

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051425\
 Data File : VN086619.D
 Acq On : 14 May 2025 11:58
 Operator : JC\MD
 Sample : VN0514MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0514MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/15/2025
 Supervised By : Mahesh Dadoda 05/15/2025

Quant Time: May 15 03:00:19 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	8.218	168	176092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	316437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	286258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	130977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121123	47.434	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.860%		
35) Dibromofluoromethane	8.165	113	93557	63.704	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	127.400%#		
50) Toluene-d8	10.565	98	386084	49.189	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.380%		
62) 4-Bromofluorobenzene	12.847	95	139130	48.598	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	45863	21.971	ug/l	95
3) Chloromethane	2.359	50	61001	20.107	ug/l	98
4) Vinyl Chloride	2.512	62	57725	19.939	ug/l	95
5) Bromomethane	2.954	94	33047	25.377	ug/l	98
6) Chloroethane	3.118	64	37807	19.512	ug/l	96
7) Trichlorofluoromethane	3.501	101	67088	20.920	ug/l	97
8) Diethyl Ether	3.959	74	26988	19.278	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	40045	20.642	ug/l	97
10) Methyl Iodide	4.589	142	46250	21.685	ug/l	99
11) Tert butyl alcohol	5.518	59	42914	92.109	ug/l	100
12) 1,1-Dichloroethene	4.342	96	40578	19.578	ug/l	97
13) Acrolein	4.183	56	22630	94.798	ug/l	97
14) Allyl chloride	5.024	41	65964m	17.904	ug/l	
15) Acrylonitrile	5.712	53	111628	96.921	ug/l	100
16) Acetone	4.424	43	88539	96.790	ug/l	99
17) Carbon Disulfide	4.712	76	110043	17.732	ug/l	99
18) Methyl Acetate	5.018	43	51261	16.724	ug/l	97
19) Methyl tert-butyl Ether	5.795	73	140524	18.445	ug/l	97
20) Methylene Chloride	5.277	84	49118	20.807	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	43935	20.276	ug/l	88
22) Diisopropyl ether	6.671	45	142855	17.824	ug/l	97
23) Vinyl Acetate	6.600	43	524515	93.616	ug/l	98
24) 1,1-Dichloroethane	6.565	63	82683	19.552	ug/l	98
25) 2-Butanone	7.483	43	144651	91.009	ug/l	99
26) 2,2-Dichloropropane	7.489	77	72180	19.063	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	53594	19.928	ug/l	96
28) Bromochloromethane	7.818	49	35301	19.687	ug/l	91
29) Tetrahydrofuran	7.841	42	92606	87.130	ug/l	96
30) Chloroform	7.965	83	85111	20.488	ug/l	95
31) Cyclohexane	8.259	56	74175	17.925	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	72004	20.261	ug/l	97
36) 1,1-Dichloropropene	8.371	75	59349	20.233	ug/l	99
37) Ethyl Acetate	7.559	43	58845	19.055	ug/l	99
38) Carbon Tetrachloride	8.359	117	60502	21.658	ug/l	99
39) Methylcyclohexane	9.594	83	65109	18.674	ug/l	98
40) Benzene	8.606	78	195065	20.755	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	30959	17.297	ug/l	93
42) 1,2-Dichloroethane	8.665	62	61764	20.608	ug/l	99
43) Isopropyl Acetate	8.683	43	109857	18.382	ug/l	100
44) Trichloroethene	9.347	130	46720	20.974	ug/l	95
45) 1,2-Dichloropropane	9.618	63	46006	19.998	ug/l	99
46) Dibromomethane	9.706	93	31992	21.826	ug/l	97
47) Bromodichloromethane	9.883	83	65287	20.622	ug/l	100
48) Methyl methacrylate	9.677	41	47188	17.400	ug/l	96
49) 1,4-Dioxane	9.694	88	19351	419.487	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	302630	95.698	ug/l	99
52) Toluene	10.630	92	122481	20.886	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	70701	20.006	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	75430	19.433	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	45202	21.424	ug/l	98
56) Ethyl methacrylate	10.871	69	73252	18.888	ug/l	99
57) 1,3-Dichloropropane	11.159	76	78330	20.924	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	152769	82.991	ug/l	97
59) 2-Hexanone	11.188	43	223138	95.130	ug/l	99
60) Dibromochloromethane	11.359	129	49978	21.571	ug/l	99
61) 1,2-Dibromoethane	11.465	107	46041	21.626	ug/l	99
64) Tetrachloroethene	11.100	164	47045	21.365	ug/l	99
65) Chlorobenzene	11.888	112	136463	21.361	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.953	131	44279	21.010	ug/l	100
67) Ethyl Benzene	11.959	91	233298	20.238	ug/l	99
68) m/p-Xylenes	12.065	106	178924	41.423	ug/l	97
69) o-Xylene	12.394	106	87836	20.562	ug/l	98
70) Styrene	12.406	104	147642	20.743	ug/l	99
71) Bromoform	12.576	173	32265	20.334	ug/l #	100
73) Isopropylbenzene	12.694	105	213542	19.931	ug/l	99
74) N-amyl acetate	12.488	43	91055	17.071	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	65057	21.118	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	52646m	17.033	ug/l	
77) Bromobenzene	12.976	156	51524	21.704	ug/l	94
78) n-propylbenzene	13.029	91	248262	19.664	ug/l	100
79) 2-Chlorotoluene	13.123	91	158065	20.008	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	174680	19.920	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.729	75	25872	20.103	ug/l	86
82) 4-Chlorotoluene	13.218	91	157581	20.080	ug/l	99
83) tert-Butylbenzene	13.435	119	147808	19.453	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	174838	19.587	ug/l	100
85) sec-Butylbenzene	13.612	105	206727	19.615	ug/l	99
86) p-Isopropyltoluene	13.723	119	168889	19.441	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	92845	20.805	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	91780	20.418	ug/l	99
89) n-Butylbenzene	14.053	91	142544	18.512	ug/l	99
90) Hexachloroethane	14.329	117	28614	19.582	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	87982	20.334	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11300	18.192	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	37942	18.313	ug/l	98
94) Hexachlorobutadiene	15.494	225	15213	19.452	ug/l	98
95) Naphthalene	15.635	128	125226	17.051	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	36812	18.767	ug/l	99

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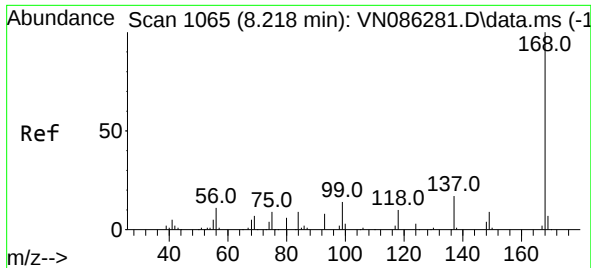
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/15/2025

Quant Time: May 15 03:00:19 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

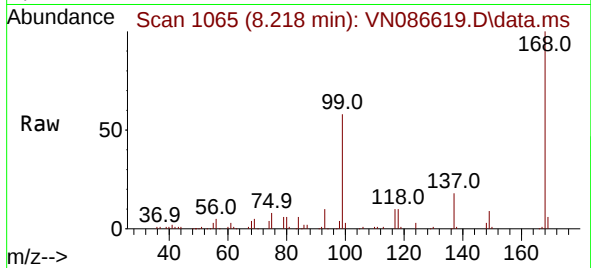
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
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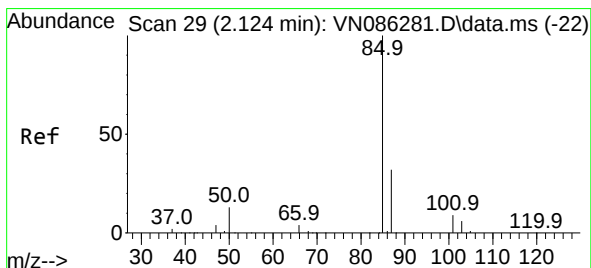
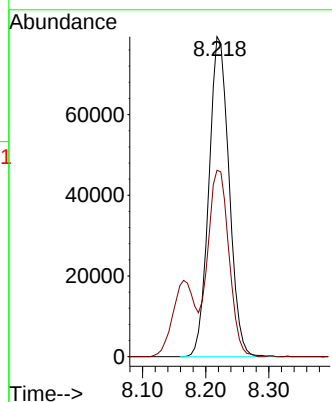
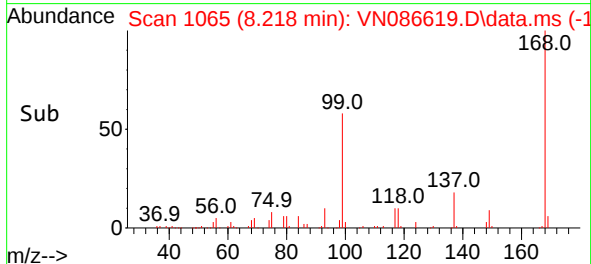
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01



Tgt Ion:168 Resp: 176092
Ion Ratio Lower Upper
168 100
99 58.3 52.5 78.7

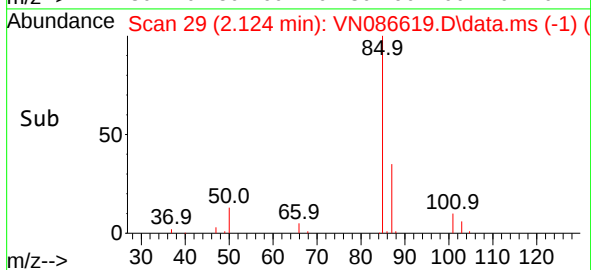
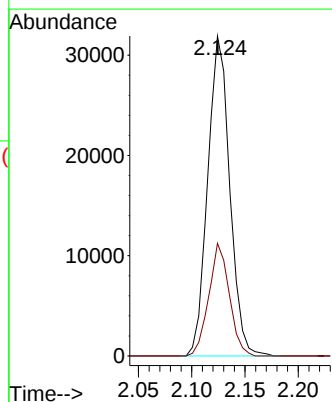
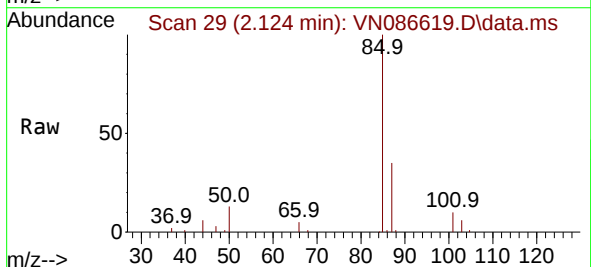
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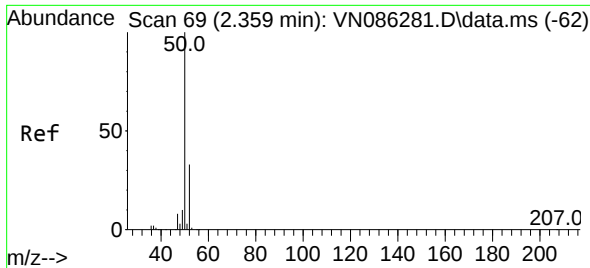
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#2
Dichlorodifluoromethane
Concen: 21.971 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

Tgt Ion: 85 Resp: 45863
Ion Ratio Lower Upper
85 100
87 35.2 16.3 48.8





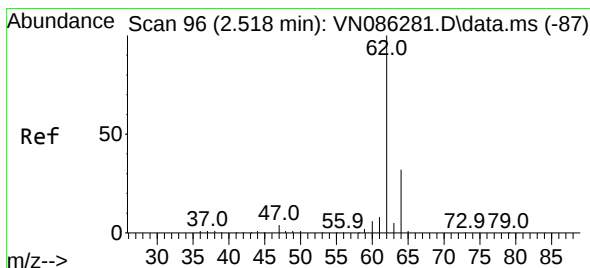
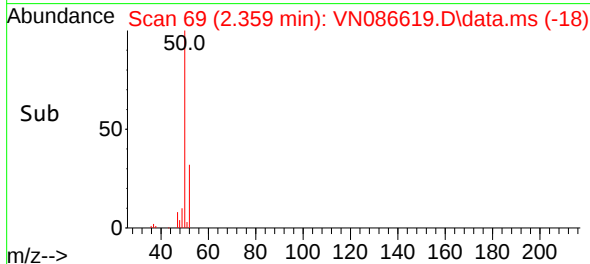
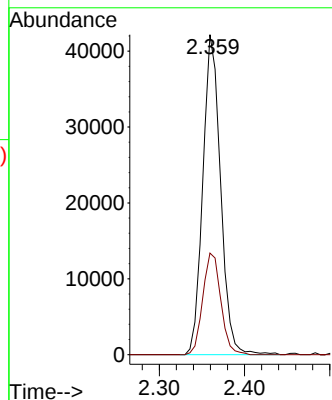
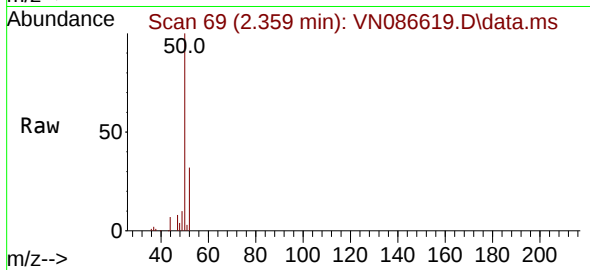
#3
Chloromethane
Concen: 20.107 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086619.D
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ClientSampleId :
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Tgt Ion: 50 Resp: 6100
Ion Ratio Lower Upper
50 100
52 31.8 26.5 39.7

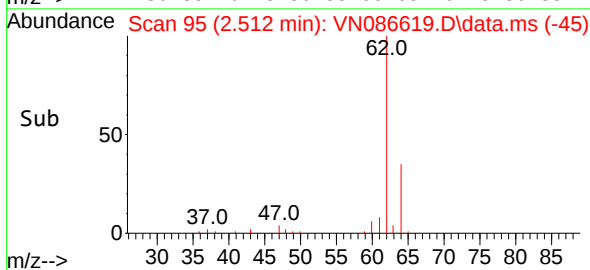
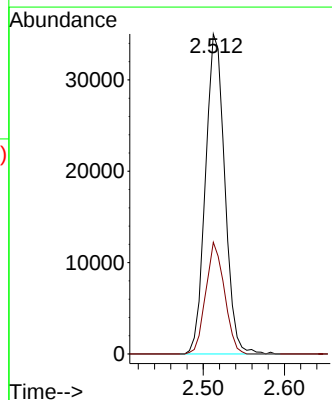
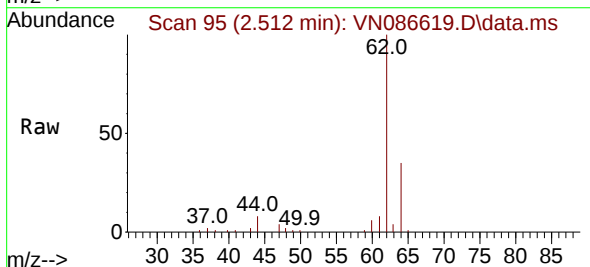
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#4
Vinyl Chloride
Concen: 19.939 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

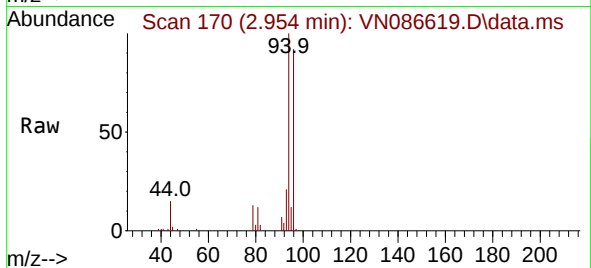
Tgt Ion: 62 Resp: 57725
Ion Ratio Lower Upper
62 100
64 34.9 25.6 38.4





#5
Bromomethane
Concen: 25.377 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

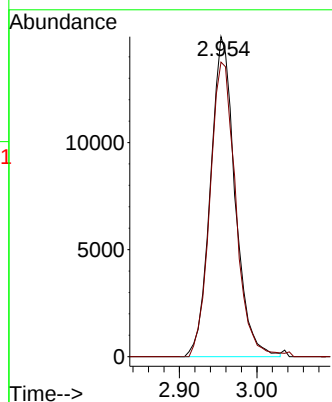
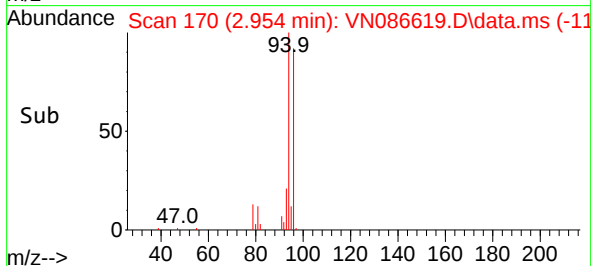
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01



Tgt Ion: 94 Resp: 3304
Ion Ratio Lower Upper
94 100
96 92.1 75.2 112.8

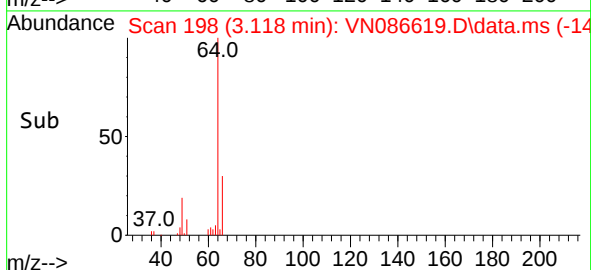
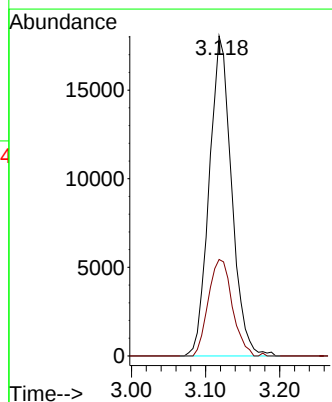
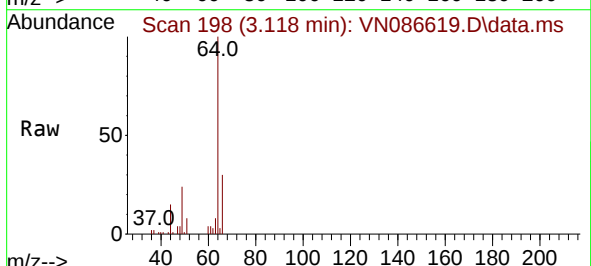
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#6
Chloroethane
Concen: 19.512 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

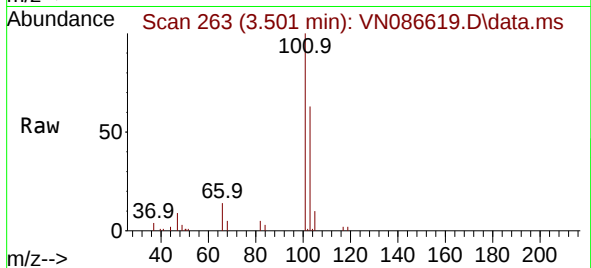
Tgt Ion: 64 Resp: 37807
Ion Ratio Lower Upper
64 100
66 30.2 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 20.920 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN086619.D
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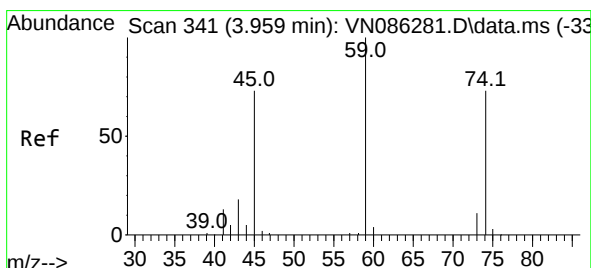
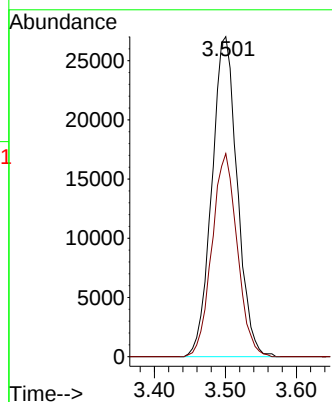
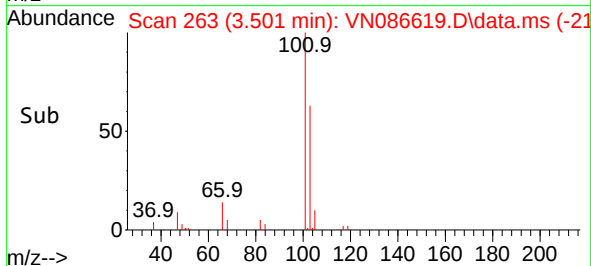
Instrument :
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Tgt Ion:101 Resp: 67088
 Ion Ratio Lower Upper
 101 100
 103 63.5 49.2 73.8

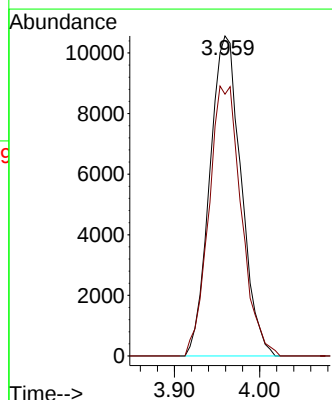
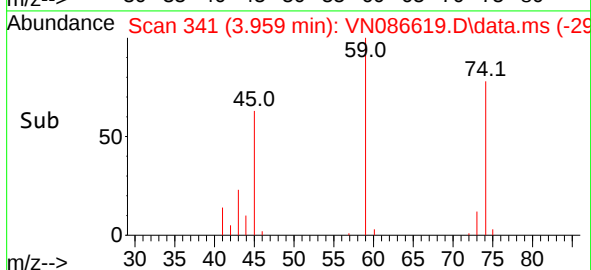
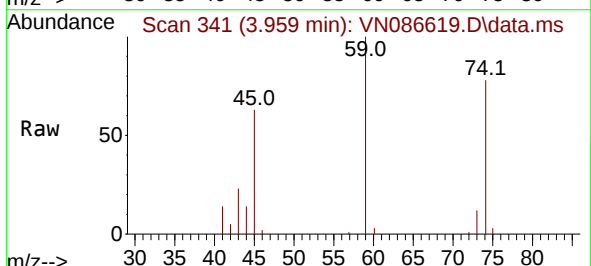
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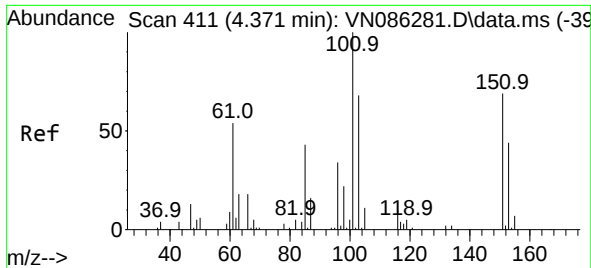
Reviewed By :John Carlone 05/15/2025
 Supervised By :Mahesh Dadoda 05/15/2025



#8
 Diethyl Ether
 Concen: 19.278 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN086619.D
 Acq: 14 May 2025 11:58

Tgt Ion: 74 Resp: 26988
 Ion Ratio Lower Upper
 74 100
 45 87.5 48.0 144.2





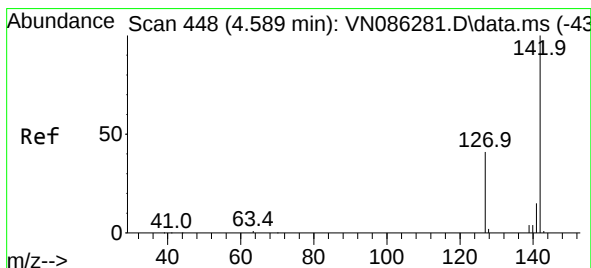
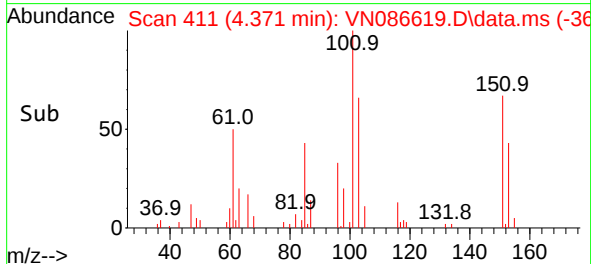
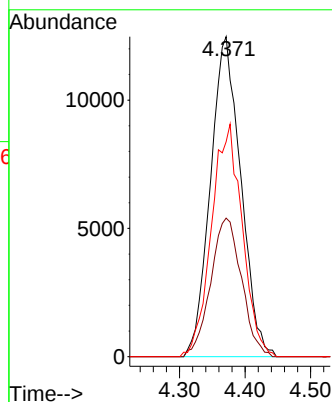
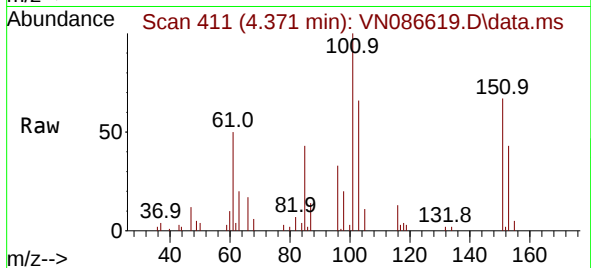
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.642 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN086619.D
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Tgt Ion:101 Resp: 4004
Ion Ratio Lower Upper
101 100
85 44.1 34.7 52.1
151 73.7 56.1 84.1

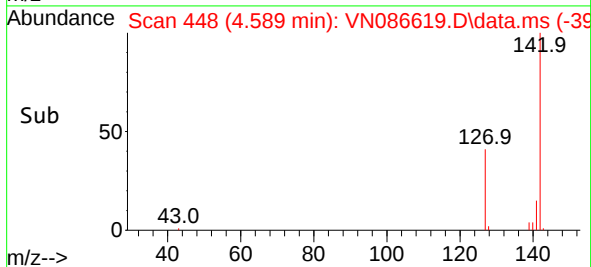
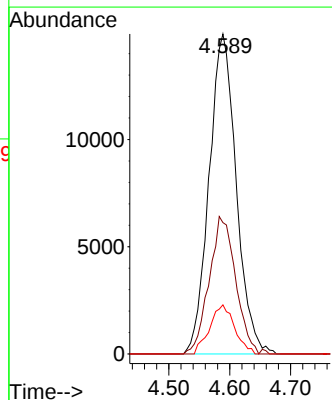
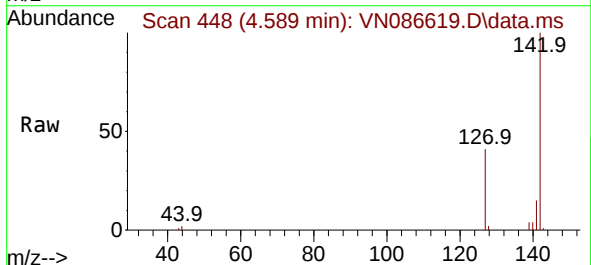
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#10
Methyl Iodide
Concen: 21.685 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

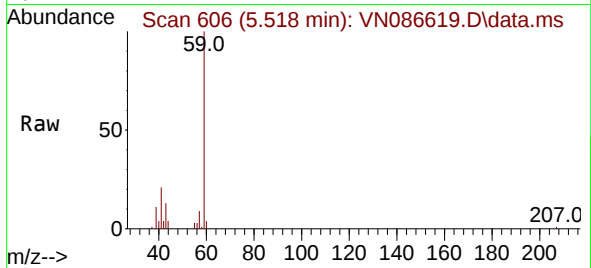
Tgt Ion:142 Resp: 46250
Ion Ratio Lower Upper
142 100
127 41.0 32.7 49.1
141 15.4 11.7 17.5





#11
Tert butyl alcohol
Concen: 92.109 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

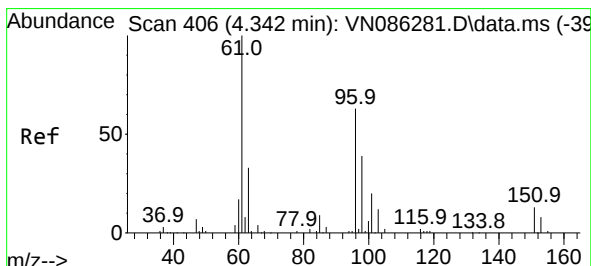
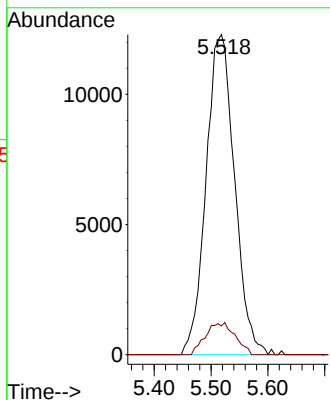
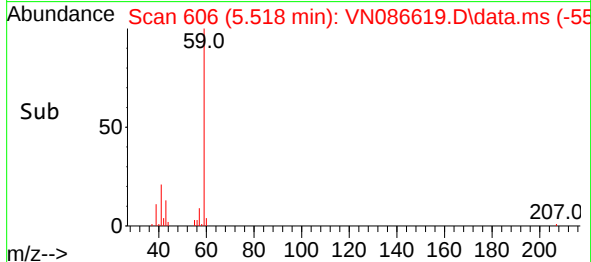
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01



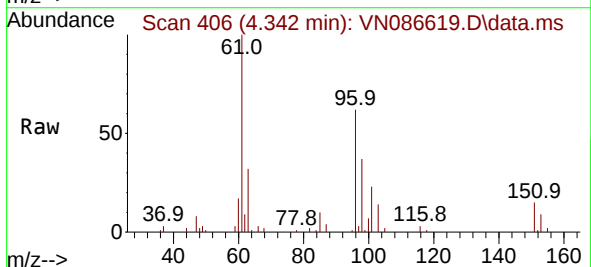
Tgt Ion: 59 Resp: 42914
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

Manual Integrations
APPROVED

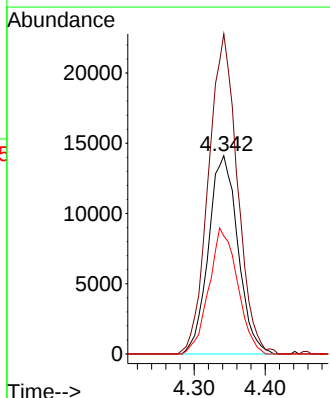
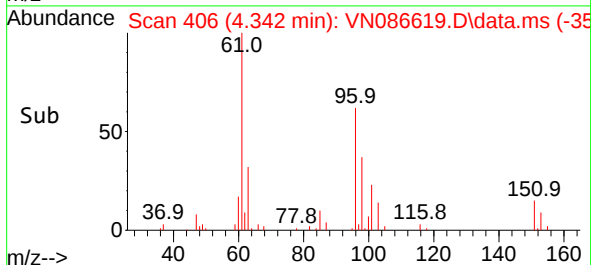
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

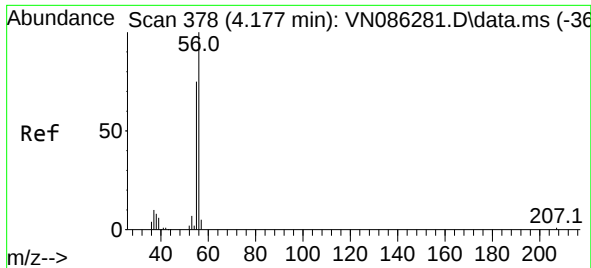


#12
1,1-Dichloroethene
Concen: 19.578 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58



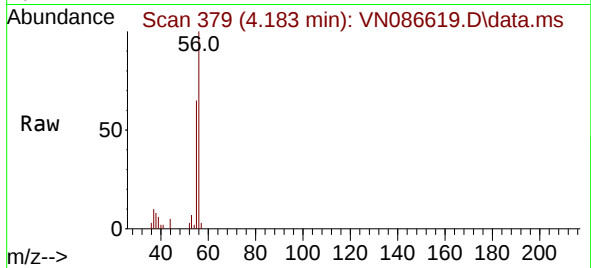
Tgt Ion: 96 Resp: 40578
Ion Ratio Lower Upper
96 100
61 161.5 126.6 189.8
98 59.5 49.6 74.4





#13
Acrolein
Concen: 94.798 ug/l
RT: 4.183 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

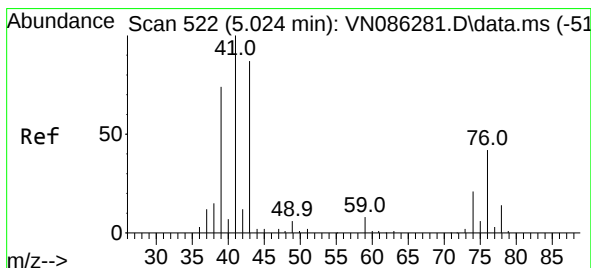
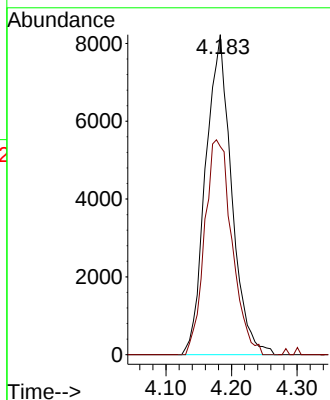
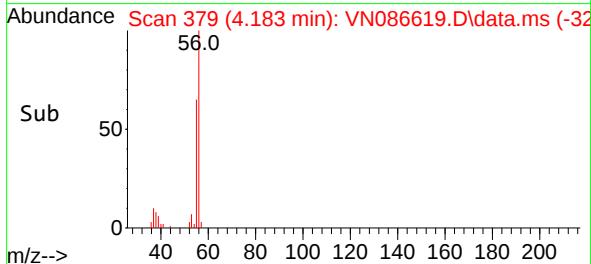
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01



Tgt Ion: 56 Resp: 22630
Ion Ratio Lower Upper
56 100
55 70.7 58.5 87.7

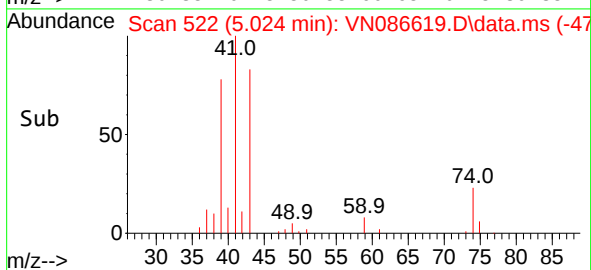
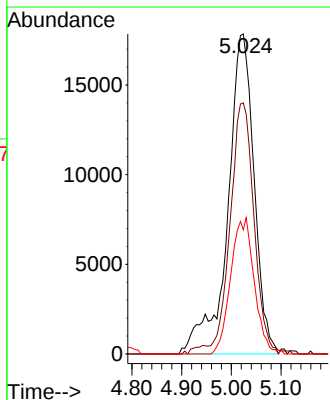
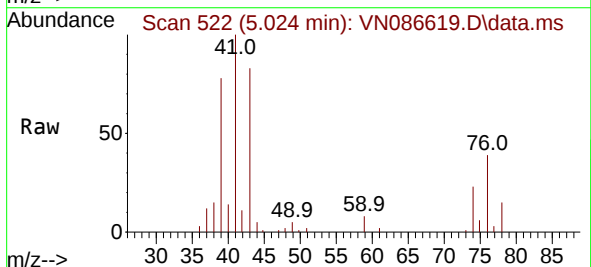
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#14
Allyl chloride
Concen: 17.904 ug/l m
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

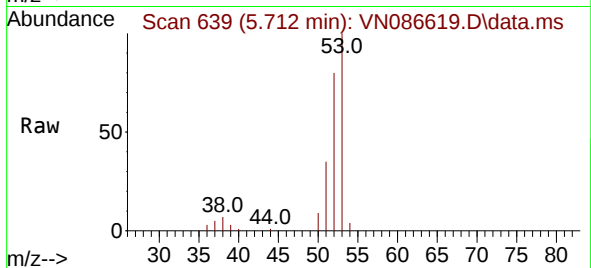
Tgt Ion: 41 Resp: 65964
Ion Ratio Lower Upper
41 100
39 71.9 59.2 88.8
76 37.8 31.2 46.8





#15
Acrylonitrile
Concen: 96.921 ug/l
RT: 5.712 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

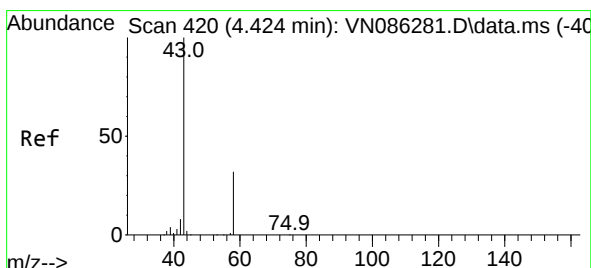
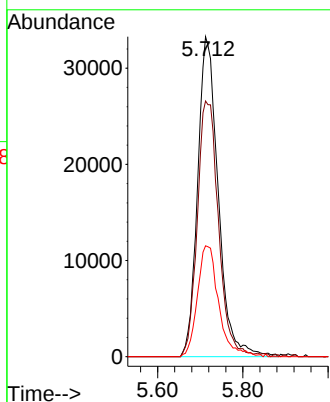
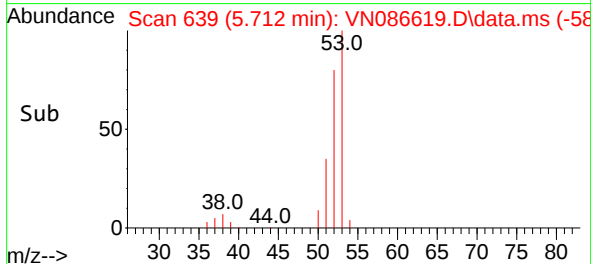
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01



Tgt Ion: 53 Resp: 111628
Ion Ratio Lower Upper
53 100
52 82.0 65.5 98.3
51 35.8 28.6 42.8

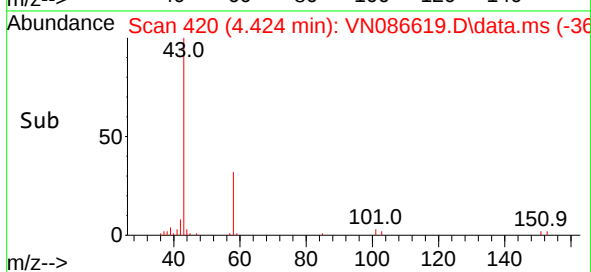
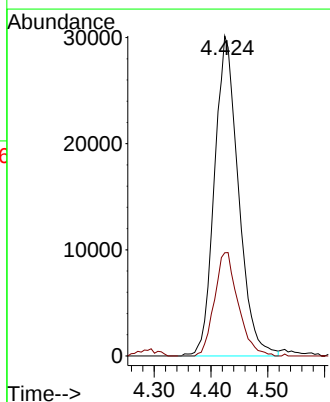
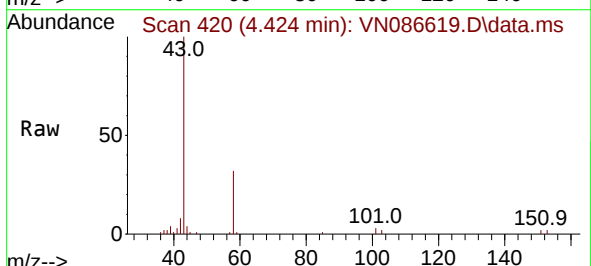
Manual Integrations
APPROVED

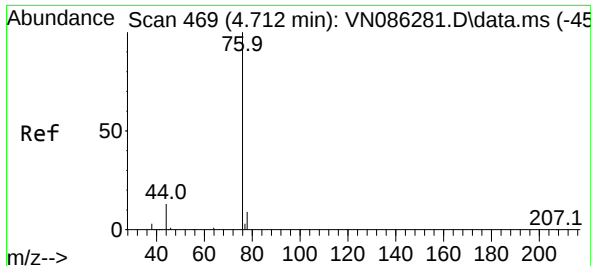
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#16
Acetone
Concen: 96.790 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

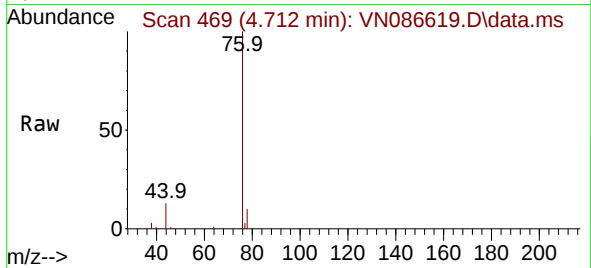
Tgt Ion: 43 Resp: 88539
Ion Ratio Lower Upper
43 100
58 32.3 25.3 37.9





#17
Carbon Disulfide
Concen: 17.732 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

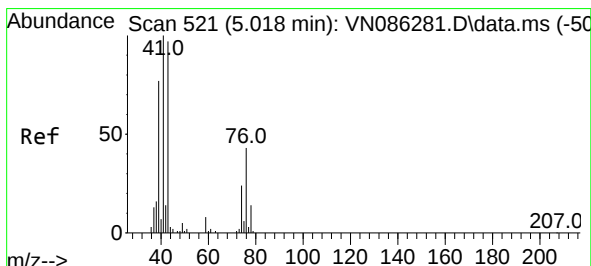
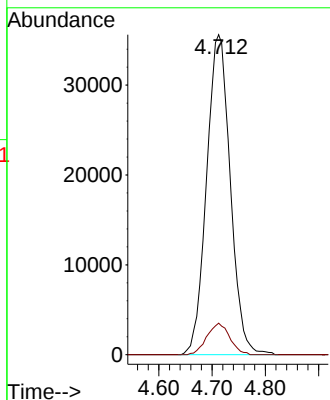
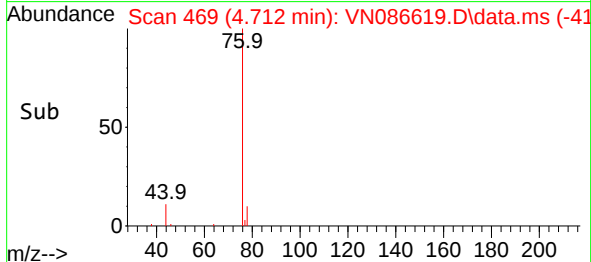
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01



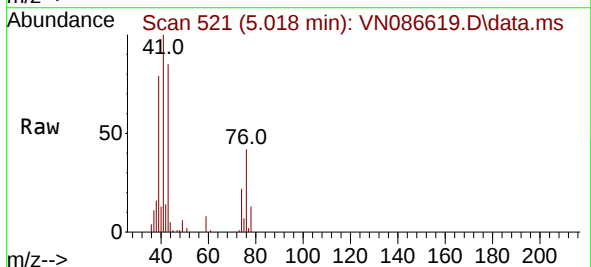
Tgt Ion: 76 Resp: 11004
Ion Ratio Lower Upper
76 100
78 9.9 7.6 11.4

Manual Integrations
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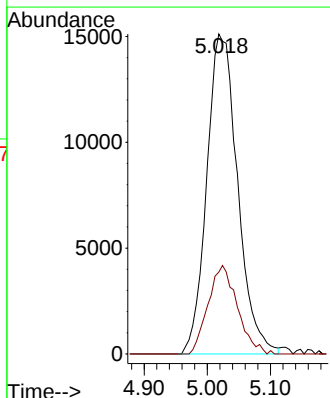
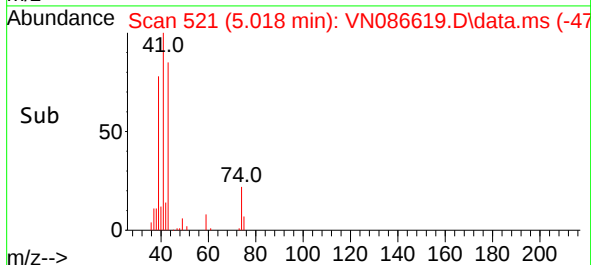
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

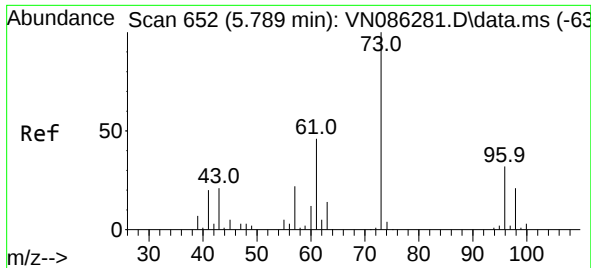


#18
Methyl Acetate
Concen: 16.724 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58



Tgt Ion: 43 Resp: 51261
Ion Ratio Lower Upper
43 100
74 26.2 19.8 29.6





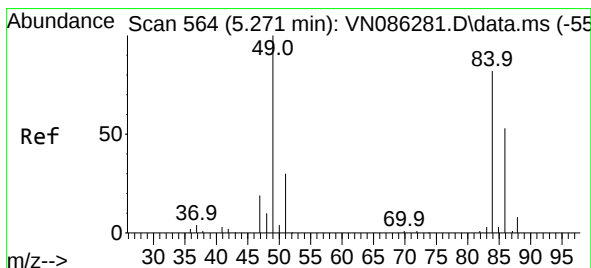
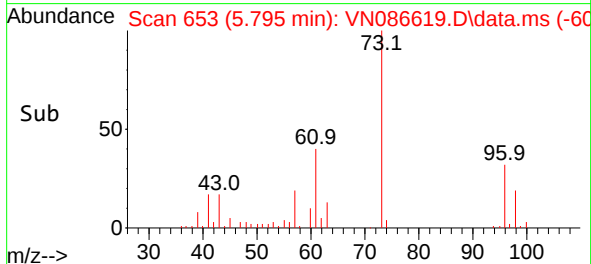
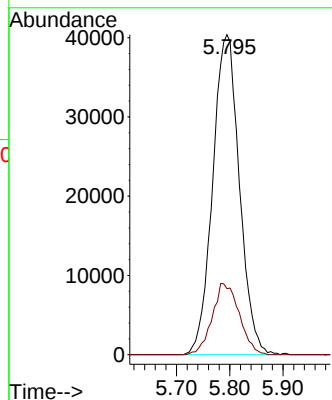
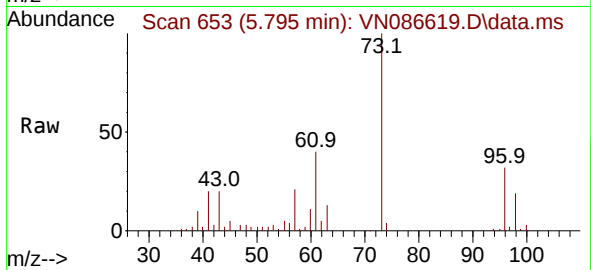
#19
Methyl tert-butyl Ether
Concen: 18.445 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01

Tgt Ion: 73 Resp: 140524
Ion Ratio Lower Upper
73 100
57 20.6 17.6 26.4

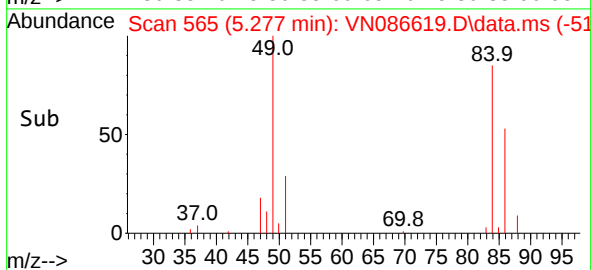
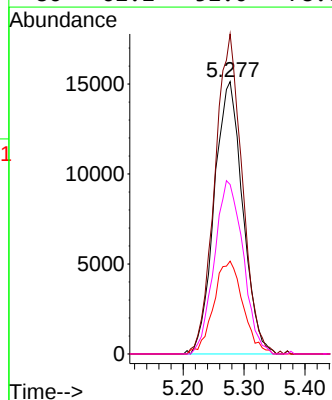
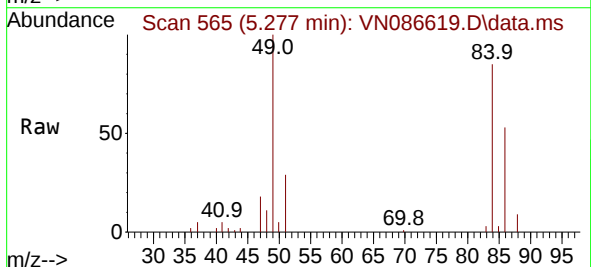
Manual Integrations
APPROVED

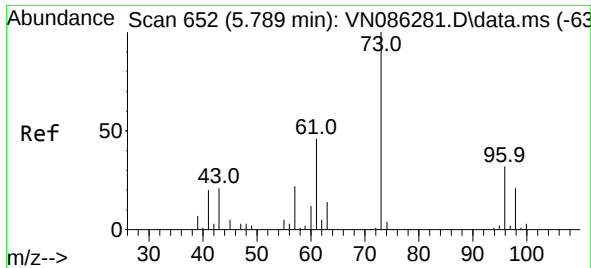
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#20
Methylene Chloride
Concen: 20.807 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

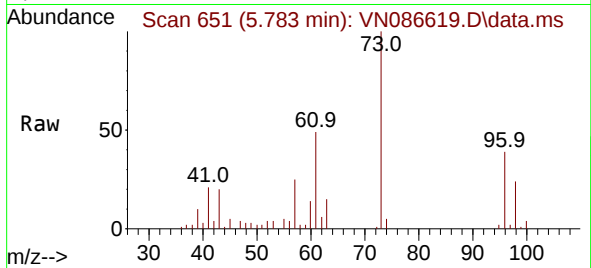
Tgt Ion: 84 Resp: 49118
Ion Ratio Lower Upper
84 100
49 117.5 98.2 147.2
51 34.1 29.8 44.6
86 62.2 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 20.276 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

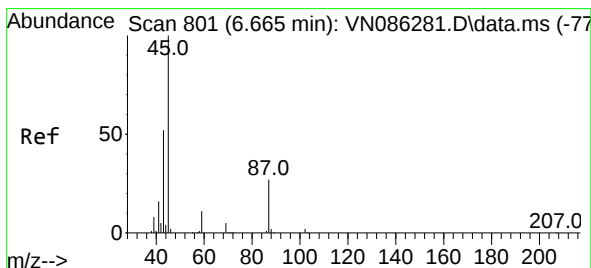
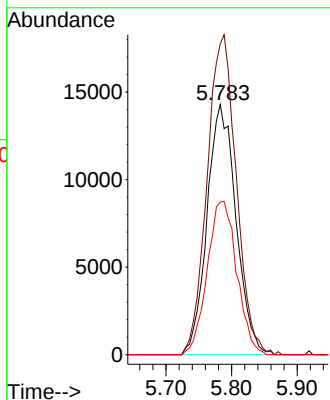
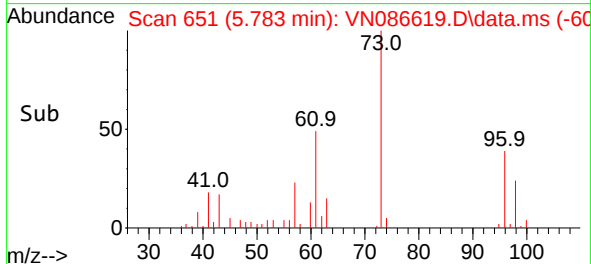
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01



Tgt Ion: 96 Resp: 43935
Ion Ratio Lower Upper
96 100
61 124.2 114.6 171.8
98 61.0 51.2 76.8

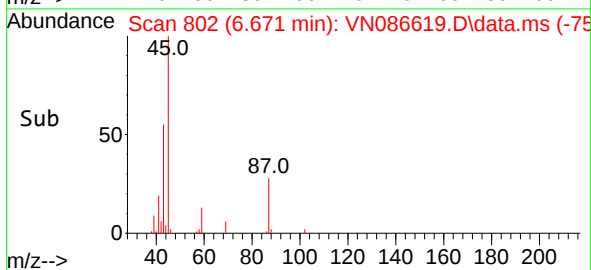
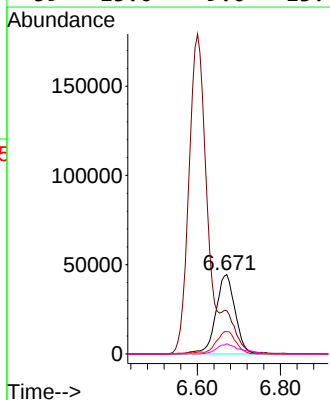
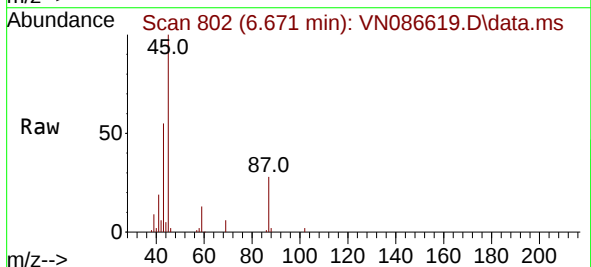
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#22
Diisopropyl ether
Concen: 17.824 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

Tgt Ion: 45 Resp: 142855
Ion Ratio Lower Upper
45 100
43 53.8 41.8 62.8
87 28.3 21.6 32.4
59 13.0 9.0 13.4





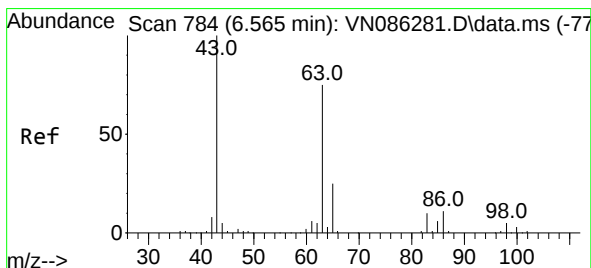
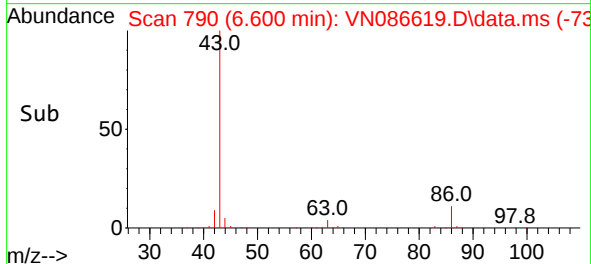
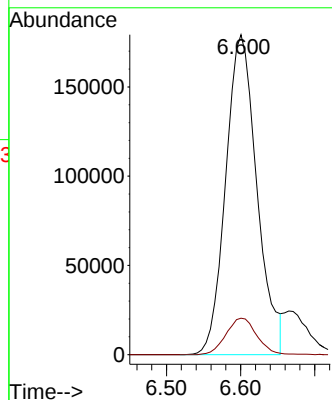
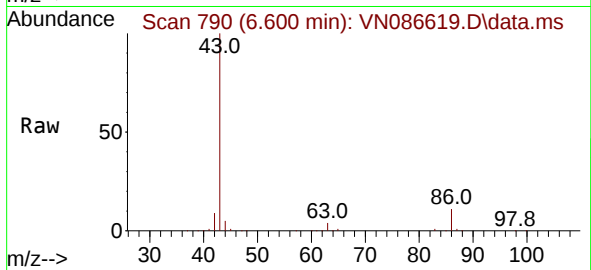
#23
 Vinyl Acetate
 Concen: 93.616 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN086619.D
 Acq: 14 May 2025 11:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0514MBS01

Tgt Ion: 43 Resp: 52451
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.6 13.0

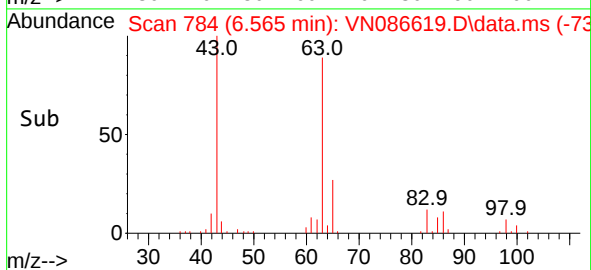
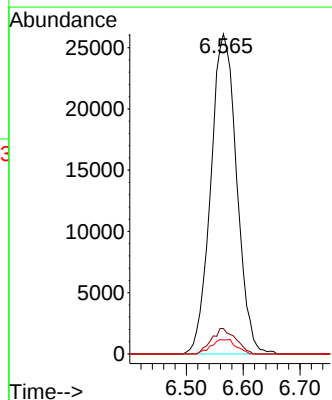
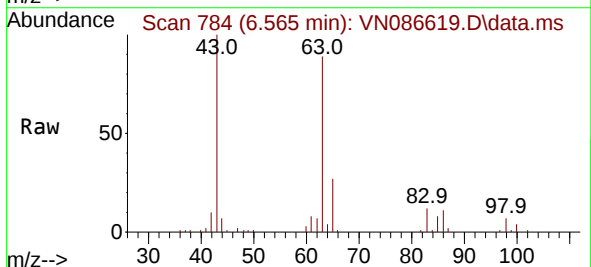
Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/15/2025
 Supervised By :Mahesh Dadoda 05/15/2025



#24
 1,1-Dichloroethane
 Concen: 19.552 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN086619.D
 Acq: 14 May 2025 11:58

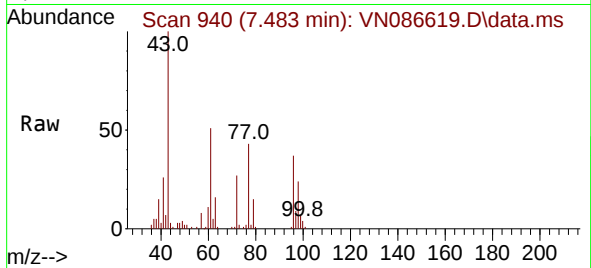
Tgt Ion: 63 Resp: 82683
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.4 10.2
 100 4.3 2.1 6.5





#25
2-Butanone
Concen: 91.009 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

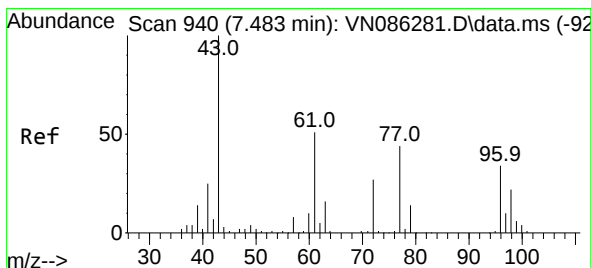
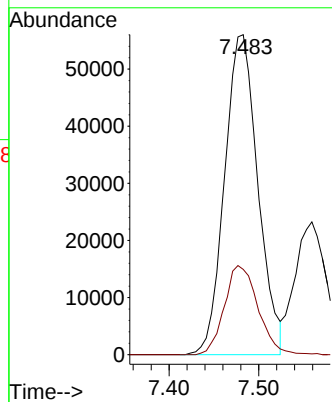
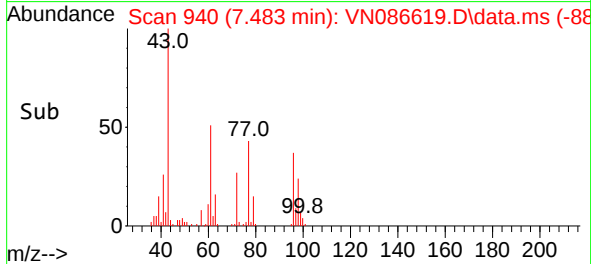
Instrument :
MSVOA_N
Client Sample Id :
VN0514MBS01



Tgt Ion: 43 Resp: 14465
Ion Ratio Lower Upper
43 100
72 26.7 21.7 32.5

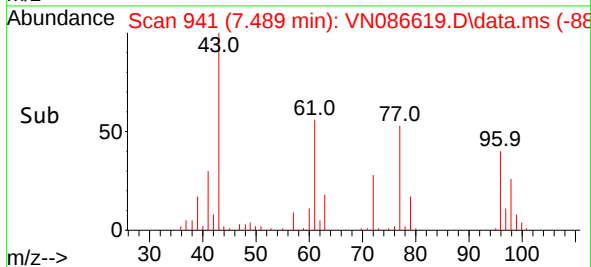
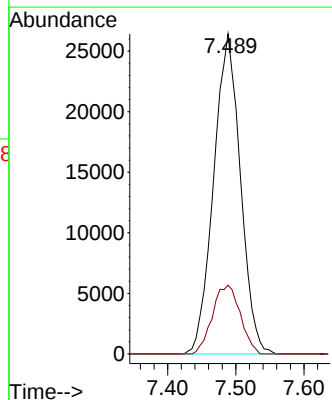
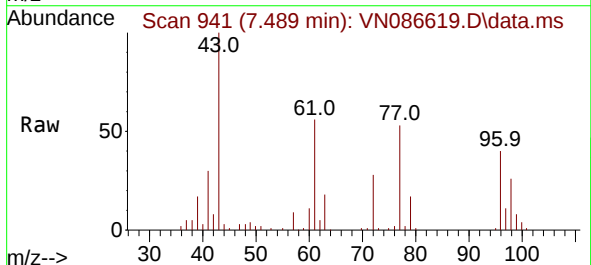
Manual Integrations
APPROVED

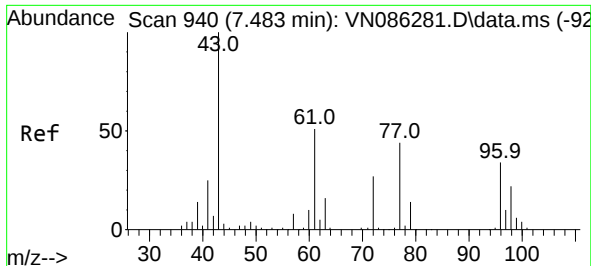
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#26
2,2-Dichloropropane
Concen: 19.063 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

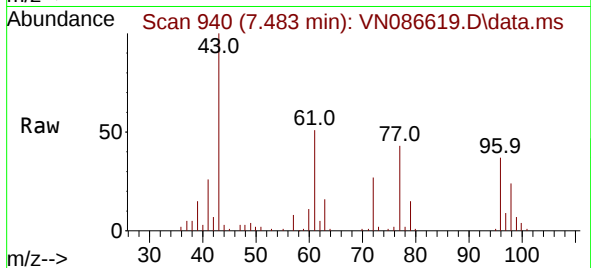
Tgt Ion: 77 Resp: 72180
Ion Ratio Lower Upper
77 100
97 22.3 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 19.928 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN086619.D
 Acq: 14 May 2025 11:58

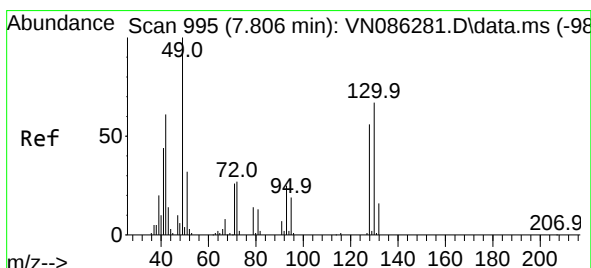
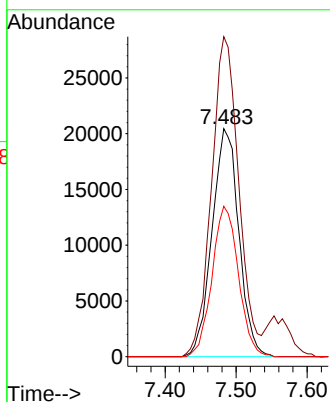
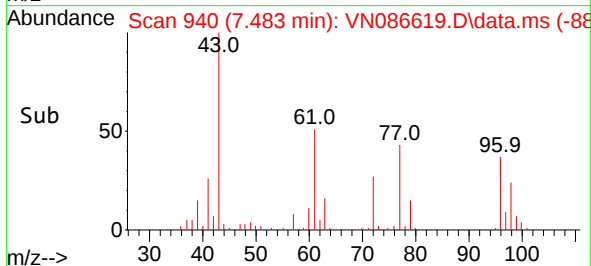
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0514MBS01



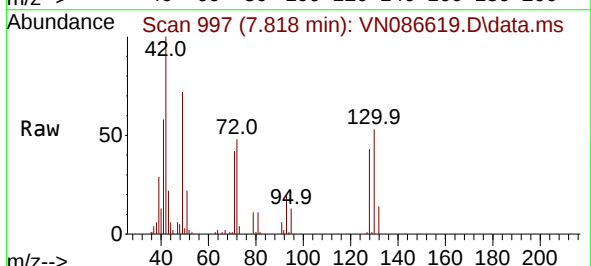
Tgt Ion: 96 Resp: 53594
 Ion Ratio Lower Upper
 96 100
 61 142.7 0.0 299.0
 98 65.0 0.0 129.6

Manual Integrations
 APPROVED

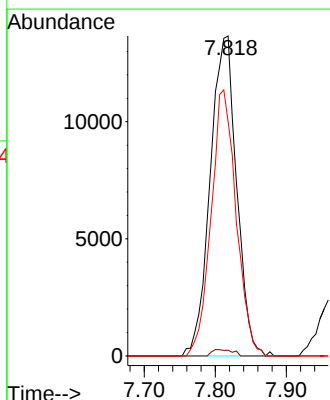
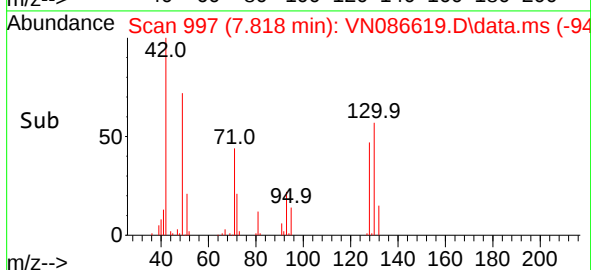
Reviewed By :John Carlone 05/15/2025
 Supervised By :Mahesh Dadoda 05/15/2025



#28
 Bromochloromethane
 Concen: 19.687 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.012 min
 Lab File: VN086619.D
 Acq: 14 May 2025 11:58



Tgt Ion: 49 Resp: 35301
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.4
 130 78.8 57.1 85.7





#29

Tetrahydrofuran

Concen: 87.130 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN086619.D

Acq: 14 May 2025 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN0514MBS01

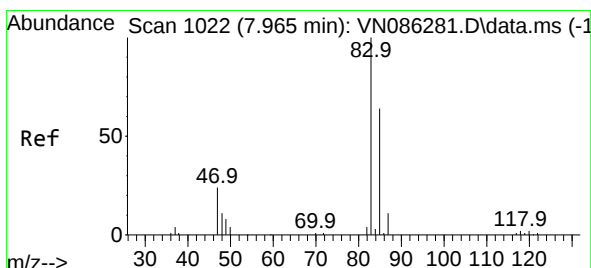
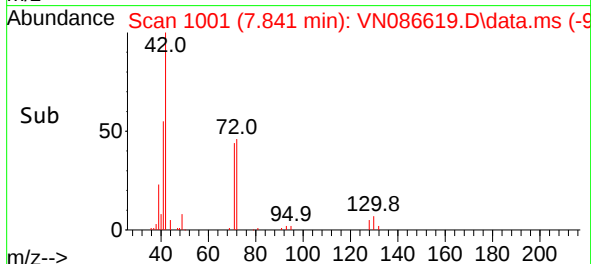
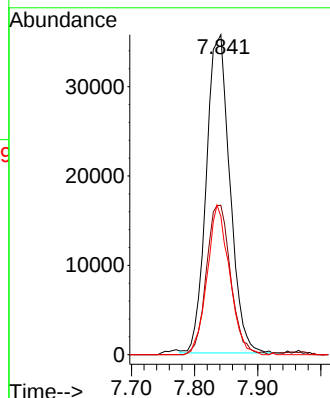
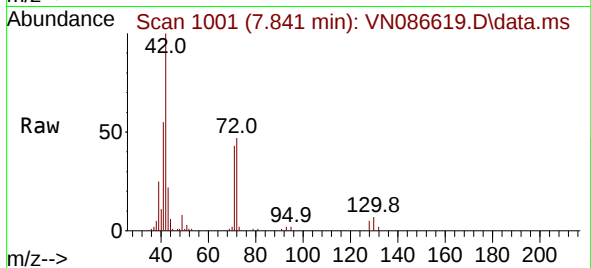
Tgt Ion:	42	Resp:	92600
Ion Ratio	Lower	Upper	
42	100		
72	48.2	36.2	54.4
71	44.5	34.0	51.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2025

Supervised By :Mahesh Dadoda 05/15/2025



#30

Chloroform

Concen: 20.488 ug/l

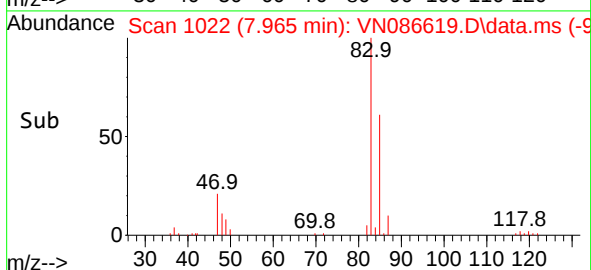
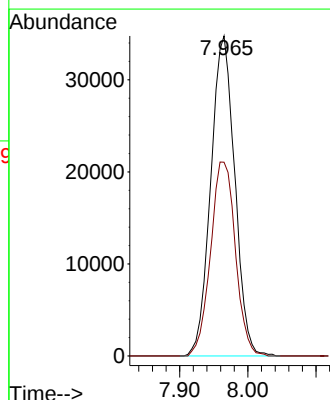
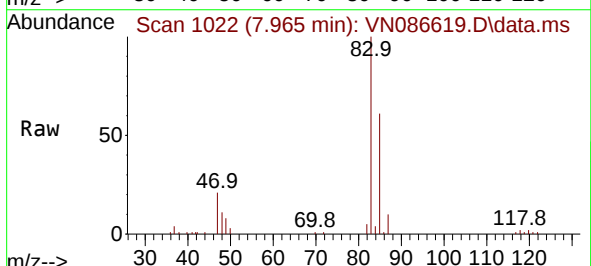
RT: 7.965 min Scan# 1022

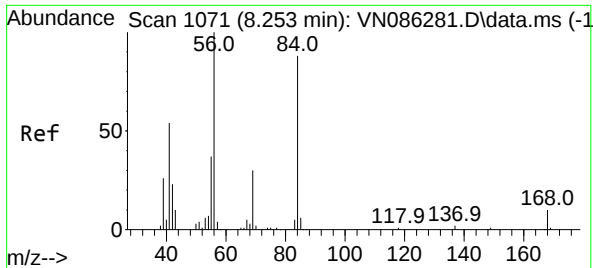
Delta R.T. 0.000 min

Lab File: VN086619.D

Acq: 14 May 2025 11:58

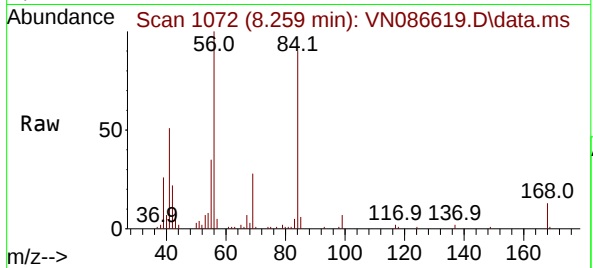
Tgt Ion:	83	Resp:	85111
Ion Ratio	Lower	Upper	
83	100		
85	60.6	51.5	77.3





#31
Cyclohexane
Concen: 17.925 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

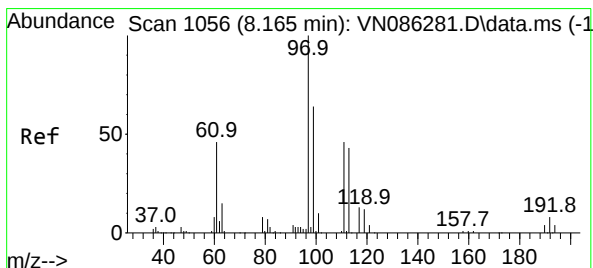
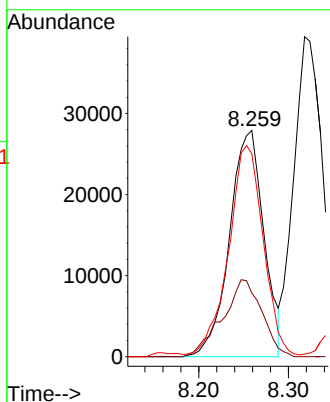
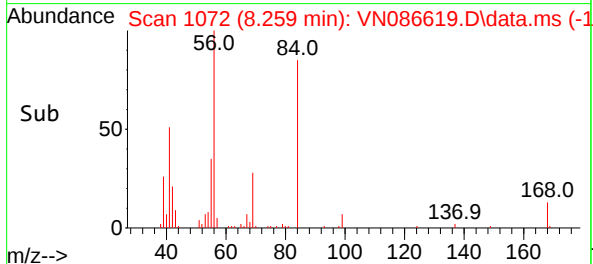
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01



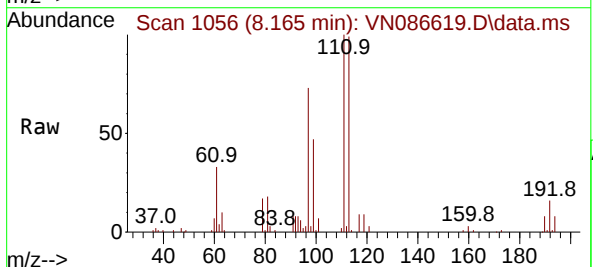
Tgt Ion: 56 Resp: 7417
Ion Ratio Lower Upper
56 100
69 28.2 24.2 36.2
84 88.3 70.3 105.5

Manual Integrations
APPROVED

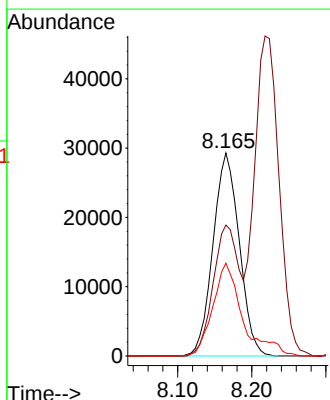
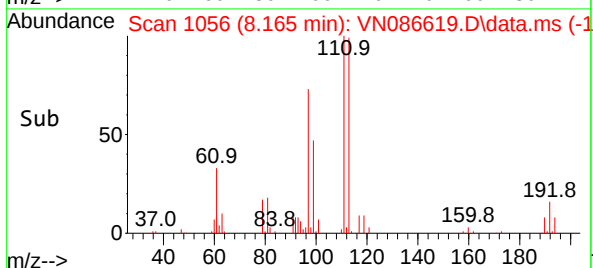
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#32
1,1,1-Trichloroethane
Concen: 20.261 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58



Tgt Ion: 97 Resp: 72004
Ion Ratio Lower Upper
97 100
99 64.0 52.7 79.1
61 51.9 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 47.434 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086619.D

Acq: 14 May 2025 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN0514MBS01

Tgt Ion: 65 Resp: 12112

Ion Ratio Lower Upper

65 100

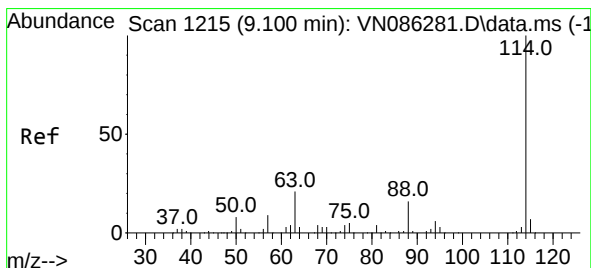
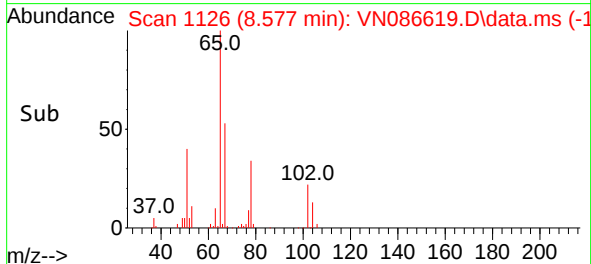
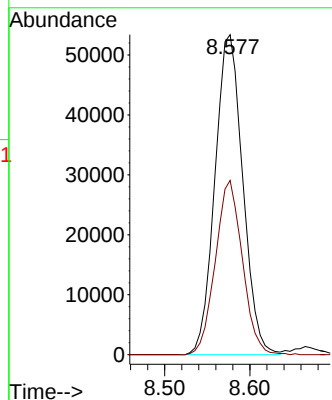
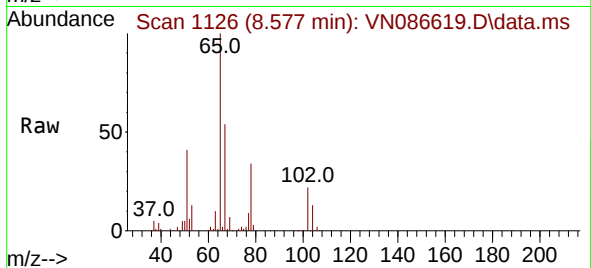
67 52.9 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2025

Supervised By :Mahesh Dadoda 05/15/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086619.D

Acq: 14 May 2025 11:58

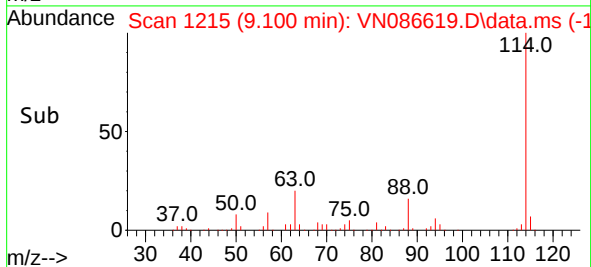
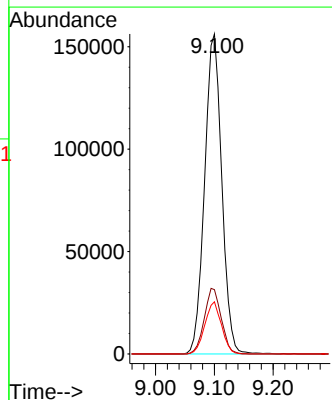
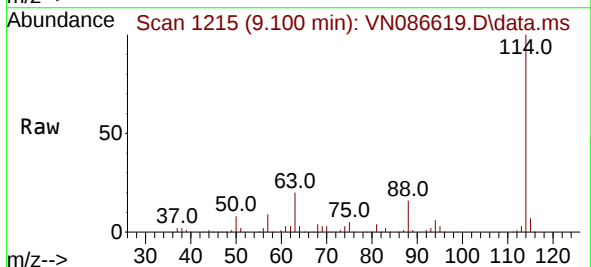
Tgt Ion:114 Resp: 316437

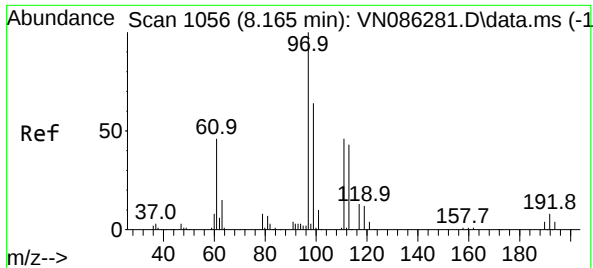
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

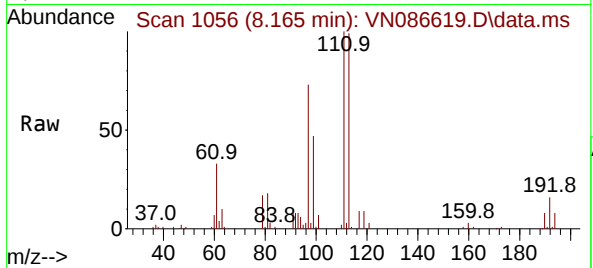
88 16.3 0.0 31.8





#35
Dibromofluoromethane
Concen: 63.704 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

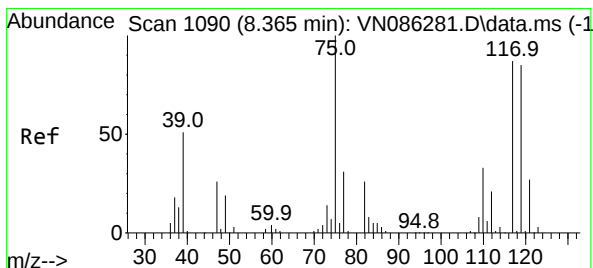
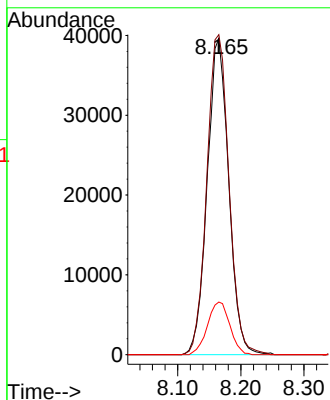
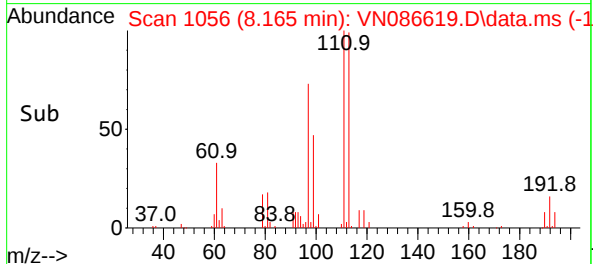
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01



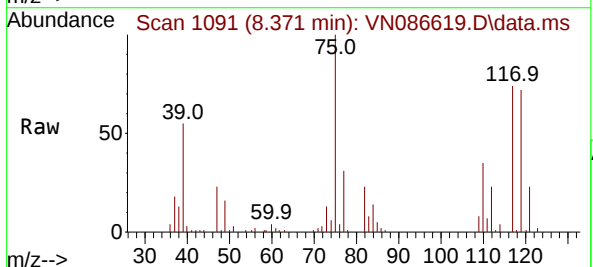
Tgt Ion: 113 Resp: 9355
Ion Ratio Lower Upper
113 100
111 104.3 83.4 125.0
192 17.3 13.7 20.5

Manual Integrations
APPROVED

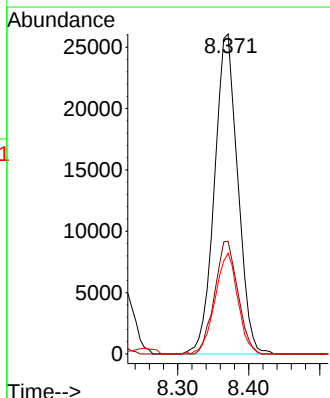
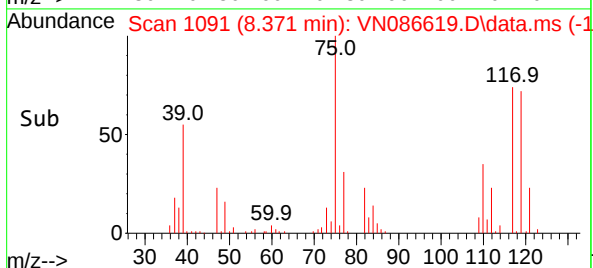
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

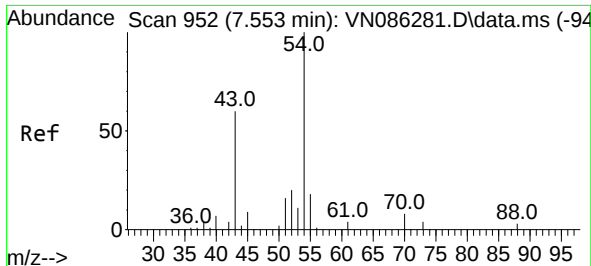


#36
1,1-Dichloropropene
Concen: 20.233 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58



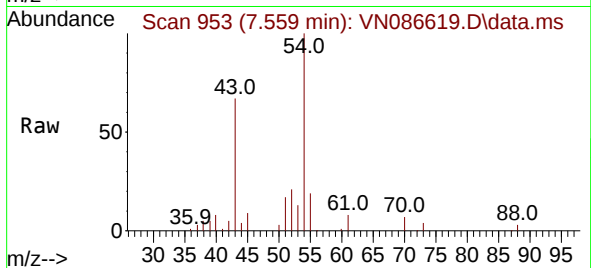
Tgt Ion: 75 Resp: 59349
Ion Ratio Lower Upper
75 100
110 34.9 16.8 50.4
77 30.9 24.9 37.3





#37
Ethyl Acetate
Concen: 19.055 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

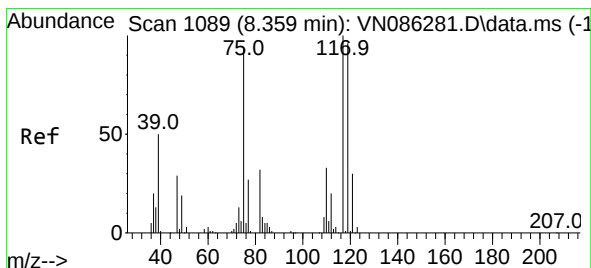
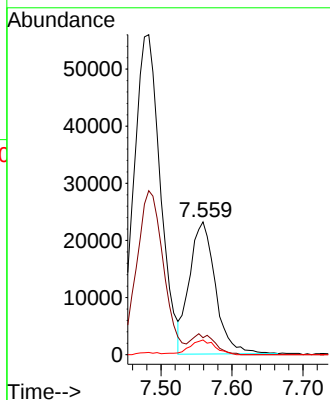
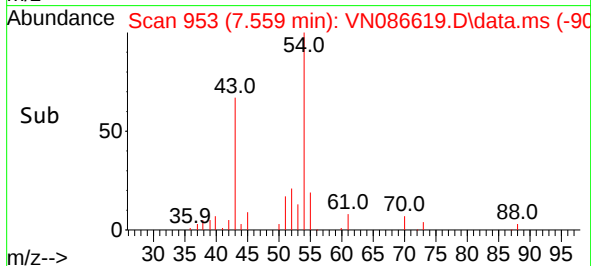
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01



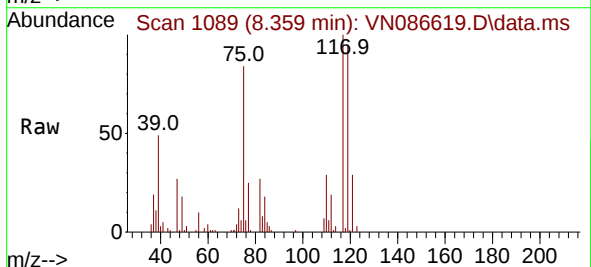
Tgt Ion: 43 Resp: 5884
Ion Ratio Lower Upper
43 100
61 14.0 11.1 16.7
70 11.0 9.2 13.8

Manual Integrations
APPROVED

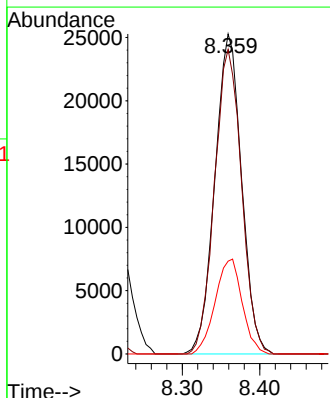
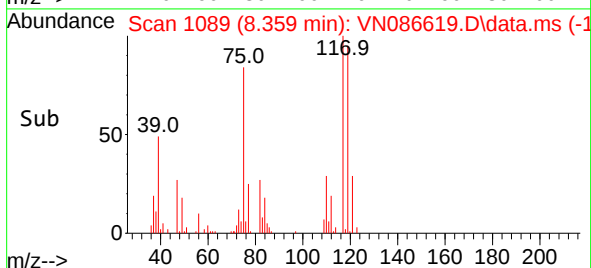
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

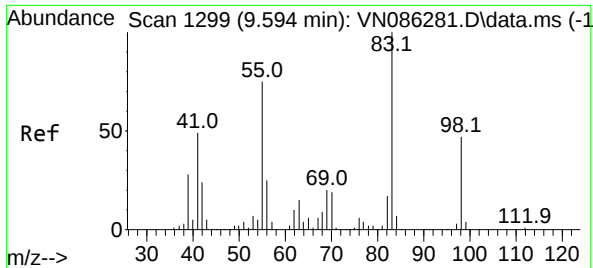


#38
Carbon Tetrachloride
Concen: 21.658 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58



Tgt Ion:117 Resp: 60502
Ion Ratio Lower Upper
117 100
119 95.2 76.8 115.2
121 29.0 23.8 35.8





#39

Methylcyclohexane

Concen: 18.674 ug/l

RT: 9.594 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN086619.D

Acq: 14 May 2025 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN0514MBS01

Tgt Ion: 83 Resp: 65109

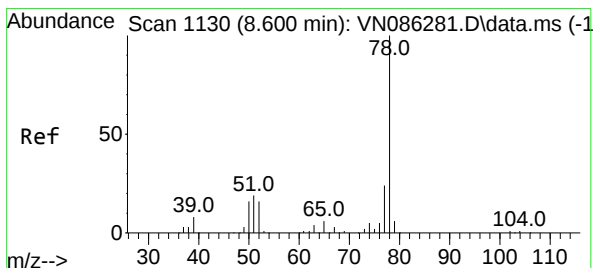
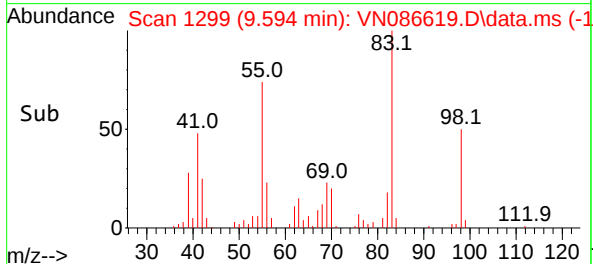
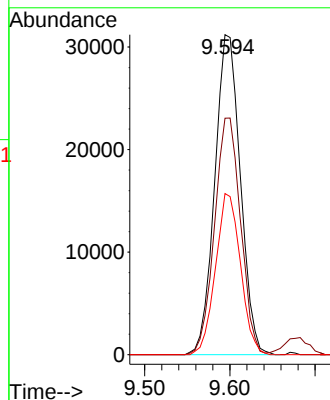
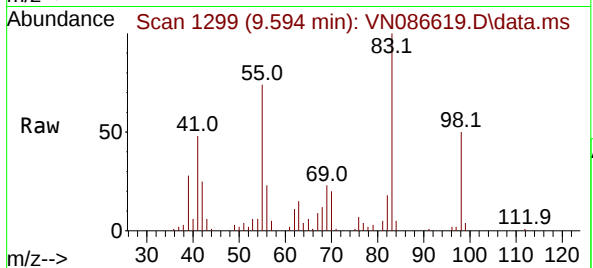
Ion	Ratio	Lower	Upper
83	100		
55	73.9	59.8	89.8
98	50.4	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2025

Supervised By :Mahesh Dadoda 05/15/2025



#40

Benzene

Concen: 20.755 ug/l

RT: 8.606 min Scan# 1131

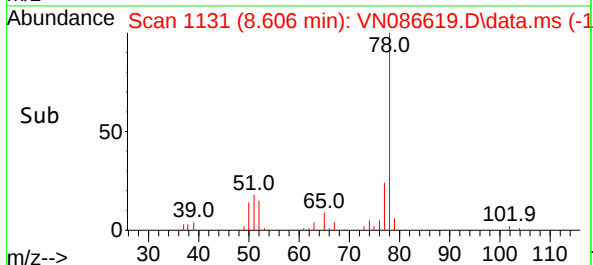
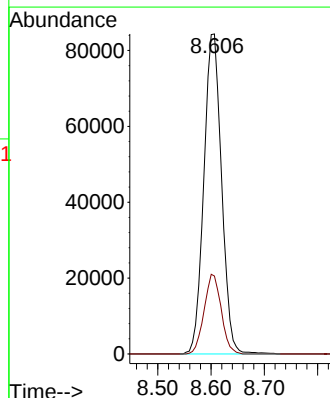
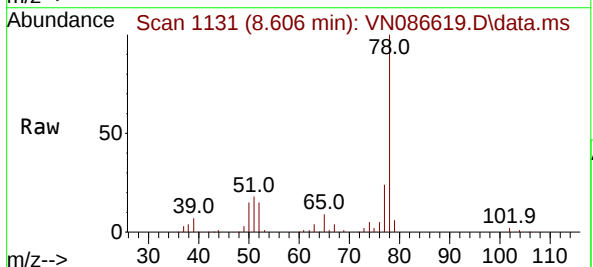
Delta R.T. 0.006 min

Lab File: VN086619.D

Acq: 14 May 2025 11:58

Tgt Ion: 78 Resp: 195065

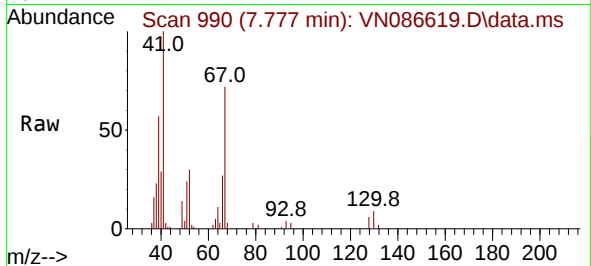
Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.4	29.2





#41
Methacrylonitrile
Concen: 17.297 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

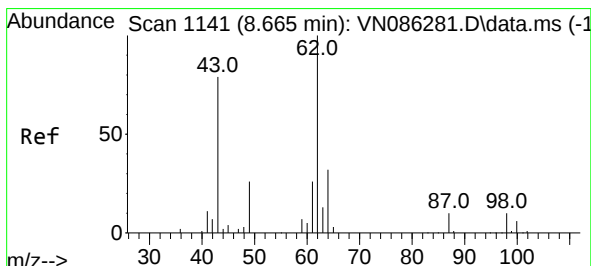
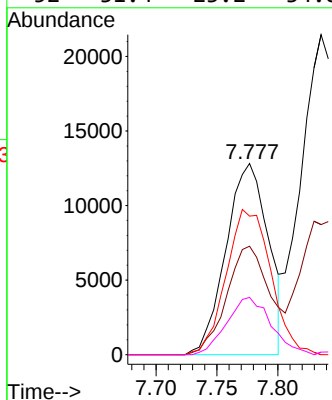
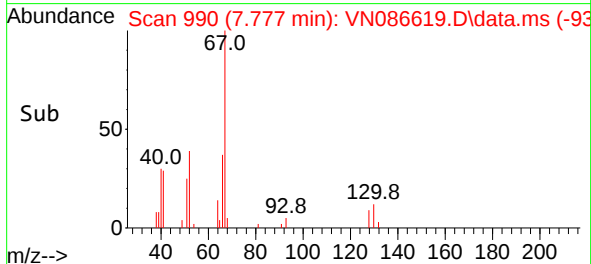
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01



Tgt Ion:	41	Resp:	3095
Ion Ratio	Lower	Upper	
41	100		
39	59.0	43.0	64.4
67	80.3	58.8	88.2
52	31.4	23.2	34.8

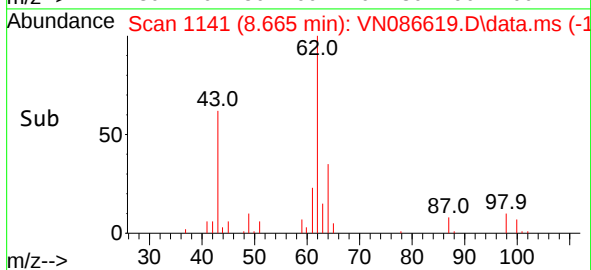
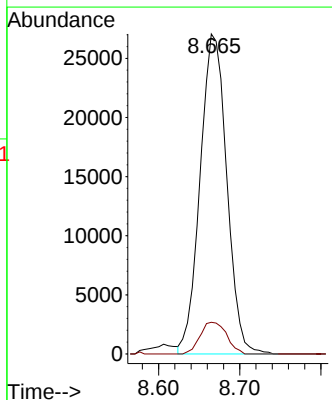
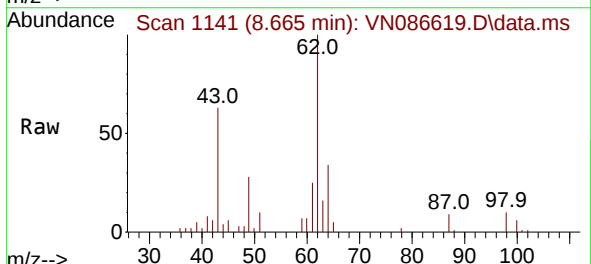
Manual Integrations
APPROVED

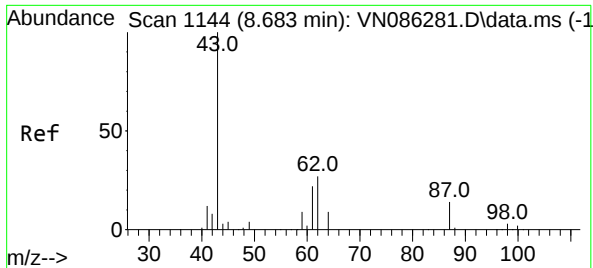
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#42
1,2-Dichloroethane
Concen: 20.608 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

Tgt Ion:	62	Resp:	61764
Ion Ratio	Lower	Upper	
62	100		
98	9.9	0.0	19.2





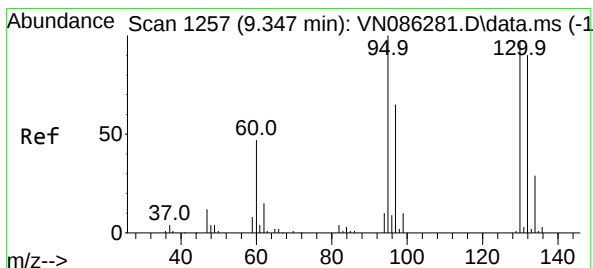
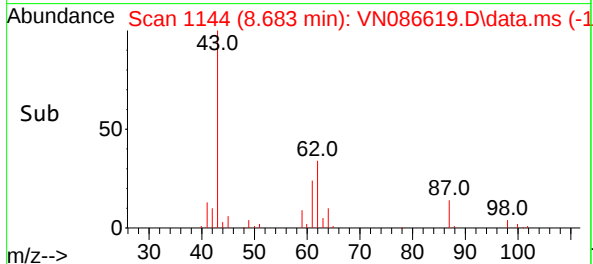
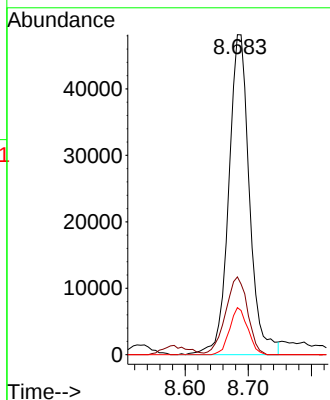
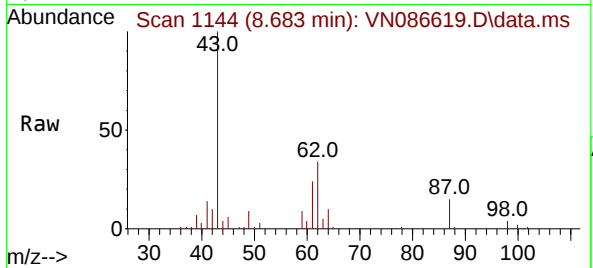
#43
Isopropyl Acetate
Concen: 18.382 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01

Tgt Ion: 43 Resp: 10985
Ion Ratio Lower Upper
43 100
61 25.8 20.5 30.7
87 12.8 10.5 15.7

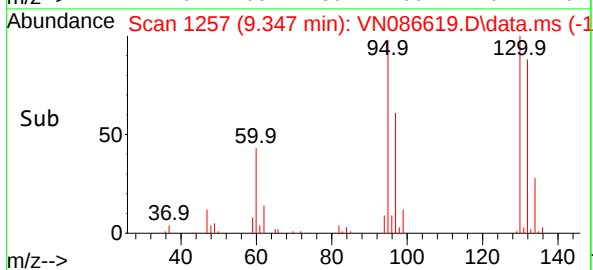
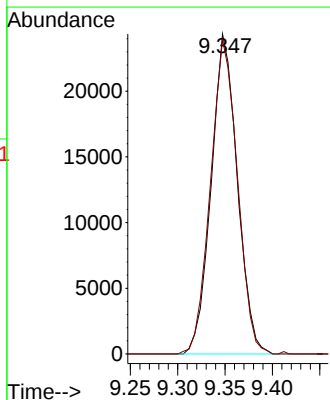
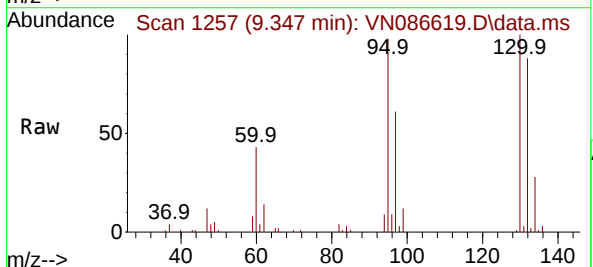
Manual Integrations
APPROVED

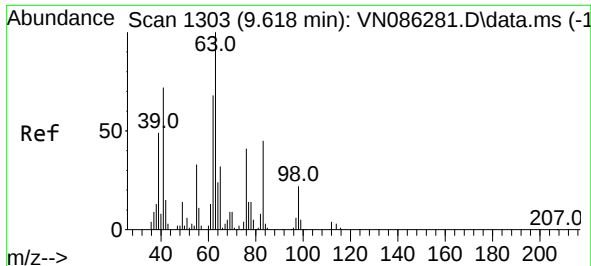
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#44
Trichloroethene
Concen: 20.974 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

Tgt Ion:130 Resp: 46720
Ion Ratio Lower Upper
130 100
95 98.3 0.0 207.2





#45

1,2-Dichloropropane

Concen: 19.998 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086619.D

Acq: 14 May 2025 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN0514MBS01

Tgt Ion: 63 Resp: 46000

Ion Ratio Lower Upper

63 100

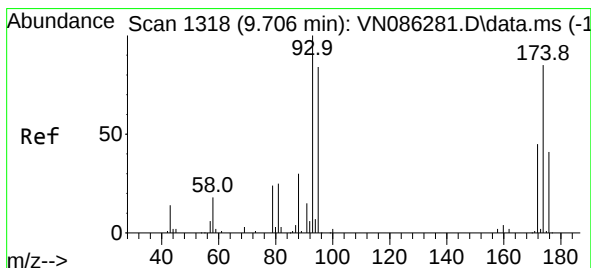
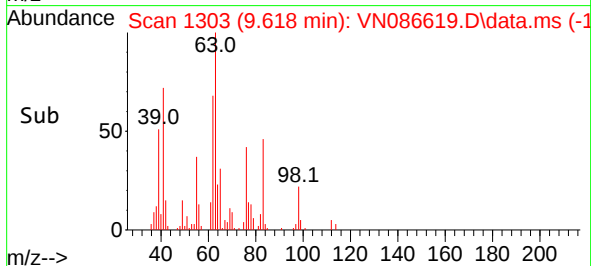
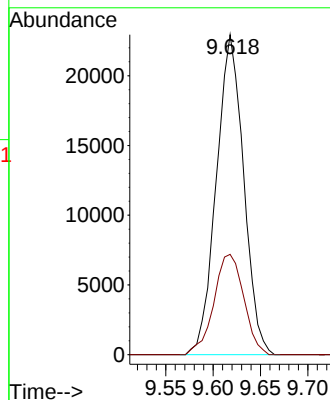
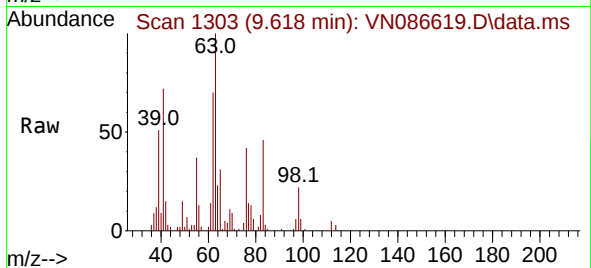
65 31.4 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2025

Supervised By :Mahesh Dadoda 05/15/2025



#46

Dibromomethane

Concen: 21.826 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086619.D

Acq: 14 May 2025 11:58

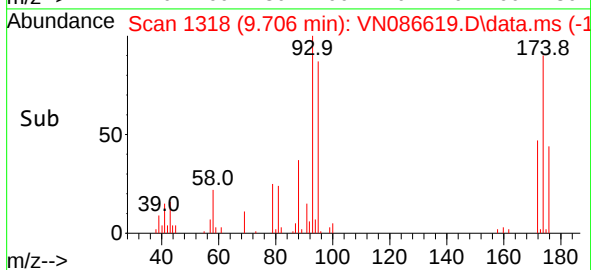
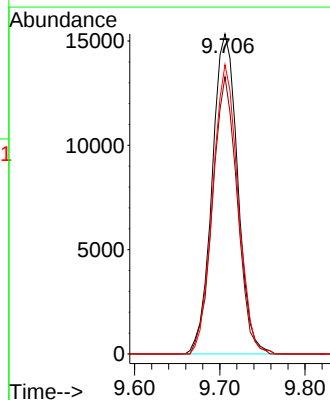
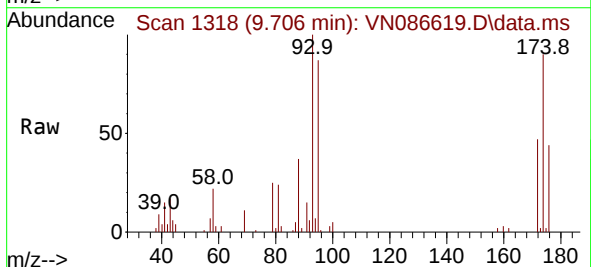
Tgt Ion: 93 Resp: 31992

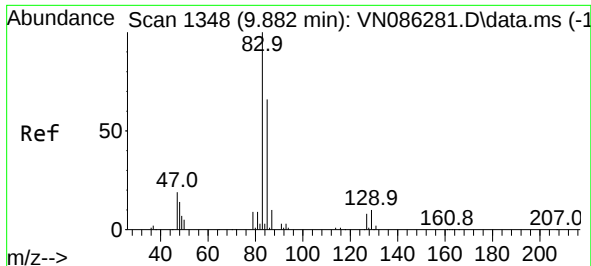
Ion Ratio Lower Upper

93 100

95 83.4 66.2 99.4

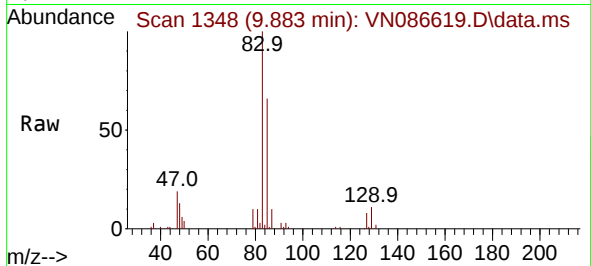
174 89.2 67.8 101.6





#47
Bromodichloromethane
Concen: 20.622 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

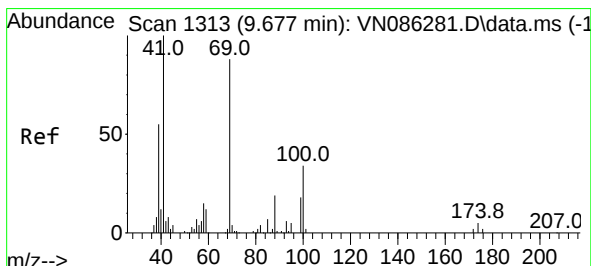
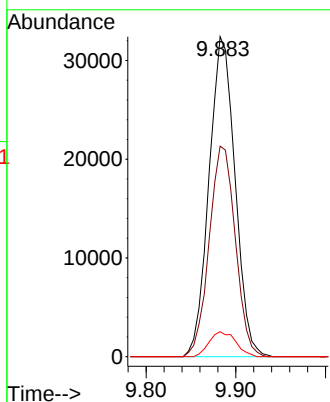
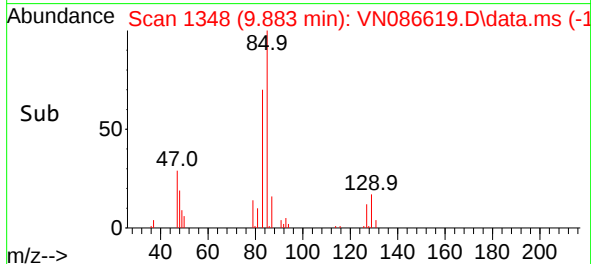
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01



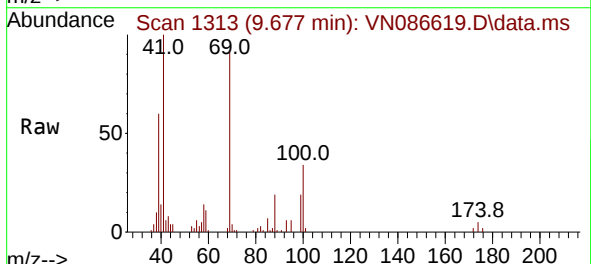
Tgt Ion: 83 Resp: 6528
Ion Ratio Lower Upper
83 100
85 65.8 52.6 78.8
127 7.8 6.1 9.1

Manual Integrations
APPROVED

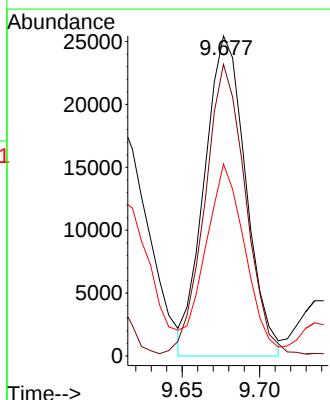
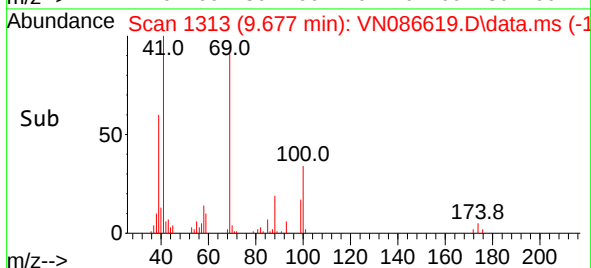
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

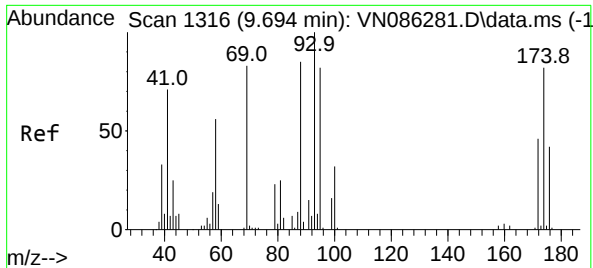


#48
Methyl methacrylate
Concen: 17.400 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58



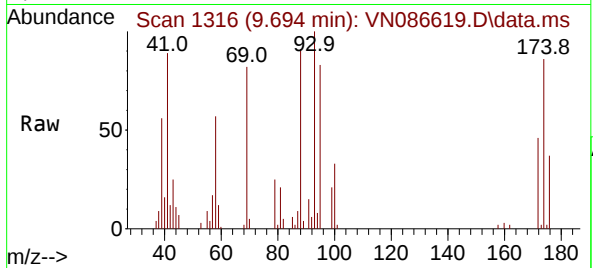
Tgt Ion: 41 Resp: 47188
Ion Ratio Lower Upper
41 100
69 90.7 68.2 102.2
39 58.0 45.2 67.8





#49
1,4-Dioxane
Concen: 419.487 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

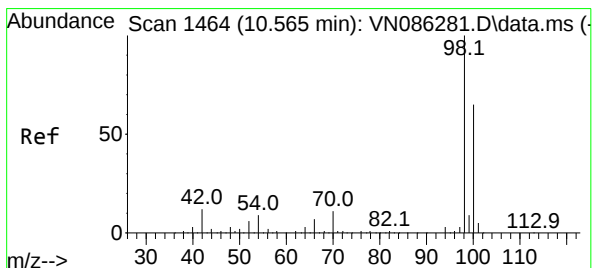
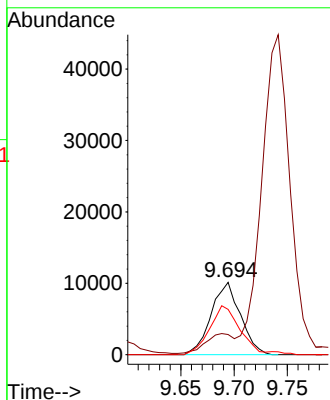
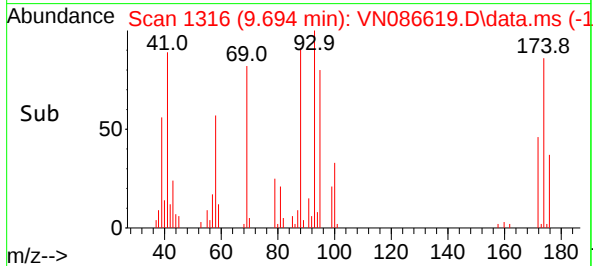
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01



Tgt Ion: 88 Resp: 1935
Ion Ratio Lower Upper
88 100
43 28.7 23.8 35.8
58 71.7 57.4 86.2

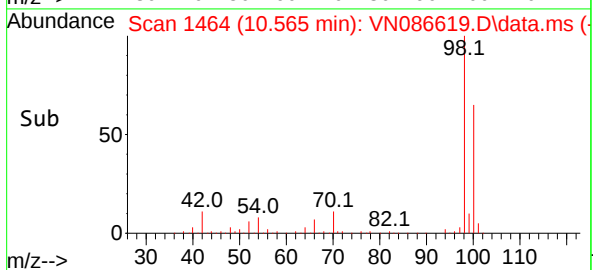
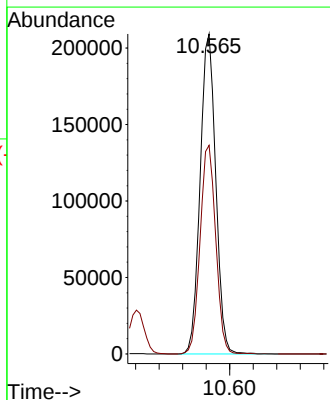
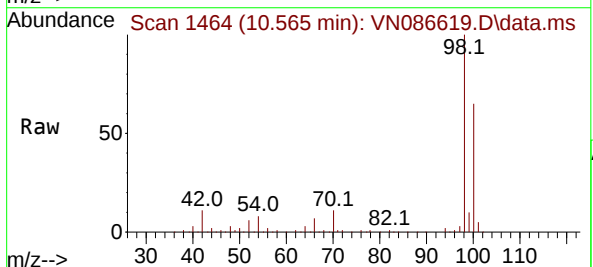
Manual Integrations
APPROVED

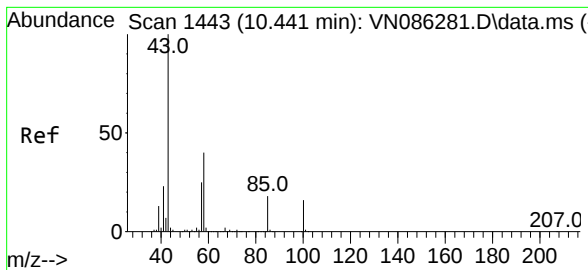
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#50
Toluene-d8
Concen: 49.189 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

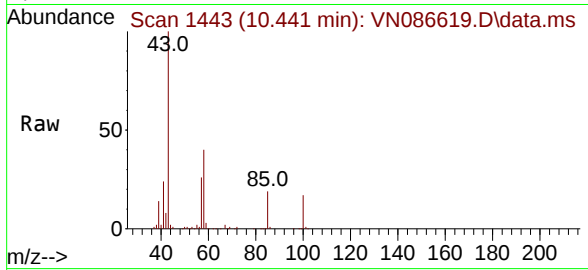
Tgt Ion: 98 Resp: 386084
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 95.698 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

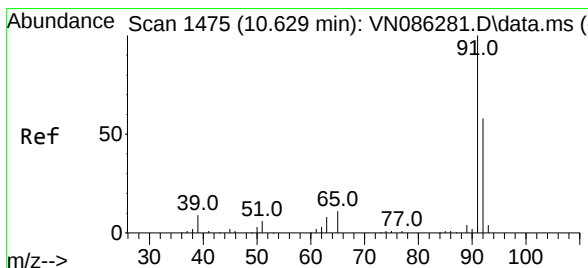
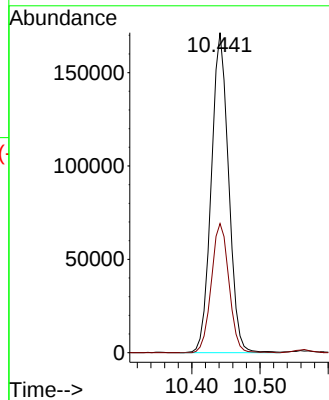
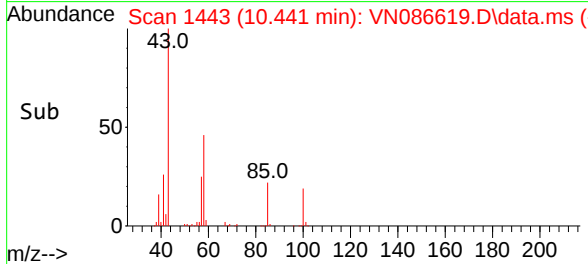
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01



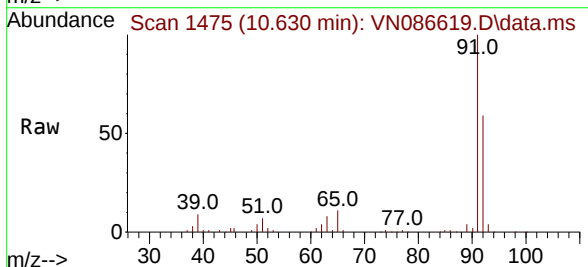
Tgt Ion: 43 Resp: 302630
Ion Ratio Lower Upper
43 100
58 41.0 32.2 48.4

Manual Integrations
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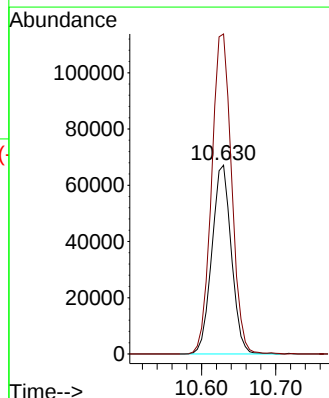
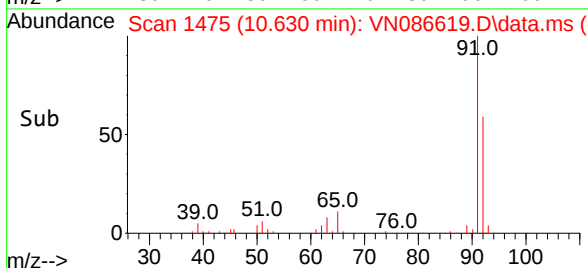
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

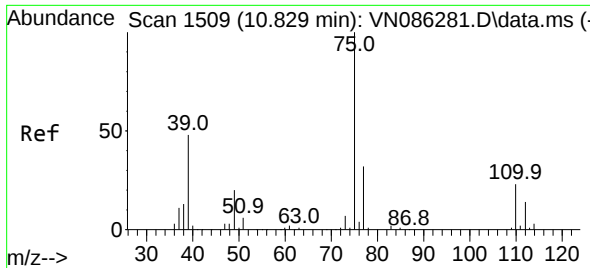


#52
Toluene
Concen: 20.886 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58



Tgt Ion: 92 Resp: 122481
Ion Ratio Lower Upper
92 100
91 174.0 137.3 205.9





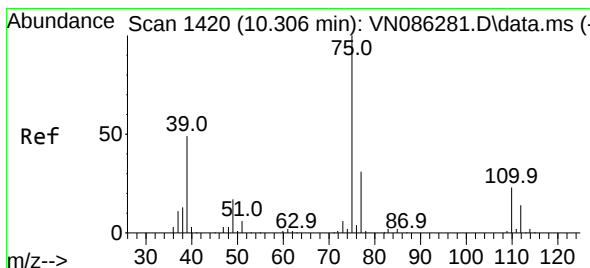
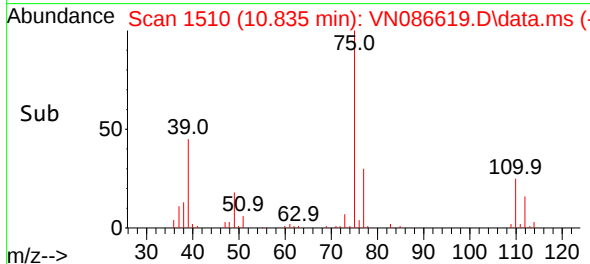
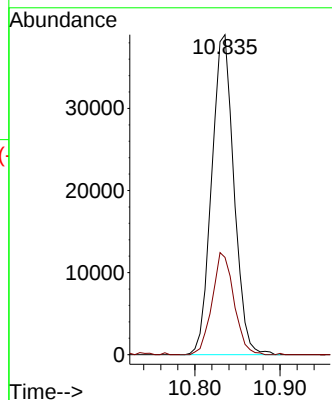
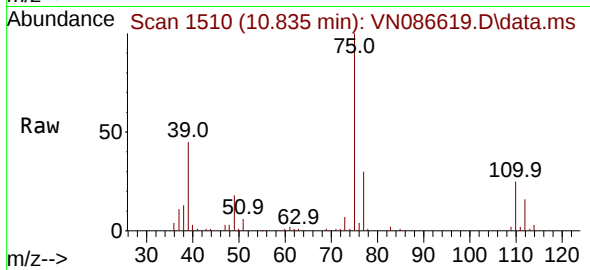
#53
t-1,3-Dichloropropene
Concen: 20.006 ug/l
RT: 10.835 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01

Tgt Ion: 75 Resp: 7070
Ion Ratio Lower Upper
75 100
77 30.4 25.4 38.0

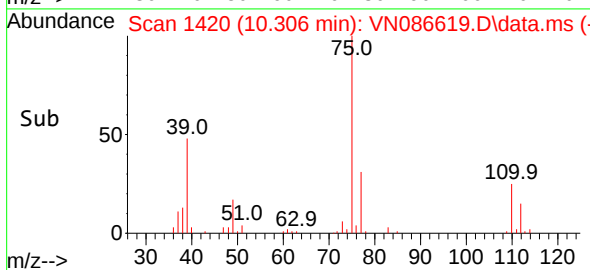
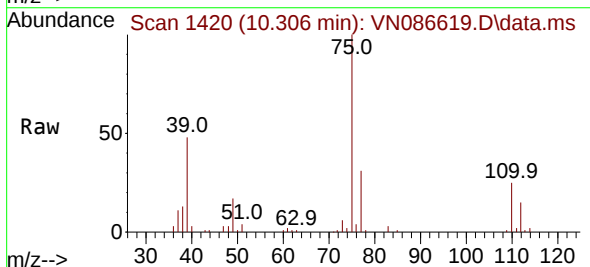
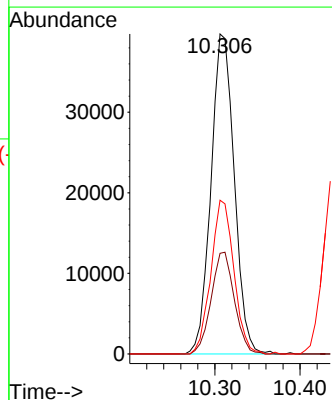
Manual Integrations
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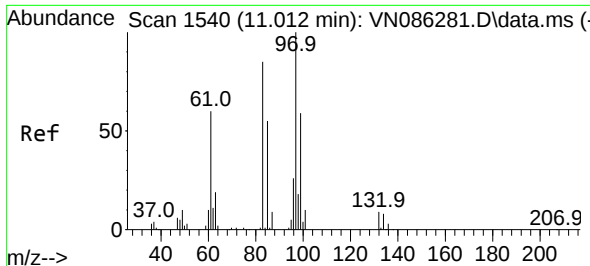
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#54
cis-1,3-Dichloropropene
Concen: 19.433 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

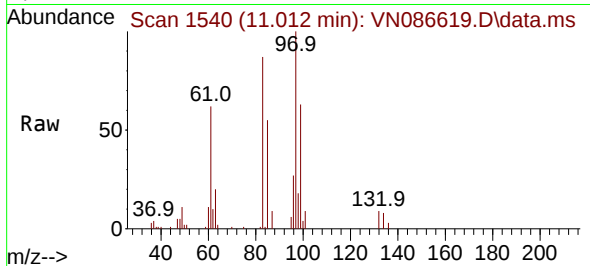
Tgt Ion: 75 Resp: 75430
Ion Ratio Lower Upper
75 100
77 31.4 25.2 37.8
39 48.1 39.3 58.9





#55
1,1,2-Trichloroethane
Concen: 21.424 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

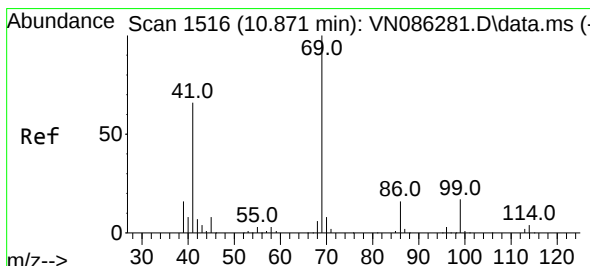
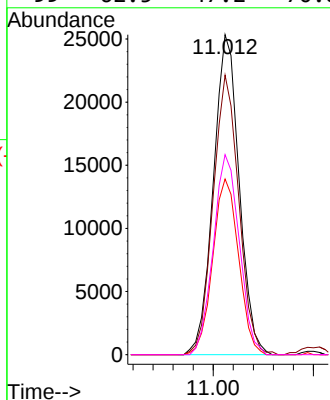
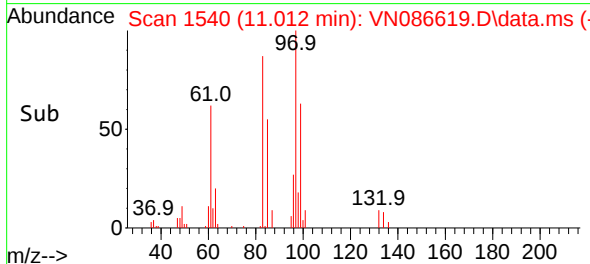
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01



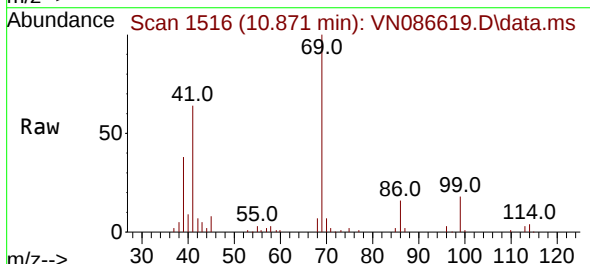
Tgt Ion:	97	Resp:	4520
Ion	Ratio	Lower	Upper
97	100		
83	87.4	68.4	102.6
85	54.9	43.9	65.9
99	62.5	47.2	70.8

Manual Integrations
APPROVED

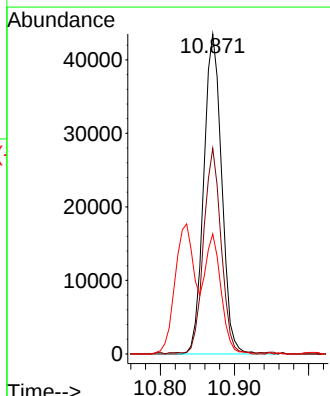
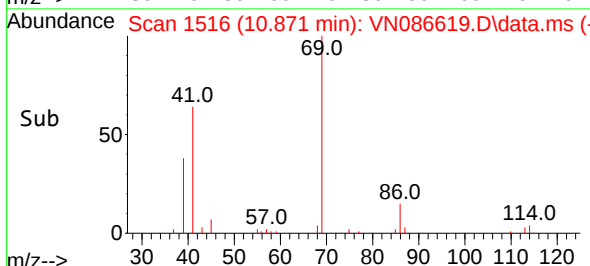
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

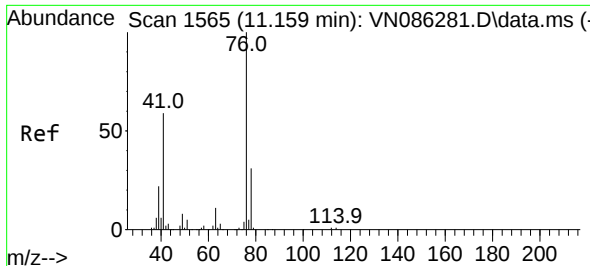


#56
Ethyl methacrylate
Concen: 18.888 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58



Tgt Ion:	69	Resp:	73252
Ion	Ratio	Lower	Upper
69	100		
41	63.4	51.7	77.5
39	33.6	26.3	39.5





#57

1,3-Dichloropropane

Concen: 20.924 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN086619.D

Acq: 14 May 2025 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN0514MBS01

Tgt Ion: 76 Resp: 78330

Ion Ratio Lower Upper

76 100

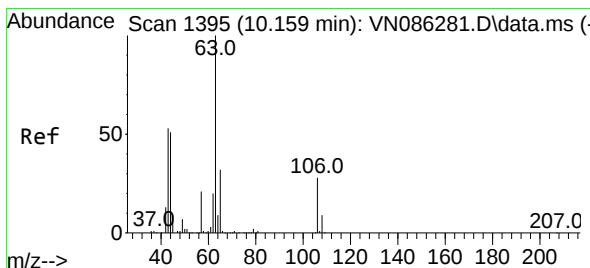
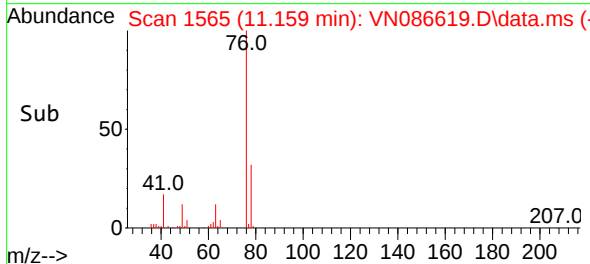
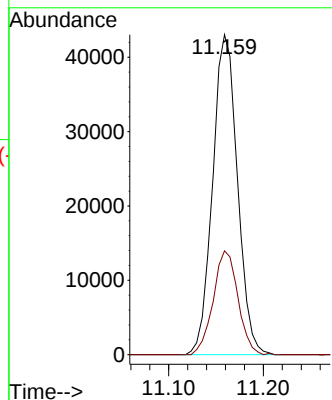
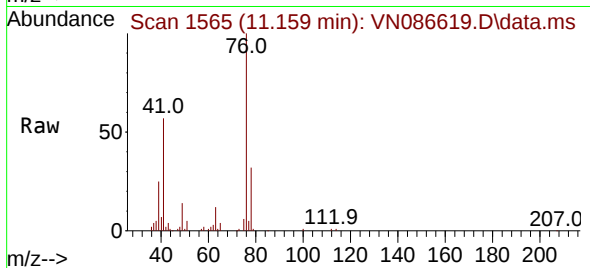
78 32.4 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2025

Supervised By :Mahesh Dadoda 05/15/2025



#58

2-Chloroethyl Vinyl ether

Concen: 82.991 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN086619.D

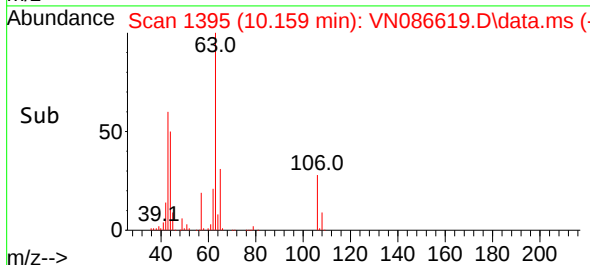
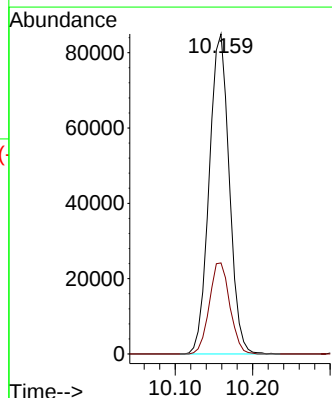
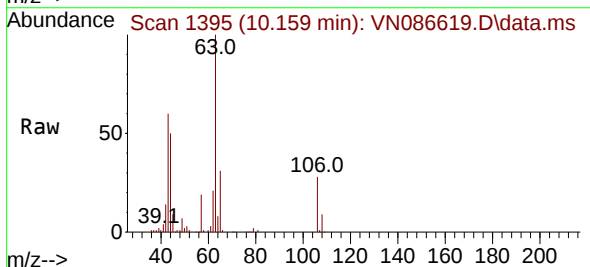
Acq: 14 May 2025 11:58

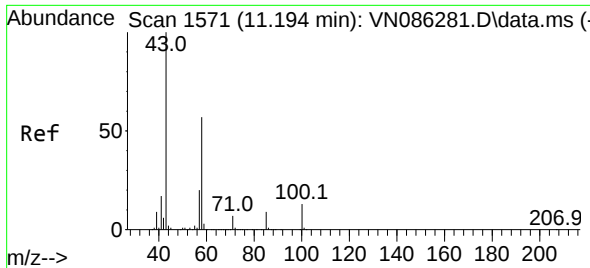
Tgt Ion: 63 Resp: 152769

Ion Ratio Lower Upper

63 100

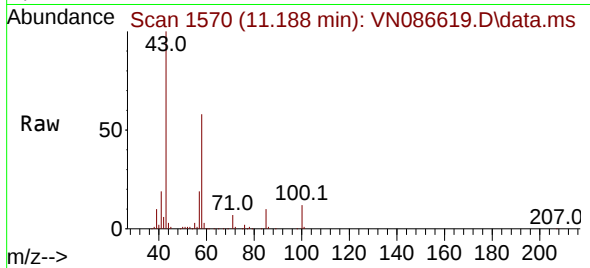
106 29.1 22.2 33.2





#59
2-Hexanone
Concen: 95.130 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. -0.006 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

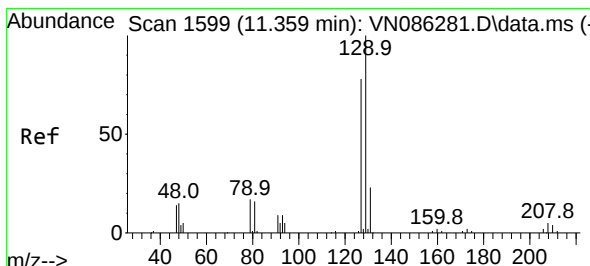
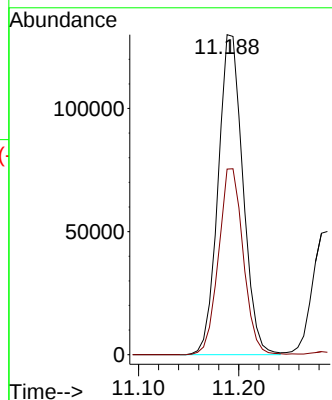
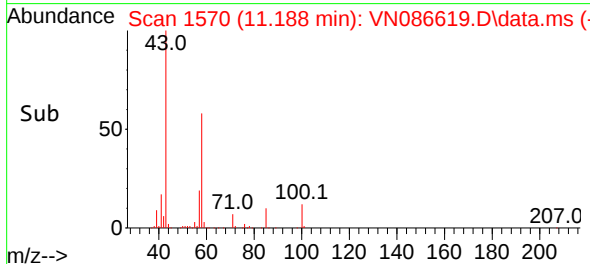
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01



Tgt Ion: 43 Resp: 223138
Ion Ratio Lower Upper
43 100
58 57.7 28.3 85.0

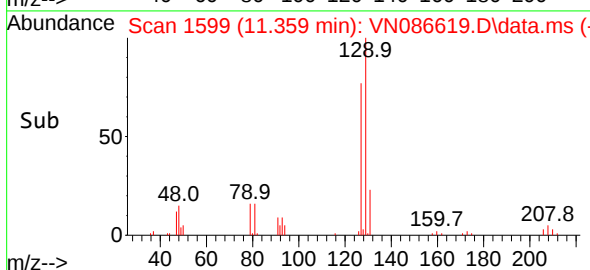
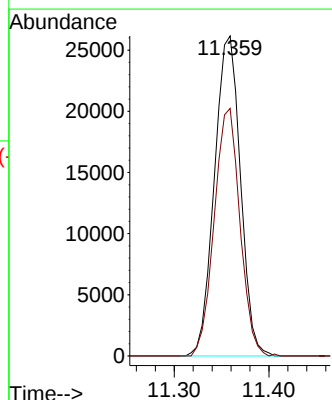
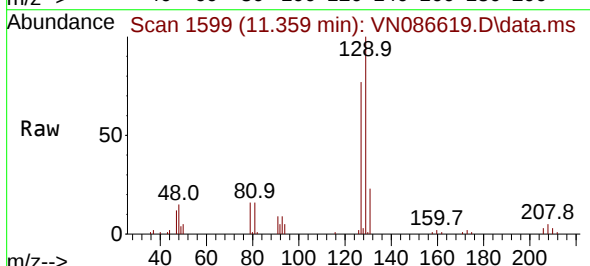
Manual Integrations
APPROVED

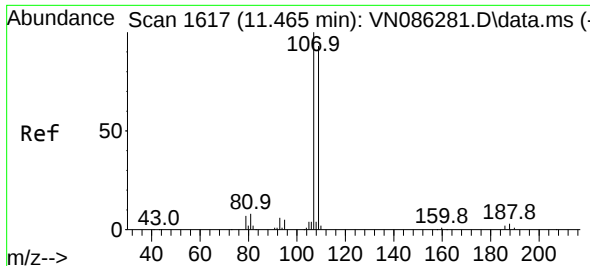
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#60
Dibromochloromethane
Concen: 21.571 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

Tgt Ion:129 Resp: 49978
Ion Ratio Lower Upper
129 100
127 76.3 38.7 116.1





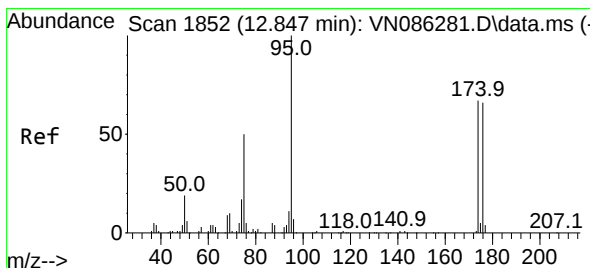
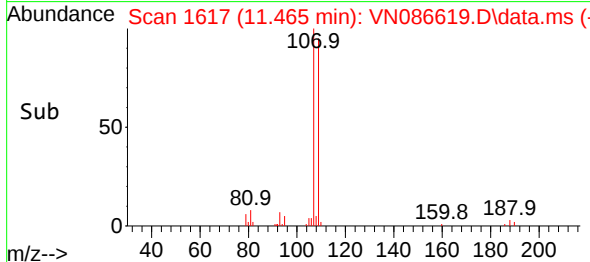
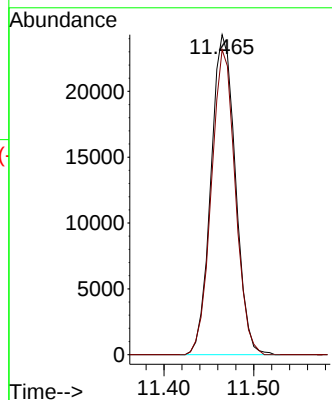
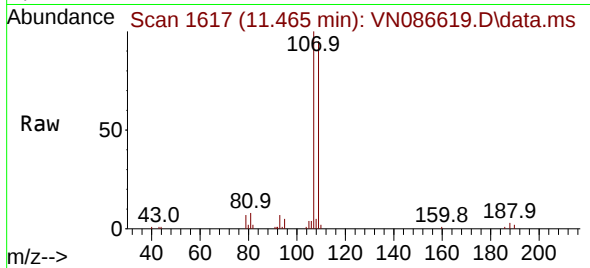
#61
1,2-Dibromoethane
Concen: 21.626 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01

Tgt Ion:107 Resp: 4604
Ion Ratio Lower Upper
107 100
109 93.1 75.4 113.0

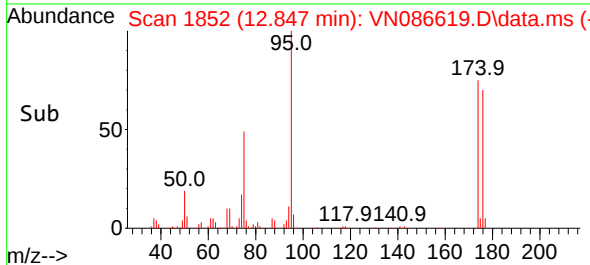
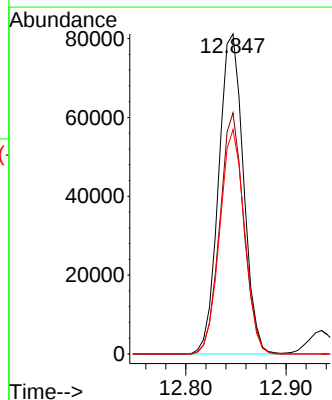
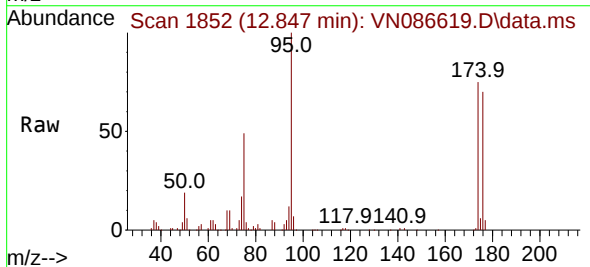
Manual Integrations
APPROVED

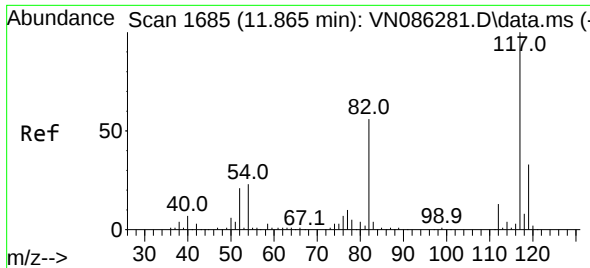
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#62
4-Bromofluorobenzene
Concen: 48.598 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

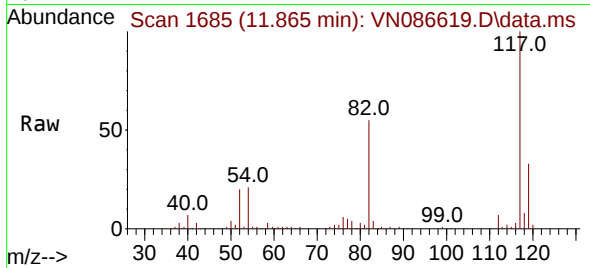
Tgt Ion: 95 Resp: 139130
Ion Ratio Lower Upper
95 100
174 72.9 0.0 133.4
176 69.8 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

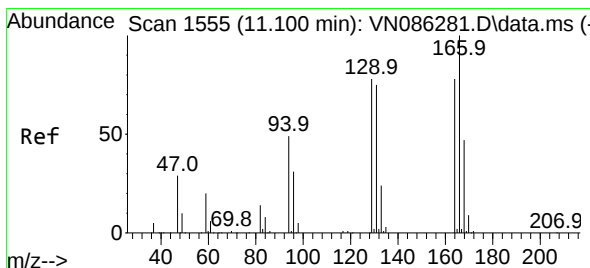
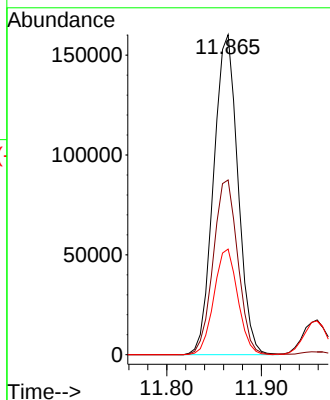
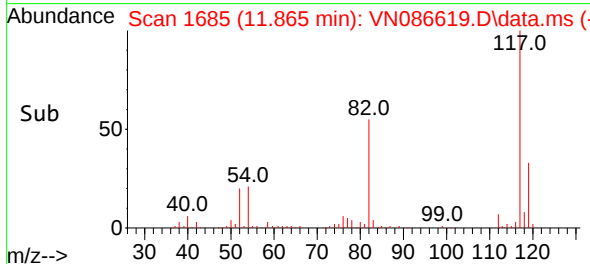
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01



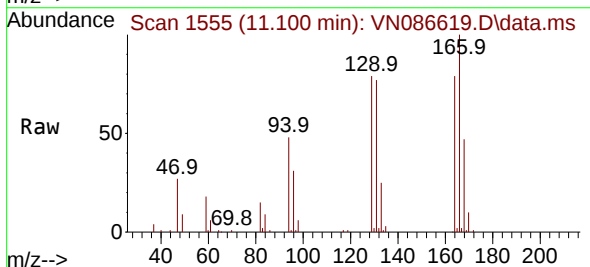
Tgt Ion:117 Resp: 28625
Ion Ratio Lower Upper
117 100
82 54.6 44.7 67.1
119 33.0 26.4 39.6

Manual Integrations
APPROVED

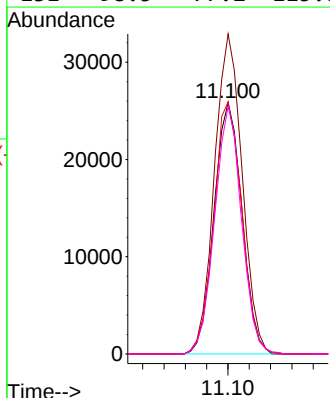
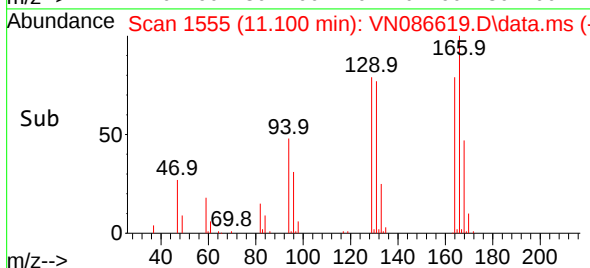
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

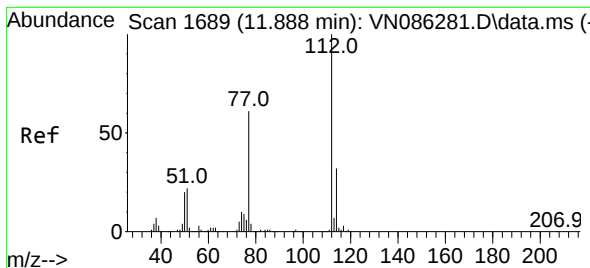


#64
Tetrachloroethene
Concen: 21.365 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58



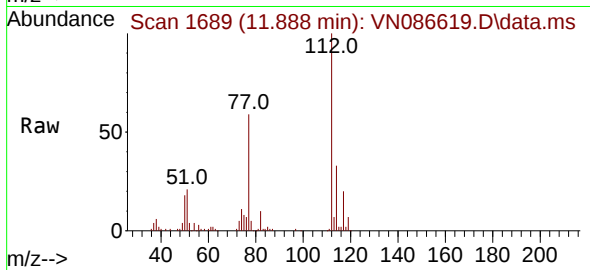
Tgt Ion:164 Resp: 47045
Ion Ratio Lower Upper
164 100
166 127.3 103.0 154.4
129 100.3 80.1 120.1
131 98.5 77.2 115.8





#65
Chlorobenzene
Concen: 21.361 ug/l
RT: 11.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

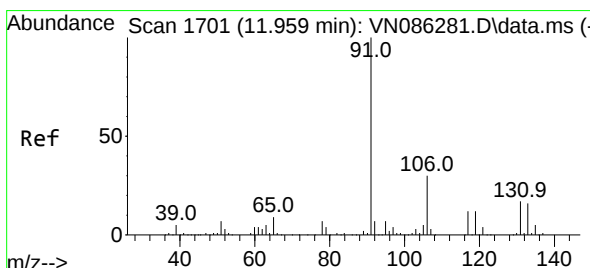
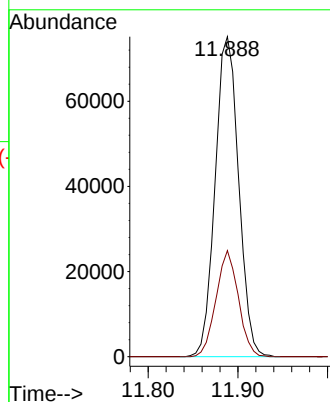
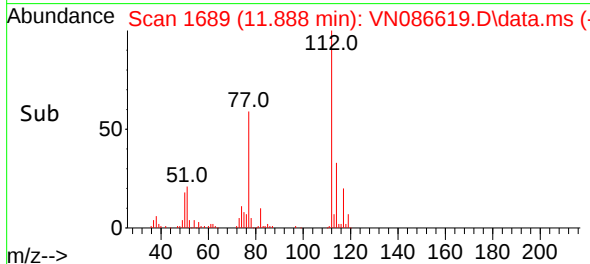
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01



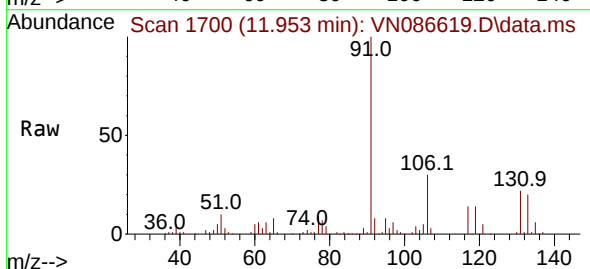
Tgt Ion:112 Resp: 13646
Ion Ratio Lower Upper
112 100
114 33.2 25.4 38.0

Manual Integrations
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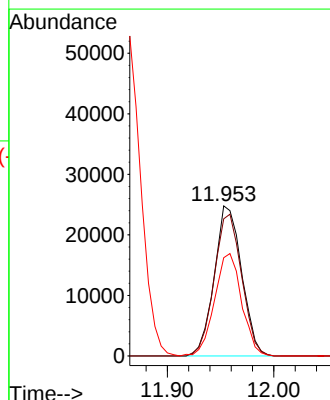
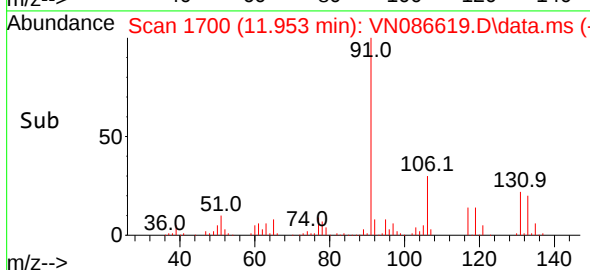
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

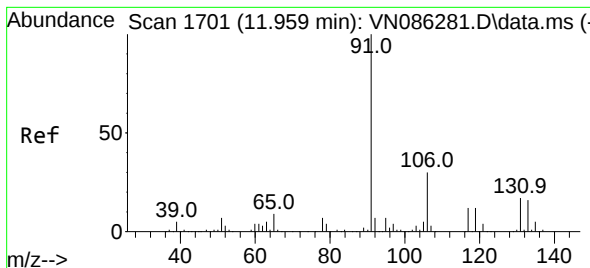


#66
1,1,1,2-Tetrachloroethane
Concen: 21.010 ug/l
RT: 11.953 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58



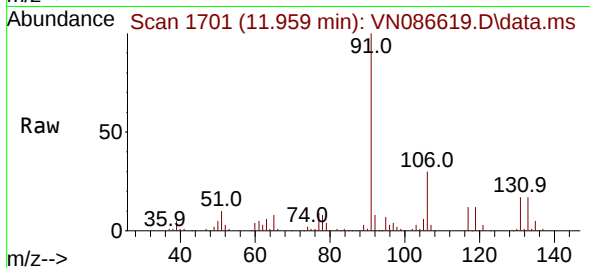
Tgt Ion:131 Resp: 44279
Ion Ratio Lower Upper
131 100
133 94.9 47.1 141.3
119 67.5 33.8 101.4





#67
Ethyl Benzene
Concen: 20.238 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

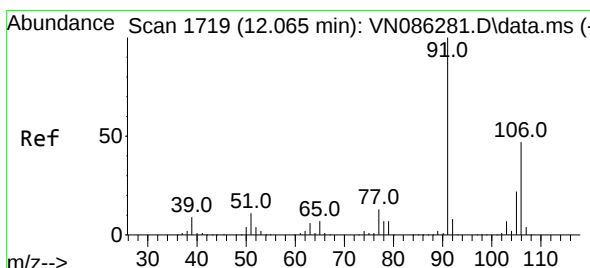
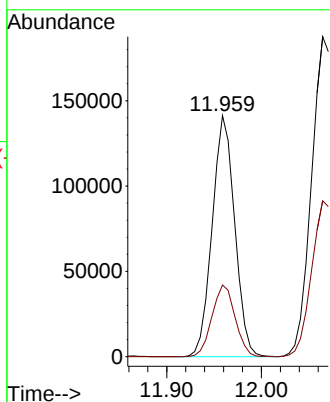
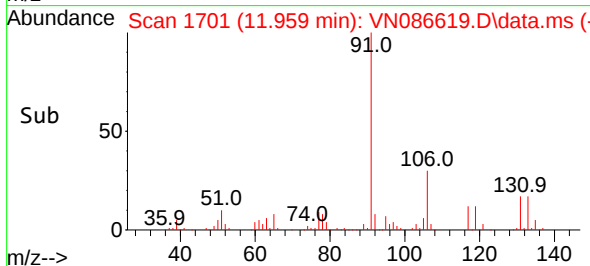
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01



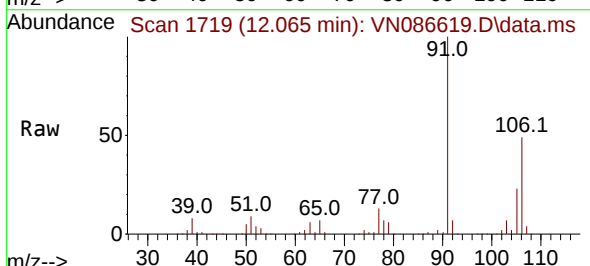
Tgt Ion: 91 Resp: 233298
Ion Ratio Lower Upper
91 100
106 29.8 24.3 36.5

Manual Integrations
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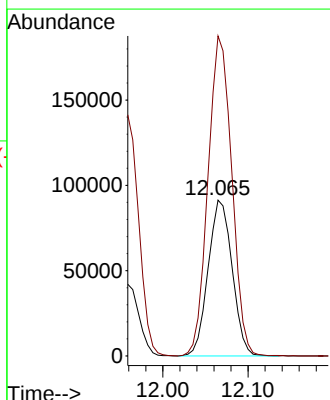
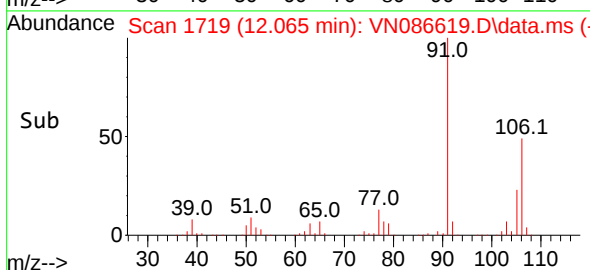
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

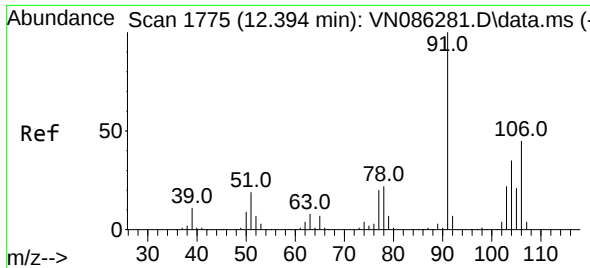


#68
m/p-Xylenes
Concen: 41.423 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58



Tgt Ion:106 Resp: 178924
Ion Ratio Lower Upper
106 100
91 203.6 166.5 249.7





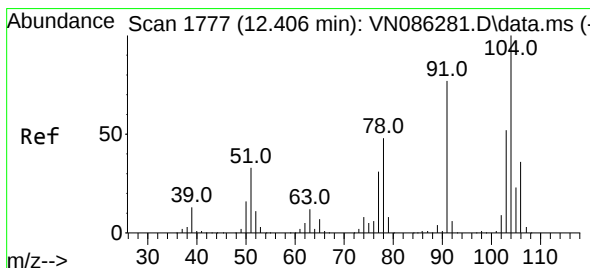
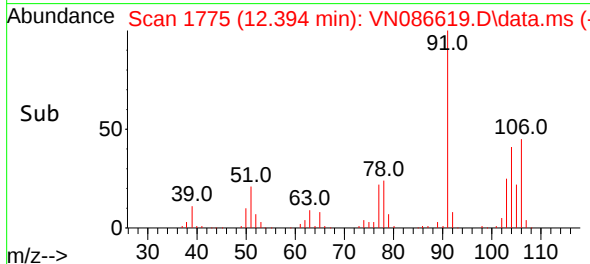
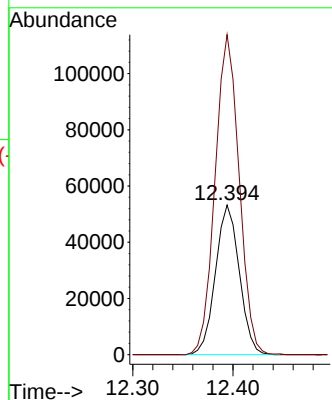
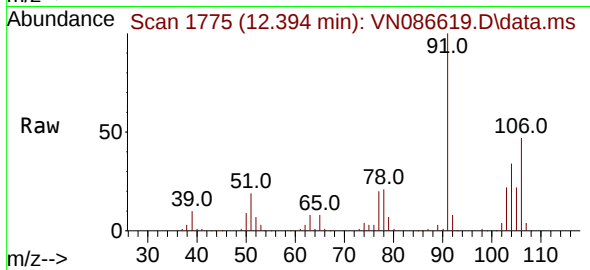
#69
o-Xylene
Concen: 20.562 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01

Tgt Ion:106 Resp: 87830
Ion Ratio Lower Upper
106 100
91 216.2 109.7 329.0

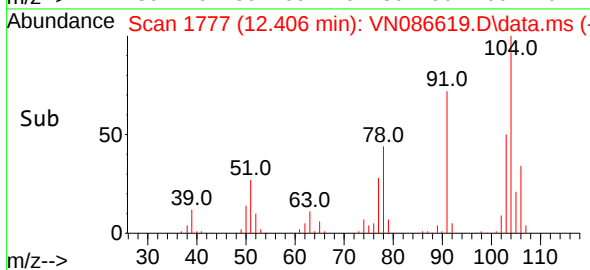
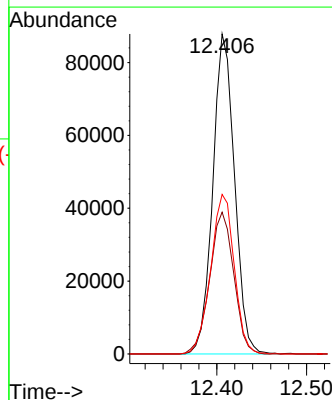
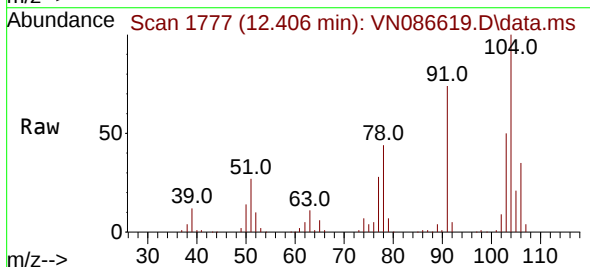
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#70
Styrene
Concen: 20.743 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

Tgt Ion:104 Resp: 147642
Ion Ratio Lower Upper
104 100
78 49.1 40.6 61.0
103 54.1 43.6 65.4





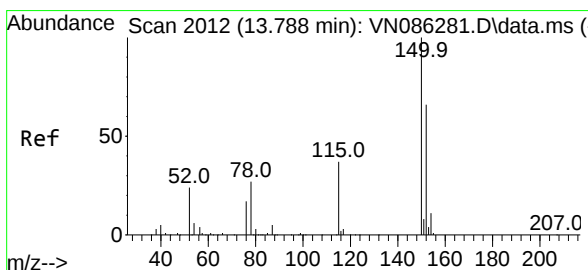
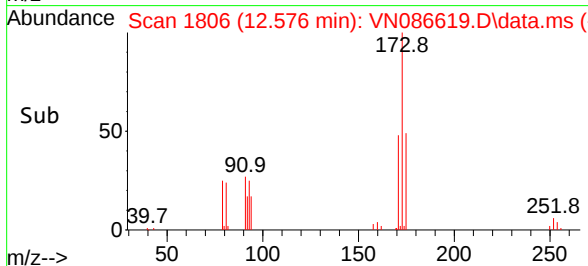
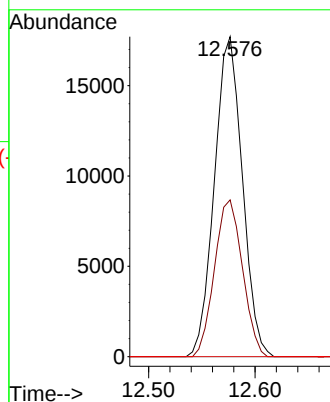
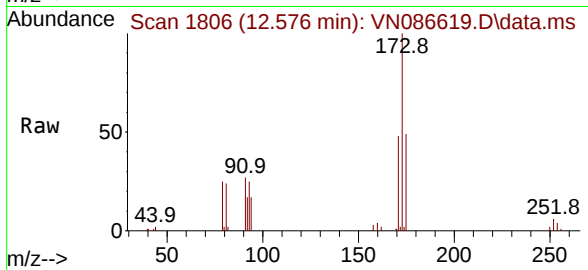
#71
Bromoform
Concen: 20.334 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01

Tgt Ion:173 Resp: 3226
Ion Ratio Lower Upper
173 100
175 49.0 24.6 73.6
254 0.0 0.0 0.0

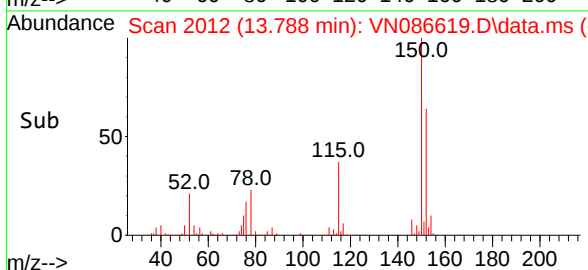
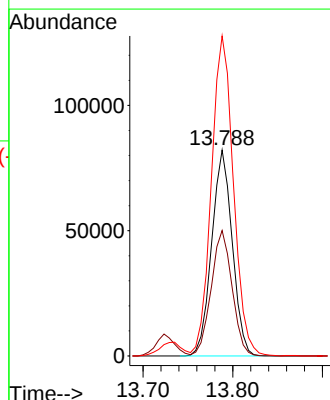
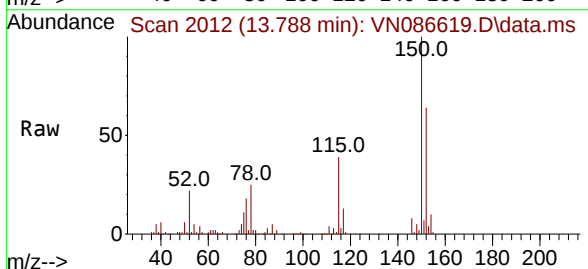
Manual Integrations
APPROVED

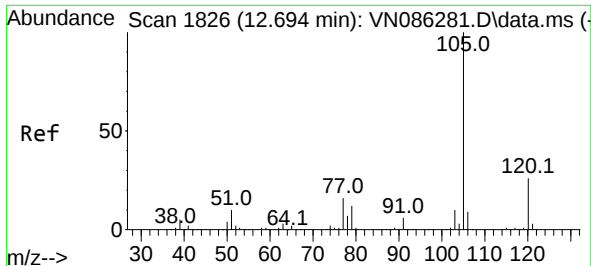
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

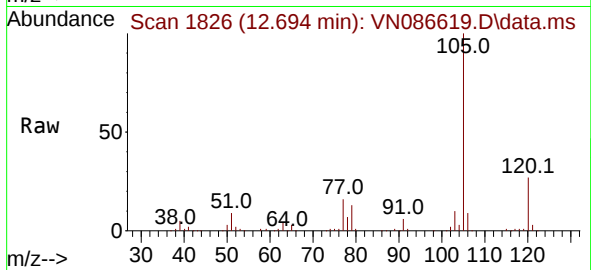
Tgt Ion:152 Resp: 130977
Ion Ratio Lower Upper
152 100
115 61.7 31.9 95.9
150 166.2 0.0 352.0





#73
Isopropylbenzene
Concen: 19.931 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

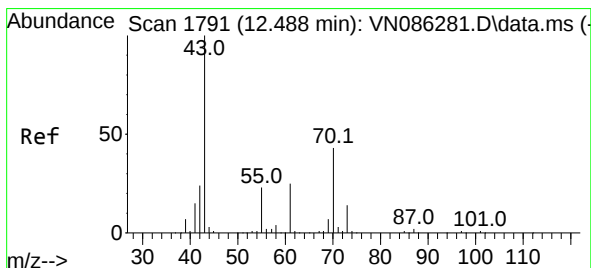
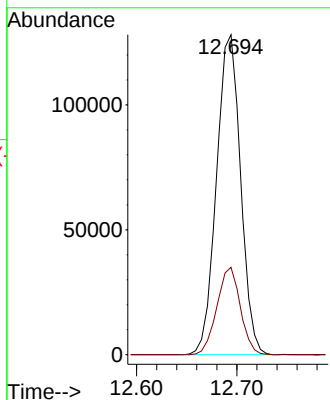
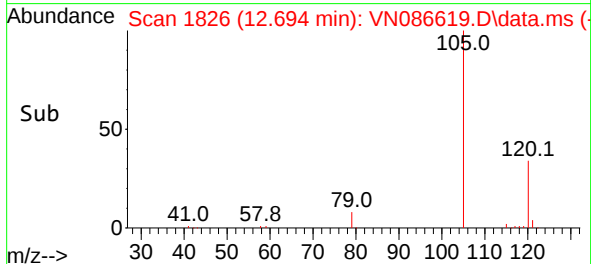
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01



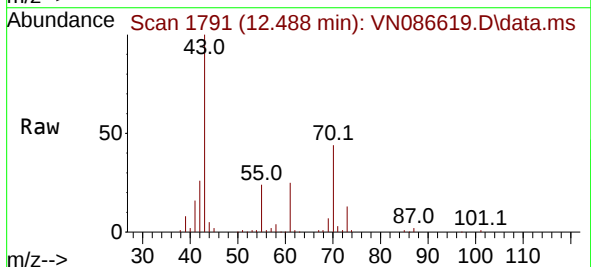
Tgt Ion:105 Resp: 21354
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3

Manual Integrations
APPROVED

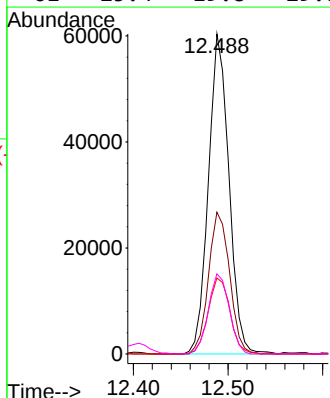
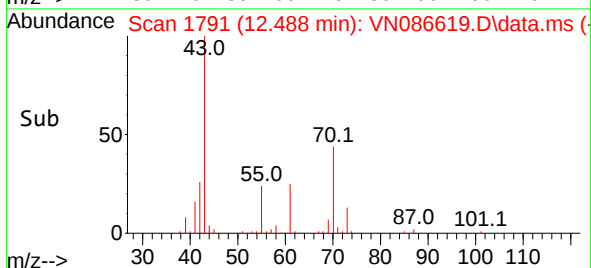
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

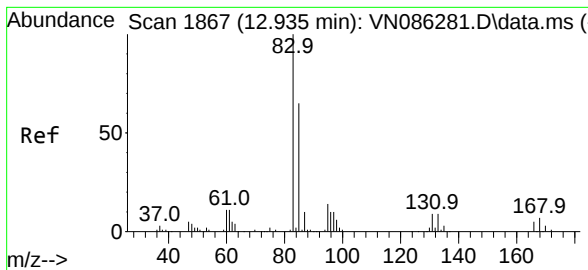


#74
N-ethyl acetate
Concen: 17.071 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58



Tgt Ion: 43 Resp: 91055
Ion Ratio Lower Upper
43 100
70 45.6 35.0 52.4
55 25.2 19.0 28.4
61 25.4 19.8 29.8





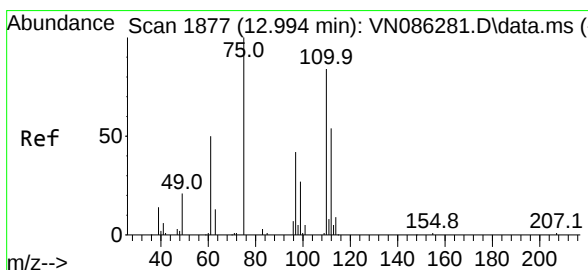
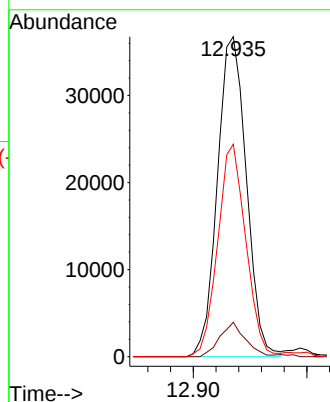
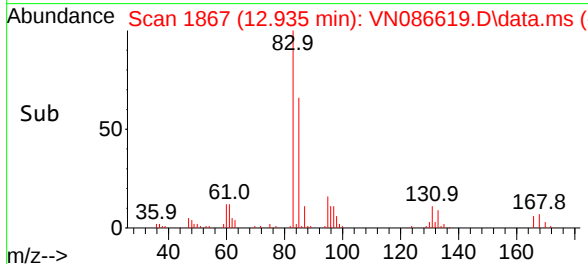
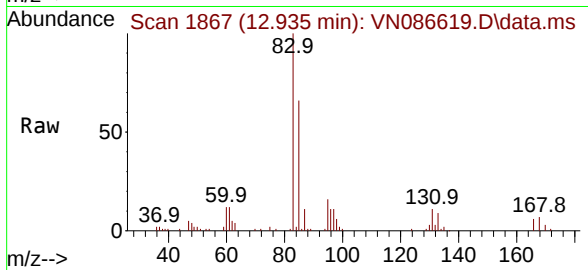
#75
1,1,2,2-Tetrachloroethane
Concen: 21.118 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01

Tgt Ion: 83 Resp: 6505
Ion Ratio Lower Upper
83 100
131 9.5 4.7 14.1
85 64.4 32.7 98.1

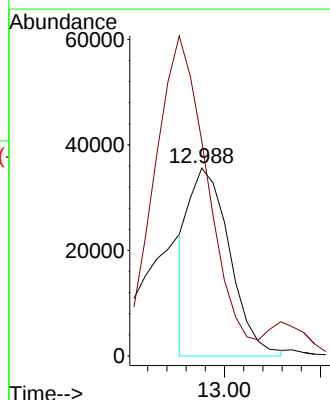
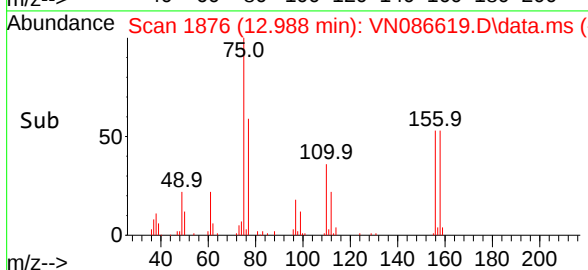
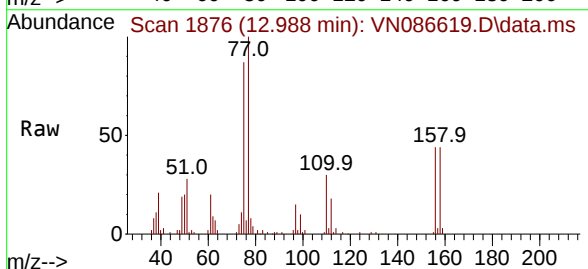
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#76
1,2,3-Trichloropropane
Concen: 17.033 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

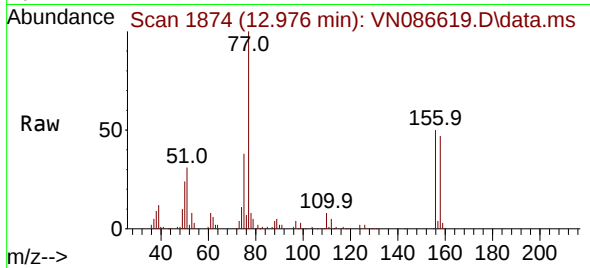
Tgt Ion: 75 Resp: 52646
Ion Ratio Lower Upper
75 100
77 225.3 98.8 296.4





#77
Bromobenzene
Concen: 21.704 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

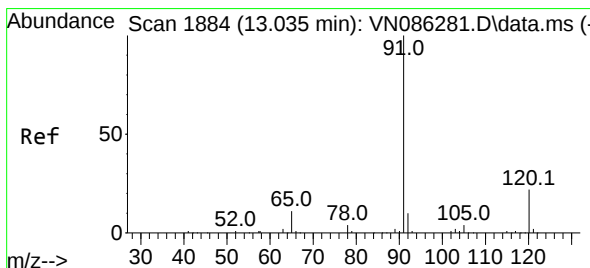
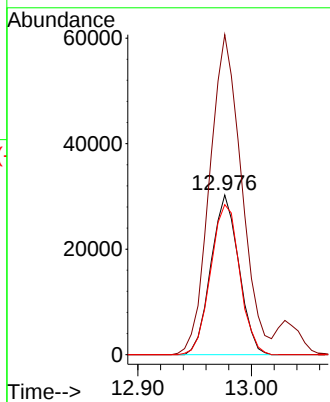
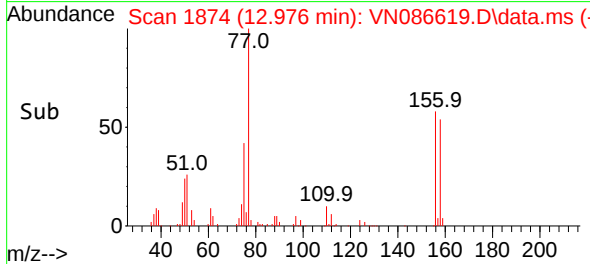
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01



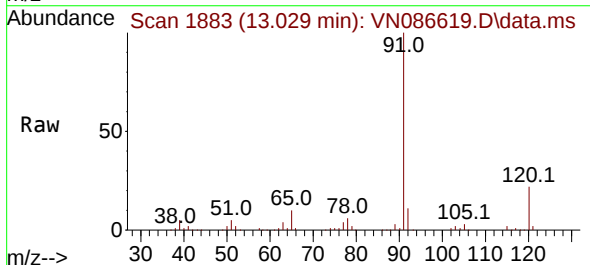
Tgt Ion:156 Resp: 51524
Ion Ratio Lower Upper
156 100
77 230.2 121.1 363.1
158 98.1 47.9 143.6

Manual Integrations
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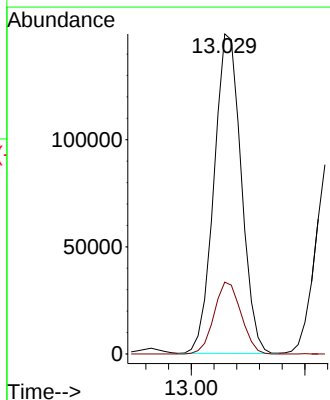
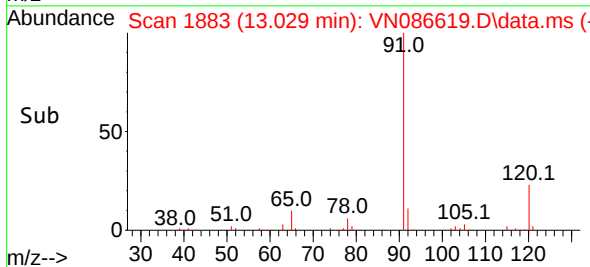
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

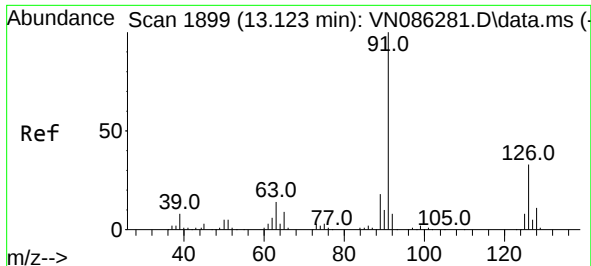


#78
n-propylbenzene
Concen: 19.664 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58



Tgt Ion: 91 Resp: 248262
Ion Ratio Lower Upper
91 100
120 22.2 11.1 33.3





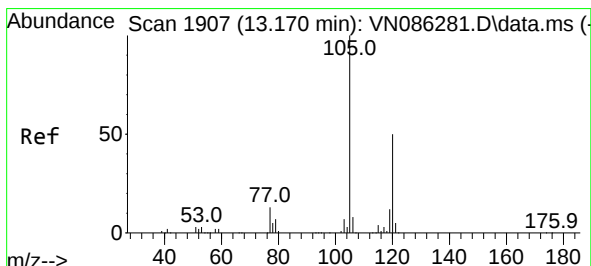
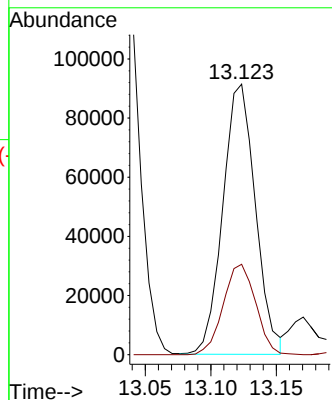
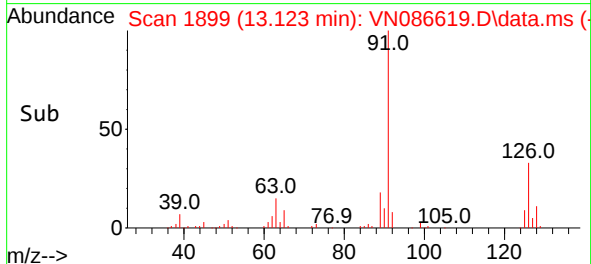
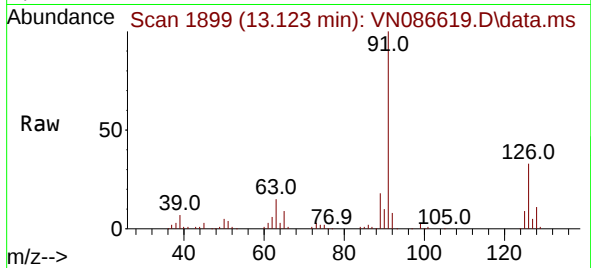
#79
2-Chlorotoluene
Concen: 20.008 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01

Tgt Ion: 91 Resp: 15806
Ion Ratio Lower Upper
91 100
126 33.2 16.1 48.2

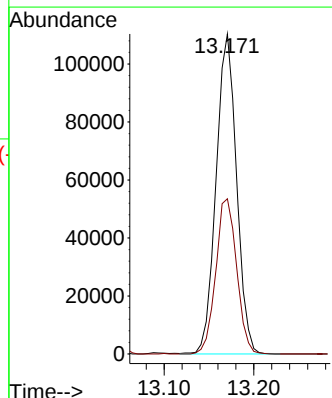
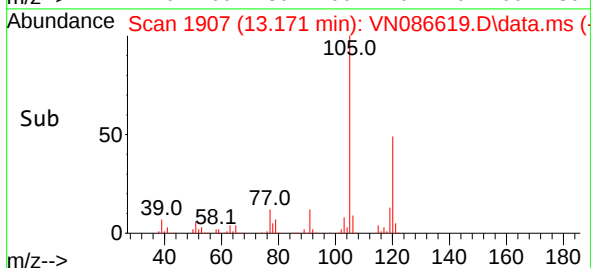
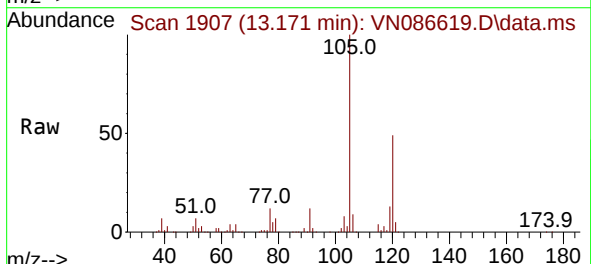
Manual Integrations
APPROVED

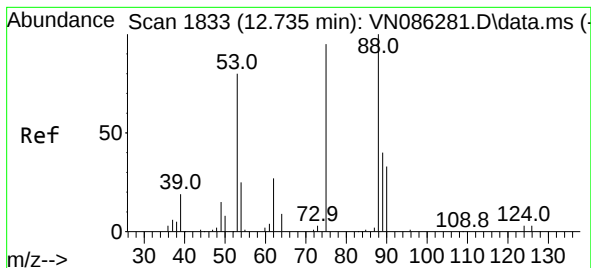
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.920 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

Tgt Ion:105 Resp: 174680
Ion Ratio Lower Upper
105 100
120 49.5 24.5 73.5





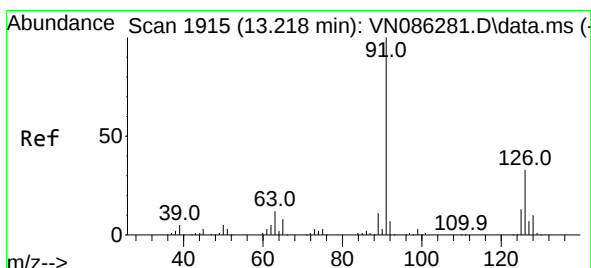
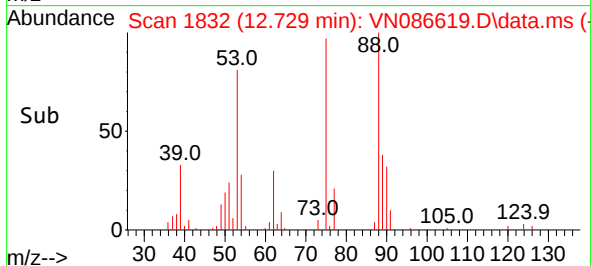
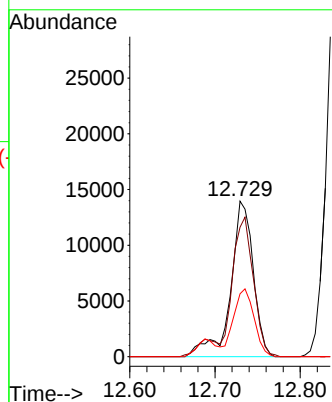
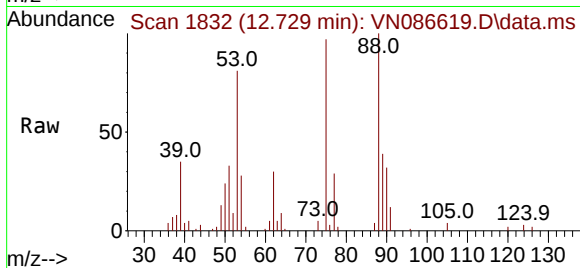
#81
trans-1,4-Dichloro-2-butene
Concen: 20.103 ug/l
RT: 12.729 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01

Tgt Ion: 75 Resp: 25872
Ion Ratio Lower Upper
75 100
53 81.6 79.2 118.8
89 39.9 35.7 53.5

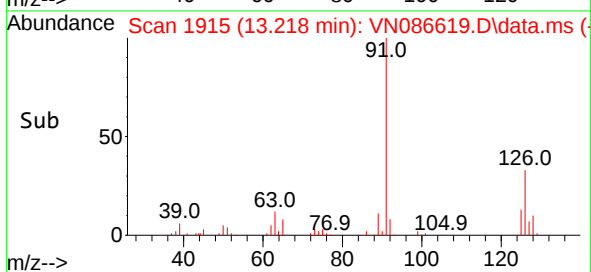
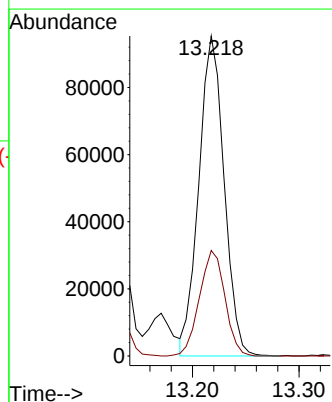
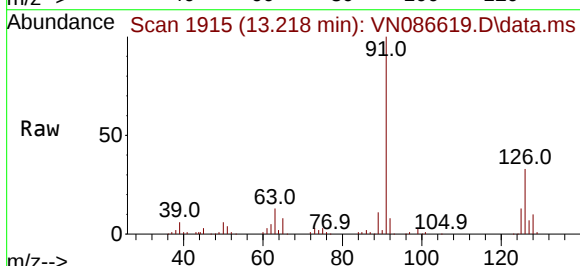
Manual Integrations
APPROVED

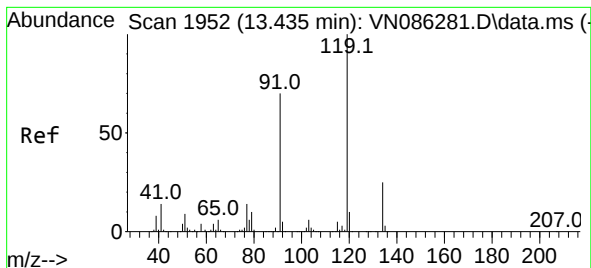
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#82
4-Chlorotoluene
Concen: 20.080 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

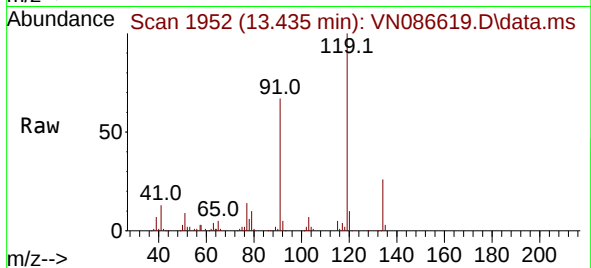
Tgt Ion: 91 Resp: 157581
Ion Ratio Lower Upper
91 100
126 33.2 16.2 48.6





#83
tert-Butylbenzene
Concen: 19.453 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

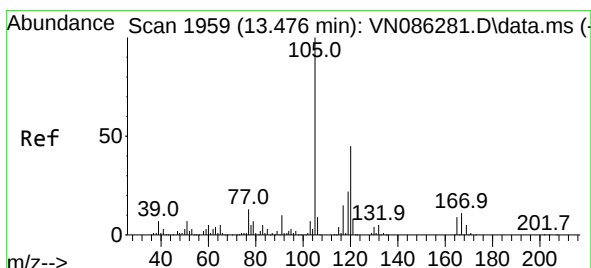
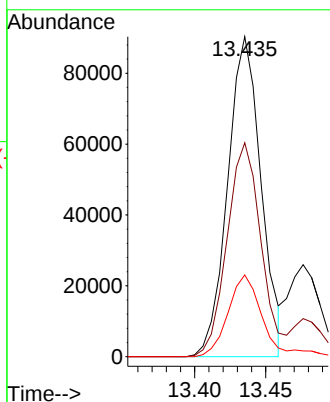
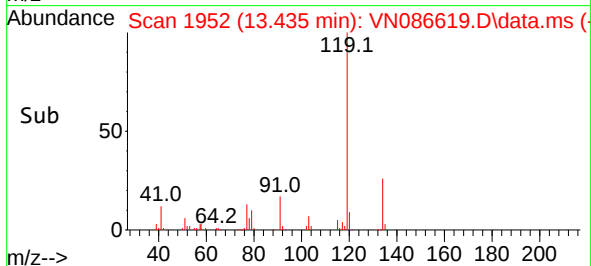
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01



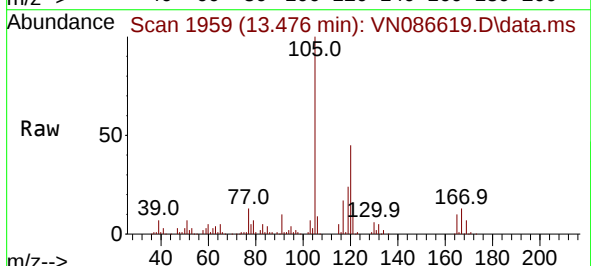
Tgt Ion:119 Resp: 147808
Ion Ratio Lower Upper
119 100
91 68.3 34.4 103.3
134 26.5 13.0 39.0

Manual Integrations
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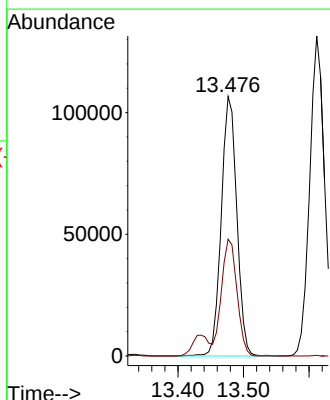
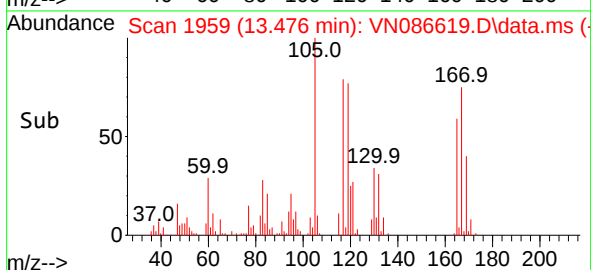
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

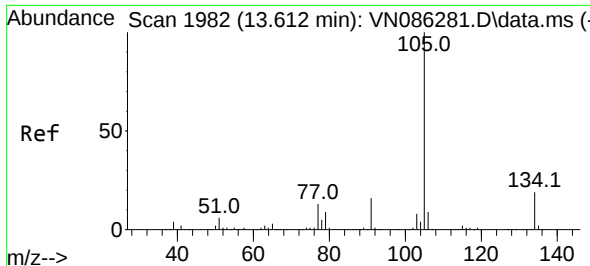


#84
1,2,4-Trimethylbenzene
Concen: 19.587 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58



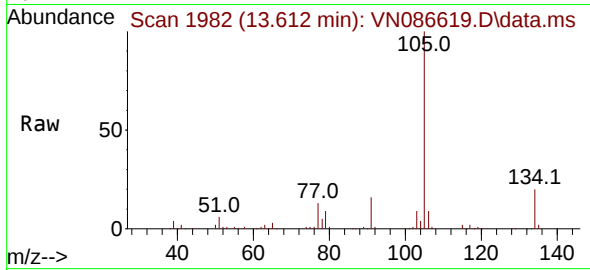
Tgt Ion:105 Resp: 174838
Ion Ratio Lower Upper
105 100
120 44.6 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 19.615 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086619.D
 Acq: 14 May 2025 11:58

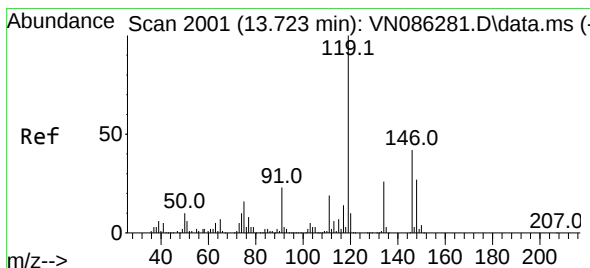
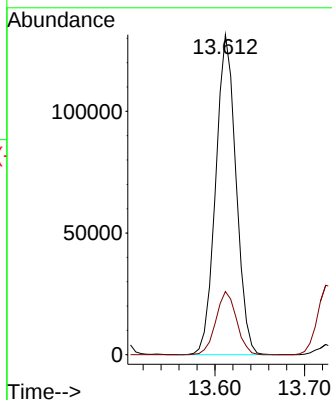
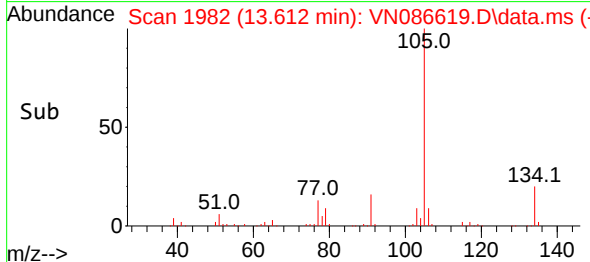
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0514MBS01



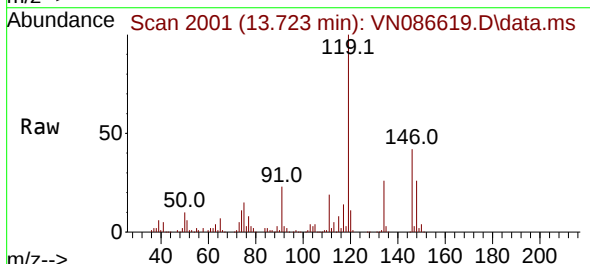
Tgt Ion:105 Resp: 20672
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.7 29.1

Manual Integrations
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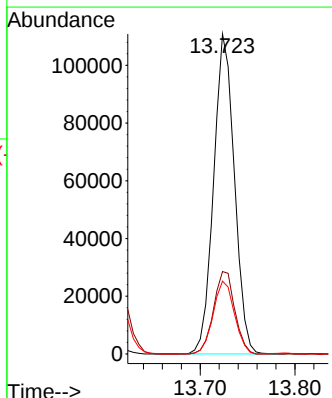
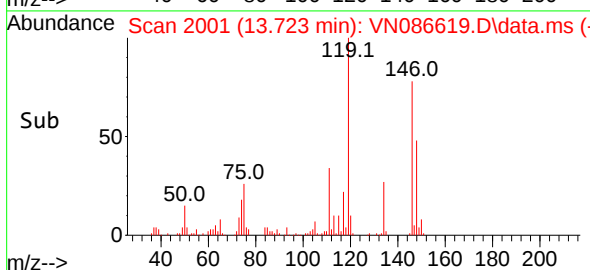
Reviewed By :John Carlone 05/15/2025
 Supervised By :Mahesh Dadoda 05/15/2025



#86
 p-Isopropyltoluene
 Concen: 19.441 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086619.D
 Acq: 14 May 2025 11:58



Tgt Ion:119 Resp: 168889
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 23.3 11.9 35.9





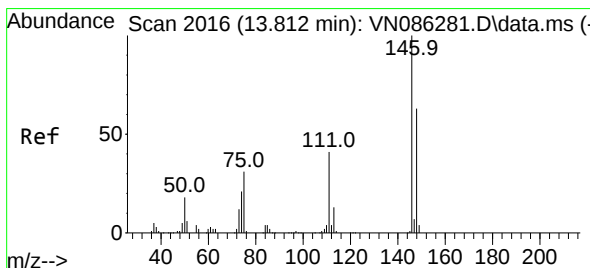
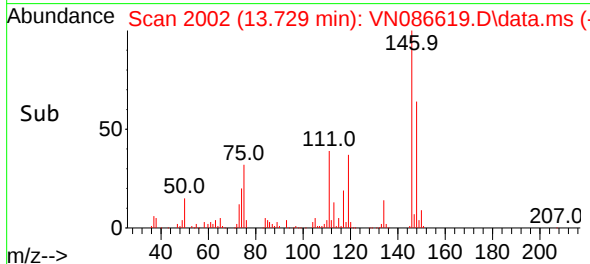
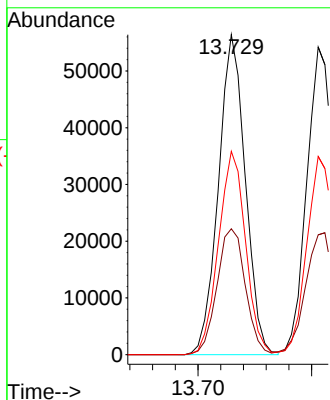
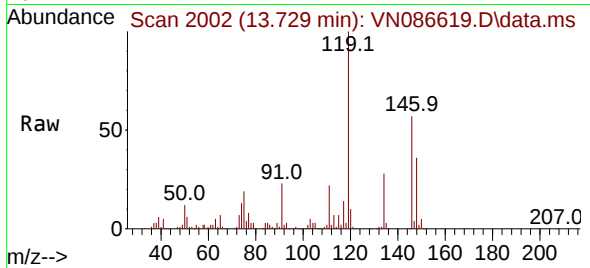
#87
1,3-Dichlorobenzene
Concen: 20.805 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01

Tgt Ion:146 Resp: 92849
Ion Ratio Lower Upper
146 100
111 41.5 21.9 65.7
148 63.9 31.9 95.5

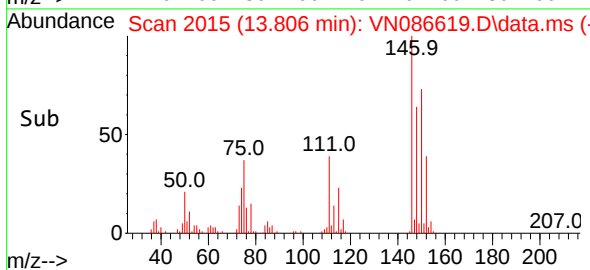
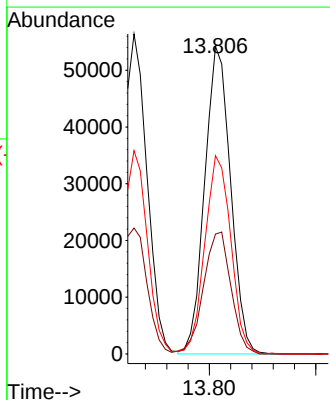
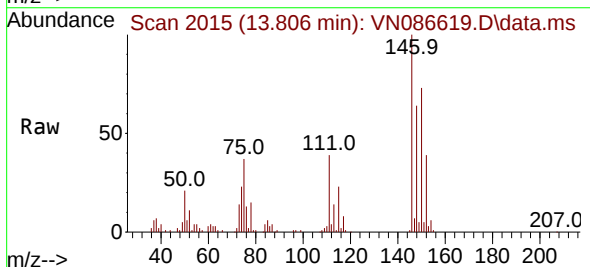
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#88
1,4-Dichlorobenzene
Concen: 20.418 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

Tgt Ion:146 Resp: 91780
Ion Ratio Lower Upper
146 100
111 42.1 21.3 63.9
148 64.8 31.9 95.9





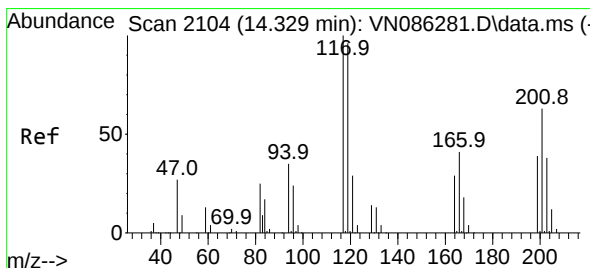
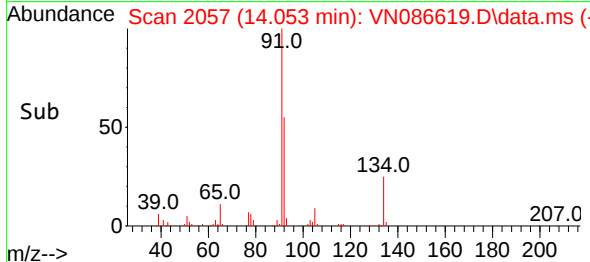
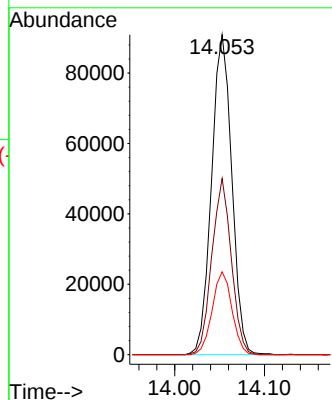
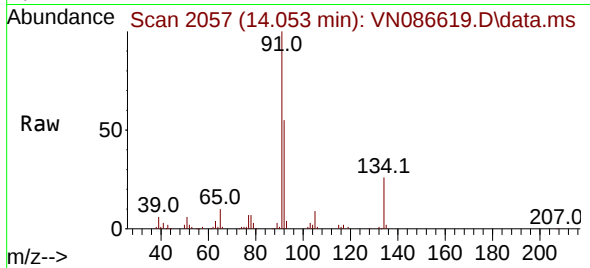
#89
n-Butylbenzene
Concen: 18.512 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01

Tgt Ion: 91 Resp: 142544
Ion Ratio Lower Upper
91 100
92 52.9 26.8 80.4
134 25.3 12.2 36.6

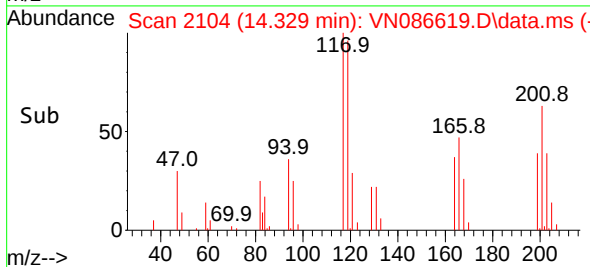
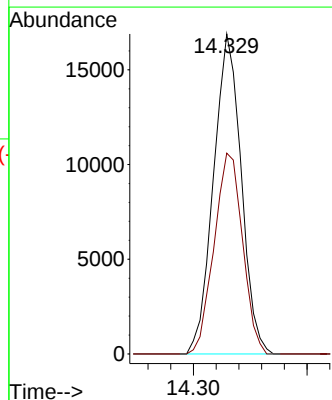
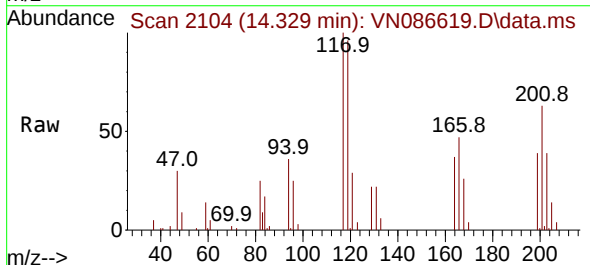
Manual Integrations
APPROVED

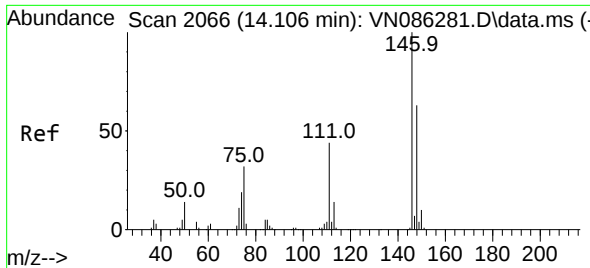
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#90
Hexachloroethane
Concen: 19.582 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

Tgt Ion:117 Resp: 28614
Ion Ratio Lower Upper
117 100
201 64.4 31.4 94.2





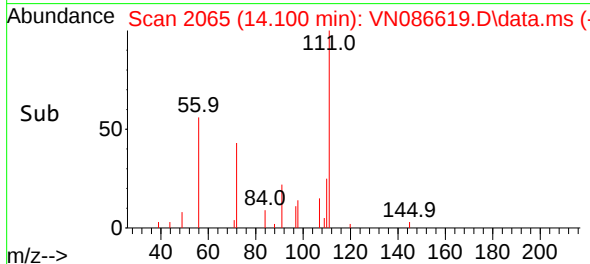
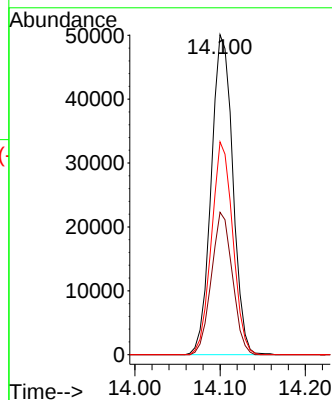
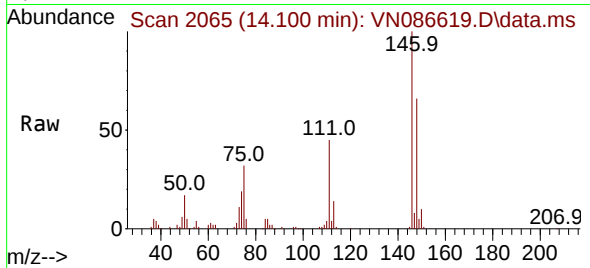
#91
1,2-Dichlorobenzene
Concen: 20.334 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01

Tgt Ion:146 Resp: 8798
Ion Ratio Lower Upper
146 100
111 43.3 22.4 67.0
148 65.8 31.8 95.4

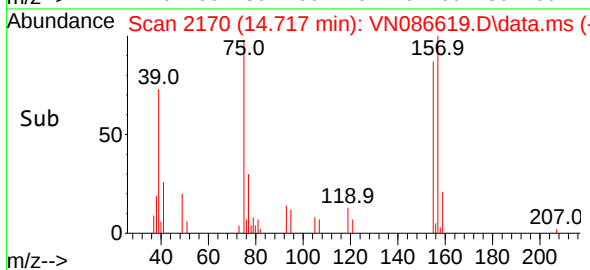
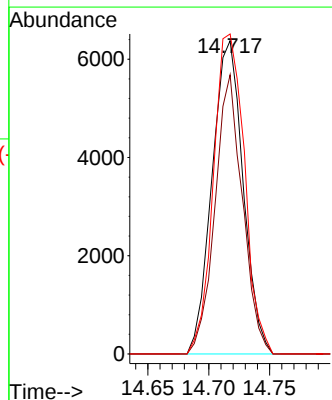
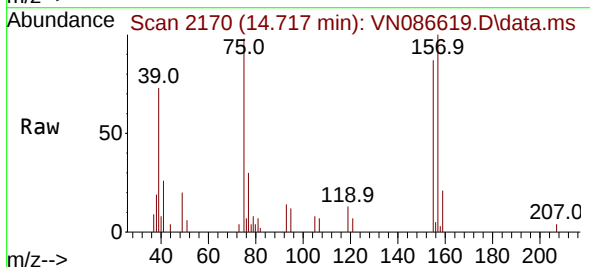
Manual Integrations
APPROVED

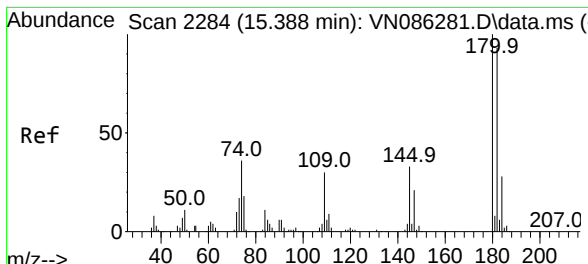
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.192 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

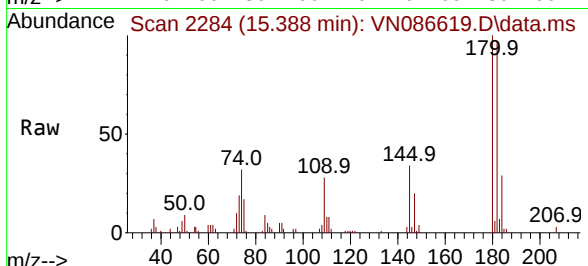
Tgt Ion: 75 Resp: 11300
Ion Ratio Lower Upper
75 100
155 79.0 40.3 120.9
157 102.0 49.0 147.2





#93
1,2,4-Trichlorobenzene
Concen: 18.313 ug/l
RT: 15.388 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

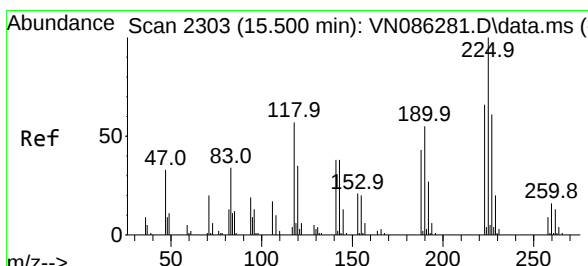
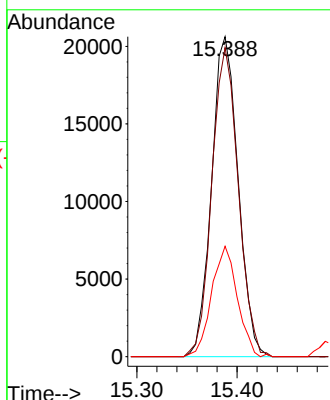
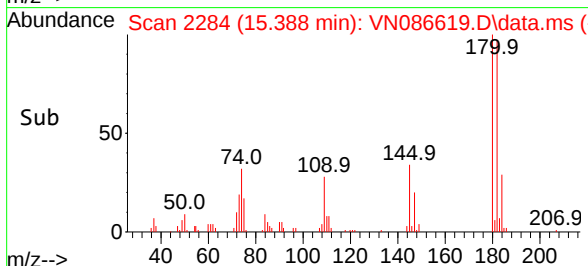
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01



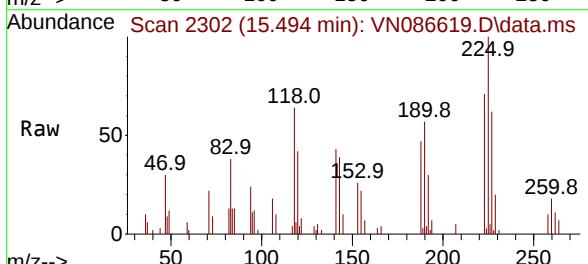
Tgt Ion:180 Resp: 3794
Ion Ratio Lower Upper
180 100
182 96.2 47.0 141.0
145 33.5 16.4 49.1

Manual Integrations
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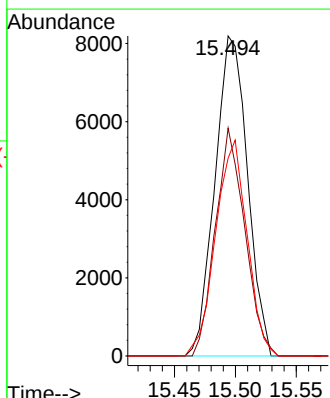
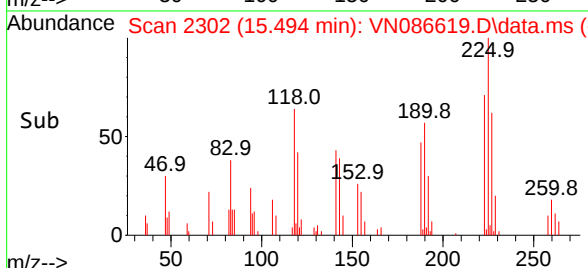
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

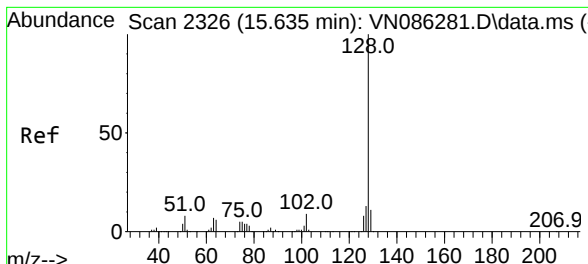


#94
Hexachlorobutadiene
Concen: 19.452 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58



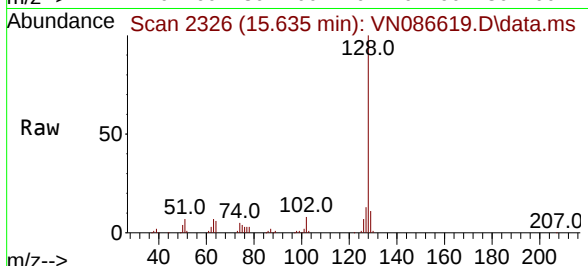
Tgt Ion:225 Resp: 15213
Ion Ratio Lower Upper
225 100
223 64.5 32.8 98.3
227 65.3 31.4 94.0





#95
Naphthalene
Concen: 17.051 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

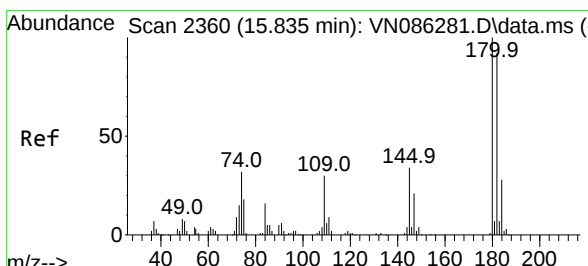
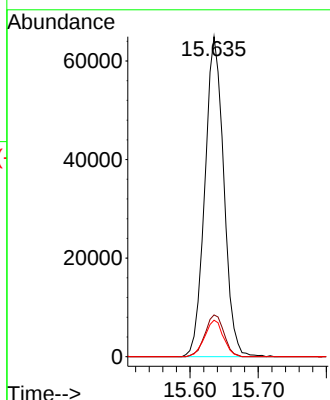
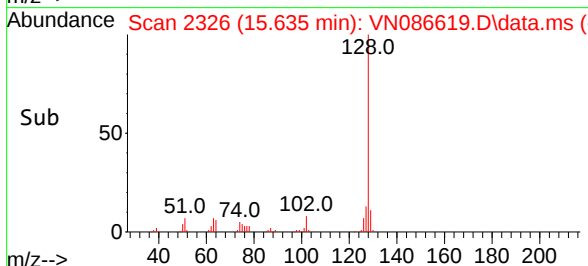
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01



Tgt Ion:128 Resp: 125220
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.3 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.767 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086619.D
Acq: 14 May 2025 11:58

Tgt Ion:180 Resp: 36812
Ion Ratio Lower Upper
180 100
182 93.8 47.3 142.0
145 33.0 17.2 51.5

