

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
 Data File : VN086516.D
 Acq On : 06 May 2025 15:47
 Operator : JC\MD
 Sample : VN0506MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/07/2025
 Supervised By : Mahesh Dadoda 05/07/2025

Quant Time: May 07 02:56:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	179114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	320919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	294238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	133843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	128571	49.502	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.000%		
35) Dibromofluoromethane	8.165	113	88502	59.420	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	118.840%		
50) Toluene-d8	10.565	98	408587	51.329	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.660%		
62) 4-Bromofluorobenzene	12.847	95	147201	50.699	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	38789	18.269	ug/l	98
3) Chloromethane	2.359	50	50437	16.345	ug/l	100
4) Vinyl Chloride	2.512	62	48456	16.455	ug/l	99
5) Bromomethane	2.953	94	29683	22.410	ug/l	95
6) Chloroethane	3.118	64	33302	16.897	ug/l	98
7) Trichlorofluoromethane	3.500	101	63412	19.441	ug/l	93
8) Diethyl Ether	3.959	74	26291	18.463	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.377	101	37668	19.089	ug/l	97
10) Methyl Iodide	4.589	142	48122	22.182	ug/l	96
11) Tert butyl alcohol	5.512	59	45438	95.881	ug/l	100
12) 1,1-Dichloroethene	4.336	96	37946	18.000	ug/l	95
13) Acrolein	4.177	56	25954	108.936	ug/l	98
14) Allyl chloride	5.024	41	56413	15.053	ug/l	95
15) Acrylonitrile	5.718	53	106625	91.015	ug/l	99
16) Acetone	4.424	43	88288	94.773	ug/l	98
17) Carbon Disulfide	4.712	76	99614	15.781	ug/l	99
18) Methyl Acetate	5.018	43	51121	16.397	ug/l	97
19) Methyl tert-butyl Ether	5.788	73	143043	18.459	ug/l	96
20) Methylene Chloride	5.271	84	47160	19.641	ug/l	91
21) trans-1,2-Dichloroethene	5.788	96	40832	18.526	ug/l	94
22) Diisopropyl ether	6.665	45	135844	16.663	ug/l	96
23) Vinyl Acetate	6.600	43	494468	86.764	ug/l	96
24) 1,1-Dichloroethane	6.565	63	77660	18.054	ug/l	100
25) 2-Butanone	7.477	43	140434	86.865	ug/l	94
26) 2,2-Dichloropropane	7.488	77	64888	16.848	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	50856	18.591	ug/l	94
28) Bromochloromethane	7.812	49	34810	19.086	ug/l	88
29) Tetrahydrofuran	7.835	42	93414	86.407	ug/l	95
30) Chloroform	7.965	83	80933	19.153	ug/l	98
31) Cyclohexane	8.253	56	70062	16.645	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	69981	19.360	ug/l	98
36) 1,1-Dichloropropene	8.365	75	55581	18.683	ug/l	98
37) Ethyl Acetate	7.559	43	57611	18.394	ug/l	99
38) Carbon Tetrachloride	8.359	117	58931	20.801	ug/l	98
39) Methylcyclohexane	9.600	83	62938	17.799	ug/l	97
40) Benzene	8.606	78	182043	19.099	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	30181	16.627	ug/l	91
42) 1,2-Dichloroethane	8.665	62	62654	20.613	ug/l	100
43) Isopropyl Acetate	8.688	43	111933	18.477	ug/l	99
44) Trichloroethene	9.347	130	46068	20.392	ug/l	90
45) 1,2-Dichloropropane	9.618	63	43682	18.722	ug/l	100
46) Dibromomethane	9.706	93	31958	21.498	ug/l	97
47) Bromodichloromethane	9.888	83	65092	20.274	ug/l	96
48) Methyl methacrylate	9.676	41	47329	17.208	ug/l	92
49) 1,4-Dioxane	9.694	88	20698	442.421	ug/l #	91
51) 4-Methyl-2-Pentanone	10.441	43	303157	94.526	ug/l	98
52) Toluene	10.629	92	119325	20.064	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	70027	19.539	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	74023	18.804	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	44719	20.899	ug/l	98
56) Ethyl methacrylate	10.870	69	75190	19.116	ug/l	97
57) 1,3-Dichloropropane	11.159	76	75344	19.846	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	146517	78.483	ug/l	97
59) 2-Hexanone	11.194	43	225870	94.950	ug/l	100
60) Dibromochloromethane	11.353	129	49111	20.901	ug/l	99
61) 1,2-Dibromoethane	11.465	107	46219	21.407	ug/l	98
64) Tetrachloroethene	11.100	164	46042	20.343	ug/l	97
65) Chlorobenzene	11.888	112	134146	20.429	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	44834	20.697	ug/l	100
67) Ethyl Benzene	11.959	91	229797	19.393	ug/l	98
68) m/p-Xylenes	12.070	106	176528	39.760	ug/l	98
69) o-Xylene	12.394	106	88665	20.194	ug/l	98
70) Styrene	12.406	104	145629	19.906	ug/l	99
71) Bromoform	12.576	173	33280	20.405	ug/l #	99
73) Isopropylbenzene	12.694	105	216406	19.766	ug/l	100
74) N-amyl acetate	12.488	43	92580	16.985	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	65217	20.717	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	61653m	19.520	ug/l	
77) Bromobenzene	12.976	156	53184	21.923	ug/l	90
78) n-propylbenzene	13.035	91	247927	19.217	ug/l	100
79) 2-Chlorotoluene	13.123	91	157128	19.463	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	175875	19.626	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	23355	17.758	ug/l	97
82) 4-Chlorotoluene	13.217	91	155710	19.417	ug/l	99
83) tert-Butylbenzene	13.435	119	153143	19.723	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	176935	19.397	ug/l	100
85) sec-Butylbenzene	13.611	105	206437	19.168	ug/l	98
86) p-Isopropyltoluene	13.723	119	172696	19.454	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	92792	20.347	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	92311	20.097	ug/l	98
89) n-Butylbenzene	14.053	91	141750	18.015	ug/l	99
90) Hexachloroethane	14.329	117	29083	19.477	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	87812	19.861	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11451	18.040	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	39417	18.618	ug/l	99
94) Hexachlorobutadiene	15.500	225	15152	18.959	ug/l	99
95) Naphthalene	15.635	128	134580	17.932	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	37256	18.587	ug/l	99

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ALS Vial : 14 Sample Multiplier: 1

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MSVOA_N
ClientSampleId :
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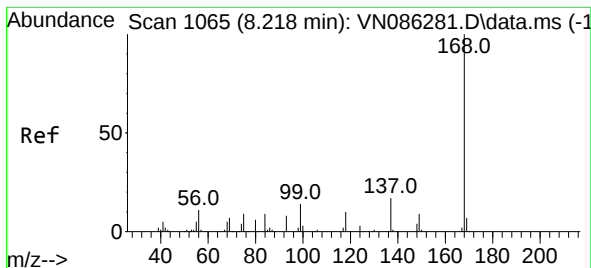
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/07/2025

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

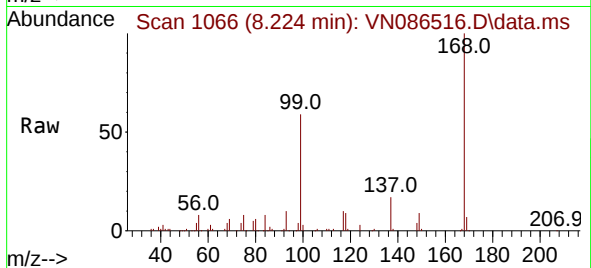
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086516.D
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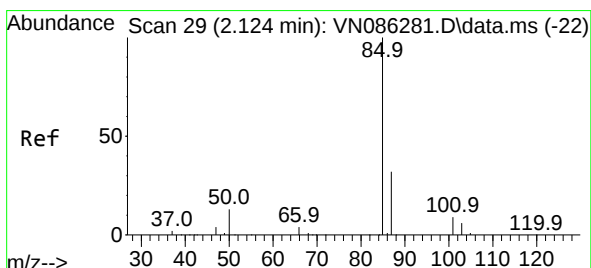
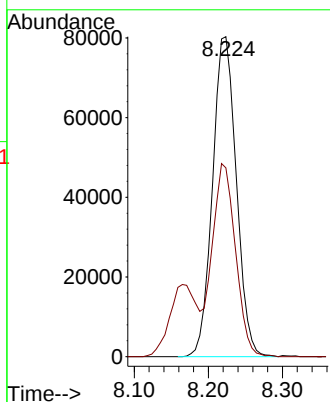
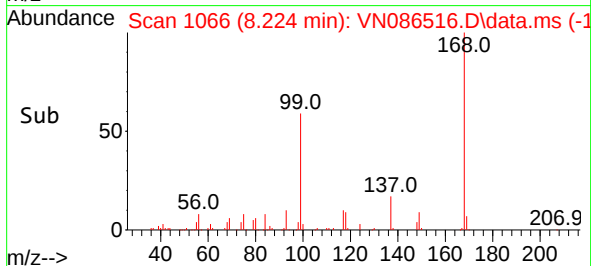
Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01



Tgt Ion:168 Resp: 179114
Ion Ratio Lower Upper
168 100
99 59.0 52.5 78.7

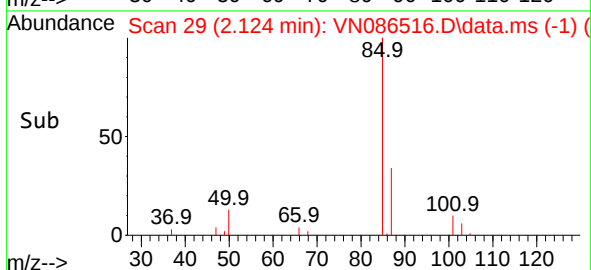
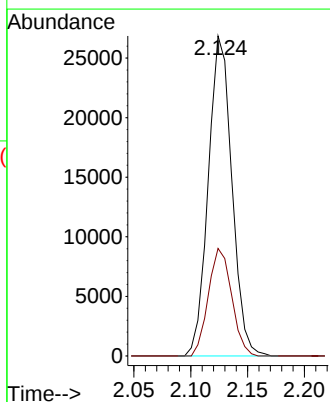
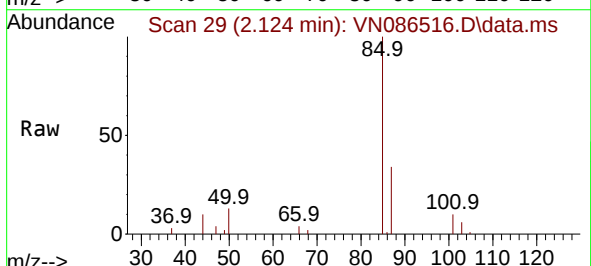
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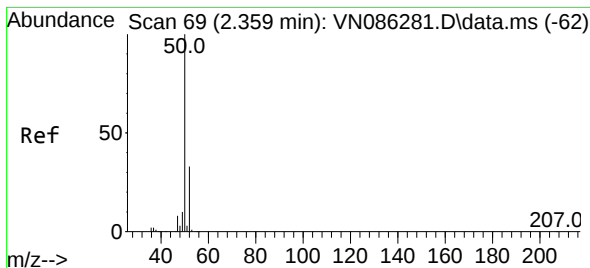
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#2
Dichlorodifluoromethane
Concen: 18.269 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

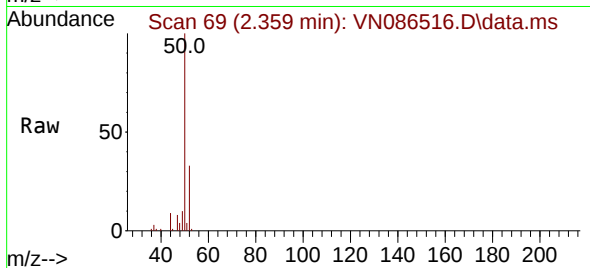
Tgt Ion: 85 Resp: 38789
Ion Ratio Lower Upper
85 100
87 33.6 16.3 48.8





#3
Chloromethane
Concen: 16.345 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

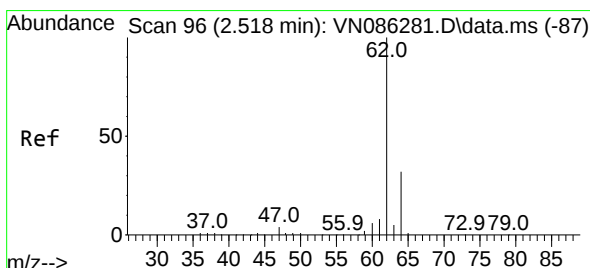
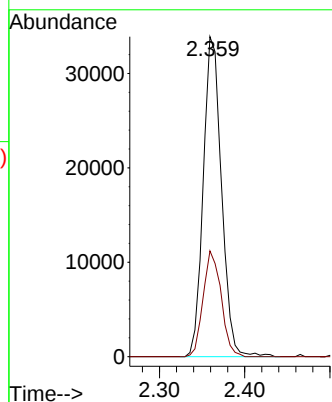
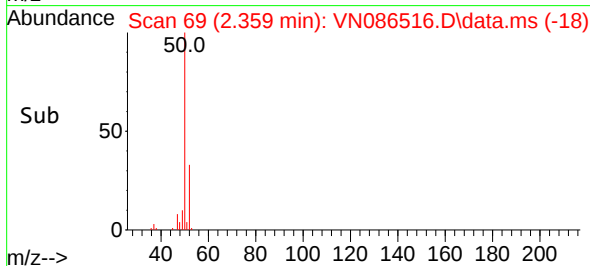
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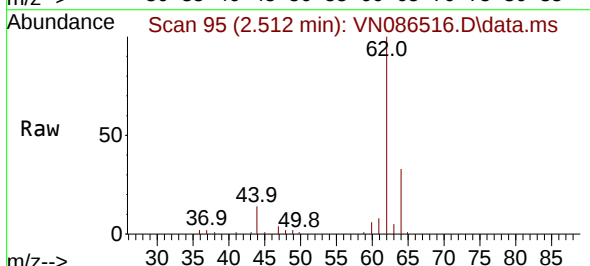
Tgt Ion: 50 Resp: 5043
Ion Ratio Lower Upper
50 100
52 33.0 26.5 39.7

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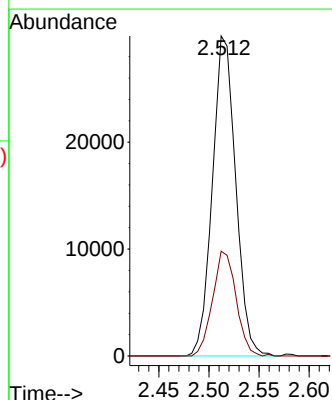
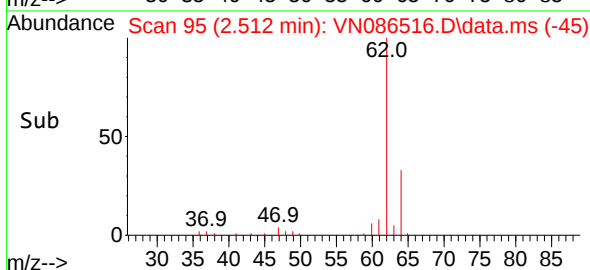
Reviewed By :John Carlone 05/07/2025
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#4
Vinyl Chloride
Concen: 16.455 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47



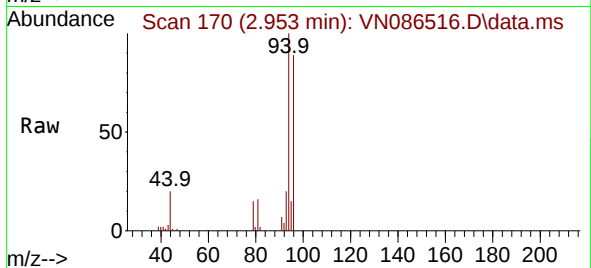
Tgt Ion: 62 Resp: 48456
Ion Ratio Lower Upper
62 100
64 32.7 25.6 38.4





#5
Bromomethane
Concen: 22.410 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086516.D
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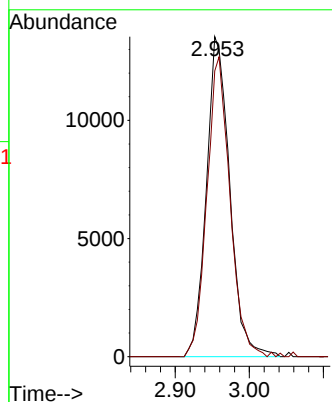
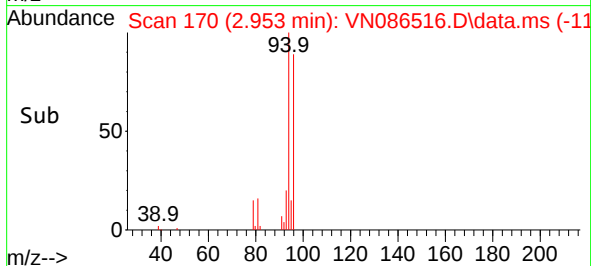
Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01



Tgt Ion: 94 Resp: 2968
Ion Ratio Lower Upper
94 100
96 89.3 75.2 112.8

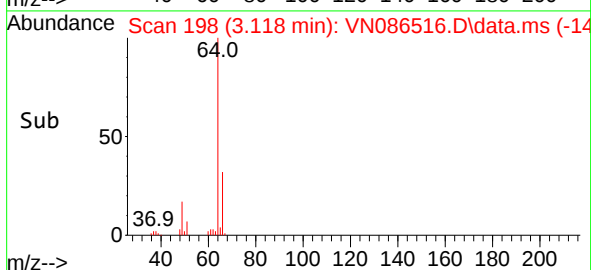
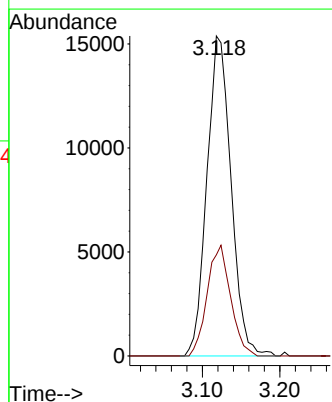
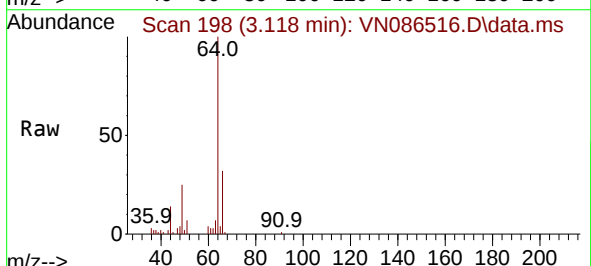
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#6
Chloroethane
Concen: 16.897 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

Tgt Ion: 64 Resp: 33302
Ion Ratio Lower Upper
64 100
66 31.6 26.2 39.2





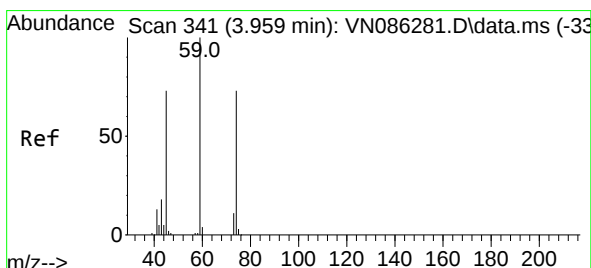
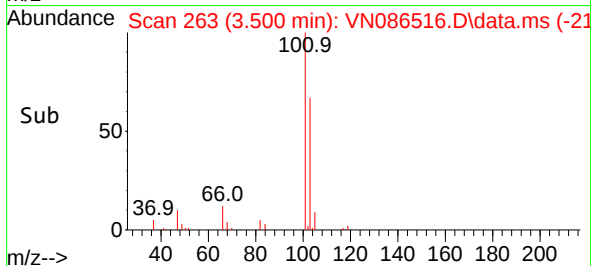
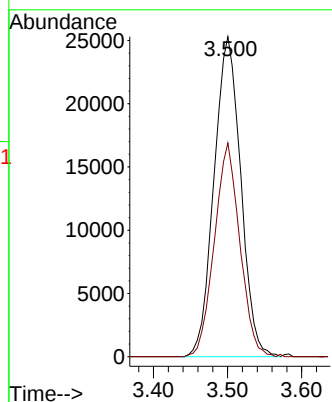
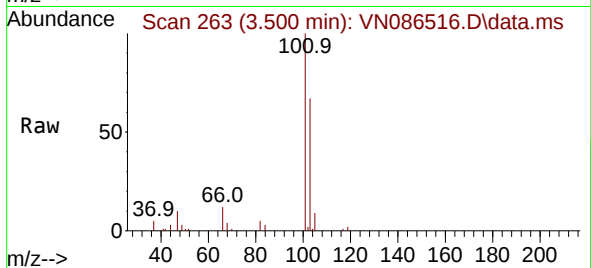
#7
 Trichlorofluoromethane
 Concen: 19.441 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086516.D
 Acq: 06 May 2025 15:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506MBS01

Tgt Ion:101 Resp: 6341
 Ion Ratio Lower Upper
 101 100
 103 66.8 49.2 73.8

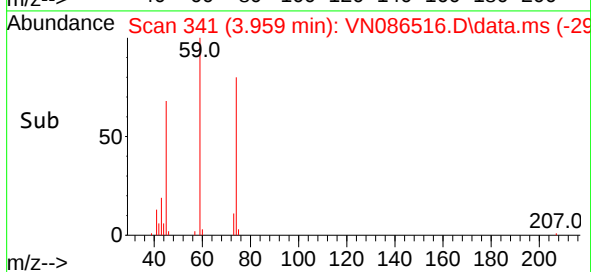
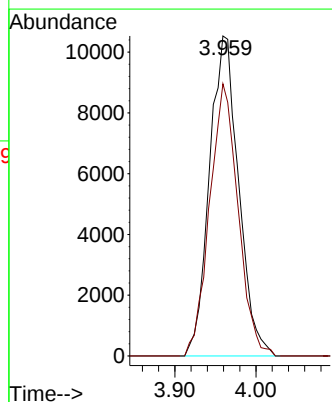
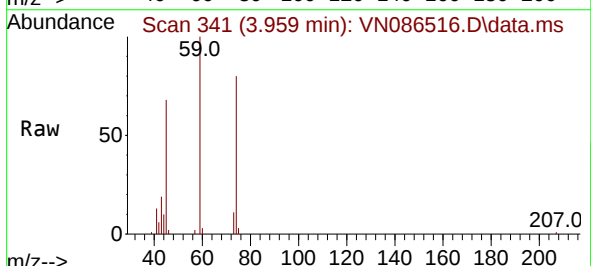
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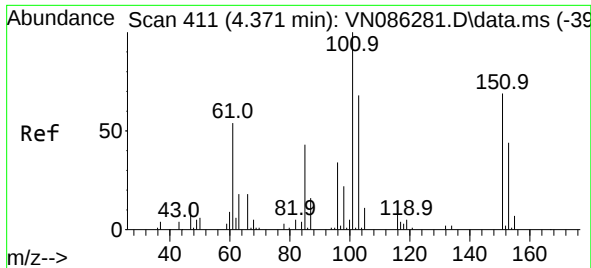
Reviewed By :John Carlone 05/07/2025
 Supervised By :Mahesh Dadoda 05/07/2025



#8
 Diethyl Ether
 Concen: 18.463 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086516.D
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Tgt Ion: 74 Resp: 26291
 Ion Ratio Lower Upper
 74 100
 45 82.9 48.0 144.2





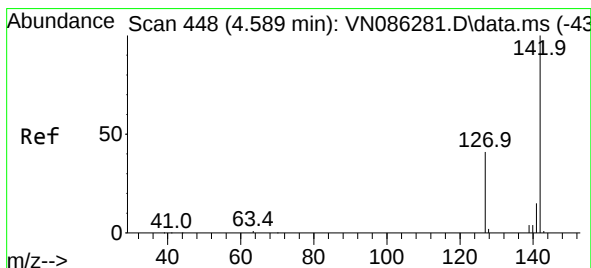
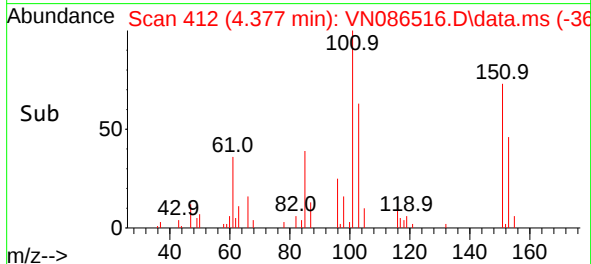
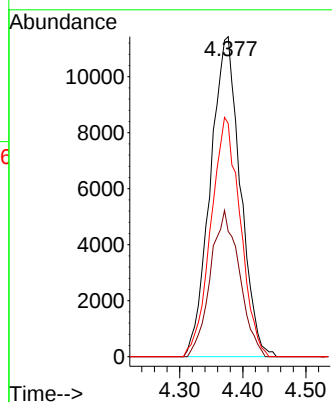
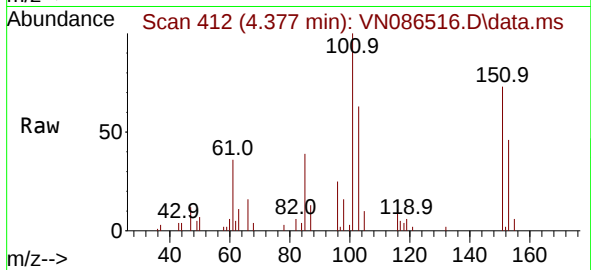
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.089 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

Instrument :
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Tgt Ion:101 Resp: 3766
Ion Ratio Lower Upper
101 100
85 44.2 34.7 52.1
151 73.2 56.1 84.1

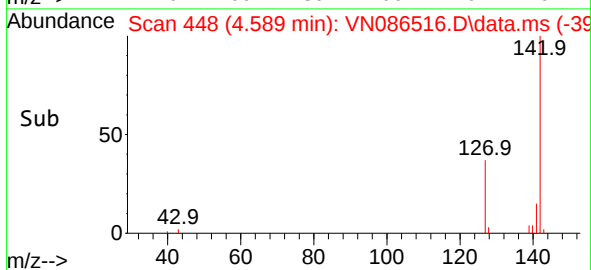
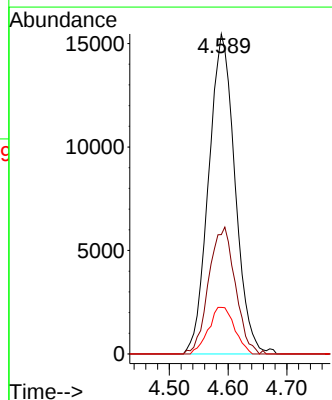
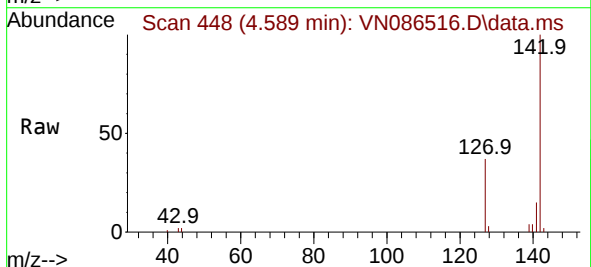
Manual Integrations
APPROVED

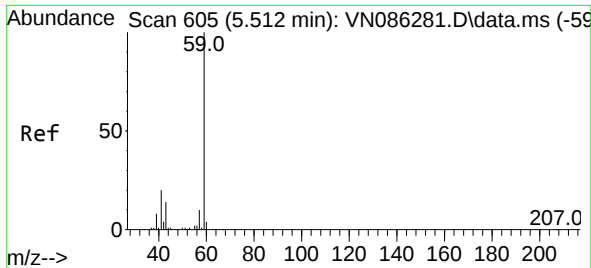
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#10
Methyl Iodide
Concen: 22.182 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

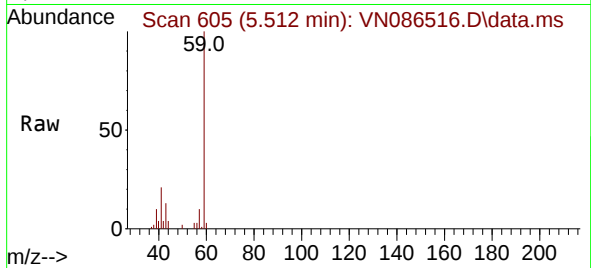
Tgt Ion:142 Resp: 48122
Ion Ratio Lower Upper
142 100
127 37.3 32.7 49.1
141 14.6 11.7 17.5





#11
Tert butyl alcohol
Concen: 95.881 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

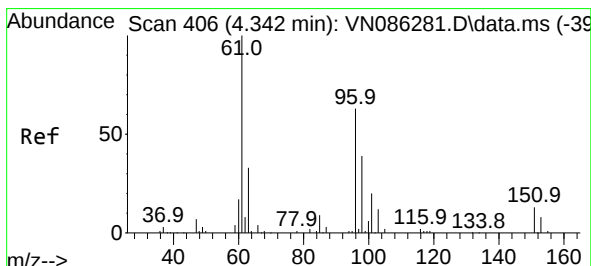
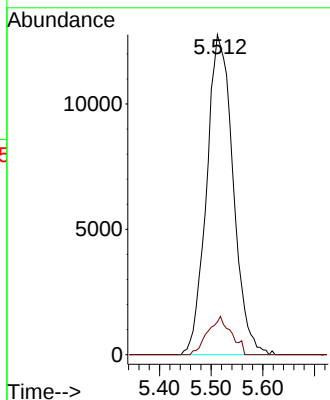
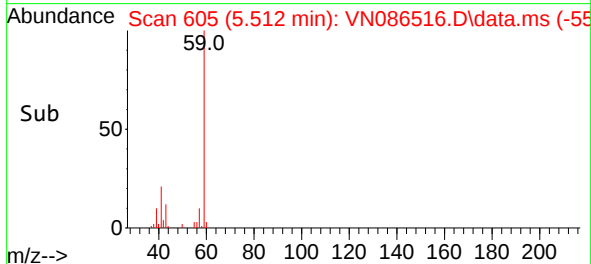
Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01



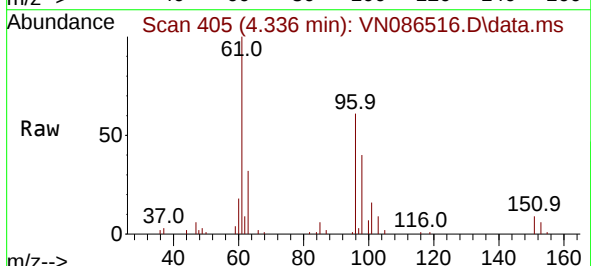
Tgt Ion: 59 Resp: 45438
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

Manual Integrations
APPROVED

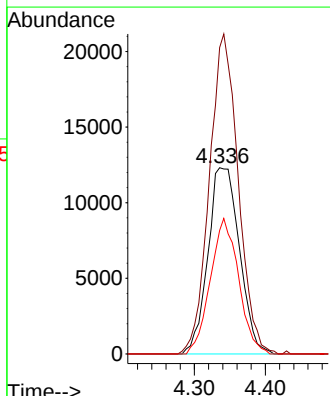
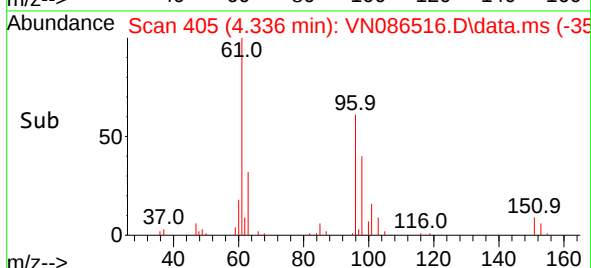
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#12
1,1-Dichloroethene
Concen: 18.000 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47



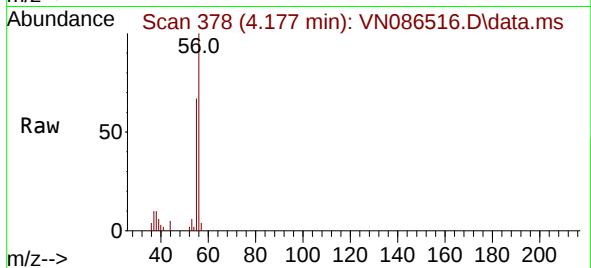
Tgt Ion: 96 Resp: 37946
Ion Ratio Lower Upper
96 100
61 164.4 126.6 189.8
98 66.3 49.6 74.4





#13
Acrolein
Concen: 108.936 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

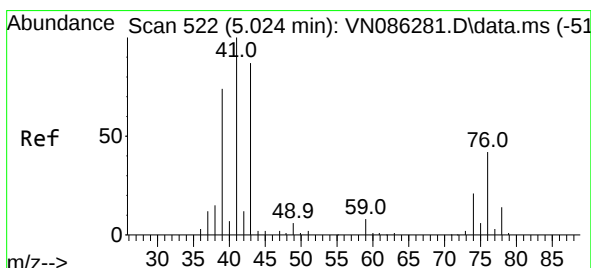
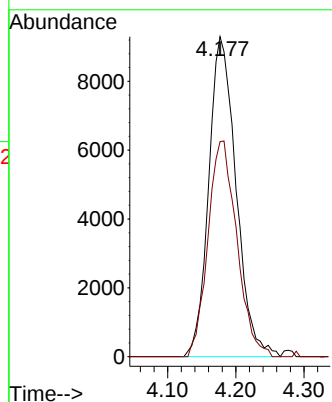
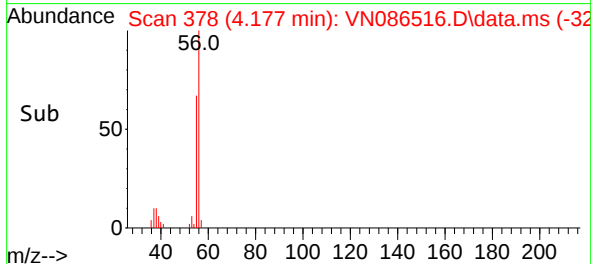
Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01



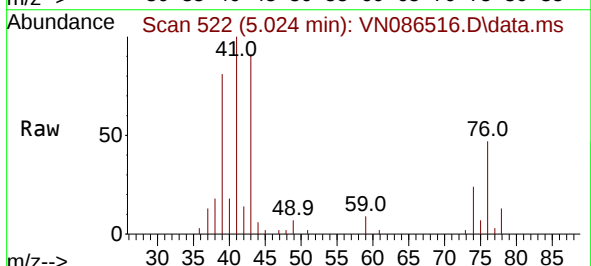
Tgt Ion: 56 Resp: 25954
Ion Ratio Lower Upper
56 100
55 71.1 58.5 87.7

Manual Integrations
APPROVED

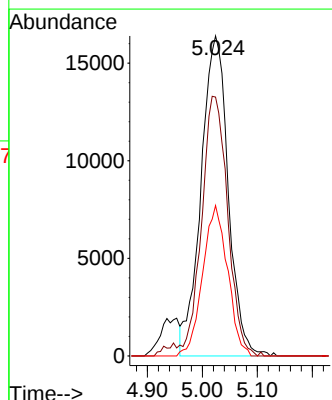
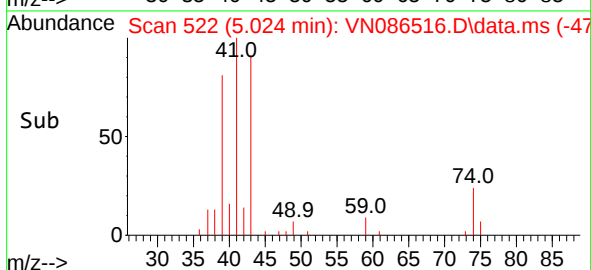
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#14
Allyl chloride
Concen: 15.053 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47



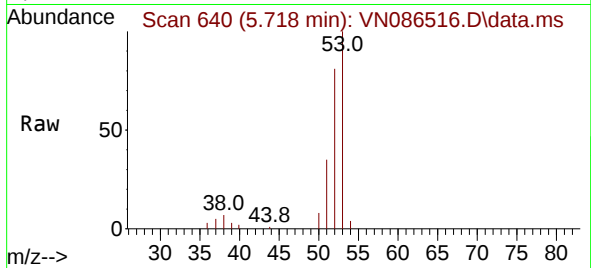
Tgt Ion: 41 Resp: 56413
Ion Ratio Lower Upper
41 100
39 76.9 59.2 88.8
76 43.0 31.2 46.8





#15
Acrylonitrile
Concen: 91.015 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

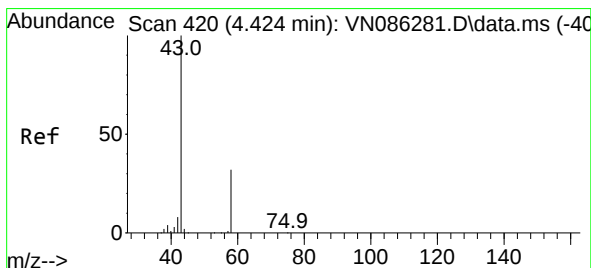
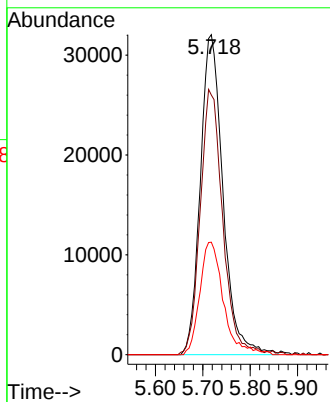
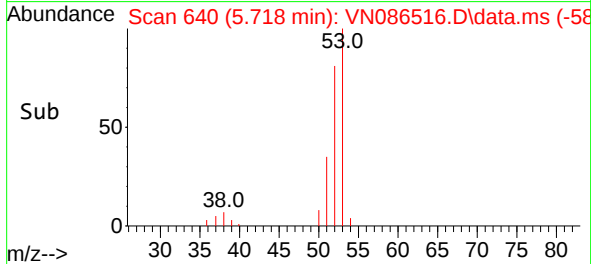
Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01



Tgt Ion: 53 Resp: 106629
Ion Ratio Lower Upper
53 100
52 81.8 65.5 98.3
51 36.6 28.6 42.8

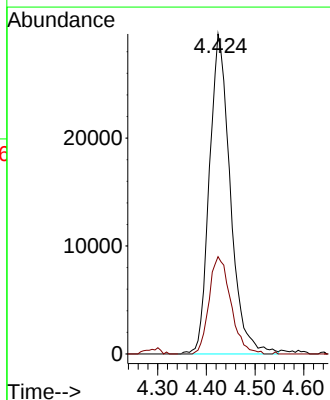
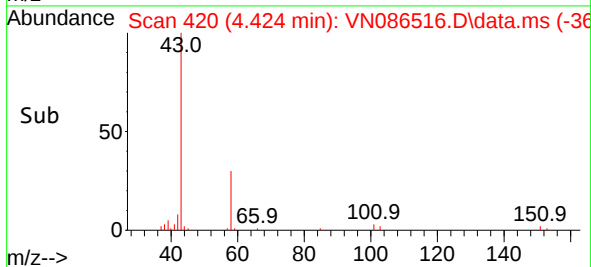
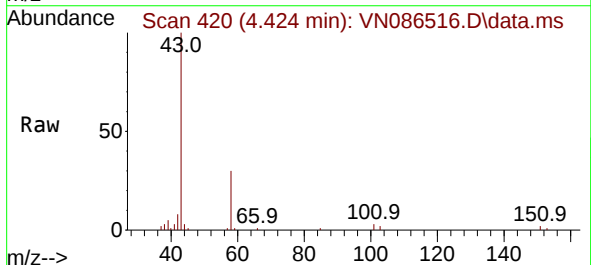
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#16
Acetone
Concen: 94.773 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

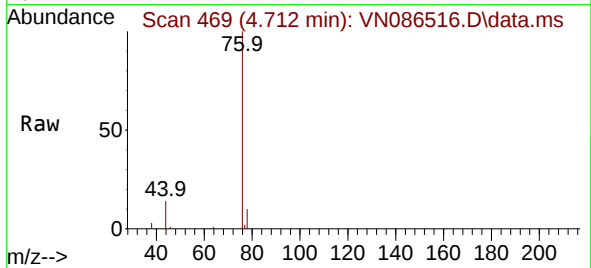
Tgt Ion: 43 Resp: 88288
Ion Ratio Lower Upper
43 100
58 30.4 25.3 37.9





#17
Carbon Disulfide
Concen: 15.781 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

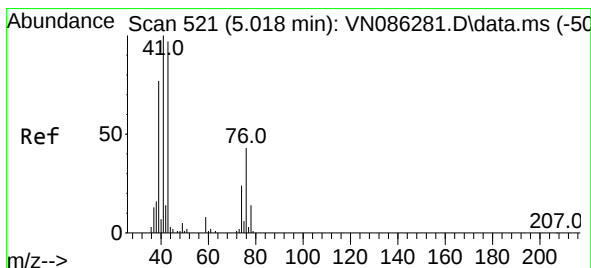
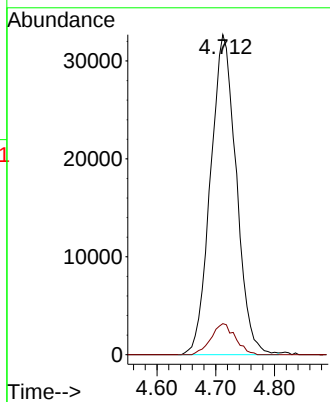
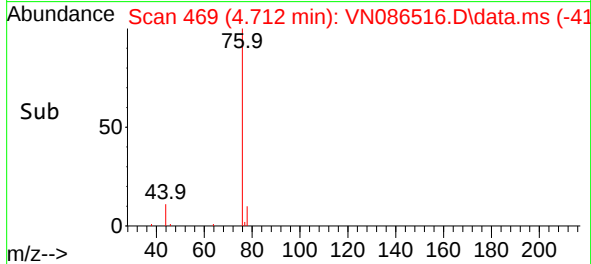
Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01



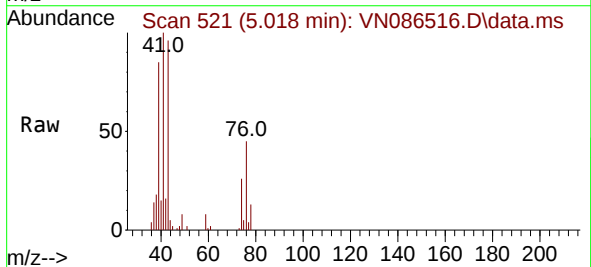
Tgt Ion: 76 Resp: 99614
Ion Ratio Lower Upper
76 100
78 9.7 7.6 11.4

Manual Integrations
APPROVED

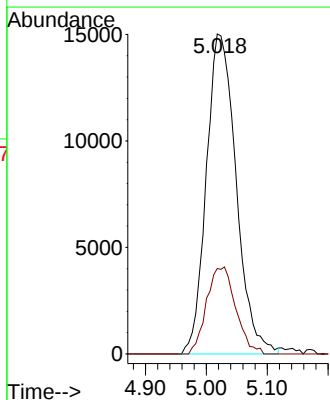
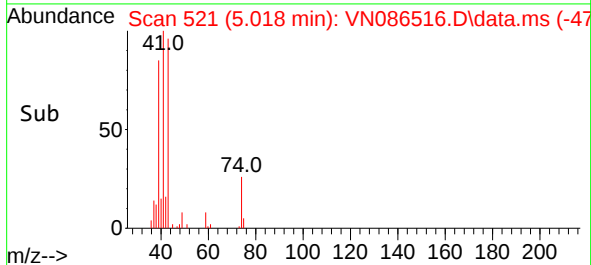
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

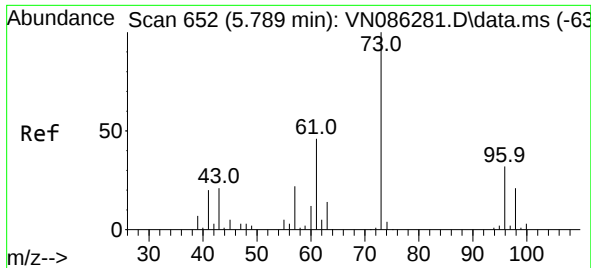


#18
Methyl Acetate
Concen: 16.397 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47



Tgt Ion: 43 Resp: 51121
Ion Ratio Lower Upper
43 100
74 26.4 19.8 29.6





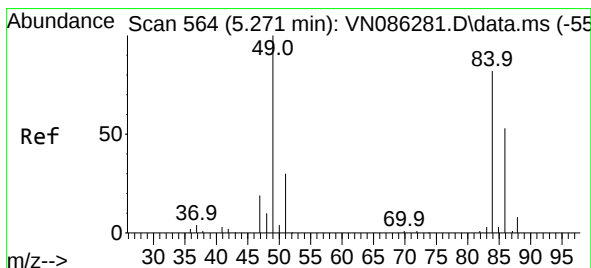
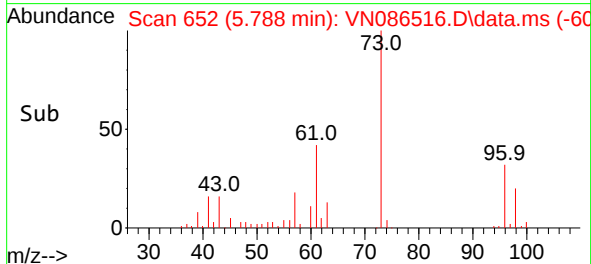
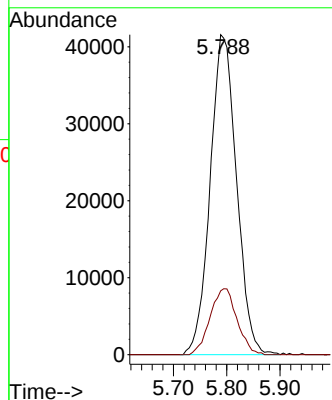
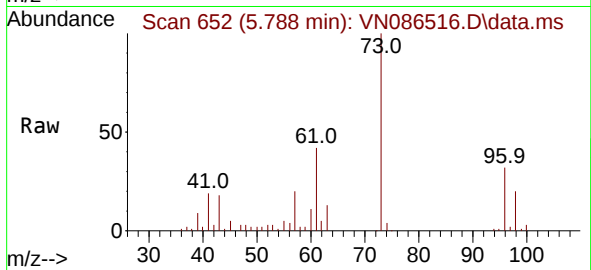
#19
Methyl tert-butyl Ether
Concen: 18.459 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

Tgt Ion: 73 Resp: 14304
Ion Ratio Lower Upper
73 100
57 20.0 17.6 26.4

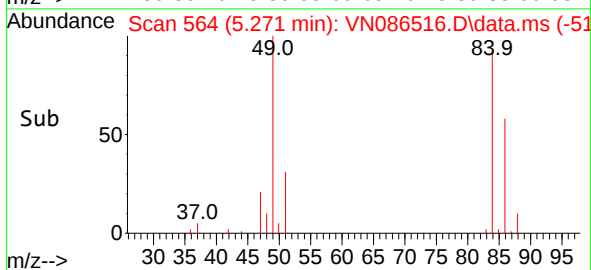
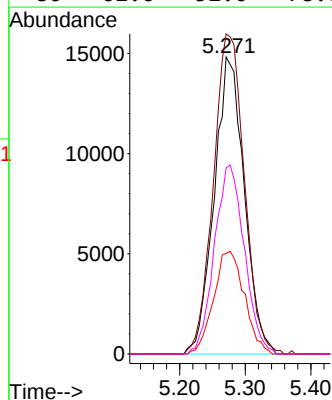
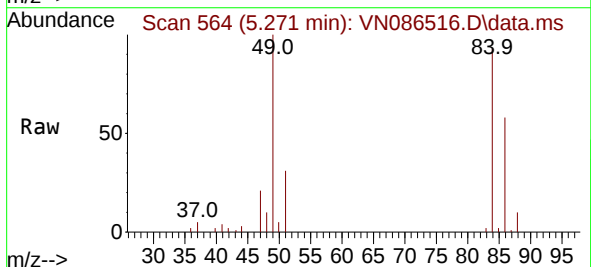
Manual Integrations
APPROVED

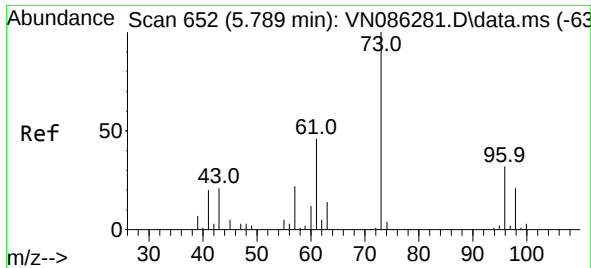
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#20
Methylene Chloride
Concen: 19.641 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

Tgt Ion: 84 Resp: 47160
Ion Ratio Lower Upper
84 100
49 107.8 98.2 147.2
51 33.8 29.8 44.6
86 62.6 52.0 78.0





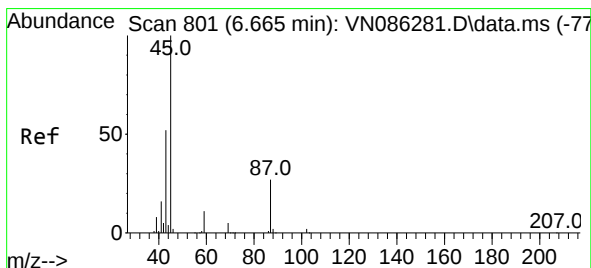
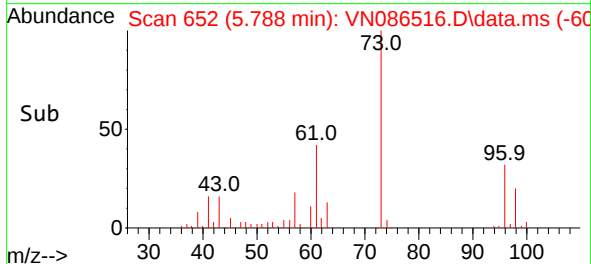
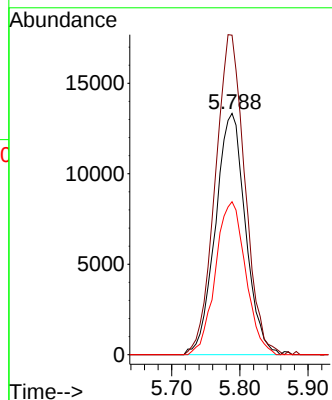
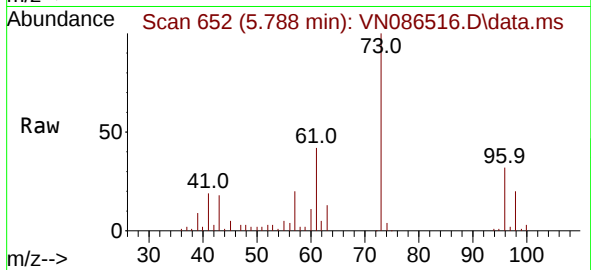
#21
trans-1,2-Dichloroethene
Concen: 18.526 ug/l
RT: 5.788 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

Tgt Ion: 96 Resp: 40832
Ion Ratio Lower Upper
96 100
61 132.5 114.6 171.8
98 63.4 51.2 76.8

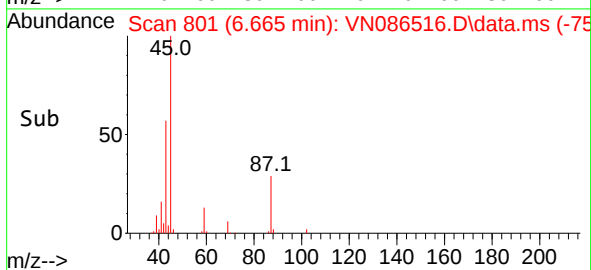
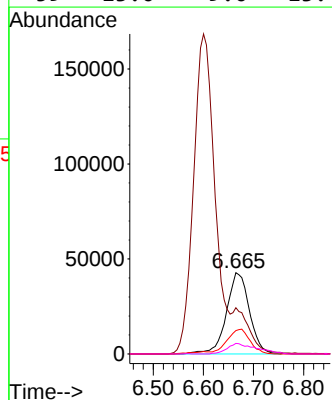
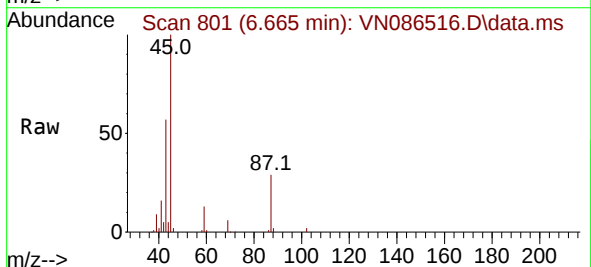
Manual Integrations
APPROVED

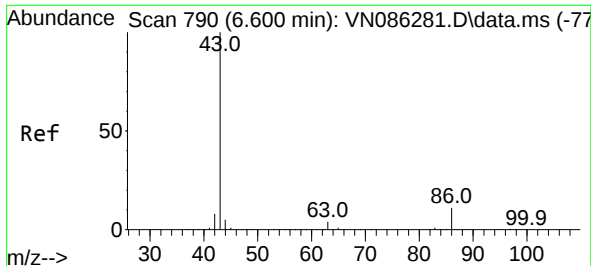
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#22
Diisopropyl ether
Concen: 16.663 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

Tgt Ion: 45 Resp: 135844
Ion Ratio Lower Upper
45 100
43 55.0 41.8 62.8
87 28.7 21.6 32.4
59 13.0 9.0 13.4





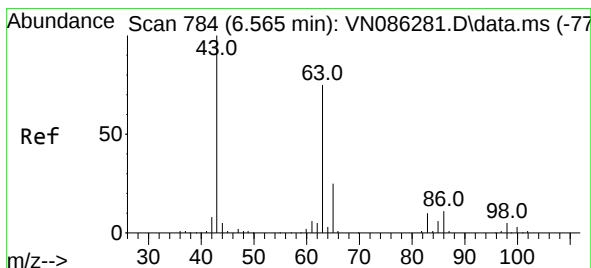
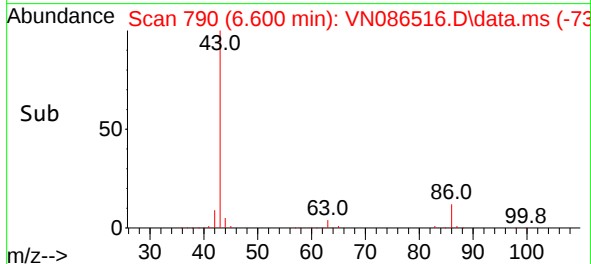
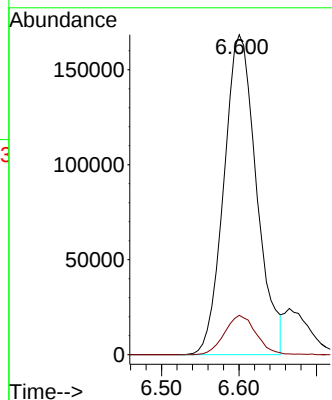
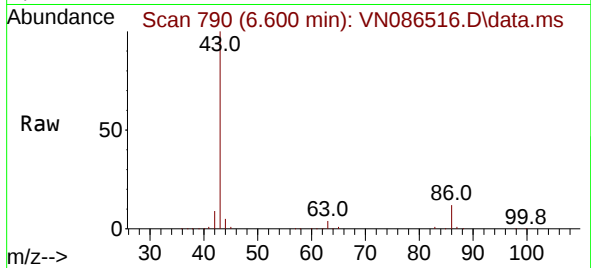
#23
 Vinyl Acetate
 Concen: 86.764 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086516.D
 Acq: 06 May 2025 15:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506MBS01

Tgt Ion: 43 Resp: 494468
 Ion Ratio Lower Upper
 43 100
 86 12.3 8.6 13.0

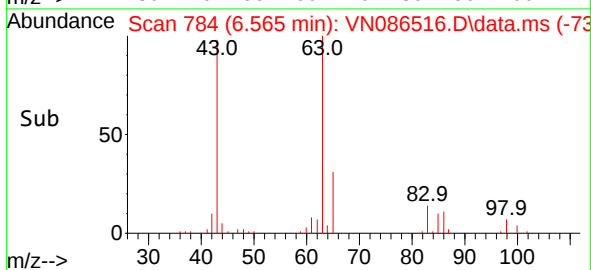
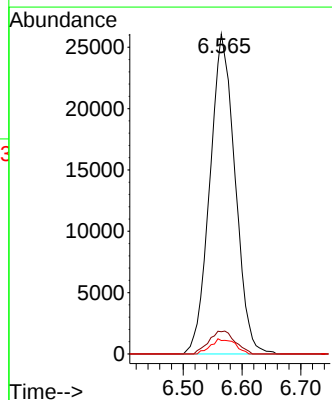
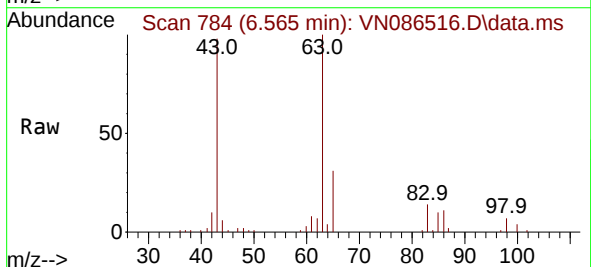
Manual Integrations
 APPROVED

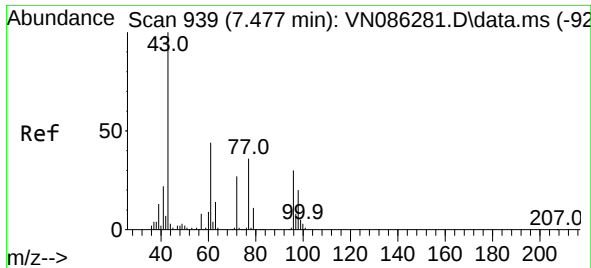
Reviewed By :John Carlone 05/07/2025
 Supervised By :Mahesh Dadoda 05/07/2025



#24
 1,1-Dichloroethane
 Concen: 18.054 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086516.D
 Acq: 06 May 2025 15:47

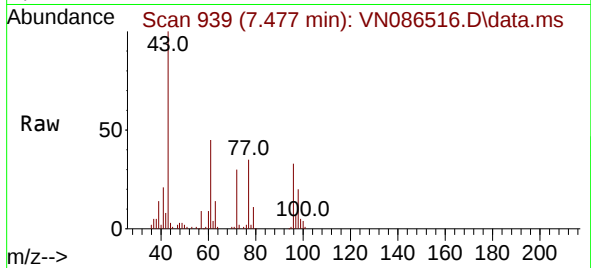
Tgt Ion: 63 Resp: 77660
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.2
 100 4.2 2.1 6.5





#25
2-Butanone
Concen: 86.865 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

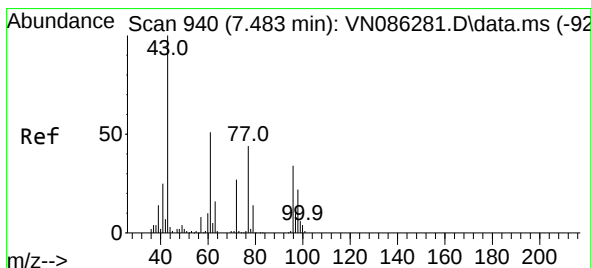
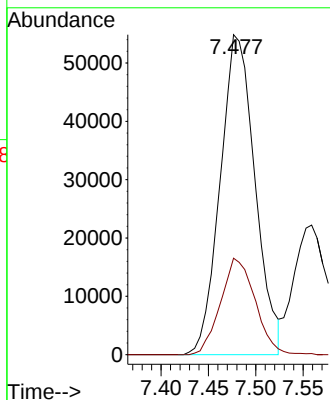
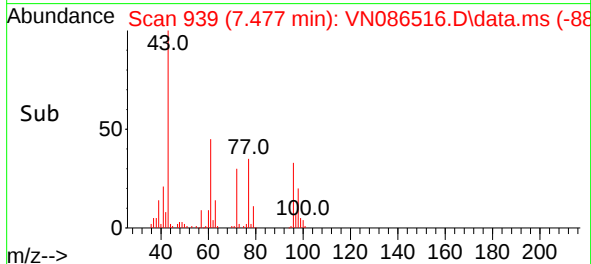
Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01



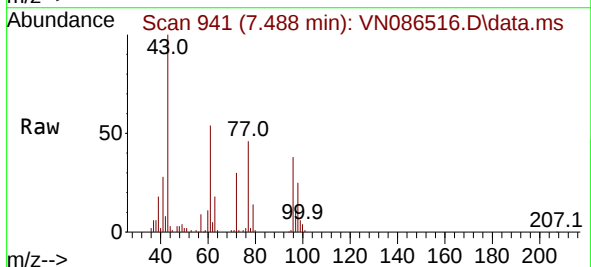
Tgt Ion: 43 Resp: 140434
Ion Ratio Lower Upper
43 100
72 30.2 21.7 32.5

Manual Integrations
APPROVED

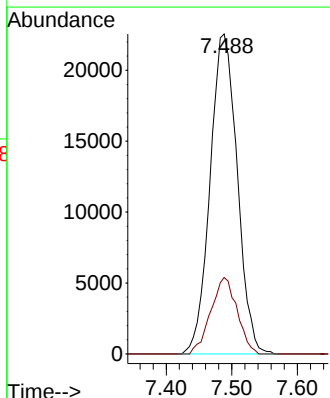
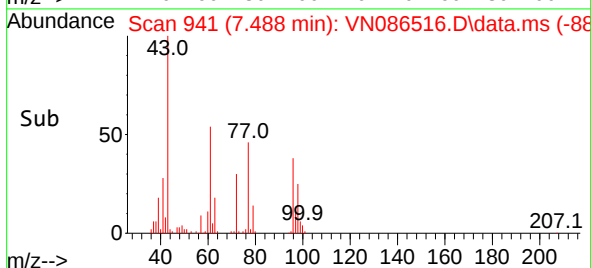
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

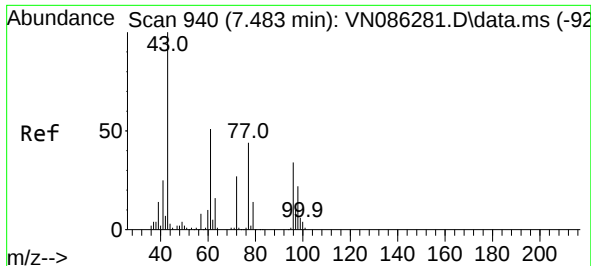


#26
2,2-Dichloropropane
Concen: 16.848 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47



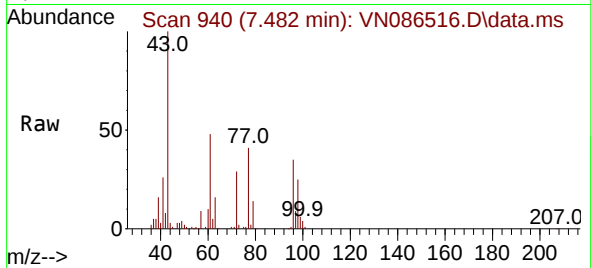
Tgt Ion: 77 Resp: 64888
Ion Ratio Lower Upper
77 100
97 23.2 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 18.591 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086516.D
 Acq: 06 May 2025 15:47

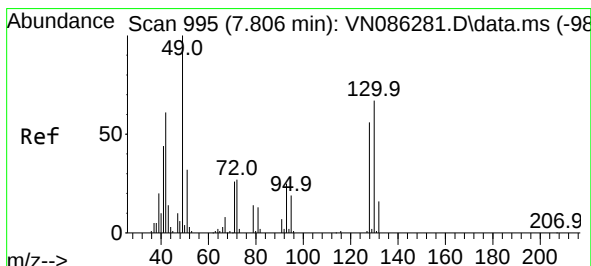
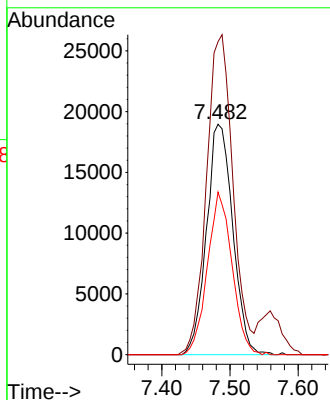
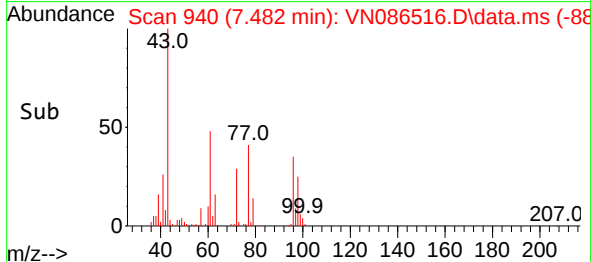
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506MBS01



Tgt Ion: 96 Resp: 50850
 Ion Ratio Lower Upper
 96 100
 61 139.9 0.0 299.0
 98 66.1 0.0 129.6

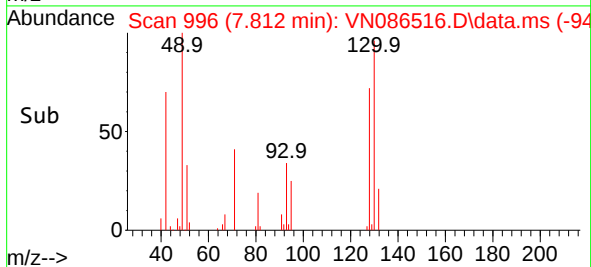
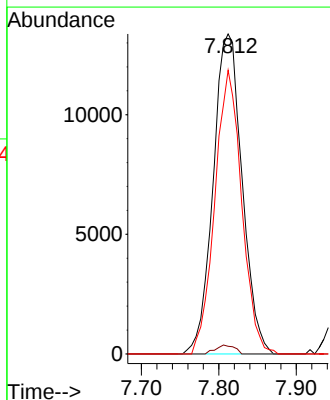
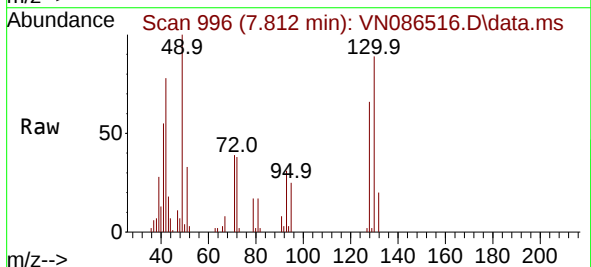
Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/07/2025
 Supervised By :Mahesh Dadoda 05/07/2025



#28
 Bromochloromethane
 Concen: 19.086 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086516.D
 Acq: 06 May 2025 15:47

Tgt Ion: 49 Resp: 34810
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.4
 130 82.0 57.1 85.7





#29

Tetrahydrofuran

Concen: 86.407 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086516.D

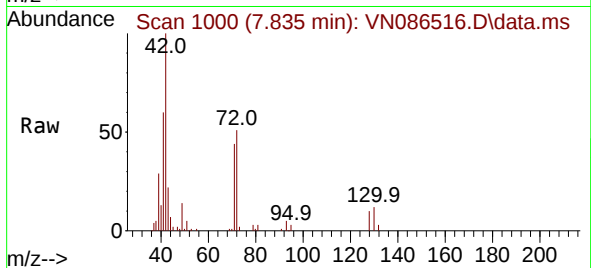
Acq: 06 May 2025 15:47

Instrument :

MSVOA_N

ClientSampleId :

VN0506MBS01



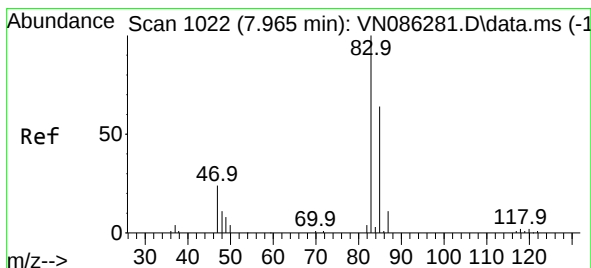
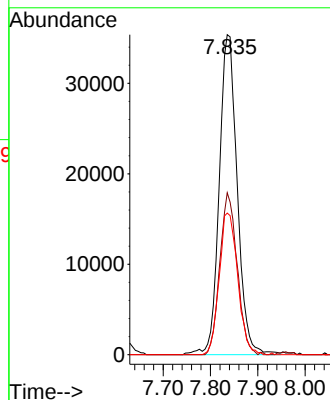
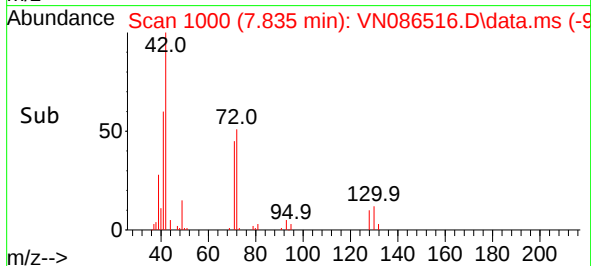
Tgt Ion:	42	Resp:	93414
Ion Ratio	Lower	Upper	
42	100		
72	48.7	36.2	54.4
71	45.4	34.0	51.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2025

Supervised By :Mahesh Dadoda 05/07/2025



#30

Chloroform

Concen: 19.153 ug/l

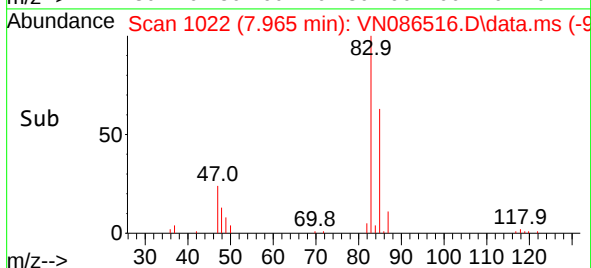
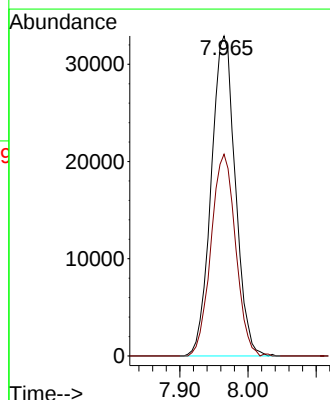
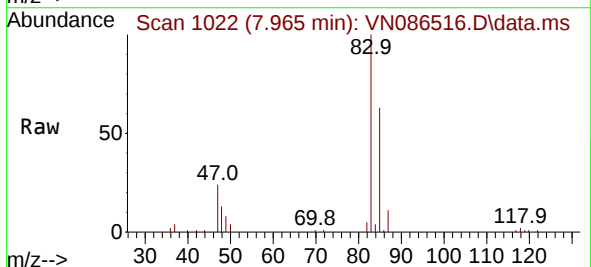
RT: 7.965 min Scan# 1022

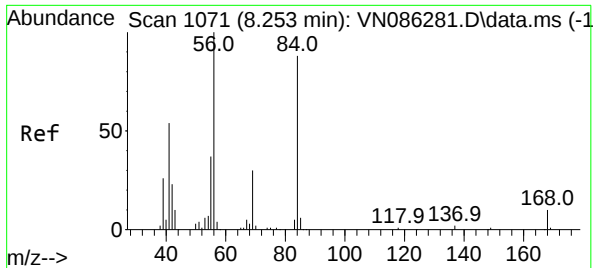
Delta R.T. -0.000 min

Lab File: VN086516.D

Acq: 06 May 2025 15:47

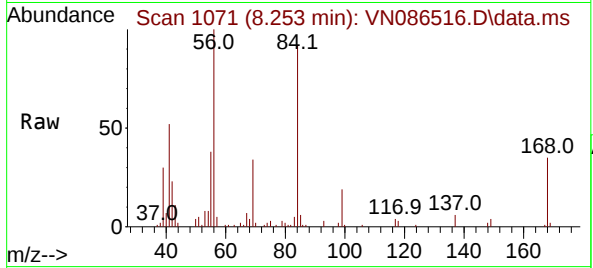
Tgt Ion:	83	Resp:	80933
Ion Ratio	Lower	Upper	
83	100		
85	63.0	51.5	77.3





#31
Cyclohexane
Concen: 16.645 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

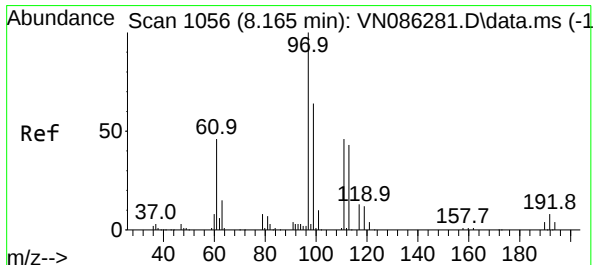
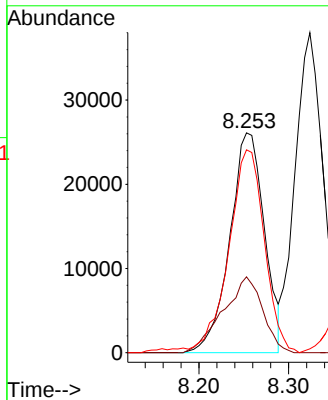
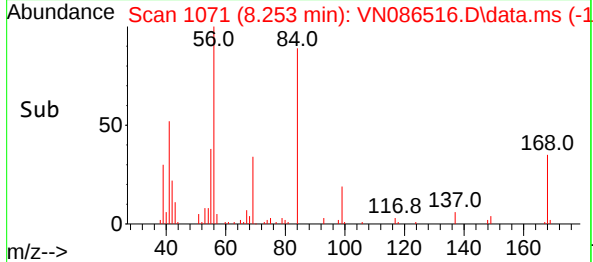
Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01



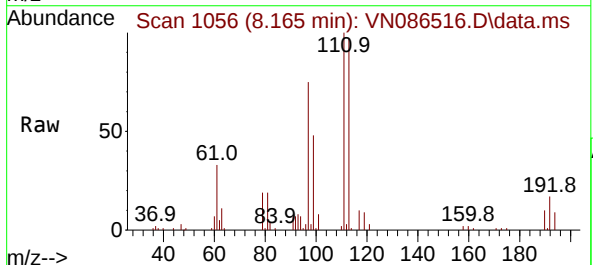
Tgt Ion: 56 Resp: 70062
Ion Ratio Lower Upper
56 100
69 34.5 24.2 36.2
84 90.6 70.3 105.5

Manual Integrations
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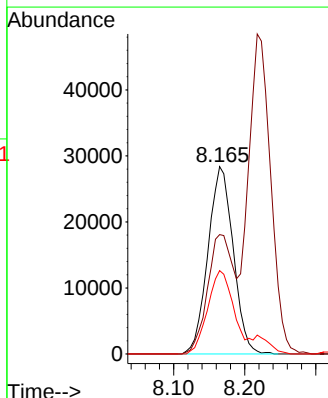
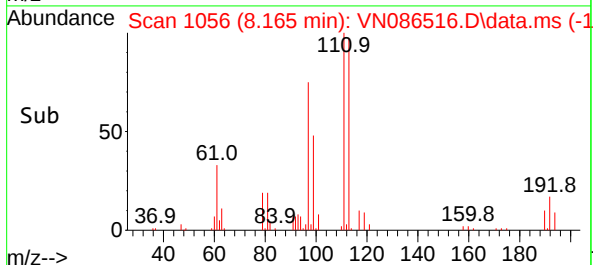
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#32
1,1,1-Trichloroethane
Concen: 19.360 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47



Tgt Ion: 97 Resp: 69981
Ion Ratio Lower Upper
97 100
99 64.9 52.7 79.1
61 47.1 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 49.502 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086516.D

Acq: 06 May 2025 15:47

Instrument :

MSVOA_N

ClientSampleId :

VN0506MBS01

Tgt Ion: 65 Resp: 12857

Ion Ratio Lower Upper

65 100

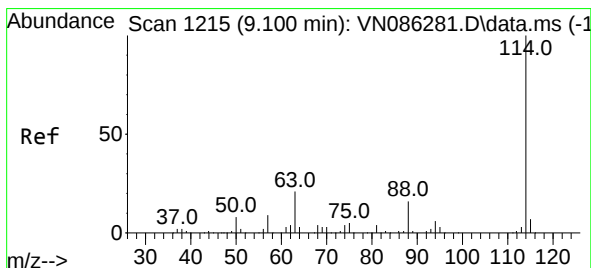
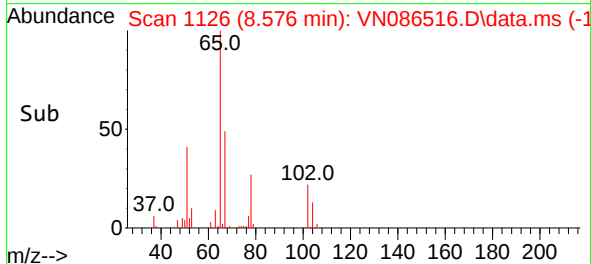
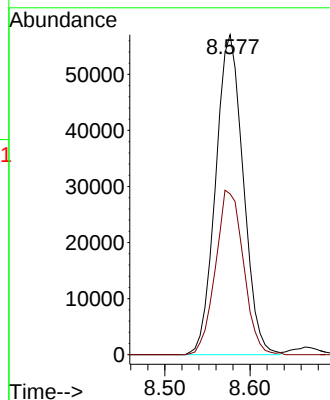
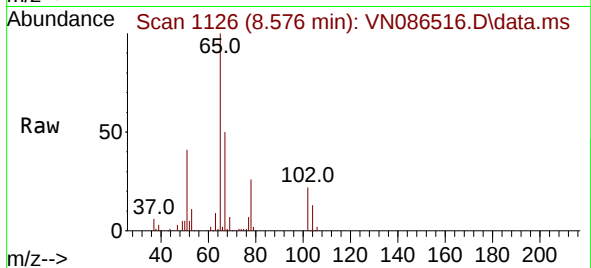
67 52.0 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2025

Supervised By :Mahesh Dadoda 05/07/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086516.D

Acq: 06 May 2025 15:47

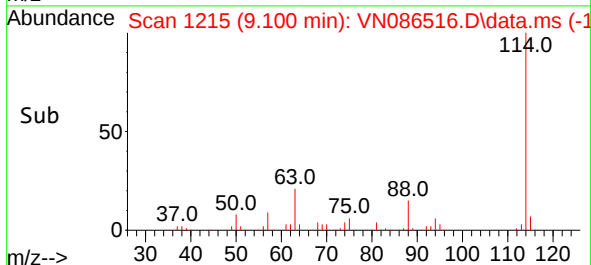
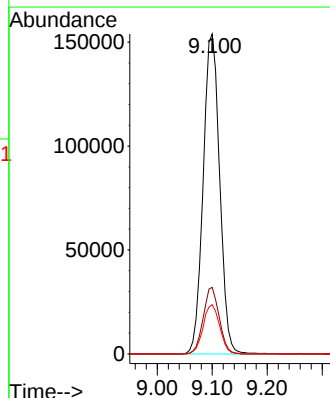
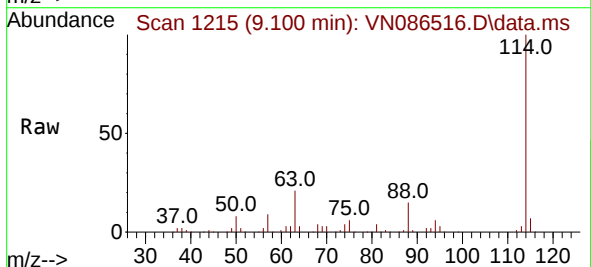
Tgt Ion:114 Resp: 320919

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.6

88 15.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 59.420 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086516.D

Acq: 06 May 2025 15:47

Instrument :

MSVOA_N

ClientSampleId :

VN0506MBS01

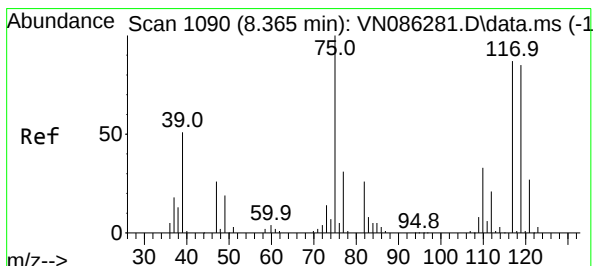
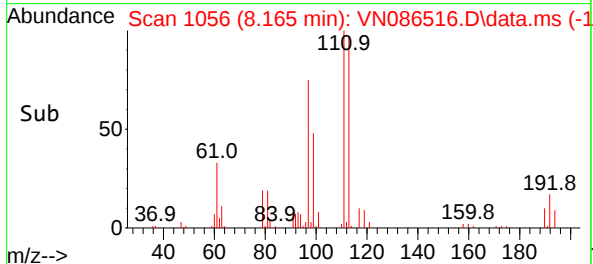
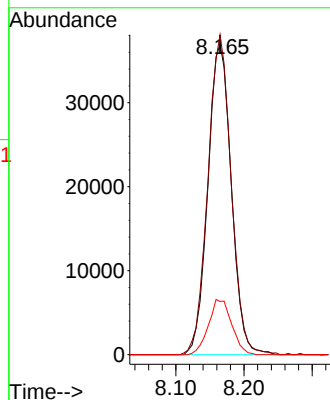
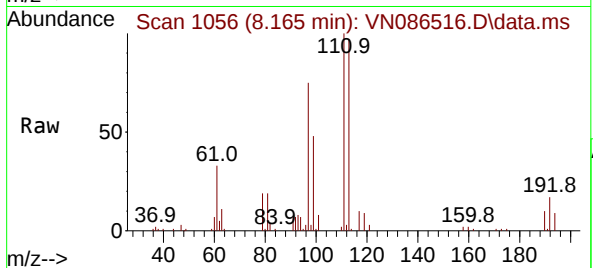
Tgt Ion:	113	Resp:	8850
Ion Ratio	Lower	Upper	
113	100		
111	102.5	83.4	125.0
192	17.6	13.7	20.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2025

Supervised By :Mahesh Dadoda 05/07/2025



#36

1,1-Dichloropropene

Concen: 18.683 ug/l

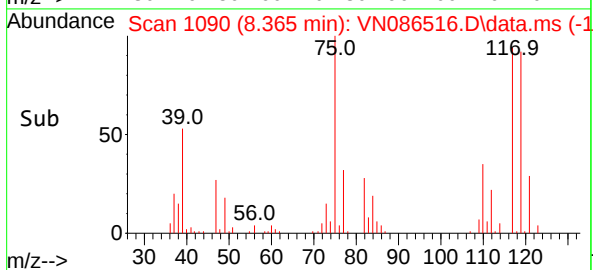
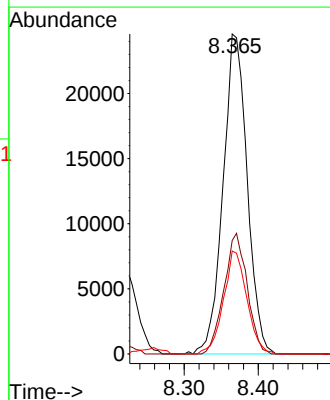
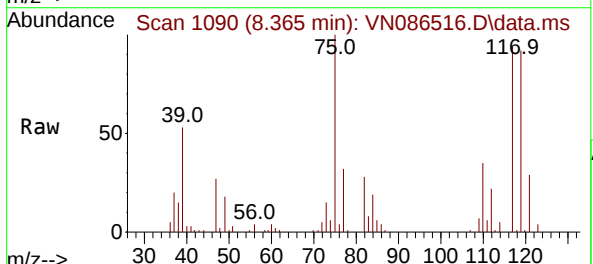
RT: 8.365 min Scan# 1090

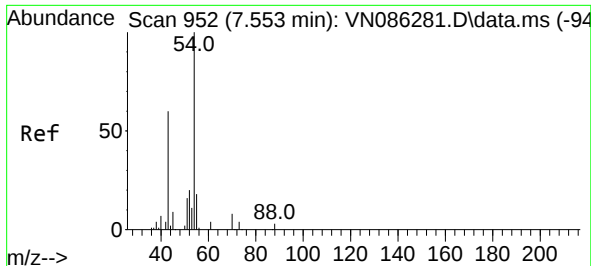
Delta R.T. -0.000 min

Lab File: VN086516.D

Acq: 06 May 2025 15:47

Tgt Ion:	75	Resp:	55581
Ion Ratio	Lower	Upper	
75	100		
110	36.2	16.8	50.4
77	31.2	24.9	37.3





#37

Ethyl Acetate

Concen: 18.394 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN086516.D

Acq: 06 May 2025 15:47

Instrument :

MSVOA_N

ClientSampleId :

VN0506MBS01

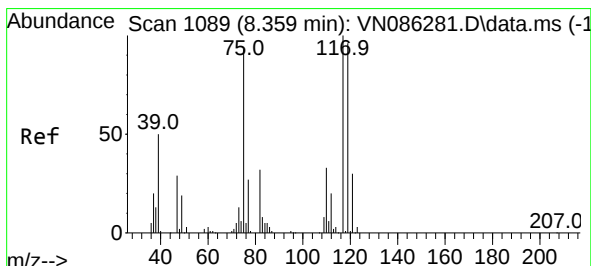
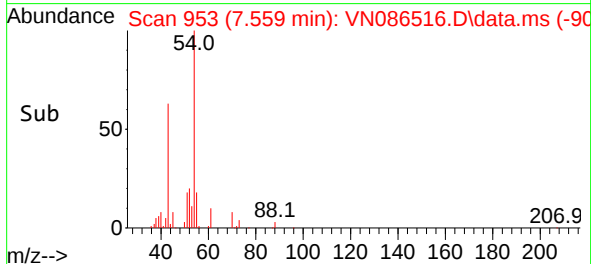
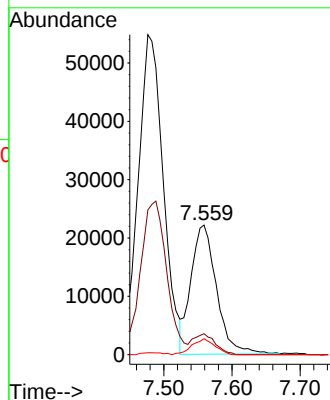
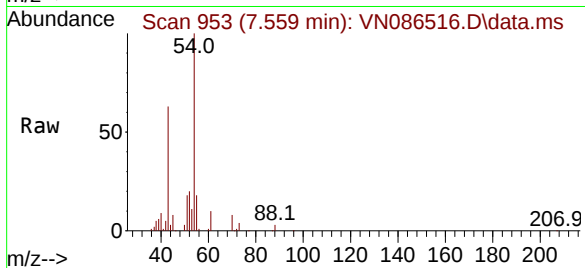
Tgt Ion:	43	Resp:	5761
Ion Ratio	Lower	Upper	
43	100		
61	13.9	11.1	16.7
70	11.0	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2025

Supervised By :Mahesh Dadoda 05/07/2025



#38

Carbon Tetrachloride

Concen: 20.801 ug/l

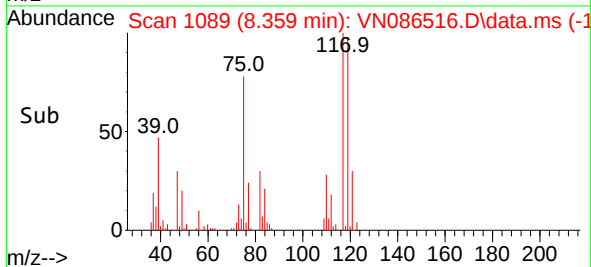
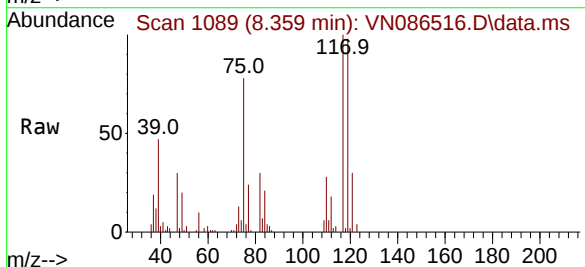
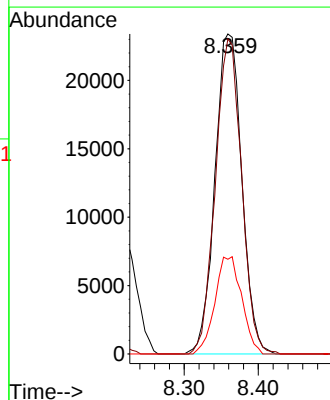
RT: 8.359 min Scan# 1089

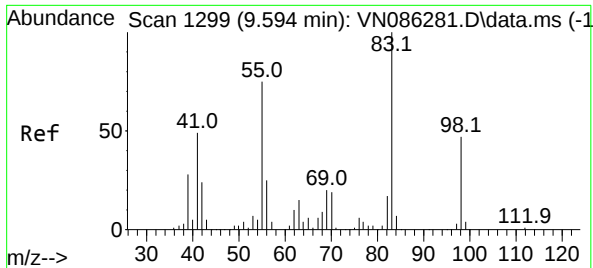
Delta R.T. -0.000 min

Lab File: VN086516.D

Acq: 06 May 2025 15:47

Tgt Ion:	117	Resp:	58931
Ion Ratio	Lower	Upper	
117	100		
119	98.5	76.8	115.2
121	29.6	23.8	35.8





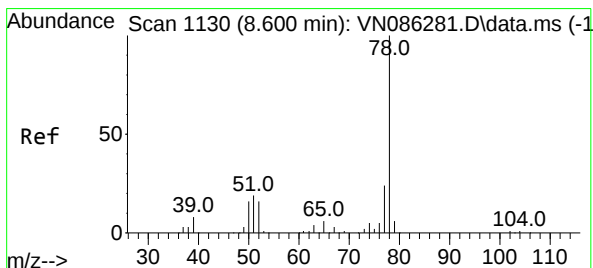
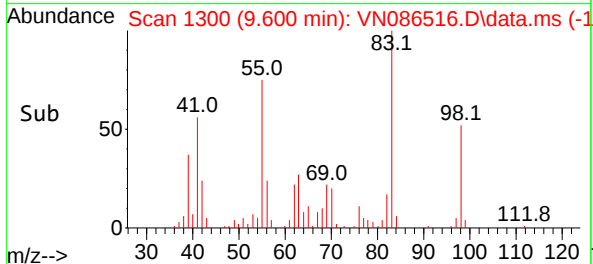
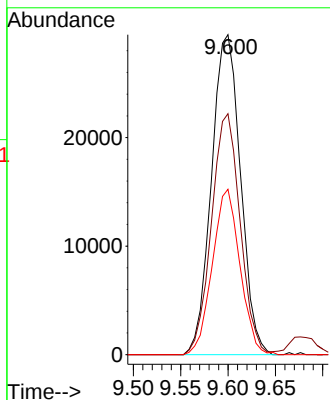
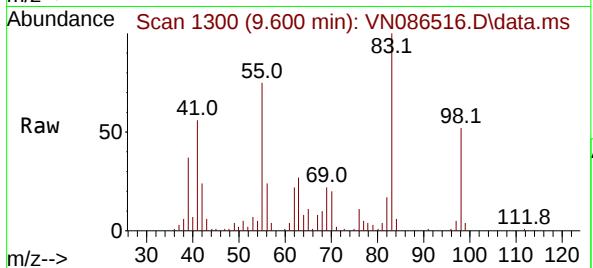
#39
Methylcyclohexane
Concen: 17.799 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBSD01

Tgt Ion: 83 Resp: 62938
Ion Ratio Lower Upper
83 100
55 75.3 59.8 89.8
98 51.7 37.9 56.9

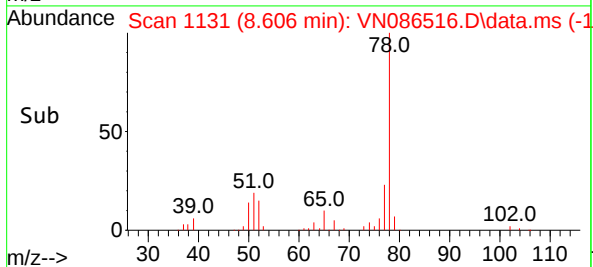
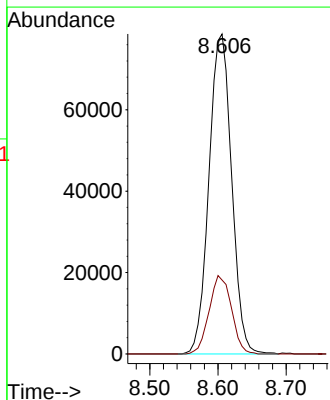
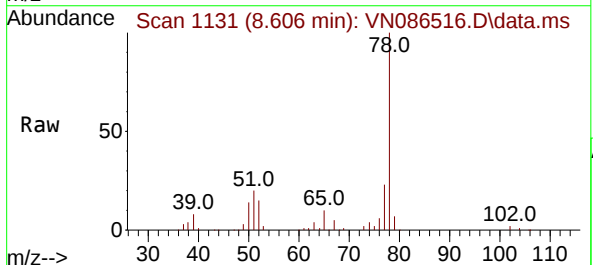
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#40
Benzene
Concen: 19.099 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

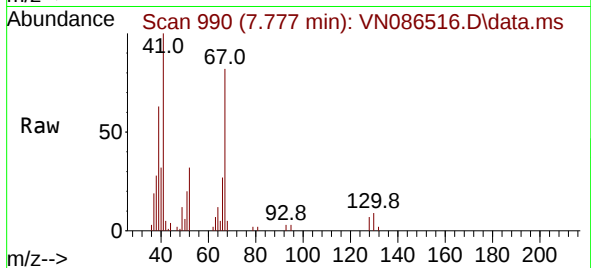
Tgt Ion: 78 Resp: 182043
Ion Ratio Lower Upper
78 100
77 23.1 19.4 29.2





#41
Methacrylonitrile
Concen: 16.627 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

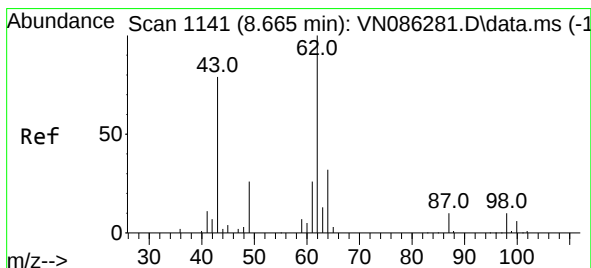
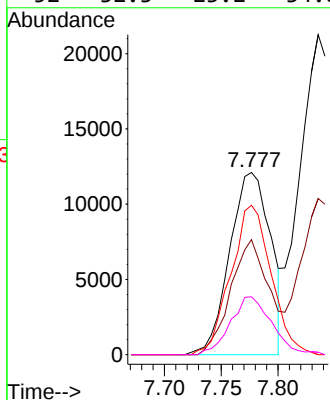
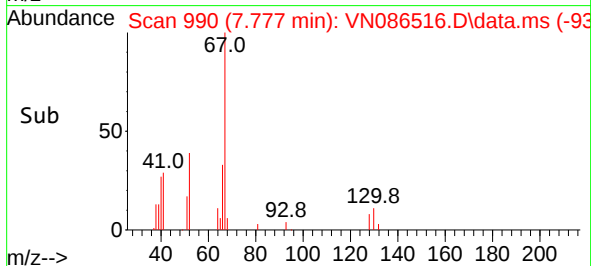
Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01



Tgt Ion: 41 Resp: 3018
Ion Ratio Lower Upper
41 100
39 61.0 43.0 64.4
67 81.3 58.8 88.2
52 32.3 23.2 34.8

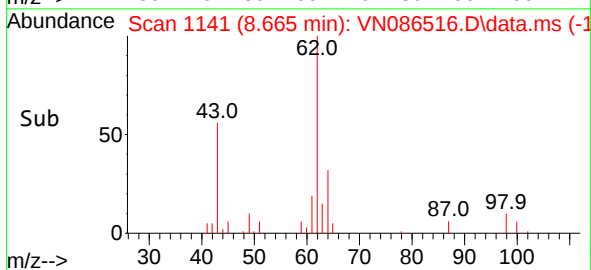
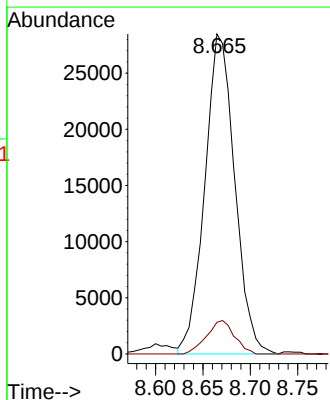
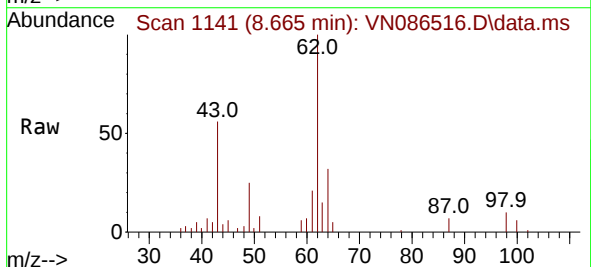
Manual Integrations
APPROVED

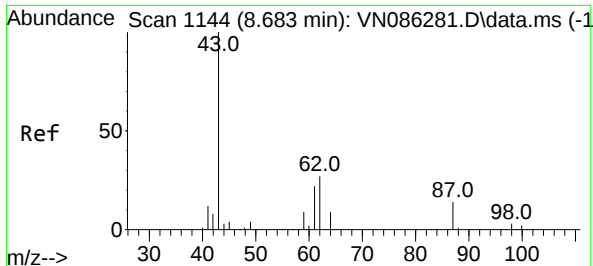
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#42
1,2-Dichloroethane
Concen: 20.613 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

Tgt Ion: 62 Resp: 62654
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.2





#43

Isopropyl Acetate

Concen: 18.477 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.005 min

Lab File: VN086516.D

Acq: 06 May 2025 15:47

Instrument :

MSVOA_N

ClientSampleId :

VN0506MBS01

Tgt Ion: 43 Resp: 11193

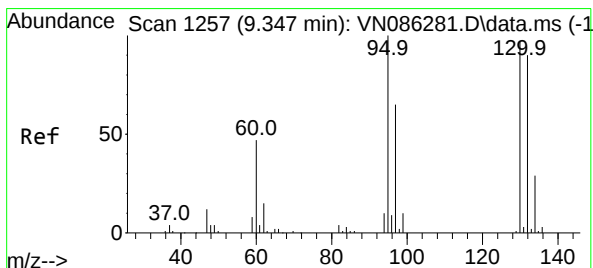
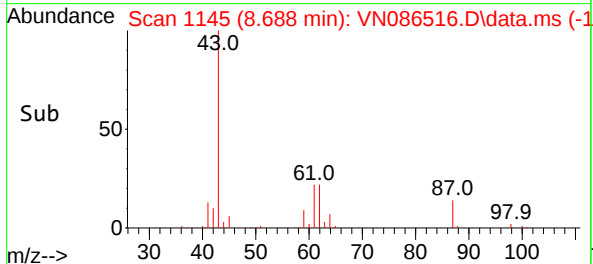
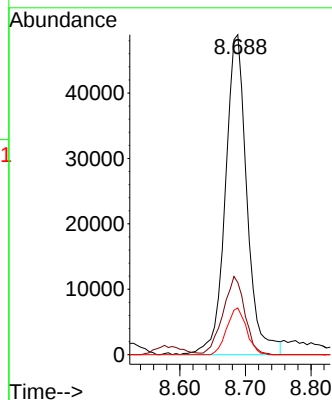
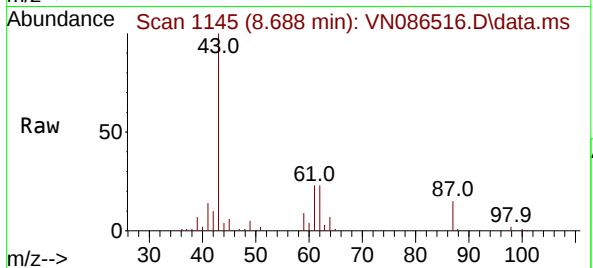
Ion	Ratio	Lower	Upper
43	100		
61	24.7	20.5	30.7
87	13.3	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2025

Supervised By :Mahesh Dadoda 05/07/2025



#44

Trichloroethene

Concen: 20.392 ug/l

RT: 9.347 min Scan# 1257

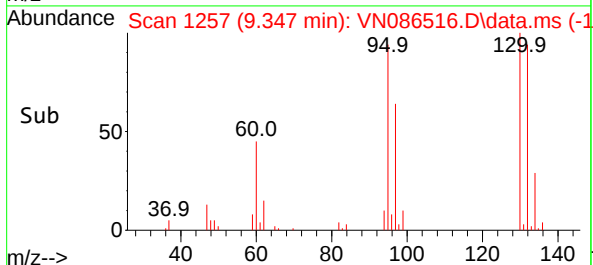
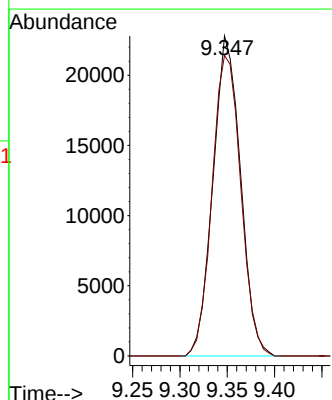
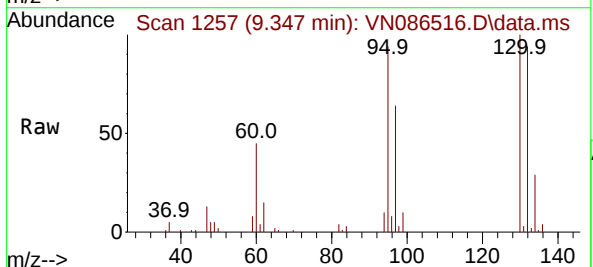
Delta R.T. -0.000 min

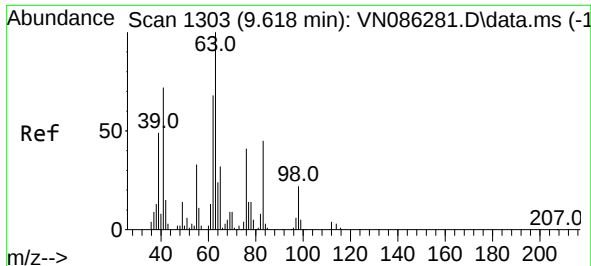
Lab File: VN086516.D

Acq: 06 May 2025 15:47

Tgt Ion:130 Resp: 46068

Ion	Ratio	Lower	Upper
130	100		
95	93.9	0.0	207.2





#45

1,2-Dichloropropane

Concen: 18.722 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086516.D

Acq: 06 May 2025 15:47

Instrument :

MSVOA_N

ClientSampleId :

VN0506MBS01

Tgt Ion: 63 Resp: 4368

Ion Ratio Lower Upper

63 100

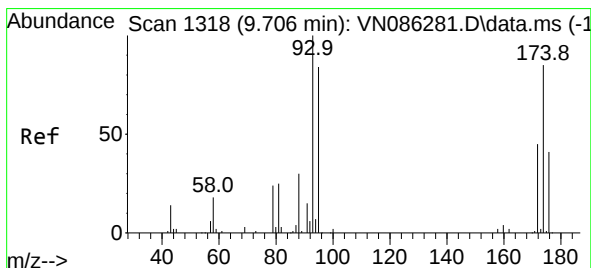
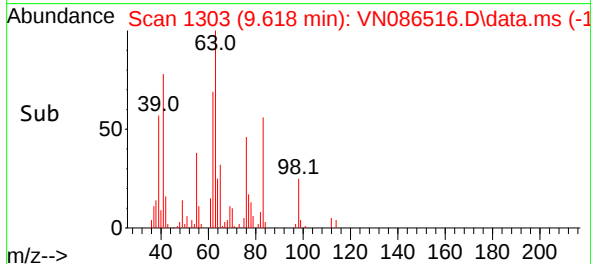
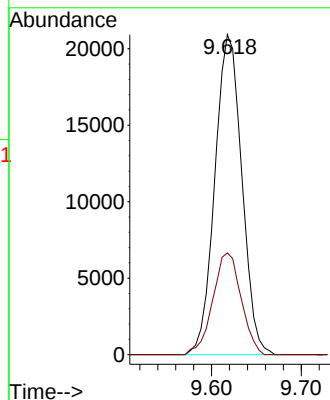
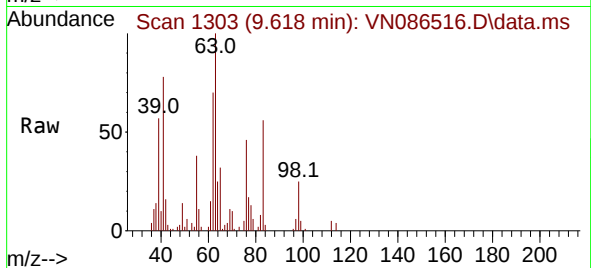
65 31.8 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2025

Supervised By :Mahesh Dadoda 05/07/2025



#46

Dibromomethane

Concen: 21.498 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086516.D

Acq: 06 May 2025 15:47

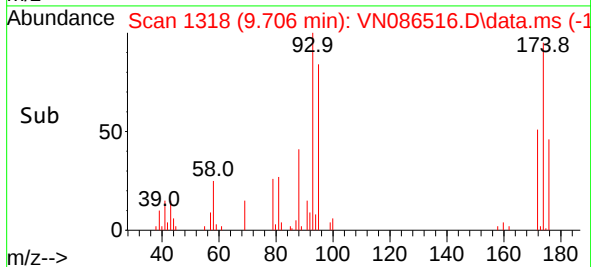
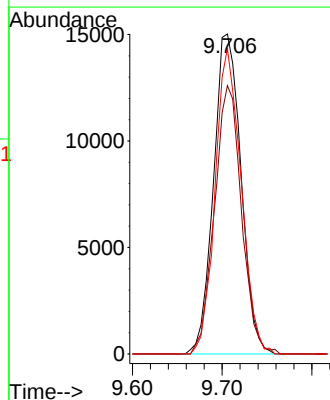
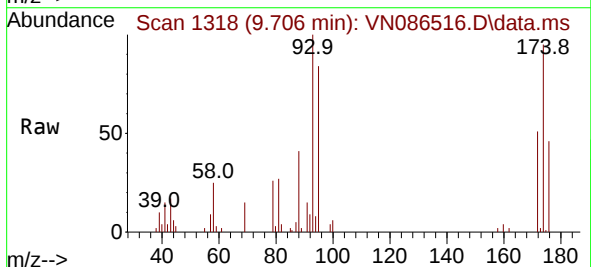
Tgt Ion: 93 Resp: 31958

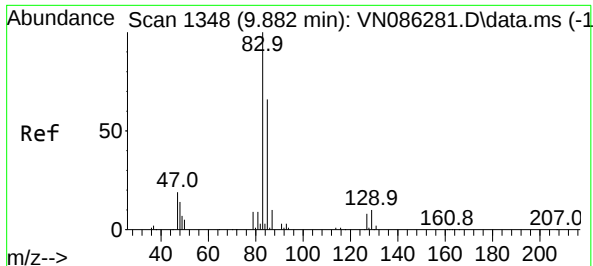
Ion Ratio Lower Upper

93 100

95 82.3 66.2 99.4

174 90.3 67.8 101.6





#47

Bromodichloromethane

Concen: 20.274 ug/l

RT: 9.888 min Scan# 1348

Delta R.T. 0.006 min

Lab File: VN086516.D

Acq: 06 May 2025 15:47

Instrument :

MSVOA_N

ClientSampleId :

VN0506MBS01

Tgt Ion: 83 Resp: 65092

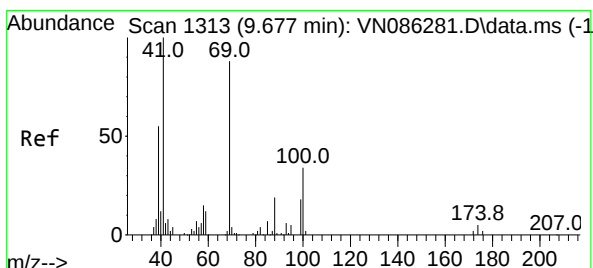
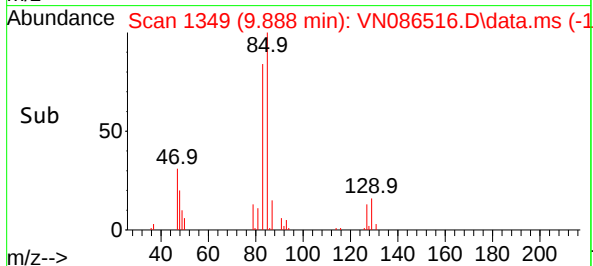
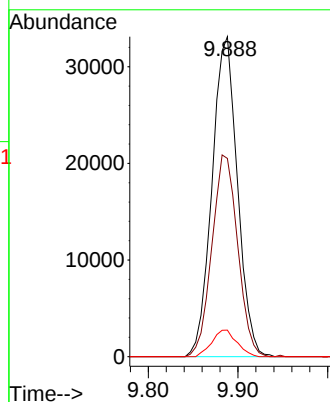
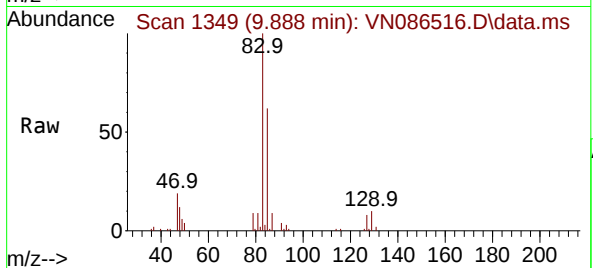
Ion	Ratio	Lower	Upper
83	100		
85	61.9	52.6	78.8
127	8.3	6.1	9.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2025

Supervised By :Mahesh Dadoda 05/07/2025



#48

Methyl methacrylate

Concen: 17.208 ug/l

RT: 9.676 min Scan# 1313

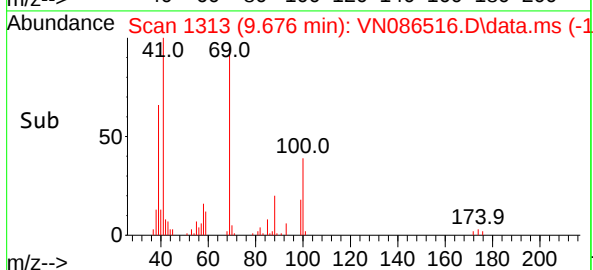
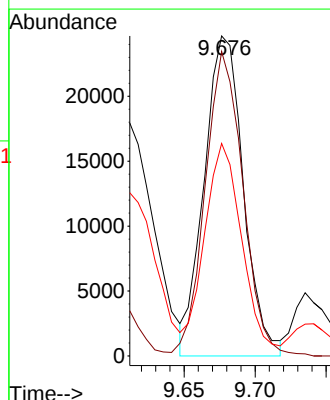
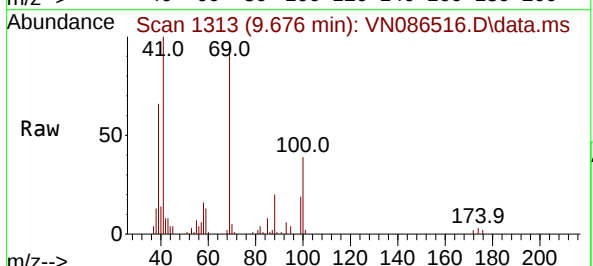
Delta R.T. -0.000 min

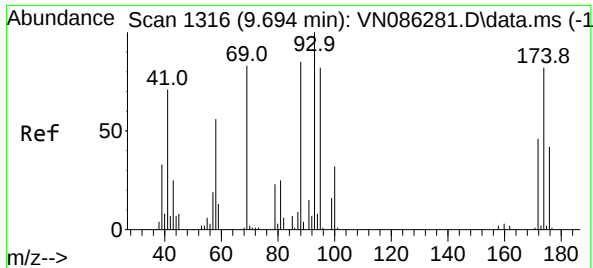
Lab File: VN086516.D

Acq: 06 May 2025 15:47

Tgt Ion: 41 Resp: 47329

Ion	Ratio	Lower	Upper
41	100		
69	91.6	68.2	102.2
39	64.1	45.2	67.8





#49

1,4-Dioxane

Concen: 442.421 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN086516.D

Acq: 06 May 2025 15:47

Instrument :

MSVOA_N

ClientSampleId :

VN0506MBS01

Tgt Ion: 88 Resp: 20698

Ion Ratio Lower Upper

88 100

43 20.2 23.8 35.8

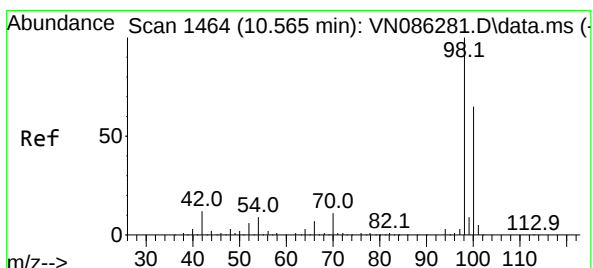
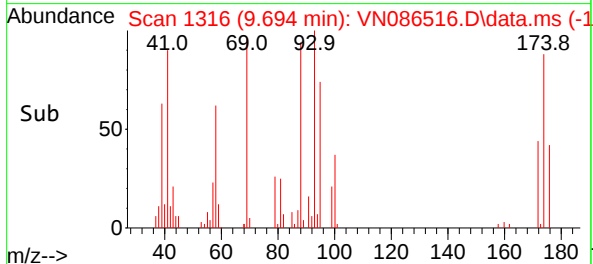
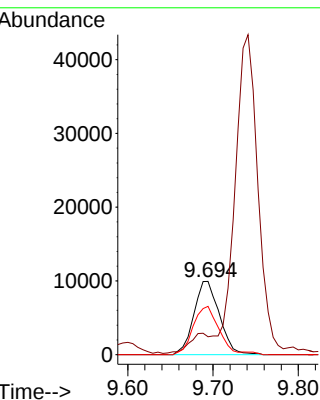
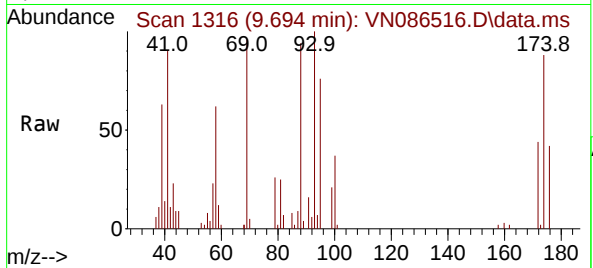
58 67.4 57.4 86.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2025

Supervised By :Mahesh Dadoda 05/07/2025



#50

Toluene-d8

Concen: 51.329 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086516.D

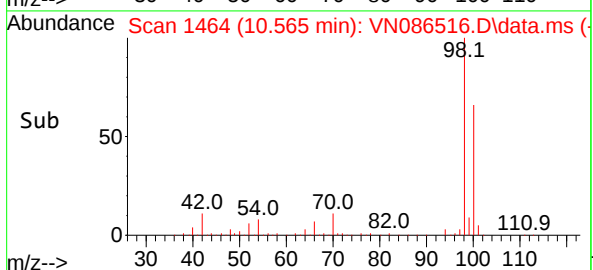
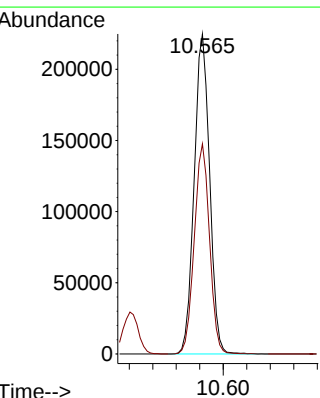
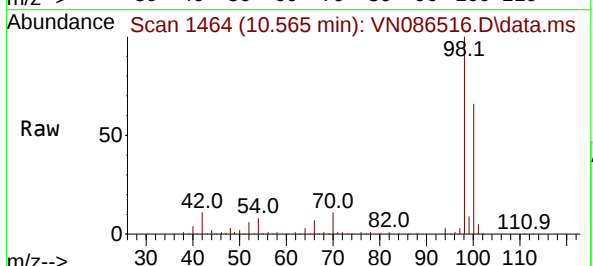
Acq: 06 May 2025 15:47

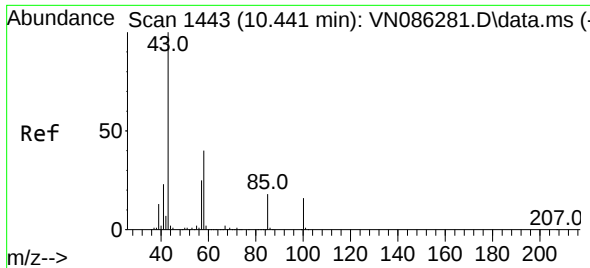
Tgt Ion: 98 Resp: 408587

Ion Ratio Lower Upper

98 100

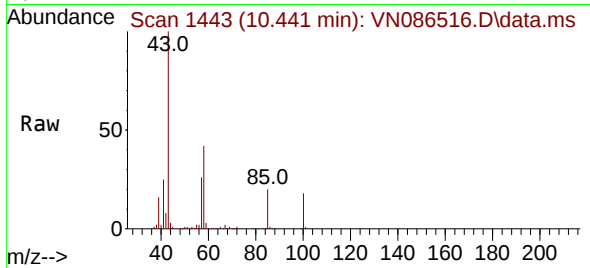
100 64.9 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 94.526 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

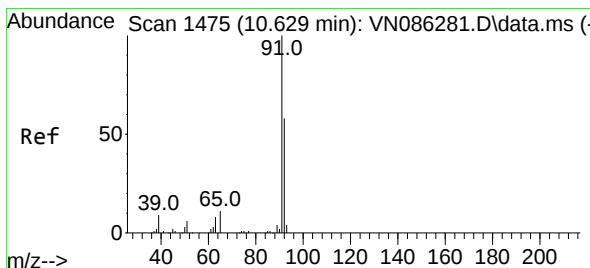
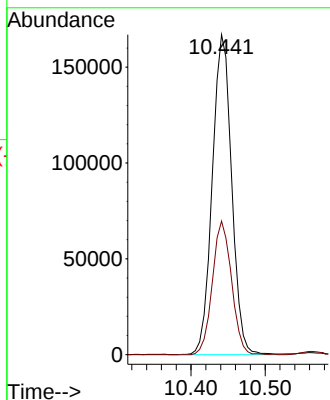
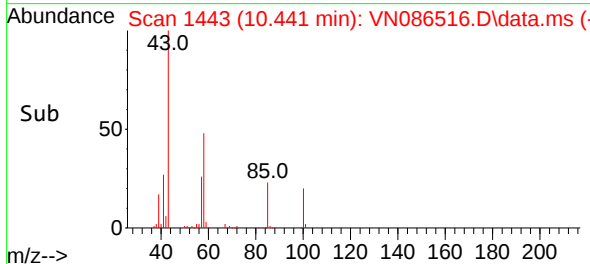
Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01



Tgt Ion: 43 Resp: 30315
Ion Ratio Lower Upper
43 100
58 41.2 32.2 48.4

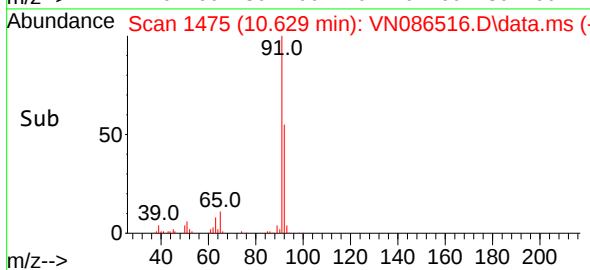
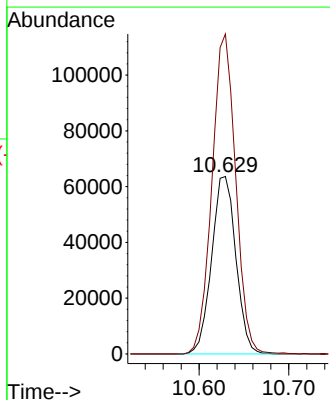
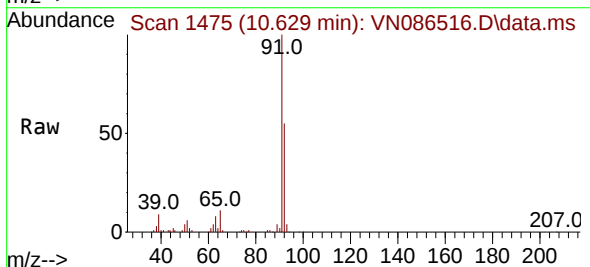
Manual Integrations
APPROVED

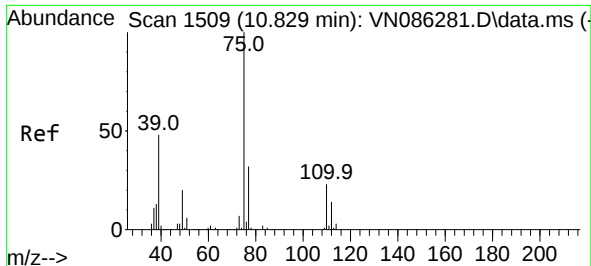
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#52
Toluene
Concen: 20.064 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

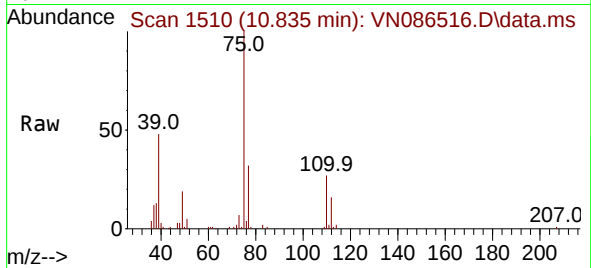
Tgt Ion: 92 Resp: 119325
Ion Ratio Lower Upper
92 100
91 176.6 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 19.539 ug/l
RT: 10.835 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

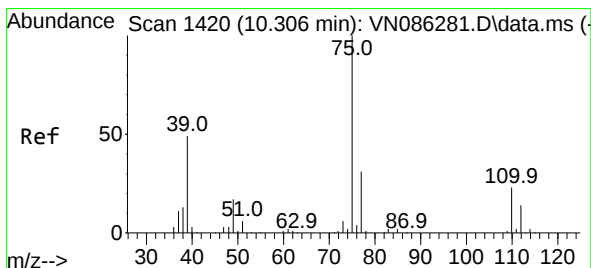
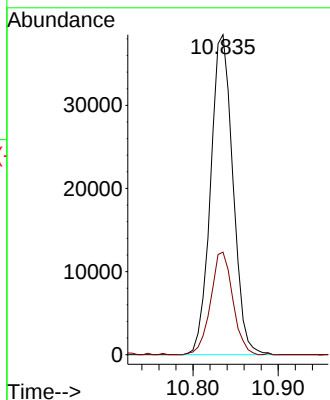
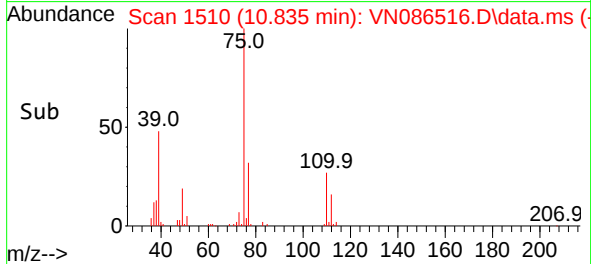
Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01



Tgt Ion: 75 Resp: 7002
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0

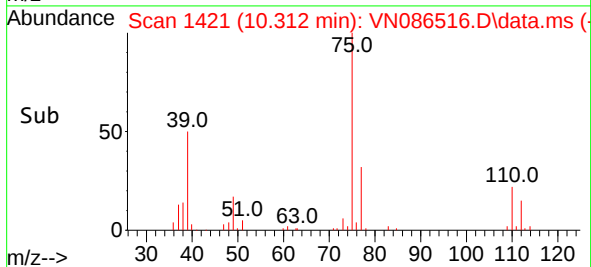
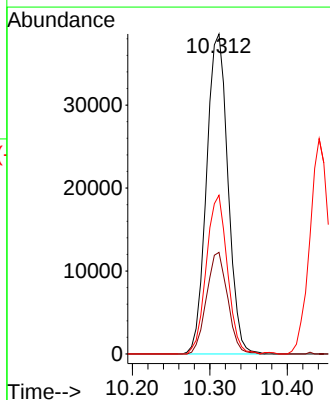
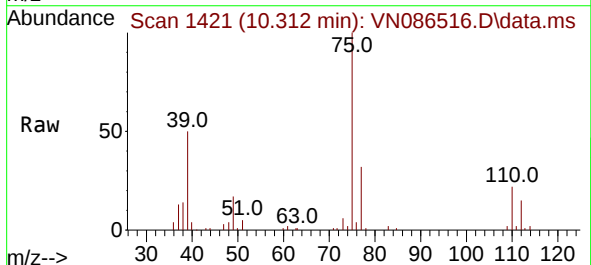
Manual Integrations
APPROVED

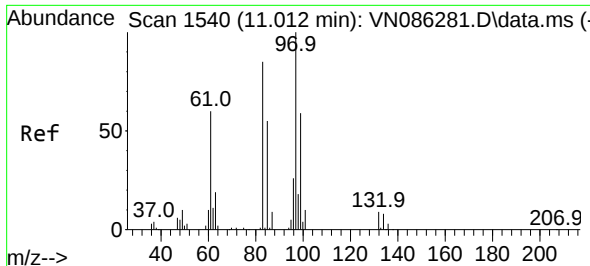
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#54
cis-1,3-Dichloropropene
Concen: 18.804 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

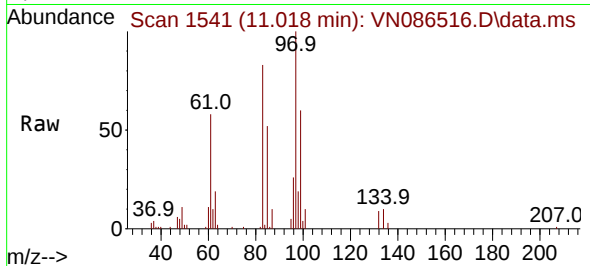
Tgt Ion: 75 Resp: 74023
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8
39 49.6 39.3 58.9





#55
1,1,2-Trichloroethane
Concen: 20.899 ug/l
RT: 11.018 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

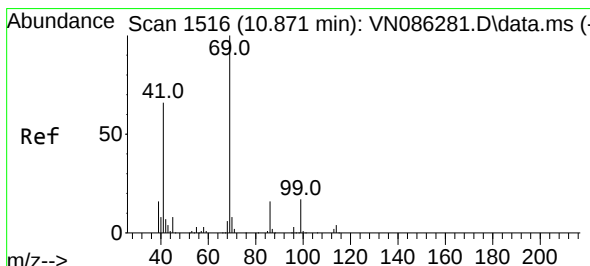
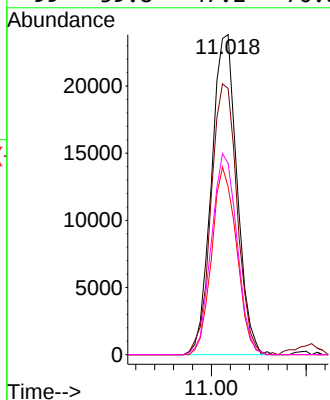
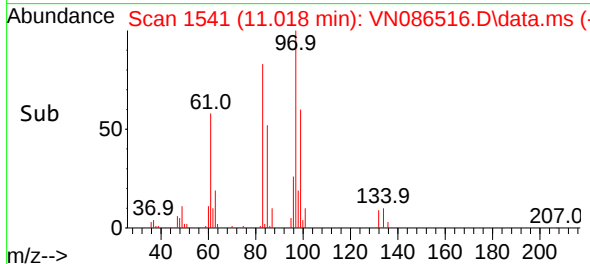
Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01



Tgt Ion:	97	Resp:	44719
Ion Ratio	Lower	Upper	
97	100		
83	83.2	68.4	102.6
85	52.5	43.9	65.9
99	59.8	47.2	70.8

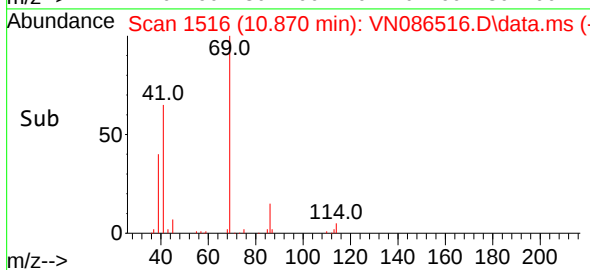
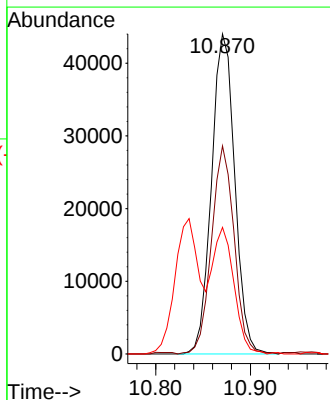
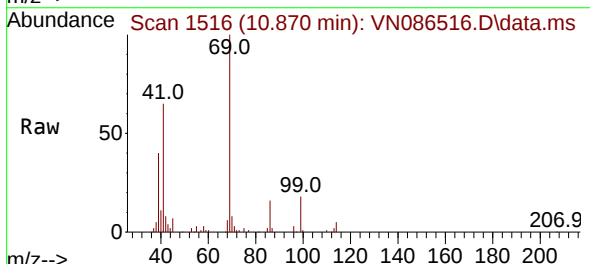
Manual Integrations
APPROVED

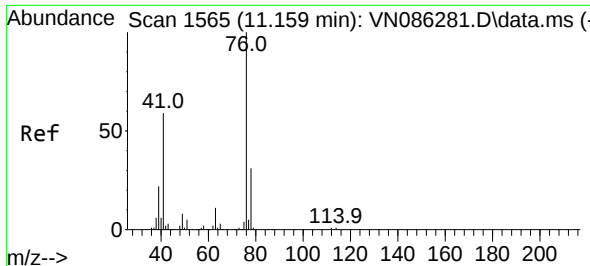
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#56
Ethyl methacrylate
Concen: 19.116 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

Tgt Ion:	69	Resp:	75190
Ion Ratio	Lower	Upper	
69	100		
41	63.3	51.7	77.5
39	36.6	26.3	39.5





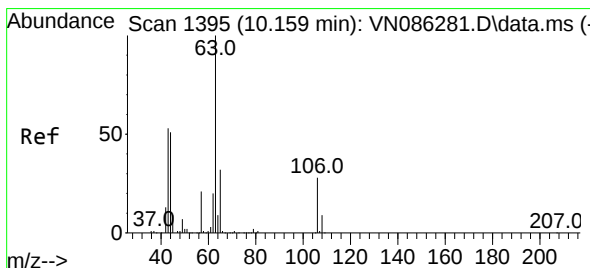
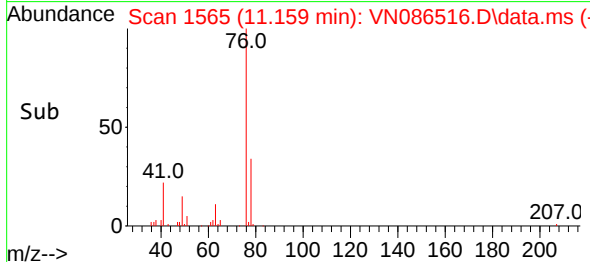
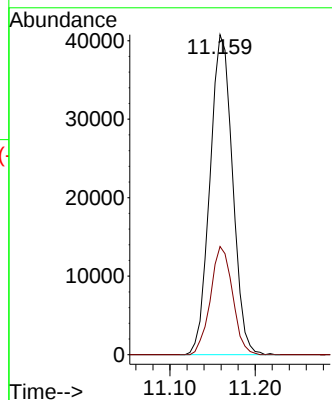
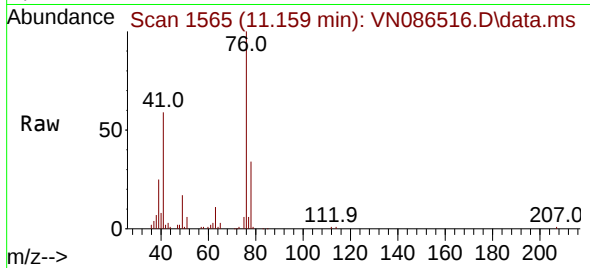
#57
1,3-Dichloropropane
Concen: 19.846 ug/l
RT: 11.159 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

Tgt Ion: 76 Resp: 75344
Ion Ratio Lower Upper
76 100
78 33.0 25.6 38.4

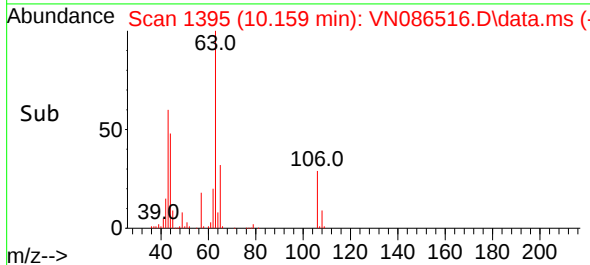
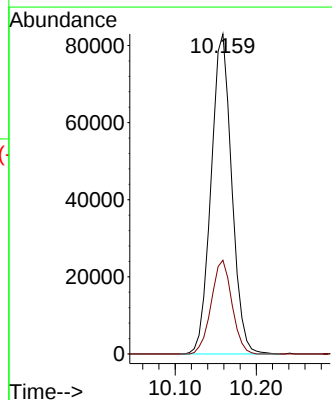
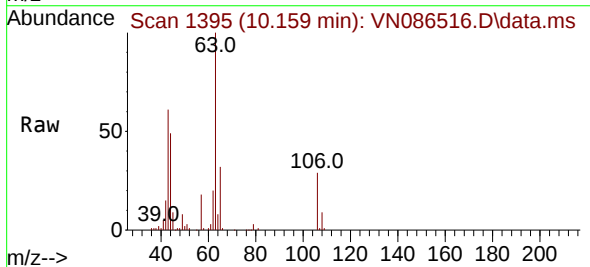
Manual Integrations
APPROVED

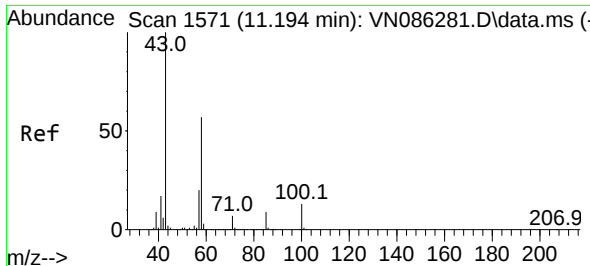
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#58
2-Chloroethyl Vinyl ether
Concen: 78.483 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

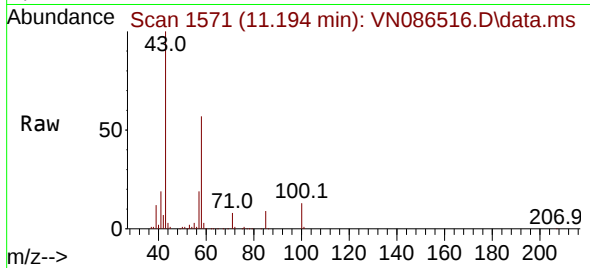
Tgt Ion: 63 Resp: 146517
Ion Ratio Lower Upper
63 100
106 29.3 22.2 33.2





#59
2-Hexanone
Concen: 94.950 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

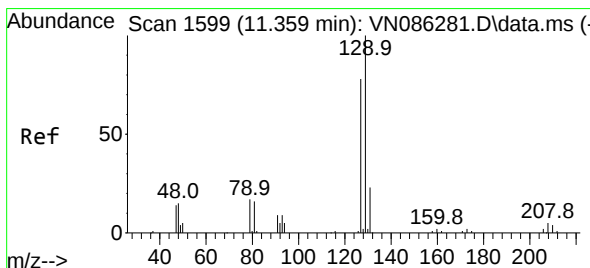
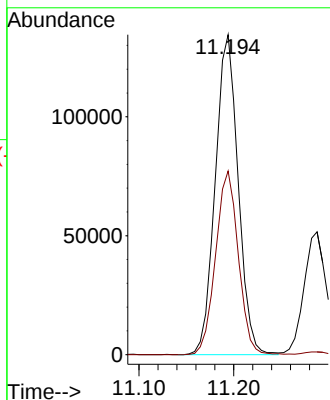
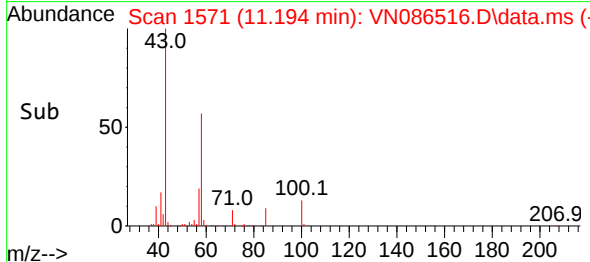
Instrument :
MSVOA_N
ClientSampleId :
VN0506MBSD01



Tgt Ion: 43 Resp: 225870
Ion Ratio Lower Upper
43 100
58 57.0 28.3 85.0

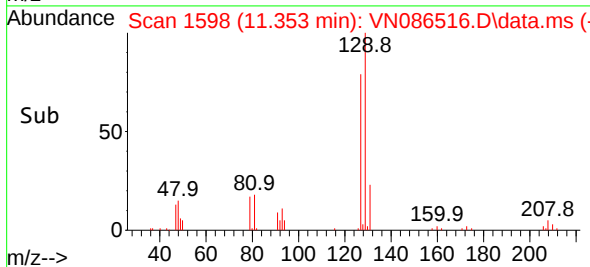
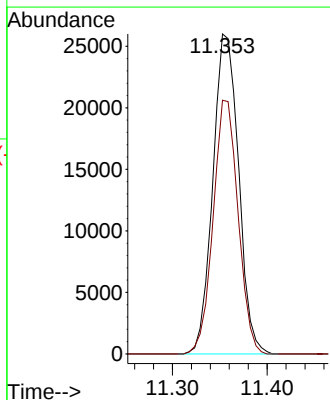
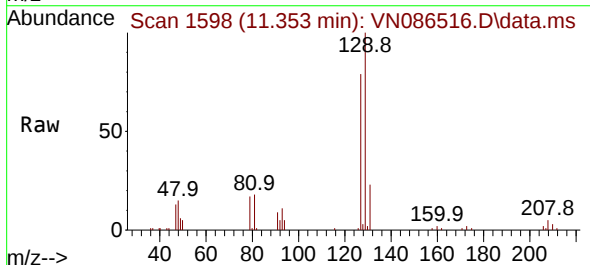
Manual Integrations
APPROVED

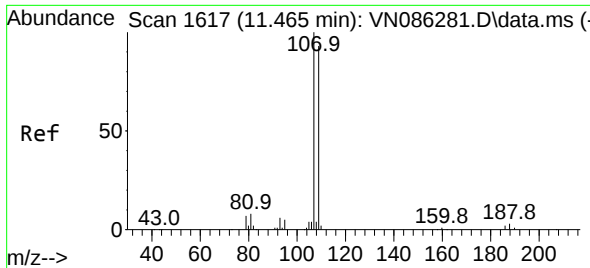
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#60
Dibromochloromethane
Concen: 20.901 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

Tgt Ion:129 Resp: 49111
Ion Ratio Lower Upper
129 100
127 76.9 38.7 116.1





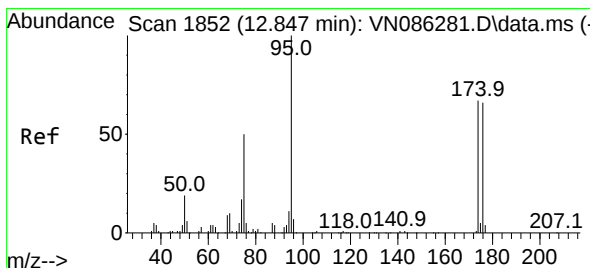
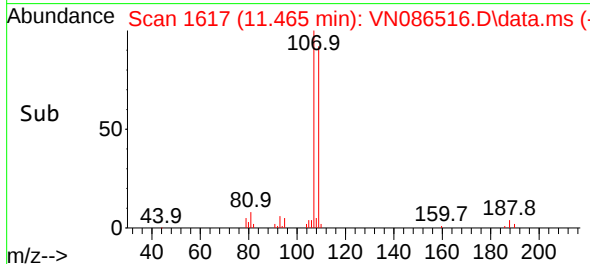
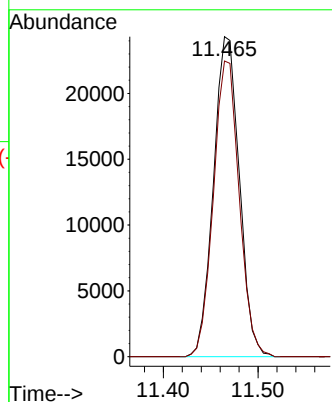
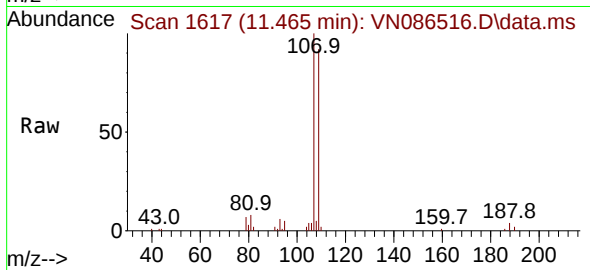
#61
1,2-Dibromoethane
Concen: 21.407 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

Tgt Ion:107 Resp: 46219
Ion Ratio Lower Upper
107 100
109 92.3 75.4 113.0

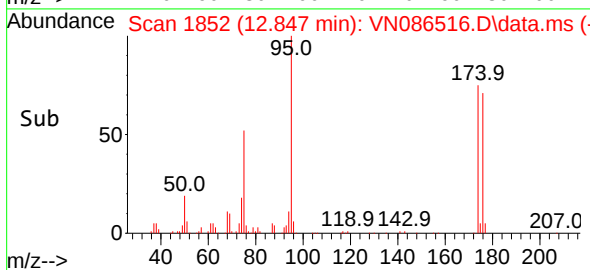
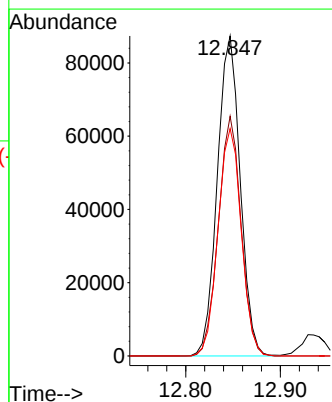
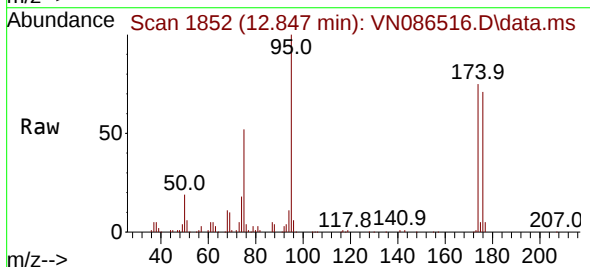
Manual Integrations
APPROVED

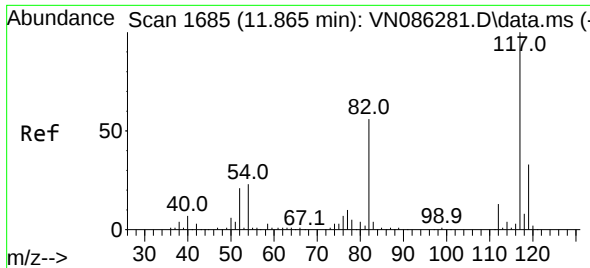
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#62
4-Bromofluorobenzene
Concen: 50.699 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

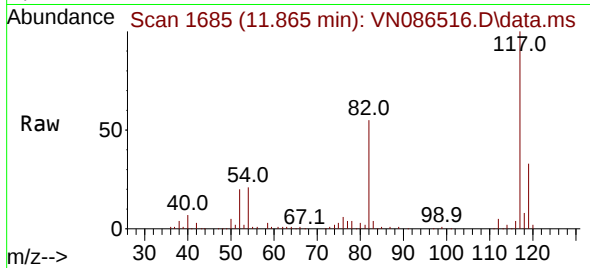
Tgt Ion: 95 Resp: 147201
Ion Ratio Lower Upper
95 100
174 74.0 0.0 133.4
176 71.9 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

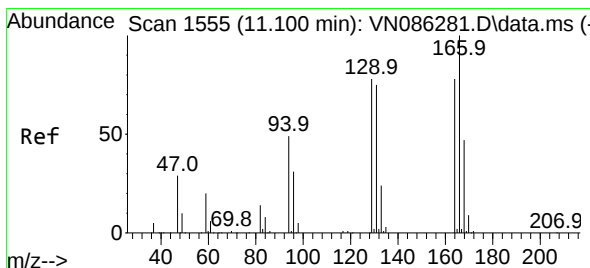
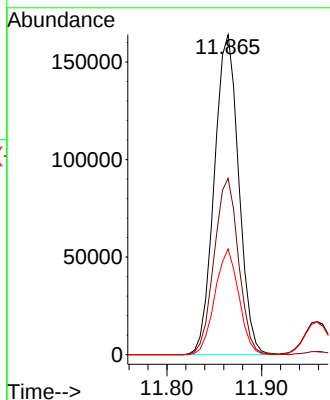
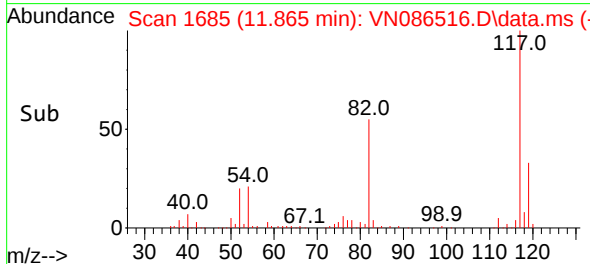
Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01



Tgt Ion:117 Resp: 294238
Ion Ratio Lower Upper
117 100
82 55.1 44.7 67.1
119 33.1 26.4 39.6

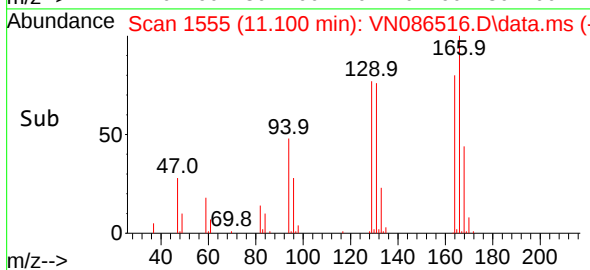
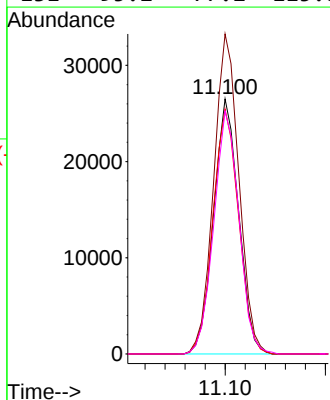
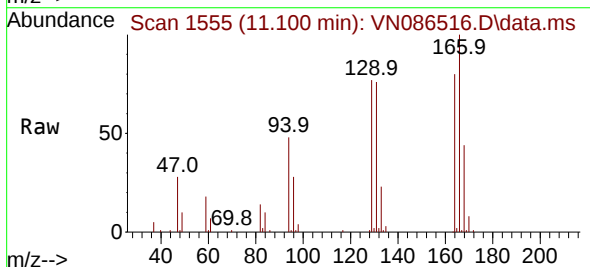
Manual Integrations
APPROVED

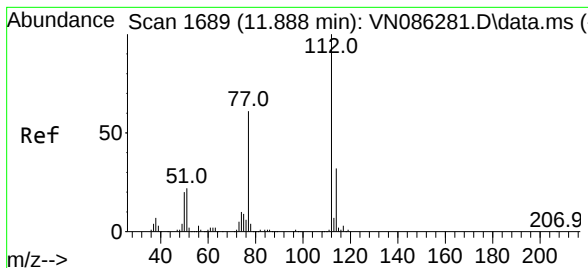
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#64
Tetrachloroethene
Concen: 20.343 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

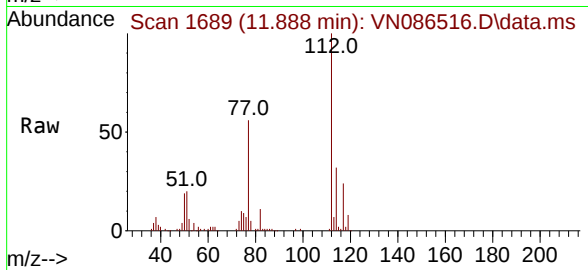
Tgt Ion:164 Resp: 46042
Ion Ratio Lower Upper
164 100
166 125.5 103.0 154.4
129 96.0 80.1 120.1
131 95.2 77.2 115.8





#65
Chlorobenzene
Concen: 20.429 ug/l
RT: 11.888 min Scan# 112
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

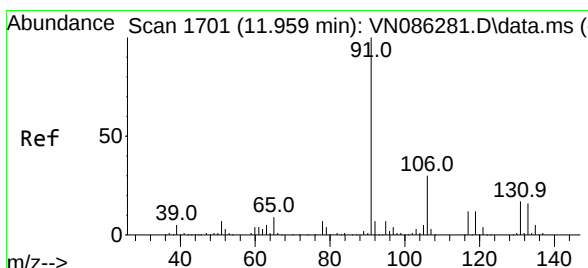
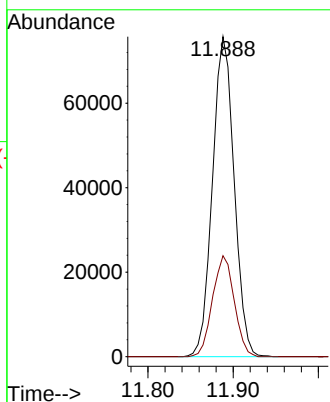
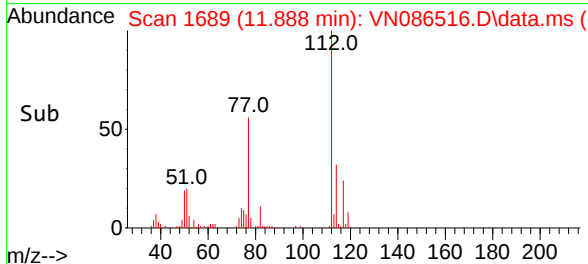
Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01



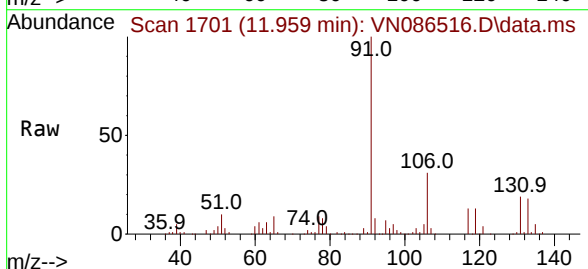
Tgt Ion:112 Resp: 134140
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.0

Manual Integrations
APPROVED

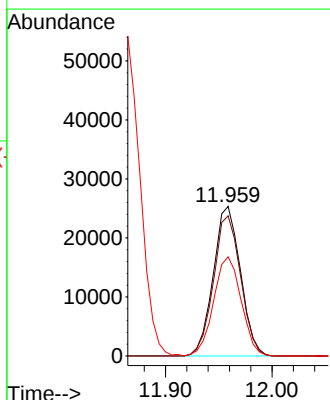
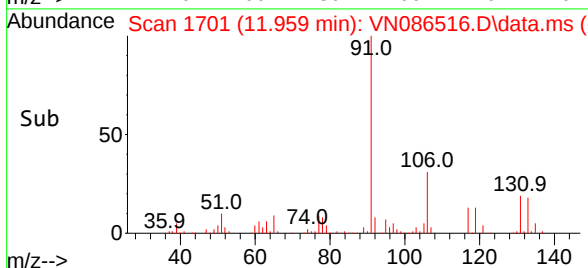
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

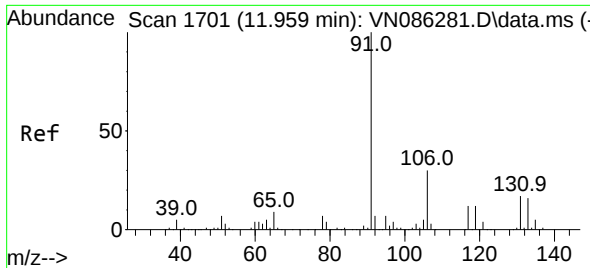


#66
1,1,1,2-Tetrachloroethane
Concen: 20.697 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47



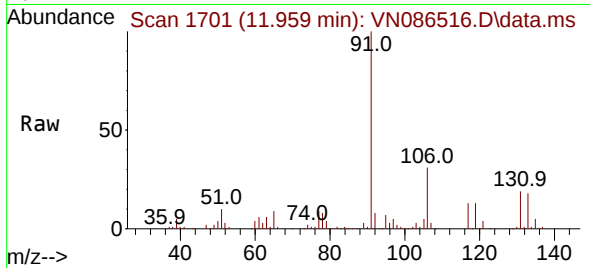
Tgt Ion:131 Resp: 44834
Ion Ratio Lower Upper
131 100
133 93.9 47.1 141.3
119 67.2 33.8 101.4





#67
Ethyl Benzene
Concen: 19.393 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

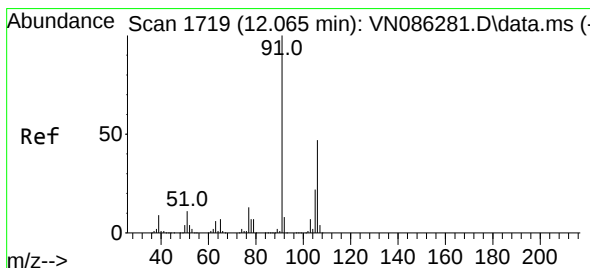
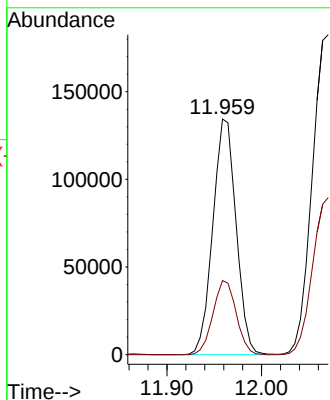
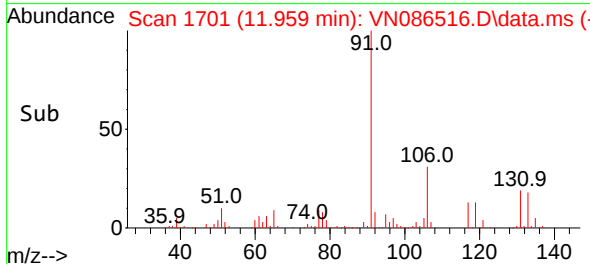
Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01



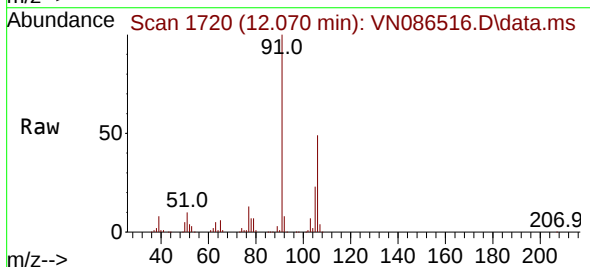
Tgt Ion: 91 Resp: 229797
Ion Ratio Lower Upper
91 100
106 31.4 24.3 36.5

Manual Integrations
APPROVED

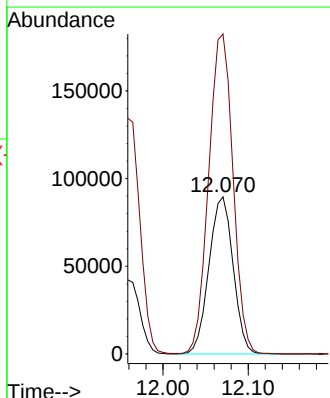
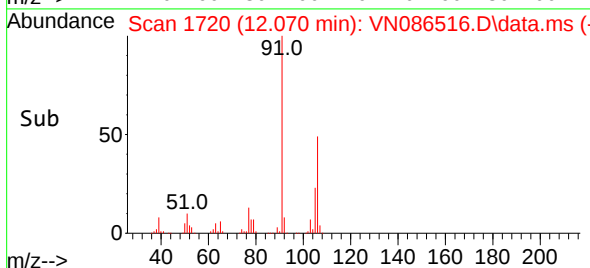
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

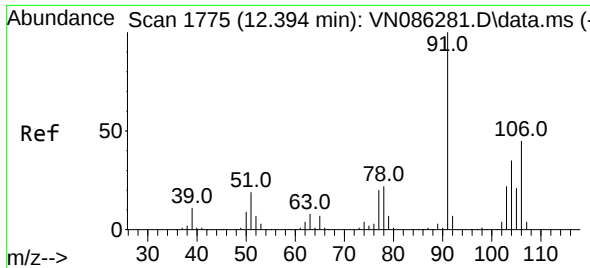


#68
m/p-Xylenes
Concen: 39.760 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47



Tgt Ion:106 Resp: 176528
Ion Ratio Lower Upper
106 100
91 205.2 166.5 249.7





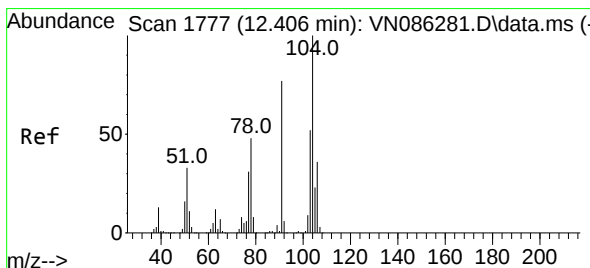
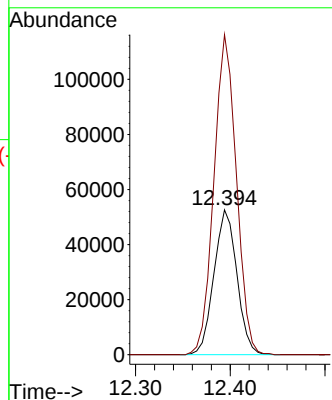
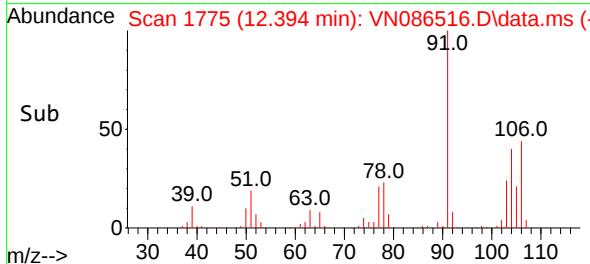
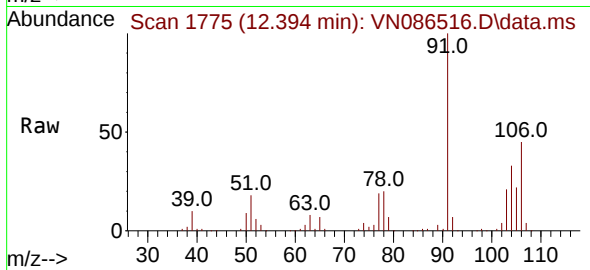
#69
o-Xylene
Concen: 20.194 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

Tgt Ion:106 Resp: 8866
Ion Ratio Lower Upper
106 100
91 216.4 109.7 329.0

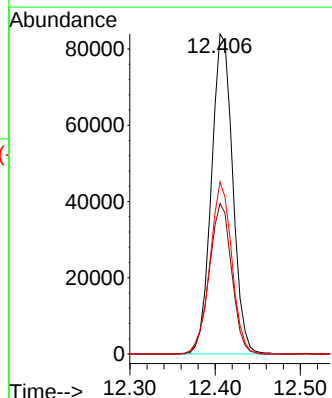
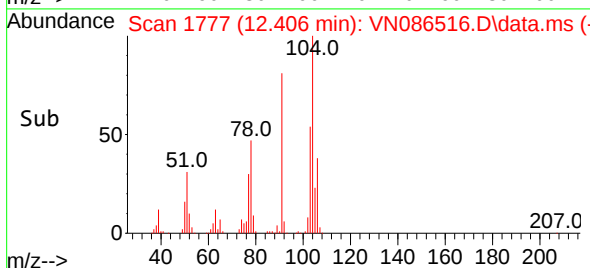
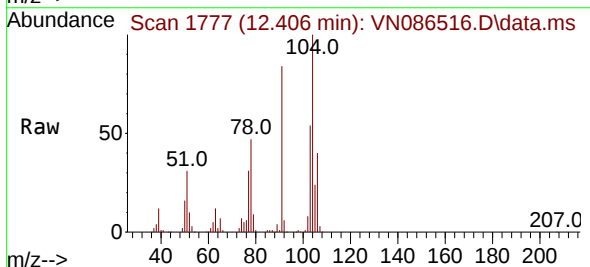
Manual Integrations
APPROVED

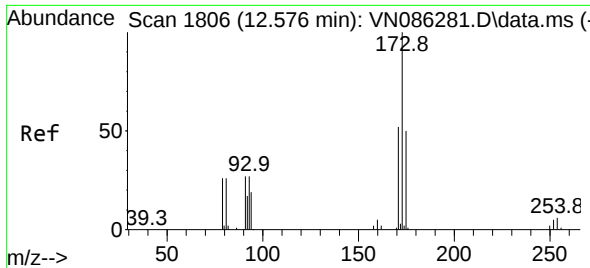
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#70
Styrene
Concen: 19.906 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

Tgt Ion:104 Resp: 145629
Ion Ratio Lower Upper
104 100
78 49.7 40.6 61.0
103 55.0 43.6 65.4





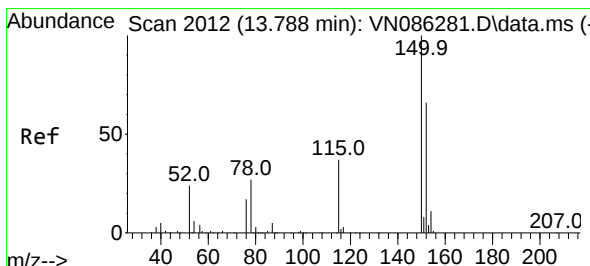
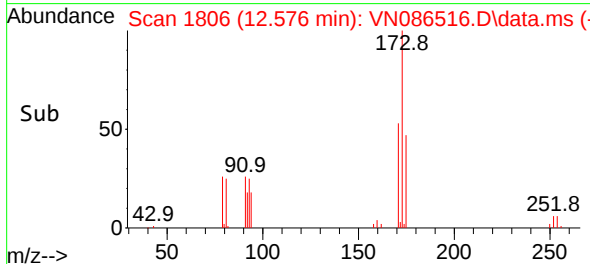
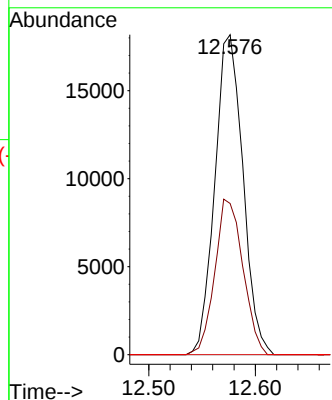
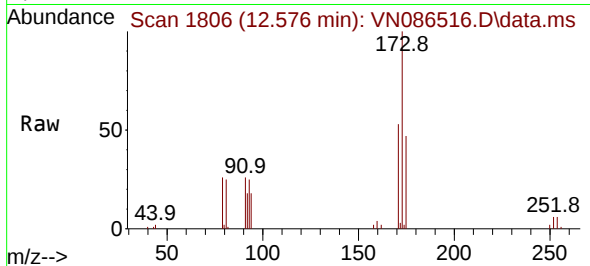
#71
Bromoform
Concen: 20.405 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

Tgt Ion:173 Resp: 33280
Ion Ratio Lower Upper
173 100
175 48.6 24.6 73.6
254 0.0 0.0 0.0

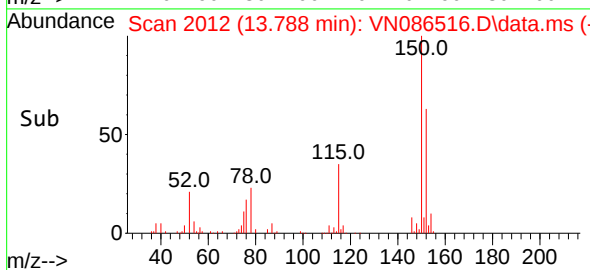
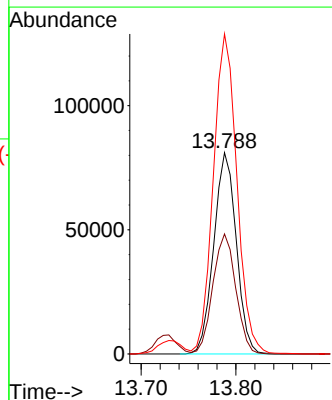
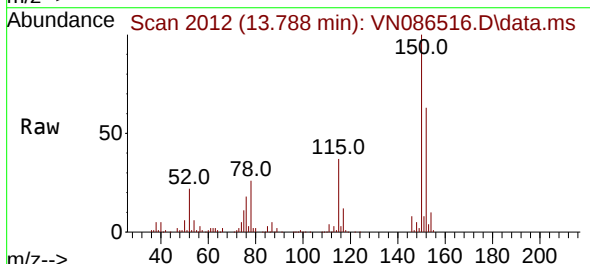
Manual Integrations
APPROVED

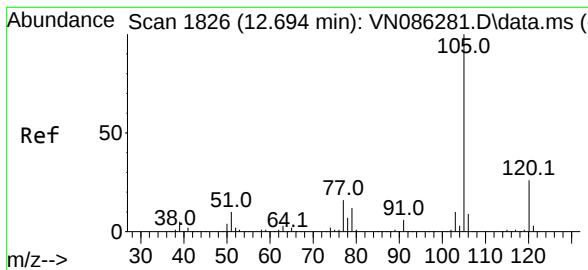
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

Tgt Ion:152 Resp: 133843
Ion Ratio Lower Upper
152 100
115 60.6 31.9 95.9
150 166.6 0.0 352.0





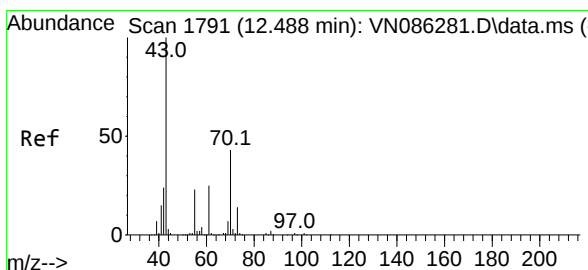
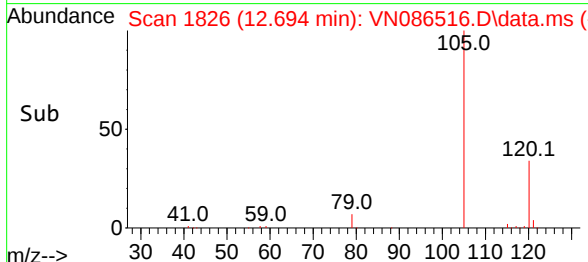
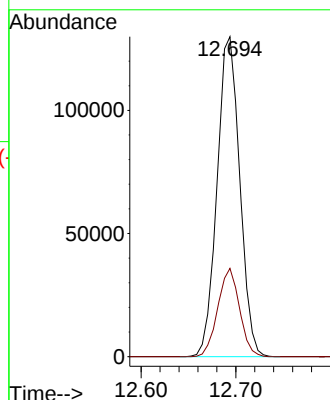
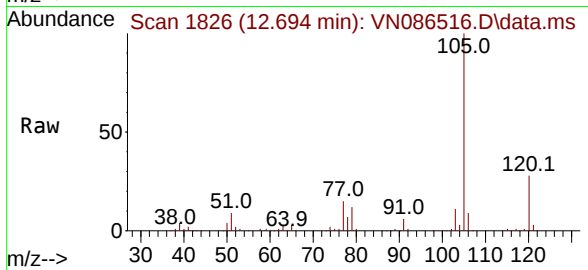
#73
Isopropylbenzene
Concen: 19.766 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

Tgt Ion:105 Resp: 216400
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3

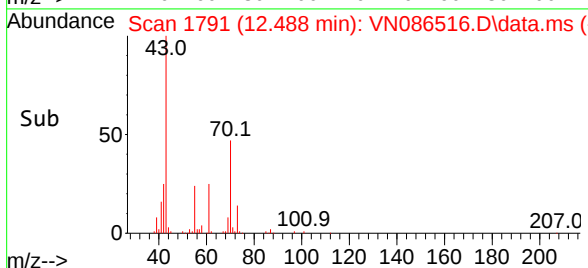
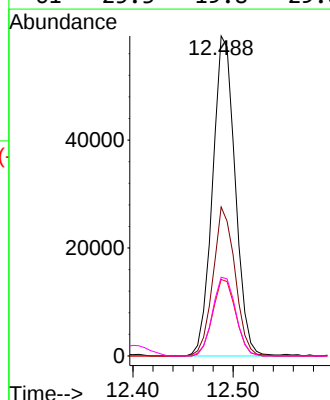
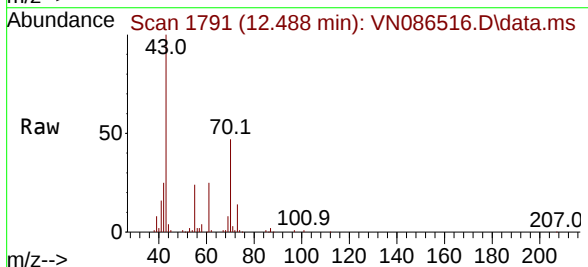
Manual Integrations
APPROVED

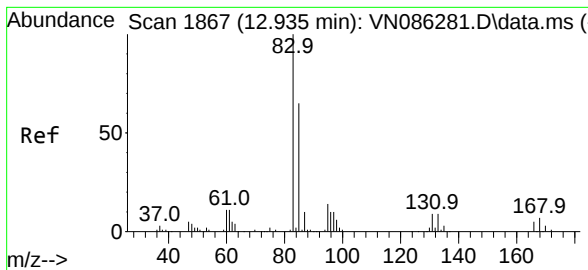
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#74
N-ethyl acetate
Concen: 16.985 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

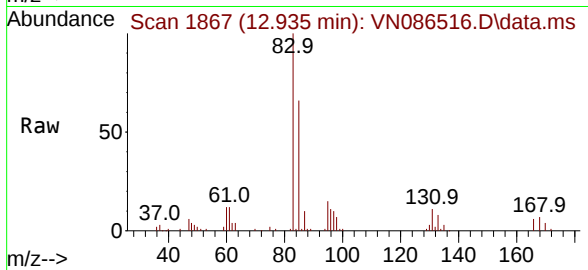
Tgt Ion: 43 Resp: 92580
Ion Ratio Lower Upper
43 100
70 45.3 35.0 52.4
55 24.3 19.0 28.4
61 25.3 19.8 29.8





#75
1,1,2,2-Tetrachloroethane
Concen: 20.717 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

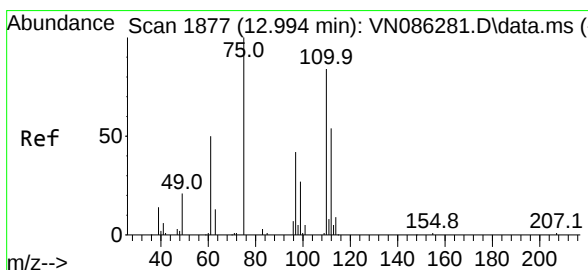
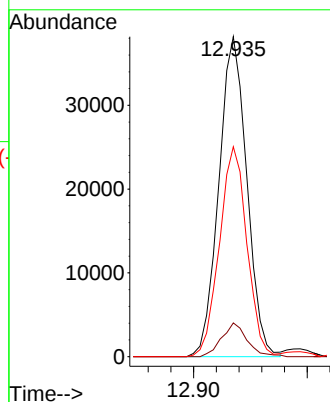
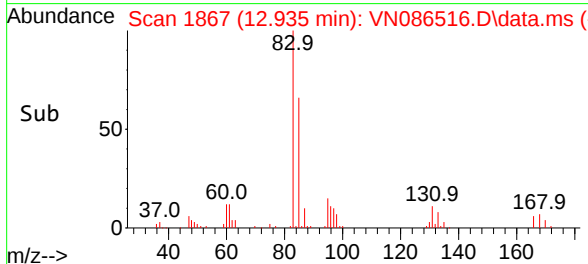
Instrument :
MSVOA_N
ClientSampleId :
VN0506MBSD01



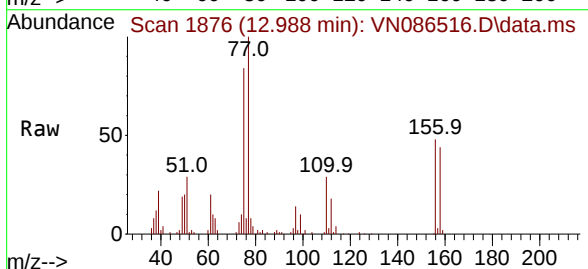
Tgt Ion: 83 Resp: 6521
Ion Ratio Lower Upper
83 100
131 9.6 4.7 14.1
85 64.6 32.7 98.1

Manual Integrations
APPROVED

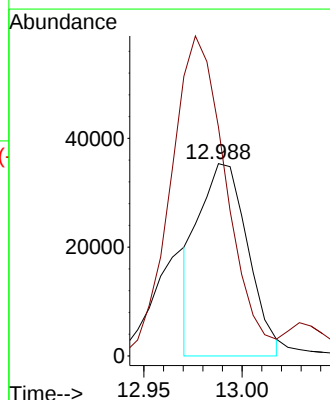
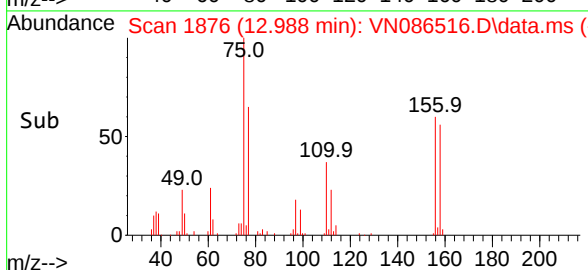
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#76
1,2,3-Trichloropropane
Concen: 19.520 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47



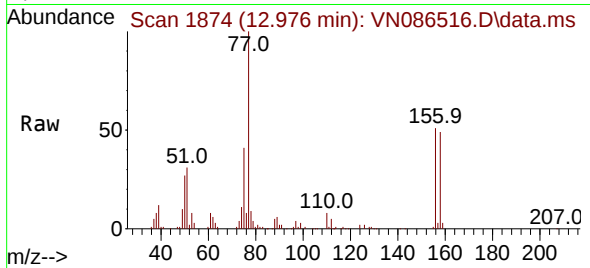
Tgt Ion: 75 Resp: 61653
Ion Ratio Lower Upper
75 100
77 188.0 98.8 296.4





#77
Bromobenzene
Concen: 21.923 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

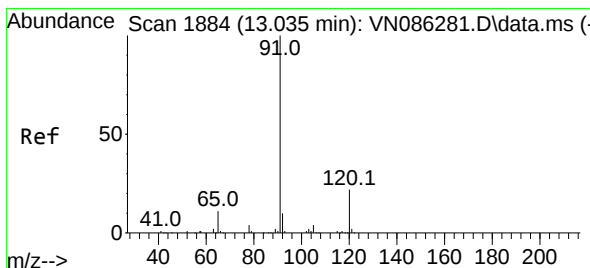
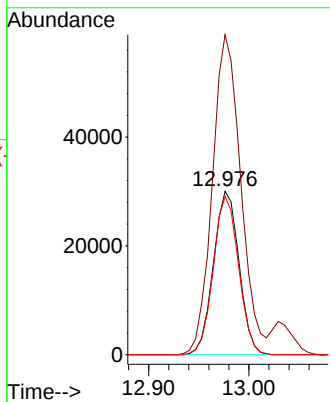
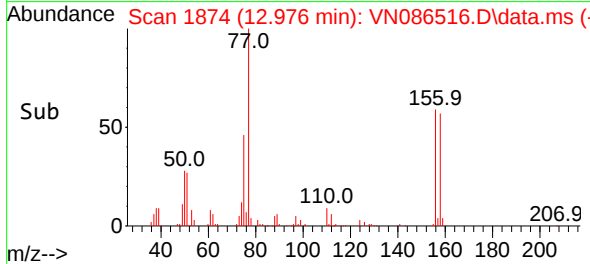
Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01



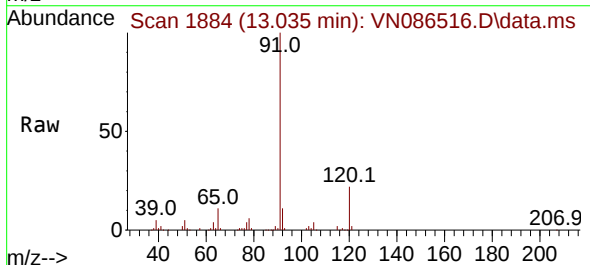
Tgt Ion:156 Resp: 53184
Ion Ratio Lower Upper
156 100
77 218.0 121.1 363.1
158 95.9 47.9 143.6

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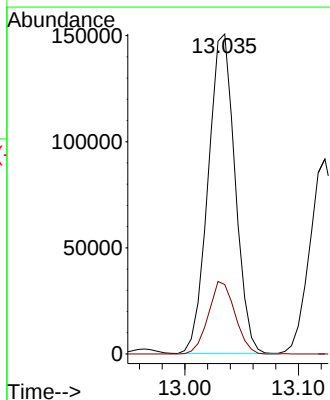
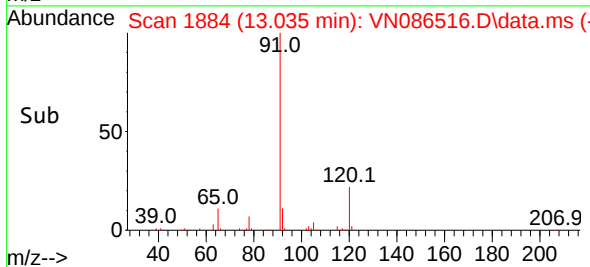
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

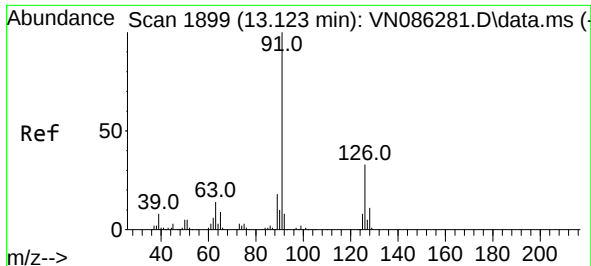


#78
n-propylbenzene
Concen: 19.217 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47



Tgt Ion: 91 Resp: 247927
Ion Ratio Lower Upper
91 100
120 22.3 11.1 33.3





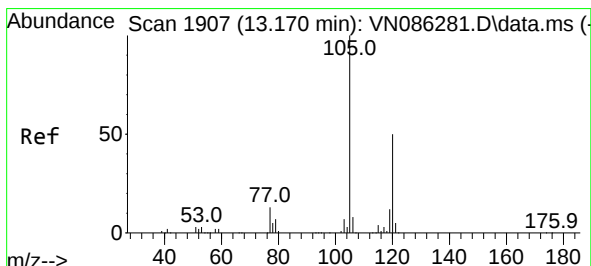
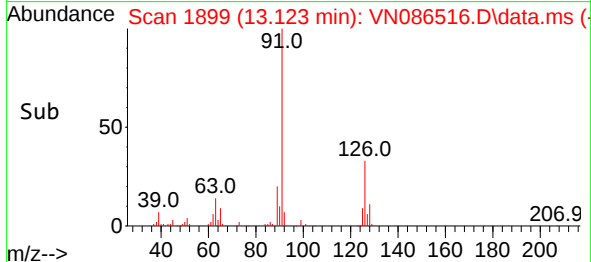
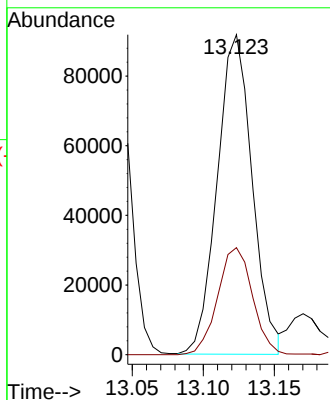
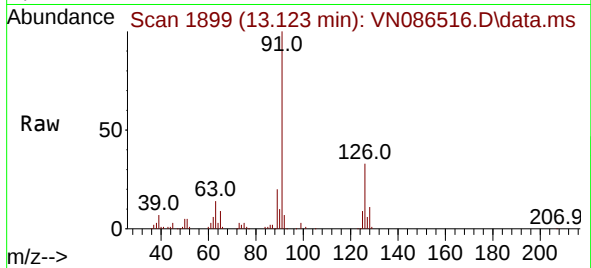
#79
2-Chlorotoluene
Concen: 19.463 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

Tgt Ion: 91 Resp: 157128
Ion Ratio Lower Upper
91 100
126 33.4 16.1 48.2

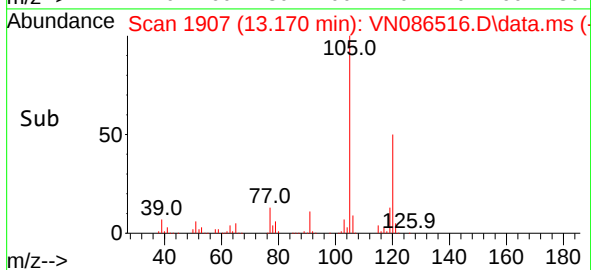
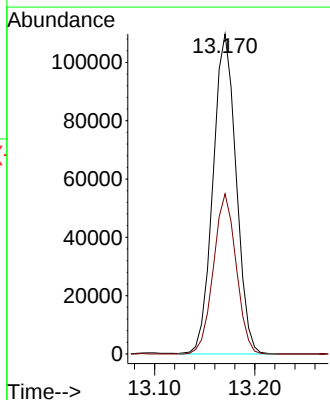
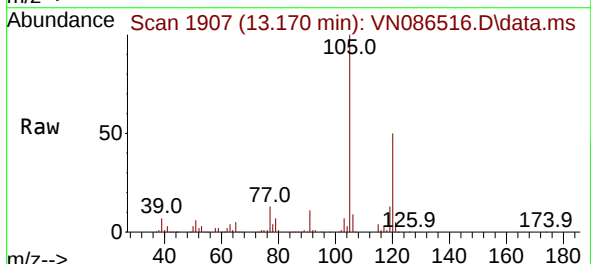
Manual Integrations
APPROVED

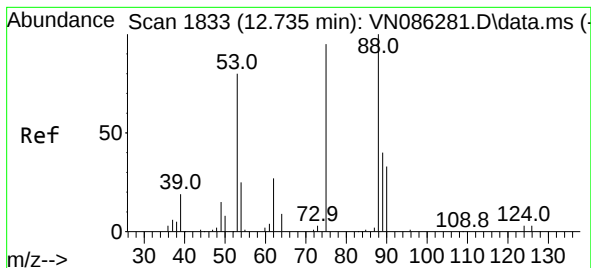
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.626 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

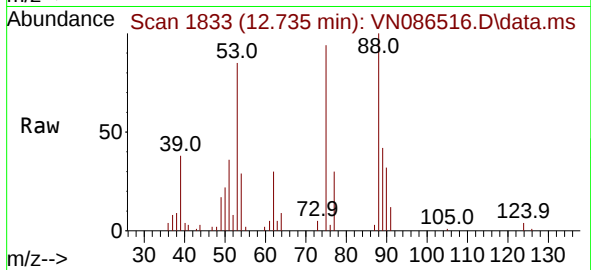
Tgt Ion:105 Resp: 175875
Ion Ratio Lower Upper
105 100
120 49.1 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 17.758 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

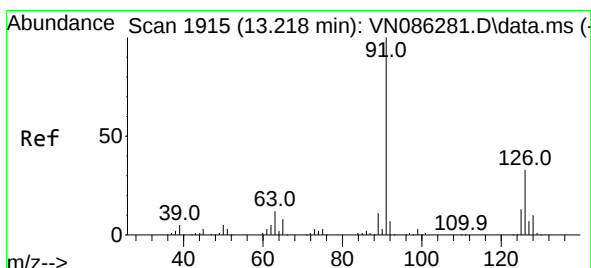
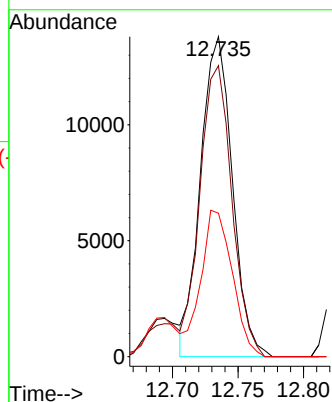
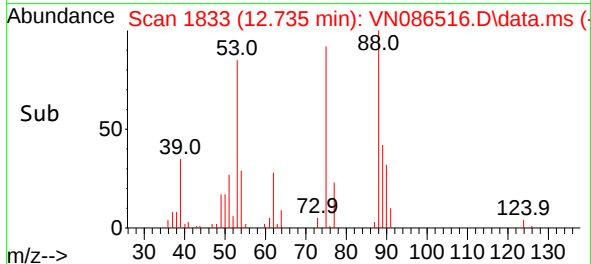
Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01



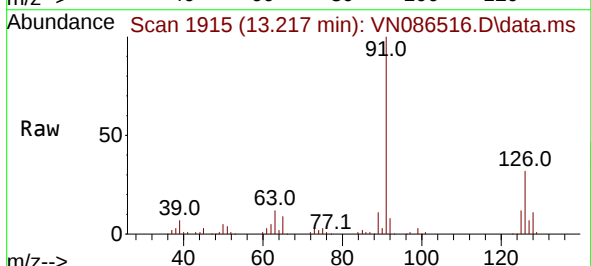
Tgt Ion: 75 Resp: 2335
Ion Ratio Lower Upper
75 100
53 102.4 79.2 118.8
89 45.5 35.7 53.5

Manual Integrations
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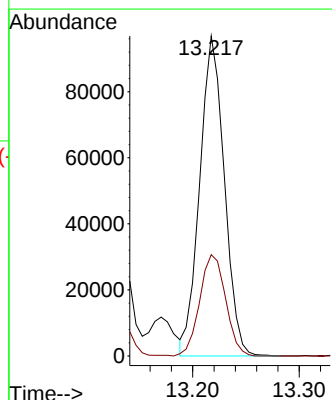
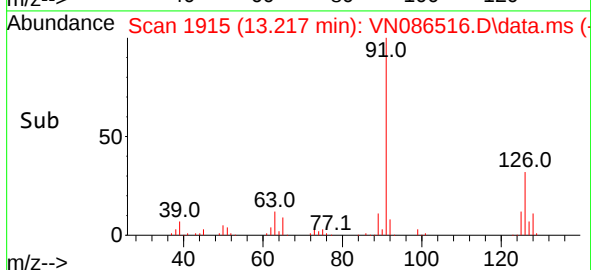
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

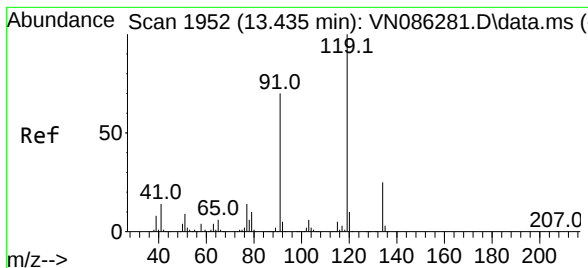


#82
4-Chlorotoluene
Concen: 19.417 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47



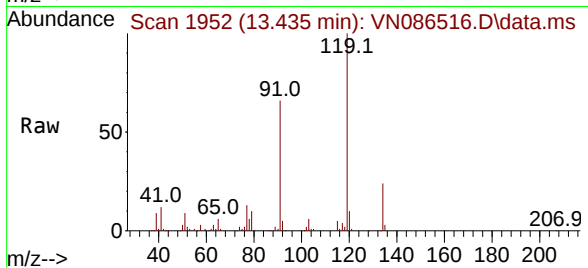
Tgt Ion: 91 Resp: 155710
Ion Ratio Lower Upper
91 100
126 33.2 16.2 48.6





#83
tert-Butylbenzene
Concen: 19.723 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

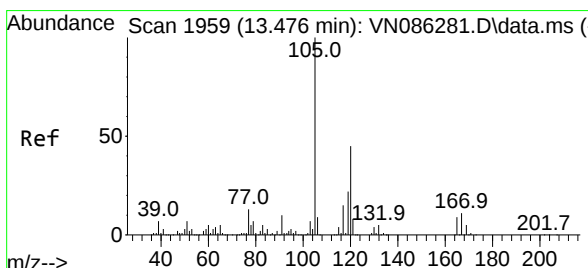
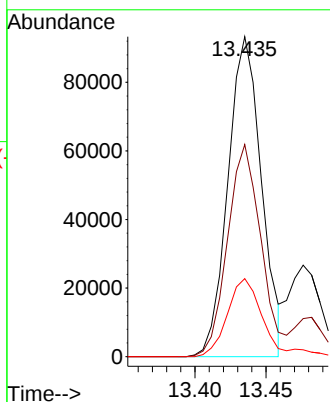
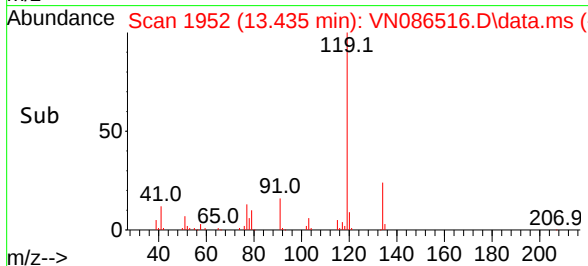
Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01



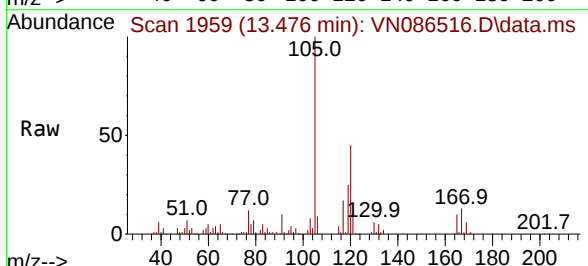
Tgt Ion:119 Resp: 15314
Ion Ratio Lower Upper
119 100
91 66.5 34.4 103.3
134 26.3 13.0 39.0

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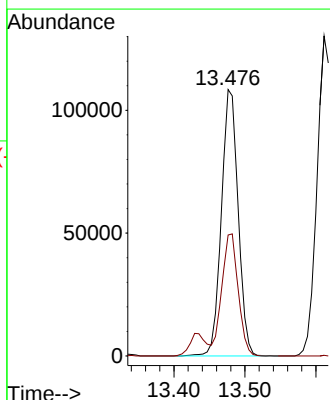
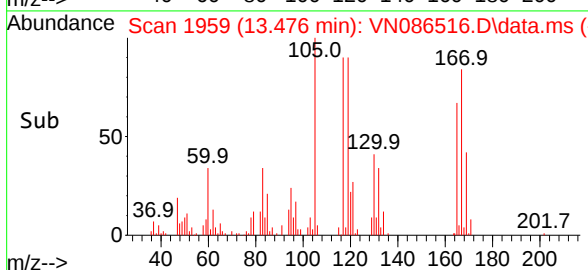
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

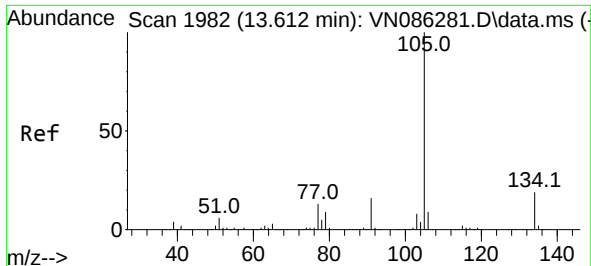


#84
1,2,4-Trimethylbenzene
Concen: 19.397 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47



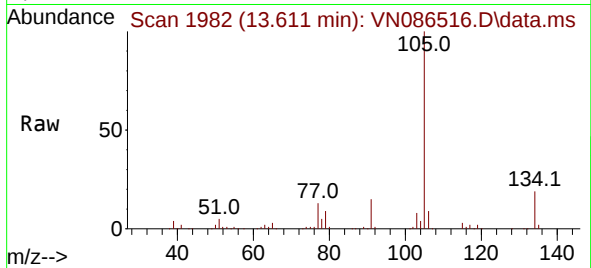
Tgt Ion:105 Resp: 176935
Ion Ratio Lower Upper
105 100
120 44.8 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 19.168 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086516.D
 Acq: 06 May 2025 15:47

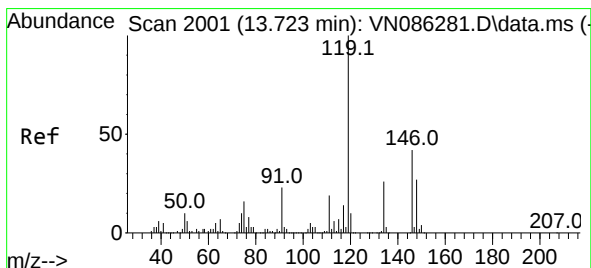
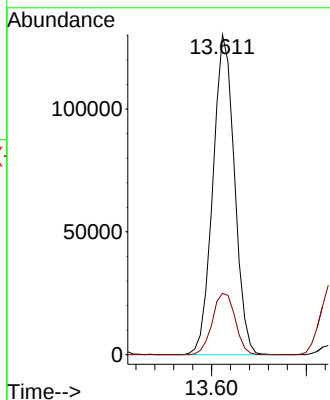
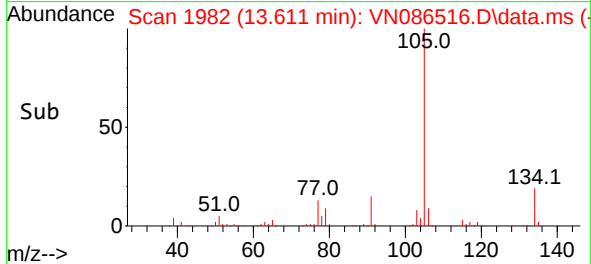
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506MBS01



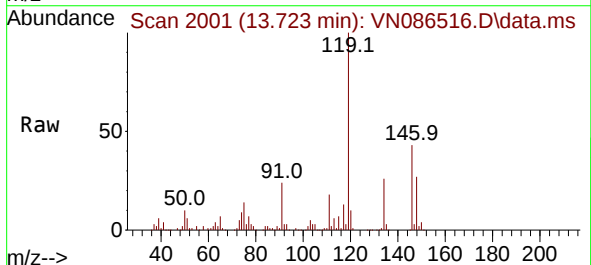
Tgt Ion:105 Resp: 20643
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.7 29.1

Manual Integrations
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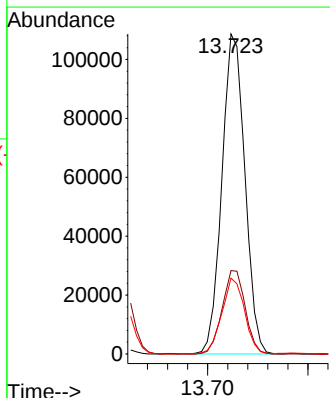
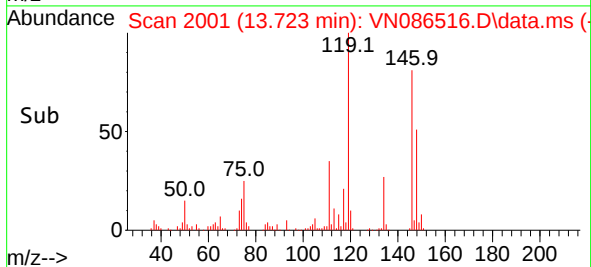
Reviewed By :John Carlone 05/07/2025
 Supervised By :Mahesh Dadoda 05/07/2025



#86
 p-Isopropyltoluene
 Concen: 19.454 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086516.D
 Acq: 06 May 2025 15:47



Tgt Ion:119 Resp: 172696
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 23.3 11.9 35.9





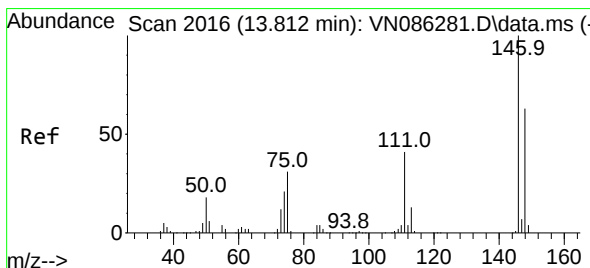
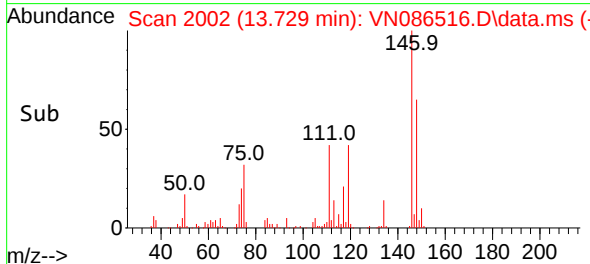
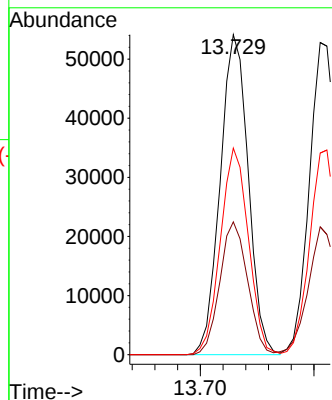
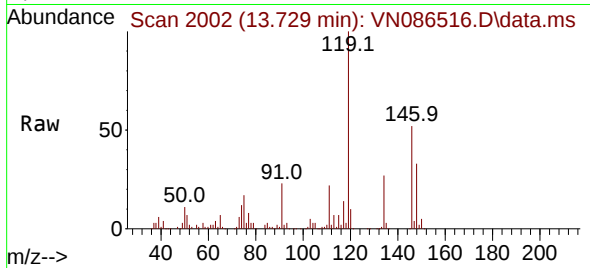
#87
1,3-Dichlorobenzene
Concen: 20.347 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

Tgt Ion:146 Resp: 92792
Ion Ratio Lower Upper
146 100
111 41.0 21.9 65.7
148 64.6 31.9 95.5

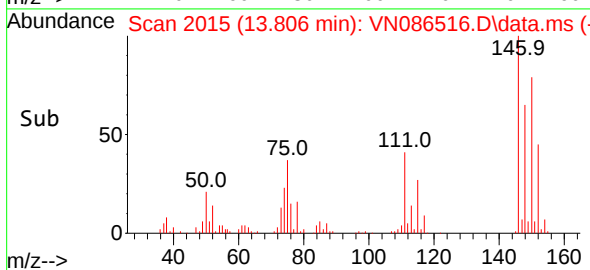
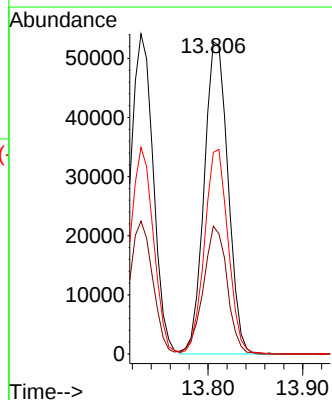
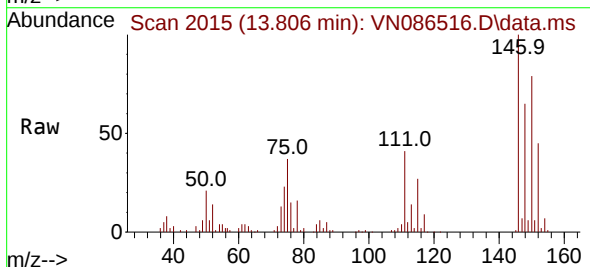
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#88
1,4-Dichlorobenzene
Concen: 20.097 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

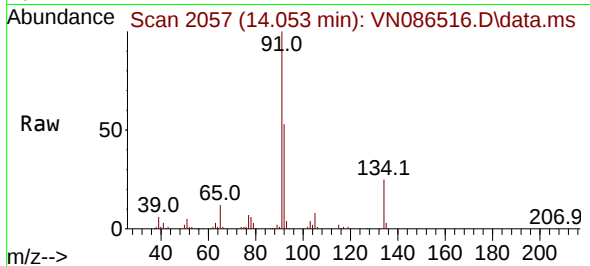
Tgt Ion:146 Resp: 92311
Ion Ratio Lower Upper
146 100
111 41.0 21.3 63.9
148 65.1 31.9 95.9





#89
n-Butylbenzene
Concen: 18.015 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

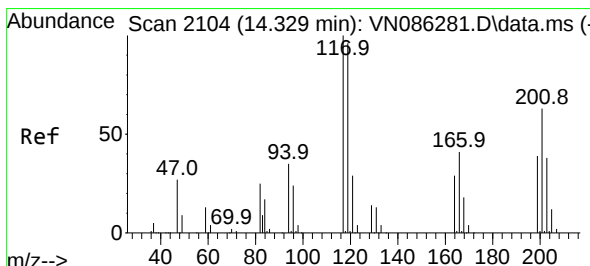
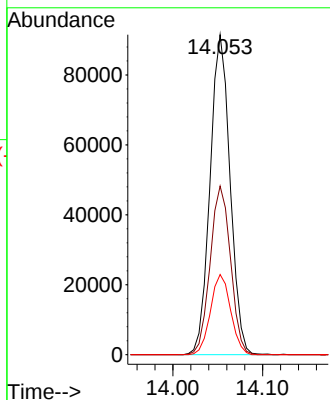
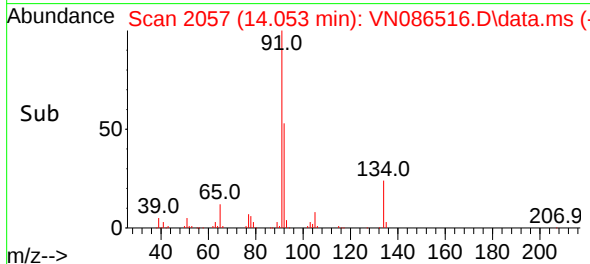
Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01



Tgt Ion: 91 Resp: 141750
Ion Ratio Lower Upper
91 100
92 53.7 26.8 80.4
134 25.3 12.2 36.6

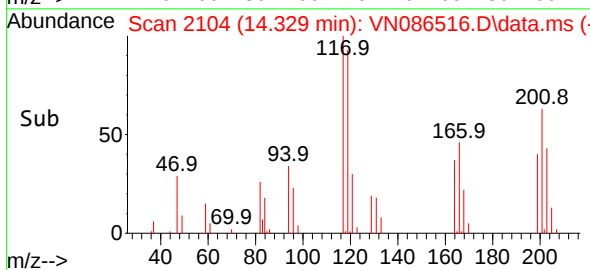
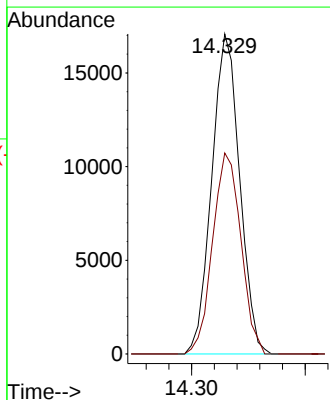
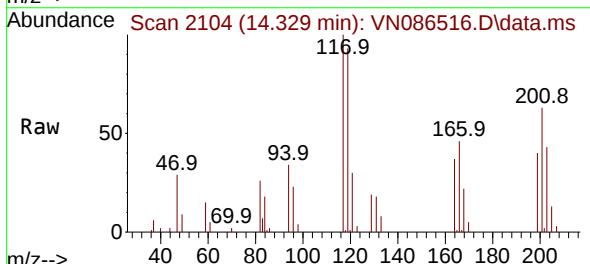
Manual Integrations
APPROVED

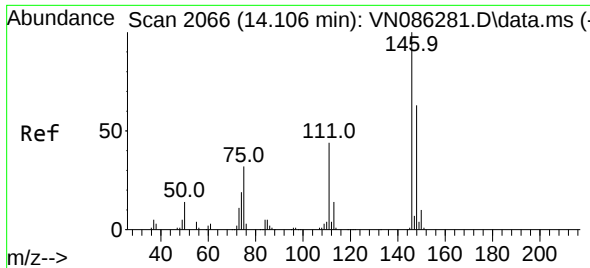
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#90
Hexachloroethane
Concen: 19.477 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

Tgt Ion:117 Resp: 29083
Ion Ratio Lower Upper
117 100
201 63.7 31.4 94.2





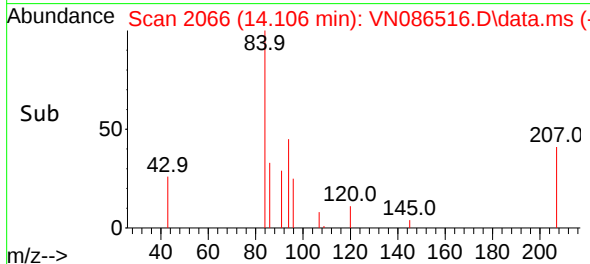
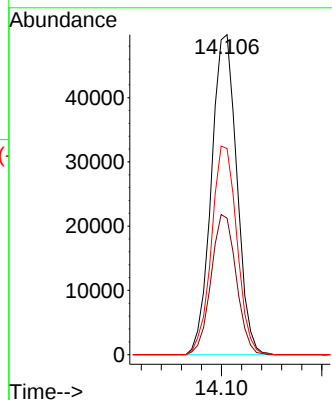
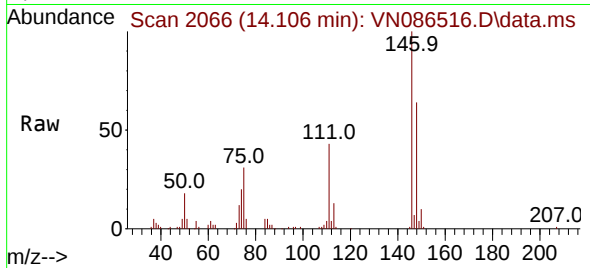
#91
1,2-Dichlorobenzene
Concen: 19.861 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

Tgt Ion:146 Resp: 8781
Ion Ratio Lower Upper
146 100
111 43.2 22.4 67.0
148 65.2 31.8 95.4

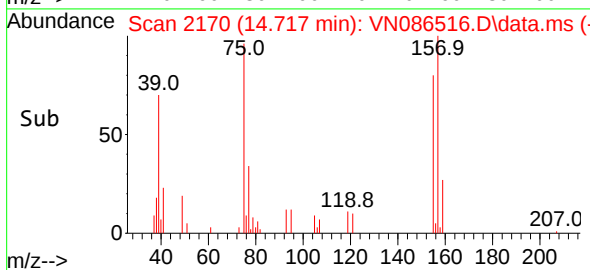
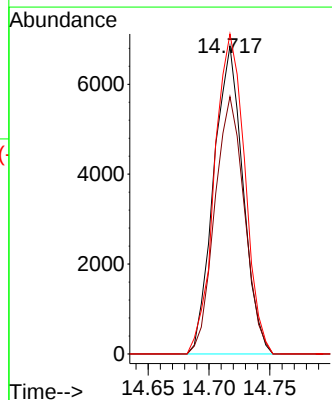
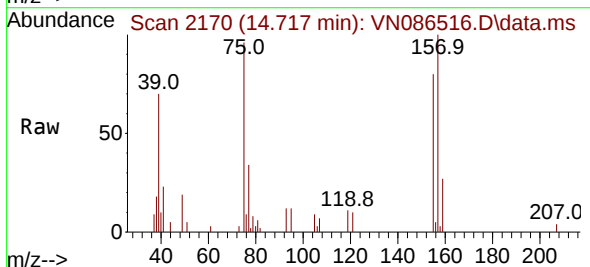
Manual Integrations
APPROVED

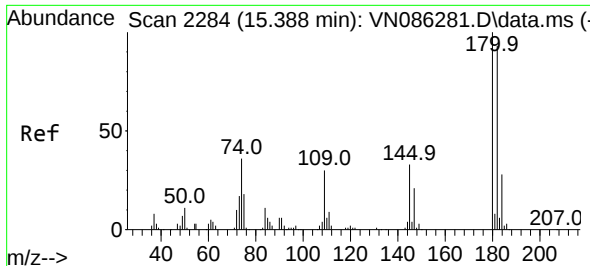
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.040 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

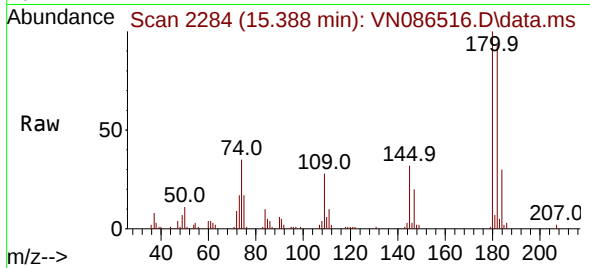
Tgt Ion: 75 Resp: 11451
Ion Ratio Lower Upper
75 100
155 84.6 40.3 120.9
157 107.6 49.0 147.2





#93
1,2,4-Trichlorobenzene
Concen: 18.618 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

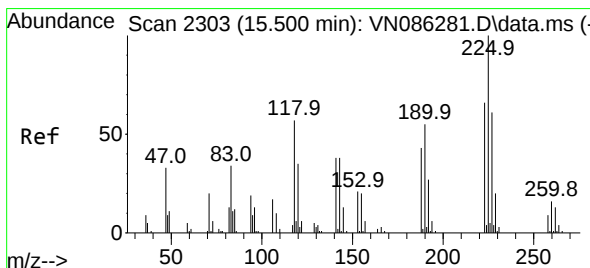
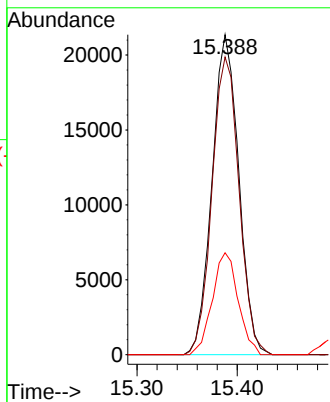
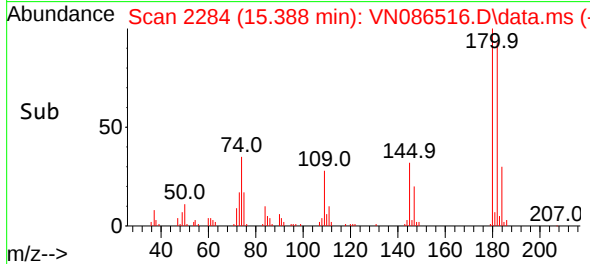
Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01



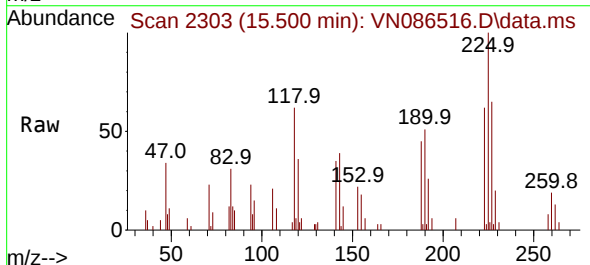
Tgt Ion:180 Resp: 3941
Ion Ratio Lower Upper
180 100
182 94.4 47.0 141.0
145 30.9 16.4 49.1

Manual Integrations
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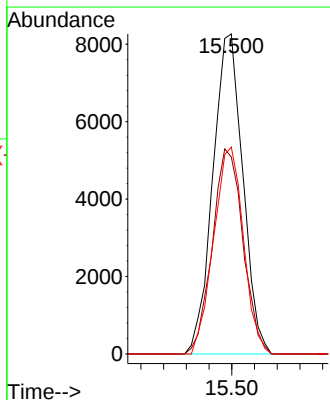
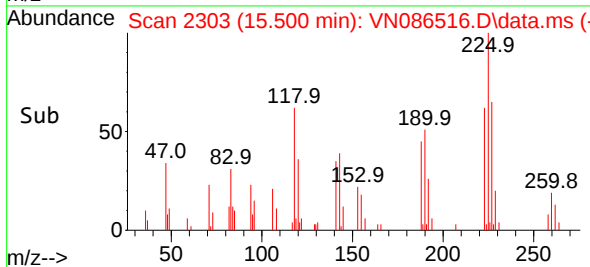
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

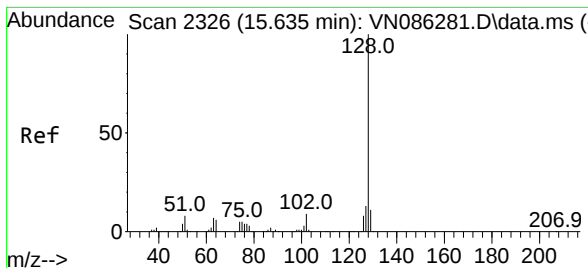


#94
Hexachlorobutadiene
Concen: 18.959 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47



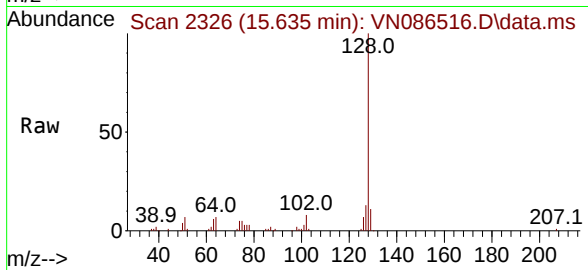
Tgt Ion:225 Resp: 15152
Ion Ratio Lower Upper
225 100
223 65.4 32.8 98.3
227 64.2 31.4 94.0





#95
Naphthalene
Concen: 17.932 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47

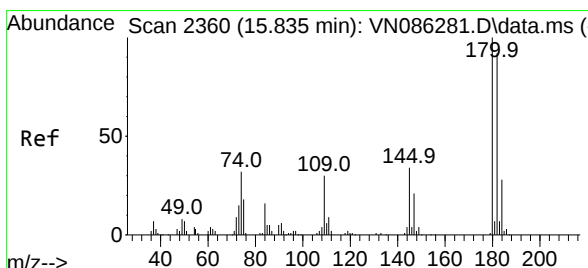
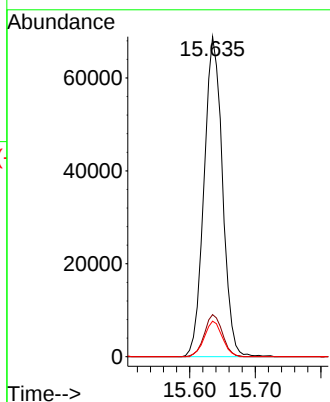
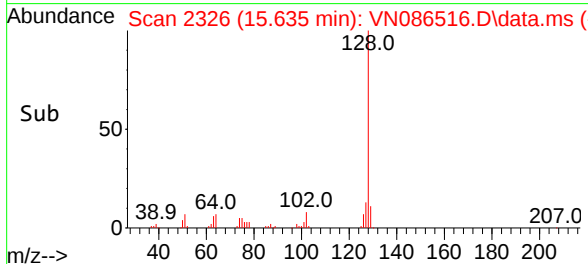
Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01



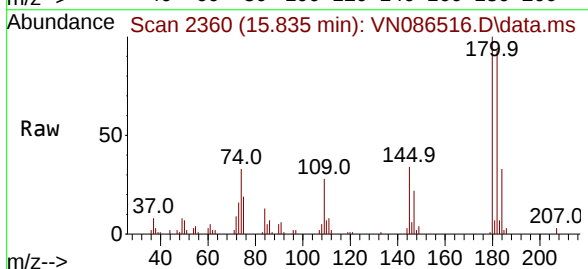
Tgt Ion:128 Resp: 134580
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.587 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086516.D
Acq: 06 May 2025 15:47



Tgt Ion:180 Resp: 37256
Ion Ratio Lower Upper
180 100
182 95.4 47.3 142.0
145 33.8 17.2 51.5

