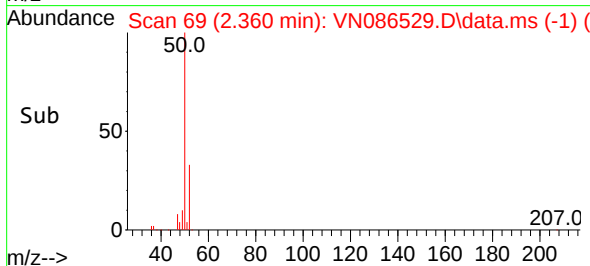
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01



Tgt Ion: 50 Resp: 61410
Ion Ratio Lower Upper
50 100
52 32.8 27.3 40.9

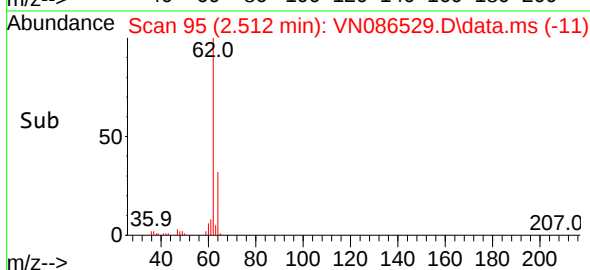
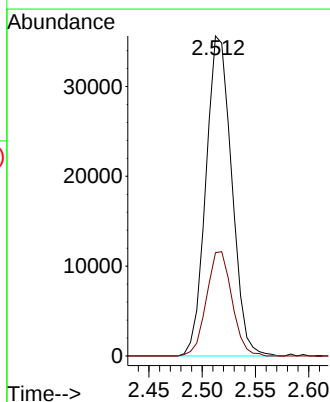
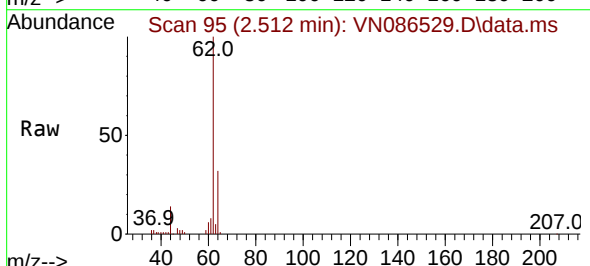
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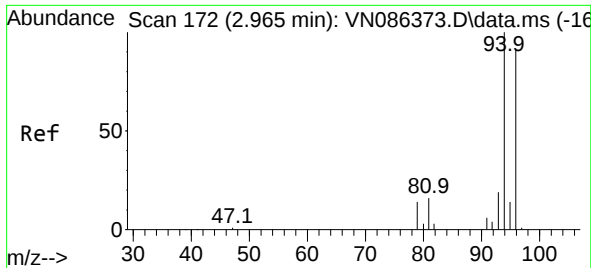
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#4
Vinyl Chloride
Concen: 18.132 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

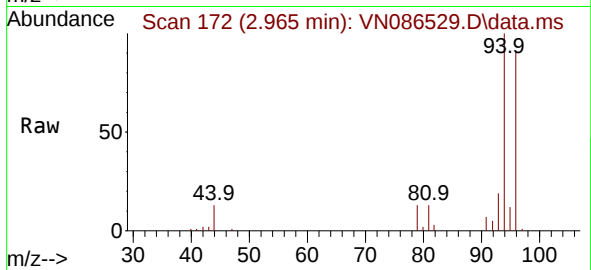
Tgt Ion: 62 Resp: 59994
Ion Ratio Lower Upper
62 100
64 32.2 25.8 38.8





#5
Bromomethane
Concen: 20.505 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

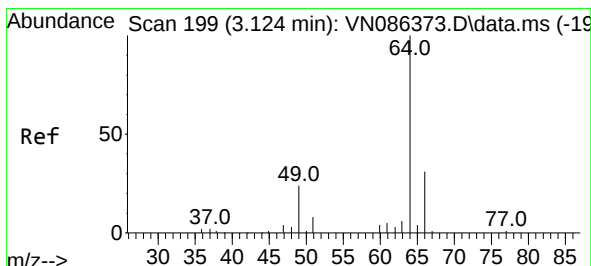
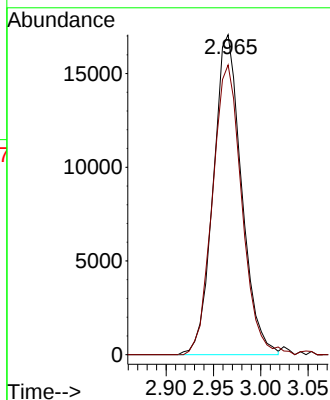
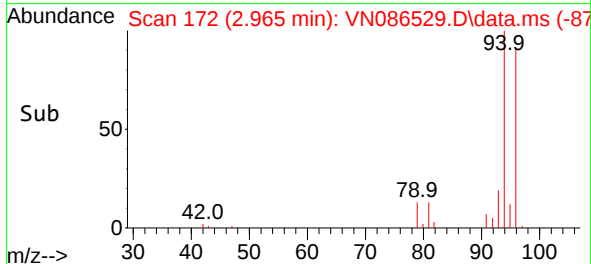
Instrument :
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ClientSampleId :
VN0507WBS01



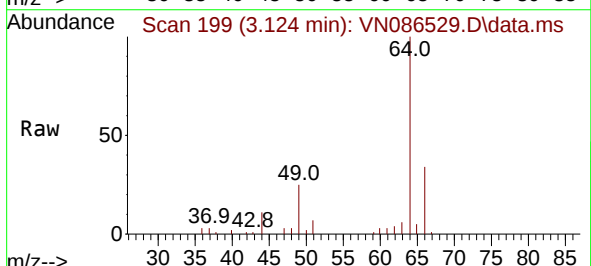
Tgt Ion: 94 Resp: 3542
Ion Ratio Lower Upper
94 100
96 90.6 72.4 108.6

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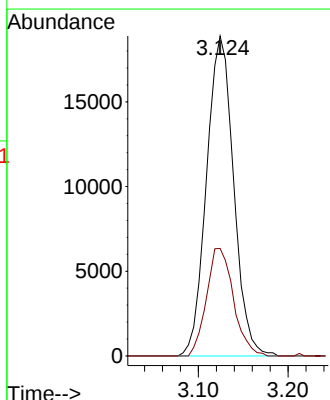
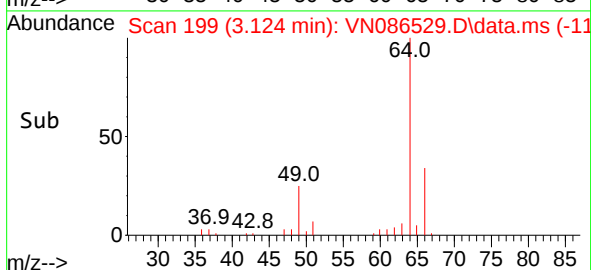
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Supervised By :Mahesh Dadoda 05/08/2025

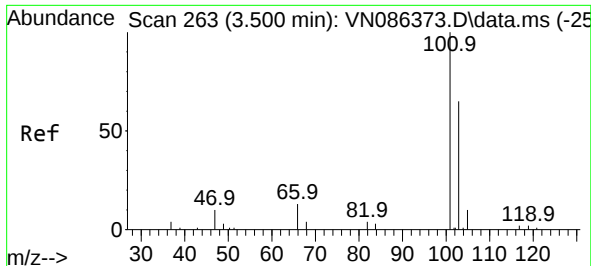


#6
Chloroethane
Concen: 17.967 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38



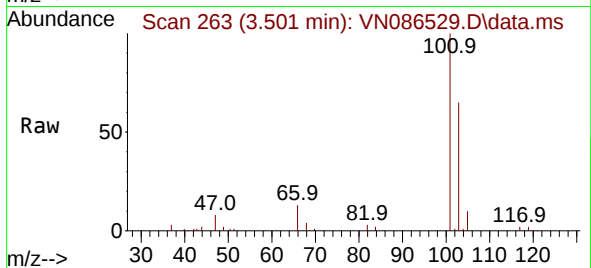
Tgt Ion: 64 Resp: 39632
Ion Ratio Lower Upper
64 100
66 33.6 24.5 36.7





#7
 Trichlorofluoromethane
 Concen: 21.809 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN086529.D
 Acq: 07 May 2025 11:38

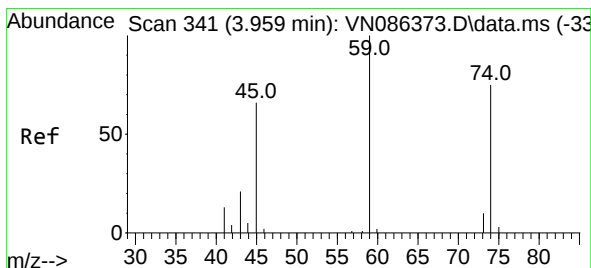
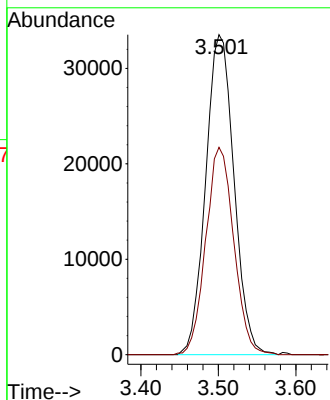
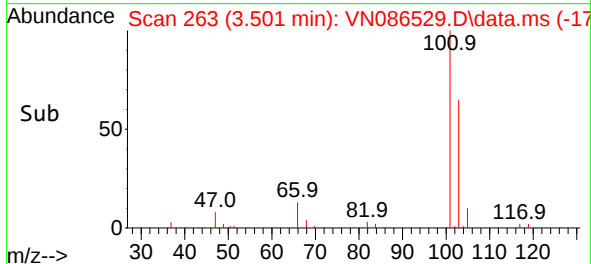
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Tgt Ion:101 Resp: 8517
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.8 77.6

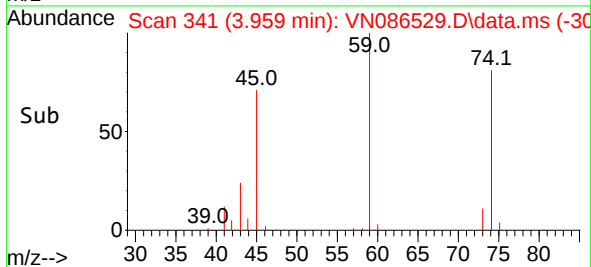
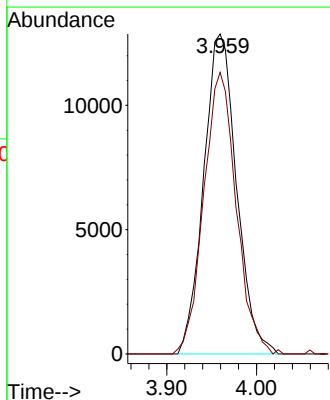
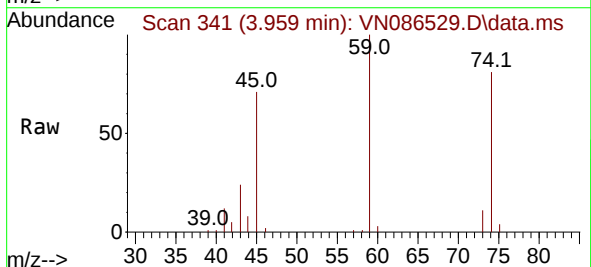
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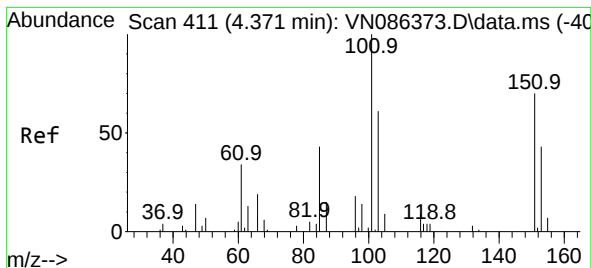
Reviewed By :John Carlone 05/08/2025
 Supervised By :Mahesh Dadoda 05/08/2025



#8
 Diethyl Ether
 Concen: 19.888 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN086529.D
 Acq: 07 May 2025 11:38

Tgt Ion: 74 Resp: 32787
 Ion Ratio Lower Upper
 74 100
 45 86.8 18.5 166.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.598 ug/l

RT: 4.371 min Scan# 411

Delta R.T. 0.000 min

Lab File: VN086529.D

Acq: 07 May 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0507WBS01

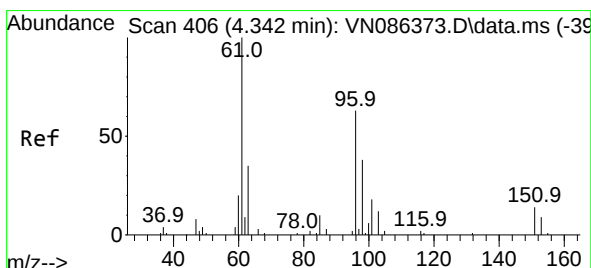
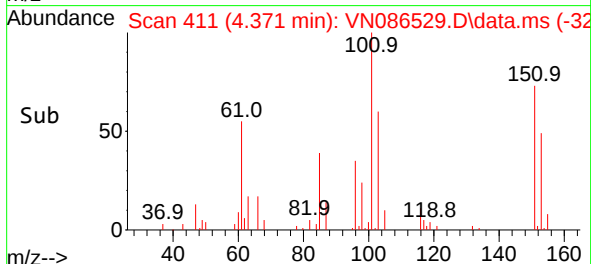
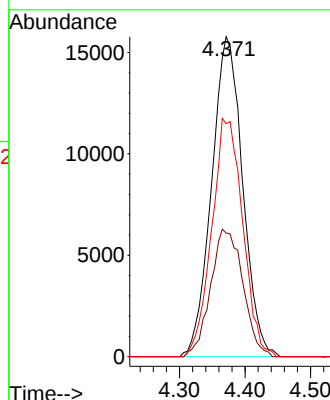
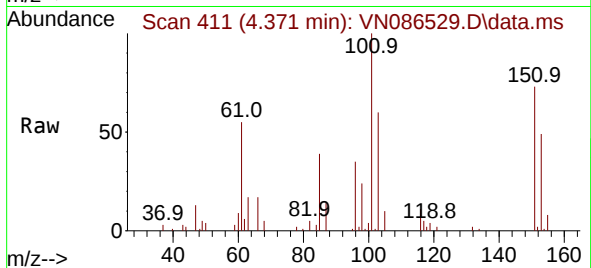
Tgt Ion:	101	Resp:	5185
Ion Ratio	Lower	Upper	
101	100		
85	41.4	0.0	84.4
151	74.2	0.0	145.8

Manual Integrations

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Reviewed By :John Carlone 05/08/2025

Supervised By :Mahesh Dadoda 05/08/2025



#10

1,1-Dichloroethene

Concen: 20.409 ug/l

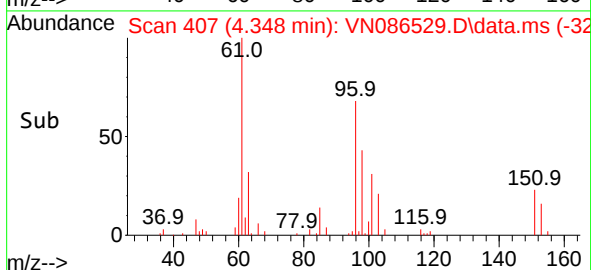
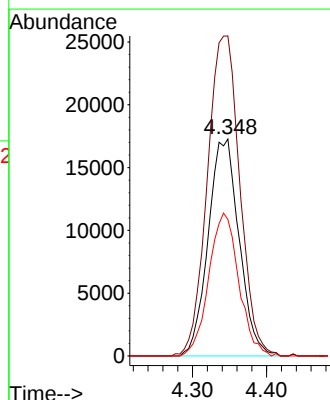
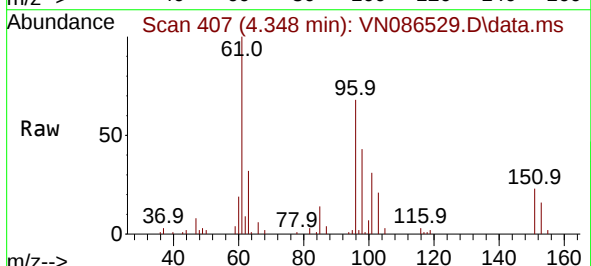
RT: 4.348 min Scan# 407

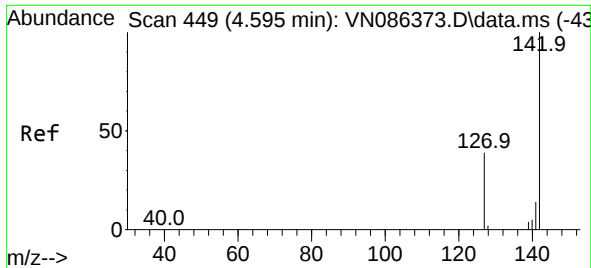
Delta R.T. 0.006 min

Lab File: VN086529.D

Acq: 07 May 2025 11:38

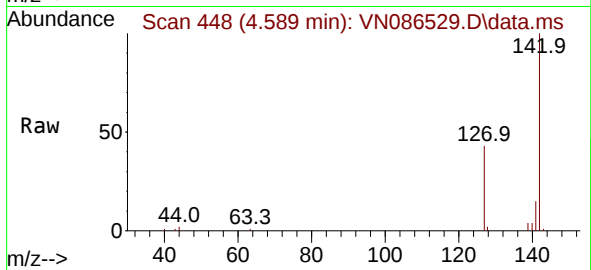
Tgt Ion:	96	Resp:	50156
Ion Ratio	Lower	Upper	
96	100		
61	147.5	126.2	189.4
98	62.9	48.5	72.7





#11
Methyl Iodide
Concen: 21.334 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

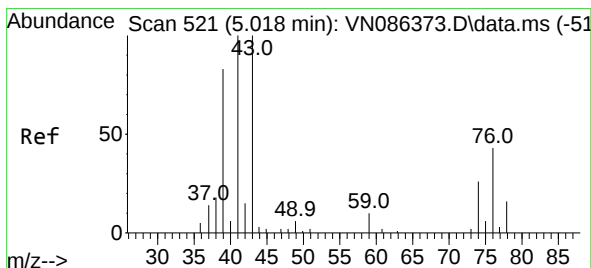
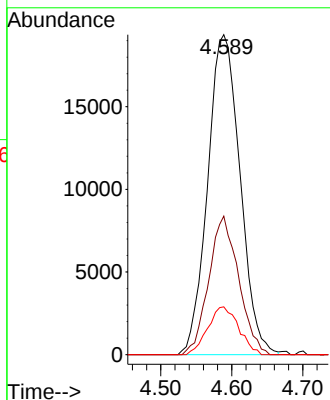
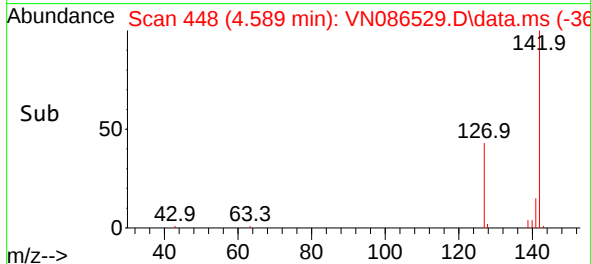
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01



Tgt Ion:142 Resp: 61340
Ion Ratio Lower Upper
142 100
127 43.5 19.3 57.9
141 15.0 7.1 21.3

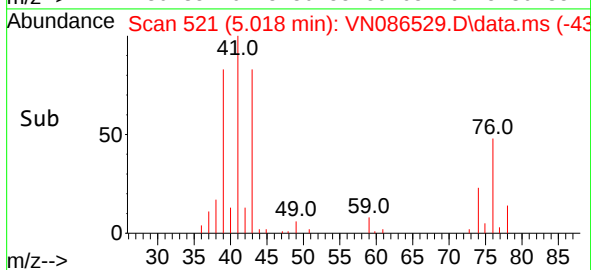
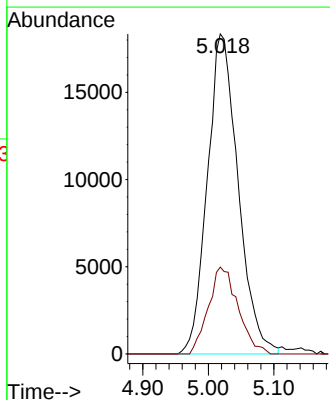
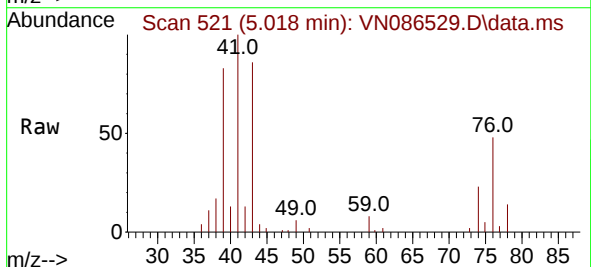
Manual Integrations
APPROVED

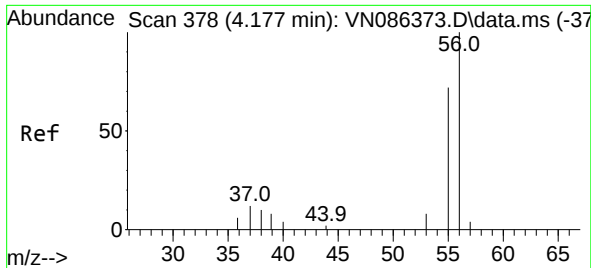
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#12
Methyl Acetate
Concen: 17.178 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

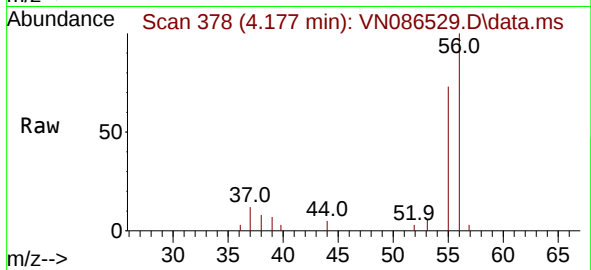
Tgt Ion: 43 Resp: 59835
Ion Ratio Lower Upper
43 100
74 27.4 20.8 31.2





#13
Acrolein
Concen: 124.053 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

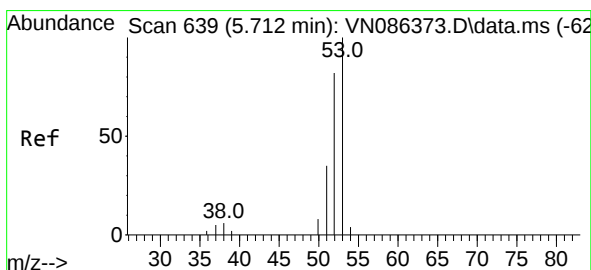
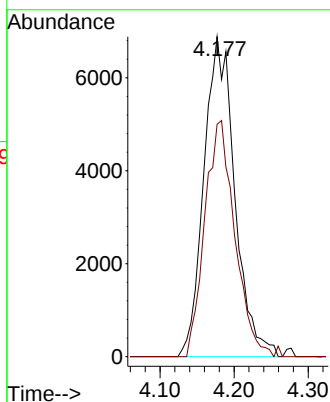
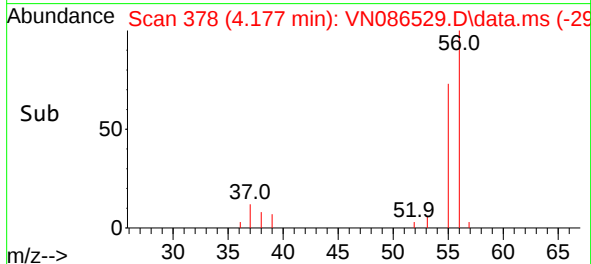
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01



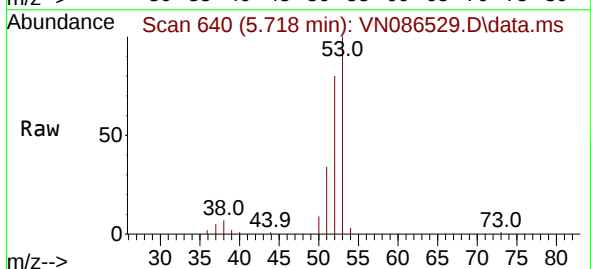
Tgt Ion: 56 Resp: 1991
Ion Ratio Lower Upper
56 100
55 71.6 56.1 84.1

Manual Integrations
APPROVED

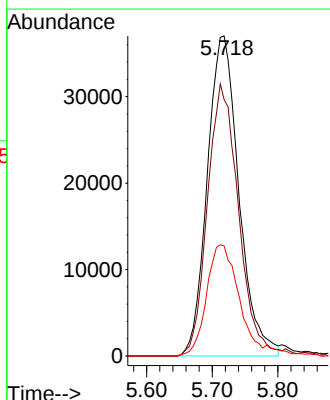
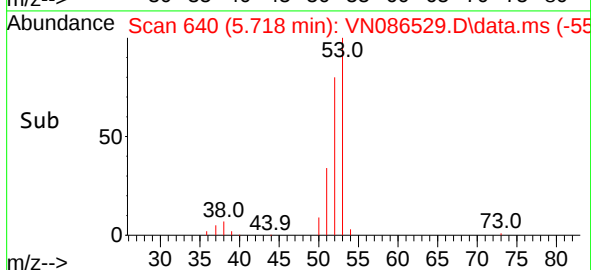
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025

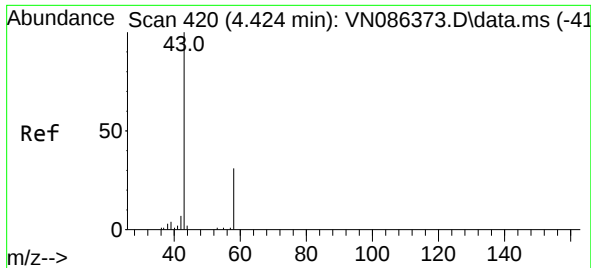


#14
Acrylonitrile
Concen: 95.493 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38



Tgt Ion: 53 Resp: 123799
Ion Ratio Lower Upper
53 100
52 83.4 41.2 123.6
51 35.0 17.6 52.8





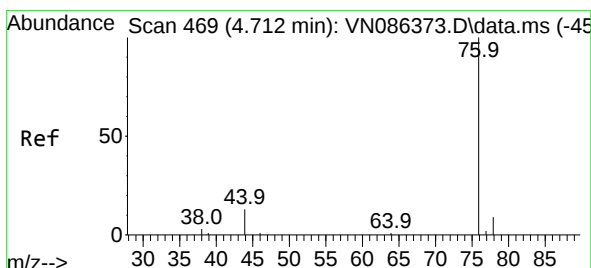
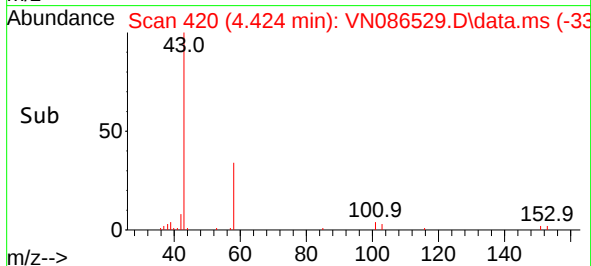
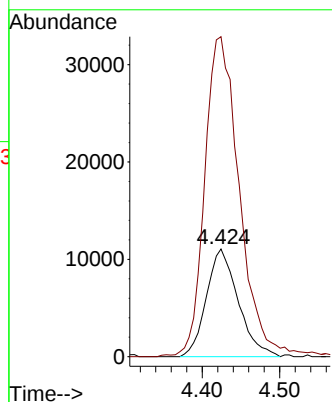
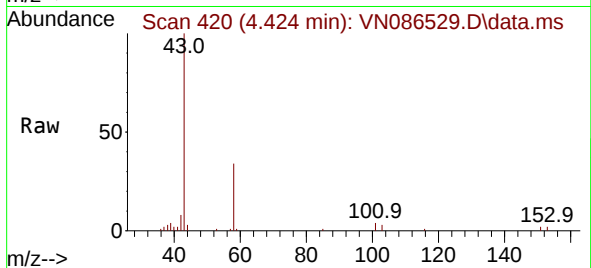
#15
Acetone
Concen: 88.309 ug/l
RT: 4.424 min Scan# 415
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

Tgt Ion: 58 Resp: 3154
Ion Ratio Lower Upper
58 100
43 292.4 255.1 382.7

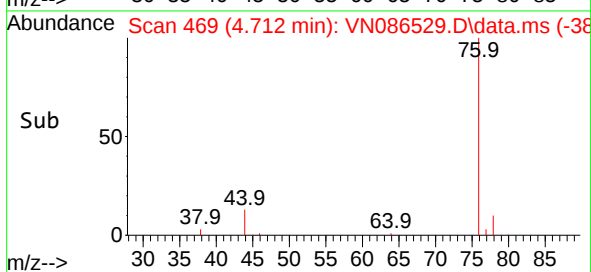
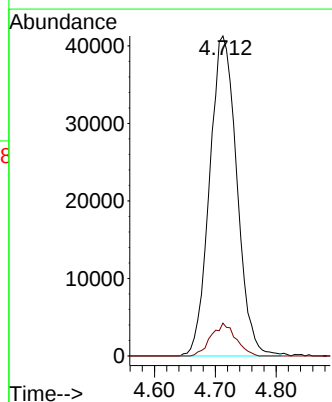
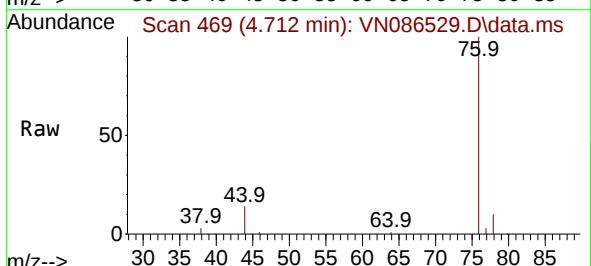
Manual Integrations
APPROVED

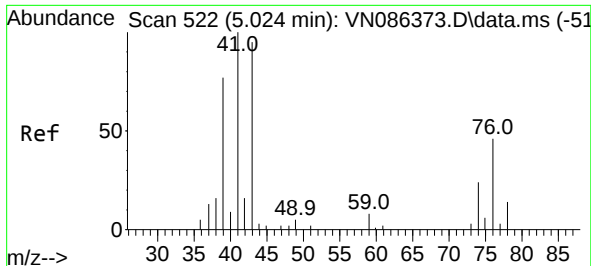
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#16
Carbon Disulfide
Concen: 19.791 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

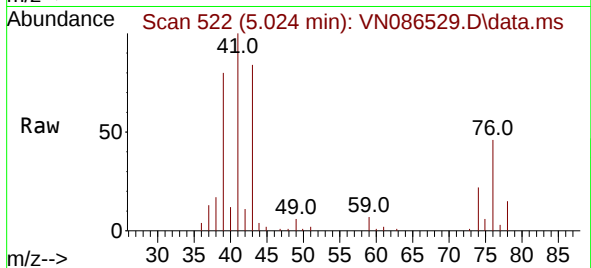
Tgt Ion: 76 Resp: 128162
Ion Ratio Lower Upper
76 100
78 10.3 7.1 10.7





#17
 Allyl chloride
 Concen: 18.758 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN086529.D
 Acq: 07 May 2025 11:38

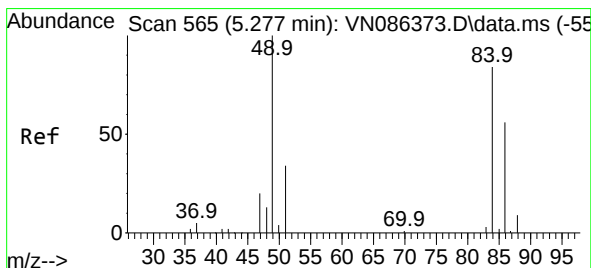
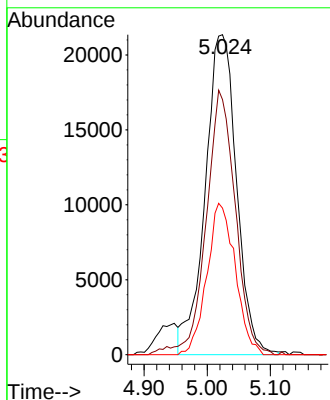
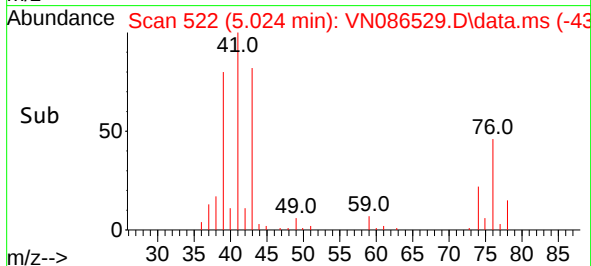
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507WBS01



Tgt Ion:	41	Resp:	7371
Ion	Ratio	Lower	Upper
41	100		
39	80.4	36.7	110.1
76	46.2	21.8	65.4

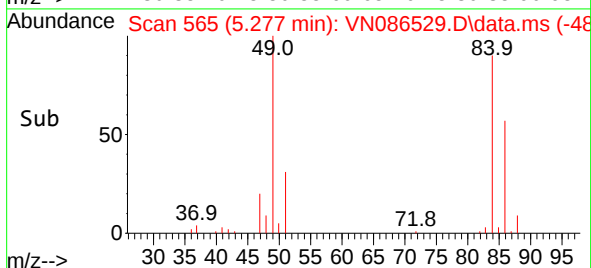
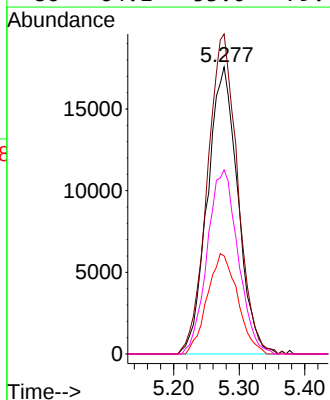
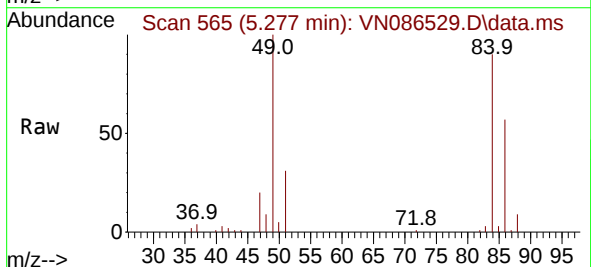
Manual Integrations
 APPROVED

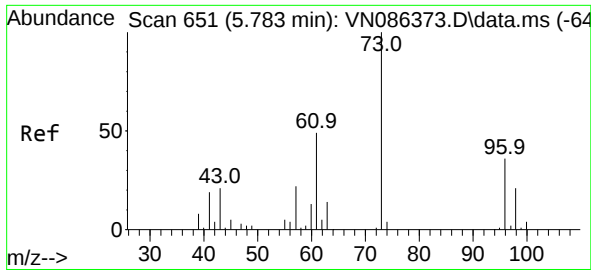
Reviewed By :John Carlone 05/08/2025
 Supervised By :Mahesh Dadoda 05/08/2025



#18
 Methylene Chloride
 Concen: 20.196 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: VN086529.D
 Acq: 07 May 2025 11:38

Tgt Ion:	84	Resp:	56521
Ion	Ratio	Lower	Upper
84	100		
49	111.5	95.4	143.0
51	34.2	32.8	49.2
86	64.1	53.0	79.4





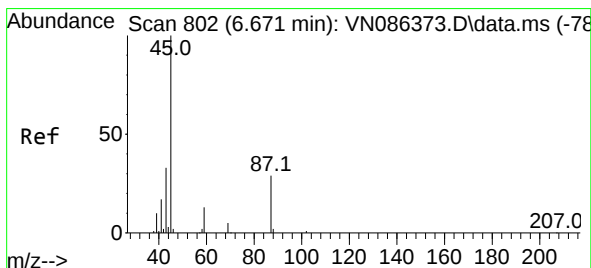
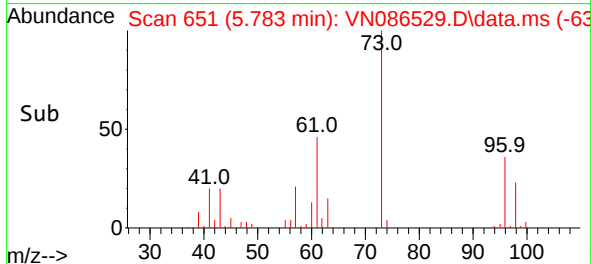
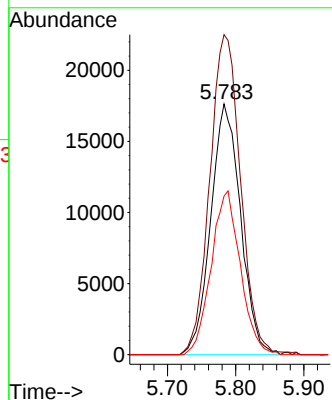
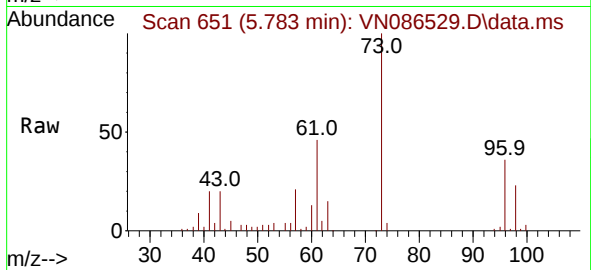
#19
trans-1,2-Dichloroethene
Concen: 20.479 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

Tgt Ion: 96 Resp: 5364
Ion Ratio Lower Upper
96 100
61 127.6 107.3 160.9
98 63.3 46.7 70.1

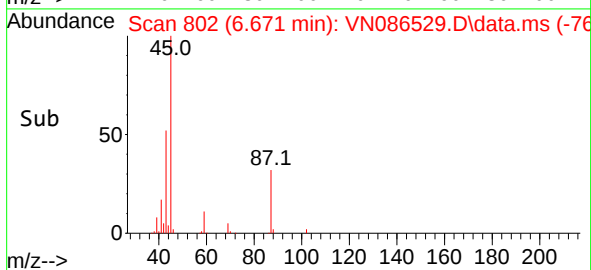
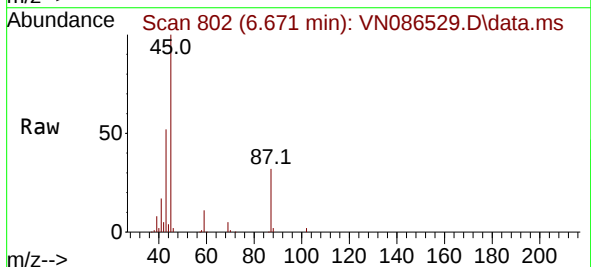
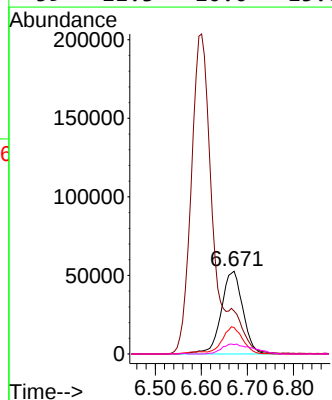
Manual Integrations
APPROVED

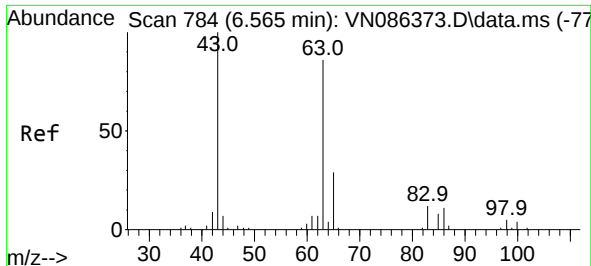
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#20
Diisopropyl ether
Concen: 18.256 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

Tgt Ion: 45 Resp: 170573
Ion Ratio Lower Upper
45 100
43 50.9 38.8 58.2
87 31.9 23.5 35.3
59 11.3 10.0 15.0





#21

1,1-Dichloroethane

Concen: 19.331 ug/l

RT: 6.565 min Scan# 784

Delta R.T. 0.000 min

Lab File: VN086529.D

Acq: 07 May 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0507WBS01

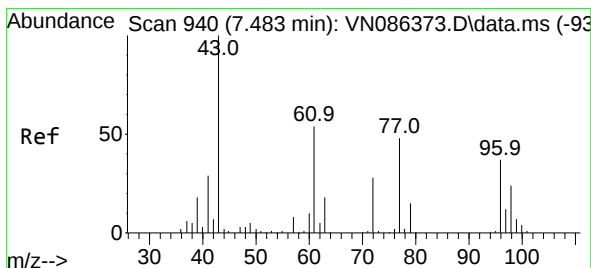
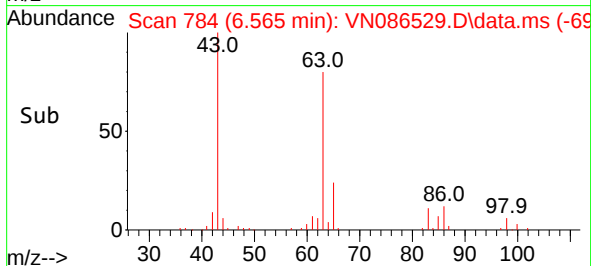
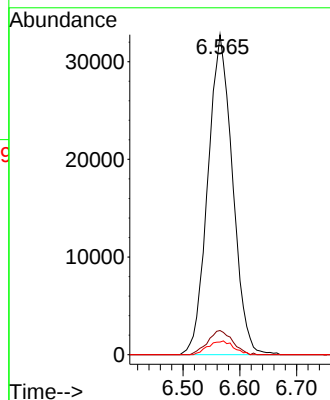
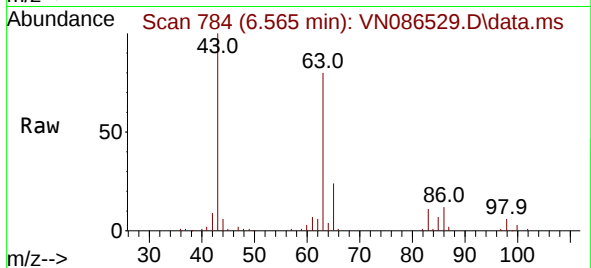
Tgt Ion:	63	Resp:	9886
Ion Ratio	Lower	Upper	
63	100		
98	7.6	3.0	9.2
100	4.0	2.3	6.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2025

Supervised By :Mahesh Dadoda 05/08/2025



#22

cis-1,2-Dichloroethene

Concen: 20.185 ug/l

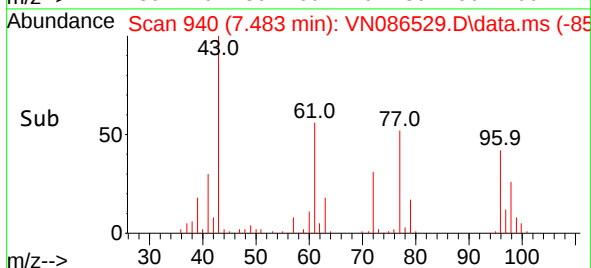
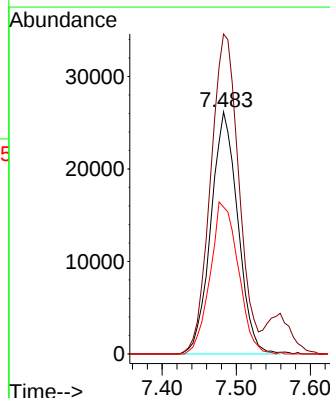
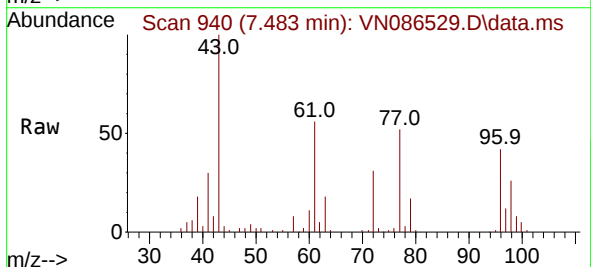
RT: 7.483 min Scan# 940

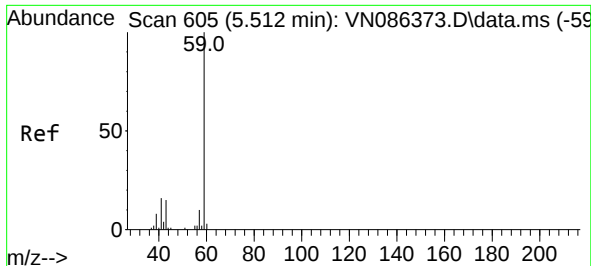
Delta R.T. 0.000 min

Lab File: VN086529.D

Acq: 07 May 2025 11:38

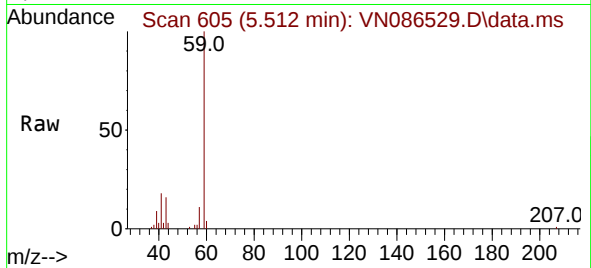
Tgt Ion:	96	Resp:	66113
Ion Ratio	Lower	Upper	
96	100		
61	138.2	120.6	181.0
98	65.2	51.8	77.6





#23
tert-Butyl Alcohol
Concen: 102.716 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

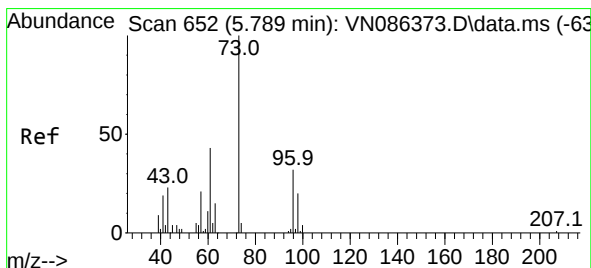
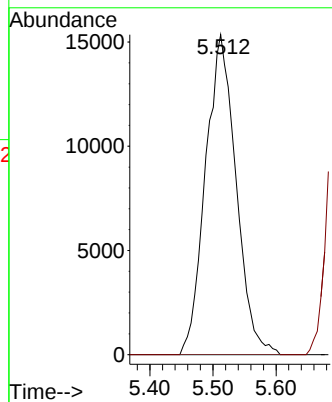
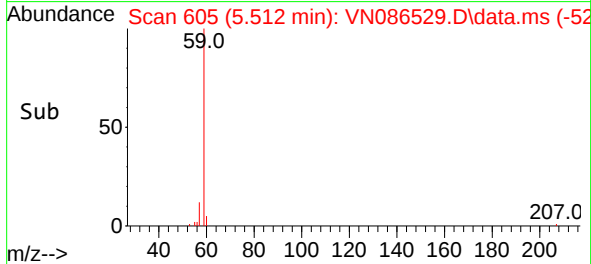
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01



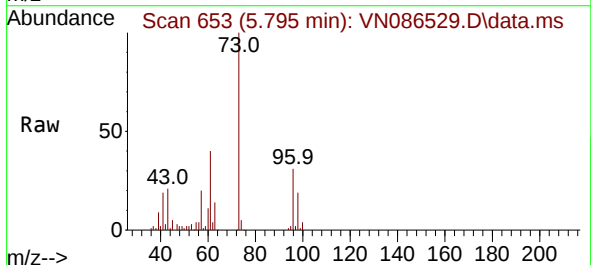
Tgt Ion: 59 Resp: 5158
Ion Ratio Lower Upper
59 100
52 200.1 0.1 0.1

Manual Integrations
APPROVED

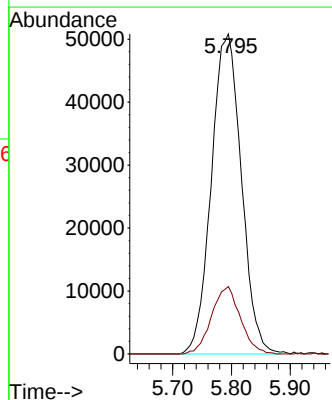
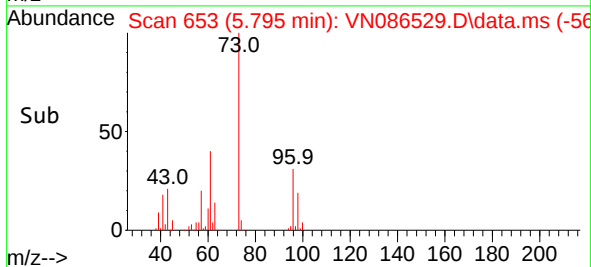
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025

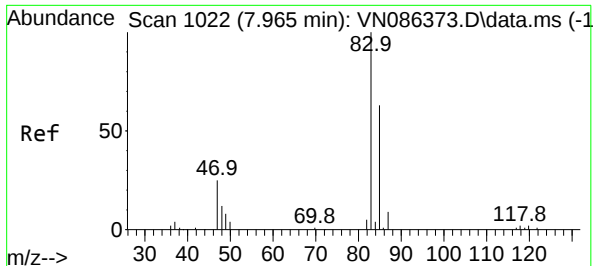


#24
Methyl tert-Butyl Ether
Concen: 19.847 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38



Tgt Ion: 73 Resp: 180212
Ion Ratio Lower Upper
73 100
43 20.3 17.1 25.7





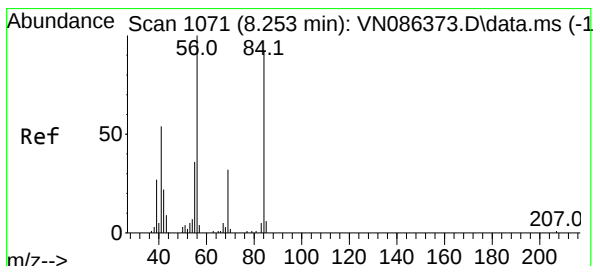
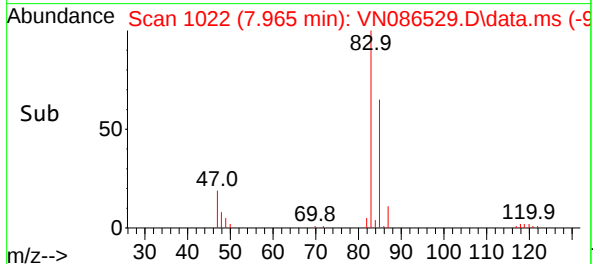
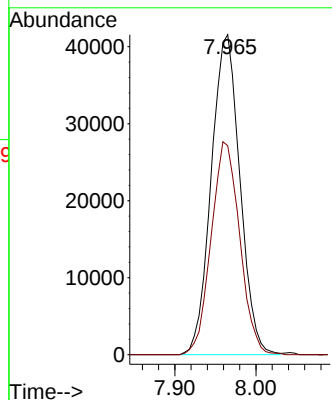
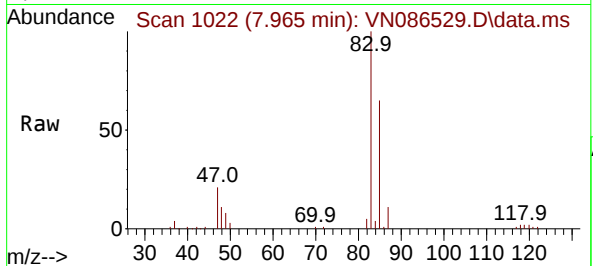
#25
Chloroform
Concen: 19.725 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

Tgt Ion: 83 Resp: 102100
Ion Ratio Lower Upper
83 100
85 65.3 50.2 75.2

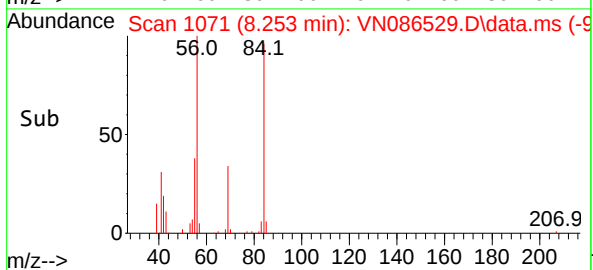
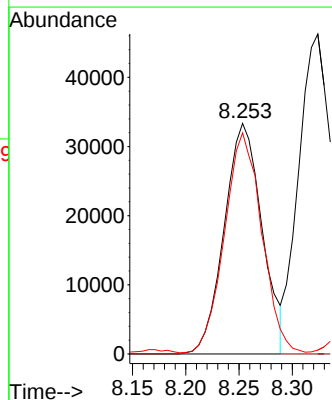
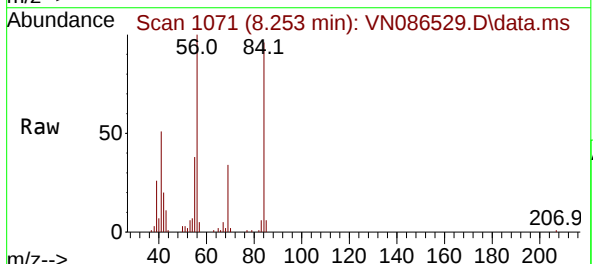
Manual Integrations
APPROVED

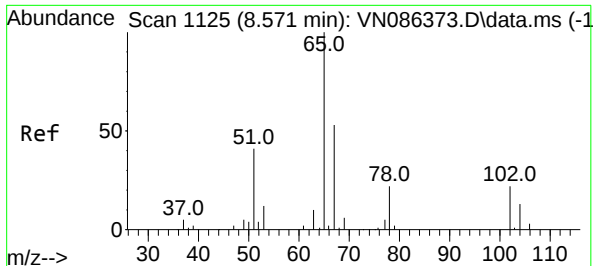
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#26
Cyclohexane
Concen: 18.251 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

Tgt Ion: 56 Resp: 82419
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 95.1 71.5 107.3





#27

1,2-Dichloroethane-d4

Concen: 28.173 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN086529.D

Acq: 07 May 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0507WBS01

Tgt Ion: 65 Resp: 9568

Ion Ratio Lower Upper

65 100

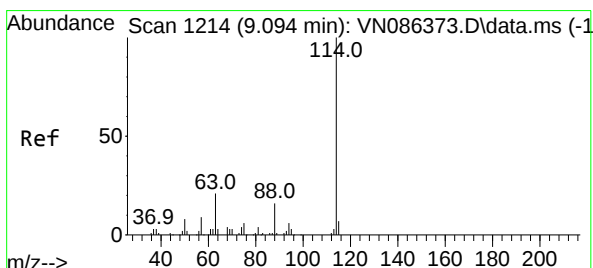
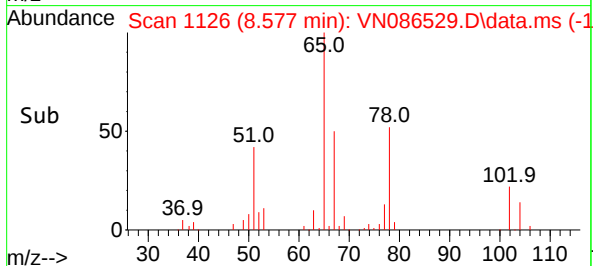
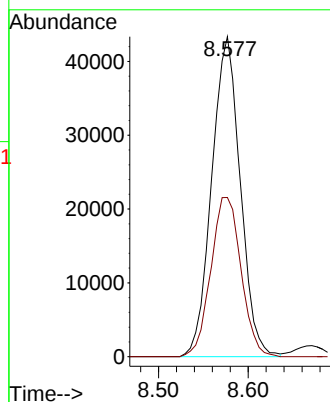
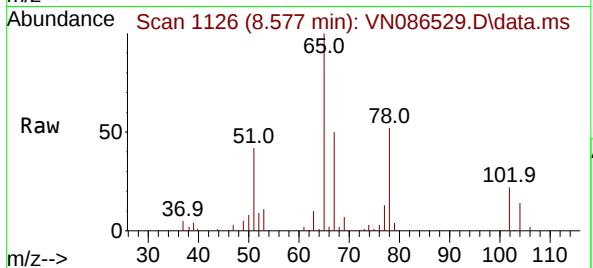
67 52.7 42.5 63.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2025

Supervised By :Mahesh Dadoda 05/08/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN086529.D

Acq: 07 May 2025 11:38

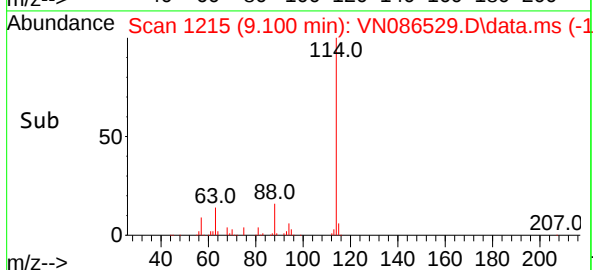
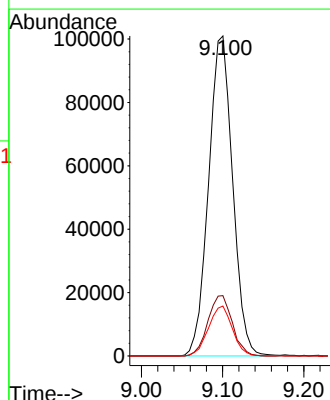
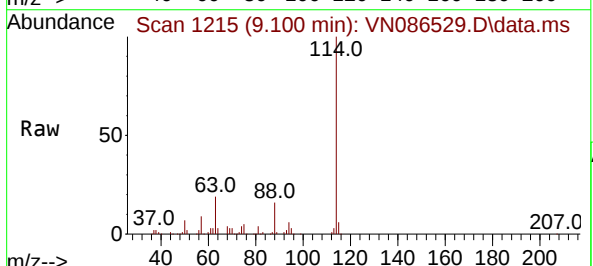
Tgt Ion:114 Resp: 207904

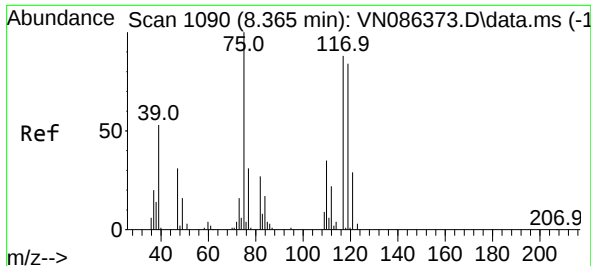
Ion Ratio Lower Upper

114 100

63 19.1 16.7 25.1

88 15.5 12.6 19.0





#29

1,1-Dichloropropene

Concen: 19.835 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN086529.D

Acq: 07 May 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0507WBS01

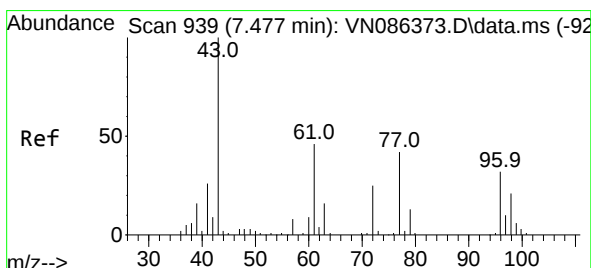
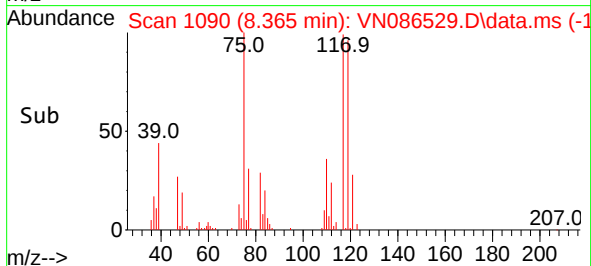
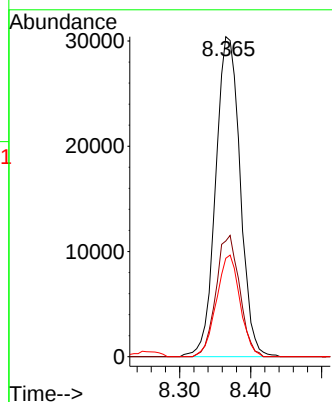
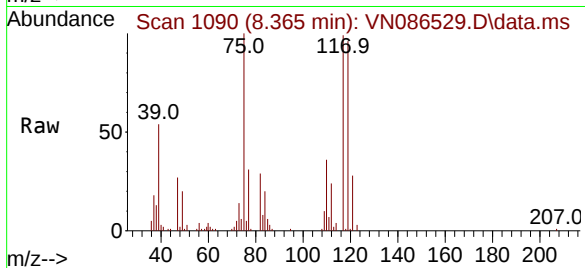
Tgt Ion:	75	Resp:	72698
Ion Ratio	Lower	Upper	
75	100		
110	36.5	0.0	68.0
77	30.7	0.0	61.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2025

Supervised By :Mahesh Dadoda 05/08/2025



#30

2-Butanone

Concen: 93.809 ug/l

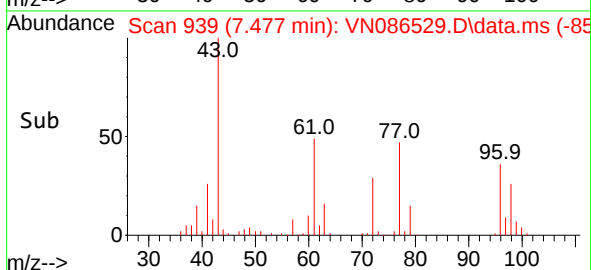
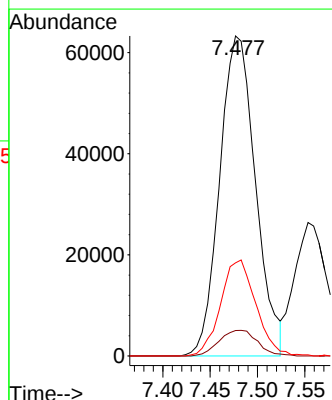
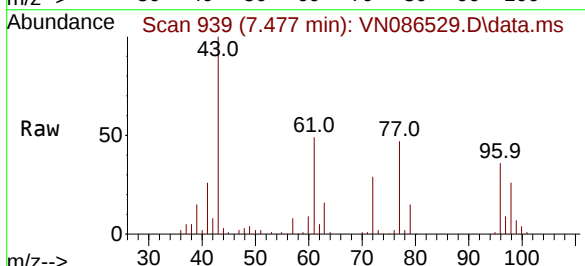
RT: 7.477 min Scan# 939

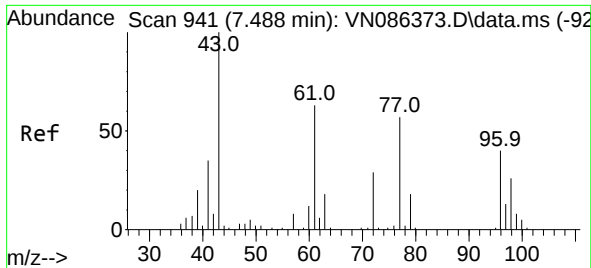
Delta R.T. 0.000 min

Lab File: VN086529.D

Acq: 07 May 2025 11:38

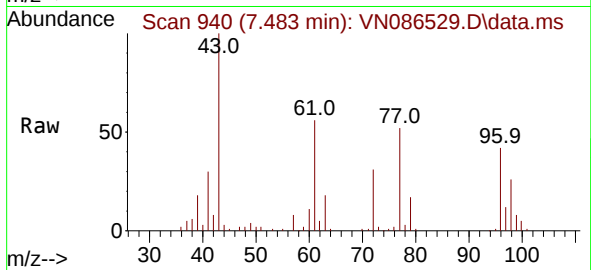
Tgt Ion:	43	Resp:	166883
Ion Ratio	Lower	Upper	
43	100		
57	8.5	6.6	10.0
72	29.4	22.2	33.4





#31
2,2-Dichloropropane
Concen: 19.754 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

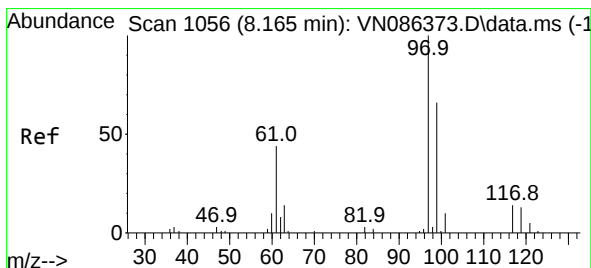
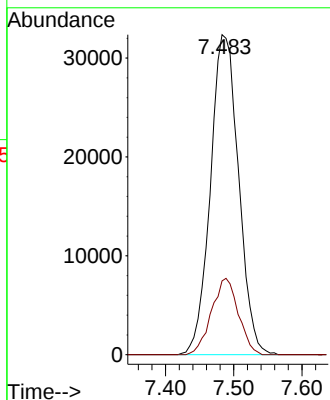
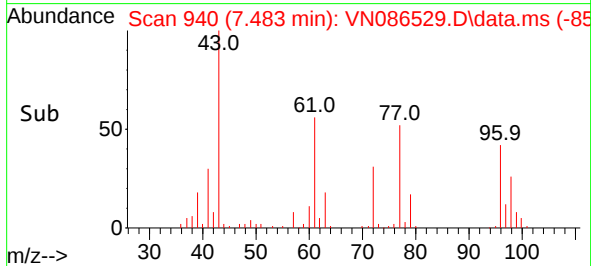
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01



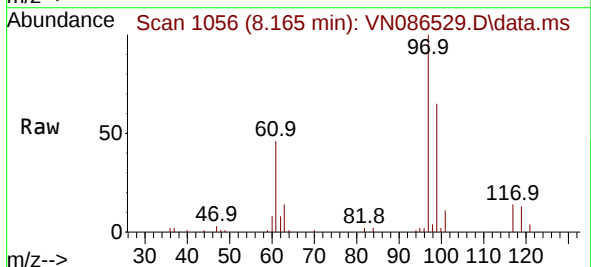
Tgt Ion: 77 Resp: 93070
Ion Ratio Lower Upper
77 100
97 22.7 18.2 27.2

Manual Integrations
APPROVED

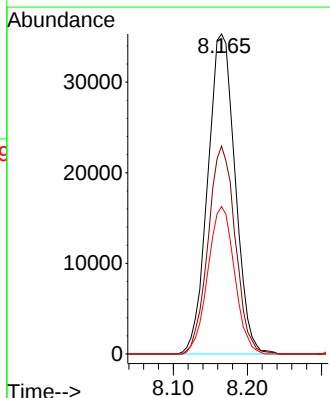
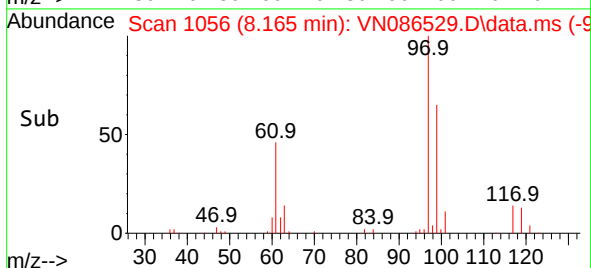
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025

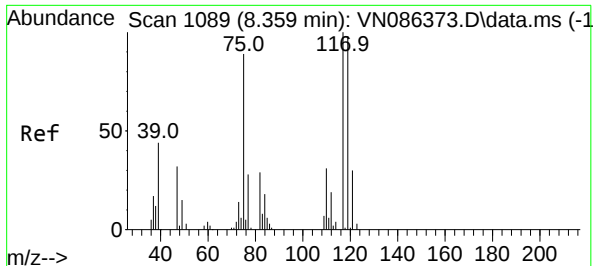


#32
1,1,1-Trichloroethane
Concen: 20.705 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38



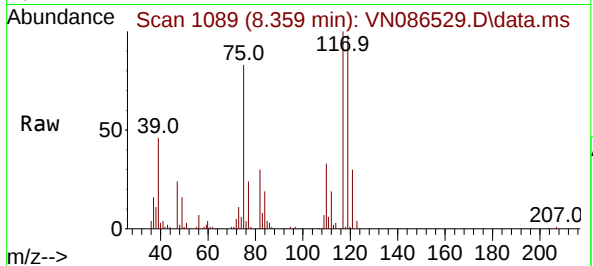
Tgt Ion: 97 Resp: 90682
Ion Ratio Lower Upper
97 100
99 64.6 52.6 79.0
61 45.0 36.4 54.6





#33
Carbon Tetrachloride
Concen: 21.452 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

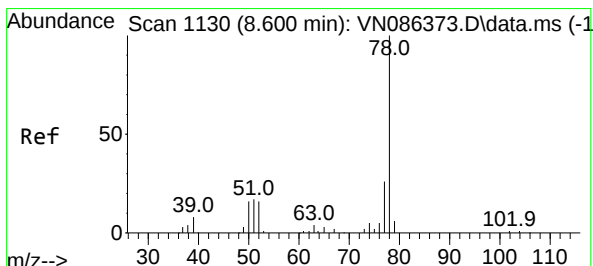
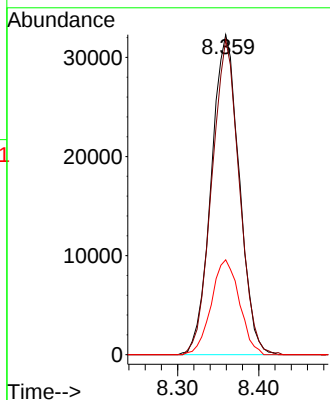
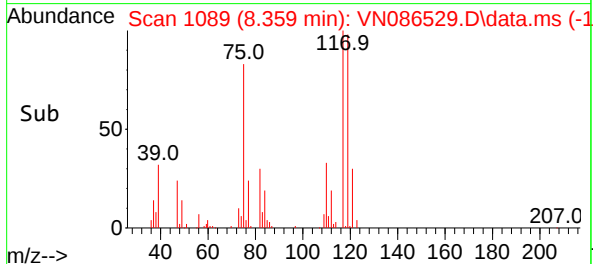
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01



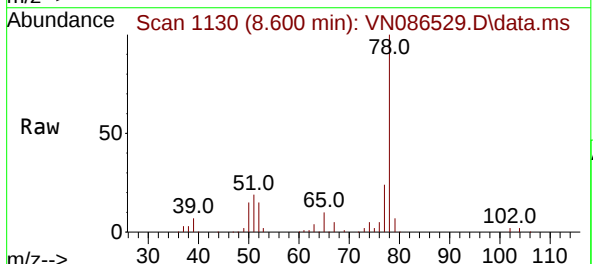
Tgt Ion: 117 Resp: 77340
Ion Ratio Lower Upper
117 100
119 98.5 78.6 117.8
121 29.6 24.0 36.0

Manual Integrations
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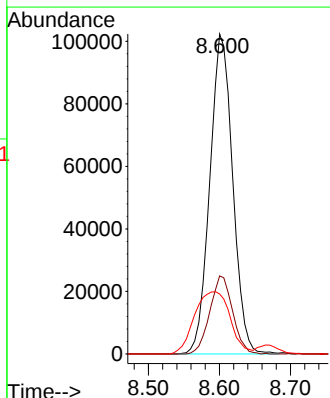
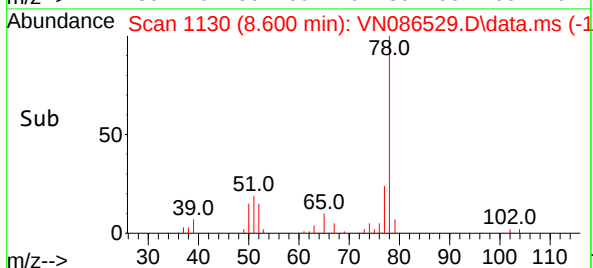
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025

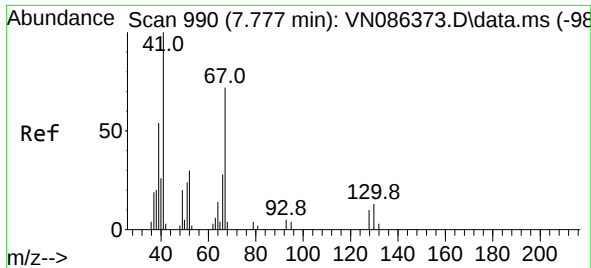


#34
Benzene
Concen: 19.640 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38



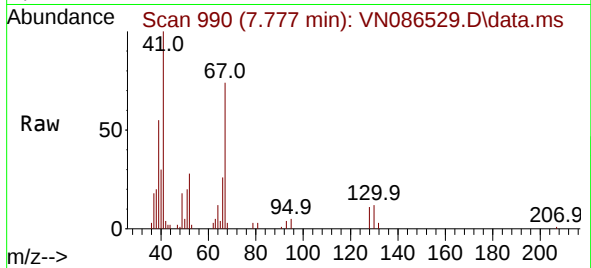
Tgt Ion: 78 Resp: 228956
Ion Ratio Lower Upper
78 100
77 24.4 20.8 31.2
51 17.6 14.0 21.0





#35
Methacrylonitrile
Concen: 18.018 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

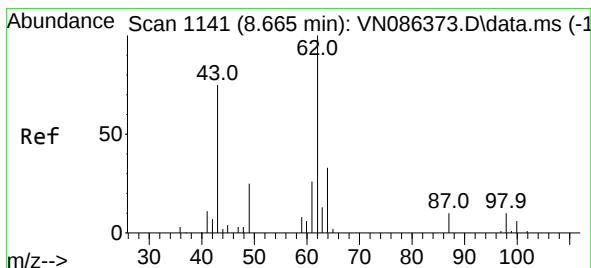
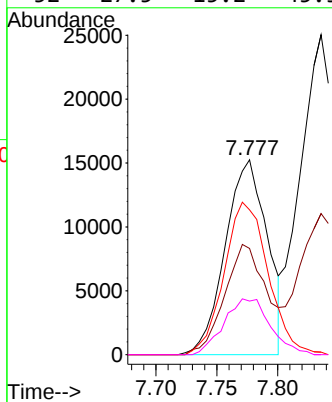
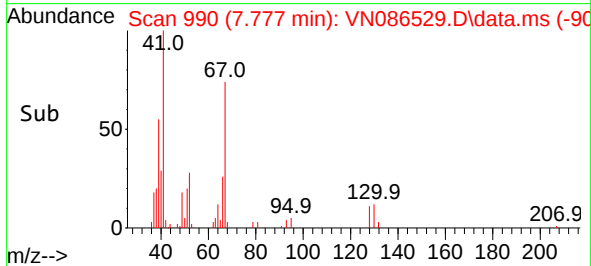
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01



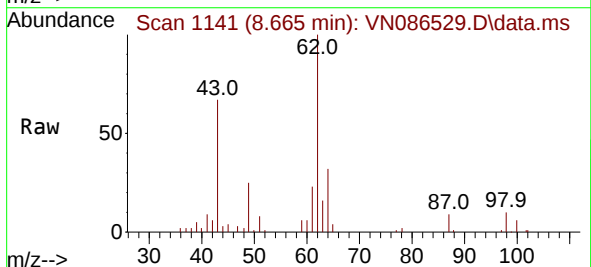
Tgt Ion: 41 Resp: 3656
Ion Ratio Lower Upper
41 100
39 54.5 27.0 80.8
67 74.3 35.8 107.3
52 27.5 15.2 45.5

Manual Integrations
APPROVED

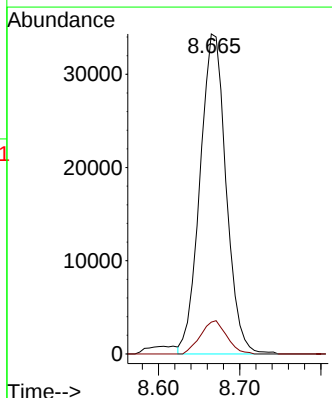
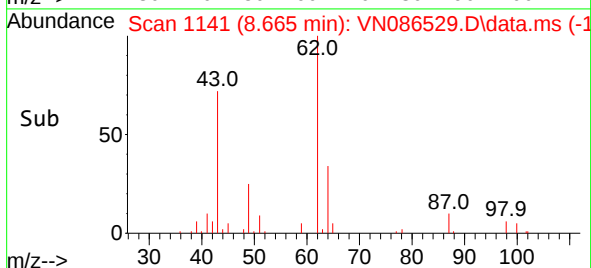
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025

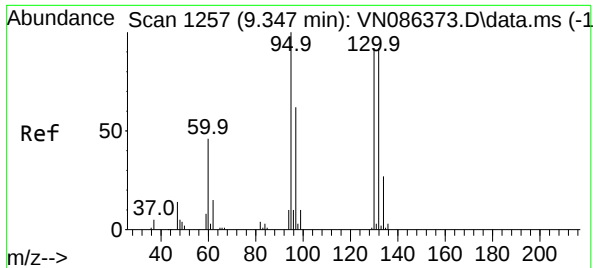


#36
1,2-Dichloroethane
Concen: 20.284 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38



Tgt Ion: 62 Resp: 76770
Ion Ratio Lower Upper
62 100
98 10.4 7.6 11.4





#37

Trichloroethene

Concen: 20.697 ug/l

RT: 9.347 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086529.D

Acq: 07 May 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0507WBS01

Tgt Ion:130 Resp: 6040

Ion Ratio Lower Upper

130 100

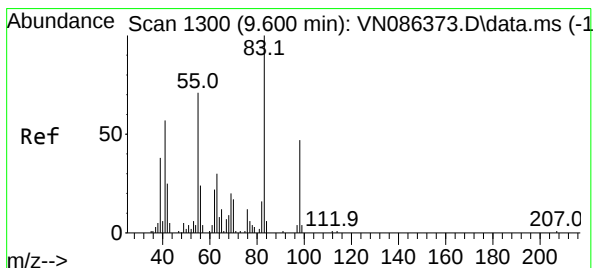
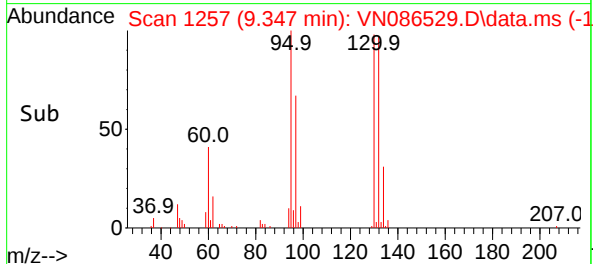
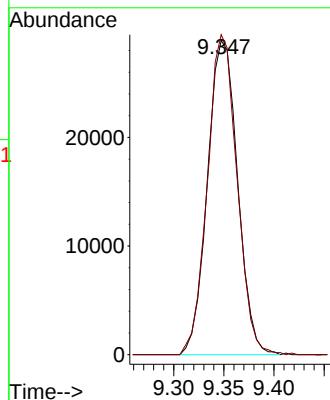
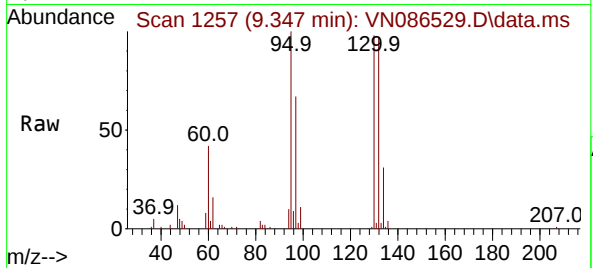
95 101.9 86.6 130.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2025

Supervised By :Mahesh Dadoda 05/08/2025



#38

Methylcyclohexane

Concen: 19.818 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN086529.D

Acq: 07 May 2025 11:38

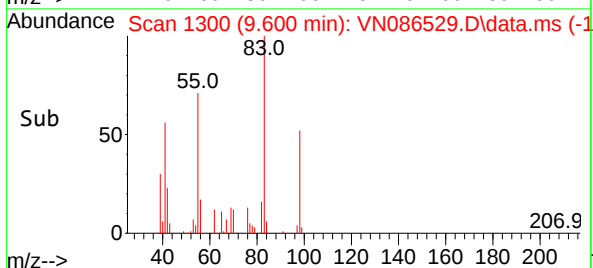
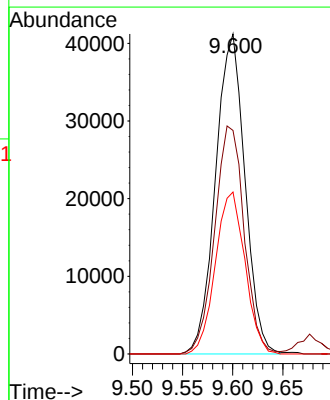
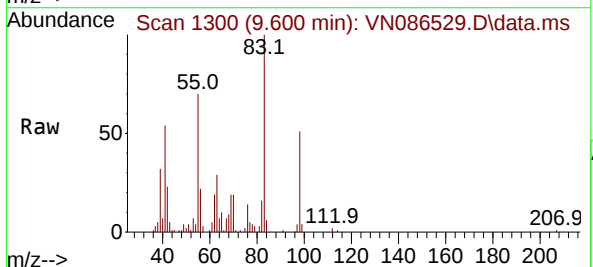
Tgt Ion: 83 Resp: 83891

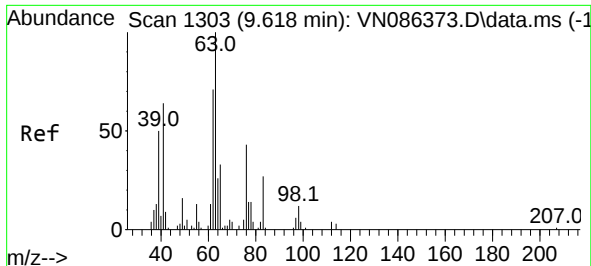
Ion Ratio Lower Upper

83 100

55 71.8 37.3 111.9

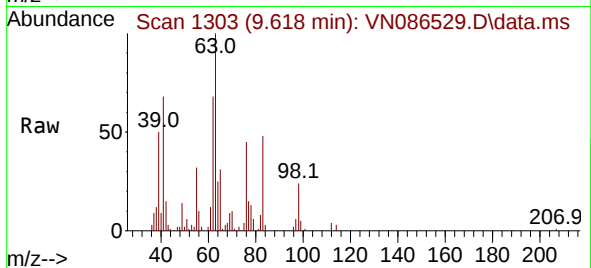
98 51.1 23.8 71.5





#39
1,2-Dichloropropane
Concen: 19.073 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

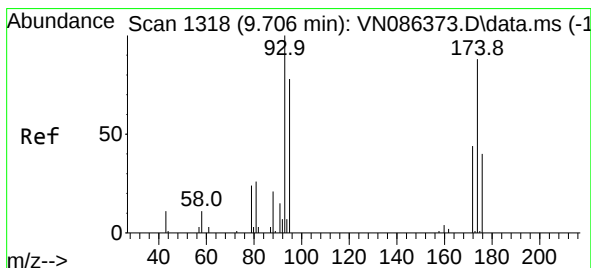
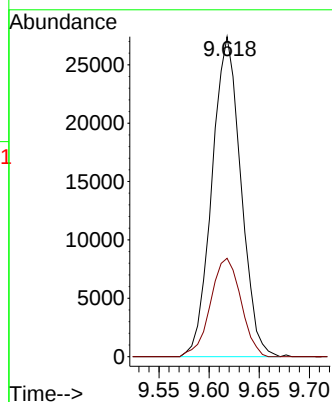
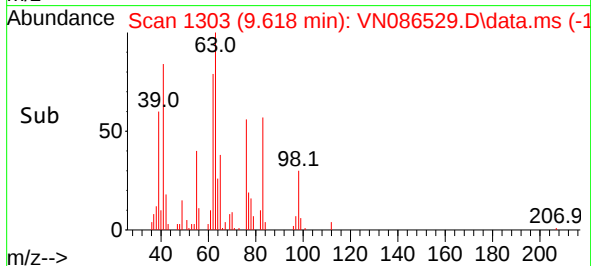
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01



Tgt Ion: 63 Resp: 54930
Ion Ratio Lower Upper
63 100
65 30.8 26.7 40.1

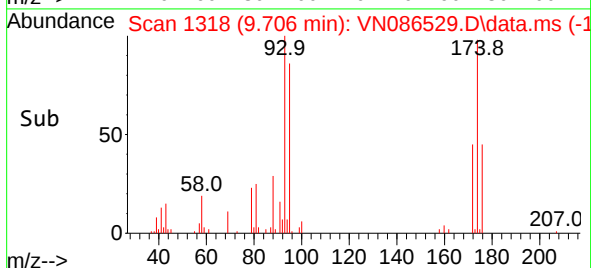
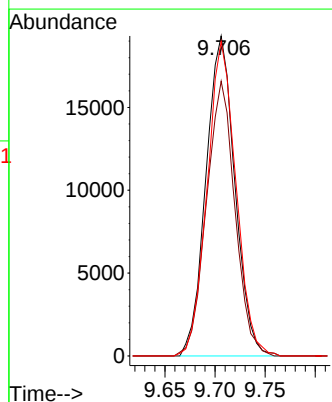
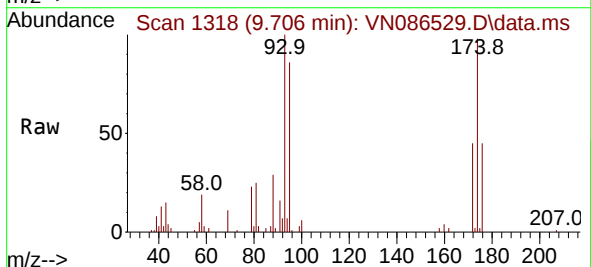
Manual Integrations
APPROVED

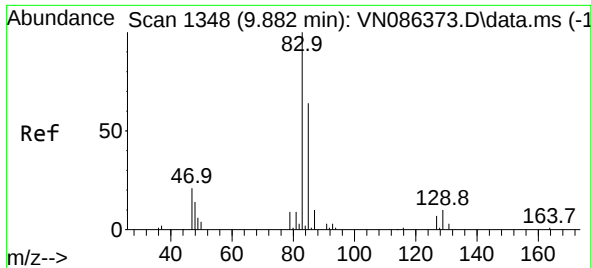
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#40
Dibromomethane
Concen: 20.105 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

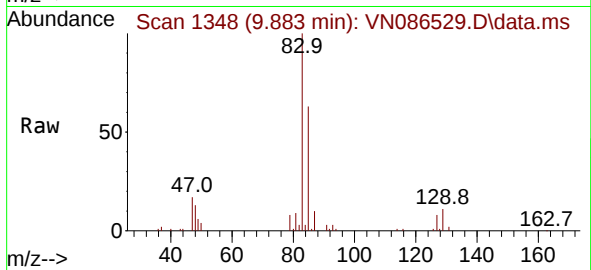
Tgt Ion: 93 Resp: 38721
Ion Ratio Lower Upper
93 100
95 84.6 0.0 159.2
174 97.7 0.0 171.4





#41
Bromodichloromethane
Concen: 19.918 ug/l
RT: 9.883 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

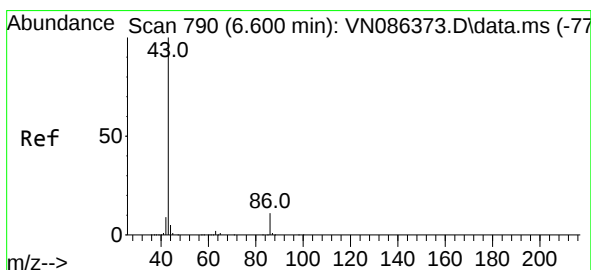
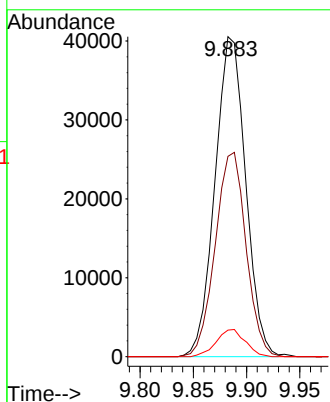
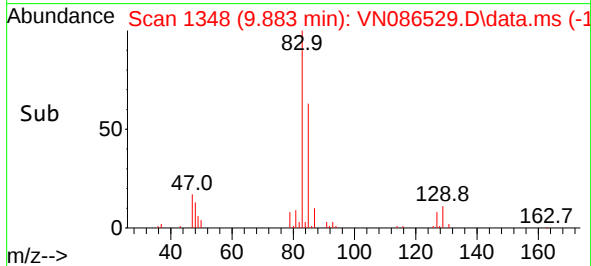
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01



Tgt Ion: 83 Resp: 81178
Ion Ratio Lower Upper
83 100
85 62.6 51.1 76.7
127 8.3 5.9 8.9

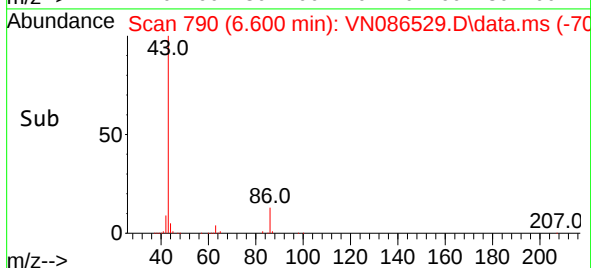
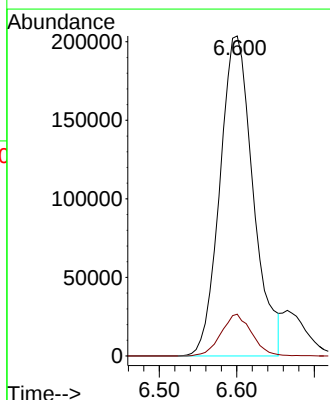
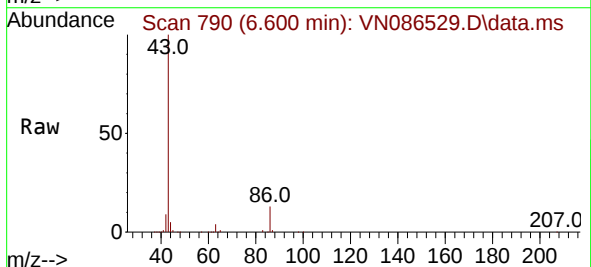
Manual Integrations
APPROVED

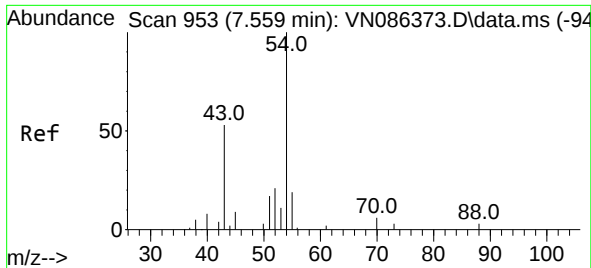
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#42
Vinyl Acetate
Concen: 98.957 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

Tgt Ion: 43 Resp: 609823
Ion Ratio Lower Upper
43 100
86 12.0 8.9 13.3





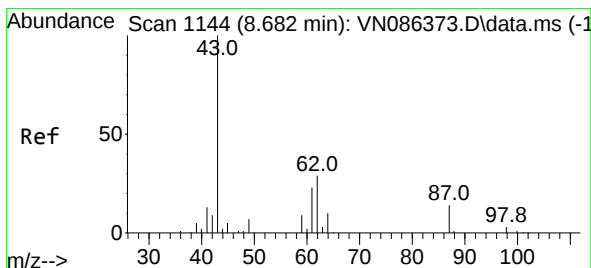
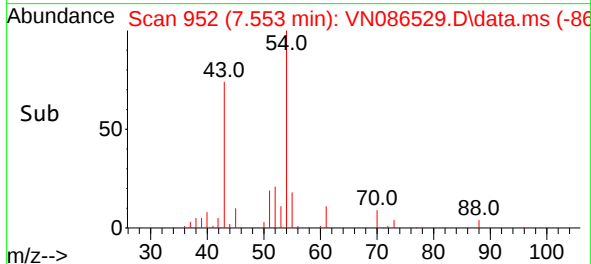
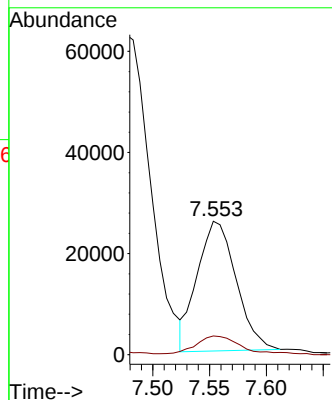
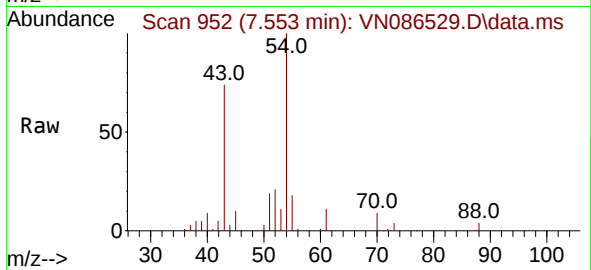
#43
Ethyl Acetate
Concen: 17.354 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

Tgt Ion: 43 Resp: 61094
Ion Ratio Lower Upper
43 100
45 14.7 11.4 17.2

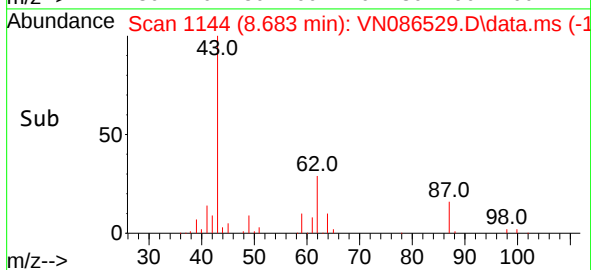
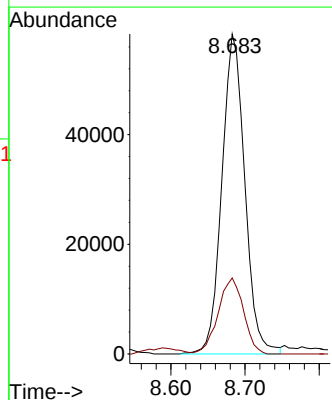
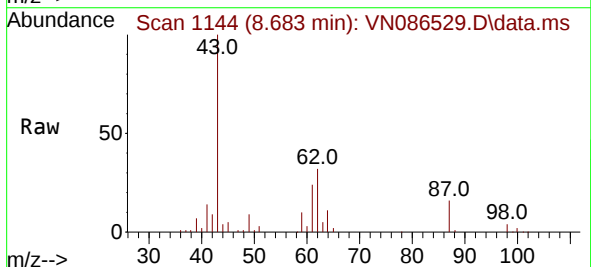
Manual Integrations
APPROVED

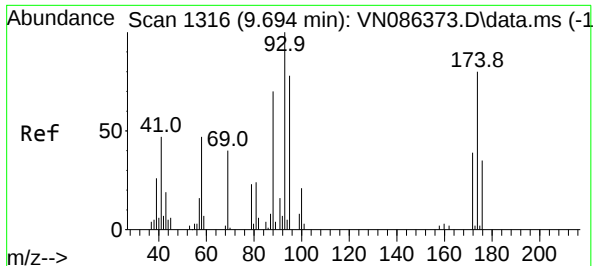
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#44
Isopropyl Acetate
Concen: 18.790 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

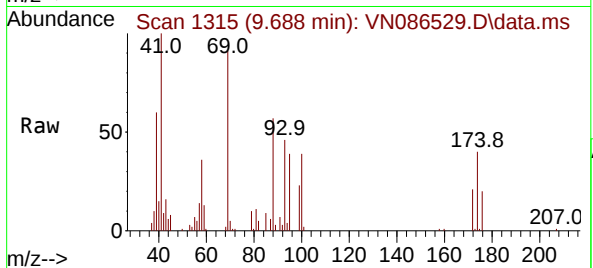
Tgt Ion: 43 Resp: 125550
Ion Ratio Lower Upper
43 100
61 26.2 21.0 31.4





#45
1,4-Dioxane
Concen: 434.568 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

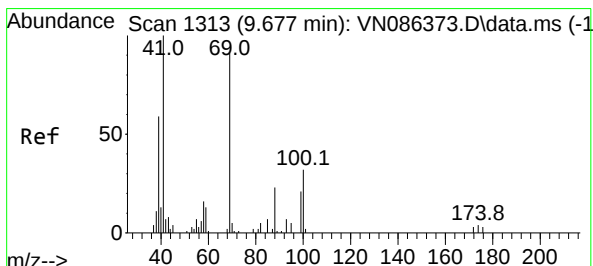
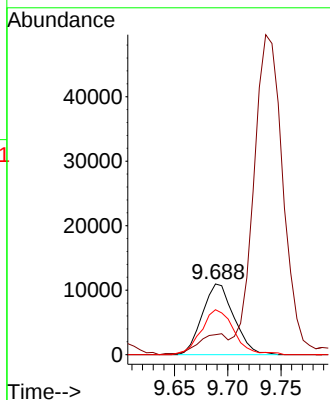
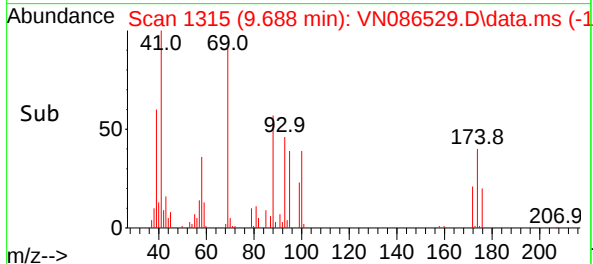
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01



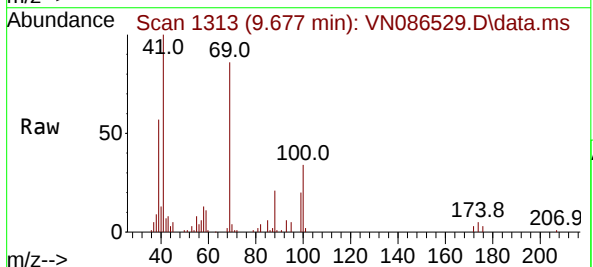
Tgt Ion: 88 Resp: 2265
Ion Ratio Lower Upper
88 100
43 26.7 24.9 37.3
58 64.6 57.8 86.8

Manual Integrations
APPROVED

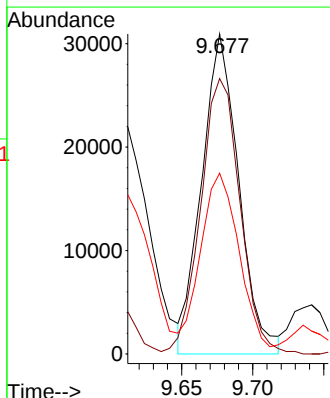
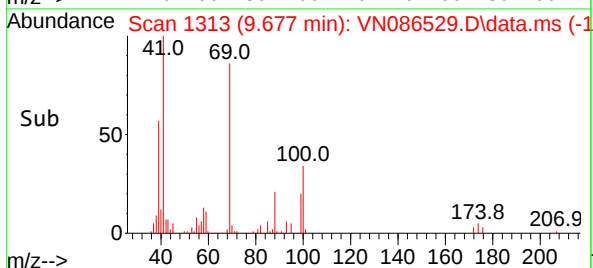
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025

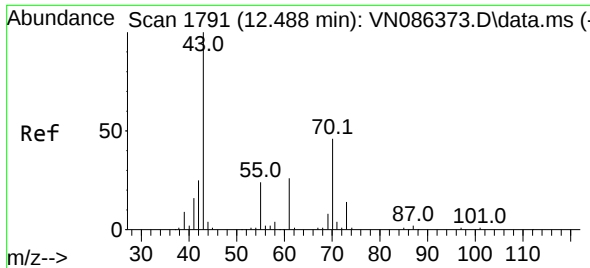


#46
Methyl methacrylate
Concen: 18.192 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38



Tgt Ion: 41 Resp: 56069
Ion Ratio Lower Upper
41 100
69 89.3 44.1 132.3
39 56.8 30.0 90.1





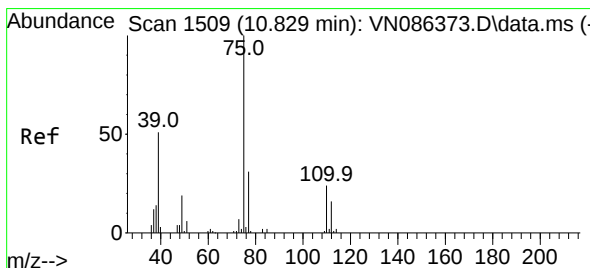
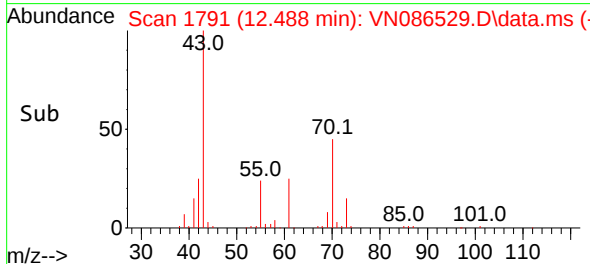
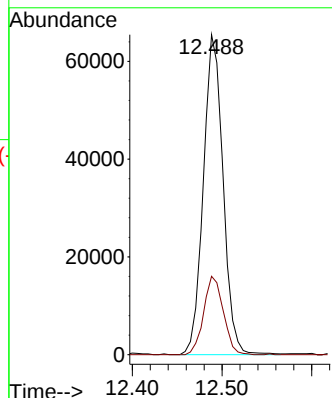
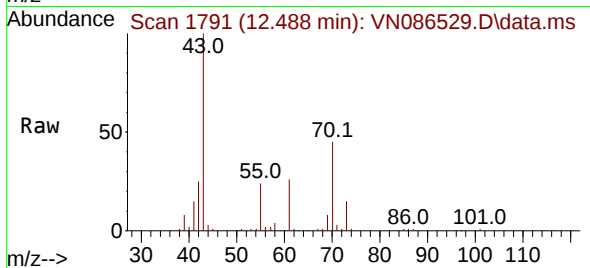
#47
n-amy1 Acetate
Concen: 17.545 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

Tgt Ion: 43 Resp: 9991
Ion Ratio Lower Upper
43 100
55 24.3 19.4 29.0

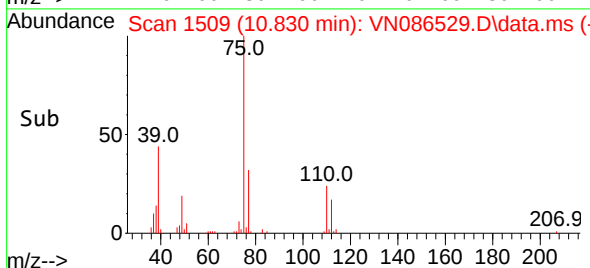
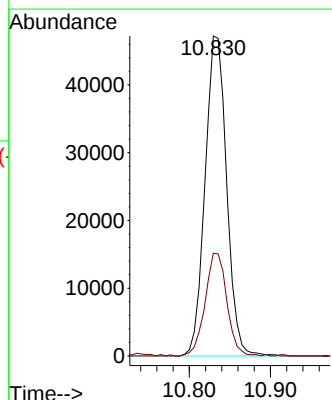
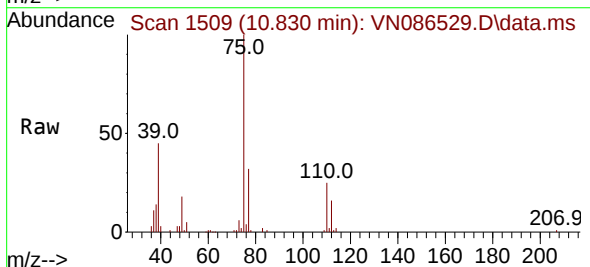
Manual Integrations
APPROVED

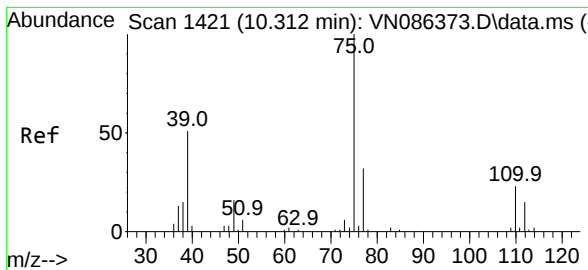
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#48
t-1,3-Dichloropropene
Concen: 19.141 ug/l
RT: 10.830 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

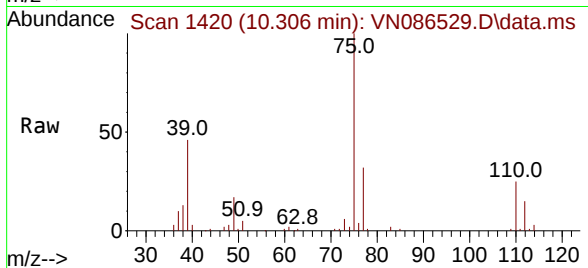
Tgt Ion: 75 Resp: 87215
Ion Ratio Lower Upper
75 100
77 32.1 24.4 36.6





#49
 cis-1,3-Dichloropropene
 Concen: 19.128 ug/l
 RT: 10.306 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN086529.D
 Acq: 07 May 2025 11:38

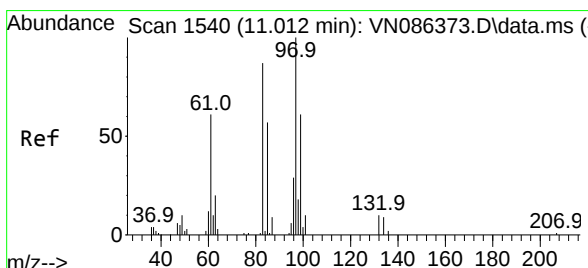
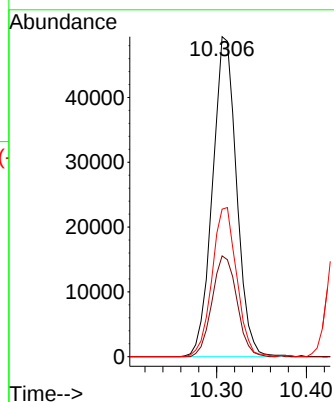
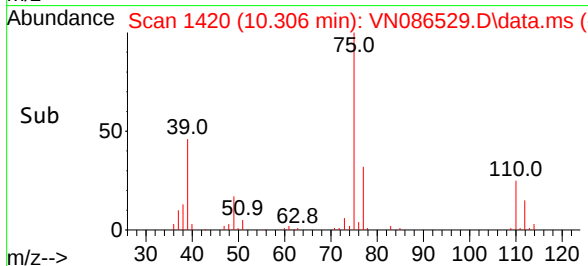
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507WBS01



Tgt Ion: 75 Resp: 91912
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.6 38.4
 39 46.1 40.6 60.8

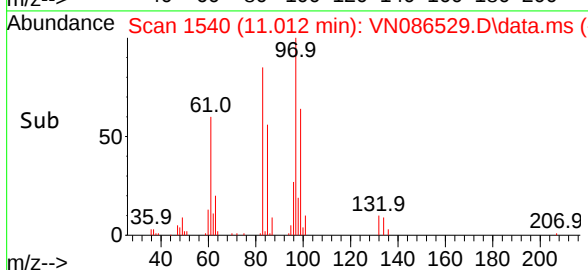
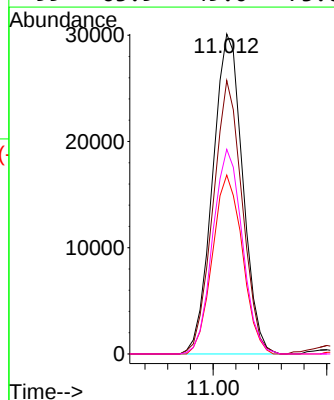
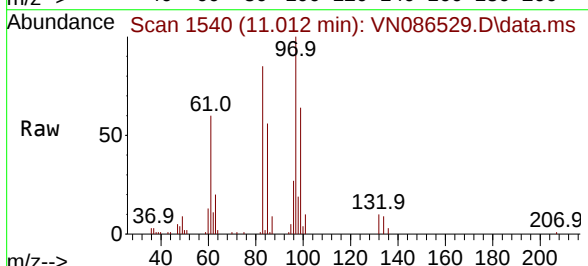
Manual Integrations
 APPROVED

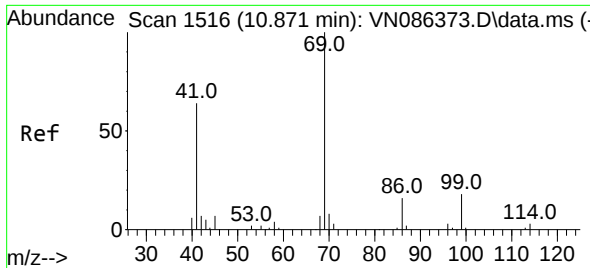
Reviewed By :John Carlone 05/08/2025
 Supervised By :Mahesh Dadoda 05/08/2025



#50
 1,1,2-Trichloroethane
 Concen: 20.605 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. 0.000 min
 Lab File: VN086529.D
 Acq: 07 May 2025 11:38

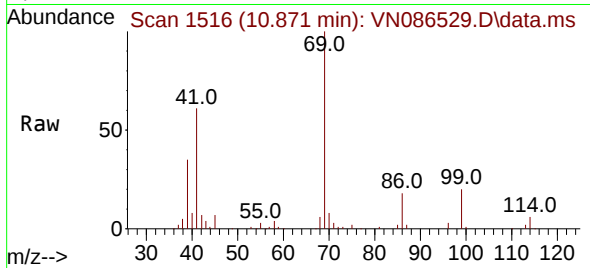
Tgt Ion: 97 Resp: 55429
 Ion Ratio Lower Upper
 97 100
 83 85.5 69.3 103.9
 85 55.9 45.5 68.3
 99 63.9 49.0 73.6





#51
Ethyl methacrylate
Concen: 18.959 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

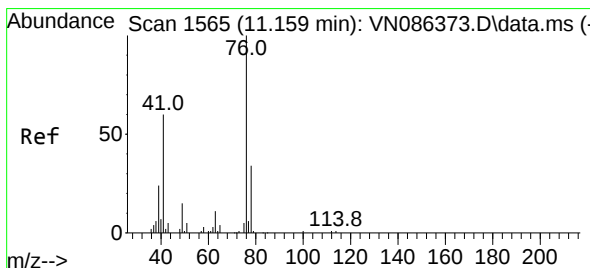
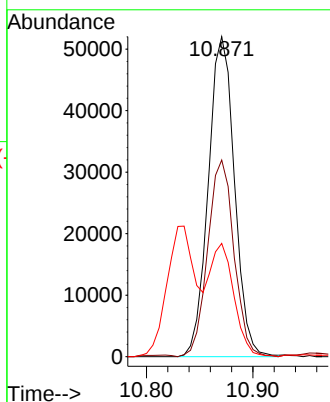
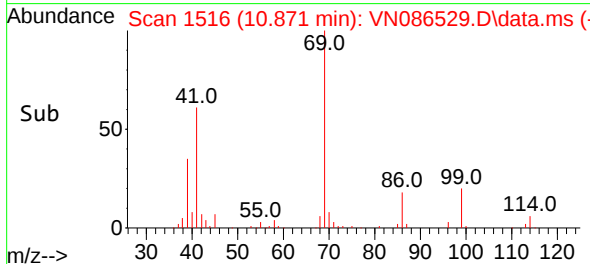
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01



Tgt Ion: 69 Resp: 88820
Ion Ratio Lower Upper
69 100
41 61.5 32.3 96.8
39 35.4 19.1 57.1

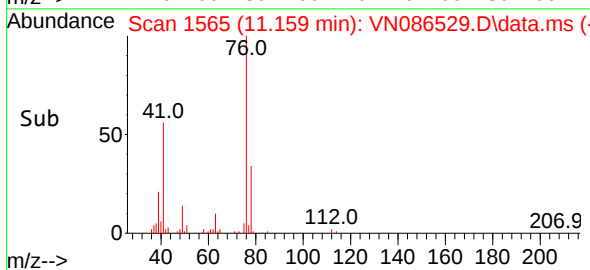
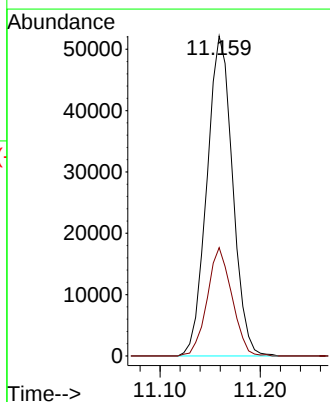
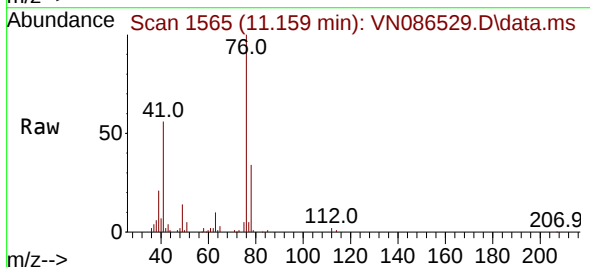
Manual Integrations
APPROVED

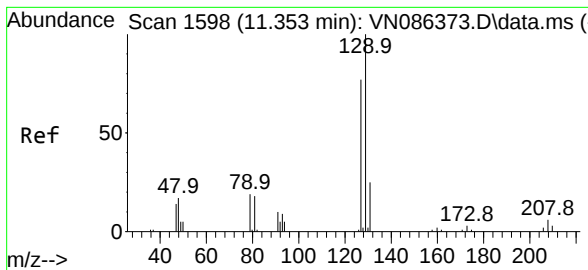
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#52
1,3-Dichloropropane
Concen: 19.561 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

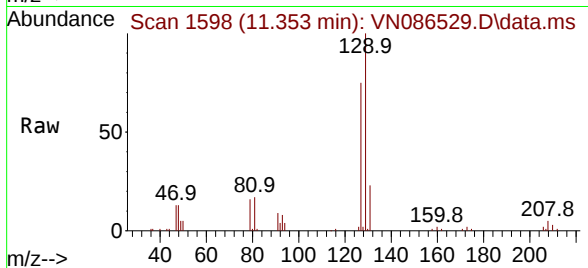
Tgt Ion: 76 Resp: 93003
Ion Ratio Lower Upper
76 100
78 32.5 0.0 65.6





#53
Dibromochloromethane
Concen: 20.434 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

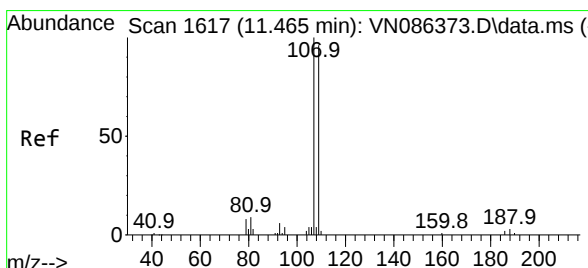
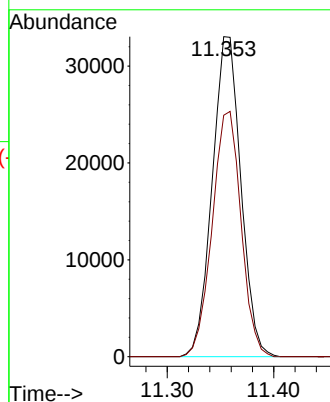
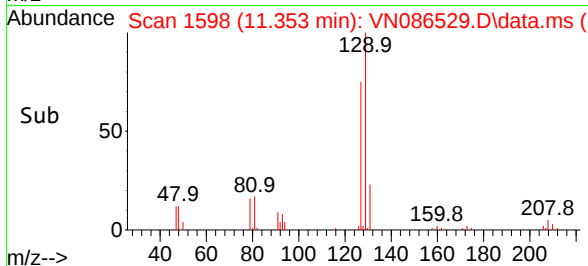
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01



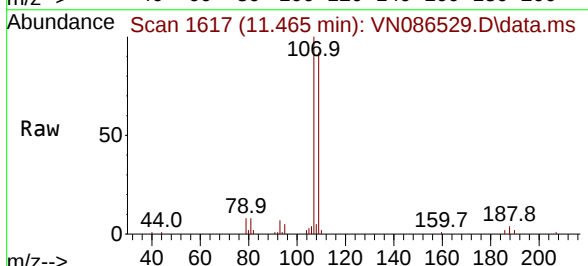
Tgt Ion:129 Resp: 61725
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.3

Manual Integrations
APPROVED

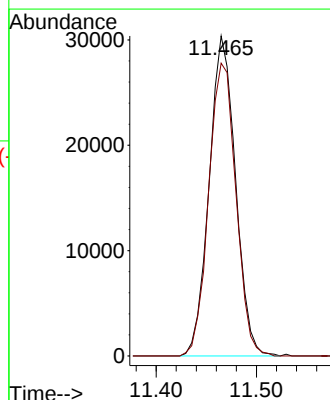
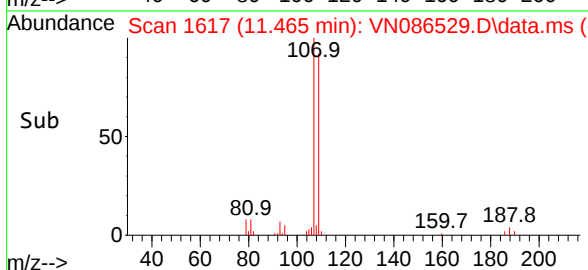
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025

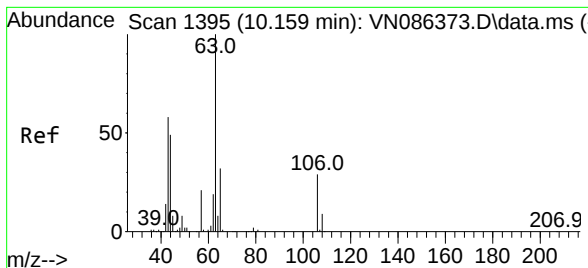


#54
1,2-Dibromoethane
Concen: 20.282 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38



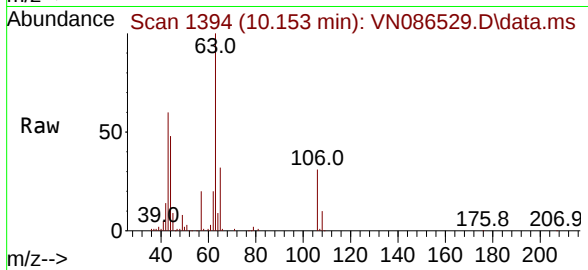
Tgt Ion:107 Resp: 55476
Ion Ratio Lower Upper
107 100
109 94.6 75.4 113.0





#55
2-Chloroethyl vinyl ether
Concen: 83.292 ug/l
RT: 10.153 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

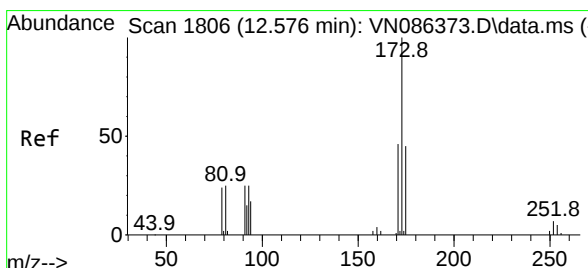
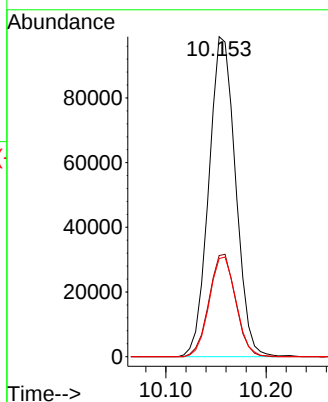
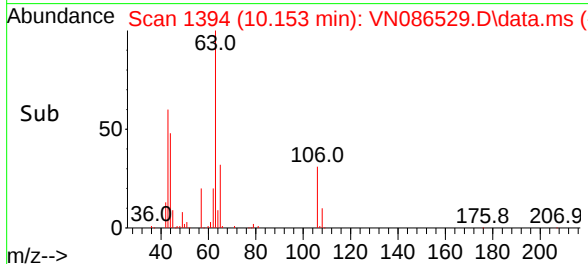
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01



Tgt Ion: 63 Resp: 183472
Ion Ratio Lower Upper
63 100
65 31.6 25.7 38.5
106 31.1 22.3 33.5

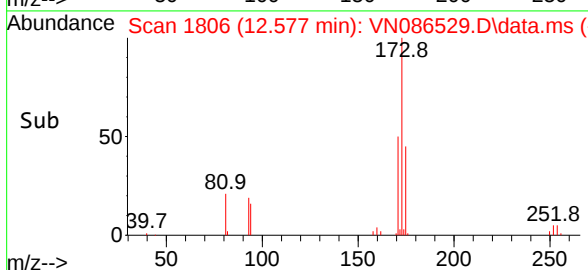
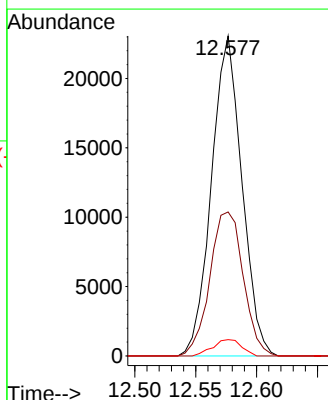
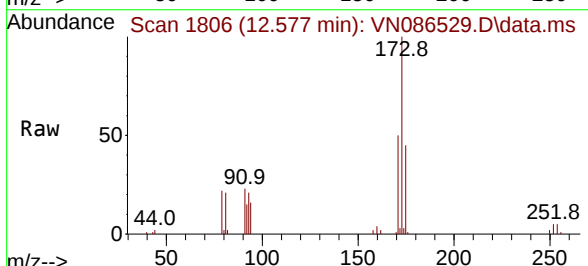
Manual Integrations
APPROVED

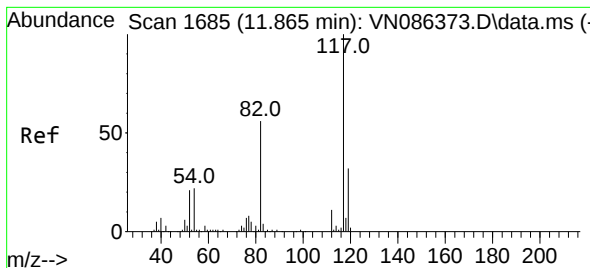
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#56
Bromoform
Concen: 20.436 ug/l
RT: 12.577 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

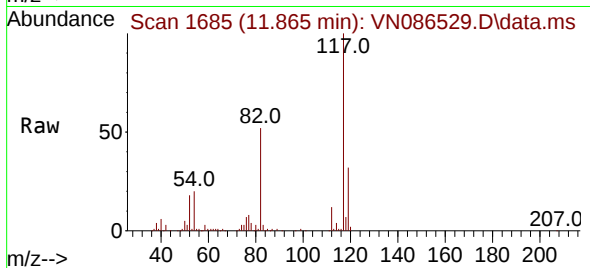
Tgt Ion:173 Resp: 40060
Ion Ratio Lower Upper
173 100
175 49.4 39.0 58.6
254 4.9 3.8 5.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

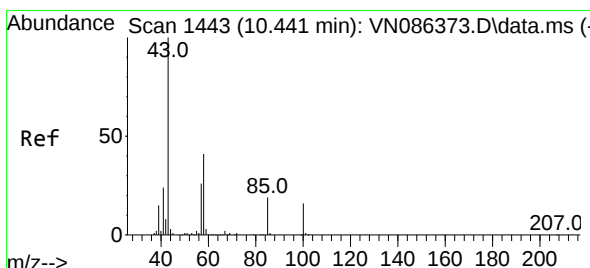
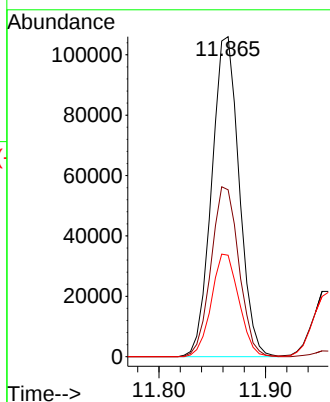
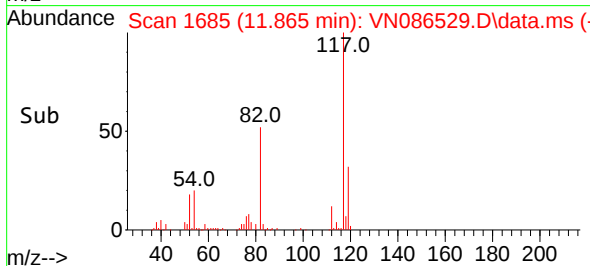
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01



Tgt Ion: 117 Resp: 189799
Ion Ratio Lower Upper
117 100
82 53.7 45.5 68.3
119 32.1 25.9 38.9

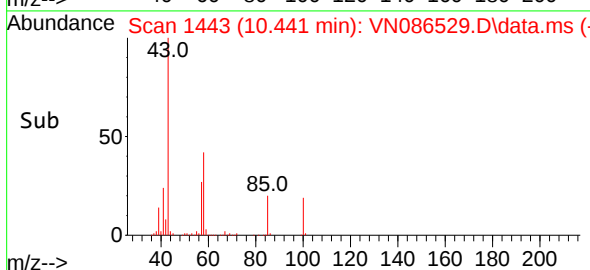
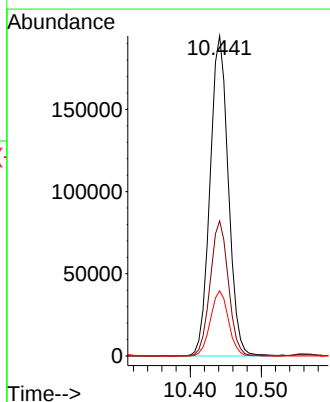
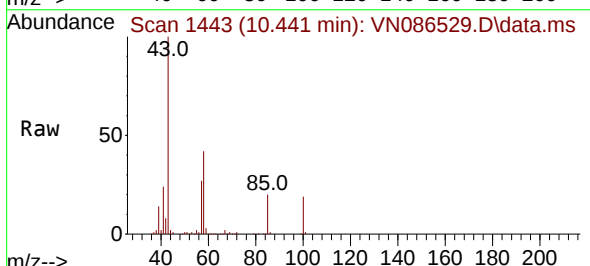
Manual Integrations
APPROVED

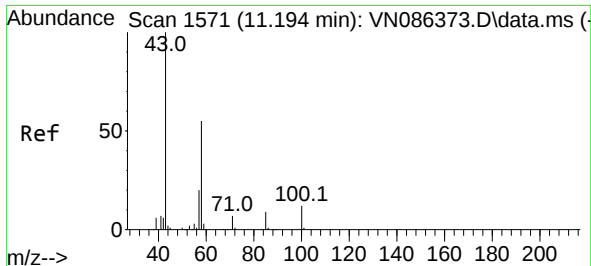
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#58
4-Methyl-2-Pentanone
Concen: 94.634 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

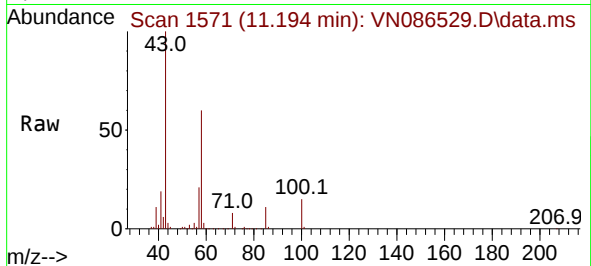
Tgt Ion: 43 Resp: 347579
Ion Ratio Lower Upper
43 100
58 41.9 33.0 49.6
85 20.1 14.9 22.3





#59
2-Hexanone
Concen: 92.593 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

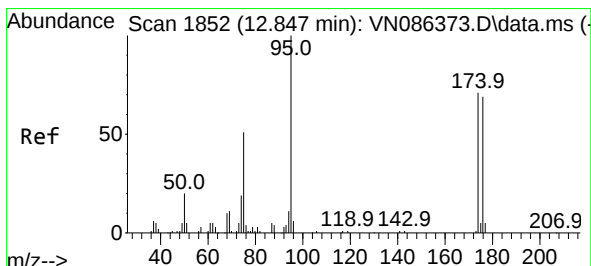
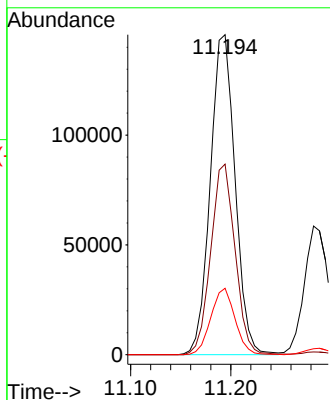
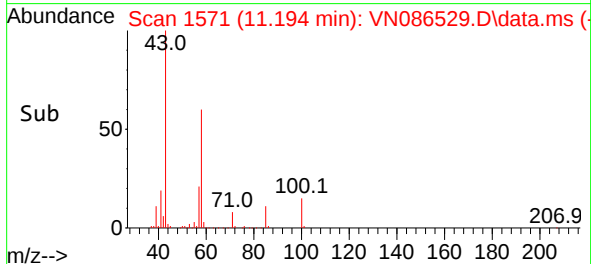
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01



Tgt Ion: 43 Resp: 250610
Ion Ratio Lower Upper
43 100
58 58.3 45.0 67.6
57 20.2 15.5 23.3

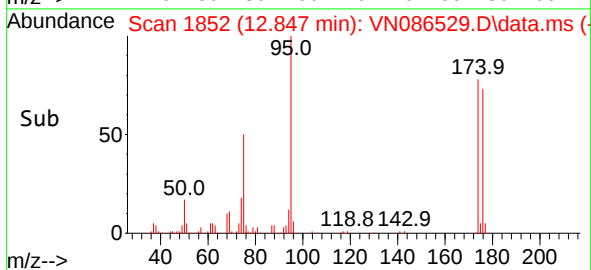
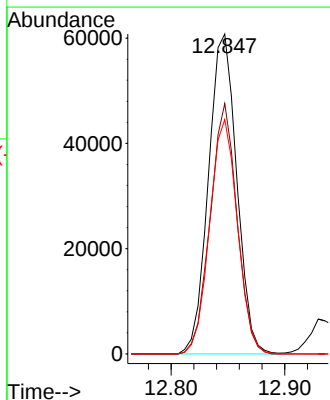
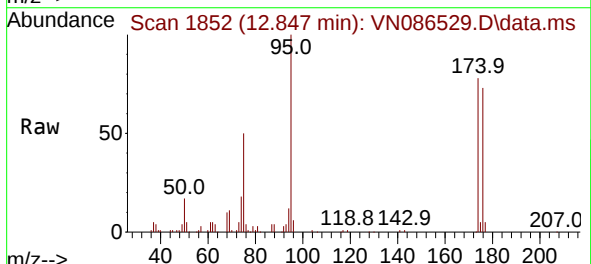
Manual Integrations
APPROVED

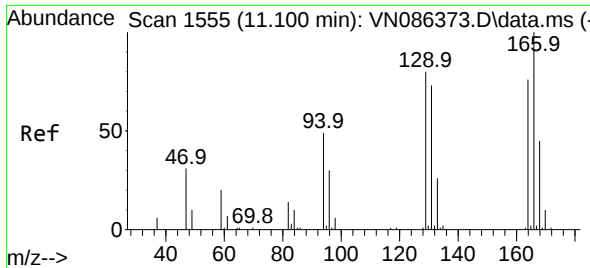
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#60
4-Bromofluorobenzene
Concen: 28.220 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

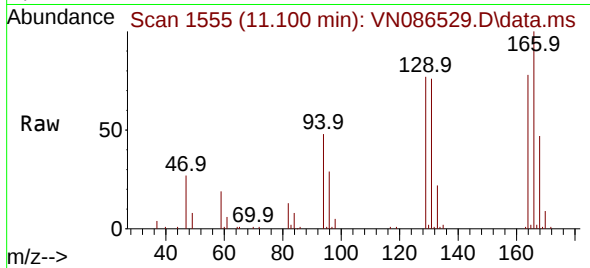
Tgt Ion: 95 Resp: 105269
Ion Ratio Lower Upper
95 100
174 74.1 56.6 84.8
176 71.9 53.3 79.9





#61
Tetrachloroethene
Concen: 21.953 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

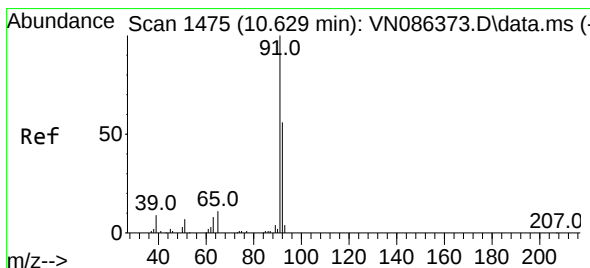
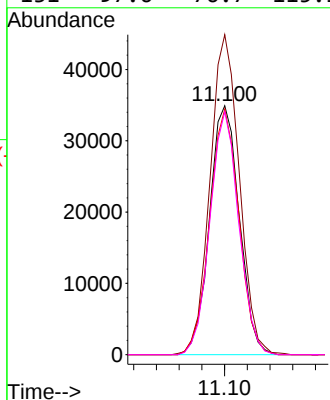
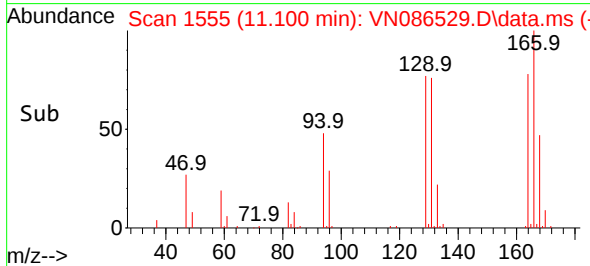
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01



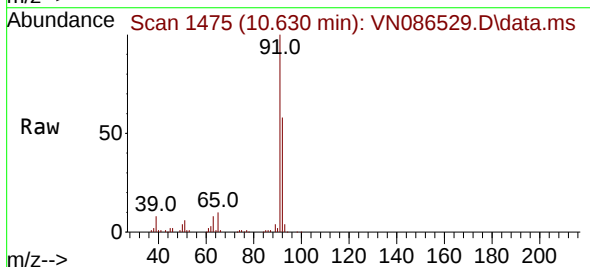
Tgt Ion:164 Resp: 63549
Ion Ratio Lower Upper
164 100
166 128.0 105.0 157.4
129 98.6 83.9 125.9
131 97.6 76.7 115.1

Manual Integrations
APPROVED

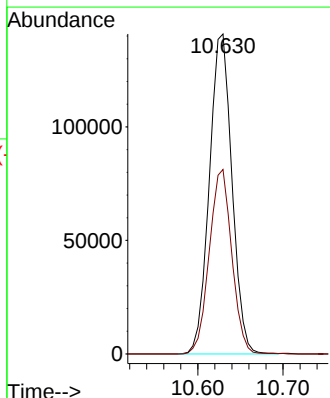
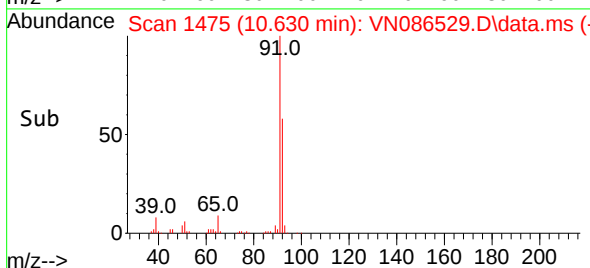
Reviewed By :John Carbone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025

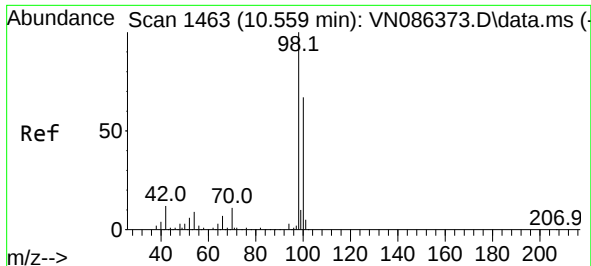


#62
Toluene
Concen: 20.456 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38



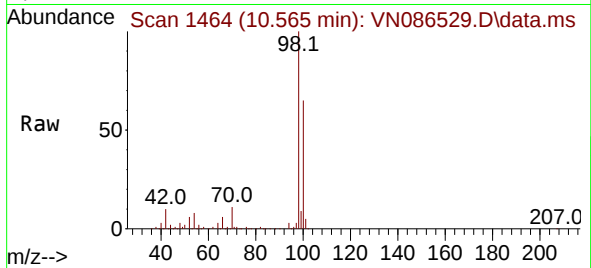
Tgt Ion: 91 Resp: 259875
Ion Ratio Lower Upper
91 100
92 57.4 45.7 68.5





#63
Toluene-d8
Concen: 29.398 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

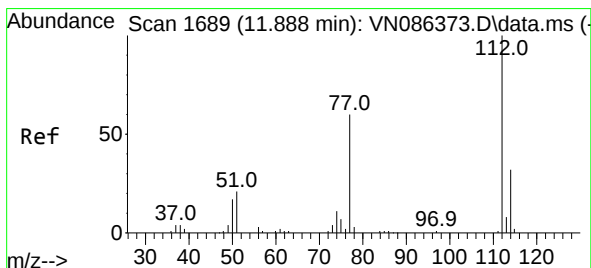
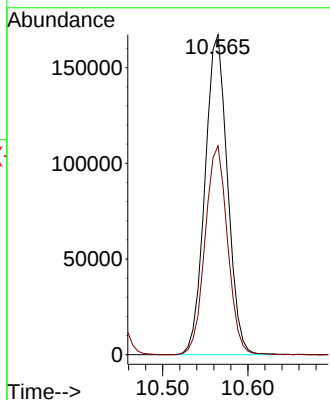
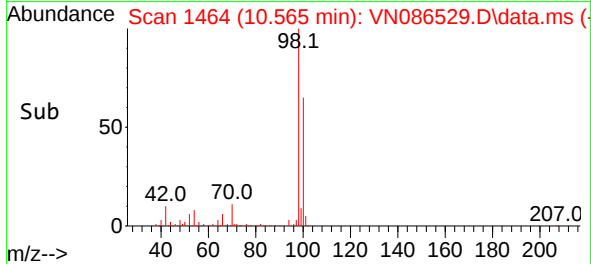
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01



Tgt Ion: 98 Resp: 306960
Ion Ratio Lower Upper
98 100
100 65.1 53.1 79.7

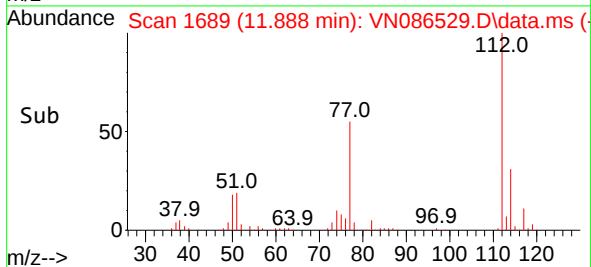
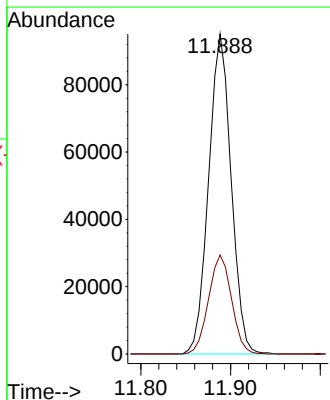
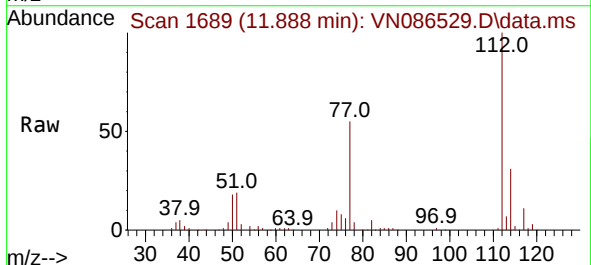
Manual Integrations
APPROVED

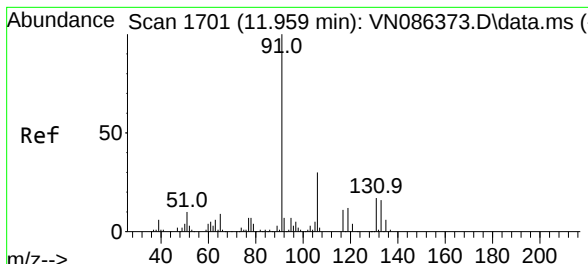
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#64
Chlorobenzene
Concen: 20.942 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

Tgt Ion:112 Resp: 165779
Ion Ratio Lower Upper
112 100
114 30.9 25.6 38.4



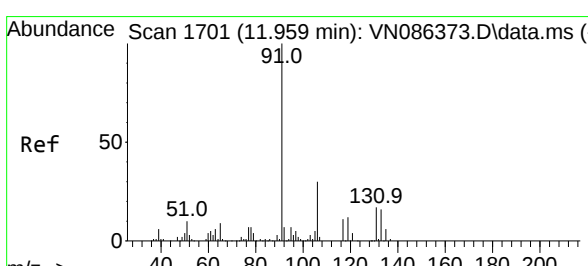
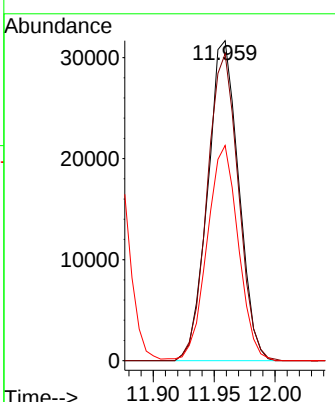
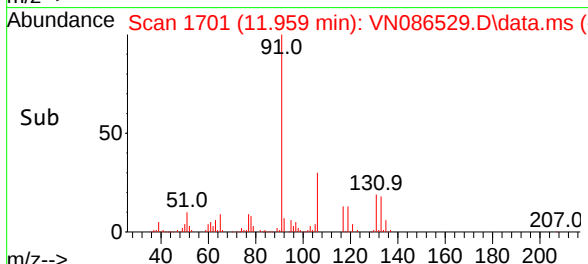
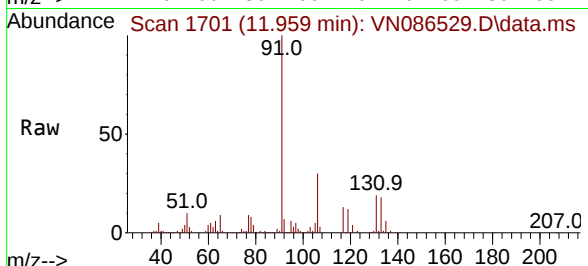


#65
 1,1,1,2-Tetrachloroethane
 Concen: 21.174 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: VN086529.D
 Acq: 07 May 2025 11:38

Instrument : MSVOA_N
 ClientSampleId : VN0507WBS01

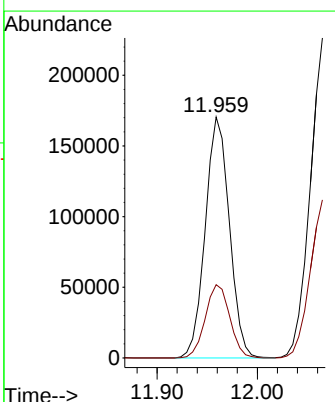
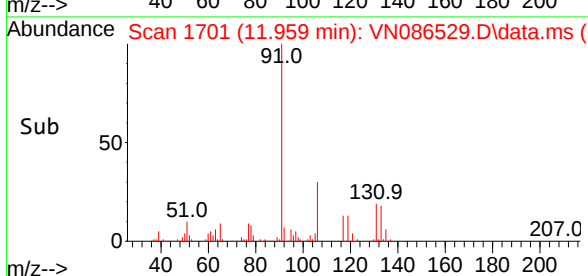
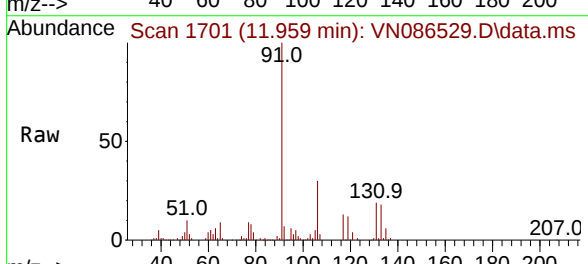
Tgt Ion:	131	Resp:	5604
Ion Ratio	Lower	Upper	
131	100		
133	96.7	0.0	191.4
119	67.7	0.0	133.6

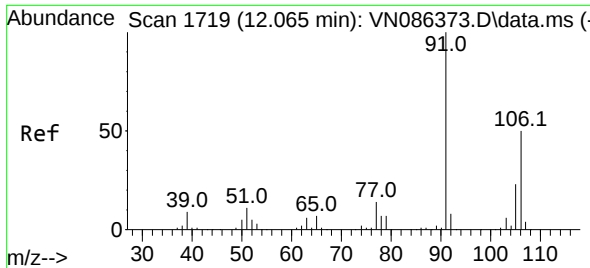
Manual Integrations
APPROVED
 Reviewed By :John Carlone 05/08/2025
 Supervised By :Mahesh Dadoda 05/08/2025



#66
 Ethyl Benzene
 Concen: 19.937 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: VN086529.D
 Acq: 07 May 2025 11:38

Tgt Ion:	91	Resp:	285109
Ion Ratio	Lower	Upper	
91	100		
106	30.4	24.3	36.5





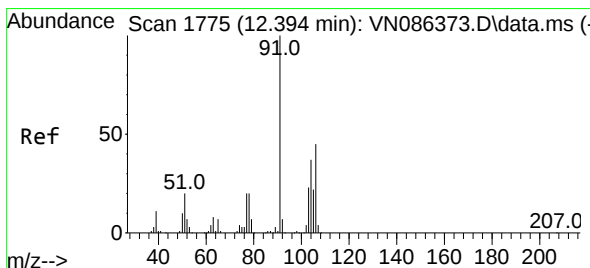
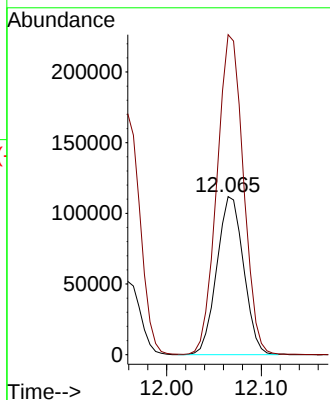
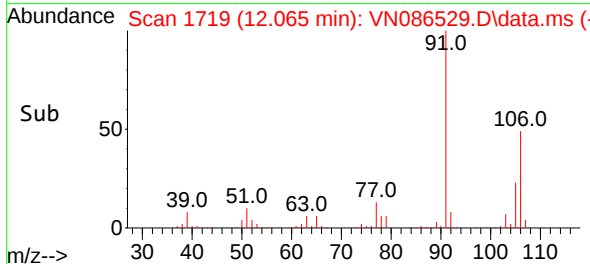
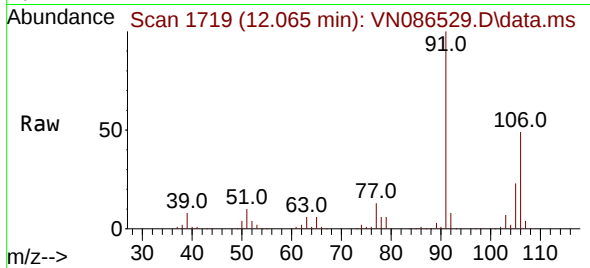
#67
m/p-Xylenes
Concen: 40.523 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

Tgt Ion:106 Resp: 219872
Ion Ratio Lower Upper
106 100
91 200.3 162.6 243.8

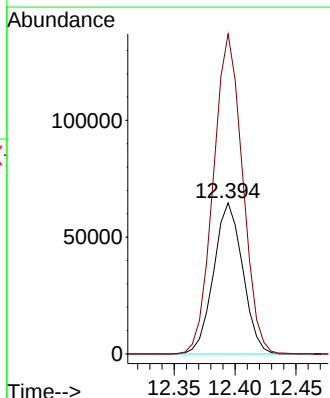
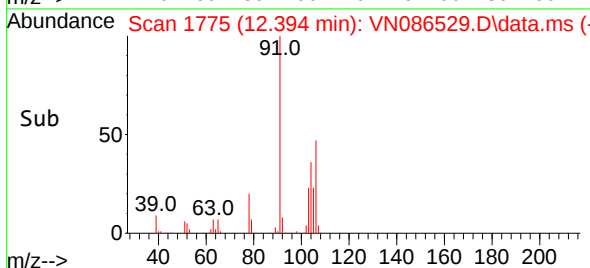
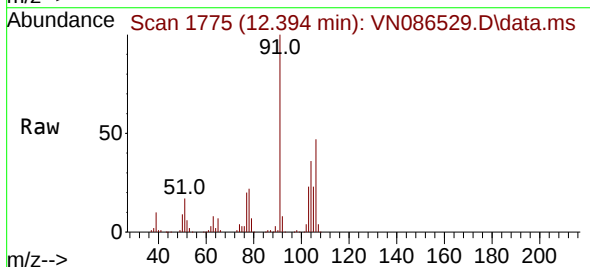
Manual Integrations
APPROVED

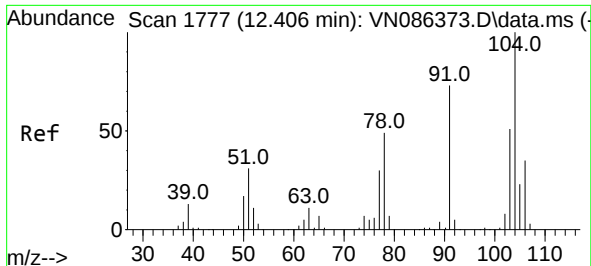
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#68
o-Xylene
Concen: 20.252 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

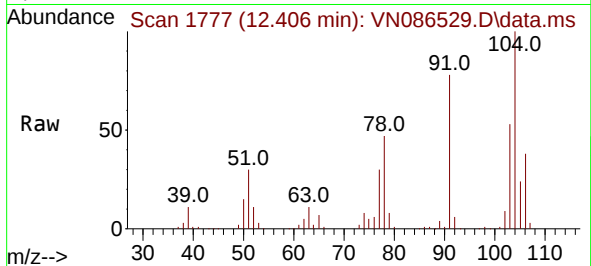
Tgt Ion:106 Resp: 107590
Ion Ratio Lower Upper
106 100
91 213.0 110.6 331.6





#69
Styrene
Concen: 19.425 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

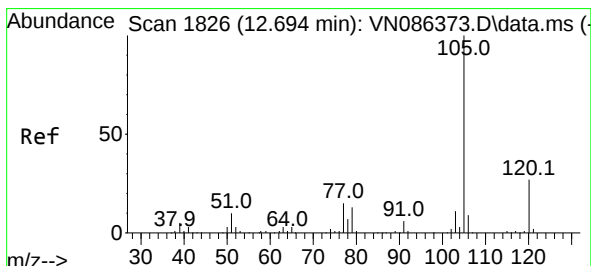
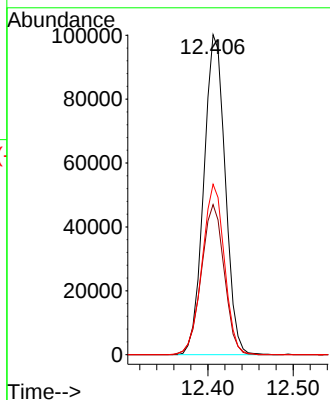
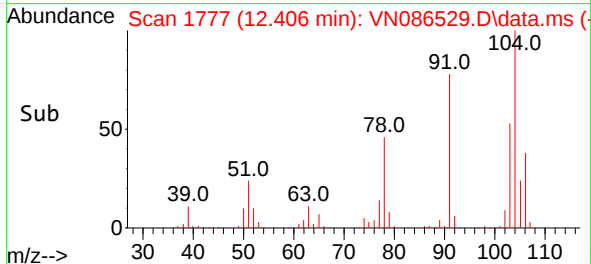
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01



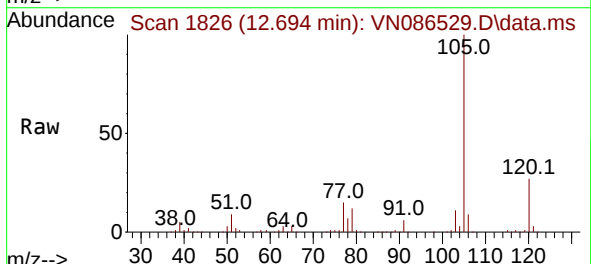
Tgt Ion:104 Resp: 17491
Ion Ratio Lower Upper
104 100
78 49.9 40.2 60.4
103 55.4 43.8 65.8

Manual Integrations
APPROVED

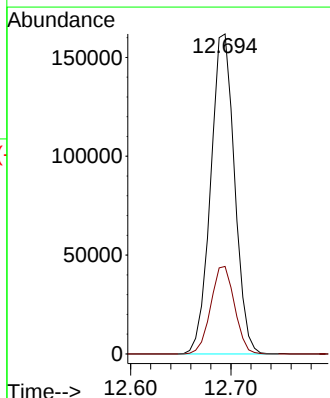
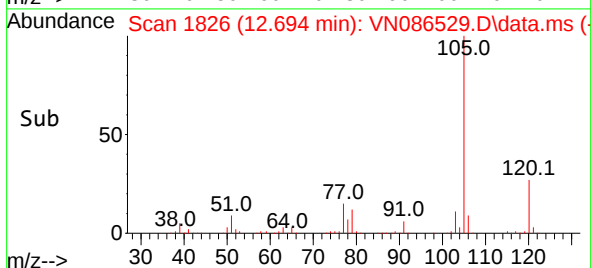
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025

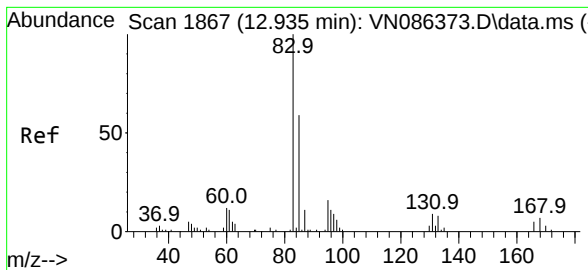


#70
Isopropylbenzene
Concen: 20.216 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38



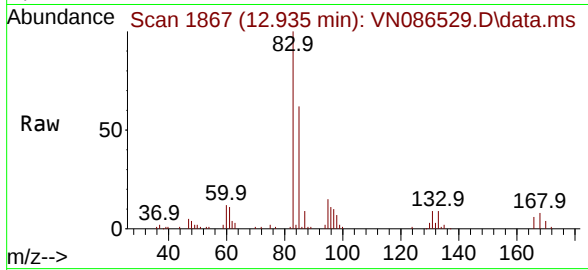
Tgt Ion:105 Resp: 268091
Ion Ratio Lower Upper
105 100
120 27.2 18.2 33.8





#71
1,1,2,2-Tetrachloroethane
Concen: 20.740 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

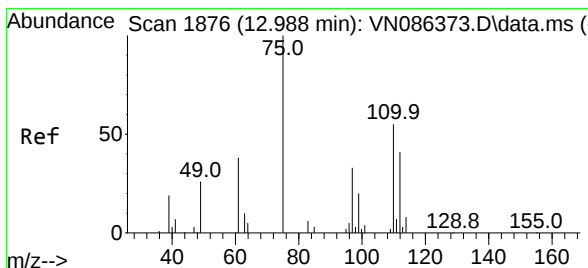
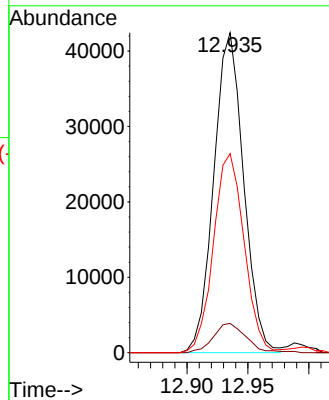
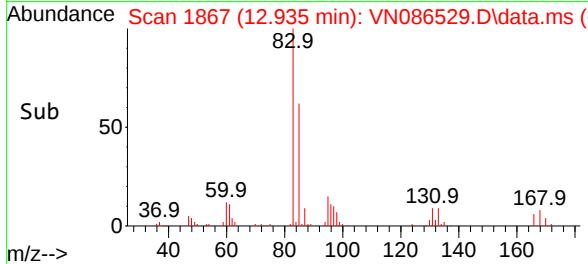
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01



Tgt Ion: 83 Resp: 7242
Ion Ratio Lower Upper
83 100
131 10.0 4.5 13.7
85 63.6 31.7 95.1

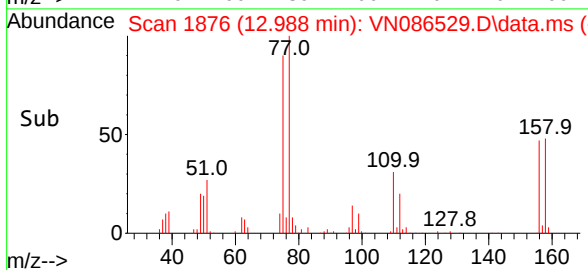
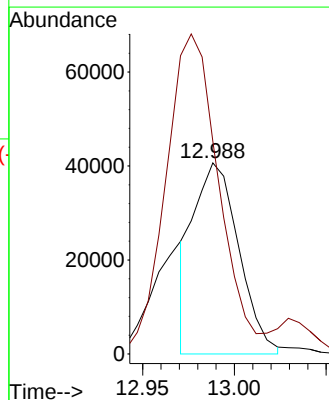
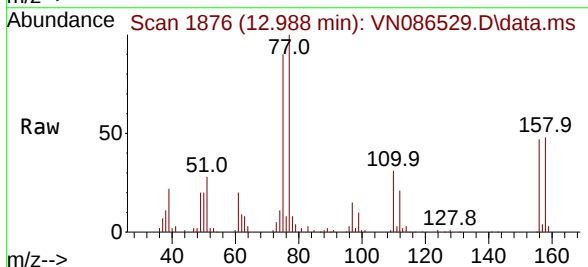
Manual Integrations
APPROVED

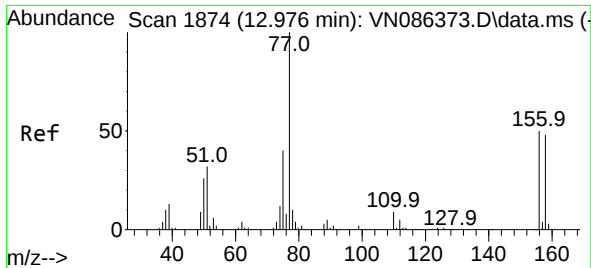
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#72
1,2,3-Trichloropropane
Concen: 22.837 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

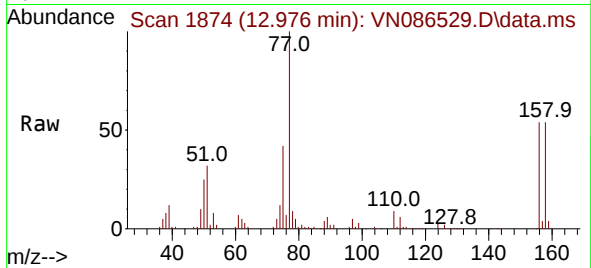
Tgt Ion: 75 Resp: 69523
Ion Ratio Lower Upper
75 100
77 195.3 0.0 464.4





#73
Bromobenzene
Concen: 21.011 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

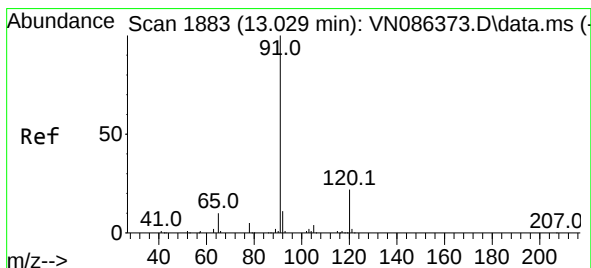
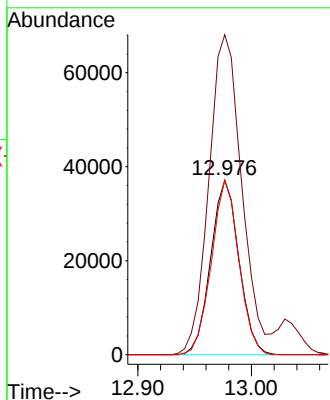
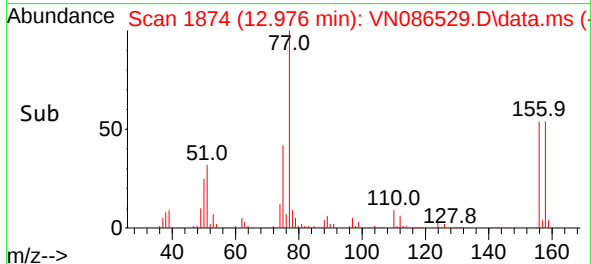
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01



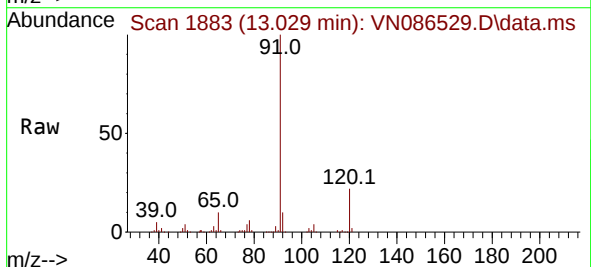
Tgt Ion:156 Resp: 6406
Ion Ratio Lower Upper
156 100
77 211.9 0.0 463.4
158 97.4 0.0 191.8

Manual Integrations
APPROVED

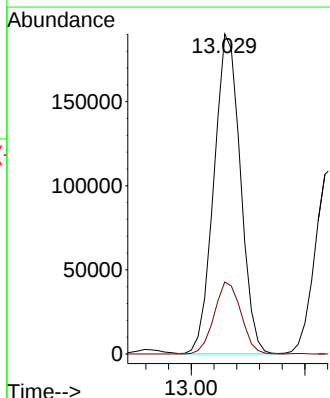
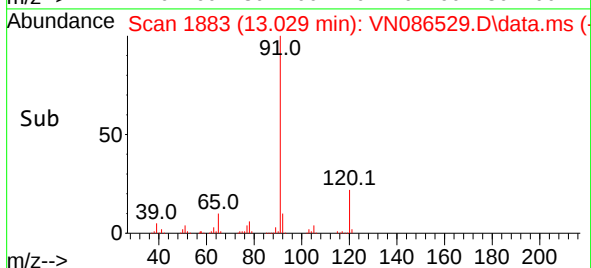
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025

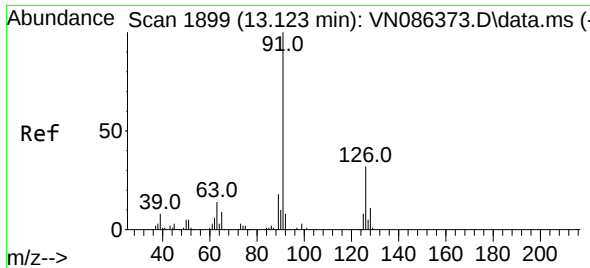


#74
n-propylbenzene
Concen: 19.555 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38



Tgt Ion: 91 Resp: 308169
Ion Ratio Lower Upper
91 100
120 22.7 0.0 43.8





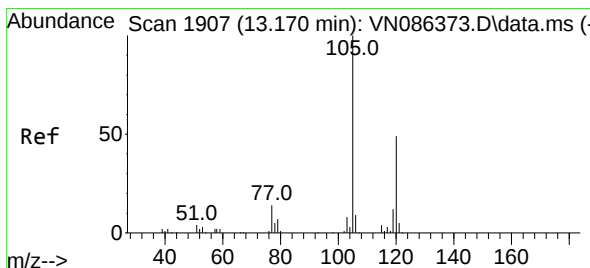
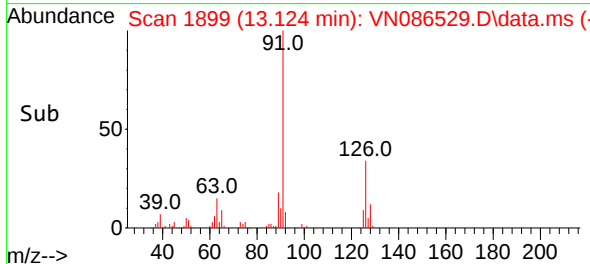
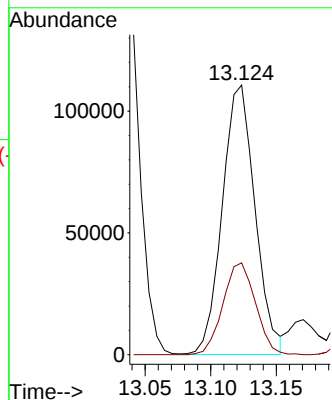
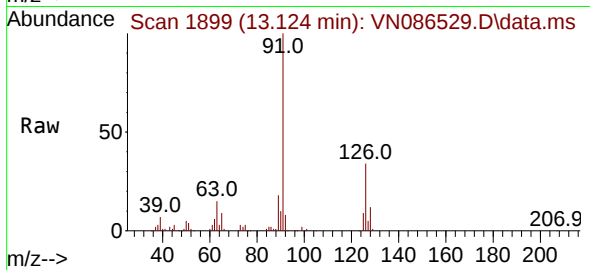
#75
2-Chlorotoluene
Concen: 19.557 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

Tgt Ion: 91 Resp: 192394
Ion Ratio Lower Upper
91 100
126 33.8 0.0 65.0

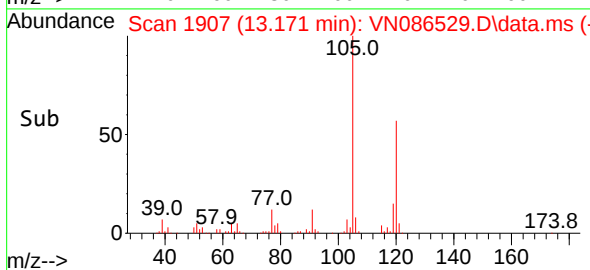
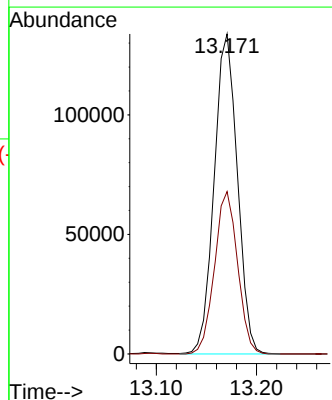
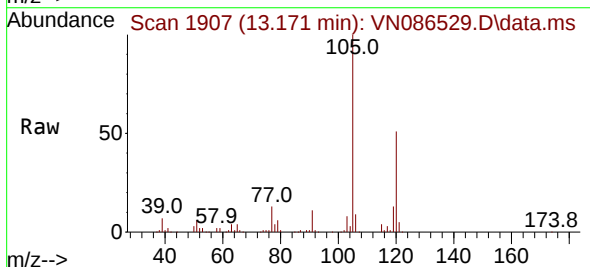
Manual Integrations
APPROVED

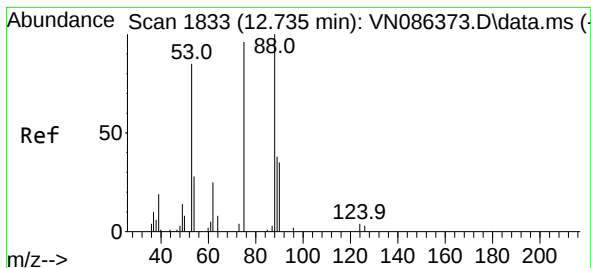
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#76
1,3,5-Trimethylbenzene
Concen: 19.771 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

Tgt Ion:105 Resp: 215137
Ion Ratio Lower Upper
105 100
120 50.3 0.0 97.6





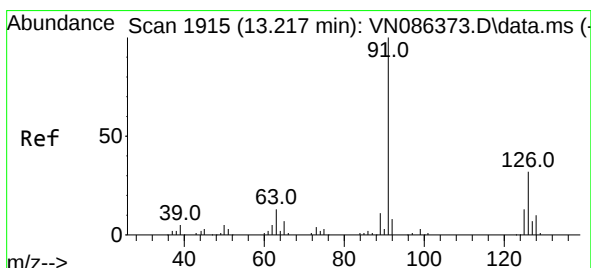
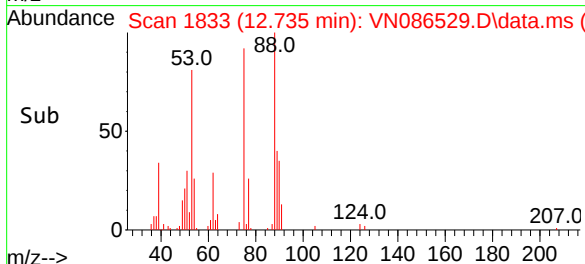
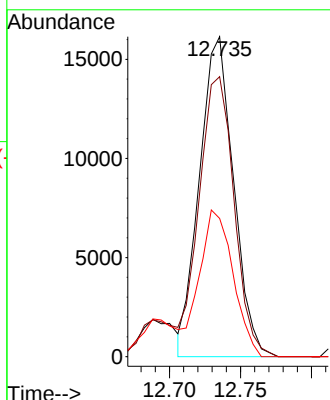
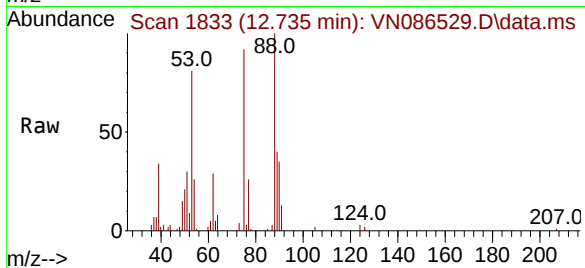
#77
t-1,4-Dichloro-2-butene
Concen: 17.418 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

Tgt Ion: 75 Resp: 2691
Ion Ratio Lower Upper
75 100
53 87.5 46.0 138.0
89 43.2 21.6 64.6

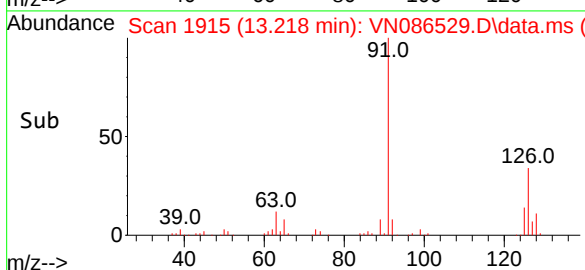
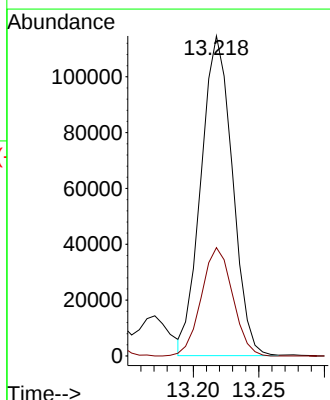
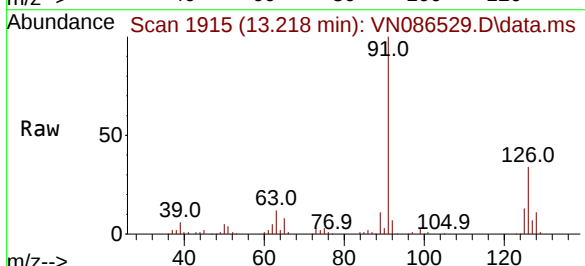
Manual Integrations
APPROVED

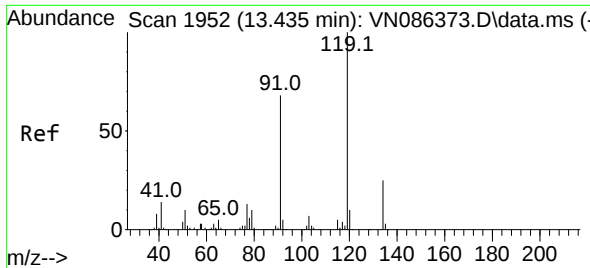
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#78
4-Chlorotoluene
Concen: 19.394 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

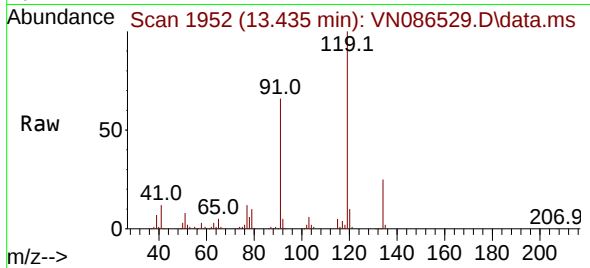
Tgt Ion: 91 Resp: 190763
Ion Ratio Lower Upper
91 100
126 33.8 0.0 65.4





#79
tert-butylbenzene
Concen: 20.210 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

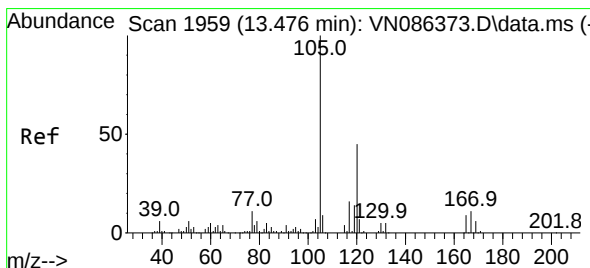
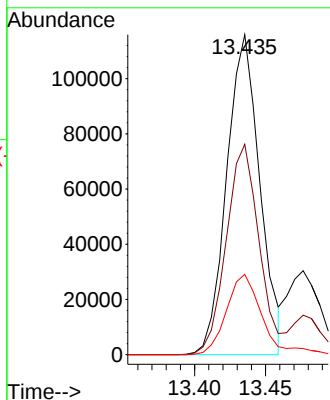
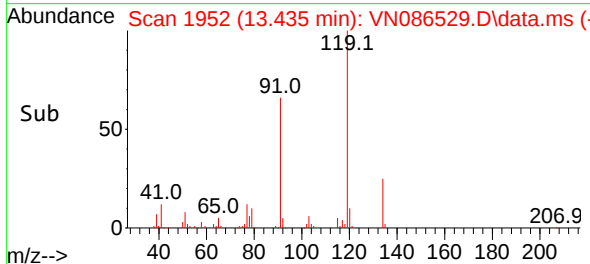
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01



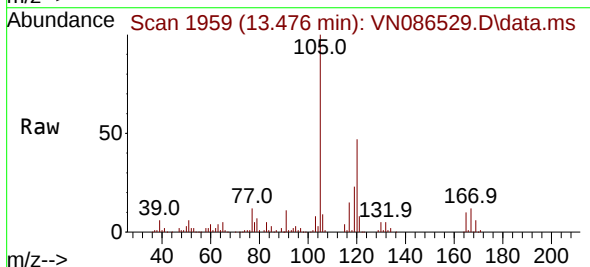
Tgt Ion:119 Resp: 188339
Ion Ratio Lower Upper
119 100
91 64.5 0.0 137.4
134 25.5 0.0 49.2

Manual Integrations
APPROVED

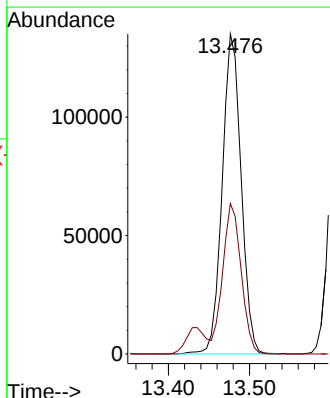
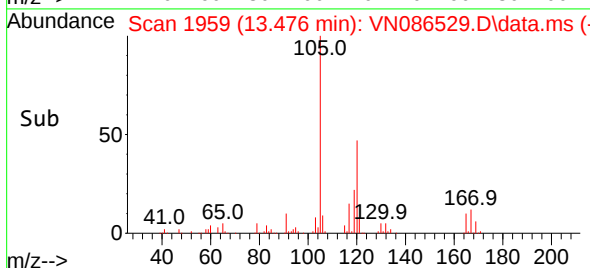
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025

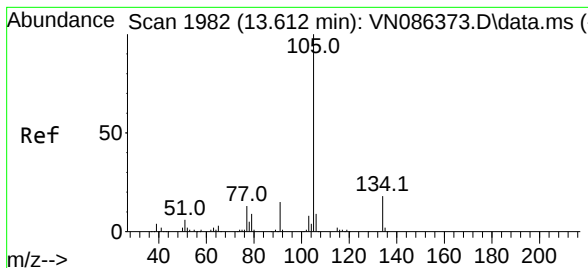


#80
1,2,4-Trimethylbenzene
Concen: 19.704 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38



Tgt Ion:105 Resp: 218972
Ion Ratio Lower Upper
105 100
120 45.7 0.0 87.6





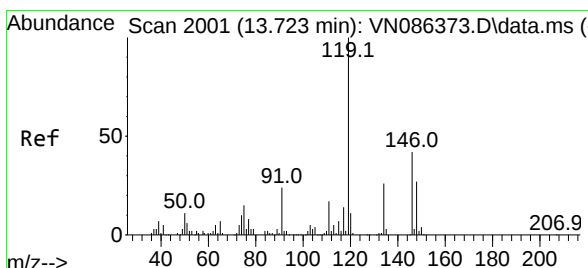
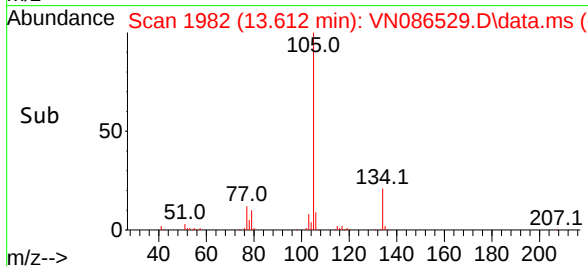
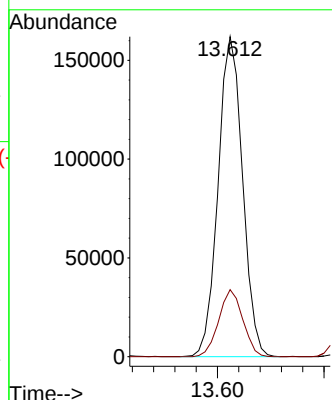
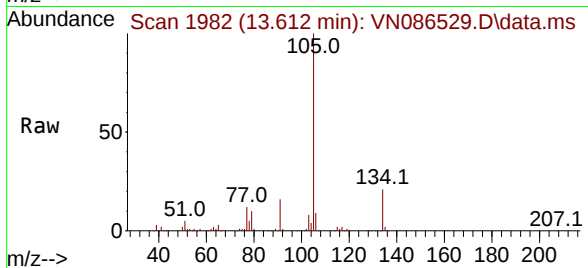
#81
 sec-Butylbenzene
 Concen: 19.398 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086529.D
 Acq: 07 May 2025 11:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507WBS01

Tgt Ion:105 Resp: 258052
 Ion Ratio Lower Upper
 105 100
 134 20.6 0.0 38.4

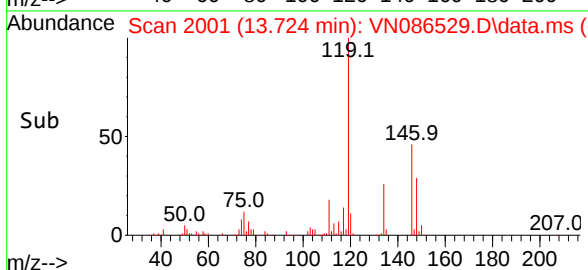
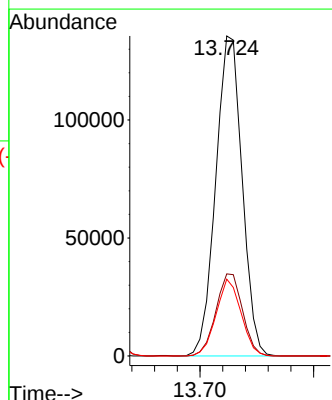
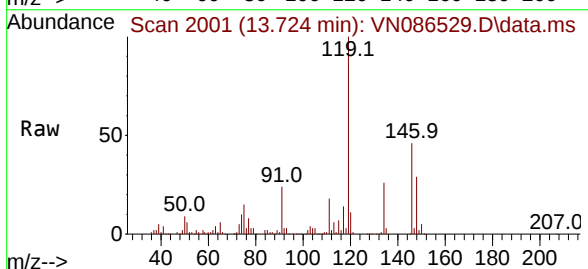
Manual Integrations
 APPROVED

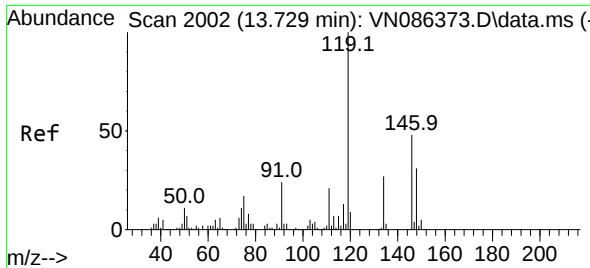
Reviewed By :John Carlone 05/08/2025
 Supervised By :Mahesh Dadoda 05/08/2025



#82
 p-Isopropyltoluene
 Concen: 19.662 ug/l
 RT: 13.724 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086529.D
 Acq: 07 May 2025 11:38

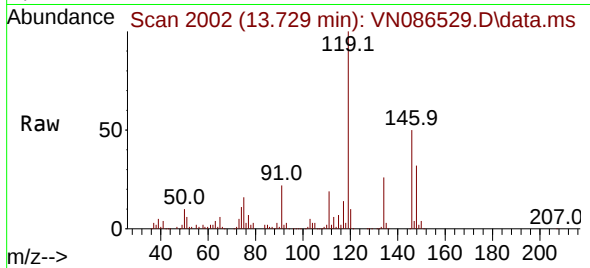
Tgt Ion:119 Resp: 218867
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.2
 91 22.7 0.0 47.6





#83
1,3-Dichlorobenzene
Concen: 20.324 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

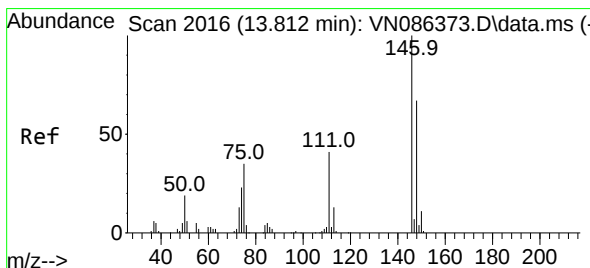
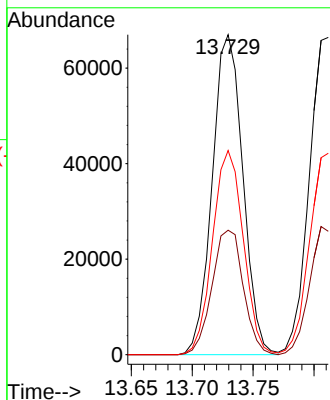
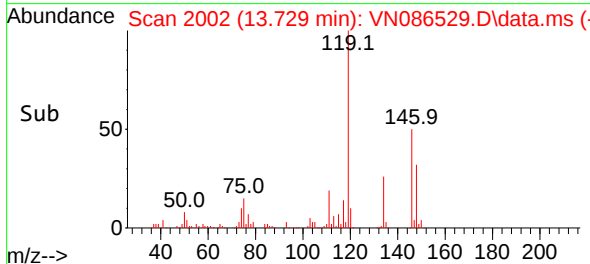
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01



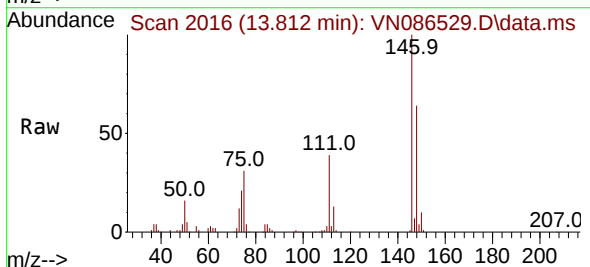
Tgt Ion:146 Resp: 11713
Ion Ratio Lower Upper
146 100
111 39.9 20.7 62.1
148 64.2 32.3 96.8

Manual Integrations
APPROVED

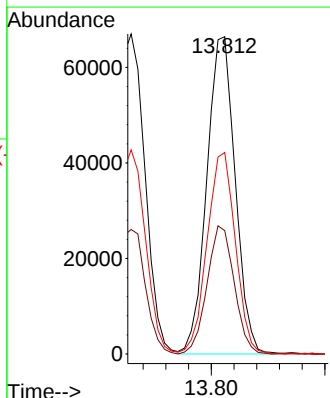
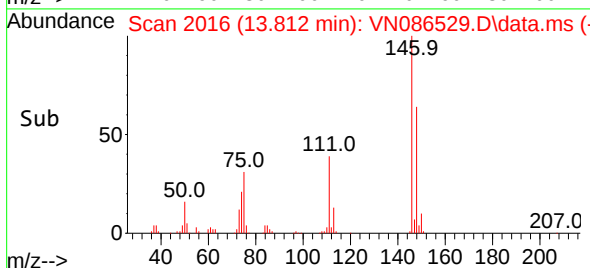
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025

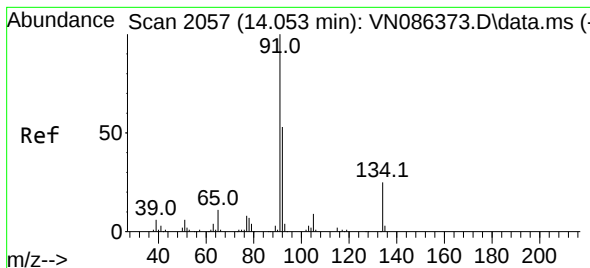


#84
1,4-Dichlorobenzene
Concen: 20.277 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38



Tgt Ion:146 Resp: 115464
Ion Ratio Lower Upper
146 100
111 38.6 20.3 60.8
148 63.2 32.4 97.2





#85

n-Butylbenzene

Concen: 18.366 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN086529.D

Acq: 07 May 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0507WBS01

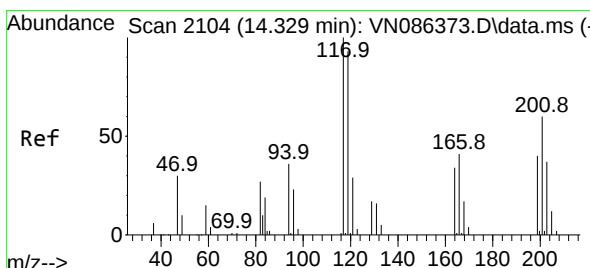
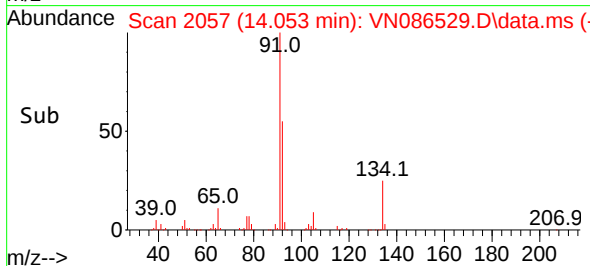
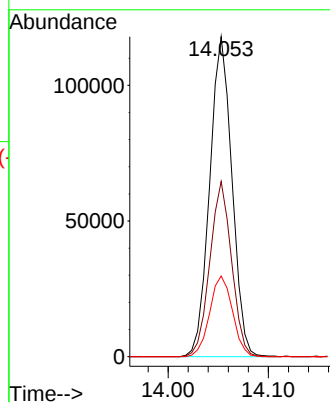
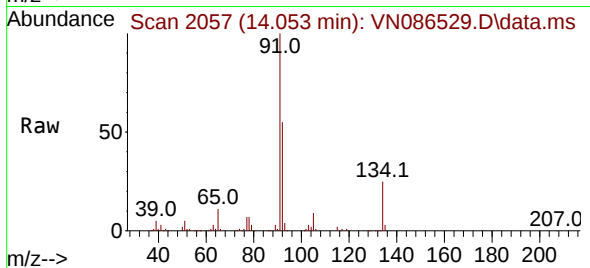
Tgt Ion:	91	Resp:	18241
Ion Ratio	Lower	Upper	
91	100		
92	53.3	0.0	107.2
134	25.8	0.0	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2025

Supervised By :Mahesh Dadoda 05/08/2025



#86

Hexachloroethane

Concen: 18.929 ug/l

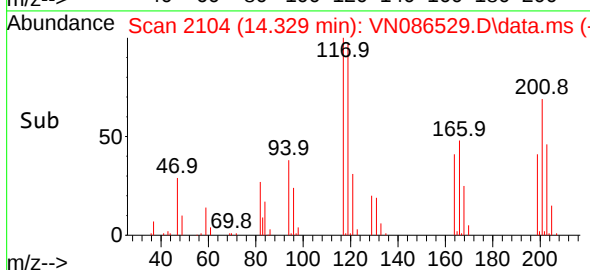
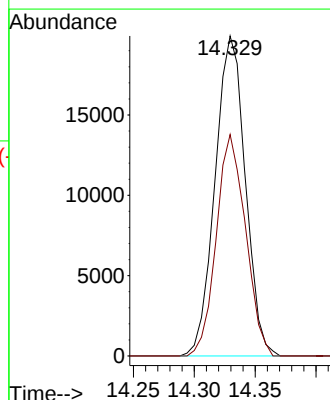
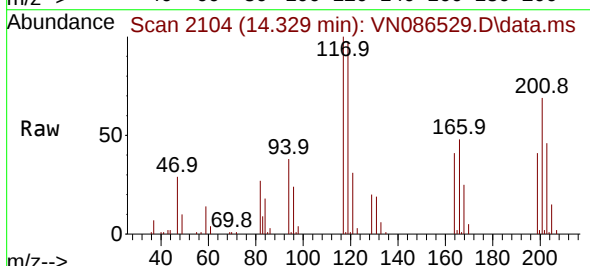
RT: 14.329 min Scan# 2104

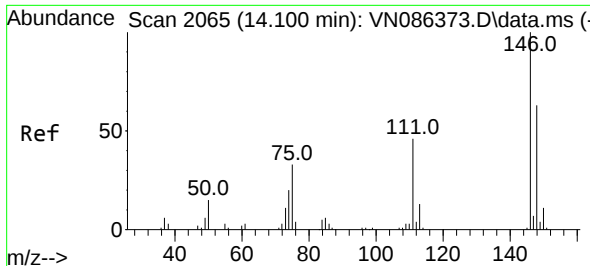
Delta R.T. 0.000 min

Lab File: VN086529.D

Acq: 07 May 2025 11:38

Tgt Ion:	117	Resp:	34453
Ion Ratio	Lower	Upper	
117	100		
201	66.8	31.7	95.1





#87

1,2-Dichlorobenzene

Concen: 20.548 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VN086529.D

Acq: 07 May 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0507WBS01

Tgt Ion:146 Resp: 11268

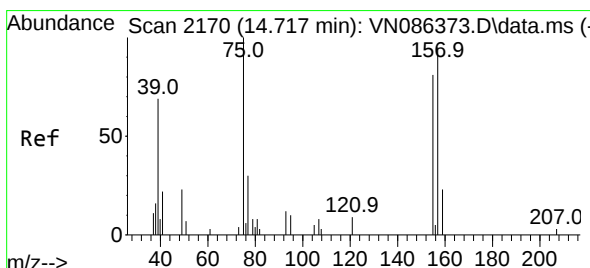
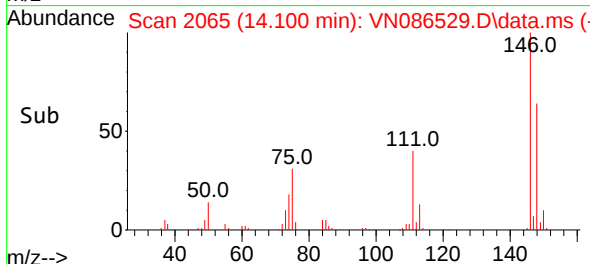
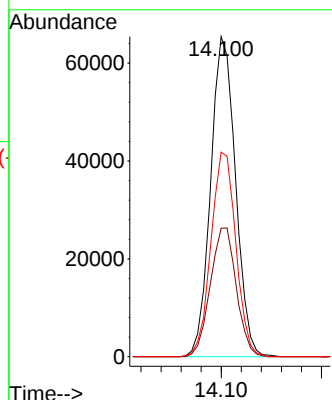
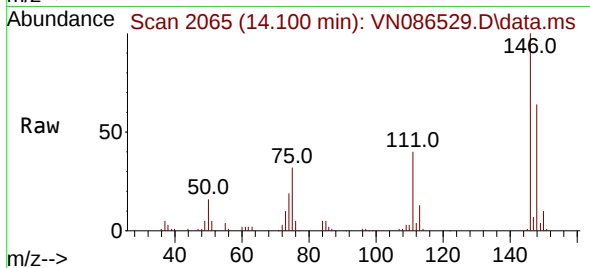
Ion	Ratio	Lower	Upper
146	100		
111	42.0	22.1	66.3
148	64.0	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2025

Supervised By :Mahesh Dadoda 05/08/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.856 ug/l

RT: 14.712 min Scan# 2169

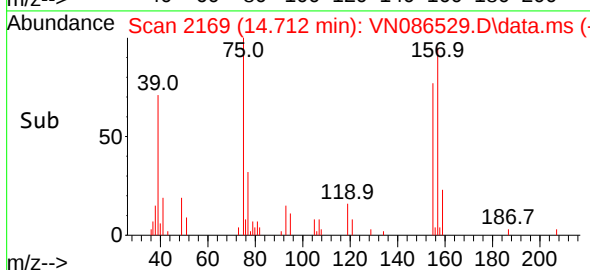
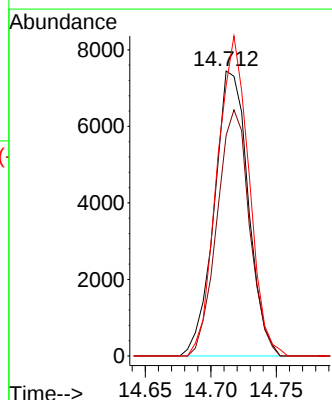
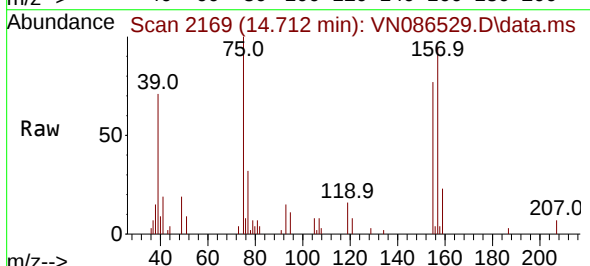
Delta R.T. -0.006 min

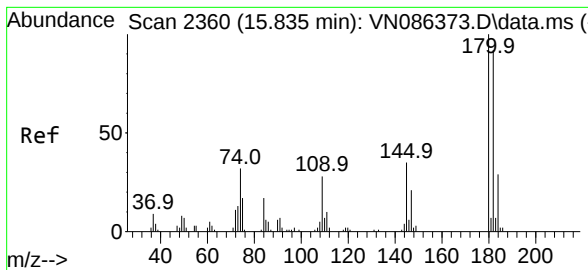
Lab File: VN086529.D

Acq: 07 May 2025 11:38

Tgt Ion: 75 Resp: 13383

Ion	Ratio	Lower	Upper
75	100		
155	82.7	64.0	96.0
157	105.5	78.2	117.4





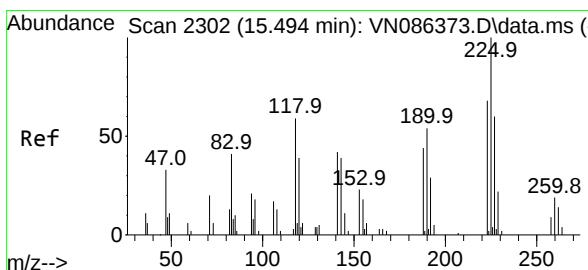
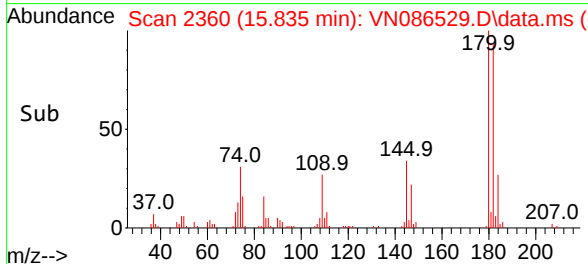
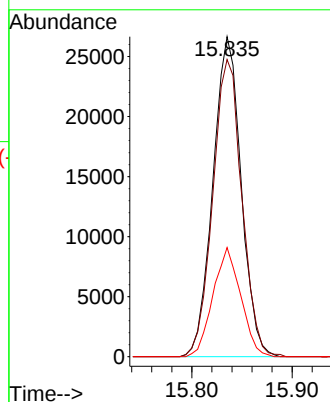
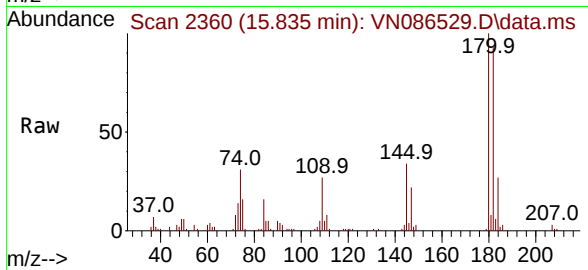
#89
1,2,4-Trichlorobenzene
Concen: 20.870 ug/l
RT: 15.835 min Scan# 2162
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

Tgt Ion:180 Resp: 52162
Ion Ratio Lower Upper
180 100
182 95.4 74.8 112.2
145 33.5 26.9 40.3

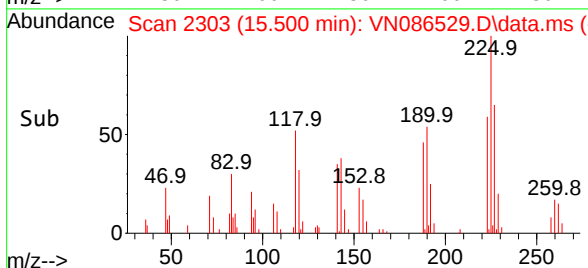
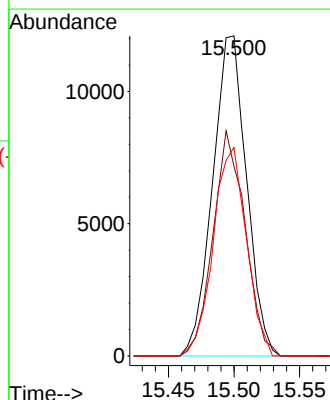
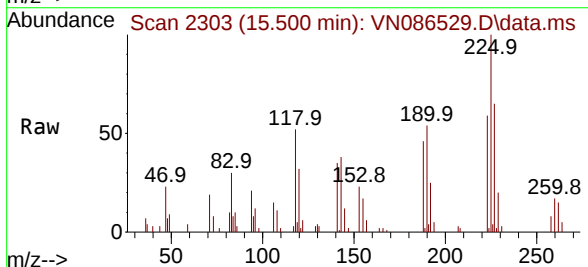
Manual Integrations
APPROVED

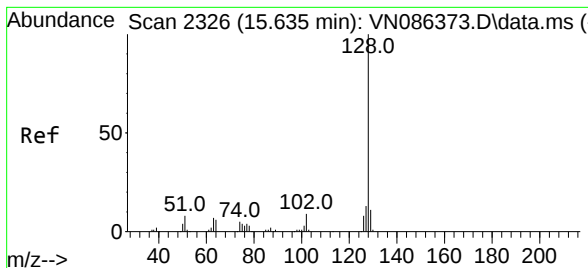
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#90
Hexachlorobutadiene
Concen: 21.611 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

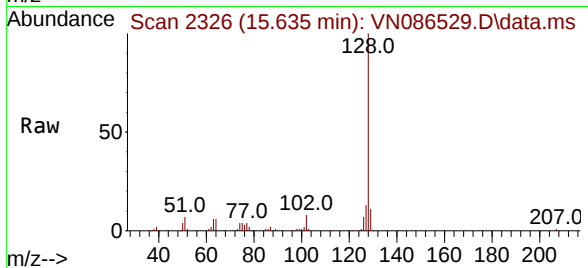
Tgt Ion:225 Resp: 21757
Ion Ratio Lower Upper
225 100
223 66.5 0.0 128.8
227 63.9 0.0 120.2





#91
Naphthalene
Concen: 19.725 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38

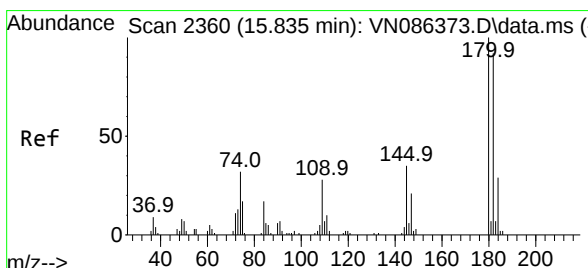
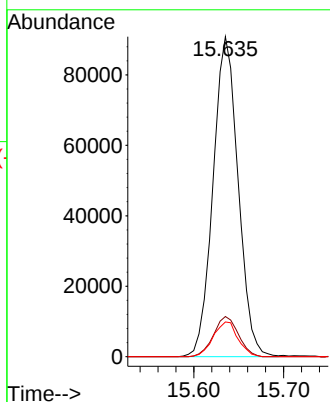
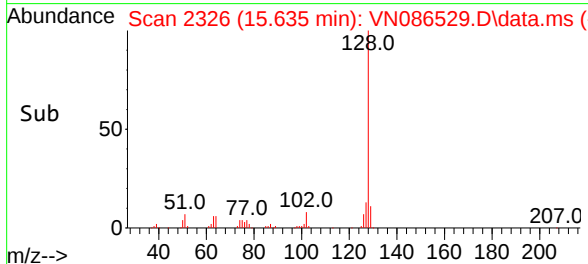
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01



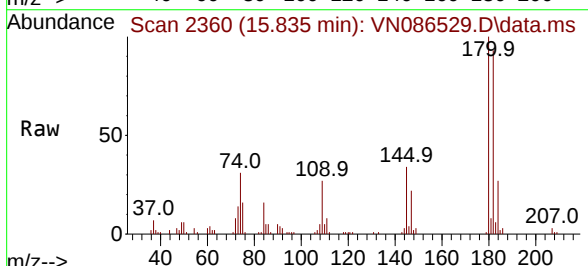
Tgt Ion:128 Resp: 176502
Ion Ratio Lower Upper
128 100
127 12.4 10.6 15.8
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#92
1,2,3-Trichlorobenzene
Concen: 20.870 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086529.D
Acq: 07 May 2025 11:38



Tgt Ion:180 Resp: 52162
Ion Ratio Lower Upper
180 100
182 95.4 0.0 187.0
145 33.5 0.0 67.2

