

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020425\
 Data File : VN085655.D
 Acq On : 04 Feb 2025 16:37
 Operator : JC\MD
 Sample : VN0204WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/05/2025
 Supervised By : Mahesh Dadoda 02/06/2025

Quant Time: Feb 05 01:07:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	250474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	394206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	352019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	163365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	172816	42.743	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.480%		
35) Dibromofluoromethane	8.165	113	142777	52.207	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.420%		
50) Toluene-d8	10.565	98	466570	48.017	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.040%		
62) 4-Bromofluorobenzene	12.847	95	159331	47.936	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	67634	19.943	ug/l	98
3) Chloromethane	2.359	50	63076	17.178	ug/l	100
4) Vinyl Chloride	2.506	62	76128	20.627	ug/l	97
5) Bromomethane	2.953	94	49884	22.376	ug/l	98
6) Chloroethane	3.118	64	50094	21.408	ug/l #	87
7) Trichlorofluoromethane	3.495	101	112309	20.972	ug/l	100
8) Diethyl Ether	3.965	74	38321	20.714	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.377	101	63013	20.891	ug/l	98
10) Methyl Iodide	4.589	142	81140	23.491	ug/l #	97
11) Tert butyl alcohol	5.518	59	52265	112.891	ug/l	99
12) 1,1-Dichloroethene	4.336	96	58315	21.693	ug/l	88
13) Acrolein	4.177	56	40152	63.532	ug/l	99
14) Allyl chloride	5.024	41	74722	17.130	ug/l	95
15) Acrylonitrile	5.718	53	148522	100.998	ug/l	99
16) Acetone	4.424	43	121256	92.818	ug/l	94
17) Carbon Disulfide	4.706	76	168991	20.417	ug/l	99
18) Methyl Acetate	5.024	43	73954	18.617	ug/l	92
19) Methyl tert-butyl Ether	5.794	73	190486	21.823	ug/l	96
20) Methylene Chloride	5.277	84	66374	20.523	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	59956	20.870	ug/l	96
22) Diisopropyl ether	6.671	45	179895	18.581	ug/l	97
23) Vinyl Acetate	6.606	43	648302	95.681	ug/l	96
24) 1,1-Dichloroethane	6.559	63	113758	19.269	ug/l	97
25) 2-Butanone	7.483	43	189350	98.494	ug/l	94
26) 2,2-Dichloropropane	7.488	77	100142	20.981	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	70286	20.772	ug/l	94
28) Bromochloromethane	7.812	49	42897	15.618	ug/l #	82
29) Tetrahydrofuran	7.841	42	123148	101.037	ug/l	89
30) Chloroform	7.965	83	120068	19.678	ug/l	95
31) Cyclohexane	8.253	56	92756	18.077	ug/l #	87
32) 1,1,1-Trichloroethane	8.171	97	107522	20.090	ug/l	94
36) 1,1-Dichloropropene	8.371	75	80237	20.905	ug/l	97
37) Ethyl Acetate	7.559	43	75695	19.538	ug/l #	95
38) Carbon Tetrachloride	8.359	117	93378	21.250	ug/l	99
39) Methylcyclohexane	9.600	83	74735	20.720	ug/l	94
40) Benzene	8.606	78	256293	22.223	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	42732	21.201	ug/l	94
42) 1,2-Dichloroethane	8.665	62	80112	18.444	ug/l	98
43) Isopropyl Acetate	8.688	43	129867	20.920	ug/l	100
44) Trichloroethene	9.353	130	54471	20.291	ug/l	96
45) 1,2-Dichloropropane	9.618	63	54518	18.507	ug/l	92
46) Dibromomethane	9.706	93	42107	19.810	ug/l	97
47) Bromodichloromethane	9.888	83	82292	19.003	ug/l	99
48) Methyl methacrylate	9.682	41	50846	18.201	ug/l #	86
49) 1,4-Dioxane	9.694	88	19845	421.835	ug/l	92
51) 4-Methyl-2-Pentanone	10.441	43	349156	96.926	ug/l	93
52) Toluene	10.629	92	143888	21.533	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	82951	20.270	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	88864	20.329	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	55559	21.009	ug/l	95
56) Ethyl methacrylate	10.871	69	83221	19.891	ug/l	88
57) 1,3-Dichloropropane	11.165	76	93182	20.265	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	114733	68.367	ug/l	95
59) 2-Hexanone	11.194	43	256296	101.116	ug/l	92
60) Dibromochloromethane	11.359	129	63273	19.818	ug/l	98
61) 1,2-Dibromoethane	11.465	107	54817	20.824	ug/l	100
64) Tetrachloroethene	11.100	164	49290	20.539	ug/l	98
65) Chlorobenzene	11.888	112	159321	20.660	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	54350	19.203	ug/l	98
67) Ethyl Benzene	11.965	91	268719	21.395	ug/l	100
68) m/p-Xylenes	12.070	106	210638	45.376	ug/l	93
69) o-Xylene	12.400	106	102151	23.027	ug/l	98
70) Styrene	12.412	104	169955	23.149	ug/l	95
71) Bromoform	12.576	173	42989	21.228	ug/l #	100
73) Isopropylbenzene	12.694	105	257943	23.395	ug/l	100
74) N-amyl acetate	12.494	43	100117	20.202	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	78295	20.103	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	64365m	19.385	ug/l	
77) Bromobenzene	12.982	156	62751	21.784	ug/l	90
78) n-propylbenzene	13.035	91	286507	21.950	ug/l	94
79) 2-Chlorotoluene	13.123	91	179331	21.229	ug/l	95
80) 1,3,5-Trimethylbenzene	13.170	105	202037	22.184	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	27819m	22.668	ug/l	
82) 4-Chlorotoluene	13.217	91	173140	20.584	ug/l	95
83) tert-Butylbenzene	13.435	119	180098	23.548	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	208039	22.919	ug/l	96
85) sec-Butylbenzene	13.612	105	242783	22.904	ug/l	98
86) p-Isopropyltoluene	13.729	119	204722	22.987	ug/l	97
87) 1,3-Dichlorobenzene	13.729	146	106100	20.000	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	107417	19.535	ug/l	99
89) n-Butylbenzene	14.053	91	175860	23.126	ug/l	98
90) Hexachloroethane	14.329	117	37770	18.717	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	107206	20.260	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	15213	21.390	ug/l	85
93) 1,2,4-Trichlorobenzene	15.388	180	51534	20.954	ug/l	95
94) Hexachlorobutadiene	15.500	225	21348	16.350	ug/l	96
95) Naphthalene	15.635	128	208295	28.382	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.841	180	49703	19.973	ug/l	95

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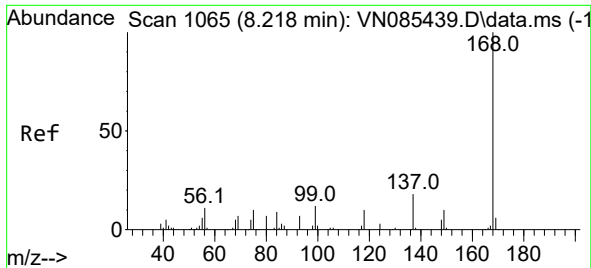
Manual Integrations
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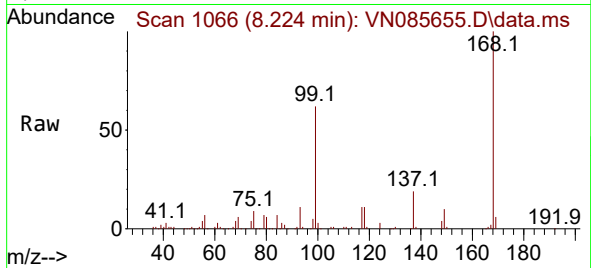
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085655.D
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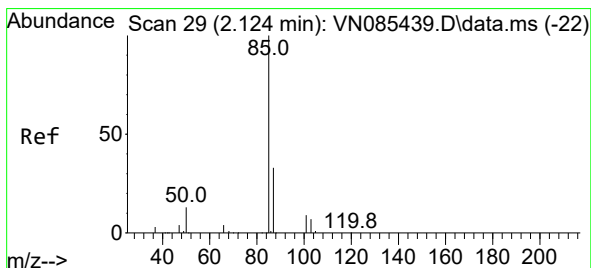
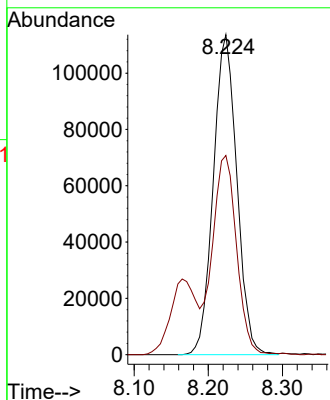
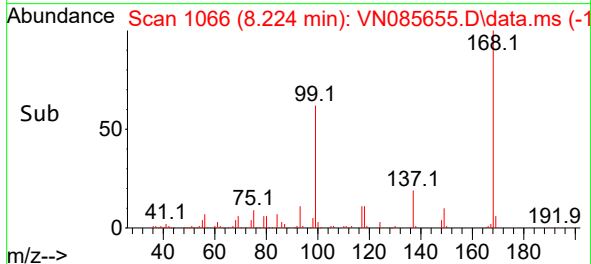
Instrument :
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ClientSampleId :
VN0204WBSD02



Tgt Ion:168 Resp: 250474
Ion Ratio Lower Upper
168 100
99 61.9 53.6 80.4

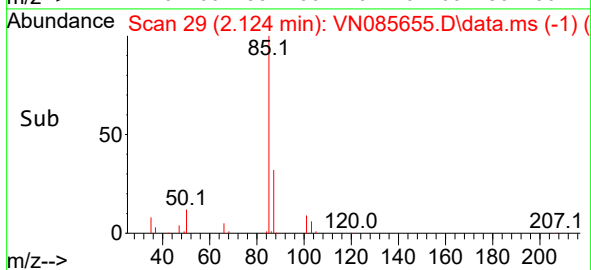
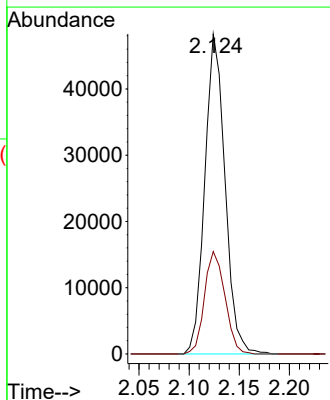
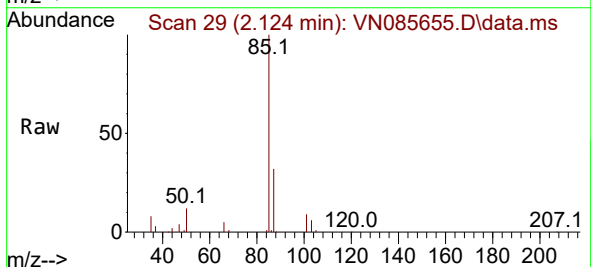
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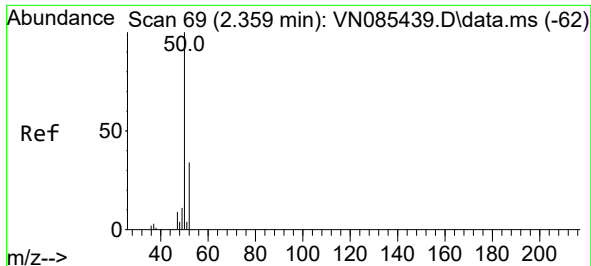
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#2
Dichlorodifluoromethane
Concen: 19.943 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

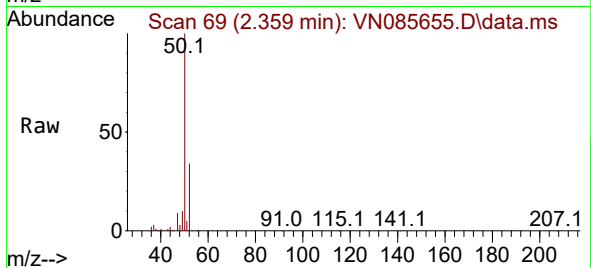
Tgt Ion: 85 Resp: 67634
Ion Ratio Lower Upper
85 100
87 32.0 16.7 50.1





#3
Chloromethane
Concen: 17.178 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

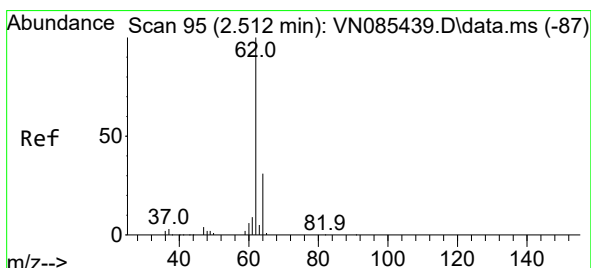
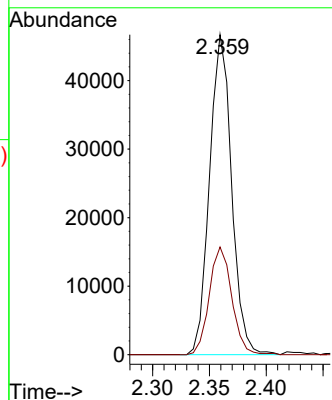
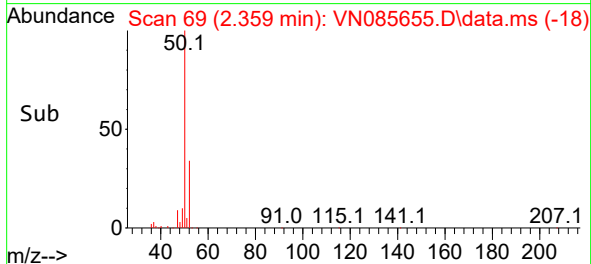
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Tgt Ion: 50 Resp: 63070
Ion Ratio Lower Upper
50 100
52 33.7 27.0 40.6

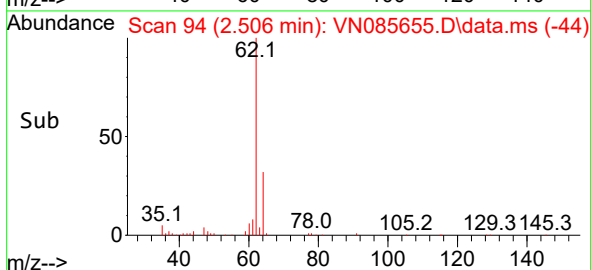
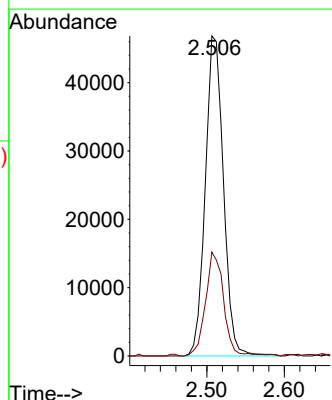
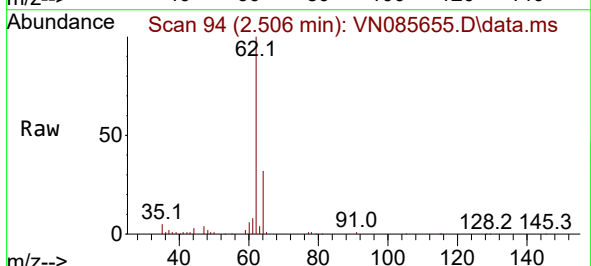
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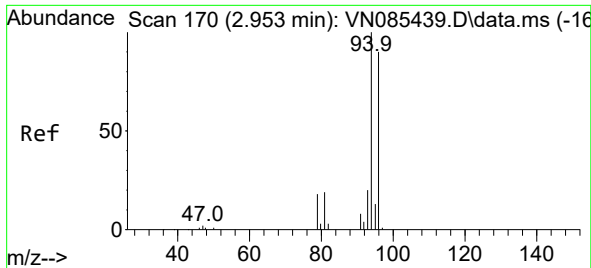
Reviewed By :John Carlone 02/05/2025
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#4
Vinyl Chloride
Concen: 20.627 ug/l
RT: 2.506 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

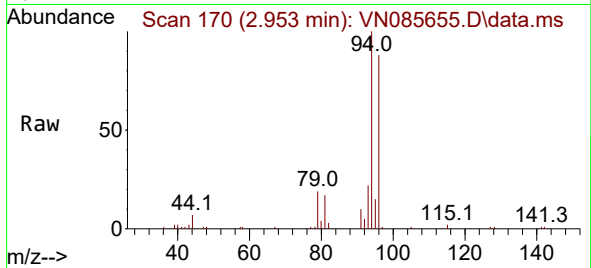
Tgt Ion: 62 Resp: 76128
Ion Ratio Lower Upper
62 100
64 32.5 24.8 37.2





#5
Bromomethane
Concen: 22.376 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

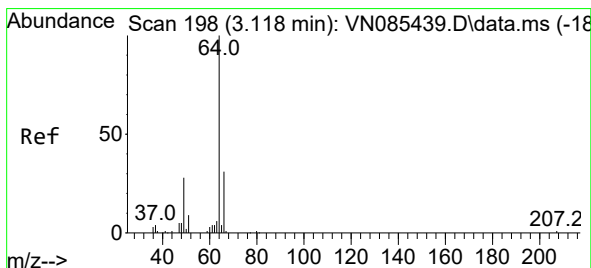
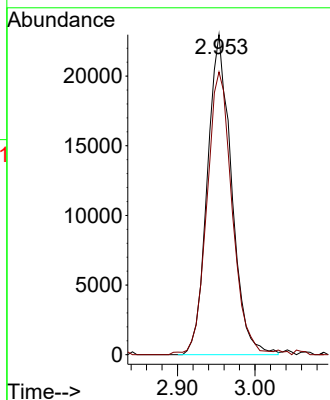
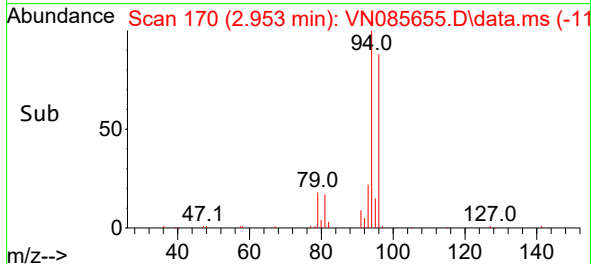
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Tgt Ion: 94 Resp: 49884
Ion Ratio Lower Upper
94 100
96 87.6 71.8 107.6

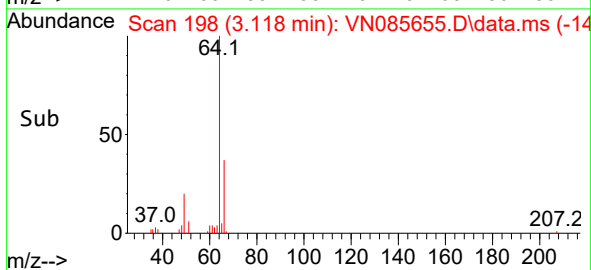
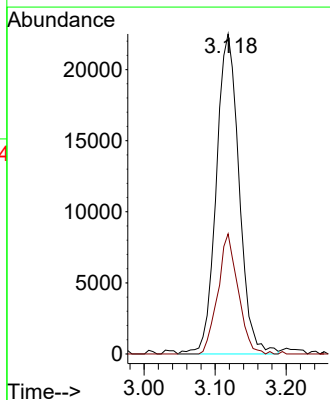
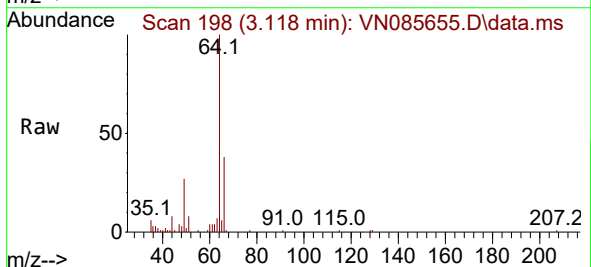
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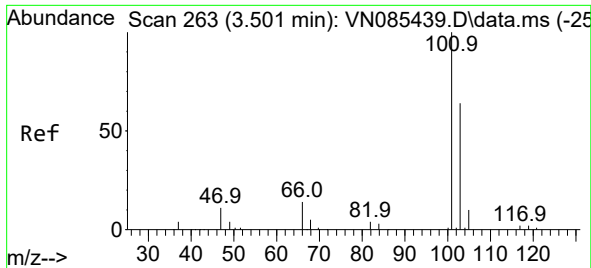
Reviewed By :John Carlone 02/05/2025
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#6
Chloroethane
Concen: 21.408 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
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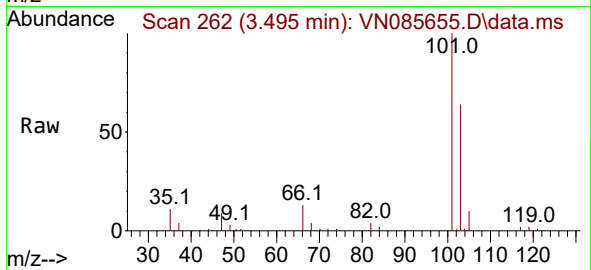
Tgt Ion: 64 Resp: 50094
Ion Ratio Lower Upper
64 100
66 37.5 24.6 36.8#





#7
Trichlorofluoromethane
Concen: 20.972 ug/l
RT: 3.495 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN085655.D
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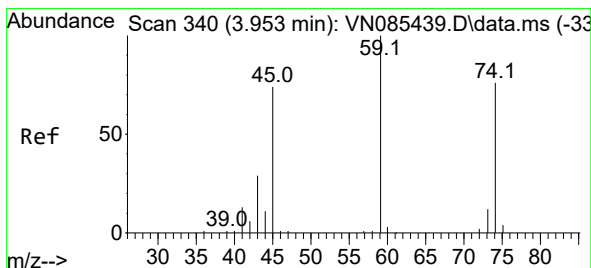
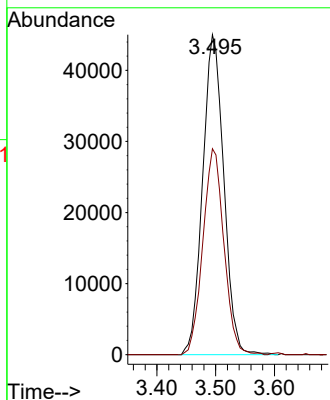
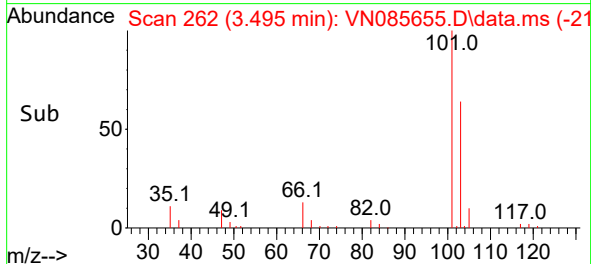
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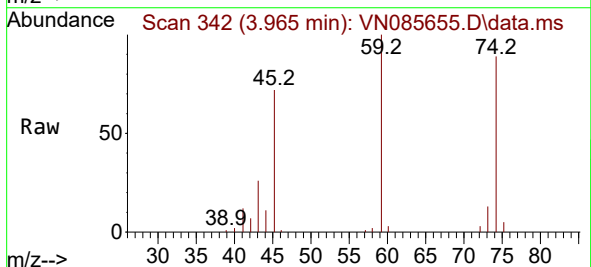
Tgt Ion:101 Resp: 112309
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

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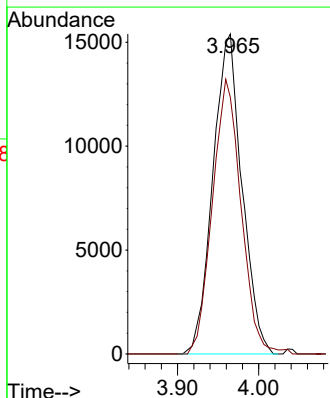
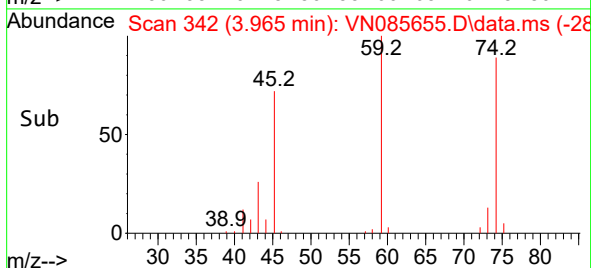
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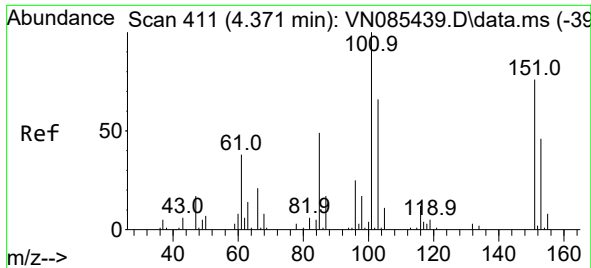


#8
Diethyl Ether
Concen: 20.714 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.012 min
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Tgt Ion: 74 Resp: 38321
Ion Ratio Lower Upper
74 100
45 84.5 49.7 149.1





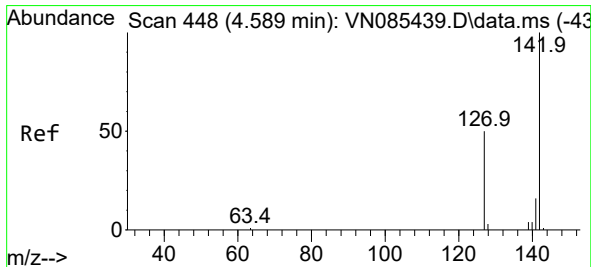
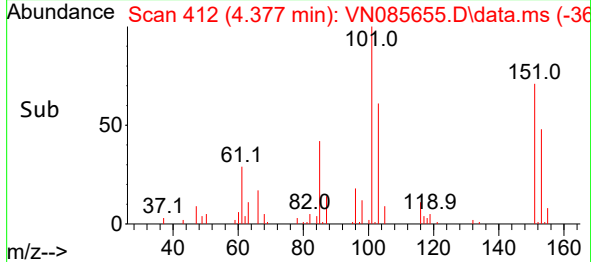
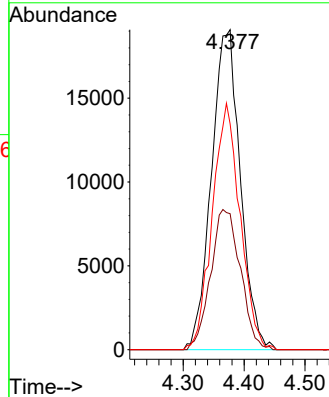
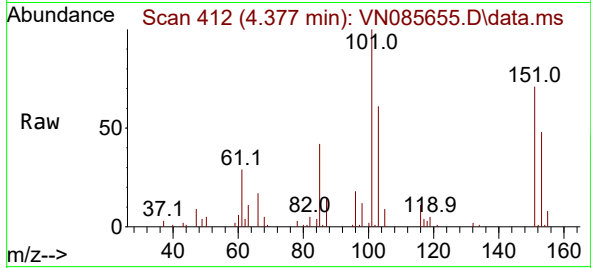
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.891 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

Instrument :
MSVOA_N
ClientSampleId :
VN0204WBSD02

Tgt Ion:101 Resp: 6301
Ion Ratio Lower Upper
101 100
85 45.0 37.8 56.8
151 73.8 58.8 88.2

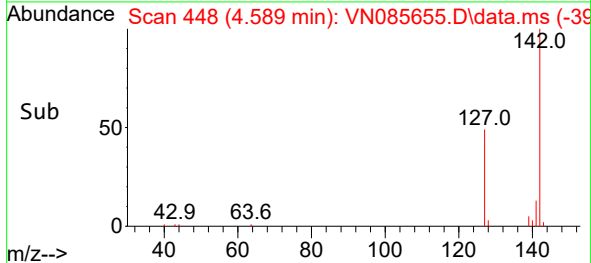
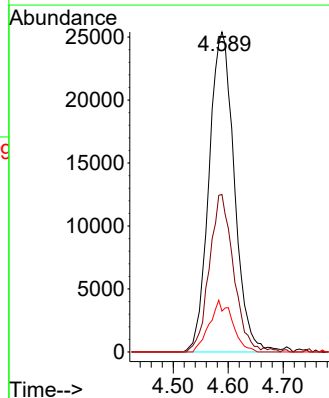
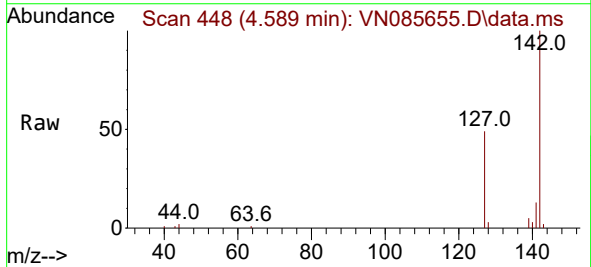
Manual Integrations
APPROVED

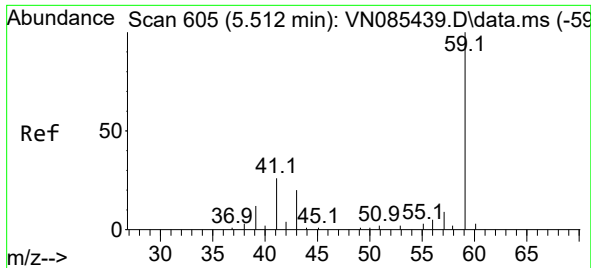
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#10
Methyl Iodide
Concen: 23.491 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

Tgt Ion:142 Resp: 81140
Ion Ratio Lower Upper
142 100
127 49.2 40.3 60.5
141 12.8 12.8 19.2#





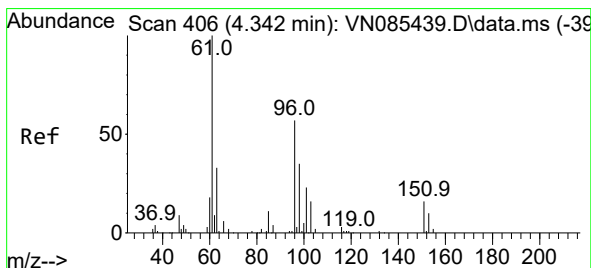
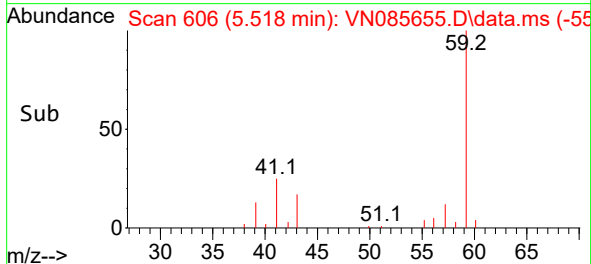
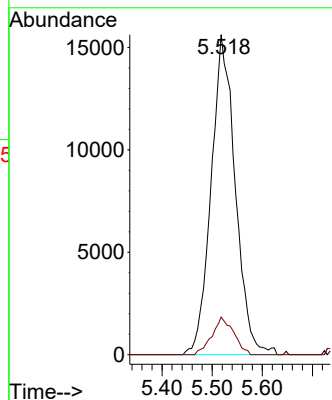
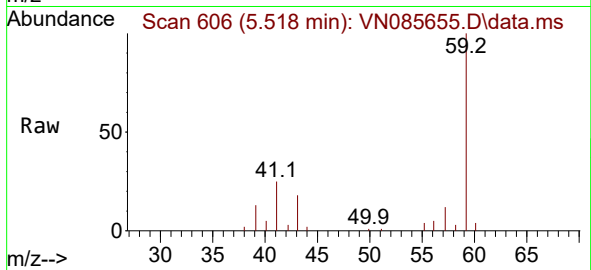
#11
Tert butyl alcohol
Concen: 112.891 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

Instrument :
MSVOA_N
ClientSampleId :
VN0204WBSD02

Tgt Ion: 59 Resp: 5226
Ion Ratio Lower Upper
59 100
57 10.5 8.6 13.0

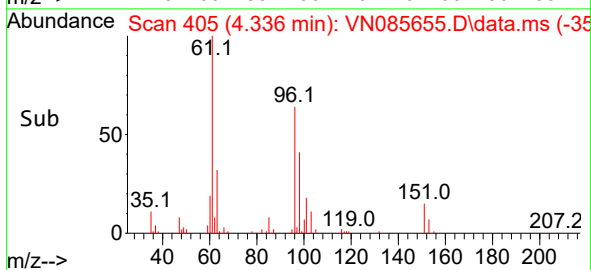
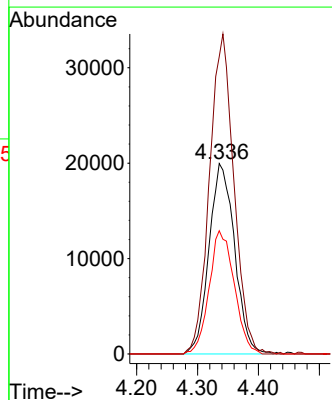
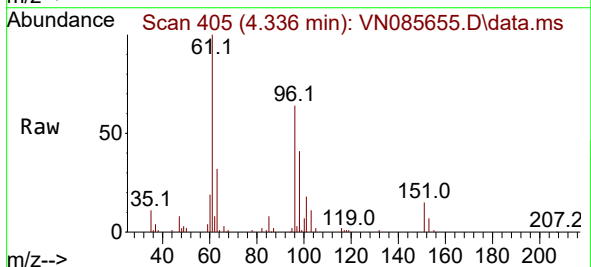
Manual Integrations
APPROVED

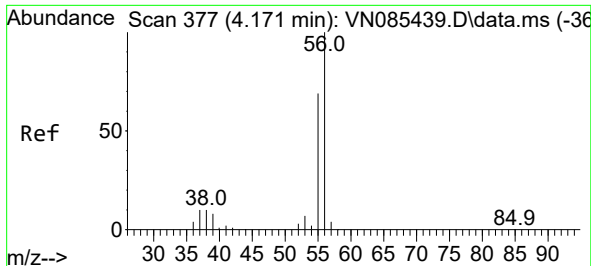
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#12
1,1-Dichloroethene
Concen: 21.693 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

Tgt Ion: 96 Resp: 58315
Ion Ratio Lower Upper
96 100
61 156.2 141.0 211.4
98 64.7 49.0 73.6





#13

Acrolein

Concen: 63.532 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN085655.D

Acq: 04 Feb 2025 16:37

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBSD02

Tgt Ion: 56 Resp: 4015

Ion Ratio Lower Upper

56 100

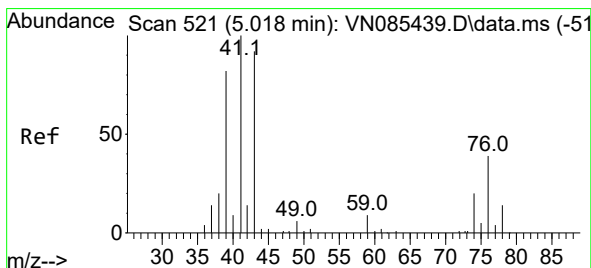
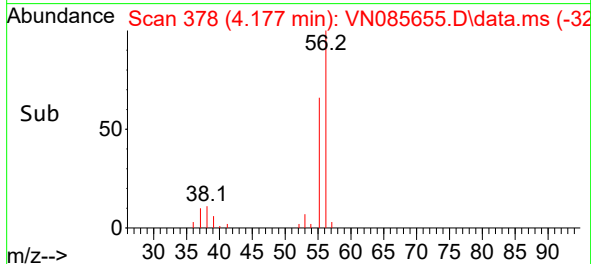
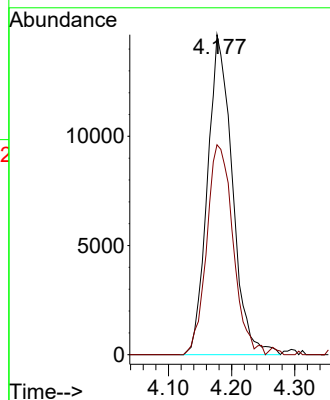
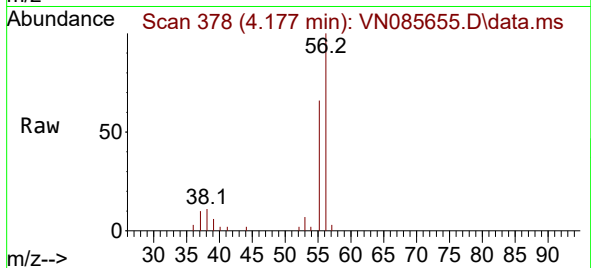
55 69.4 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#14

Allyl chloride

Concen: 17.130 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN085655.D

Acq: 04 Feb 2025 16:37

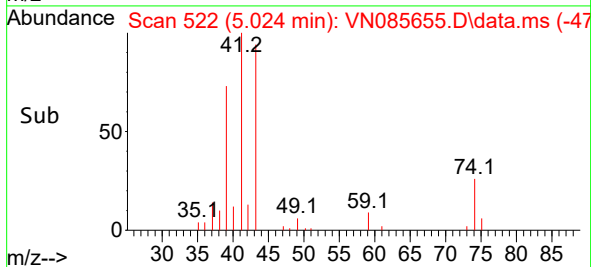
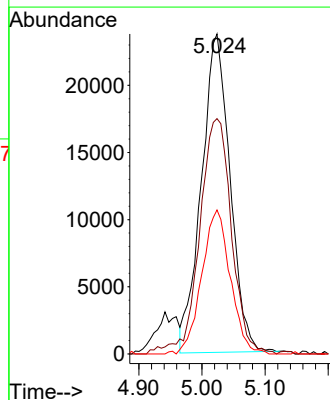
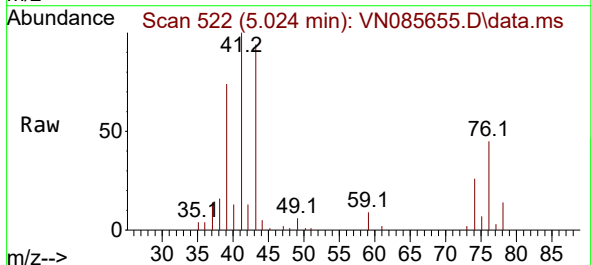
Tgt Ion: 41 Resp: 74722

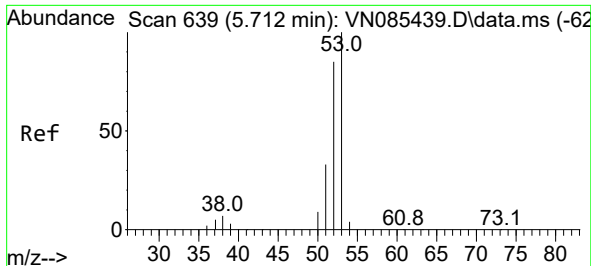
Ion Ratio Lower Upper

41 100

39 82.0 64.4 96.6

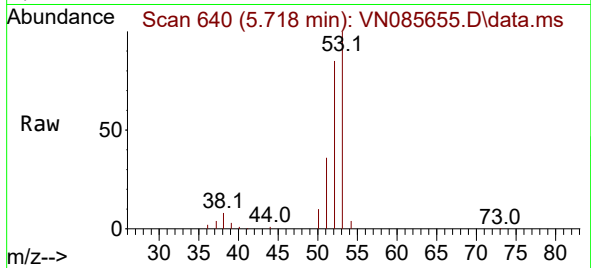
76 45.2 30.5 45.7





#15
Acrylonitrile
Concen: 100.998 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

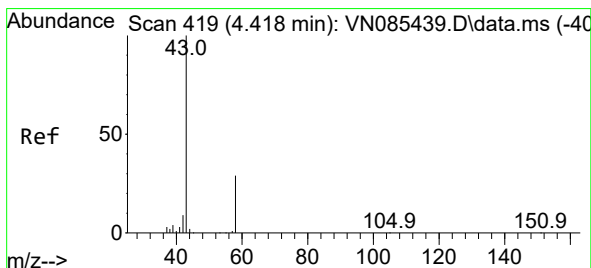
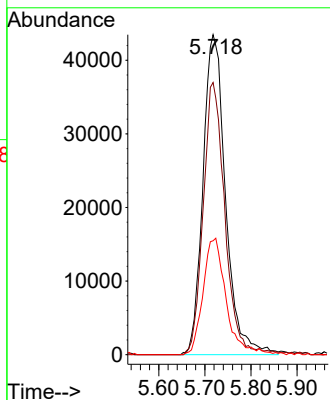
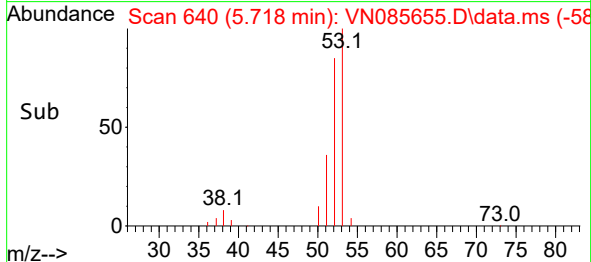
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBSD02



Tgt Ion: 53 Resp: 14852
Ion Ratio Lower Upper
53 100
52 81.1 65.5 98.3
51 36.5 29.8 44.8

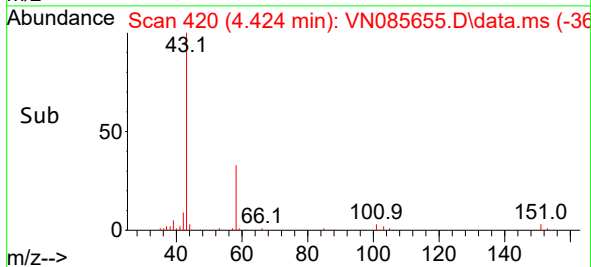
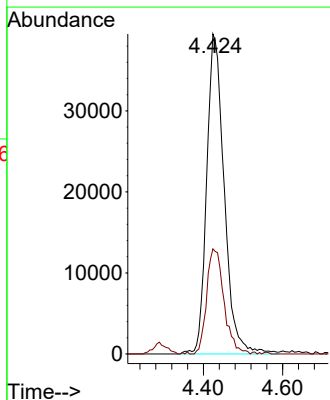
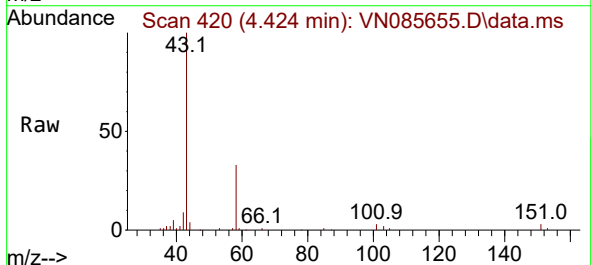
Manual Integrations
APPROVED

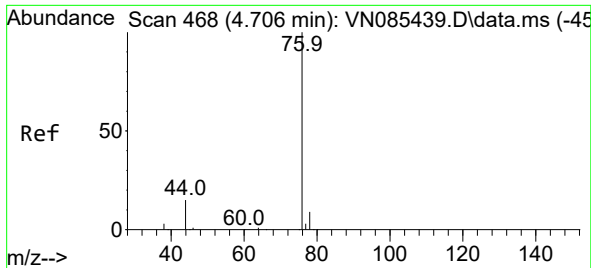
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#16
Acetone
Concen: 92.818 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

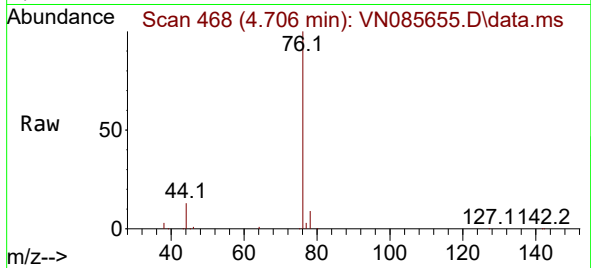
Tgt Ion: 43 Resp: 121256
Ion Ratio Lower Upper
43 100
58 32.9 23.8 35.6





#17
Carbon Disulfide
Concen: 20.417 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

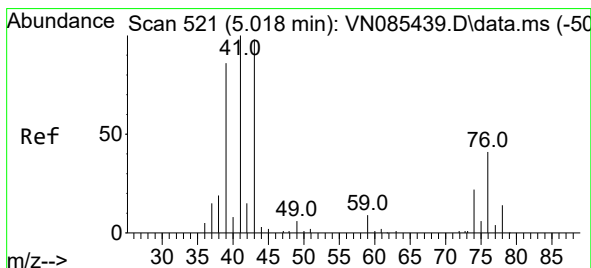
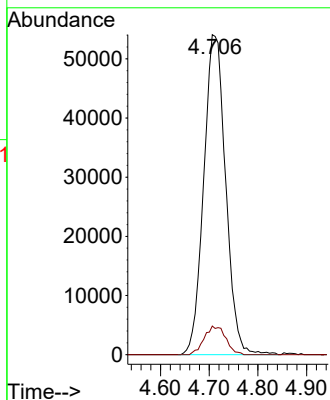
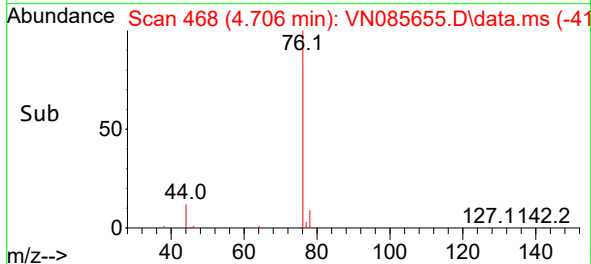
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBSD02



Tgt Ion: 76 Resp: 16899
Ion Ratio Lower Upper
76 100
78 8.9 6.9 10.3

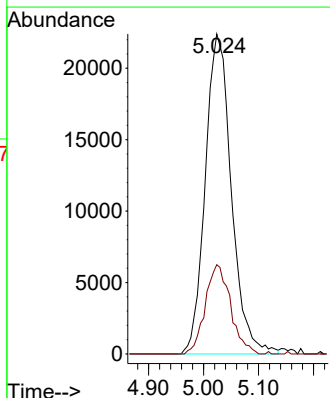
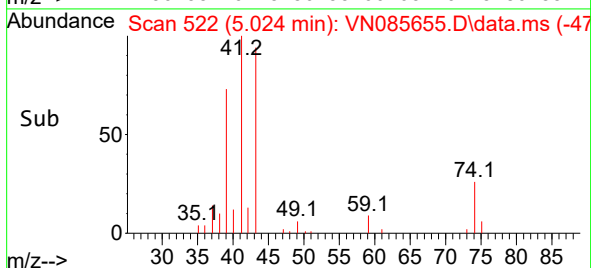
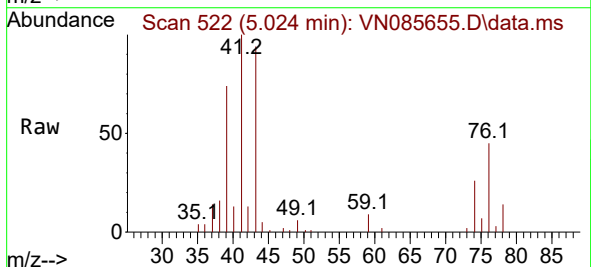
Manual Integrations
APPROVED

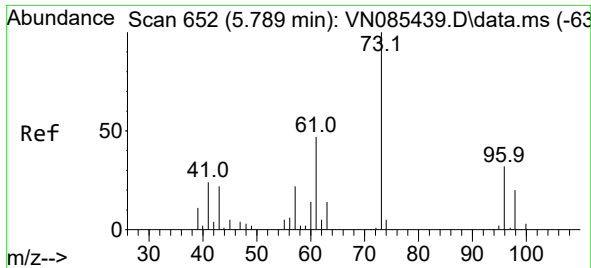
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#18
Methyl Acetate
Concen: 18.617 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

Tgt Ion: 43 Resp: 73954
Ion Ratio Lower Upper
43 100
74 27.0 18.6 28.0





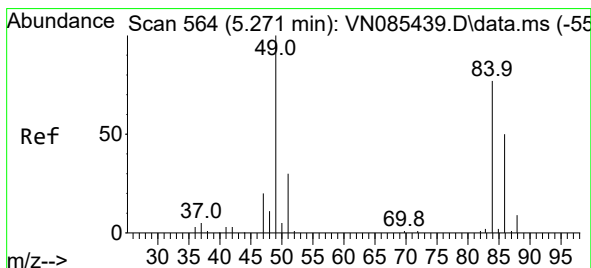
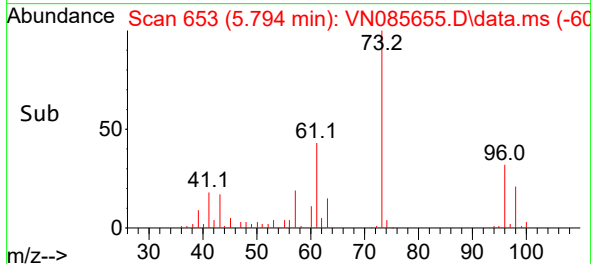
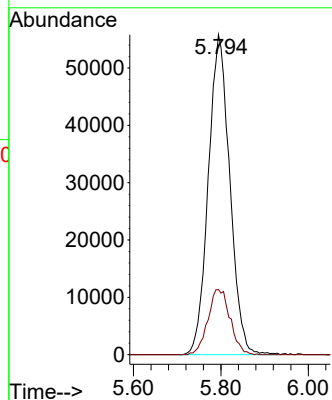
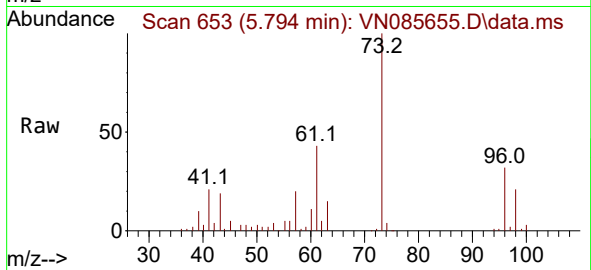
#19
Methyl tert-butyl Ether
Concen: 21.823 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

Instrument :
MSVOA_N
ClientSampleId :
VN0204WBSD02

Tgt Ion: 73 Resp: 190486
Ion Ratio Lower Upper
73 100
57 20.3 17.8 26.8

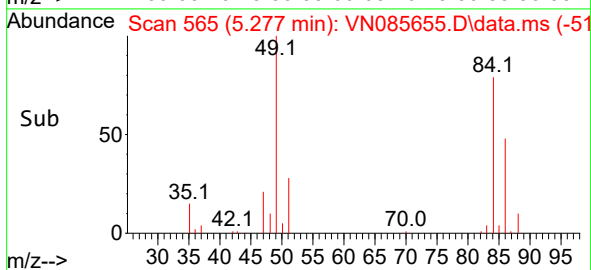
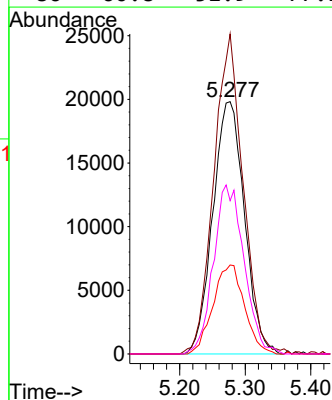
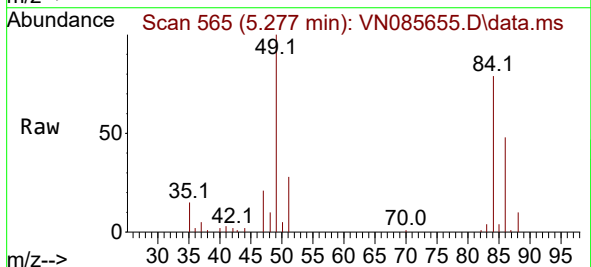
Manual Integrations
APPROVED

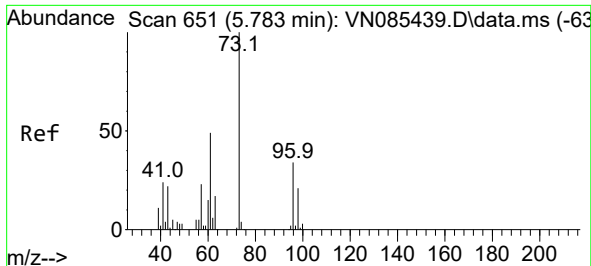
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#20
Methylene Chloride
Concen: 20.523 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

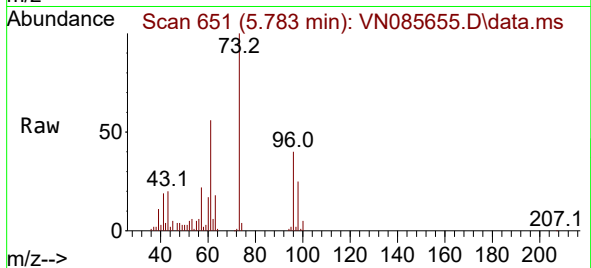
Tgt Ion: 84 Resp: 66374
Ion Ratio Lower Upper
84 100
49 126.8 104.1 156.1
51 35.3 31.0 46.4
86 60.8 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 20.870 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

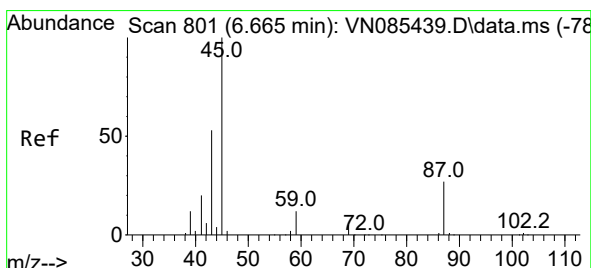
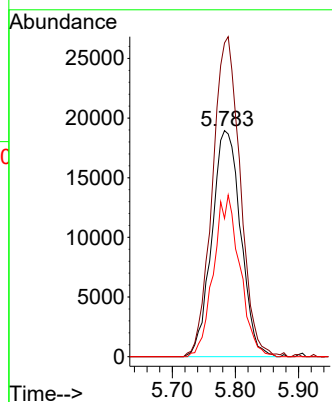
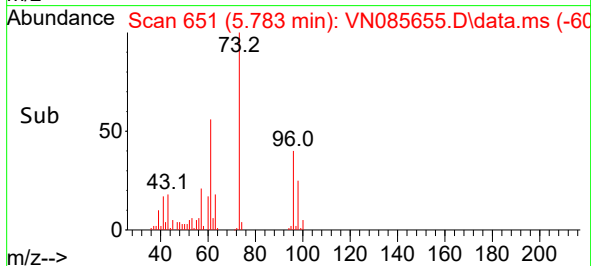
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBSD02



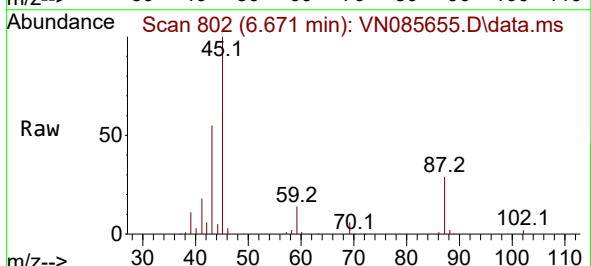
Tgt Ion: 96 Resp: 59950
Ion Ratio Lower Upper
96 100
61 138.8 115.7 173.5
98 61.2 49.8 74.8

Manual Integrations
APPROVED

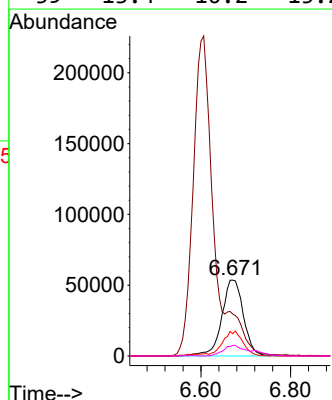
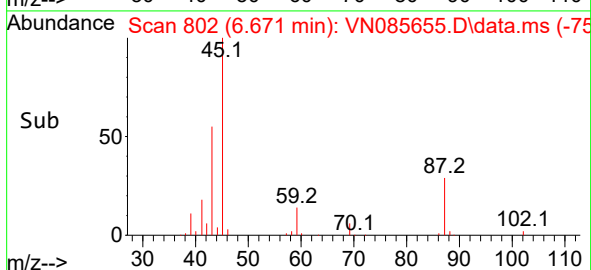
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

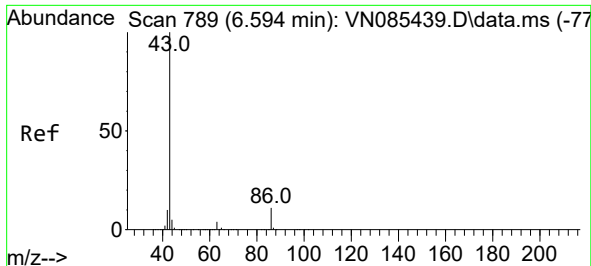


#22
Diisopropyl ether
Concen: 18.581 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37



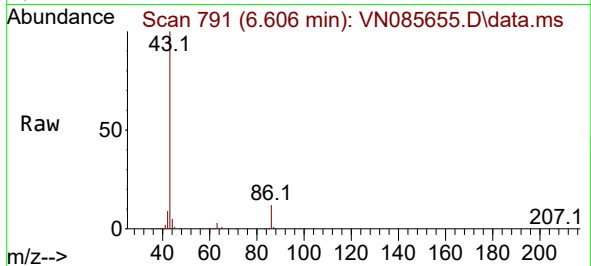
Tgt Ion: 45 Resp: 179895
Ion Ratio Lower Upper
45 100
43 53.7 45.0 67.6
87 29.4 21.8 32.8
59 13.4 10.2 15.2





#23
 Vinyl Acetate
 Concen: 95.681 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.012 min
 Lab File: VN085655.D
 Acq: 04 Feb 2025 16:37

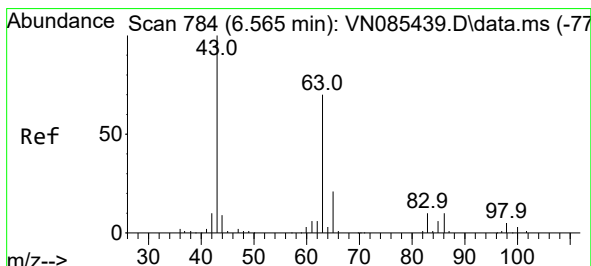
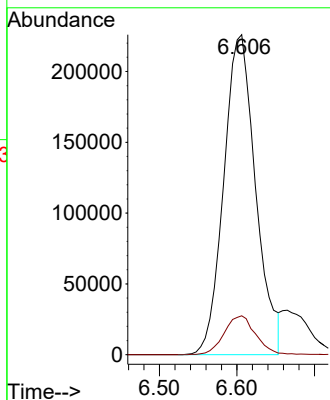
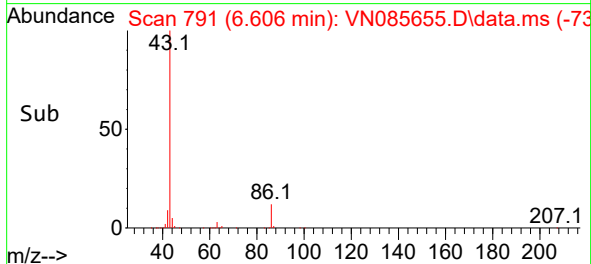
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204WBSD02



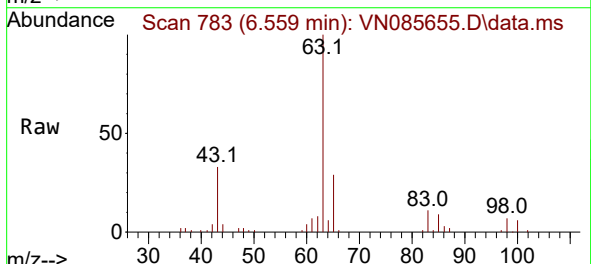
Tgt Ion: 43 Resp: 648302
 Ion Ratio Lower Upper
 43 100
 86 12.1 8.4 12.6

Manual Integrations
 APPROVED

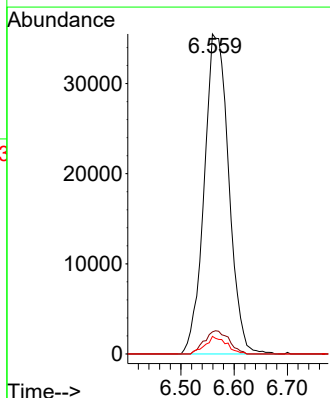
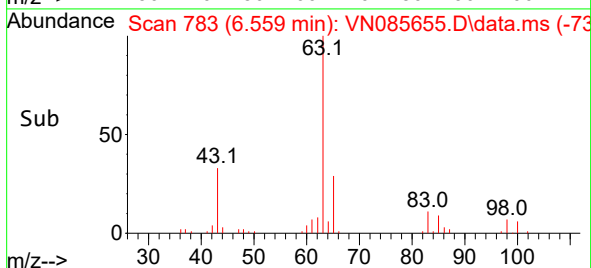
Reviewed By :John Carlone 02/05/2025
 Supervised By :Mahesh Dadoda 02/06/2025

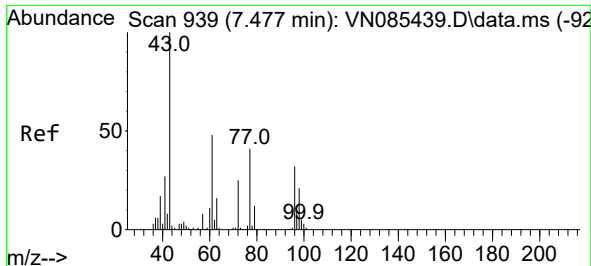


#24
 1,1-Dichloroethane
 Concen: 19.269 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.006 min
 Lab File: VN085655.D
 Acq: 04 Feb 2025 16:37



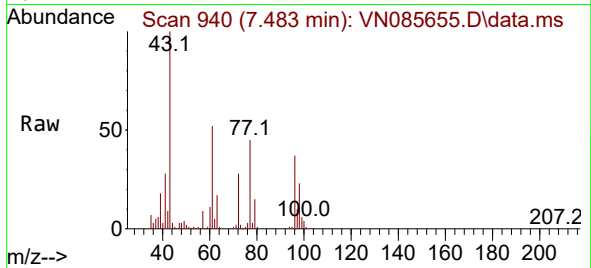
Tgt Ion: 63 Resp: 113758
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.8
 100 5.5 2.0 6.0





#25
2-Butanone
Concen: 98.494 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

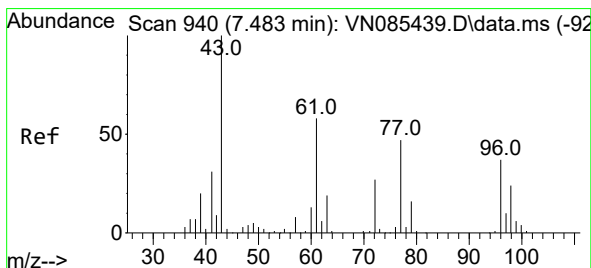
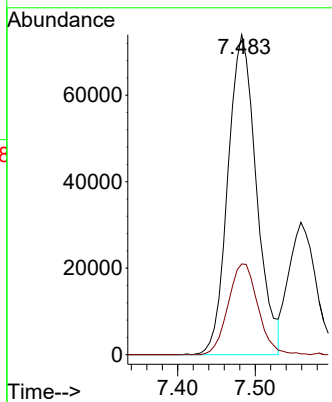
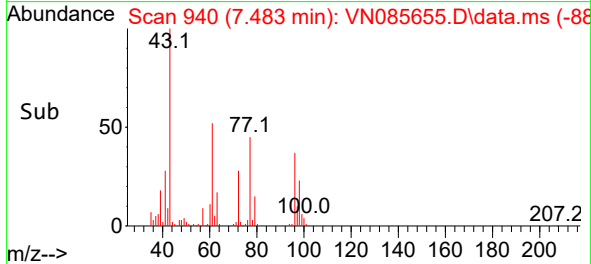
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBSD02



Tgt Ion: 43 Resp: 189350
Ion Ratio Lower Upper
43 100
72 28.3 20.2 30.4

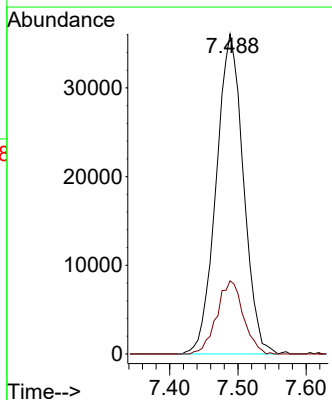
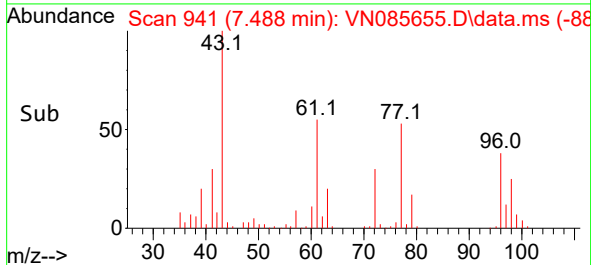
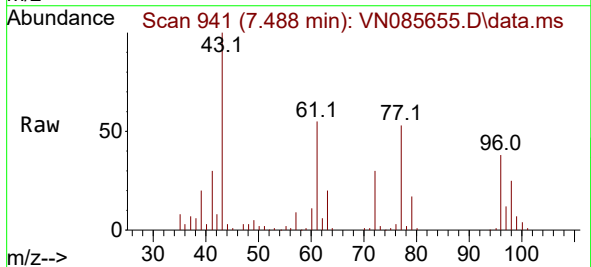
Manual Integrations
APPROVED

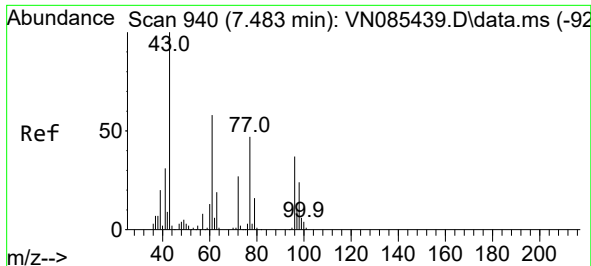
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#26
2,2-Dichloropropane
Concen: 20.981 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

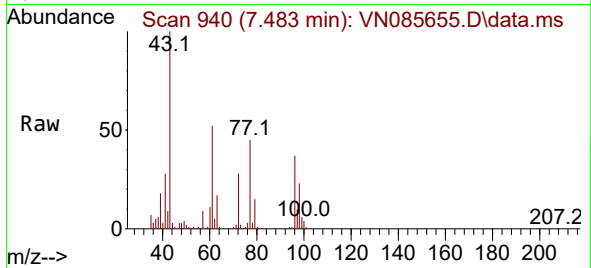
Tgt Ion: 77 Resp: 100142
Ion Ratio Lower Upper
77 100
97 22.2 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 20.772 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085655.D
 Acq: 04 Feb 2025 16:37

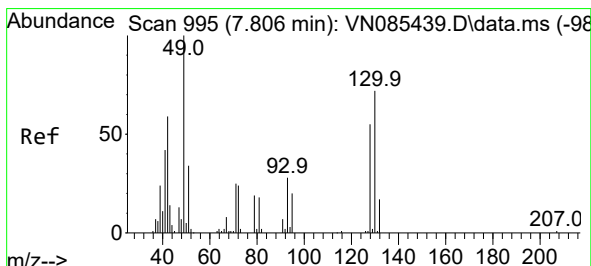
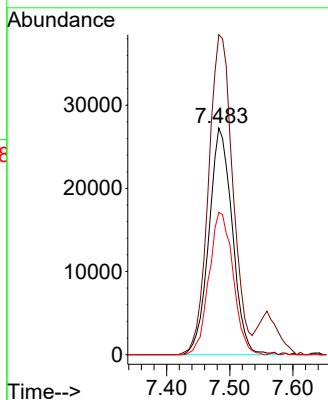
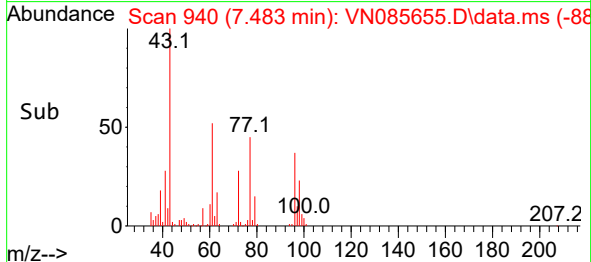
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204WBSD02



Tgt Ion: 96 Resp: 70280
 Ion Ratio Lower Upper
 96 100
 61 146.4 0.0 311.8
 98 64.4 0.0 126.0

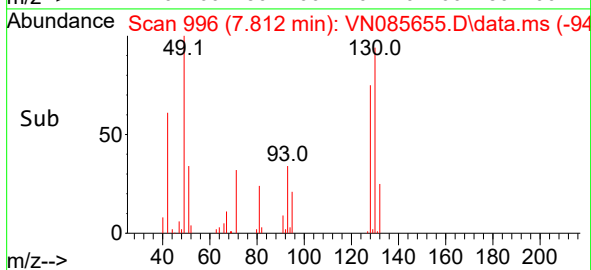
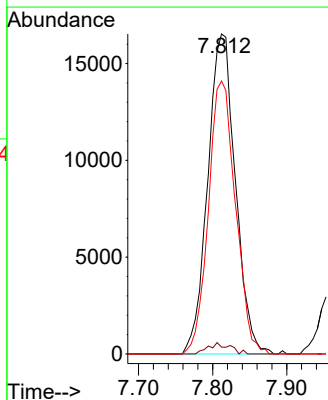
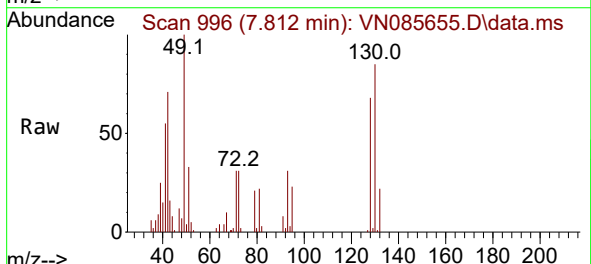
Manual Integrations
 APPROVED

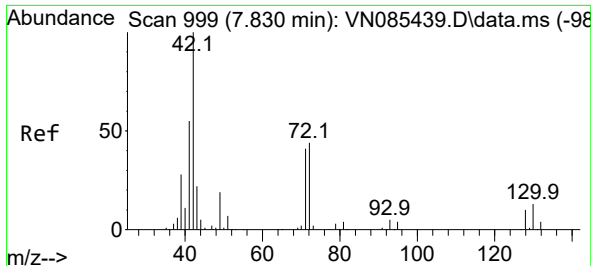
Reviewed By :John Carlone 02/05/2025
 Supervised By :Mahesh Dadoda 02/06/2025



#28
 Bromochloromethane
 Concen: 15.618 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085655.D
 Acq: 04 Feb 2025 16:37

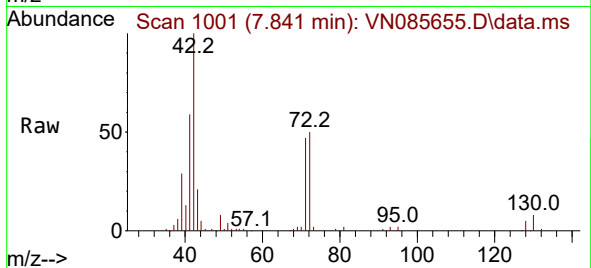
Tgt Ion: 49 Resp: 42897
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 4.4
 130 83.5 55.0 82.4#





#29
Tetrahydrofuran
Concen: 101.037 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

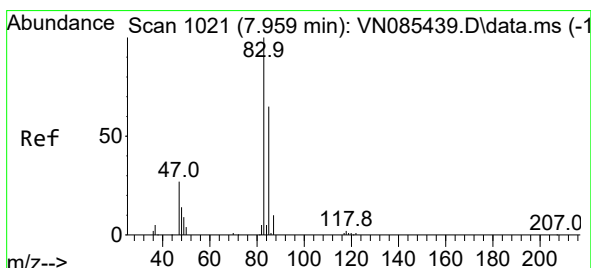
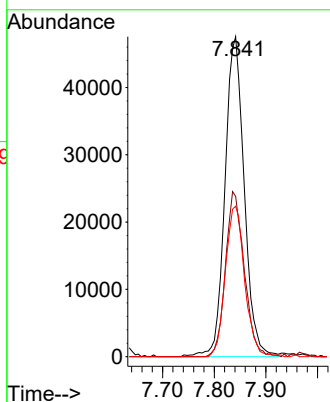
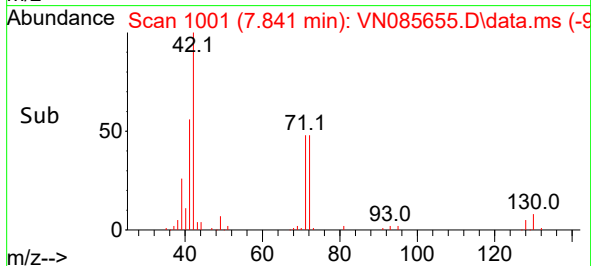
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBSD02



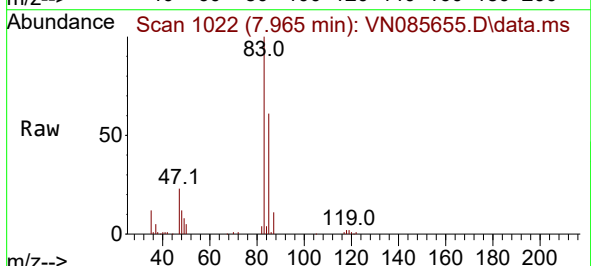
Tgt Ion: 42 Resp: 123148
Ion Ratio Lower Upper
42 100
72 50.3 34.2 51.2
71 47.2 32.5 48.7

Manual Integrations
APPROVED

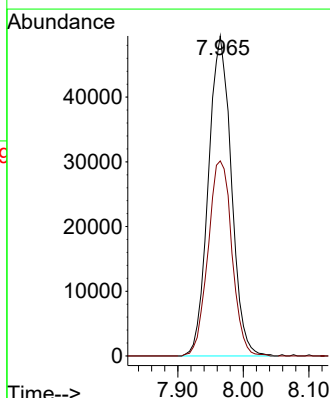
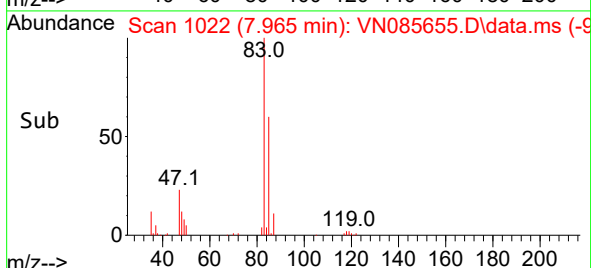
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

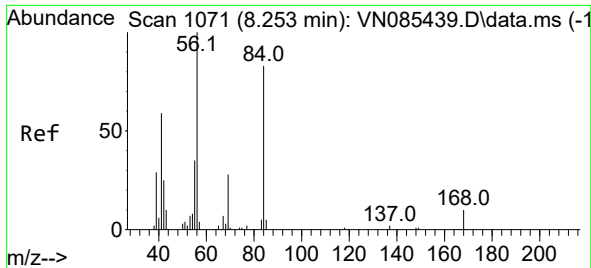


#30
Chloroform
Concen: 19.678 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37



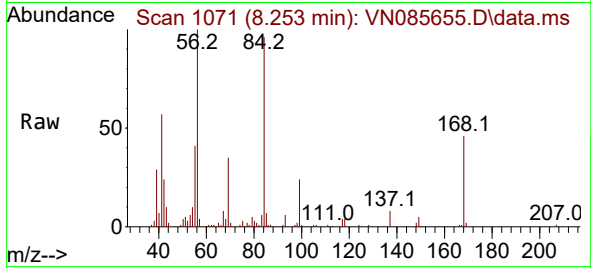
Tgt Ion: 83 Resp: 120068
Ion Ratio Lower Upper
83 100
85 61.0 51.8 77.6





#31
Cyclohexane
Concen: 18.077 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

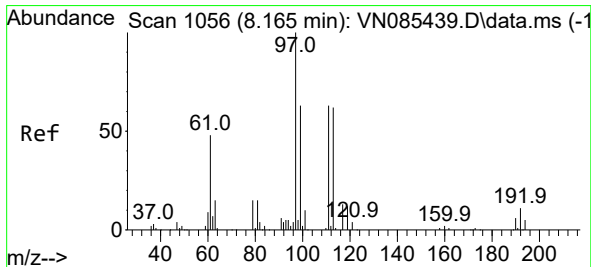
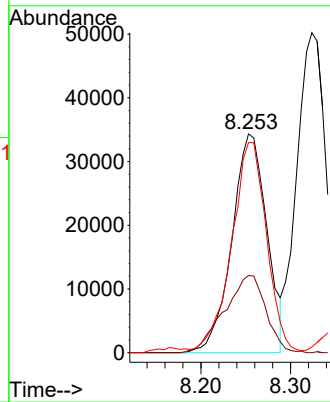
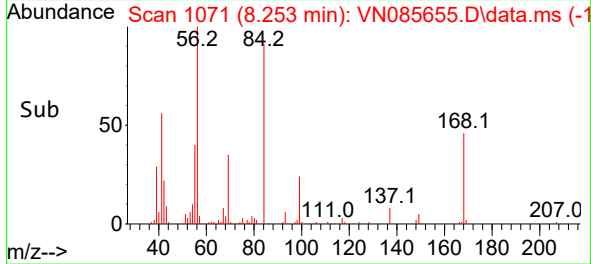
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBSD02



Tgt Ion: 56 Resp: 92750
Ion Ratio Lower Upper
56 100
69 35.3 22.2 33.4
84 94.6 66.4 99.6

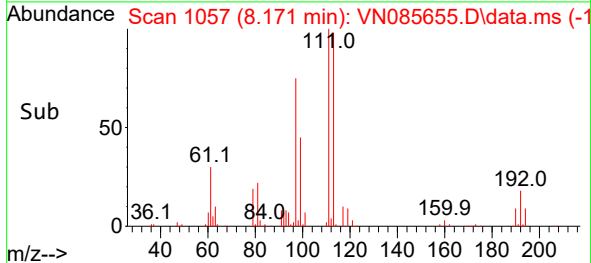
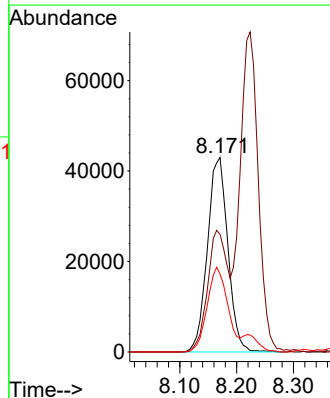
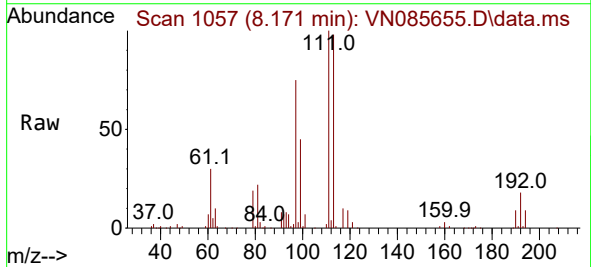
Manual Integrations
APPROVED

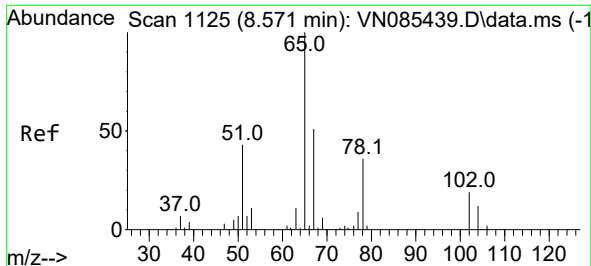
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#32
1,1,1-Trichloroethane
Concen: 20.090 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

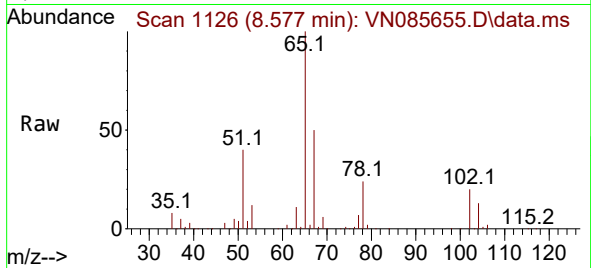
Tgt Ion: 97 Resp: 107522
Ion Ratio Lower Upper
97 100
99 60.2 49.8 74.6
61 44.0 41.4 62.2





#33
1,2-Dichloroethane-d4
Concen: 42.743 ug/l
RT: 8.577 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

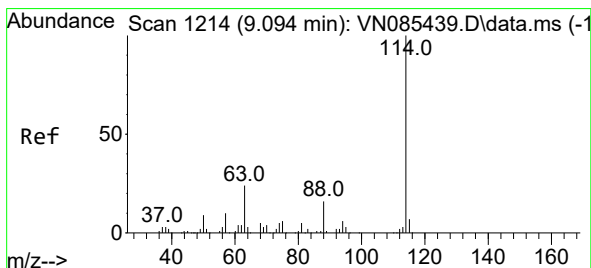
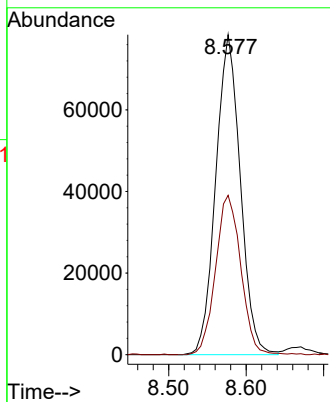
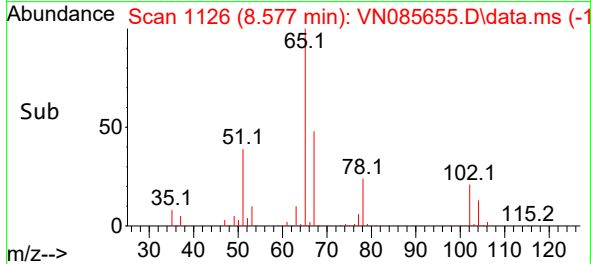
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBSD02



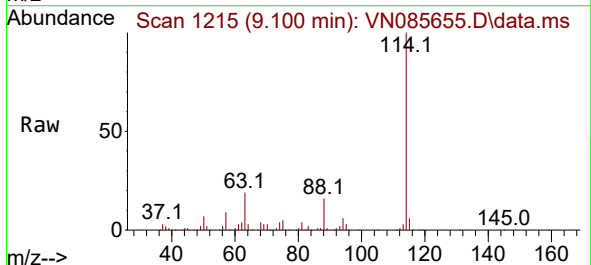
Tgt Ion: 65 Resp: 172810
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.6

Manual Integrations
APPROVED

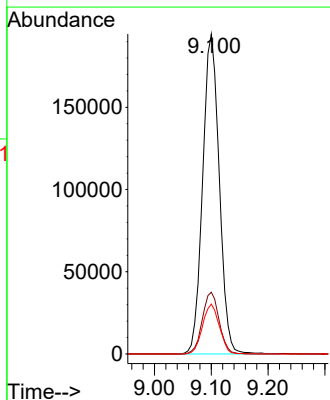
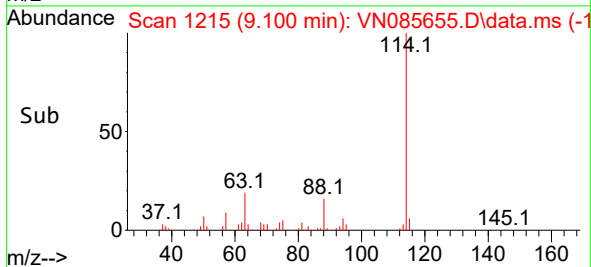
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

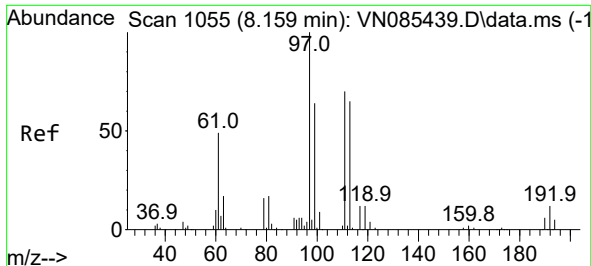


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37



Tgt Ion:114 Resp: 394206
Ion Ratio Lower Upper
114 100
63 19.3 0.0 47.6
88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.207 ug/l

RT: 8.165 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN085655.D

Acq: 04 Feb 2025 16:37

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBSD02

Tgt Ion: 113 Resp: 14277

Ion Ratio Lower Upper

113 100

111 102.4 82.7 124.1

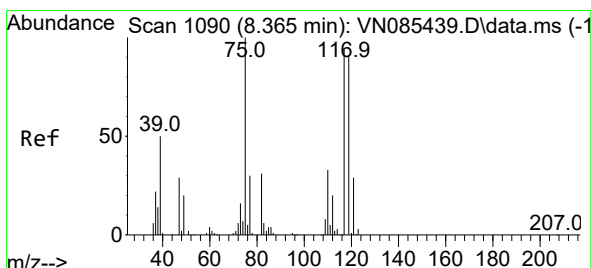
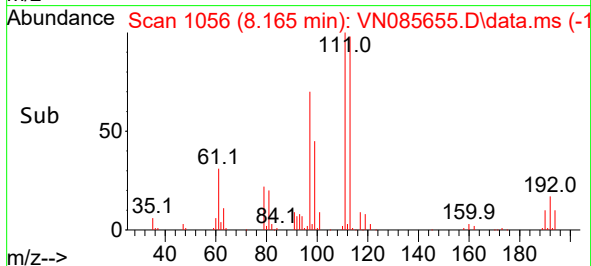
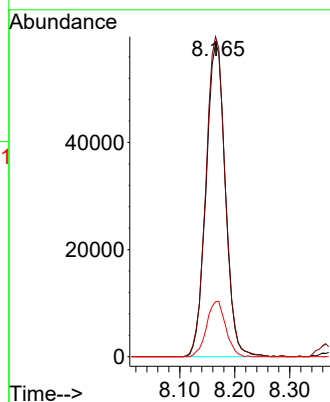
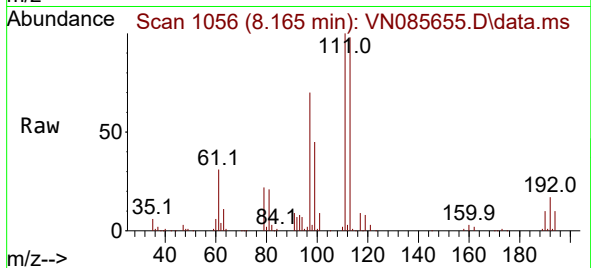
192 17.5 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#36

1,1-Dichloropropene

Concen: 20.905 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN085655.D

Acq: 04 Feb 2025 16:37

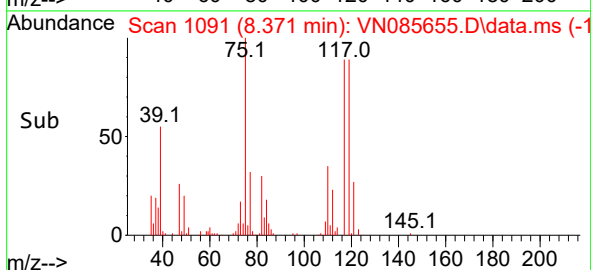
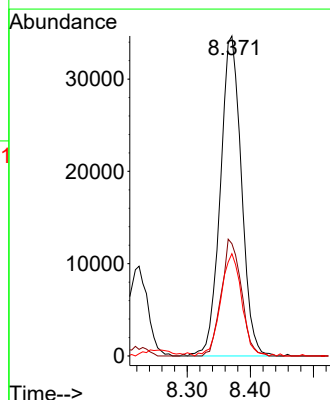
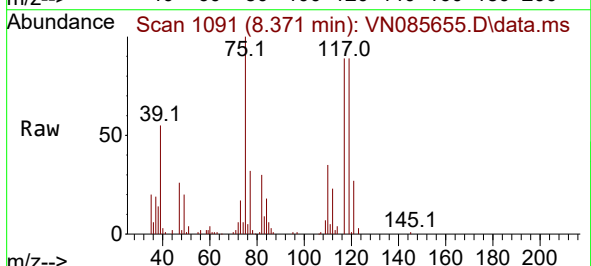
Tgt Ion: 75 Resp: 80237

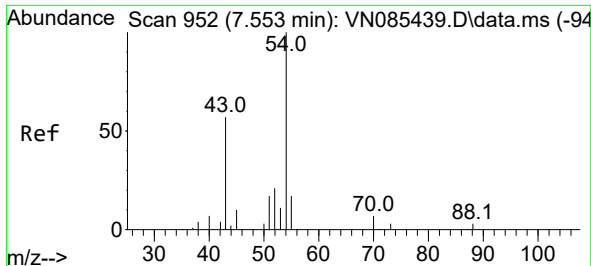
Ion Ratio Lower Upper

75 100

110 34.8 16.5 49.5

77 32.1 24.4 36.6





#37

Ethyl Acetate

Concen: 19.538 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN085655.D

Acq: 04 Feb 2025 16:37

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBSD02

Tgt Ion: 43 Resp: 7569

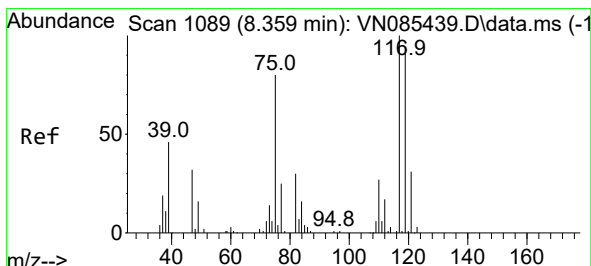
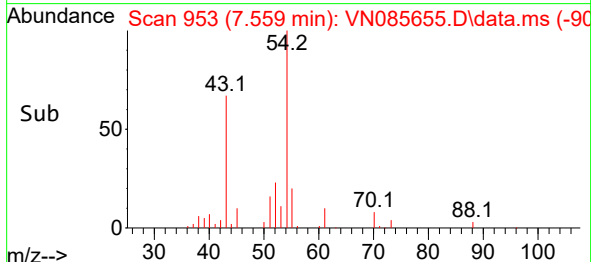
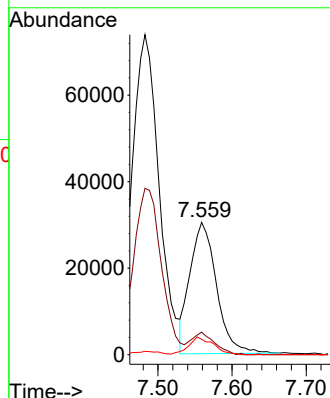
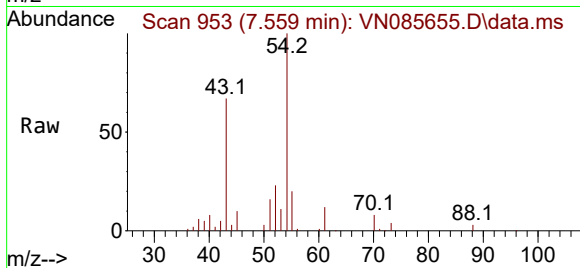
Ion	Ratio	Lower	Upper
43	100		
61	14.9	10.9	16.3
70	12.4	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#38

Carbon Tetrachloride

Concen: 21.250 ug/l

RT: 8.359 min Scan# 1089

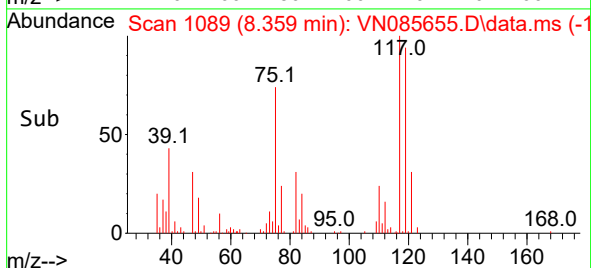
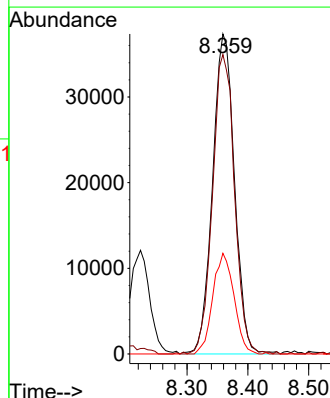
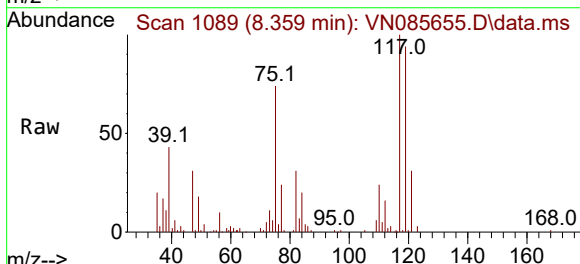
Delta R.T. -0.000 min

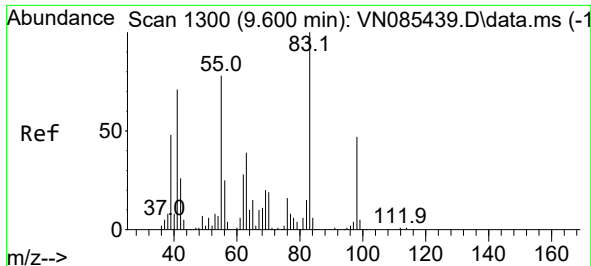
Lab File: VN085655.D

Acq: 04 Feb 2025 16:37

Tgt Ion:117 Resp: 93378

Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.4	113.2
121	31.4	24.6	37.0





#39

Methylcyclohexane

Concen: 20.720 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085655.D

Acq: 04 Feb 2025 16:37

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBSD02

Tgt Ion: 83 Resp: 74735

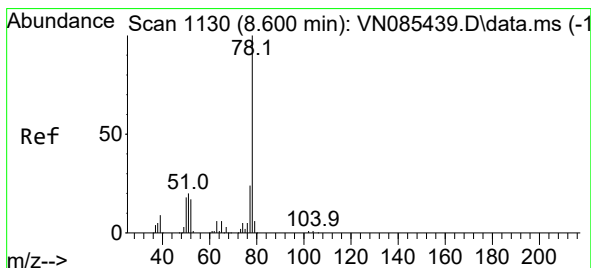
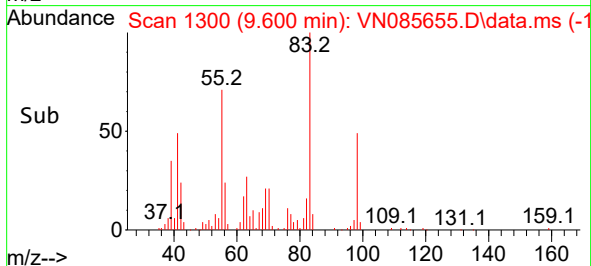
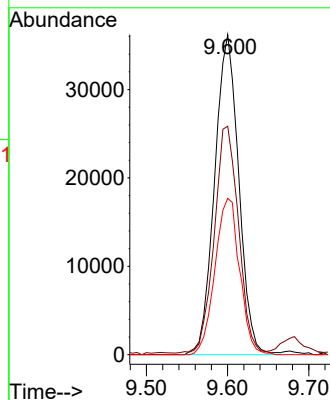
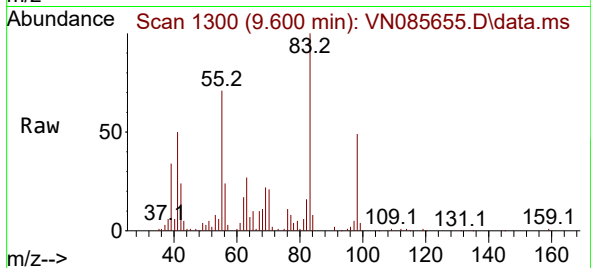
Ion	Ratio	Lower	Upper
83	100		
55	70.8	62.6	94.0
98	48.8	37.7	56.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#40

Benzene

Concen: 22.223 ug/l

RT: 8.606 min Scan# 1131

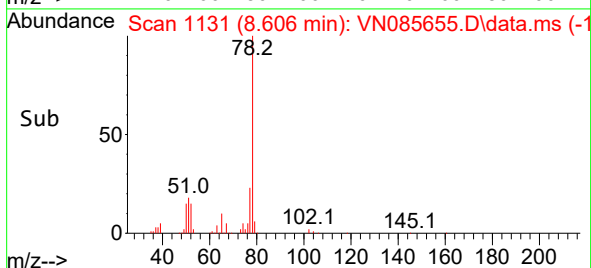
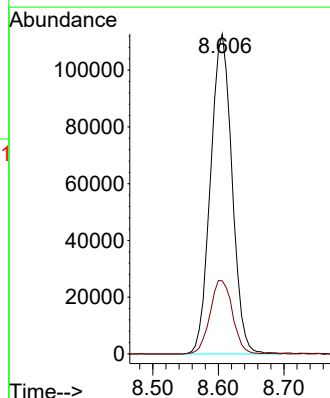
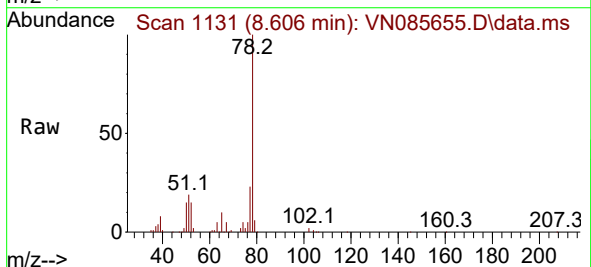
Delta R.T. 0.006 min

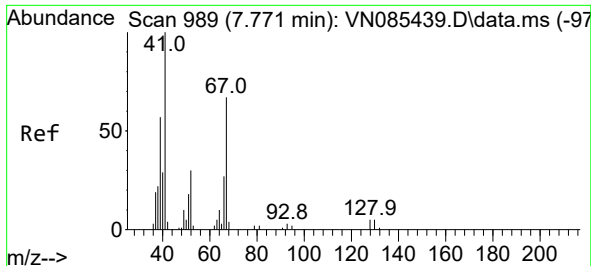
Lab File: VN085655.D

Acq: 04 Feb 2025 16:37

Tgt Ion: 78 Resp: 256293

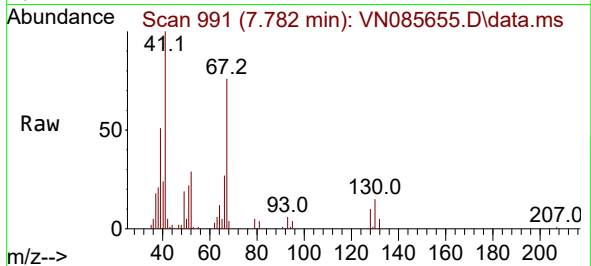
Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.0	28.6





#41
Methacrylonitrile
Concen: 21.201 ug/l
RT: 7.782 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

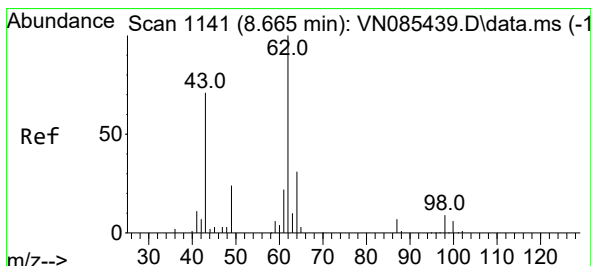
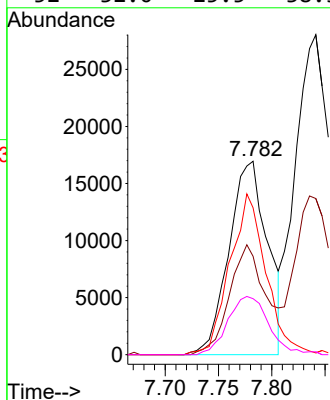
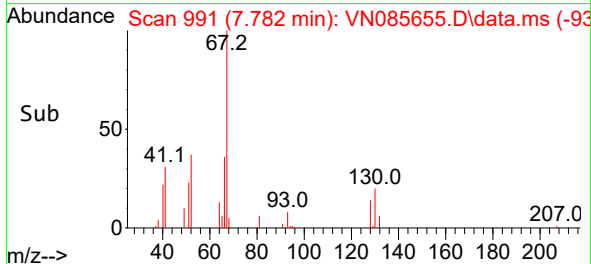
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBSD02



Tgt Ion:	41	Resp:	4273
Ion Ratio	100	Lower	Upper
41	100		
39	53.0	46.0	69.0
67	78.0	57.4	86.2
52	32.0	25.5	38.3

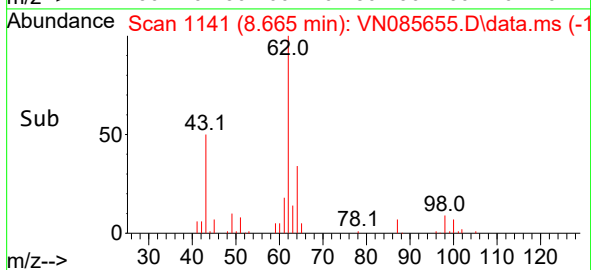
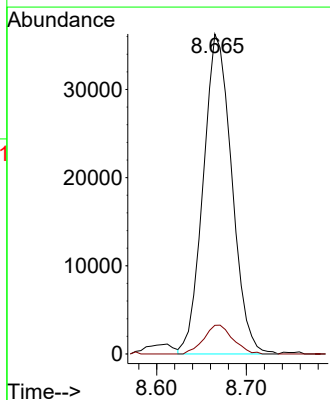
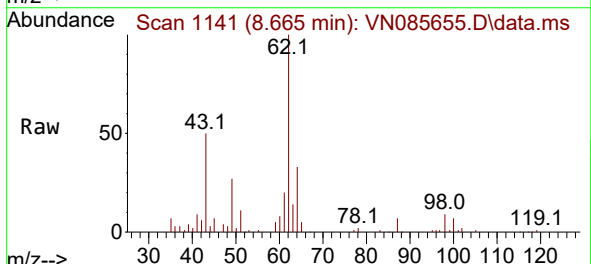
Manual Integrations
APPROVED

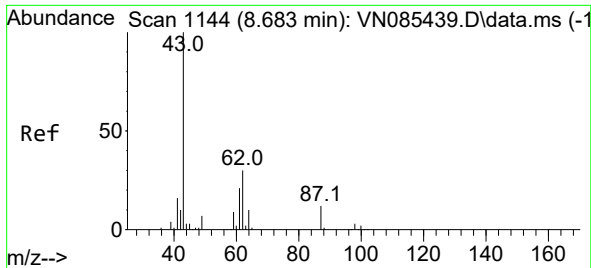
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#42
1,2-Dichloroethane
Concen: 18.444 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

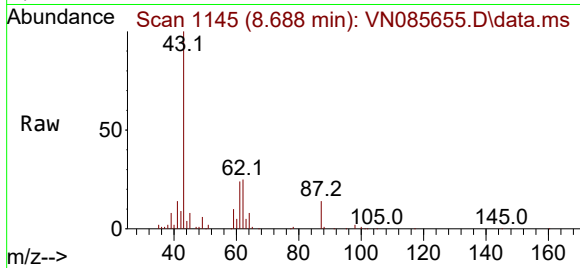
Tgt Ion:	62	Resp:	80112
Ion Ratio	100	Lower	Upper
62	100		
98	9.2	0.0	17.0





#43
Isopropyl Acetate
Concen: 20.920 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

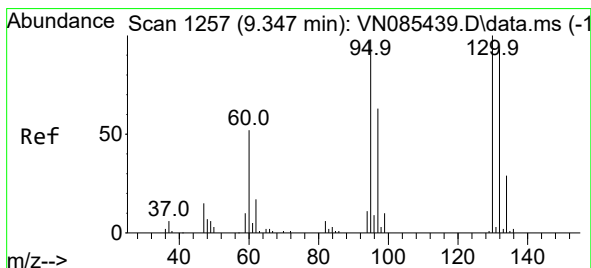
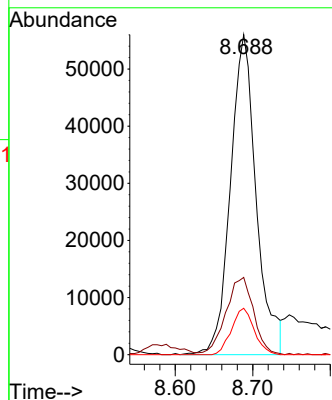
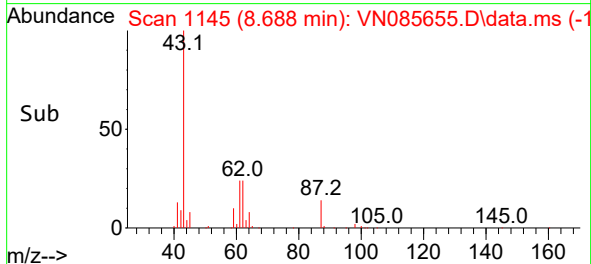
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBSD02



Tgt Ion: 43 Resp: 12986
Ion Ratio Lower Upper
43 100
61 25.9 20.7 31.1
87 12.7 9.8 14.8

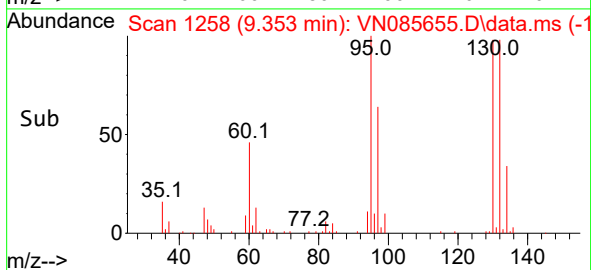
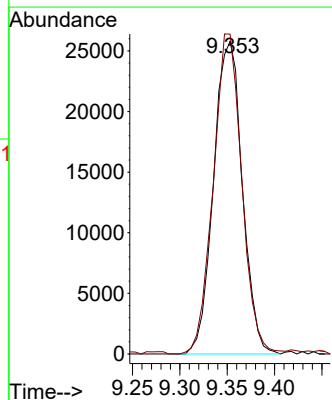
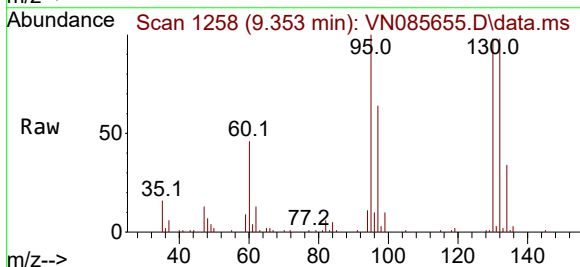
Manual Integrations
APPROVED

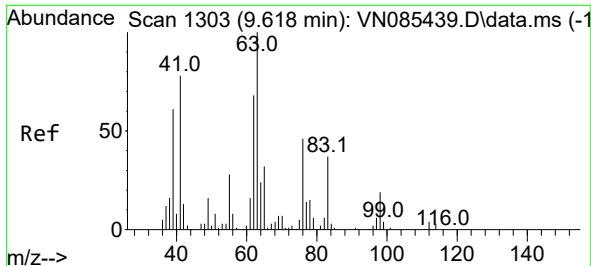
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#44
Trichloroethene
Concen: 20.291 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

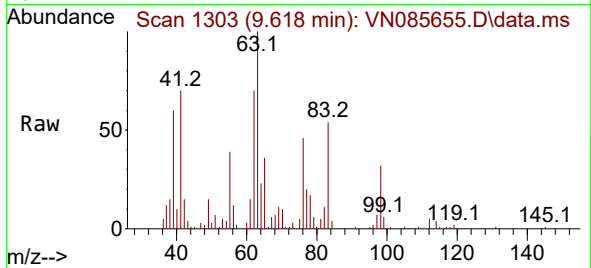
Tgt Ion:130 Resp: 54471
Ion Ratio Lower Upper
130 100
95 102.3 0.0 195.8





#45
1,2-Dichloropropane
Concen: 18.507 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

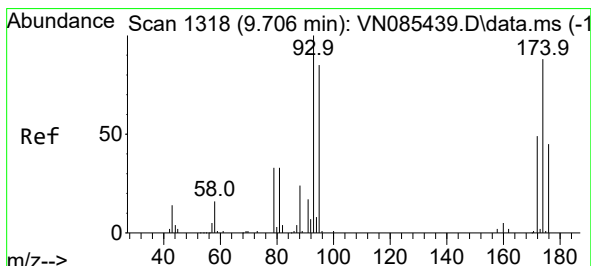
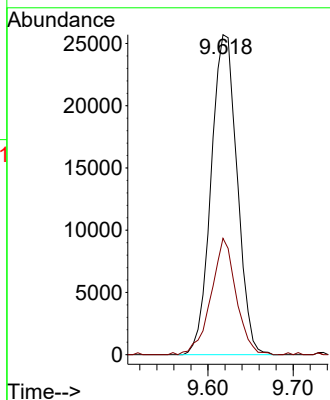
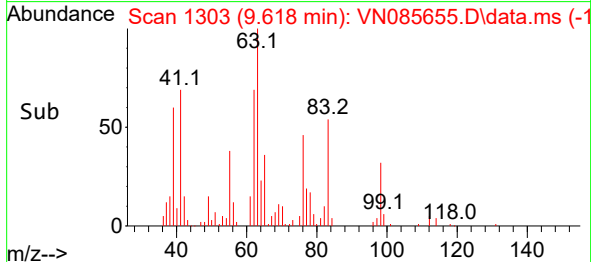
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBSD02



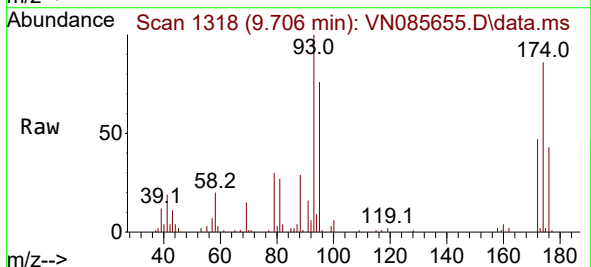
Tgt Ion: 63 Resp: 54518
Ion Ratio Lower Upper
63 100
65 36.3 25.6 38.4

Manual Integrations
APPROVED

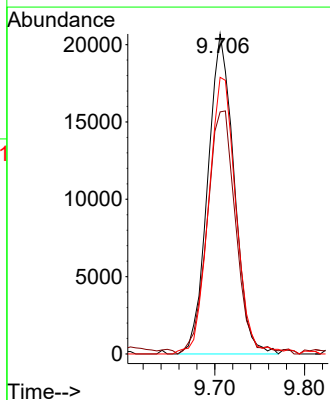
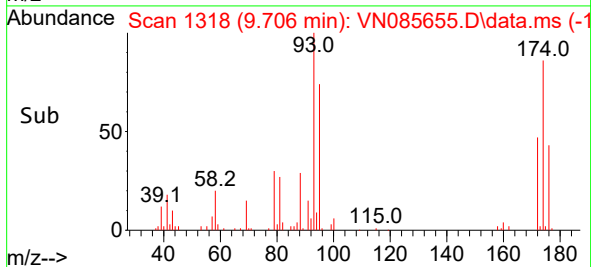
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

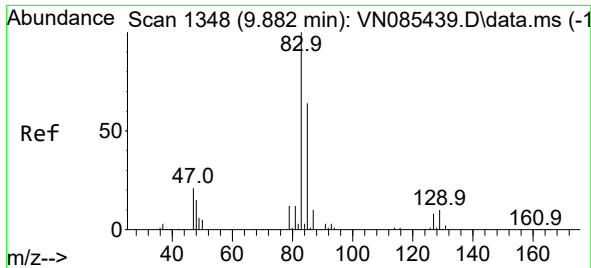


#46
Dibromomethane
Concen: 19.810 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37



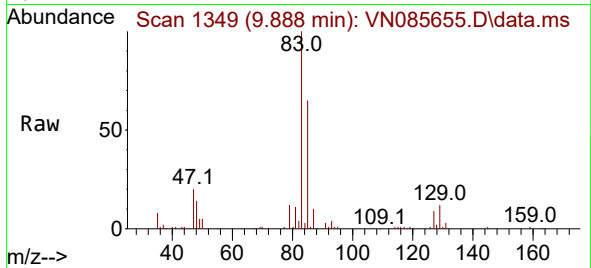
Tgt Ion: 93 Resp: 42107
Ion Ratio Lower Upper
93 100
95 82.9 64.7 97.1
174 90.2 69.0 103.4





#47
Bromodichloromethane
Concen: 19.003 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

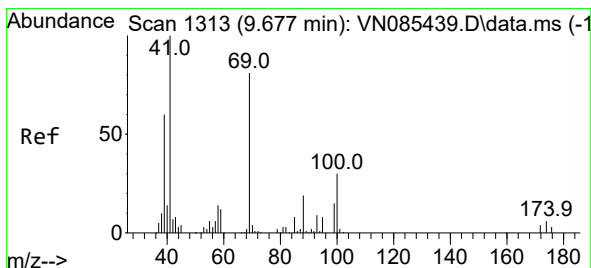
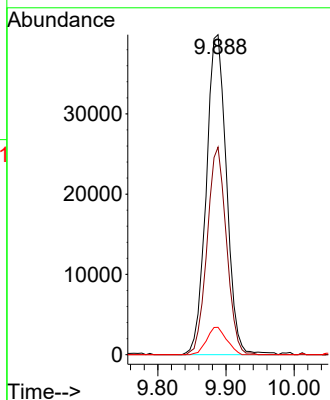
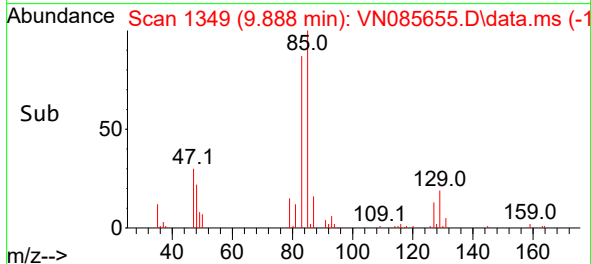
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBSD02



Tgt Ion: 83 Resp: 82292
Ion Ratio Lower Upper
83 100
85 64.8 51.2 76.8
127 8.5 6.5 9.7

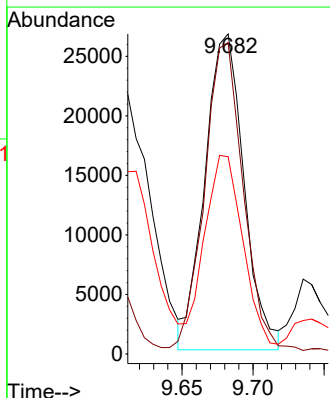
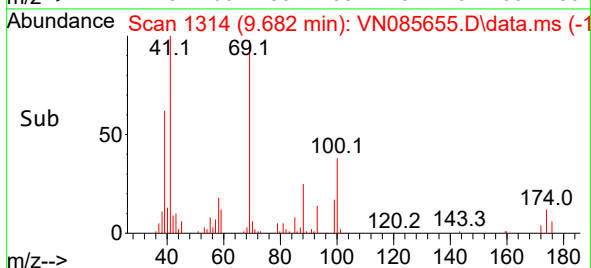
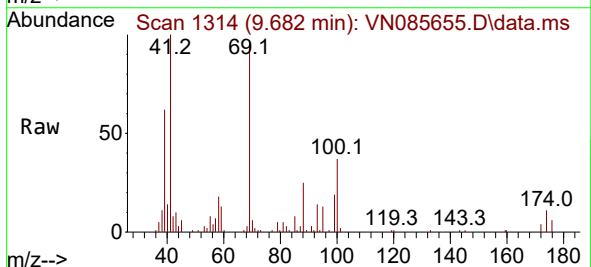
Manual Integrations
APPROVED

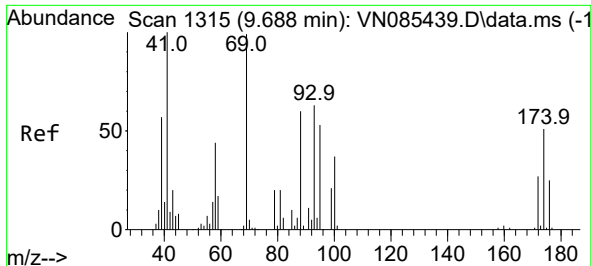
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#48
Methyl methacrylate
Concen: 18.201 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.005 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

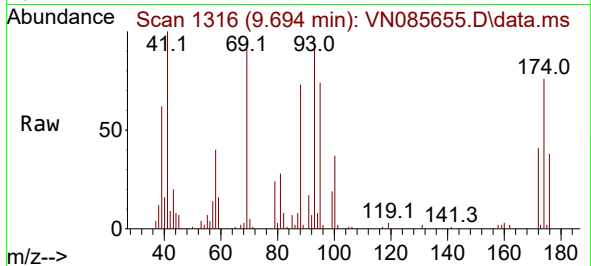
Tgt Ion: 41 Resp: 50846
Ion Ratio Lower Upper
41 100
69 101.0 64.7 97.1#
39 63.3 49.0 73.6





#49
1,4-Dioxane
Concen: 421.835 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

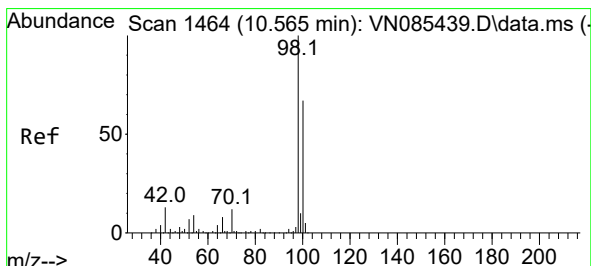
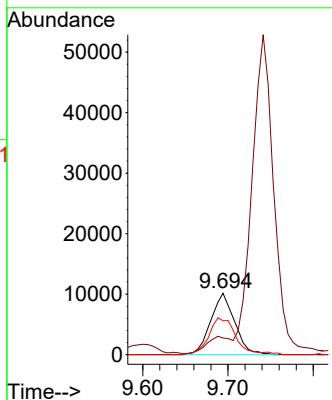
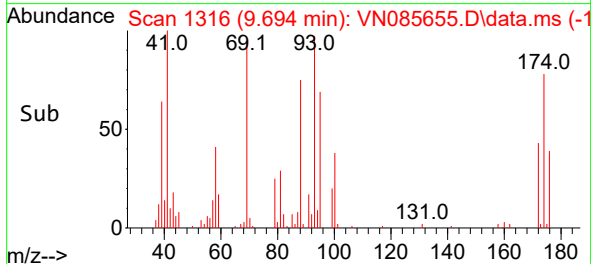
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBSD02



Tgt Ion: 88 Resp: 1984
Ion Ratio Lower Upper
88 100
43 29.0 26.6 39.8
58 67.9 59.5 89.3

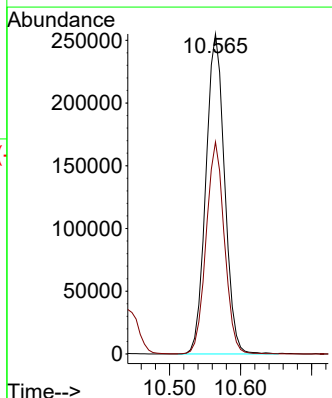
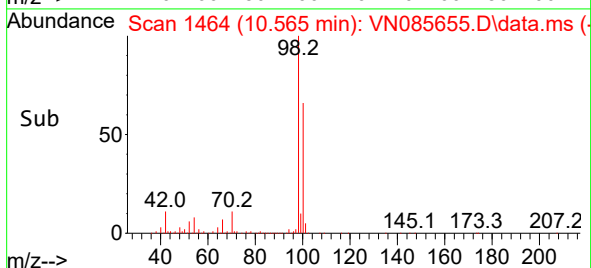
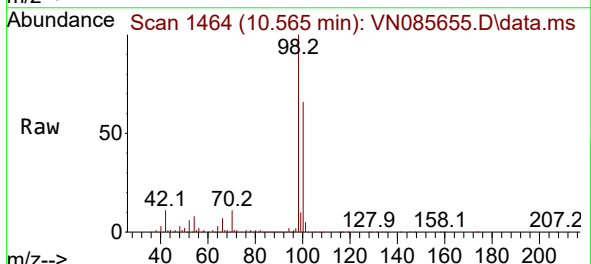
Manual Integrations
APPROVED

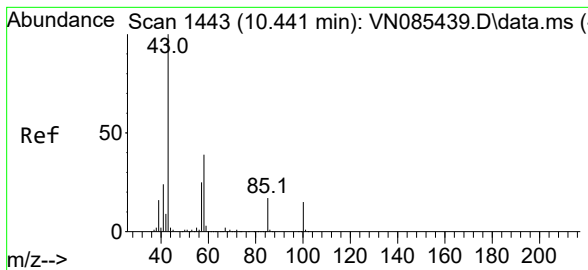
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#50
Toluene-d8
Concen: 48.017 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

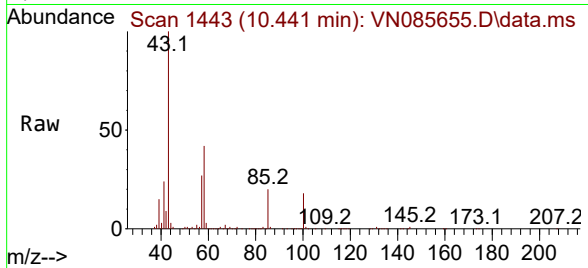
Tgt Ion: 98 Resp: 466570
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 96.926 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

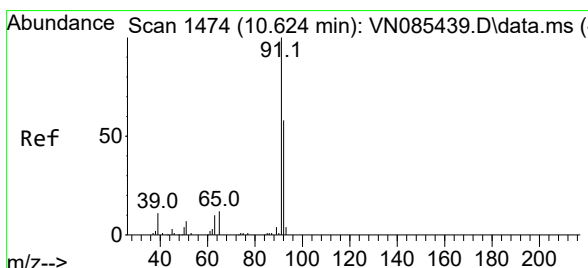
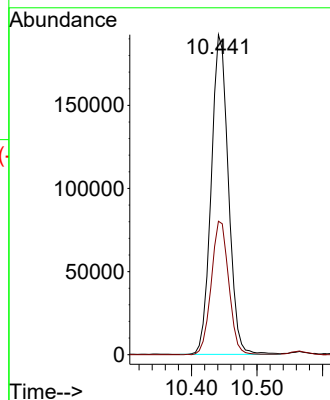
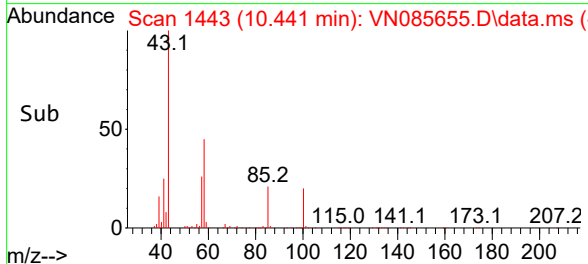
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBSD02



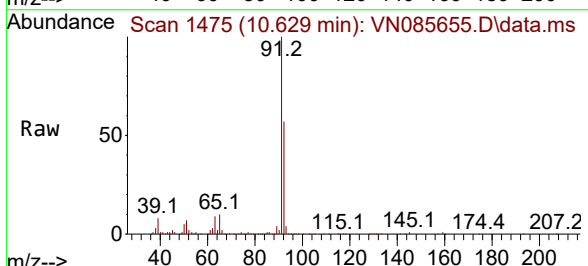
Tgt Ion: 43 Resp: 349156
Ion Ratio Lower Upper
43 100
58 42.6 30.5 45.7

Manual Integrations
APPROVED

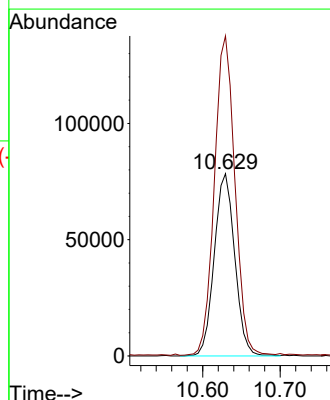
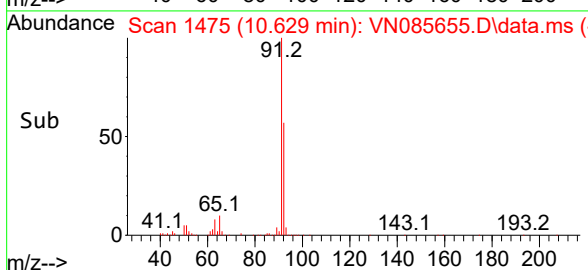
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

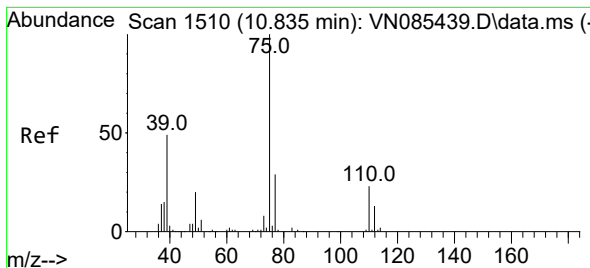


#52
Toluene
Concen: 21.533 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.005 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37



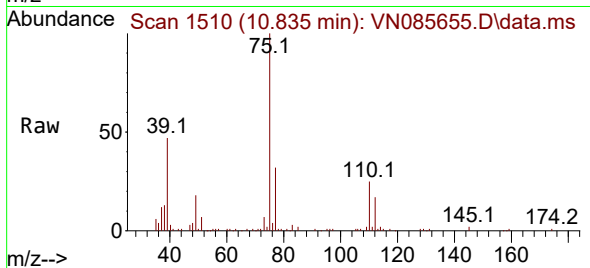
Tgt Ion: 92 Resp: 143888
Ion Ratio Lower Upper
92 100
91 175.3 139.2 208.8





#53
t-1,3-Dichloropropene
Concen: 20.270 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

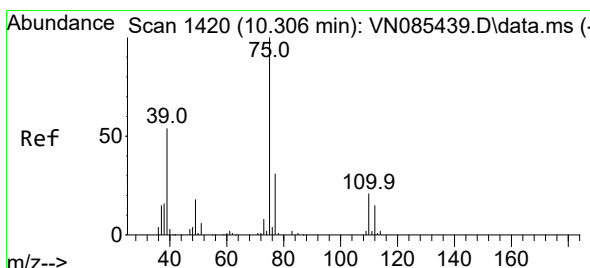
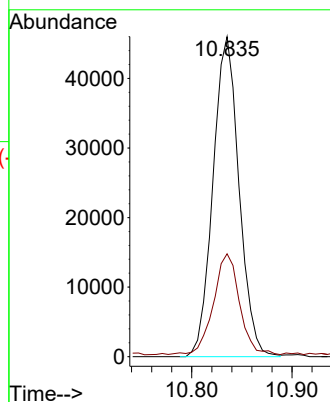
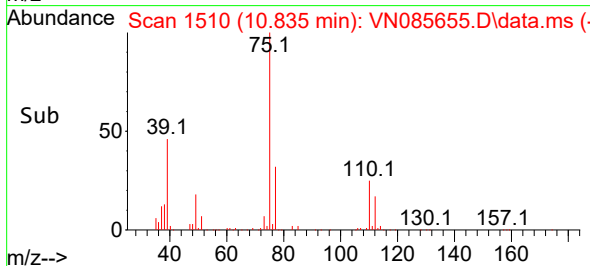
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBSD02



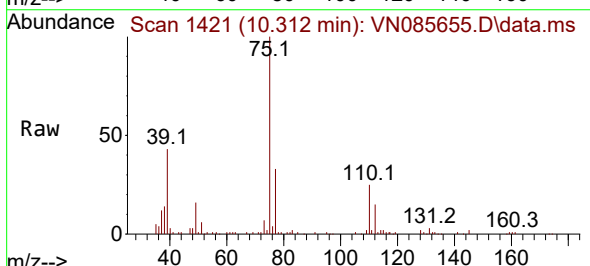
Tgt Ion: 75 Resp: 8295
Ion Ratio Lower Upper
75 100
77 31.5 23.5 35.3

Manual Integrations
APPROVED

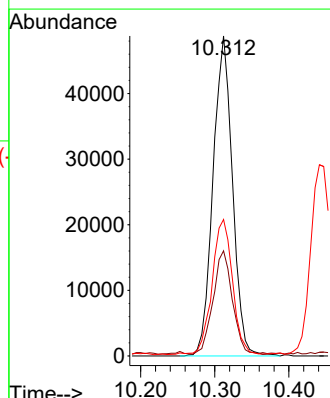
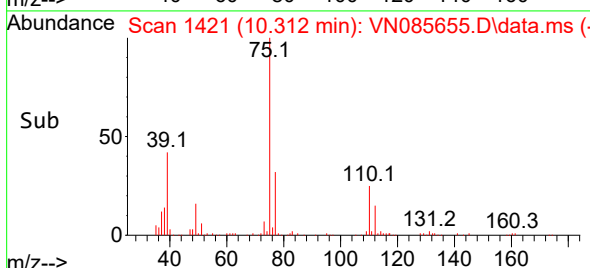
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

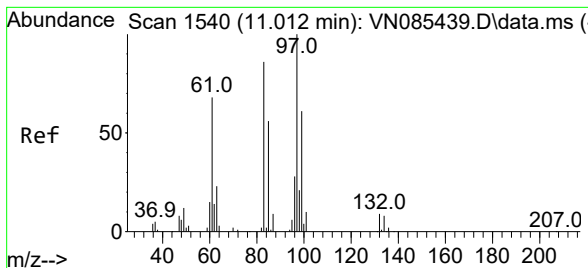


#54
cis-1,3-Dichloropropene
Concen: 20.329 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37



Tgt Ion: 75 Resp: 88864
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.4
39 41.7 43.1 64.7#





#55

1,1,2-Trichloroethane

Concen: 21.009 ug/l

RT: 11.018 min Scan# 1540

Delta R.T. 0.006 min

Lab File: VN085655.D

Acq: 04 Feb 2025 16:37

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBSD02

Tgt Ion: 97 Resp: 5555

Ion Ratio Lower Upper

97 100

83 79.8 69.0 103.6

85 55.6 44.6 66.8

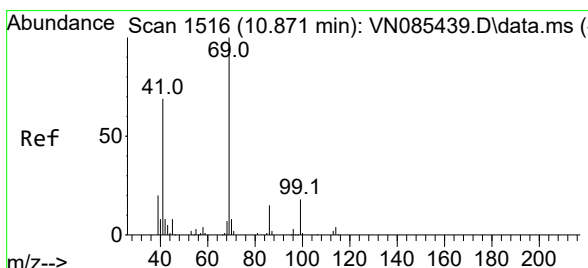
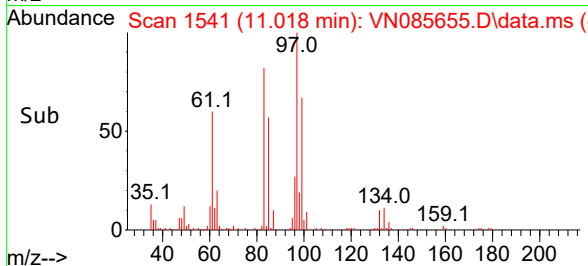
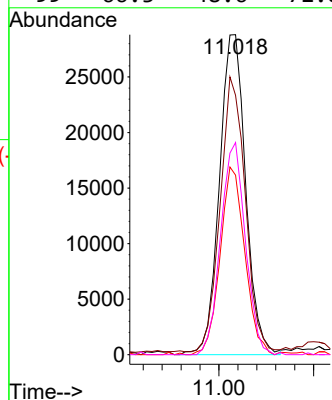
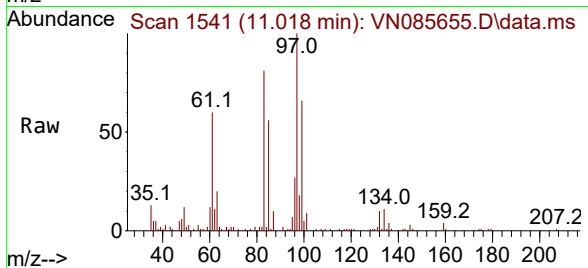
99 66.3 48.6 72.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#56

Ethyl methacrylate

Concen: 19.891 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN085655.D

Acq: 04 Feb 2025 16:37

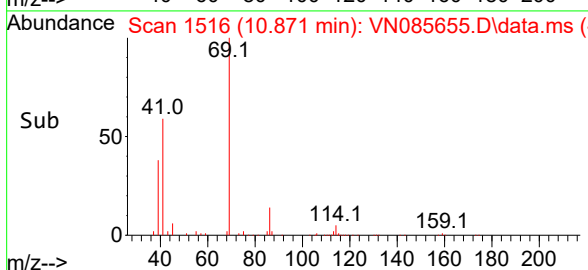
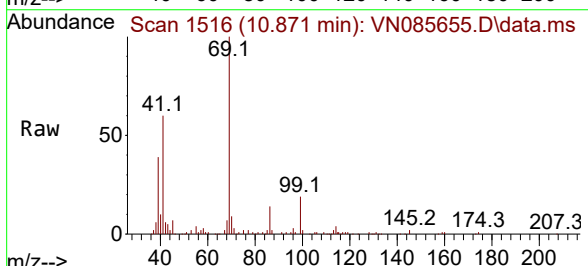
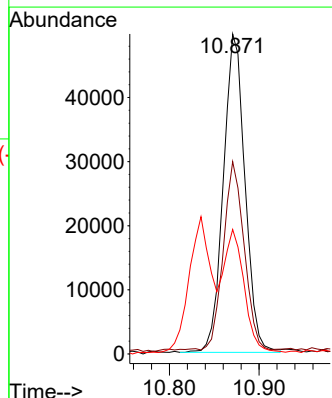
Tgt Ion: 69 Resp: 83221

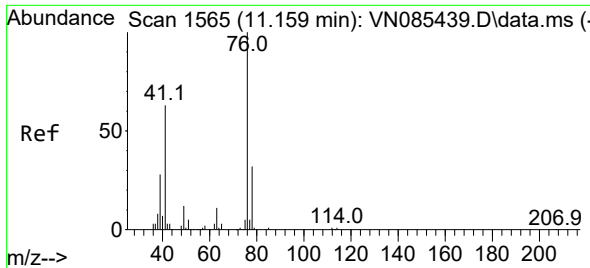
Ion Ratio Lower Upper

69 100

41 56.3 54.6 82.0

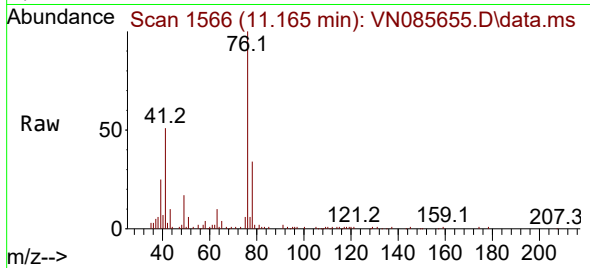
39 36.8 32.4 48.6





#57
1,3-Dichloropropane
Concen: 20.265 ug/l
RT: 11.165 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

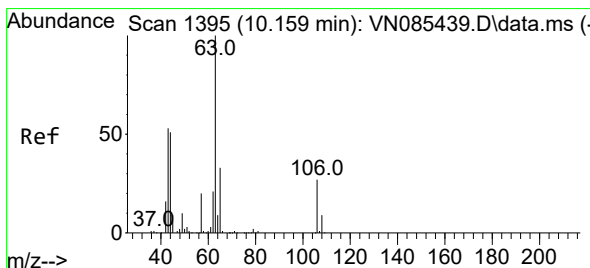
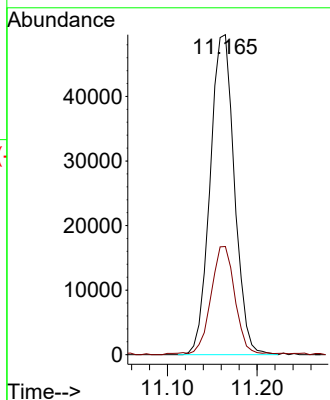
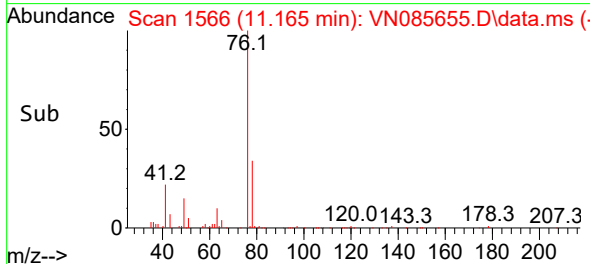
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBSD02



Tgt Ion: 76 Resp: 9318
Ion Ratio Lower Upper
76 100
78 33.9 25.6 38.4

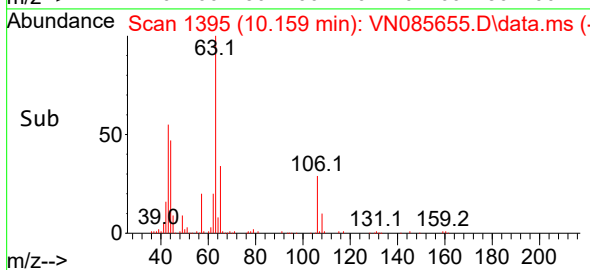
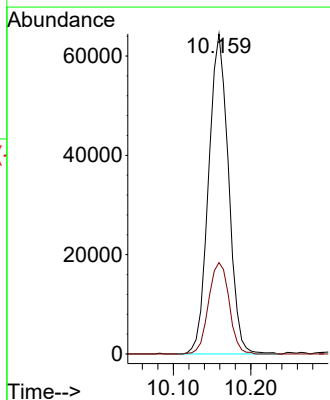
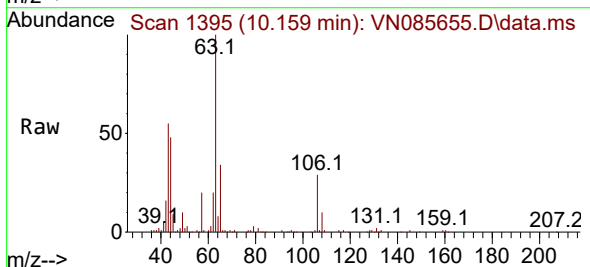
Manual Integrations
APPROVED

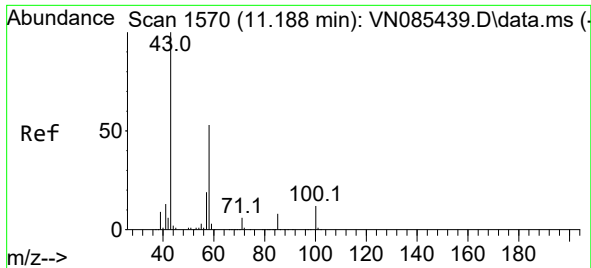
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#58
2-Chloroethyl Vinyl ether
Concen: 68.367 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

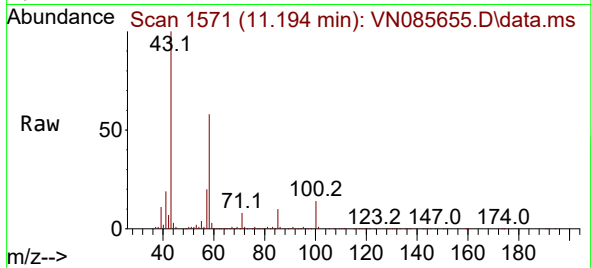
Tgt Ion: 63 Resp: 114733
Ion Ratio Lower Upper
63 100
106 29.5 21.6 32.4





#59
2-Hexanone
Concen: 101.116 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

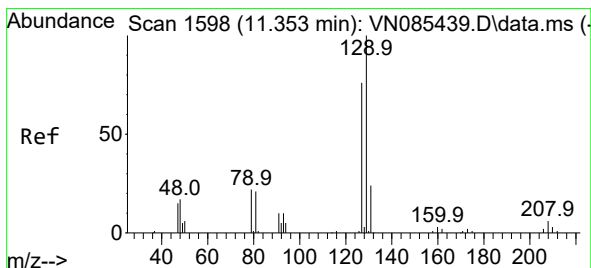
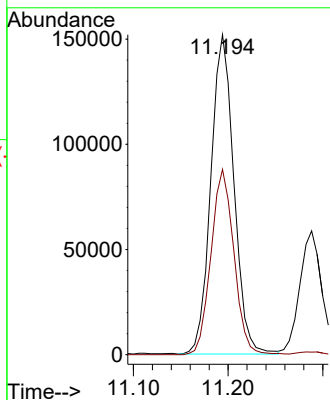
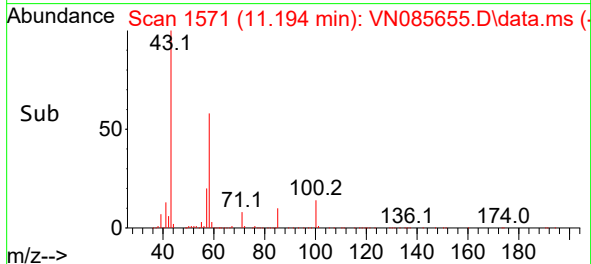
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBSD02



Tgt Ion: 43 Resp: 256290
Ion Ratio Lower Upper
43 100
58 57.8 26.2 78.6

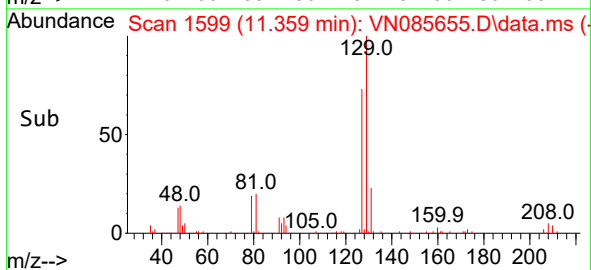
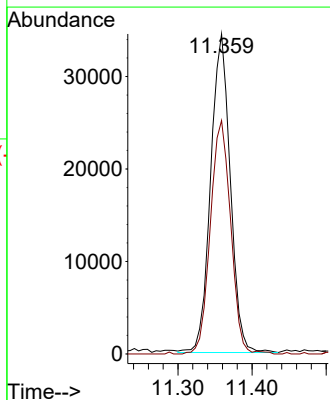
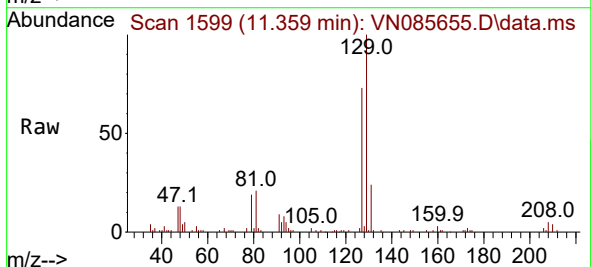
Manual Integrations
APPROVED

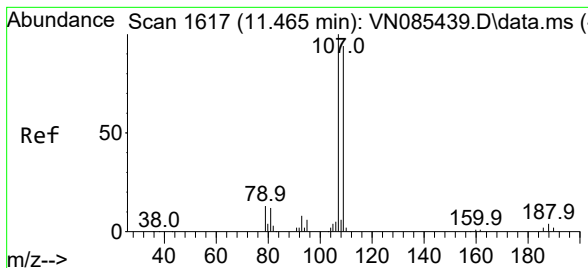
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#60
Dibromochloromethane
Concen: 19.818 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

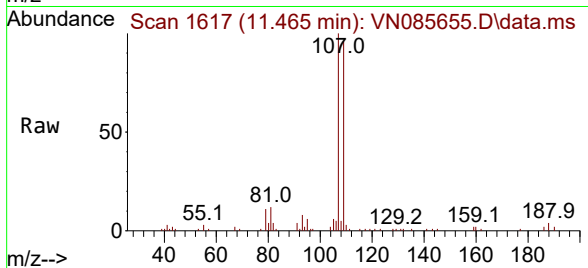
Tgt Ion:129 Resp: 63273
Ion Ratio Lower Upper
129 100
127 75.9 38.6 115.8





#61
1,2-Dibromoethane
Concen: 20.824 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

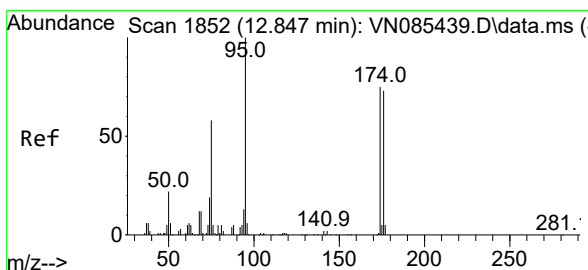
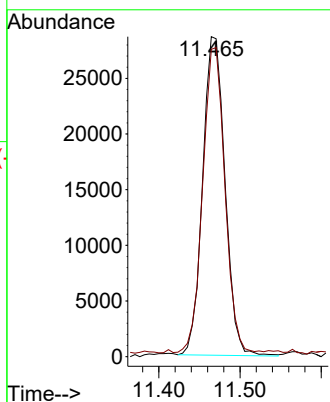
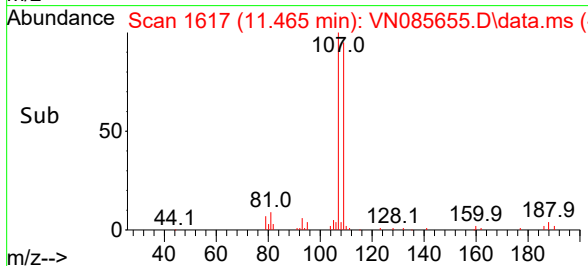
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBSD02



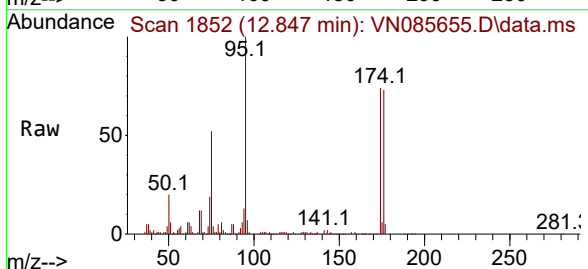
Tgt Ion:107 Resp: 5481
Ion Ratio Lower Upper
107 100
109 94.4 75.9 113.9

Manual Integrations
APPROVED

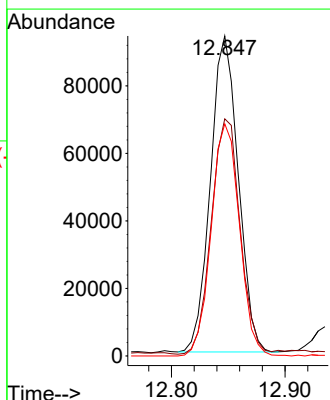
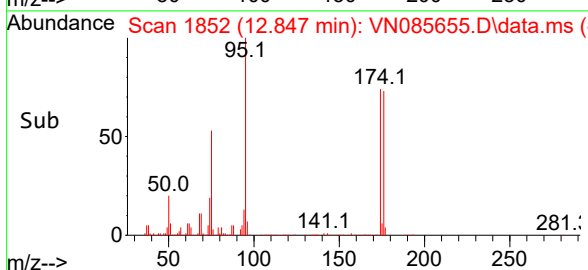
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

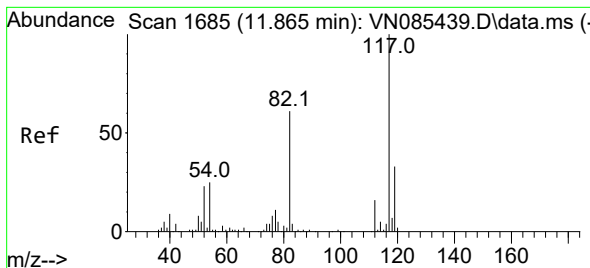


#62
4-Bromofluorobenzene
Concen: 47.936 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37



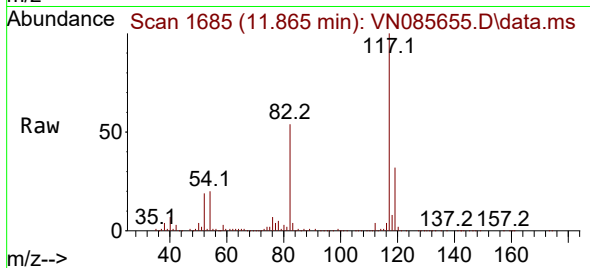
Tgt Ion: 95 Resp: 159331
Ion Ratio Lower Upper
95 100
174 77.0 0.0 145.0
176 74.7 0.0 142.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

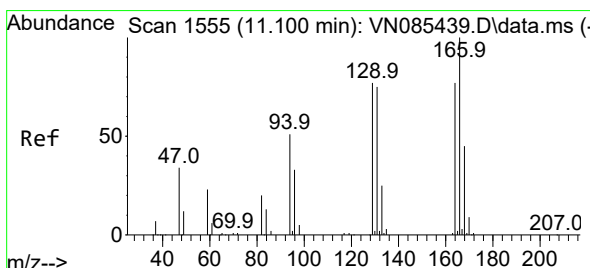
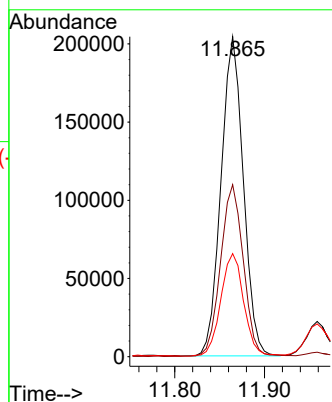
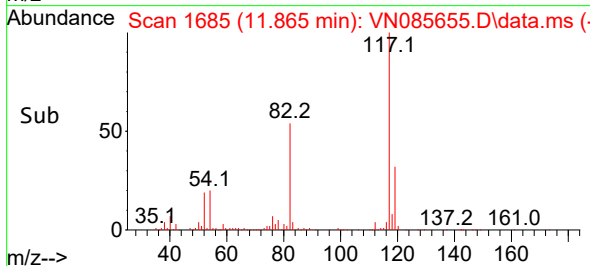
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBSD02



Tgt Ion:117 Resp: 352019
Ion Ratio Lower Upper
117 100
82 53.8 48.6 72.8
119 32.0 26.6 39.8

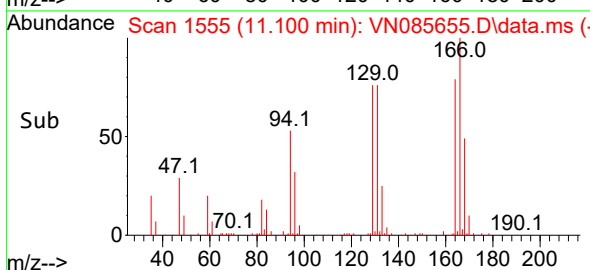
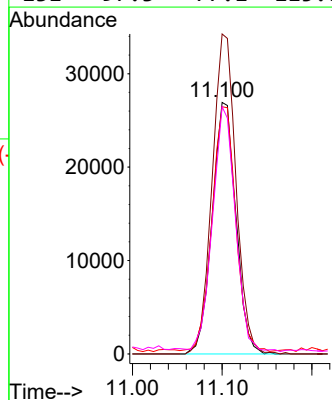
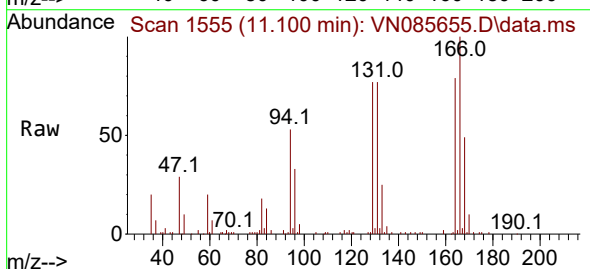
Manual Integrations
APPROVED

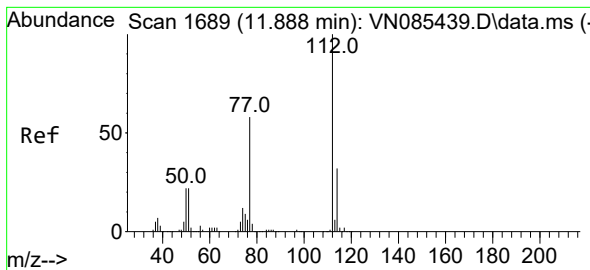
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#64
Tetrachloroethene
Concen: 20.539 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

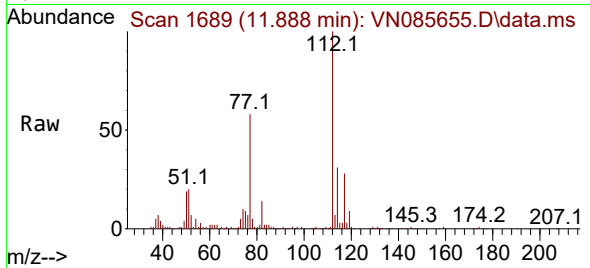
Tgt Ion:164 Resp: 49290
Ion Ratio Lower Upper
164 100
166 127.2 103.4 155.2
129 96.9 79.2 118.8
131 97.3 77.1 115.7





#65
Chlorobenzene
Concen: 20.660 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

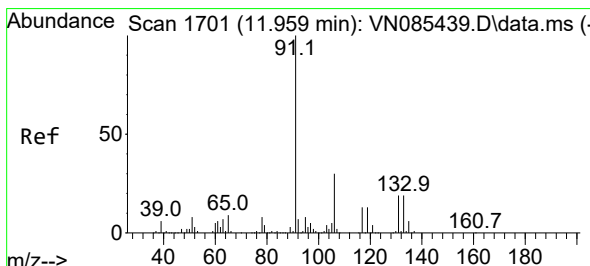
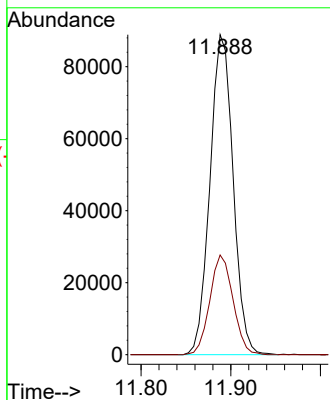
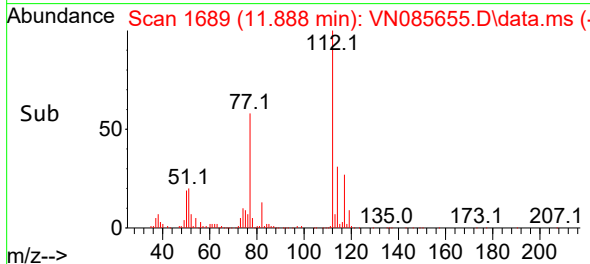
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBSD02



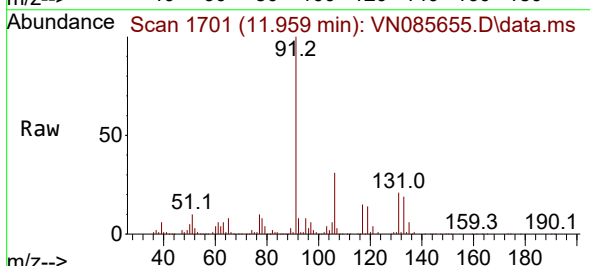
Tgt Ion:112 Resp: 15932
Ion Ratio Lower Upper
112 100
114 31.2 25.3 37.9

Manual Integrations
APPROVED

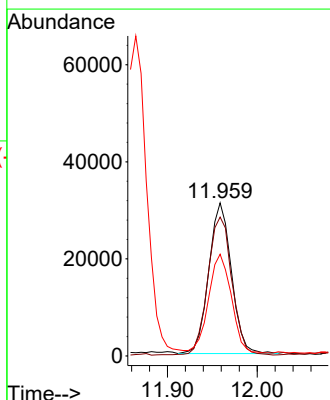
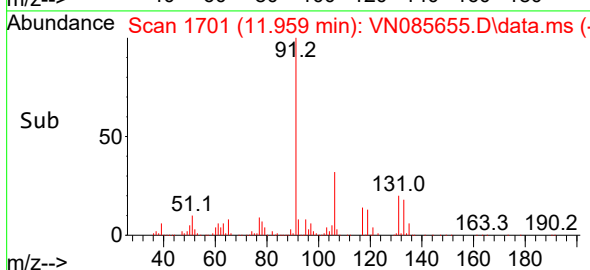
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

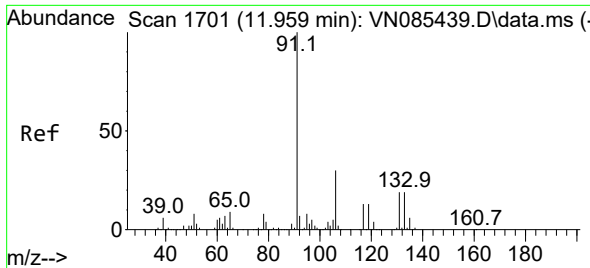


#66
1,1,1,2-Tetrachloroethane
Concen: 19.203 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37



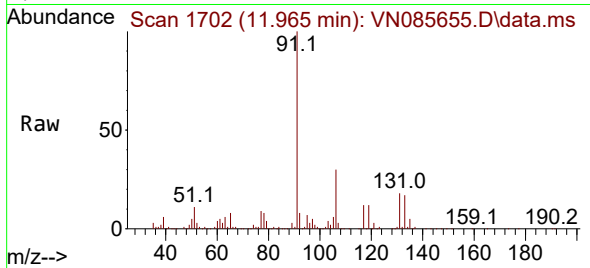
Tgt Ion:131 Resp: 54350
Ion Ratio Lower Upper
131 100
133 97.8 47.4 142.3
119 66.4 33.1 99.5





#67
Ethyl Benzene
Concen: 21.395 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

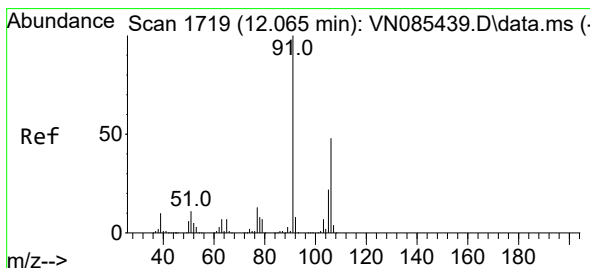
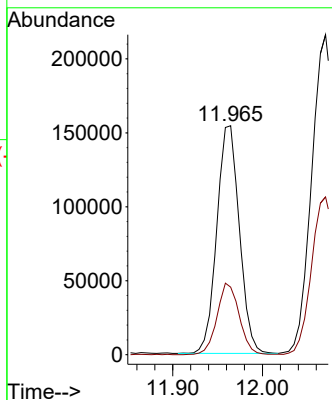
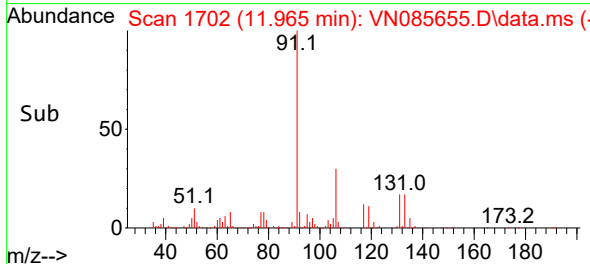
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBSD02



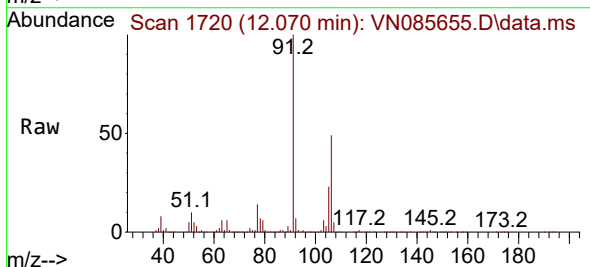
Tgt Ion: 91 Resp: 268719
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.8

Manual Integrations
APPROVED

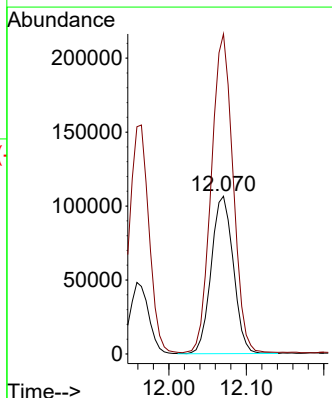
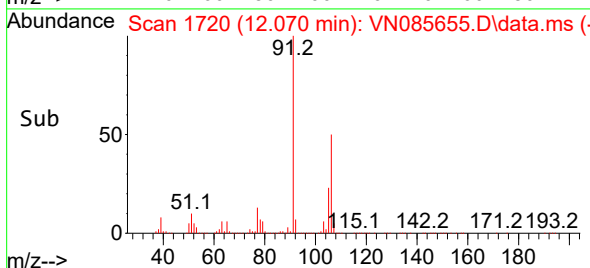
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

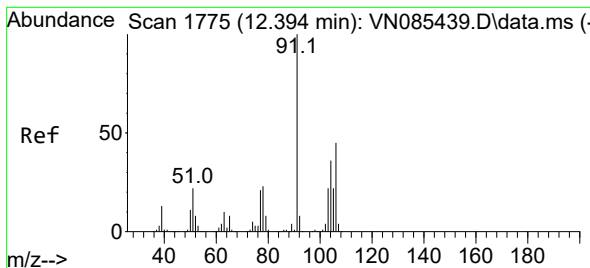


#68
m/p-Xylenes
Concen: 45.376 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37



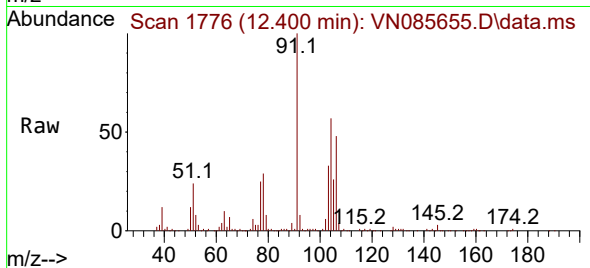
Tgt Ion:106 Resp: 210638
Ion Ratio Lower Upper
106 100
91 198.8 167.7 251.5





#69
o-Xylene
Concen: 23.027 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

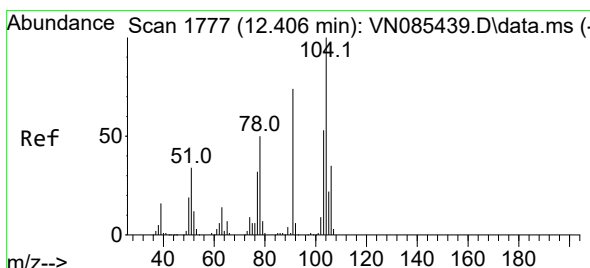
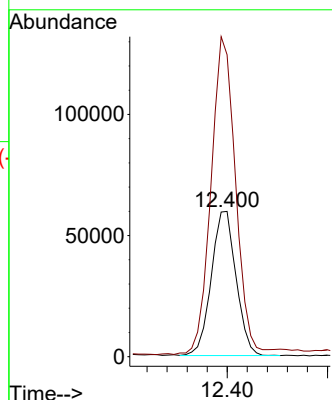
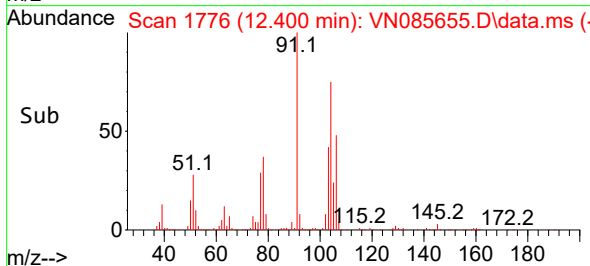
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBSD02



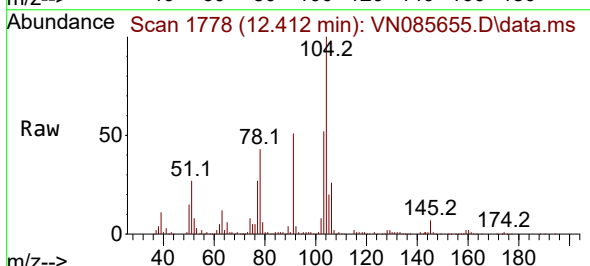
Tgt Ion:106 Resp: 10215
Ion Ratio Lower Upper
106 100
91 218.0 110.4 331.2

Manual Integrations
APPROVED

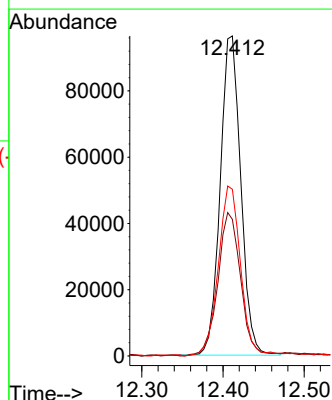
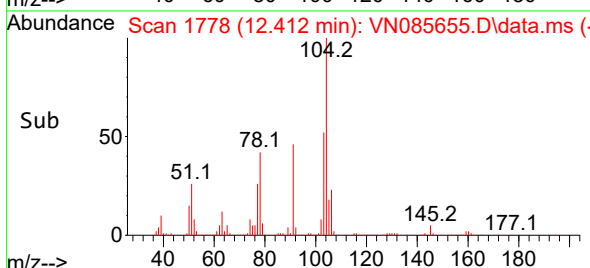
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

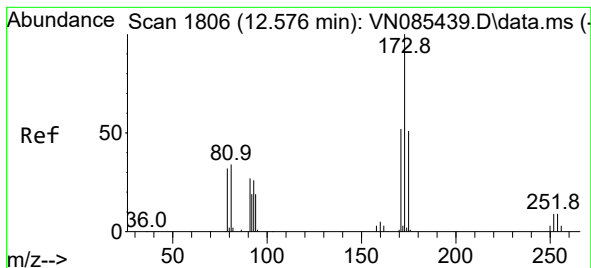


#70
Styrene
Concen: 23.149 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37



Tgt Ion:104 Resp: 169955
Ion Ratio Lower Upper
104 100
78 49.9 42.5 63.7
103 58.4 43.8 65.8





#71

Bromoform

Concen: 21.228 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085655.D

Acq: 04 Feb 2025 16:37

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBSD02

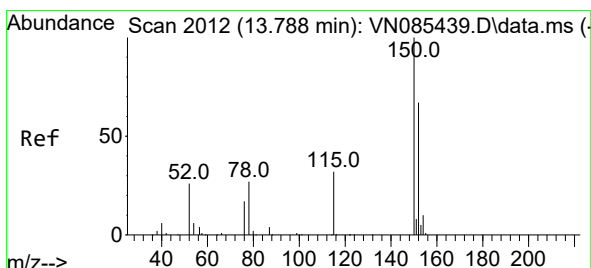
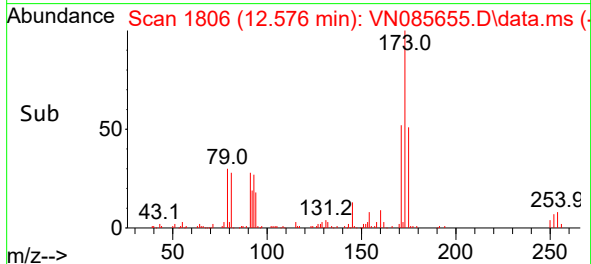
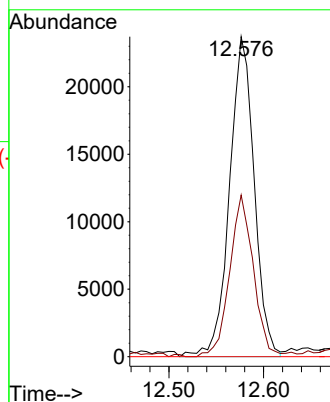
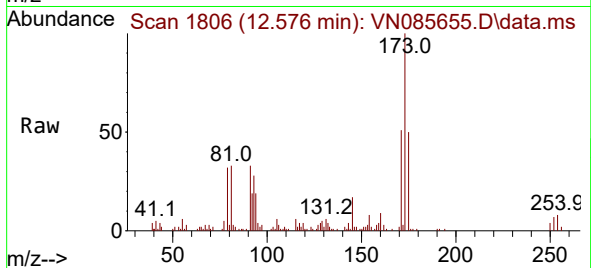
Tgt Ion:	173	Resp:	42985
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.4	73.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

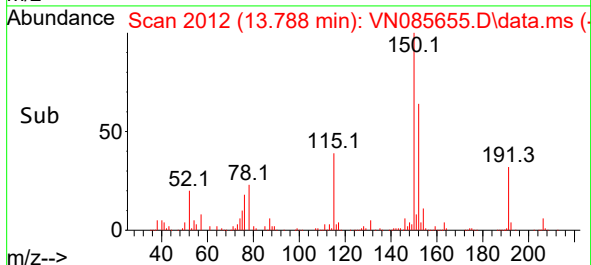
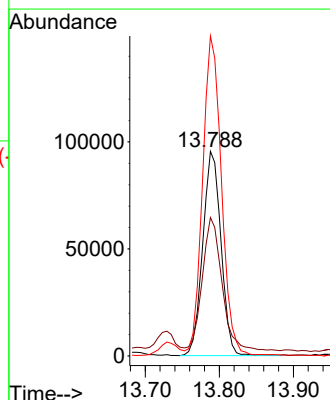
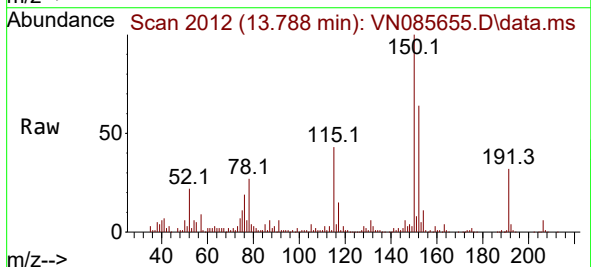
RT: 13.788 min Scan# 2012

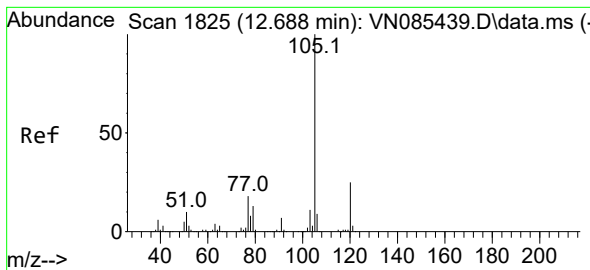
Delta R.T. -0.000 min

Lab File: VN085655.D

Acq: 04 Feb 2025 16:37

Tgt Ion:	152	Resp:	163365
Ion Ratio	Lower	Upper	
152	100		
115	70.1	31.1	93.3
150	161.5	0.0	343.6





#73

Isopropylbenzene

Concen: 23.395 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VN085655.D

Acq: 04 Feb 2025 16:37

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBSD02

Tgt Ion:105 Resp: 25794

Ion Ratio Lower Upper

105 100

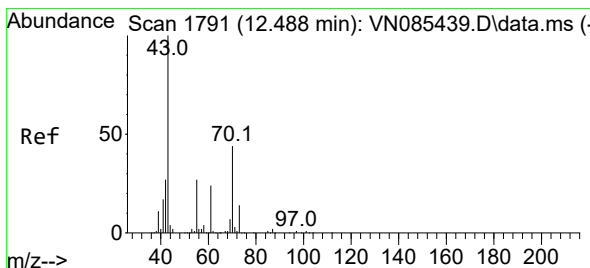
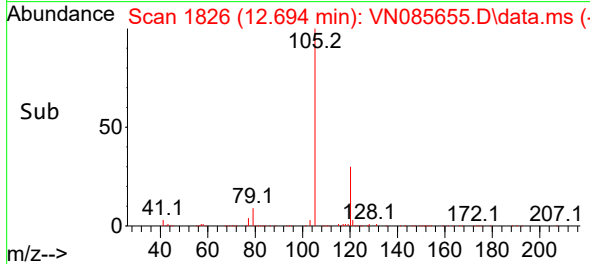
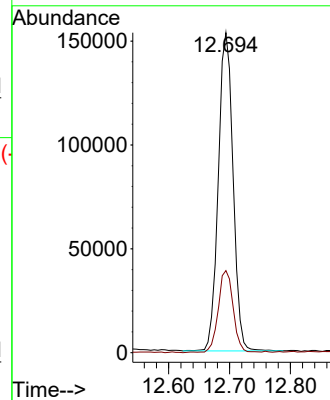
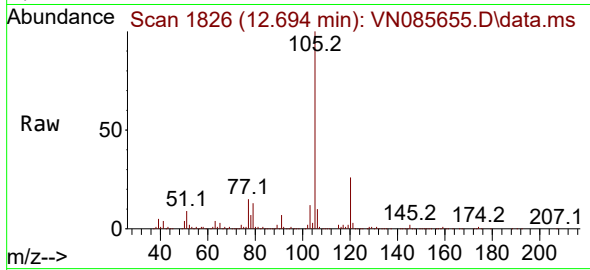
120 25.6 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#74

N-ethyl acetate

Concen: 20.202 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VN085655.D

Acq: 04 Feb 2025 16:37

Tgt Ion: 43 Resp: 100117

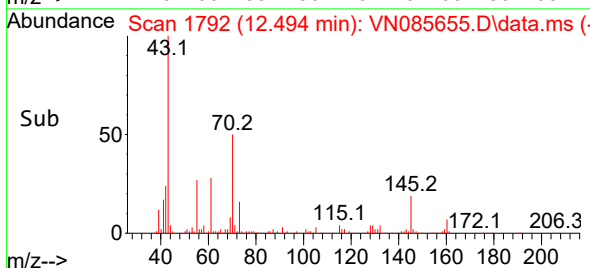
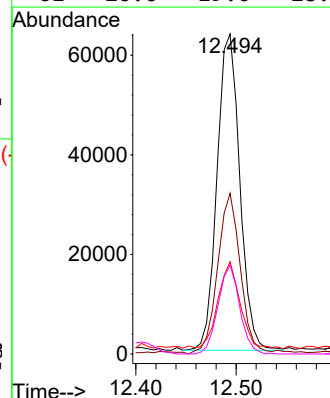
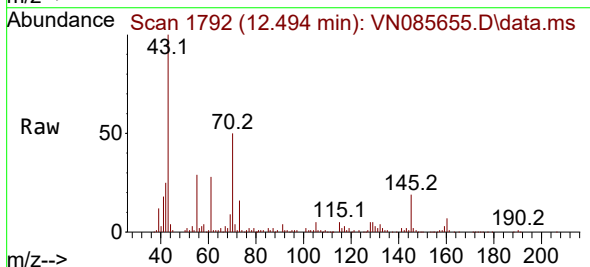
Ion Ratio Lower Upper

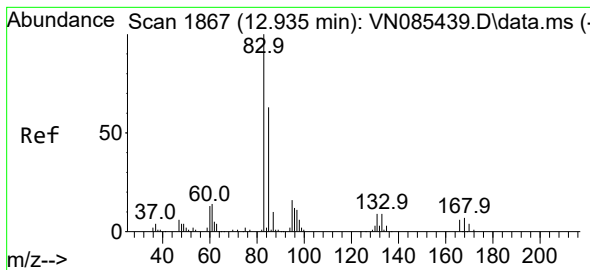
43 100

70 50.7 34.0 51.0

55 26.8 21.4 32.2

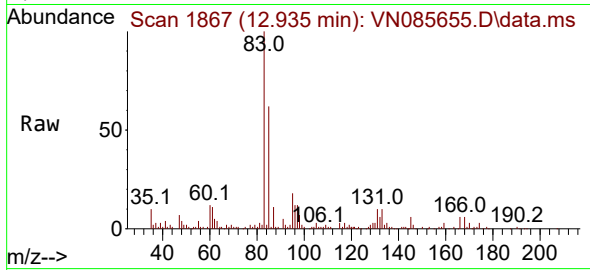
61 26.6 19.0 28.4





#75
1,1,2,2-Tetrachloroethane
Concen: 20.103 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

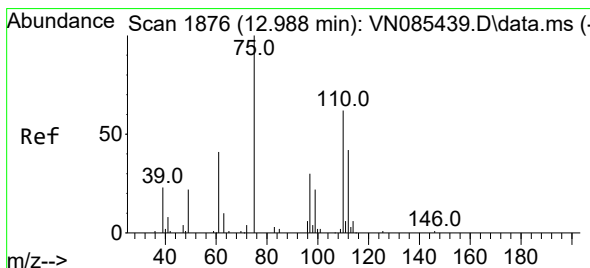
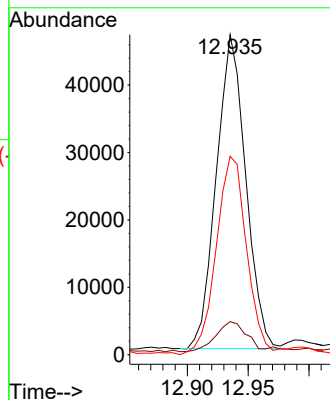
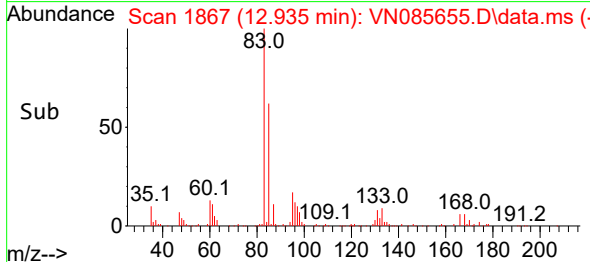
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBSD02



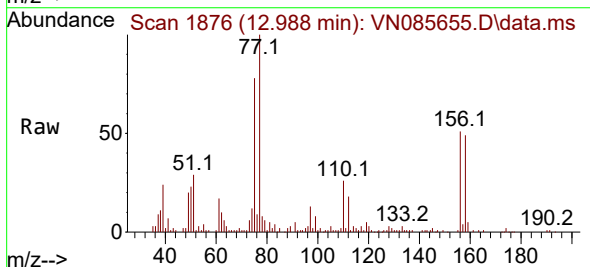
Tgt Ion: 83 Resp: 78295
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.4
85 65.9 32.2 96.6

Manual Integrations
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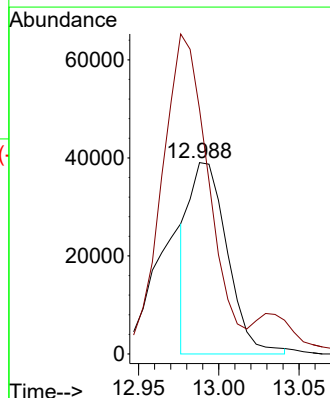
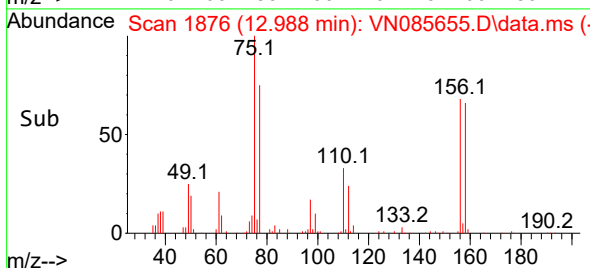
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

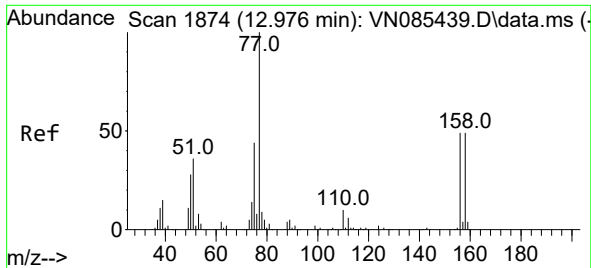


#76
1,2,3-Trichloropropane
Concen: 19.385 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37



Tgt Ion: 75 Resp: 64365
Ion Ratio Lower Upper
75 100
77 200.9 109.7 329.2





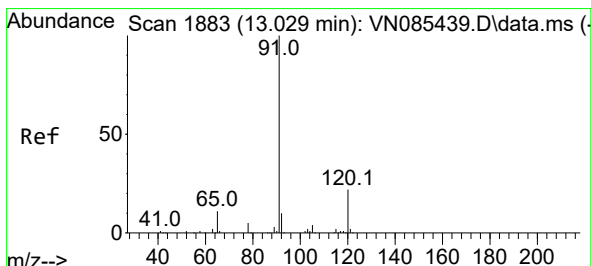
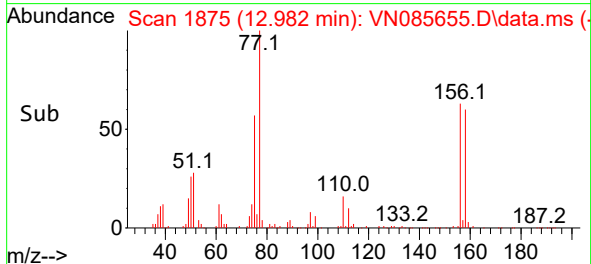
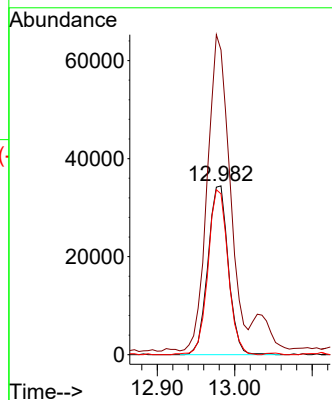
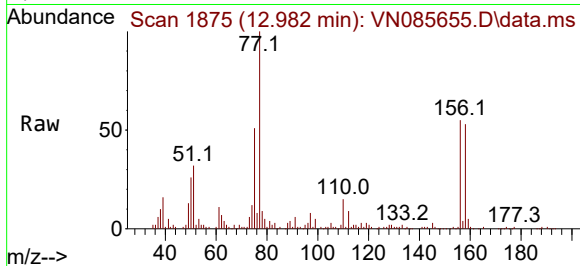
#77
Bromobenzene
Concen: 21.784 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

Instrument :
MSVOA_N
ClientSampleId :
VN0204WBSD02

Tgt Ion:156 Resp: 6275
Ion Ratio Lower Upper
156 100
77 206.0 114.1 342.4
158 96.3 48.9 146.8

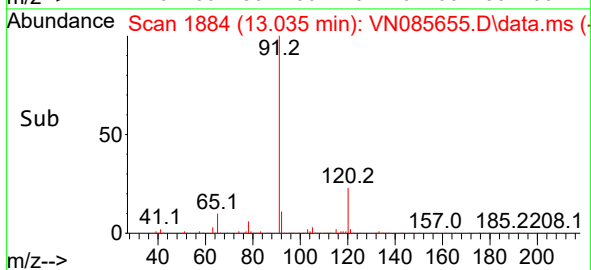
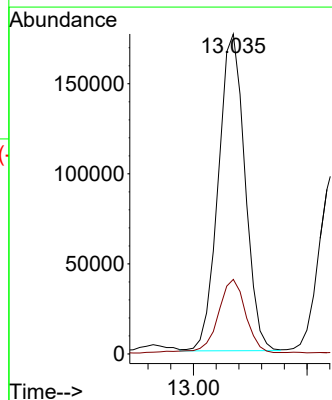
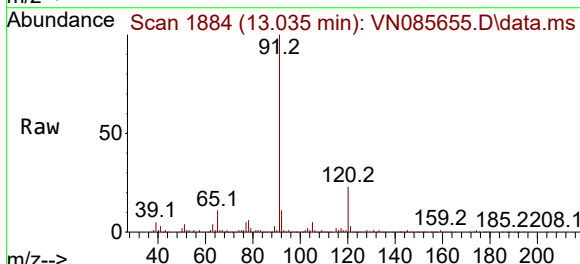
Manual Integrations
APPROVED

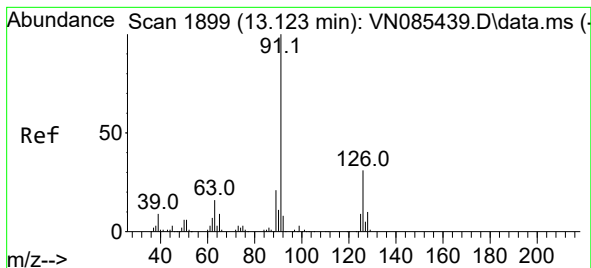
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#78
n-propylbenzene
Concen: 21.950 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

Tgt Ion: 91 Resp: 286507
Ion Ratio Lower Upper
91 100
120 24.4 10.9 32.6





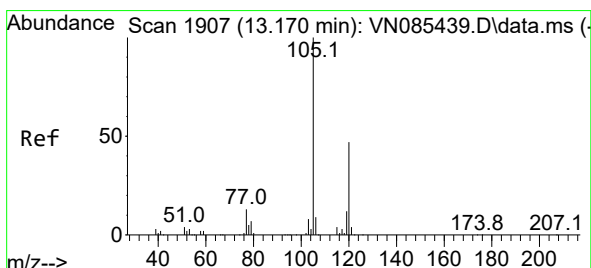
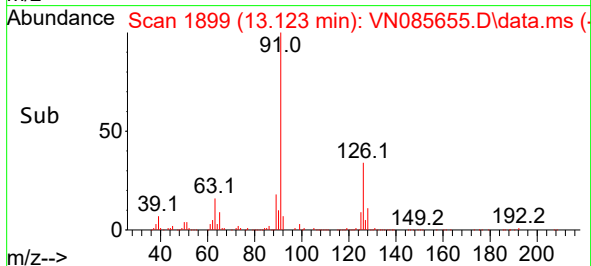
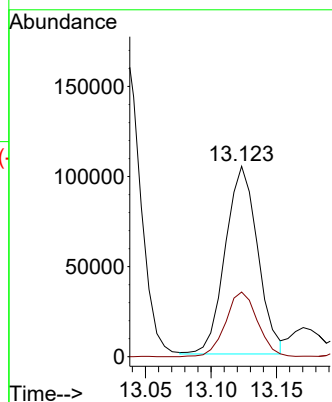
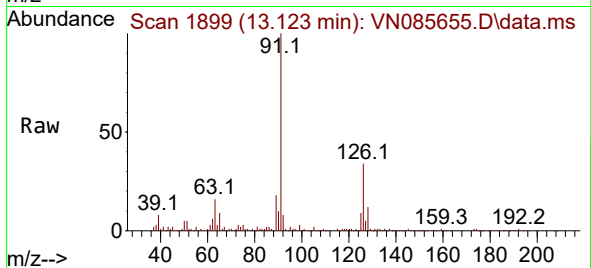
#79
2-Chlorotoluene
Concen: 21.229 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

Instrument :
MSVOA_N
ClientSampleId :
VN0204WBSD02

Tgt Ion: 91 Resp: 17933
Ion Ratio Lower Upper
91 100
126 34.0 15.7 47.1

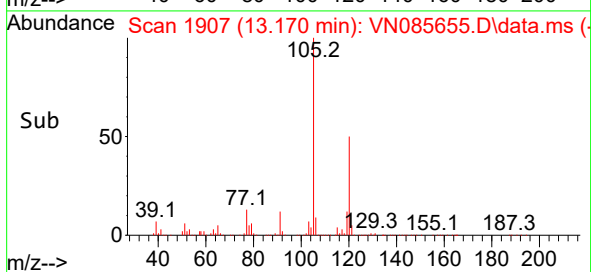
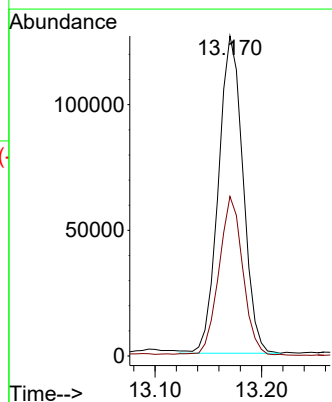
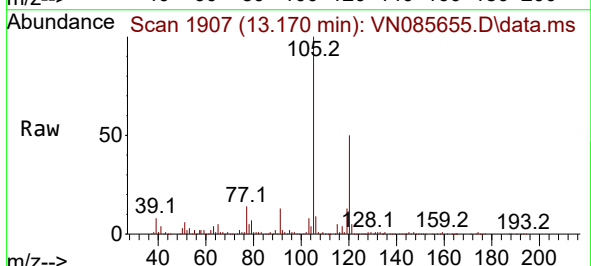
Manual Integrations
APPROVED

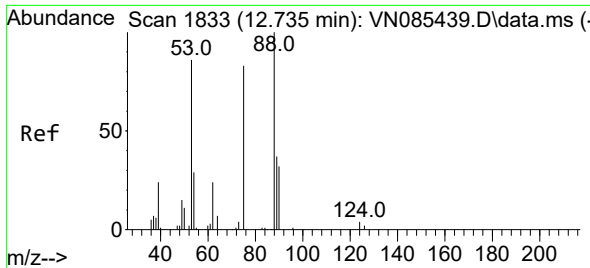
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#80
1,3,5-Trimethylbenzene
Concen: 22.184 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

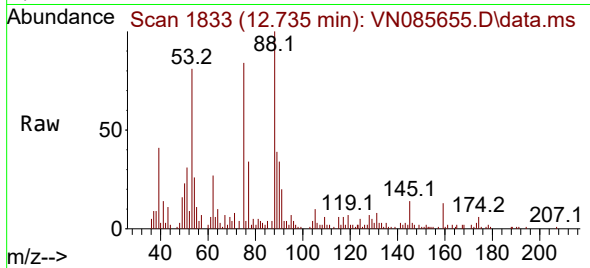
Tgt Ion:105 Resp: 202037
Ion Ratio Lower Upper
105 100
120 48.9 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 22.668 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

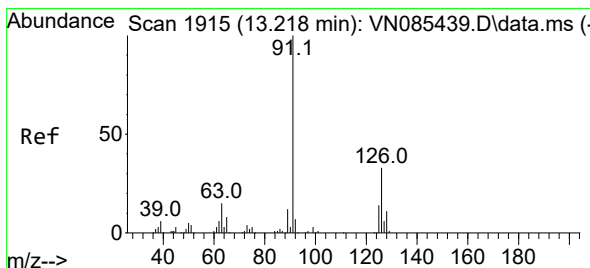
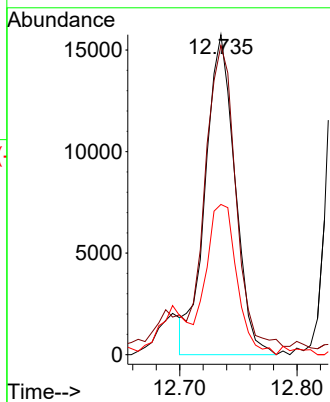
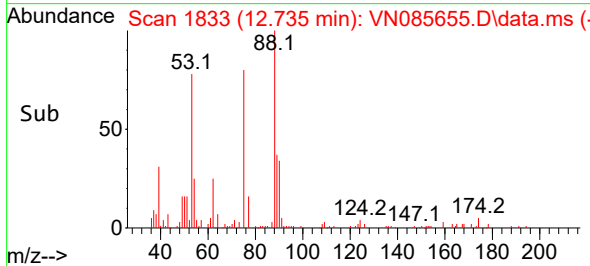
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBSD02



Tgt Ion: 75 Resp: 27819
Ion Ratio Lower Upper
75 100
53 93.9 95.6 143.4
89 47.8 37.0 55.6

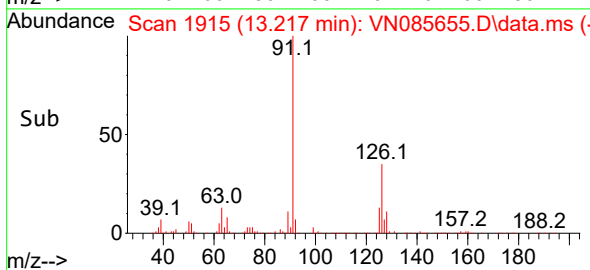
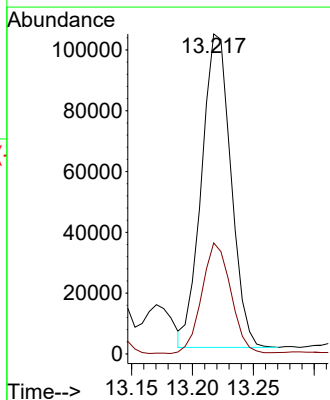
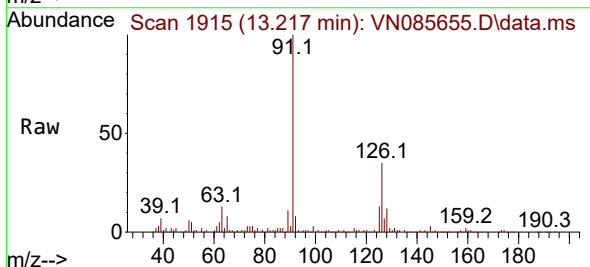
Manual Integrations
APPROVED

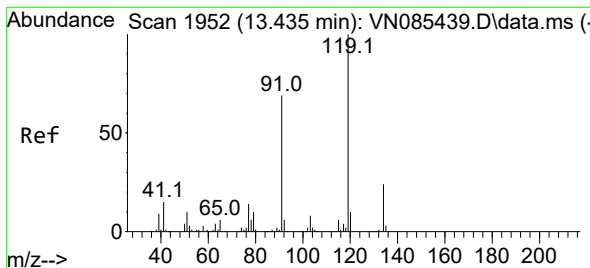
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#82
4-Chlorotoluene
Concen: 20.584 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

Tgt Ion: 91 Resp: 173140
Ion Ratio Lower Upper
91 100
126 34.6 15.9 47.7





#83

tert-Butylbenzene

Concen: 23.548 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN085655.D

Acq: 04 Feb 2025 16:37

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBSD02

Tgt Ion:119 Resp: 180098

Ion Ratio Lower Upper

119 100

91 62.1 35.1 105.3

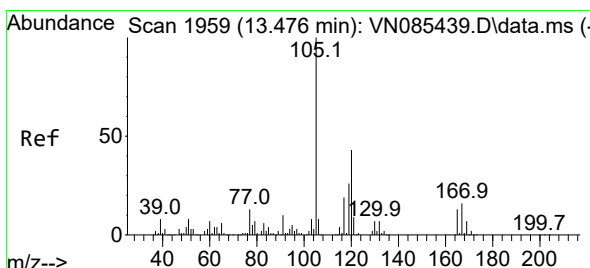
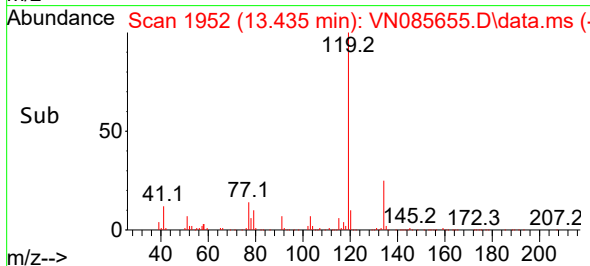
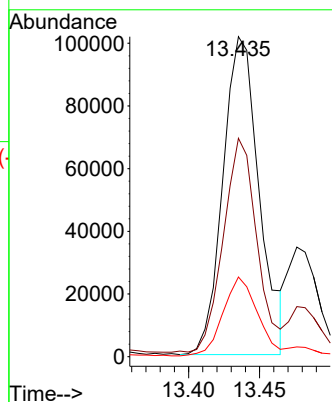
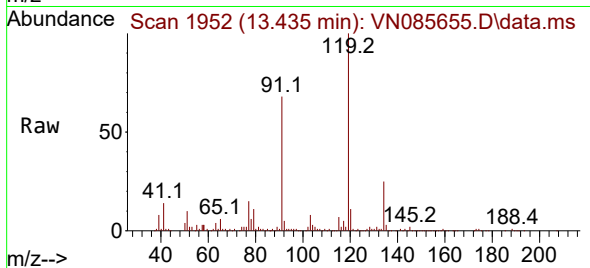
134 23.8 12.0 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#84

1,2,4-Trimethylbenzene

Concen: 22.919 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN085655.D

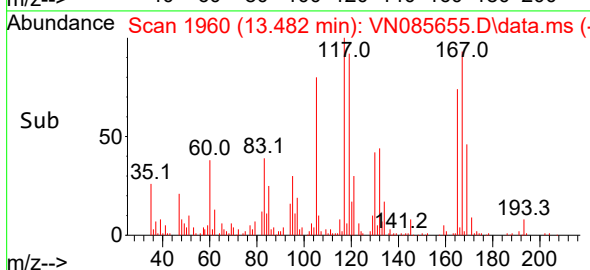
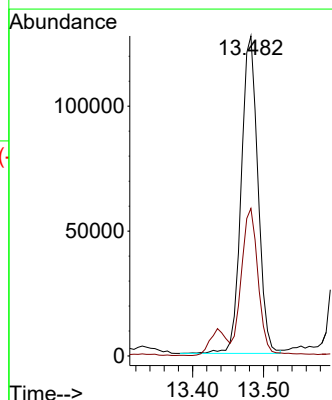
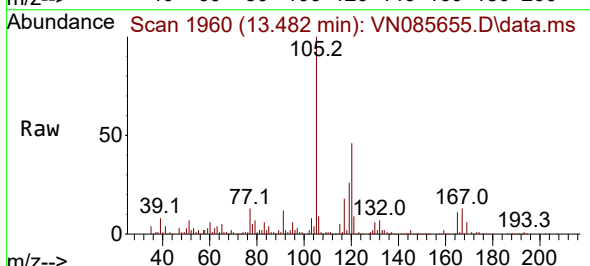
Acq: 04 Feb 2025 16:37

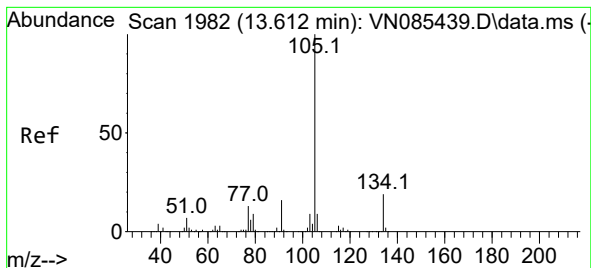
Tgt Ion:105 Resp: 208039

Ion Ratio Lower Upper

105 100

120 46.1 21.6 65.0





#85

sec-Butylbenzene

Concen: 22.904 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN085655.D

Acq: 04 Feb 2025 16:37

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBSD02

Tgt Ion:105 Resp: 24278

Ion Ratio Lower Upper

105 100

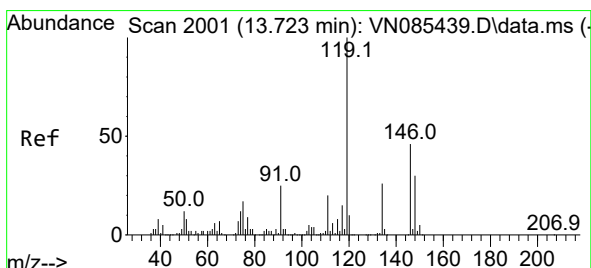
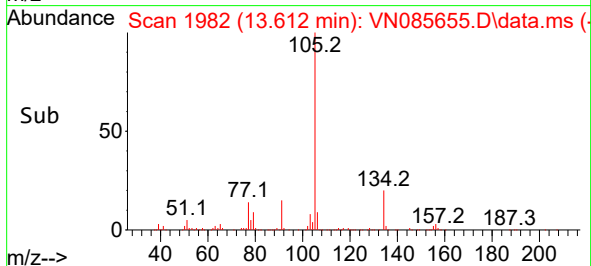
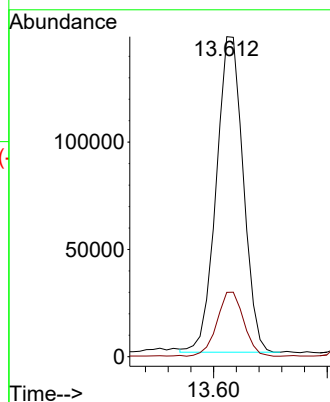
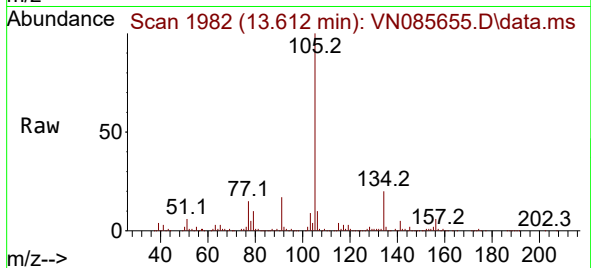
134 20.2 9.7 28.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#86

p-Isopropyltoluene

Concen: 22.987 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN085655.D

Acq: 04 Feb 2025 16:37

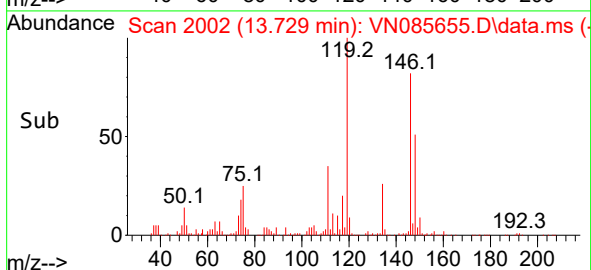
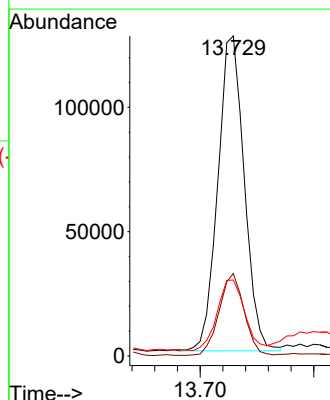
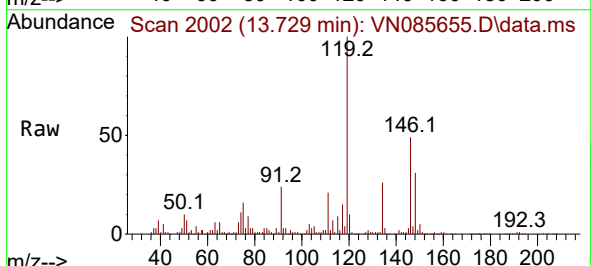
Tgt Ion:119 Resp: 204722

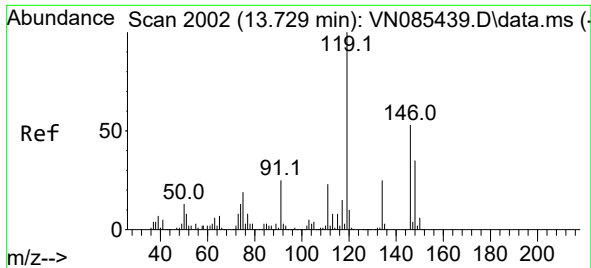
Ion Ratio Lower Upper

119 100

134 24.4 12.7 38.0

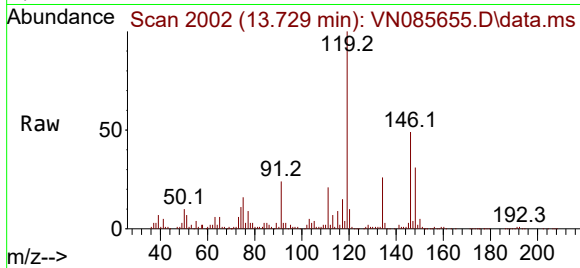
91 23.3 12.7 38.1





#87
1,3-Dichlorobenzene
Concen: 20.000 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

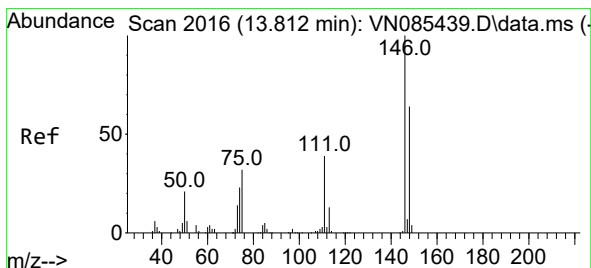
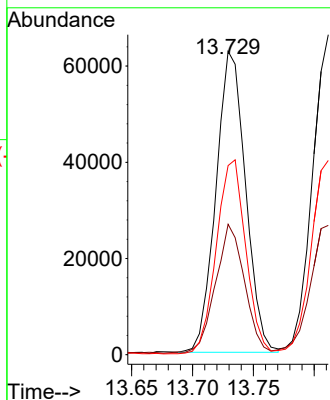
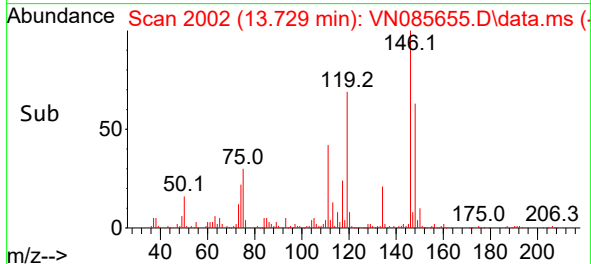
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBSD02



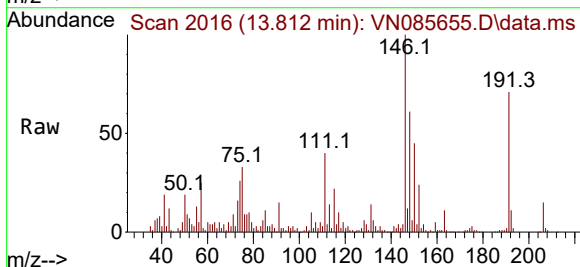
Tgt Ion:146 Resp: 106100
Ion Ratio Lower Upper
146 100
111 41.8 21.4 64.3
148 64.2 32.3 96.9

Manual Integrations
APPROVED

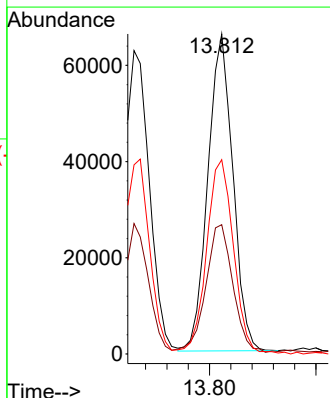
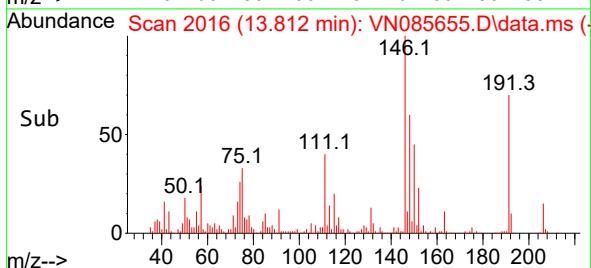
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

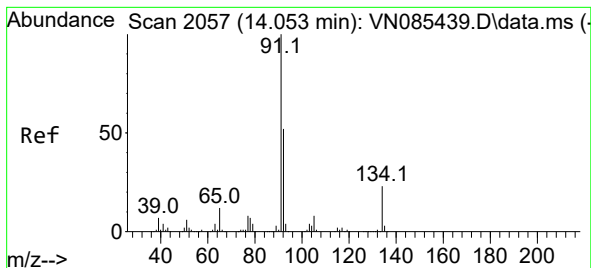


#88
1,4-Dichlorobenzene
Concen: 19.535 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37



Tgt Ion:146 Resp: 107417
Ion Ratio Lower Upper
146 100
111 43.1 21.3 63.7
148 66.1 32.4 97.0





#89

n-Butylbenzene

Concen: 23.126 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN085655.D

Acq: 04 Feb 2025 16:37

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBSD02

Tgt Ion: 91 Resp: 175860

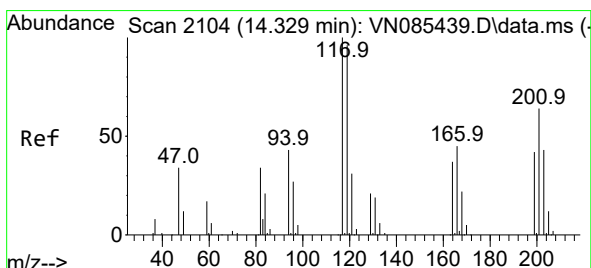
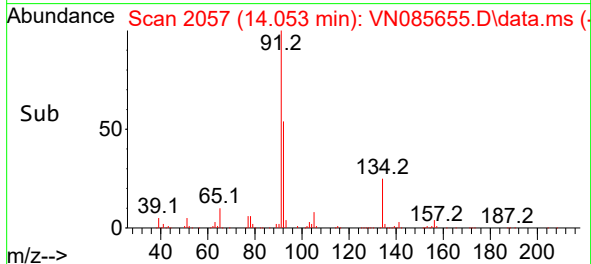
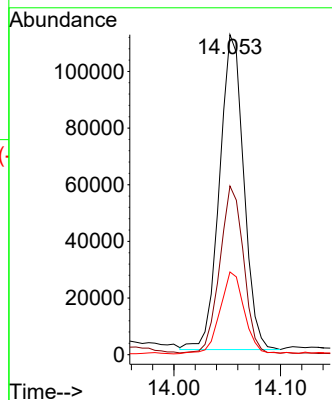
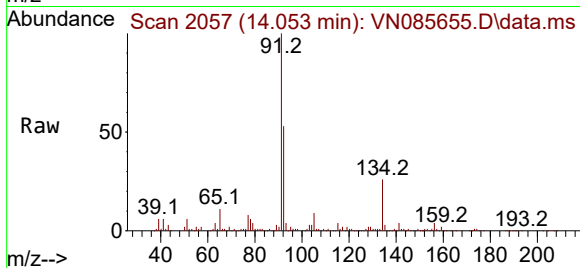
Ion	Ratio	Lower	Upper
91	100		
92	51.9	25.8	77.3
134	25.9	11.7	35.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#90

Hexachloroethane

Concen: 18.717 ug/l

RT: 14.329 min Scan# 2104

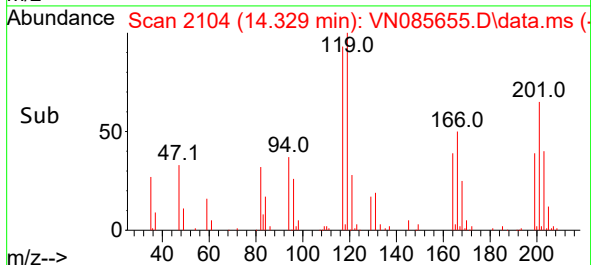
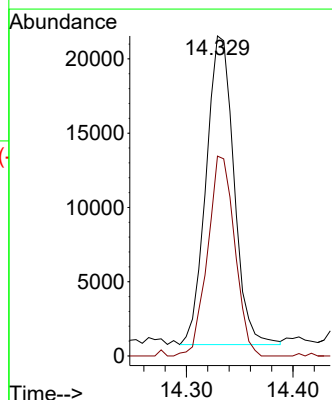
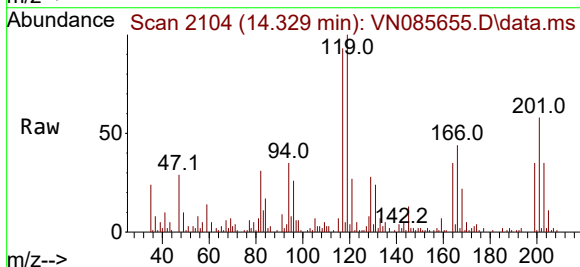
Delta R.T. -0.000 min

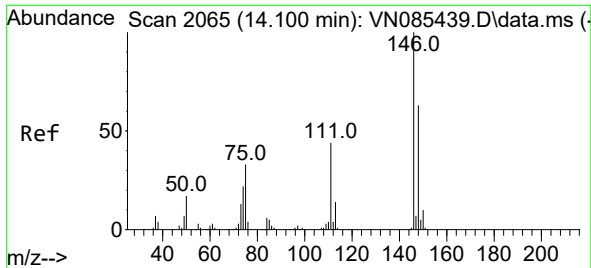
Lab File: VN085655.D

Acq: 04 Feb 2025 16:37

Tgt Ion:117 Resp: 37770

Ion	Ratio	Lower	Upper
117	100		
201	62.9	33.7	101.0





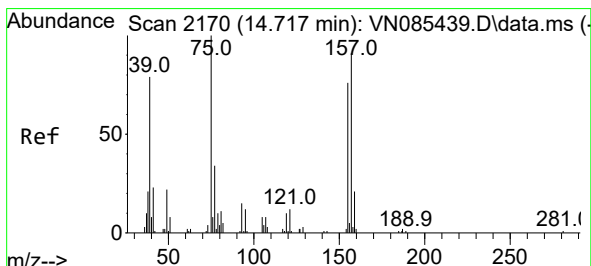
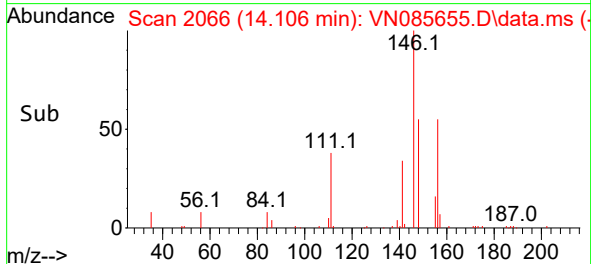
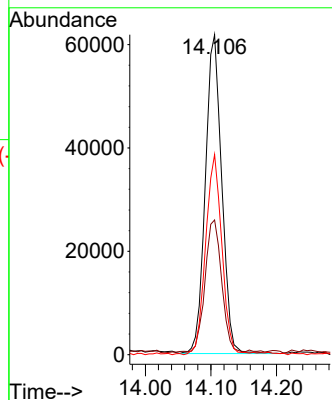
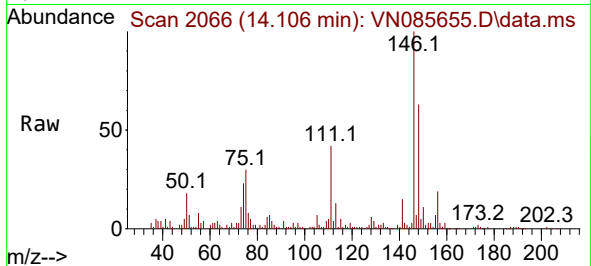
#91
1,2-Dichlorobenzene
Concen: 20.260 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

Instrument :
MSVOA_N
ClientSampleId :
VN0204WBSD02

Tgt Ion:146 Resp: 107200
Ion Ratio Lower Upper
146 100
111 43.0 21.7 65.1
148 62.4 31.4 94.2

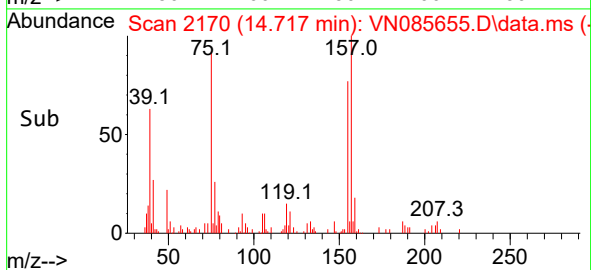
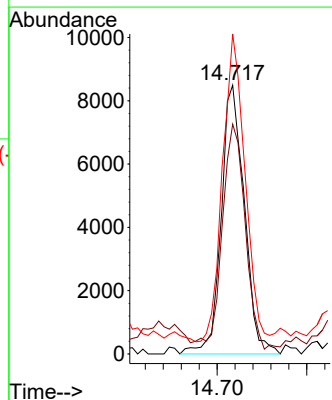
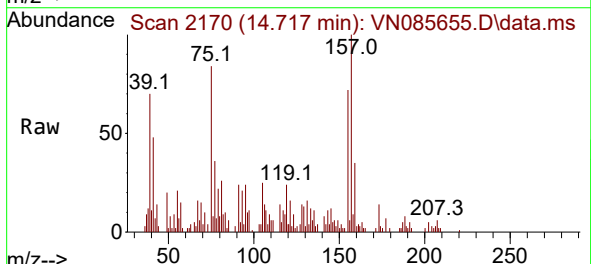
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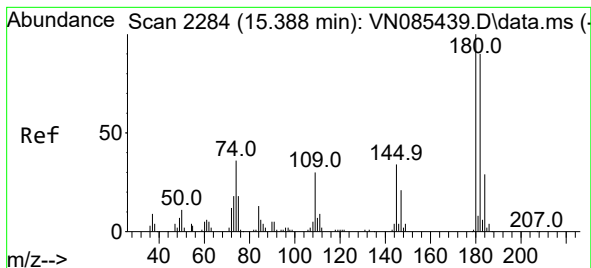
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.390 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

Tgt Ion: 75 Resp: 15213
Ion Ratio Lower Upper
75 100
155 79.4 36.4 109.2
157 110.5 45.4 136.1





#93

1,2,4-Trichlorobenzene

Concen: 20.954 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN085655.D

Acq: 04 Feb 2025 16:37

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBSD02

Tgt Ion:180 Resp: 51534

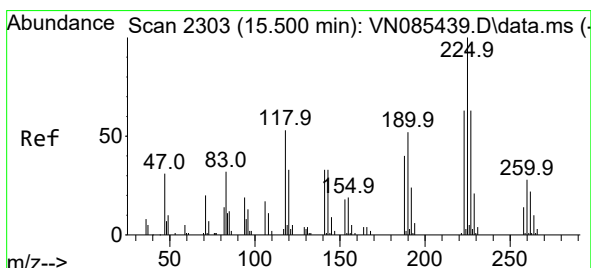
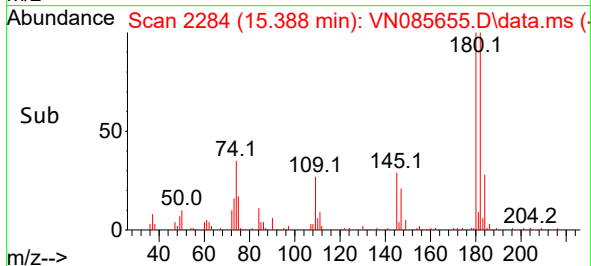
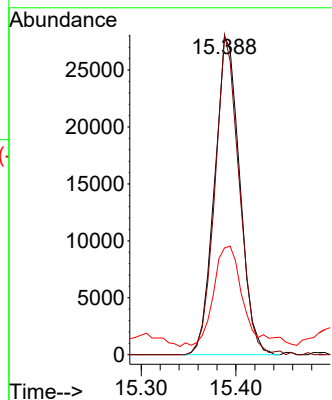
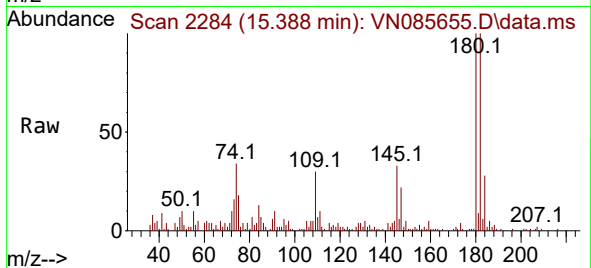
Ion	Ratio	Lower	Upper
180	100		
182	97.0	46.8	140.3
145	37.7	16.0	48.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#94

Hexachlorobutadiene

Concen: 16.350 ug/l

RT: 15.500 min Scan# 2303

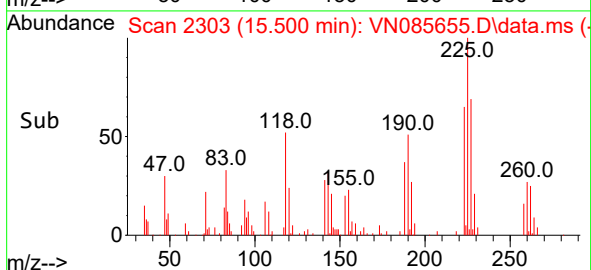
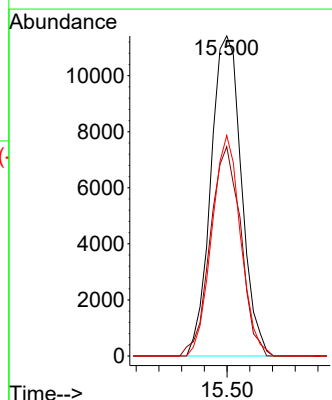
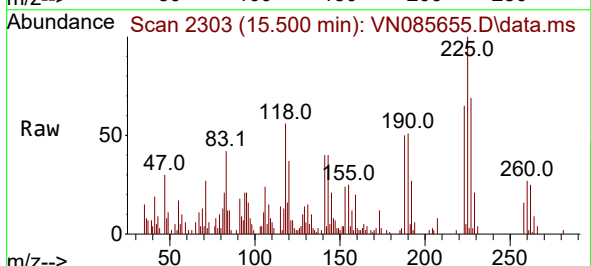
Delta R.T. -0.000 min

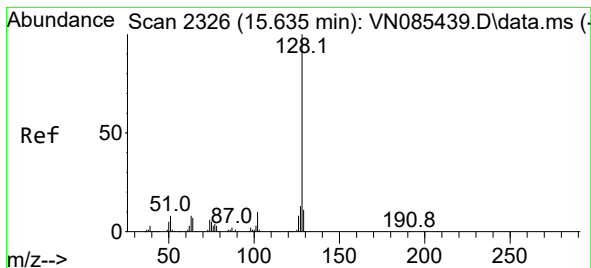
Lab File: VN085655.D

Acq: 04 Feb 2025 16:37

Tgt Ion:225 Resp: 21348

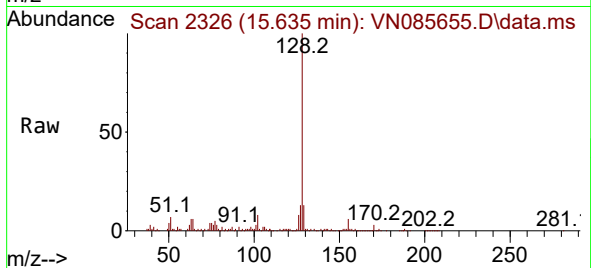
Ion	Ratio	Lower	Upper
225	100		
223	65.1	30.7	92.1
227	64.8	30.9	92.5





#95
Naphthalene
Concen: 28.382 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37

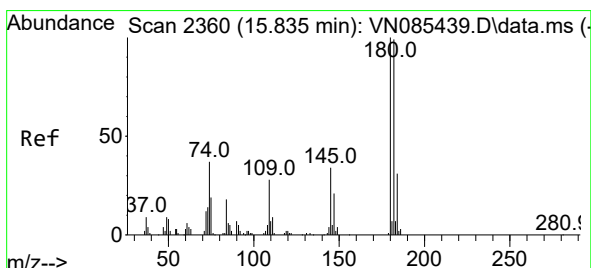
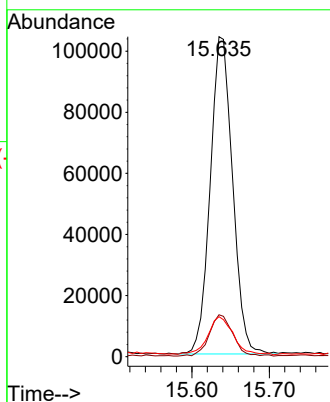
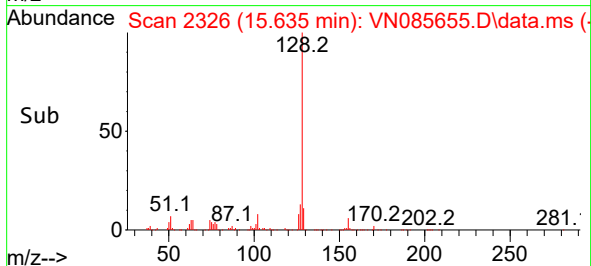
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBSD02



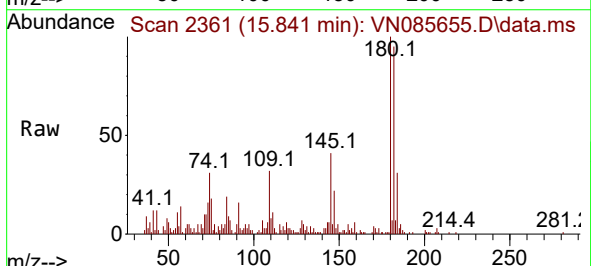
Tgt Ion:128 Resp: 20829
Ion Ratio Lower Upper
128 100
127 13.7 10.6 16.0
129 13.6 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.973 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN085655.D
Acq: 04 Feb 2025 16:37



Tgt Ion:180 Resp: 49703
Ion Ratio Lower Upper
180 100
182 97.9 47.4 142.2
145 39.9 16.9 50.7

