

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031125\
 Data File : VN085932.D
 Acq On : 11 Mar 2025 15:28
 Operator : JC\MD
 Sample : VN0311WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/12/2025
 Supervised By : Mahesh Dadoda 03/12/2025

Quant Time: Mar 12 01:21:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	166815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	269902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	102925	47.591	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.180%		
35) Dibromofluoromethane	8.165	113	84117	47.628	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.260%		
50) Toluene-d8	10.565	98	299527	46.614	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.220%		
62) 4-Bromofluorobenzene	12.847	95	106317	50.218	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	44409	19.572	ug/l	99
3) Chloromethane	2.359	50	44374	19.489	ug/l	97
4) Vinyl Chloride	2.512	62	42608	17.674	ug/l	97
5) Bromomethane	2.953	94	24991	16.212	ug/l	97
6) Chloroethane	3.118	64	25347	15.873	ug/l	99
7) Trichlorofluoromethane	3.500	101	64484	18.475	ug/l	94
8) Diethyl Ether	3.959	74	20885	18.493	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	38431	19.048	ug/l	98
10) Methyl Iodide	4.588	142	45692	18.373	ug/l	94
11) Tert butyl alcohol	5.518	59	27546	103.558	ug/l #	85
12) 1,1-Dichloroethene	4.341	96	34031	18.603	ug/l	90
13) Acrolein	4.183	56	37037	93.894	ug/l	92
14) Allyl chloride	5.018	41	45313	18.866	ug/l	93
15) Acrylonitrile	5.712	53	89670	103.697	ug/l	98
16) Acetone	4.430	43	68828	100.579	ug/l	99
17) Carbon Disulfide	4.712	76	105501	19.459	ug/l	99
18) Methyl Acetate	5.024	43	40057	17.019	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	104432	19.211	ug/l	96
20) Methylene Chloride	5.271	84	42240	19.194	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	35362	17.952	ug/l	97
22) Diisopropyl ether	6.671	45	110291	20.322	ug/l	96
23) Vinyl Acetate	6.600	43	373467	100.504	ug/l	99
24) 1,1-Dichloroethane	6.571	63	71060	19.261	ug/l	98
25) 2-Butanone	7.482	43	102911	102.220	ug/l	99
26) 2,2-Dichloropropane	7.482	77	59355	18.093	ug/l	97
27) cis-1,2-Dichloroethene	7.482	96	41008	17.955	ug/l	96
28) Bromochloromethane	7.812	49	36994	24.397	ug/l	94
29) Tetrahydrofuran	7.835	42	67190	103.352	ug/l	98
30) Chloroform	7.965	83	73399	19.038	ug/l	100
31) Cyclohexane	8.253	56	58750	19.019	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	65410	19.074	ug/l	99
36) 1,1-Dichloropropene	8.371	75	47425	18.974	ug/l	96
37) Ethyl Acetate	7.559	43	46512	22.612	ug/l	98
38) Carbon Tetrachloride	8.359	117	60097	20.235	ug/l	97
39) Methylcyclohexane	9.600	83	44632	18.176	ug/l	91
40) Benzene	8.600	78	158231	19.751	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	23989	21.816	ug/l	97
42) 1,2-Dichloroethane	8.671	62	52687	20.191	ug/l	99
43) Isopropyl Acetate	8.688	43	73303	19.978	ug/l	99
44) Trichloroethene	9.347	130	35475	18.035	ug/l	97
45) 1,2-Dichloropropane	9.612	63	39256	20.301	ug/l	97
46) Dibromomethane	9.706	93	27667	20.284	ug/l	96
47) Bromodichloromethane	9.882	83	57554	19.722	ug/l	98
48) Methyl methacrylate	9.676	41	31149	20.391	ug/l	99
49) 1,4-Dioxane	9.688	88	12981	446.857	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	217937	109.892	ug/l	98
52) Toluene	10.629	92	97359	20.732	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	54176	20.077	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	59404	20.076	ug/l	93
55) 1,1,2-Trichloroethane	11.012	97	36590	19.597	ug/l	97
56) Ethyl methacrylate	10.870	69	48469	19.676	ug/l	97
57) 1,3-Dichloropropane	11.159	76	62641	20.098	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	92918	104.180	ug/l	98
59) 2-Hexanone	11.194	43	154345	113.129	ug/l	99
60) Dibromochloromethane	11.359	129	45593	20.971	ug/l	95
61) 1,2-Dibromoethane	11.465	107	35932	20.368	ug/l	99
64) Tetrachloroethene	11.100	164	34886	18.449	ug/l	94
65) Chlorobenzene	11.888	112	102428	18.318	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	37980	18.897	ug/l	100
67) Ethyl Benzene	11.959	91	164011	18.725	ug/l	99
68) m/p-Xylenes	12.070	106	132245	39.747	ug/l	99
69) o-Xylene	12.400	106	60408	19.107	ug/l	98
70) Styrene	12.412	104	103470	19.049	ug/l	98
71) Bromoform	12.576	173	30578	20.475	ug/l #	99
73) Isopropylbenzene	12.694	105	149903	17.740	ug/l	99
74) N-amyl acetate	12.494	43	56542	18.975	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	53436	18.378	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	51299m	18.724	ug/l	
77) Bromobenzene	12.976	156	41022	17.969	ug/l	93
78) n-propylbenzene	13.035	91	179451	18.544	ug/l	99
79) 2-Chlorotoluene	13.123	91	119913	18.546	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	130459	18.953	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	19541	20.811	ug/l	90
82) 4-Chlorotoluene	13.217	91	122450	19.104	ug/l	99
83) tert-Butylbenzene	13.435	119	102074	17.635	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	131448	19.302	ug/l	99
85) sec-Butylbenzene	13.611	105	145745	17.821	ug/l	99
86) p-Isopropyltoluene	13.729	119	119735	17.268	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	76798	17.956	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	77090	17.586	ug/l	100
89) n-Butylbenzene	14.053	91	95229	16.401	ug/l	96
90) Hexachloroethane	14.329	117	26609	17.180	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	73481	17.866	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9607	17.993	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	31550	16.098	ug/l	99
94) Hexachlorobutadiene	15.494	225	18407	15.454	ug/l	98
95) Naphthalene	15.635	128	82066	15.252	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	31176	15.845	ug/l	99

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Response via : Initial Calibration

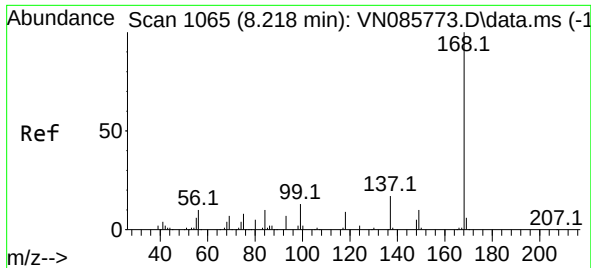
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

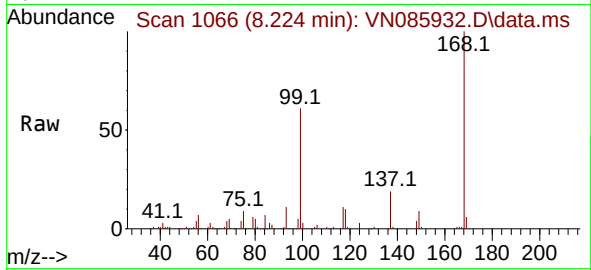
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

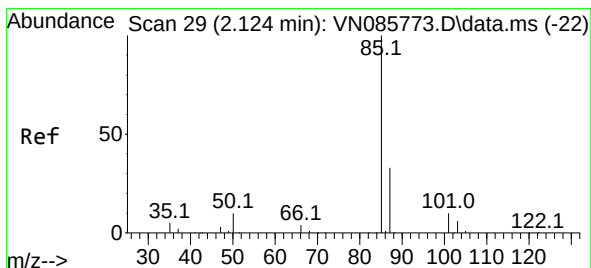
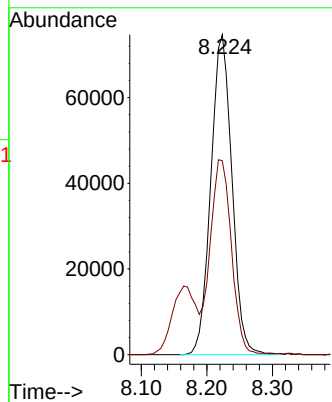
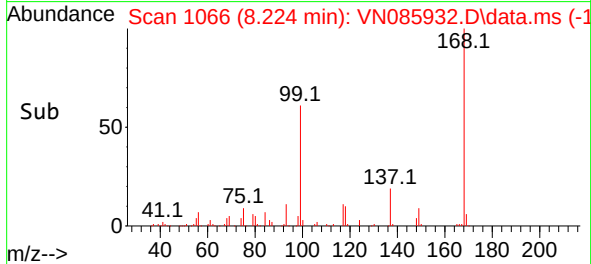
Instrument :
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Tgt Ion:168 Resp: 16681
Ion Ratio Lower Upper
168 100
99 60.3 47.9 71.9

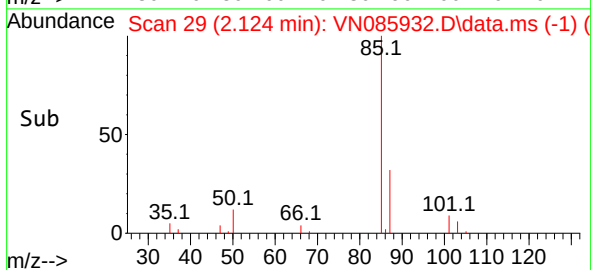
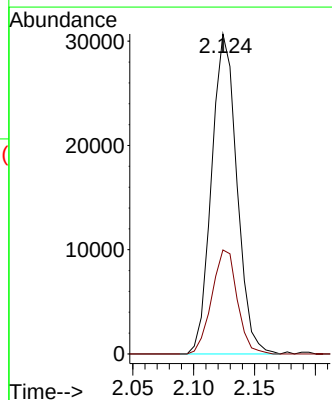
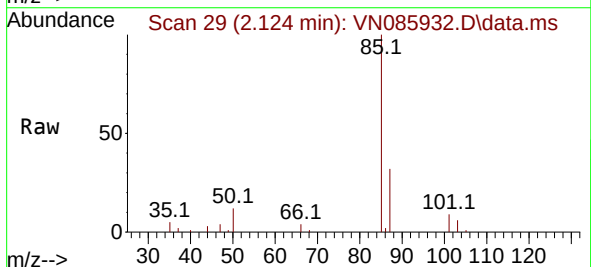
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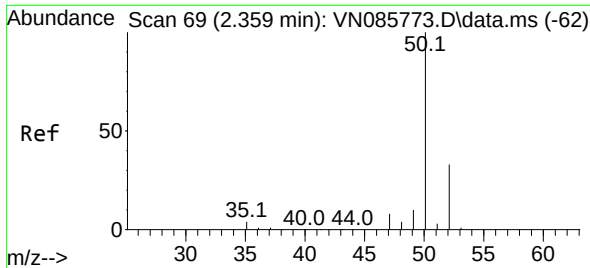
Reviewed By :John Carlone 03/12/2025
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#2
Dichlorodifluoromethane
Concen: 19.572 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion: 85 Resp: 44409
Ion Ratio Lower Upper
85 100
87 32.5 16.4 49.2





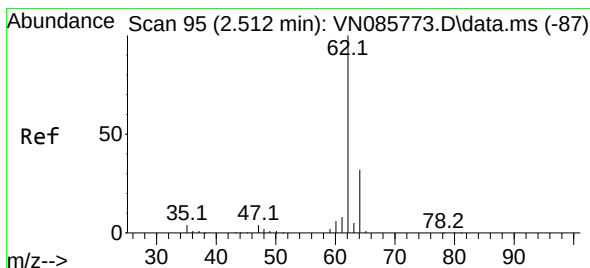
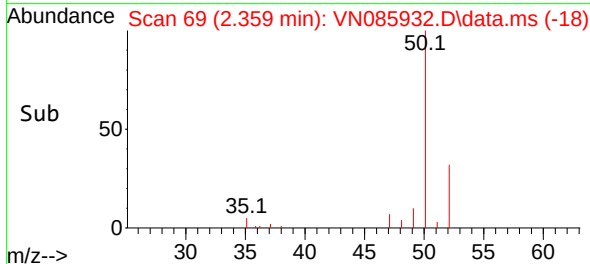
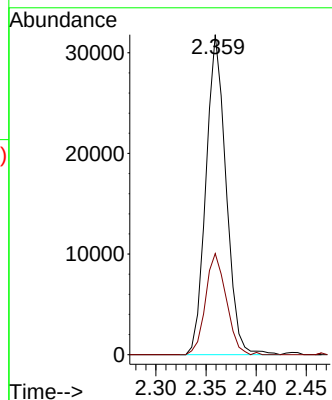
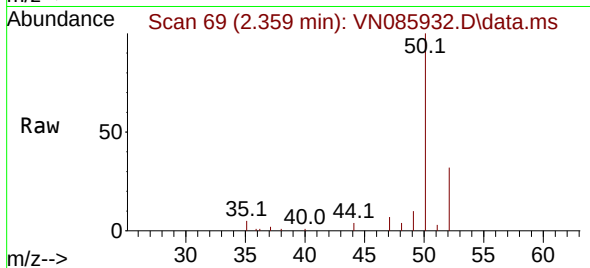
#3
Chloromethane
Concen: 19.489 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085932.D
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Tgt Ion: 50 Resp: 44374
Ion Ratio Lower Upper
50 100
52 31.6 26.7 40.1

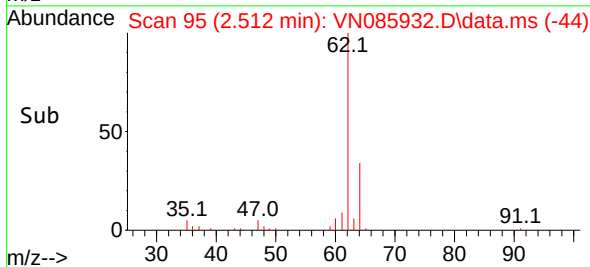
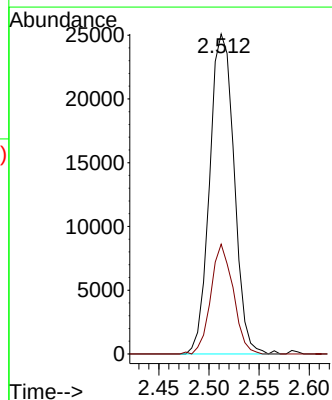
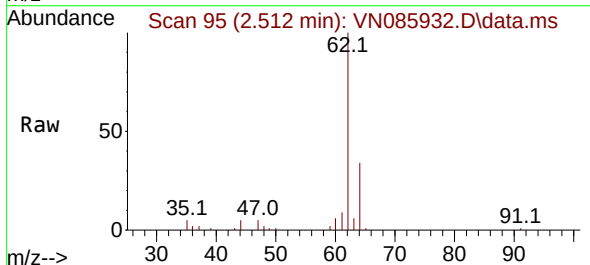
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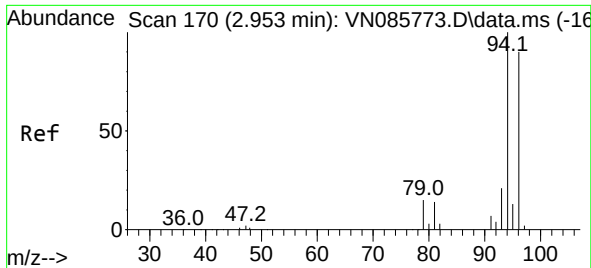
Reviewed By :John Carlone 03/12/2025
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#4
Vinyl Chloride
Concen: 17.674 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion: 62 Resp: 42608
Ion Ratio Lower Upper
62 100
64 34.3 25.9 38.9





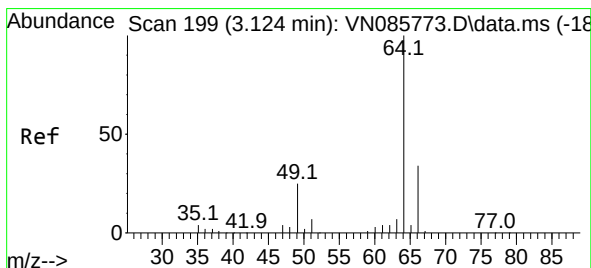
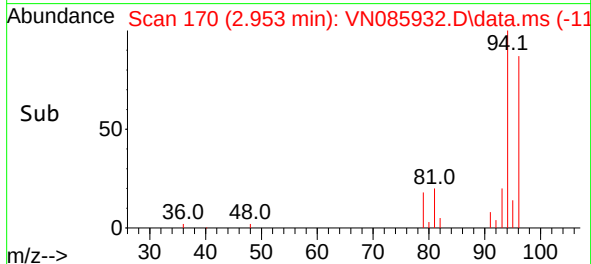
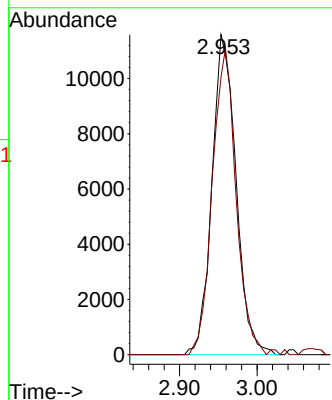
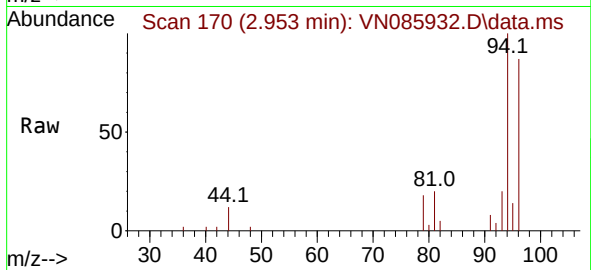
#5
Bromomethane
Concen: 16.212 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085932.D
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Tgt Ion: 94 Resp: 2499
Ion Ratio Lower Upper
94 100
96 86.8 71.7 107.5

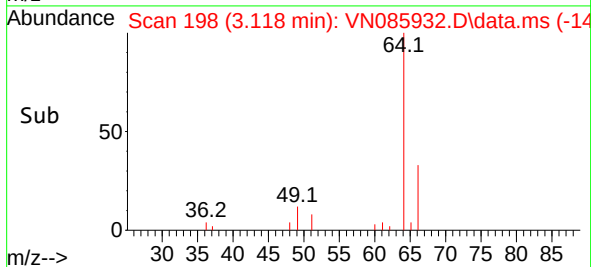
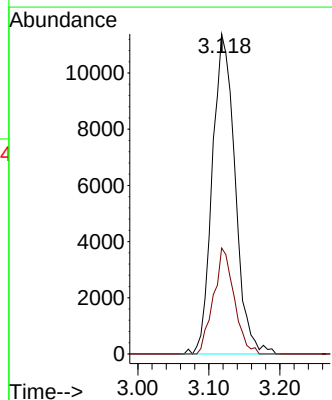
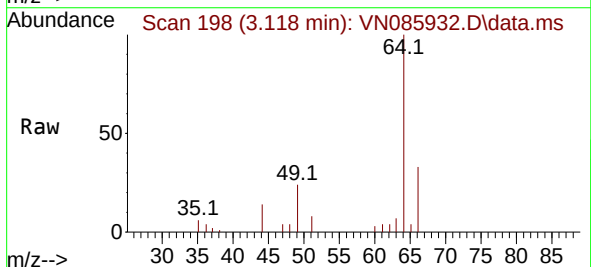
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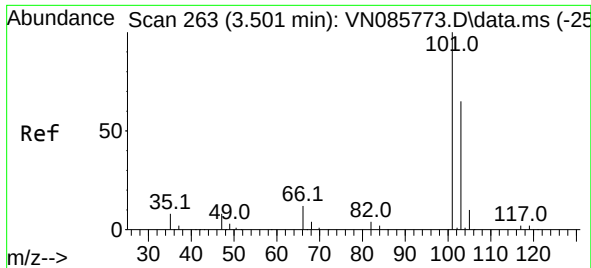
Reviewed By :John Carlone 03/12/2025
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#6
Chloroethane
Concen: 15.873 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 25347
Ion Ratio Lower Upper
64 100
66 33.1 27.0 40.6





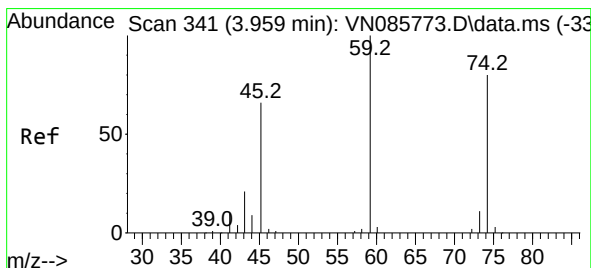
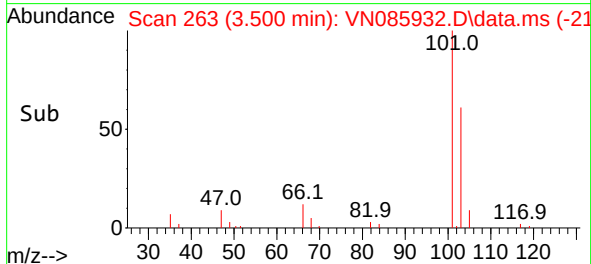
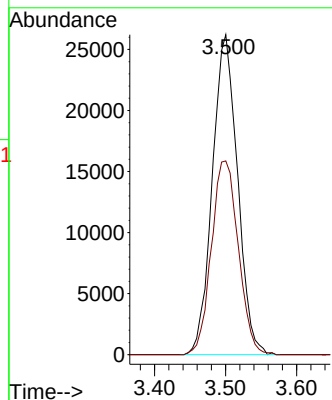
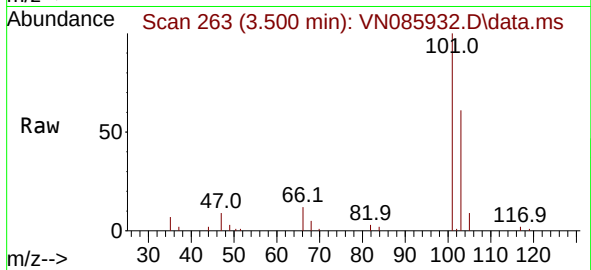
#7
 Trichlorofluoromethane
 Concen: 18.475 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN085932.D
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Instrument :
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Tgt Ion:101 Resp: 64484
 Ion Ratio Lower Upper
 101 100
 103 60.6 52.2 78.4

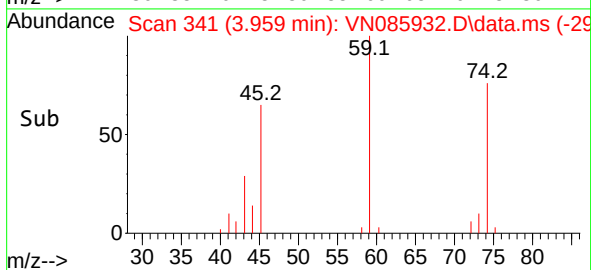
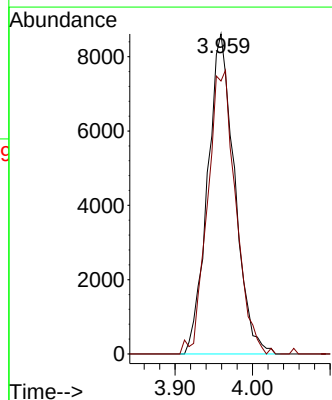
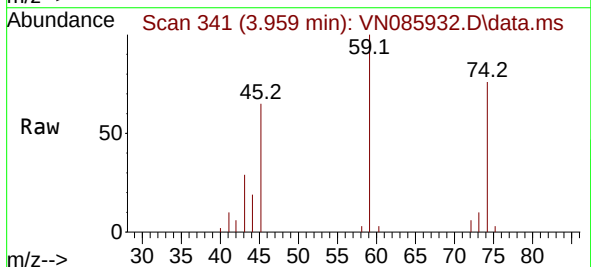
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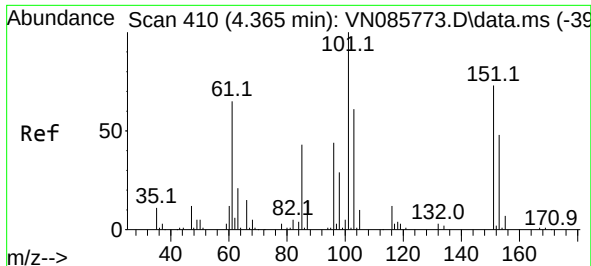
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#8
 Diethyl Ether
 Concen: 18.493 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 20885
 Ion Ratio Lower Upper
 74 100
 45 92.4 42.5 127.6





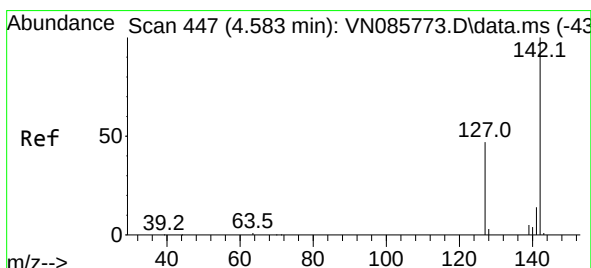
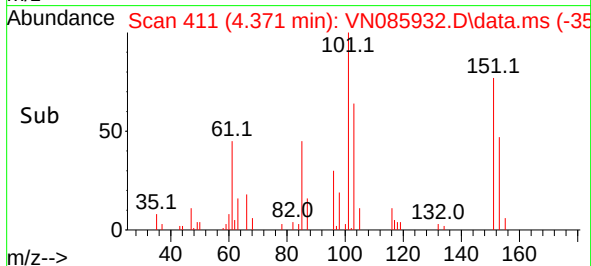
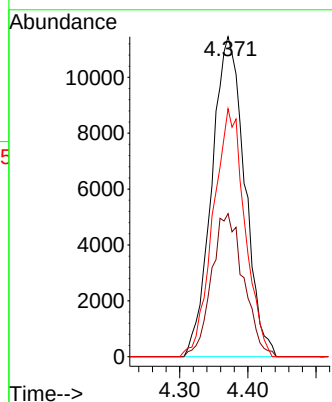
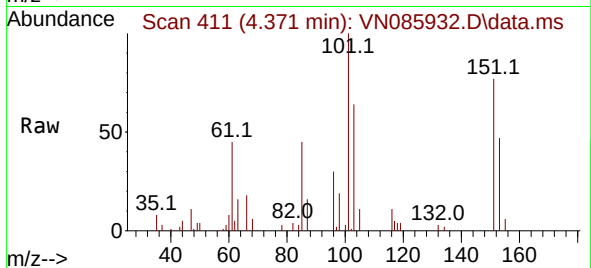
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.048 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

Tgt Ion:101 Resp: 3843
Ion Ratio Lower Upper
101 100
85 43.5 35.7 53.5
151 74.8 61.4 92.2

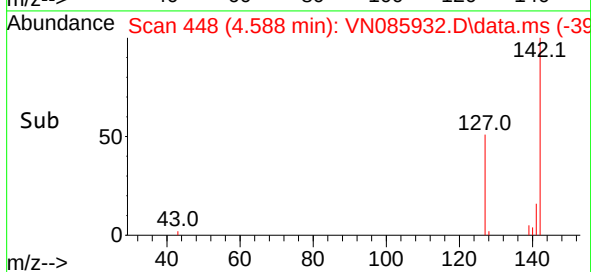
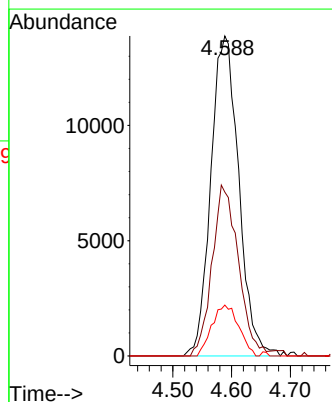
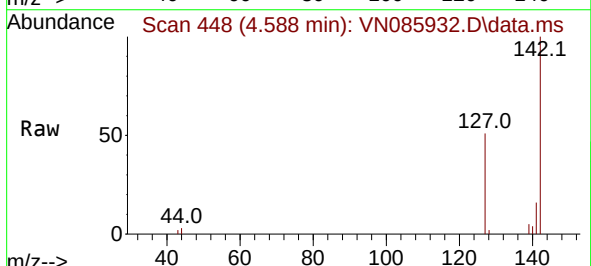
Manual Integrations
APPROVED

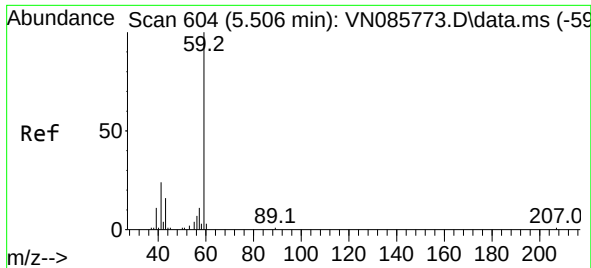
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#10
Methyl Iodide
Concen: 18.373 ug/l
RT: 4.588 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion:142 Resp: 45692
Ion Ratio Lower Upper
142 100
127 51.2 37.6 56.4
141 15.9 11.4 17.2





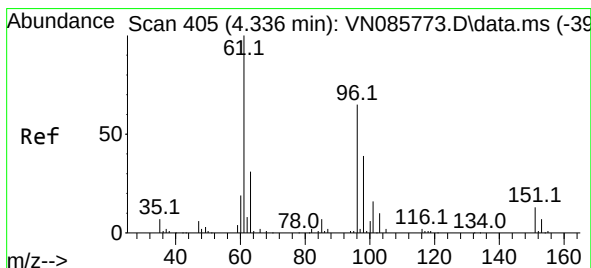
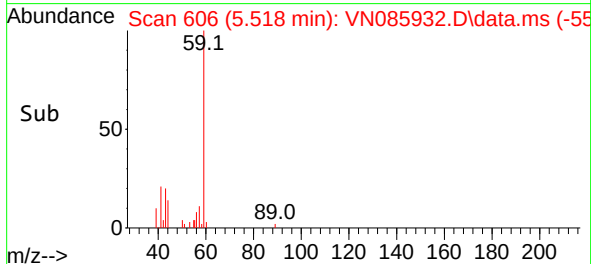
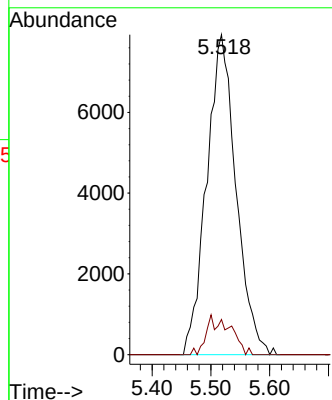
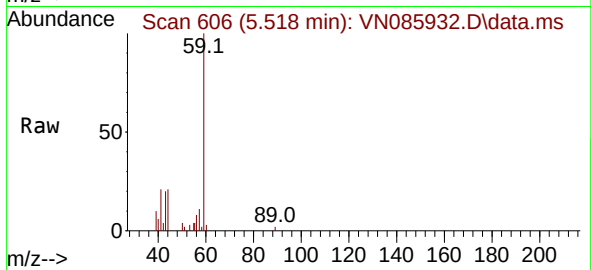
#11
Tert butyl alcohol
Concen: 103.558 ug/l
RT: 5.518 min Scan# 604
Delta R.T. 0.012 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

Tgt Ion: 59 Resp: 27540
Ion Ratio Lower Upper
59 100
57 4.7 8.3 12.5

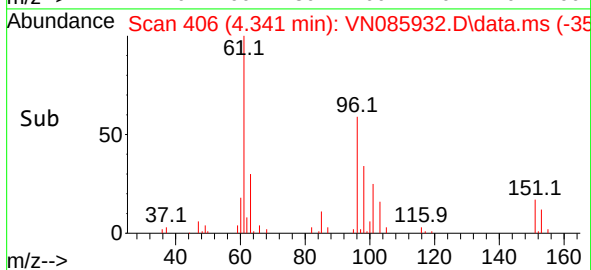
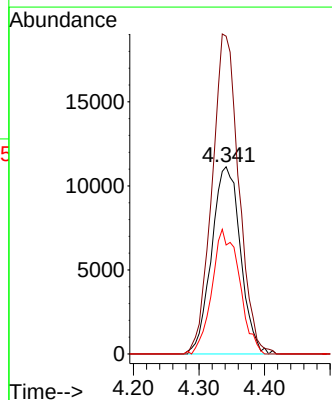
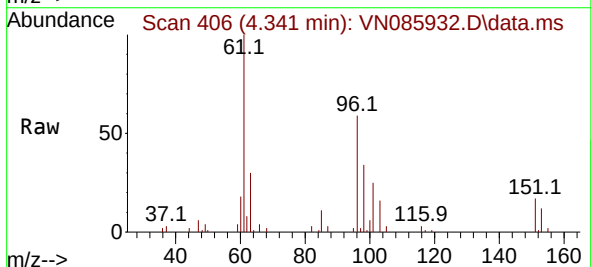
Manual Integrations
APPROVED

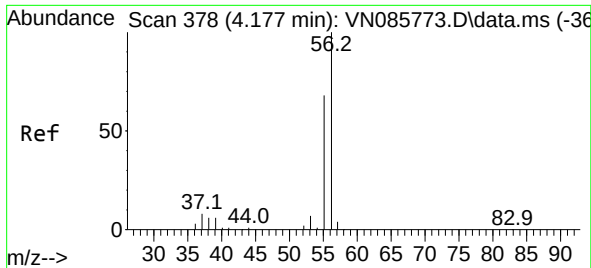
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#12
1,1-Dichloroethene
Concen: 18.603 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion: 96 Resp: 34031
Ion Ratio Lower Upper
96 100
61 169.7 123.3 184.9
98 58.2 48.6 72.8





#13

Acrolein

Concen: 93.894 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN085932.D

Acq: 11 Mar 2025 15:28

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBSD01

Tgt Ion: 56 Resp: 3703

Ion Ratio Lower Upper

56 100

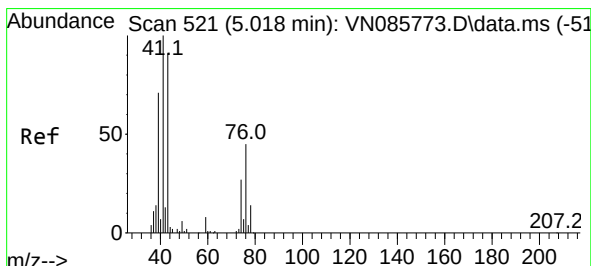
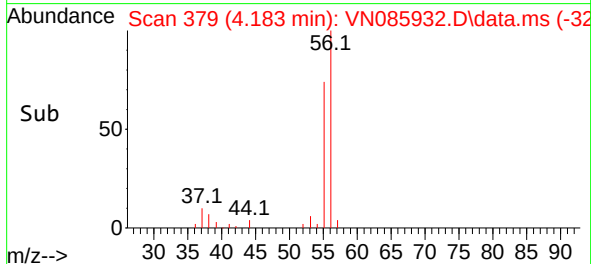
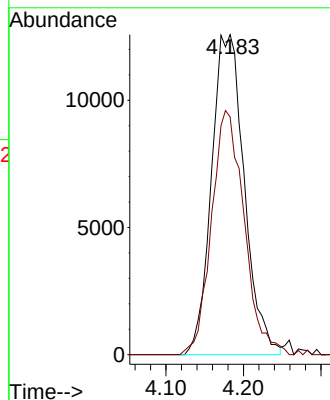
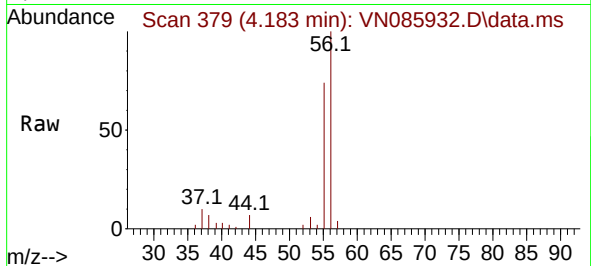
55 75.9 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#14

Allyl chloride

Concen: 18.866 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN085932.D

Acq: 11 Mar 2025 15:28

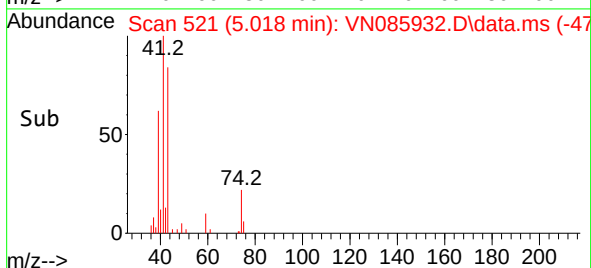
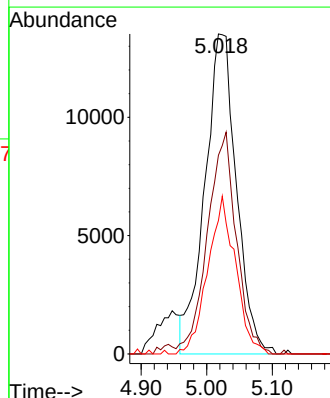
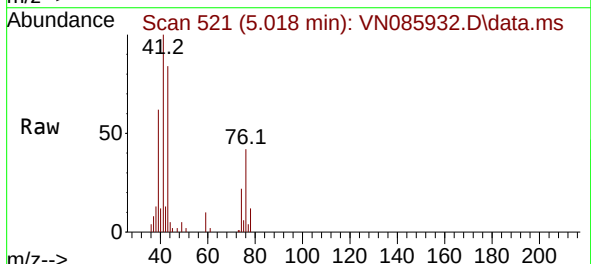
Tgt Ion: 41 Resp: 45313

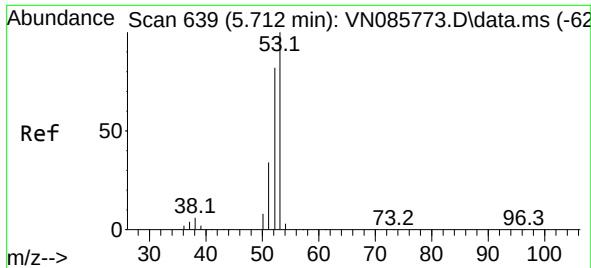
Ion Ratio Lower Upper

41 100

39 63.4 57.4 86.2

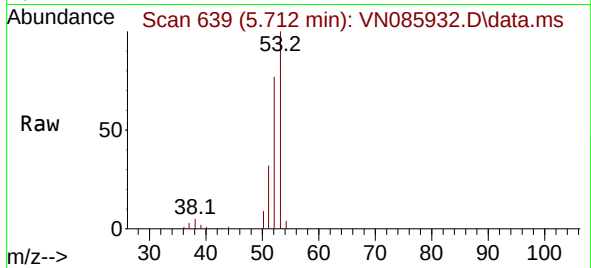
76 43.3 36.2 54.2





#15
Acrylonitrile
Concen: 103.697 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

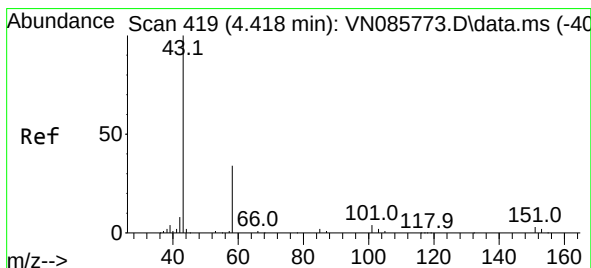
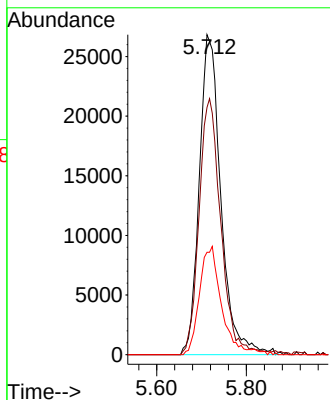
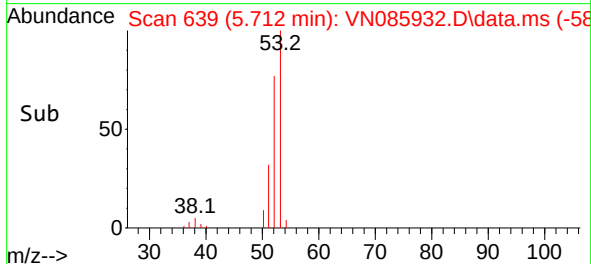
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



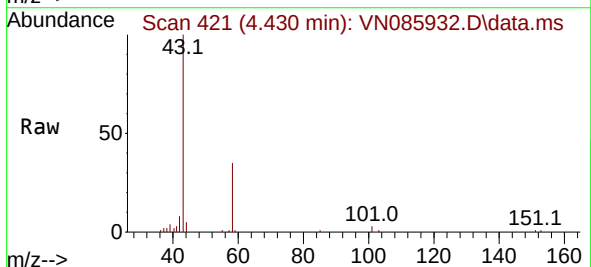
Tgt Ion: 53 Resp: 89670
Ion Ratio Lower Upper
53 100
52 80.7 65.8 98.6
51 34.6 28.6 42.8

Manual Integrations
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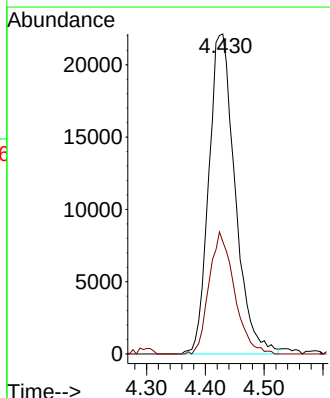
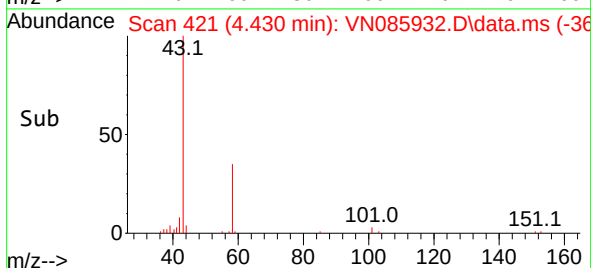
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

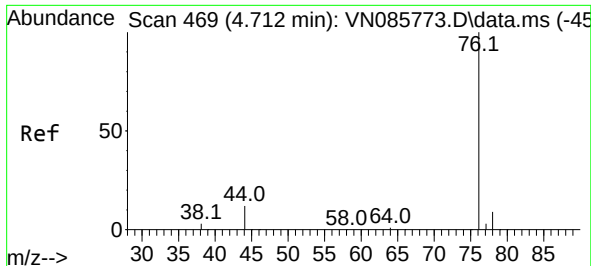


#16
Acetone
Concen: 100.579 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28



Tgt Ion: 43 Resp: 68828
Ion Ratio Lower Upper
43 100
58 35.1 27.5 41.3





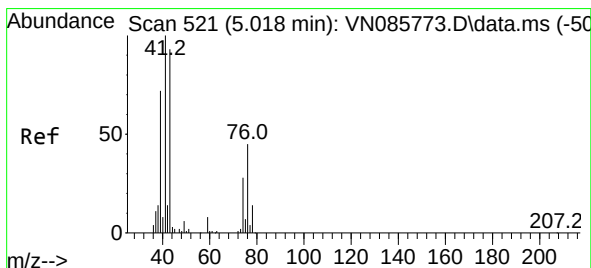
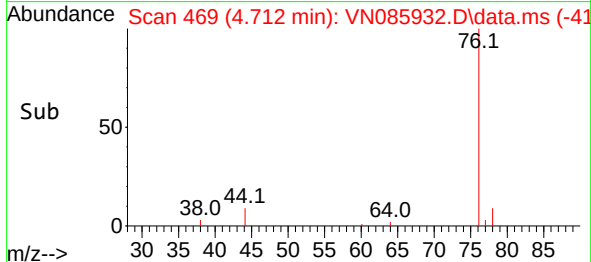
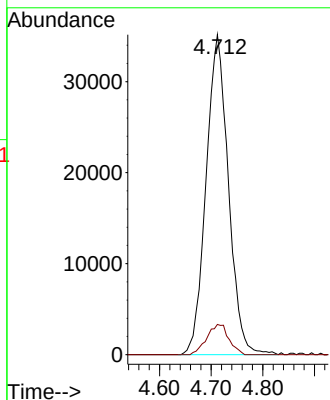
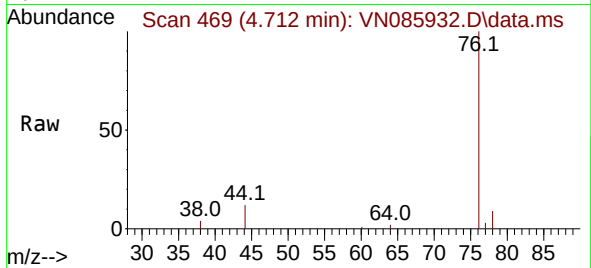
#17
Carbon Disulfide
Concen: 19.459 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

Tgt Ion: 76 Resp: 10550
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

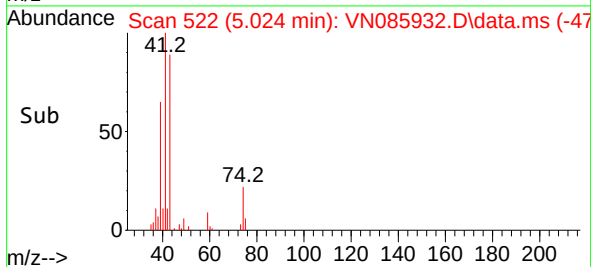
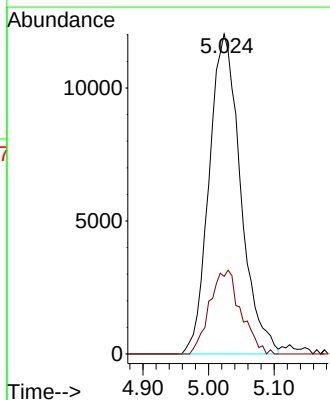
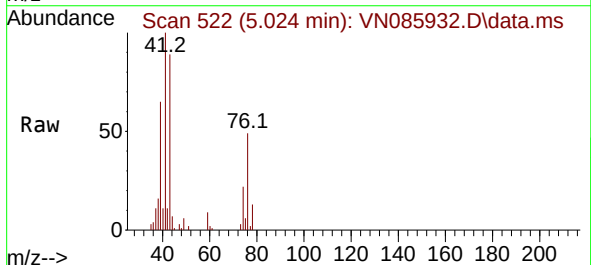
Manual Integrations
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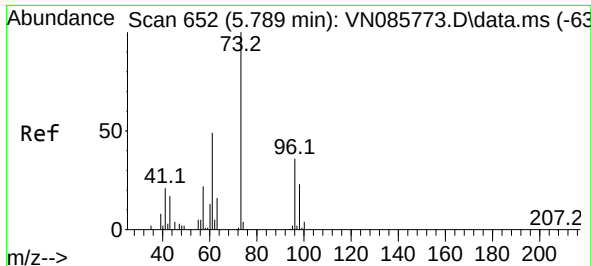
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#18
Methyl Acetate
Concen: 17.019 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion: 43 Resp: 40057
Ion Ratio Lower Upper
43 100
74 25.9 22.2 33.4





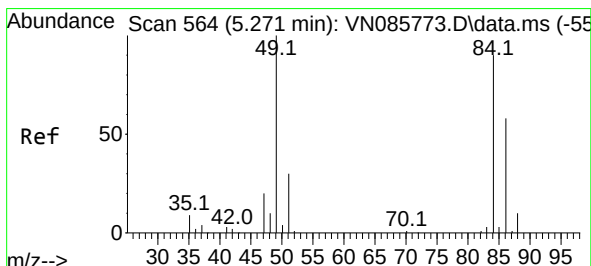
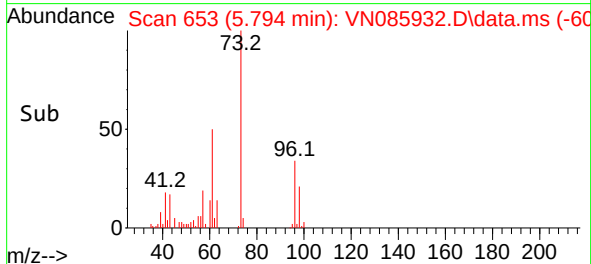
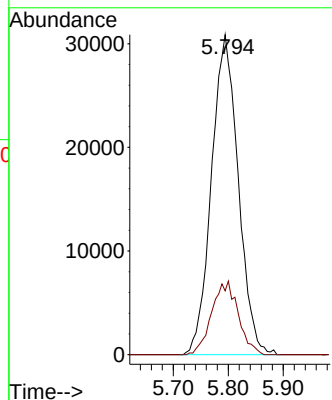
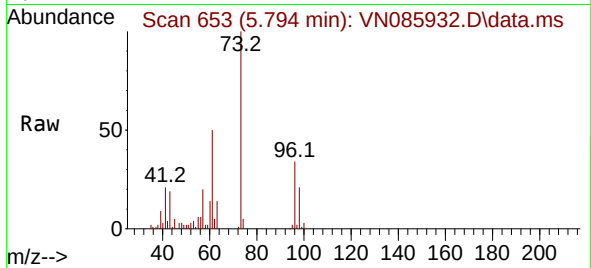
#19
Methyl tert-butyl Ether
Concen: 19.211 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

Tgt Ion: 73 Resp: 10443
Ion Ratio Lower Upper
73 100
57 20.0 17.6 26.4

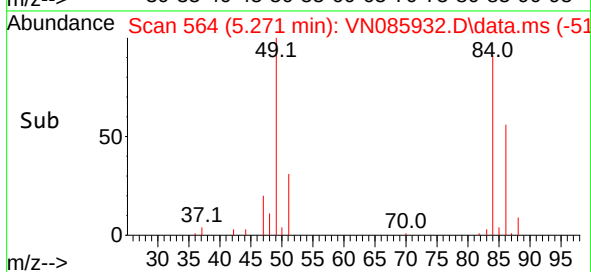
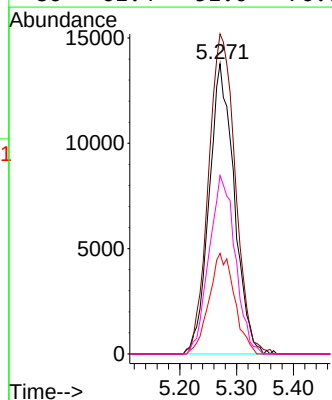
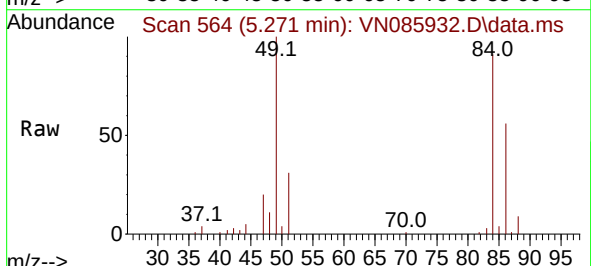
Manual Integrations
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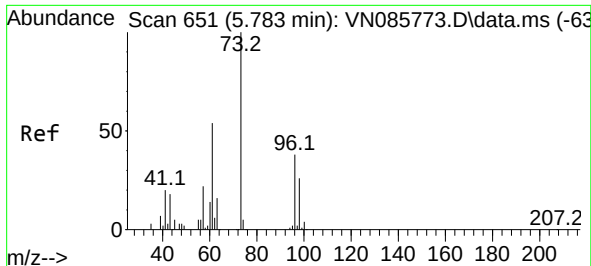
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#20
Methylene Chloride
Concen: 19.194 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

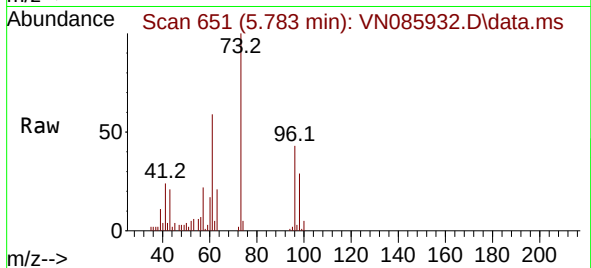
Tgt Ion: 84 Resp: 42240
Ion Ratio Lower Upper
84 100
49 110.2 88.4 132.6
51 34.6 26.6 40.0
86 61.4 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 17.952 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

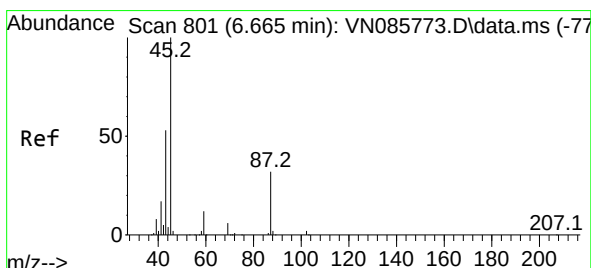
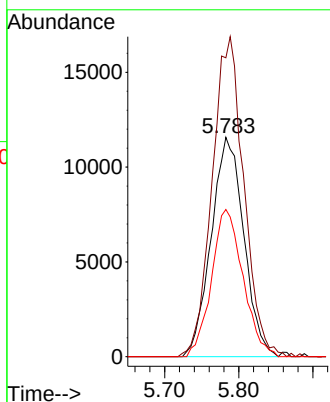
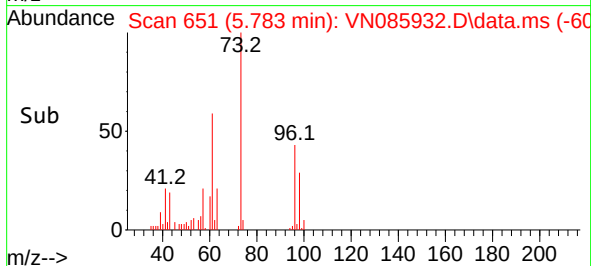
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



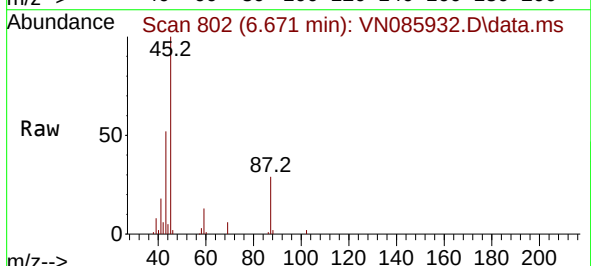
Tgt Ion: 96 Resp: 3536
Ion Ratio Lower Upper
96 100
61 136.3 112.6 168.8
98 67.1 53.3 79.9

Manual Integrations
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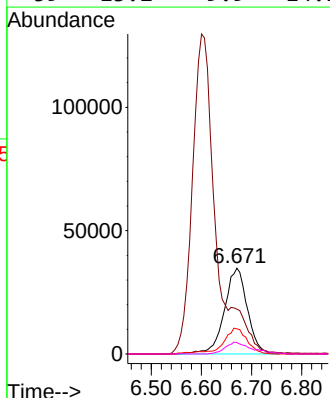
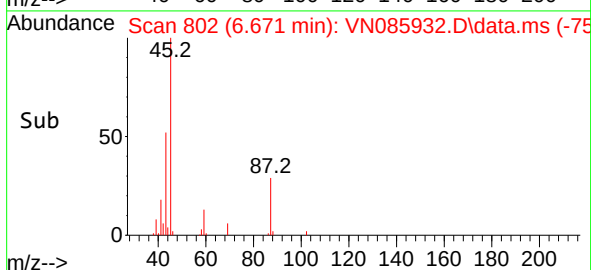
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

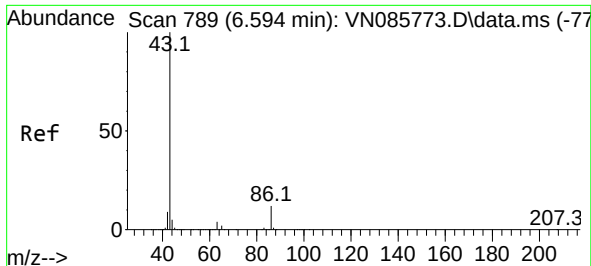


#22
Diisopropyl ether
Concen: 20.322 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28



Tgt Ion: 45 Resp: 110291
Ion Ratio Lower Upper
45 100
43 50.8 42.6 64.0
87 29.2 25.8 38.8
59 13.2 9.9 14.9





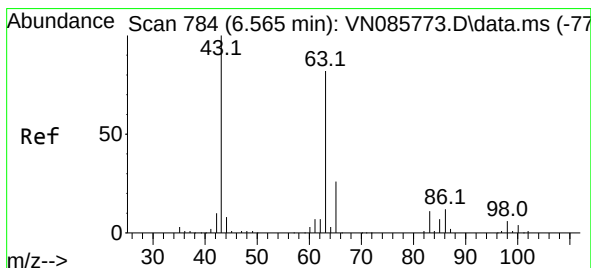
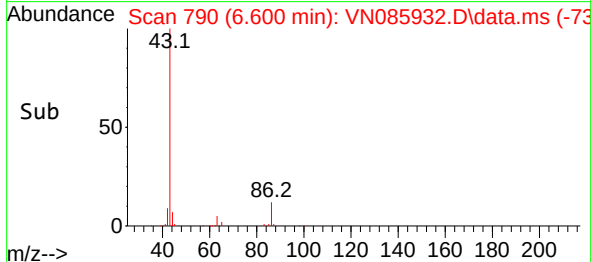
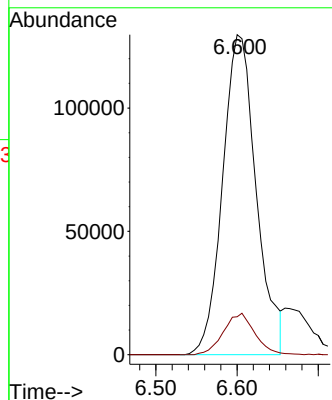
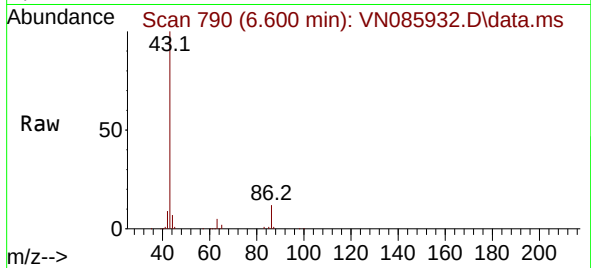
#23
 Vinyl Acetate
 Concen: 100.504 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085932.D
 Acq: 11 Mar 2025 15:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBSD01

Tgt Ion: 43 Resp: 37346
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.8 14.8

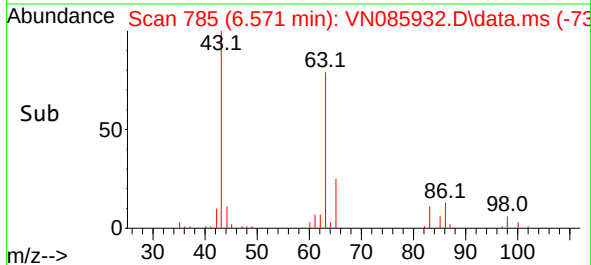
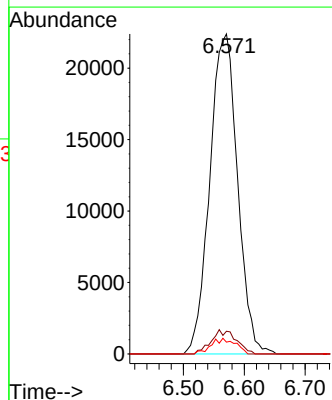
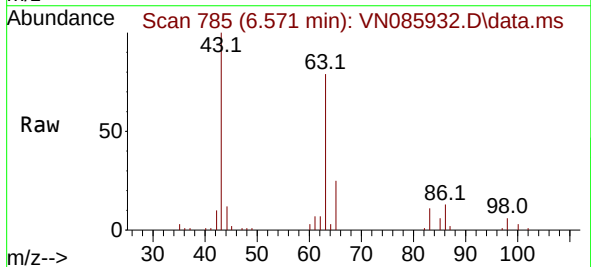
Manual Integrations
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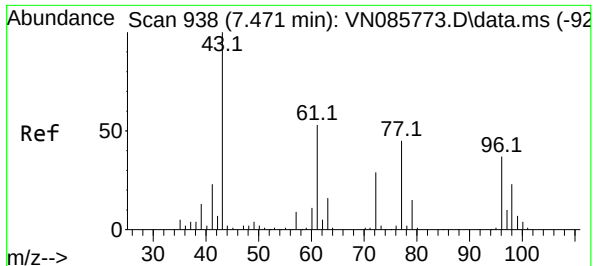
Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025



#24
 1,1-Dichloroethane
 Concen: 19.261 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN085932.D
 Acq: 11 Mar 2025 15:28

Tgt Ion: 63 Resp: 71060
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.4
 100 3.7 2.4 7.2





#25

2-Butanone

Concen: 102.220 ug/l

RT: 7.482 min Scan# 940

Delta R.T. 0.012 min

Lab File: VN085932.D

Acq: 11 Mar 2025 15:28

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBSD01

Tgt Ion: 43 Resp: 10291

Ion Ratio Lower Upper

43 100

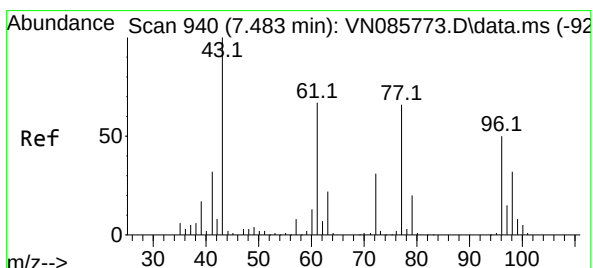
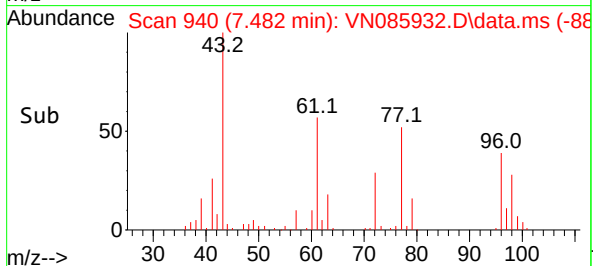
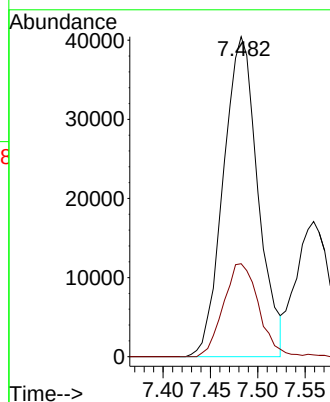
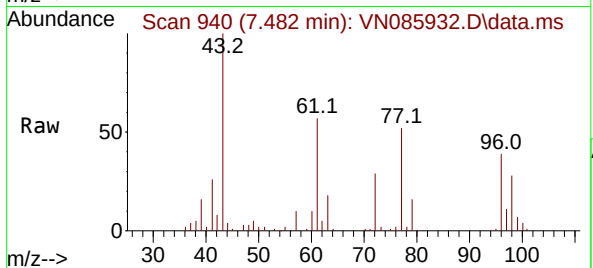
72 29.0 23.6 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#26

2,2-Dichloropropane

Concen: 18.093 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN085932.D

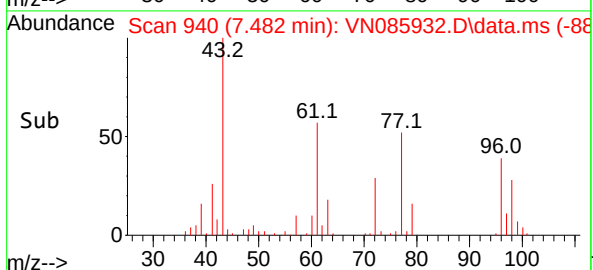
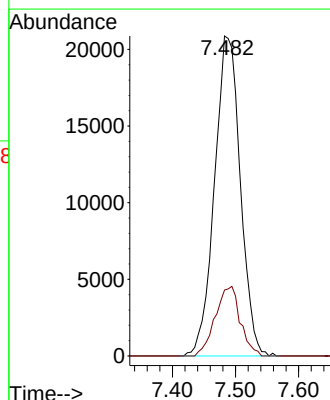
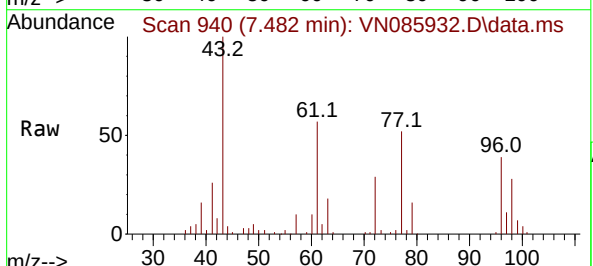
Acq: 11 Mar 2025 15:28

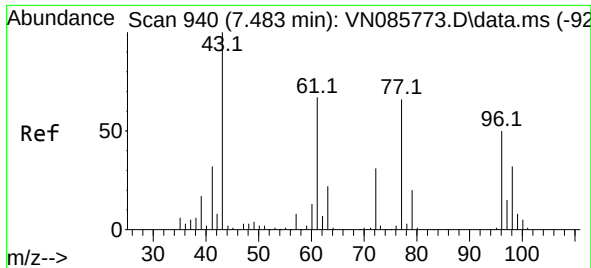
Tgt Ion: 77 Resp: 59355

Ion Ratio Lower Upper

77 100

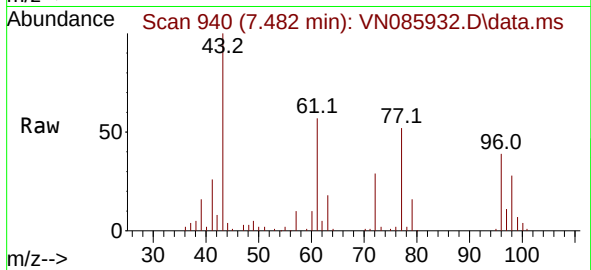
97 21.0 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 17.955 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085932.D
 Acq: 11 Mar 2025 15:28

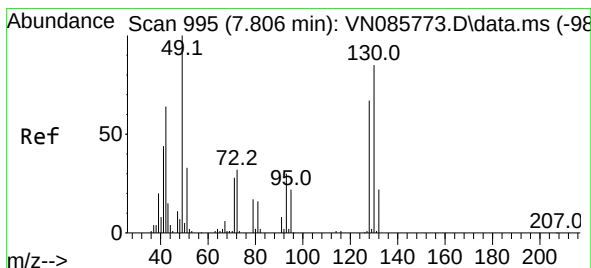
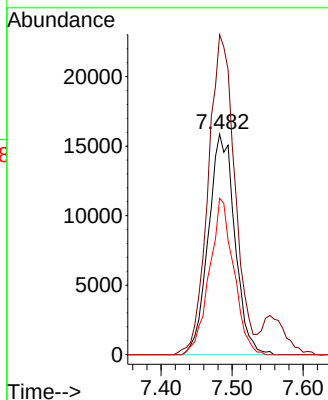
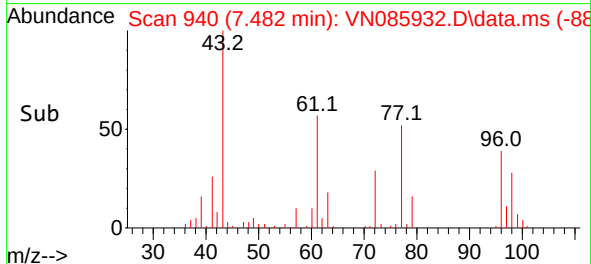
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBSD01



Tgt Ion: 96 Resp: 41008
 Ion Ratio Lower Upper
 96 100
 61 146.9 0.0 280.6
 98 65.2 0.0 128.6

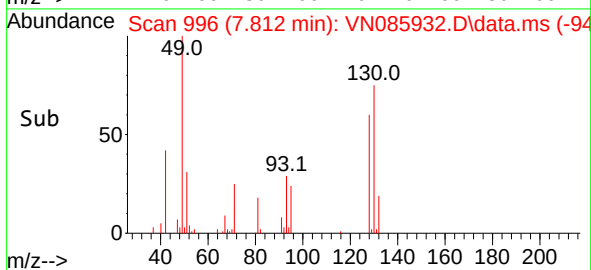
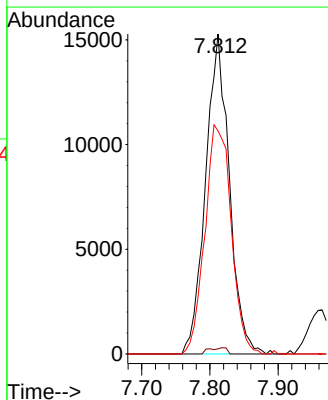
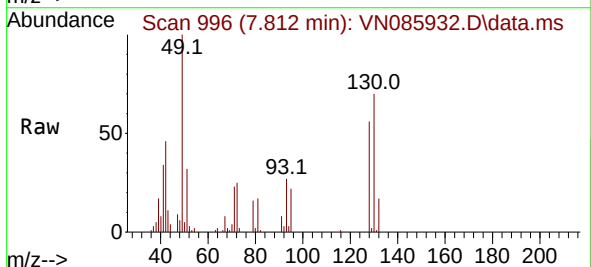
Manual Integrations
 APPROVED

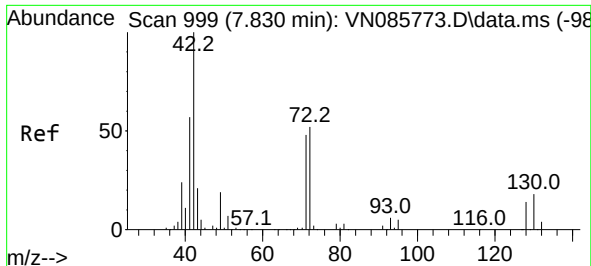
Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025



#28
 Bromochloromethane
 Concen: 24.397 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085932.D
 Acq: 11 Mar 2025 15:28

Tgt Ion: 49 Resp: 36994
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.8
 130 79.2 68.0 102.0





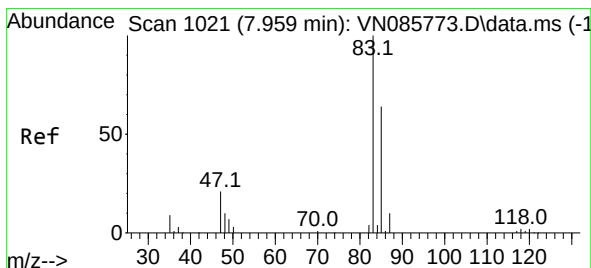
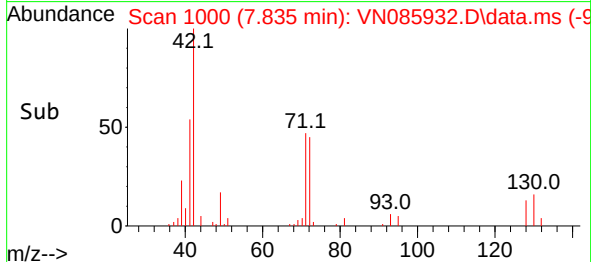
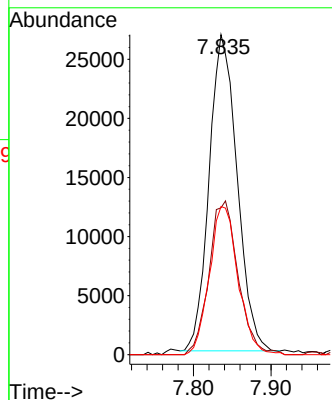
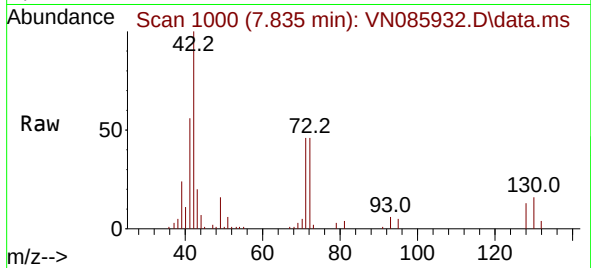
#29
Tetrahydrofuran
Concen: 103.352 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

Tgt Ion: 42 Resp: 67190
Ion Ratio Lower Upper
42 100
72 50.5 40.0 60.0
71 48.0 37.0 55.4

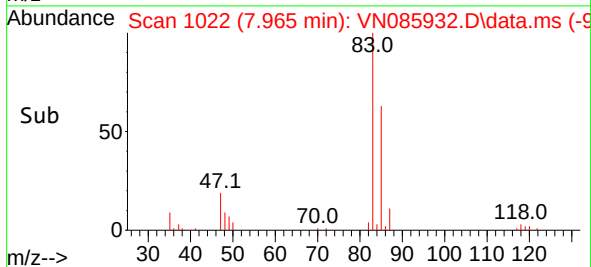
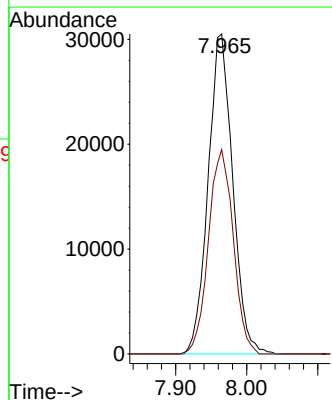
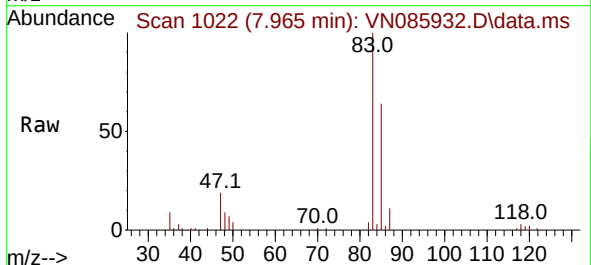
Manual Integrations
APPROVED

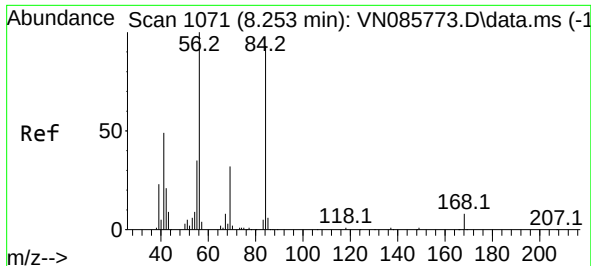
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#30
Chloroform
Concen: 19.038 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

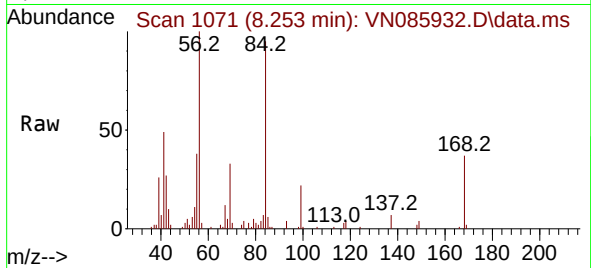
Tgt Ion: 83 Resp: 73399
Ion Ratio Lower Upper
83 100
85 63.9 50.9 76.3





#31
Cyclohexane
Concen: 19.019 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

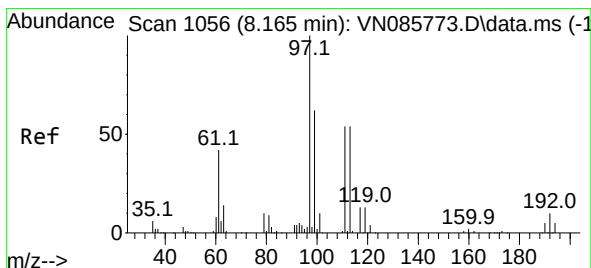
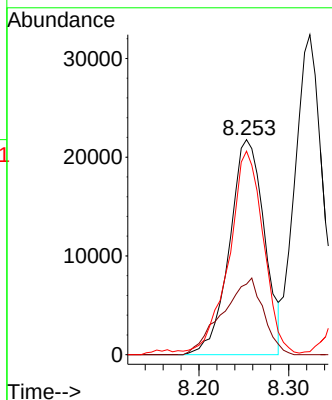
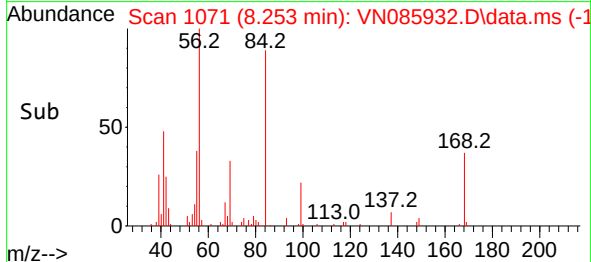
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



Tgt Ion: 56 Resp: 58750
Ion Ratio Lower Upper
56 100
69 32.8 25.8 38.6
84 92.8 74.5 111.7

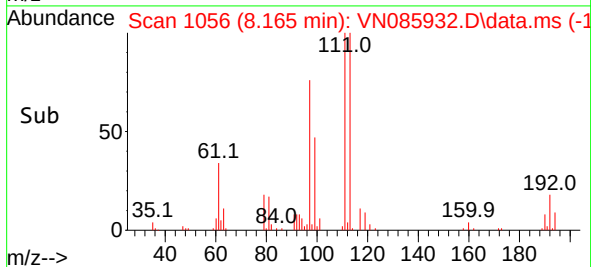
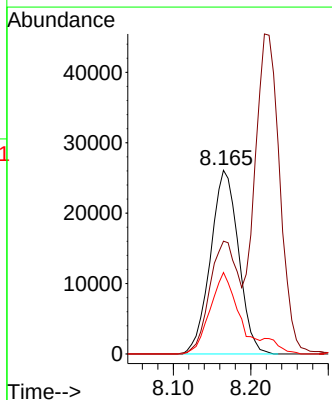
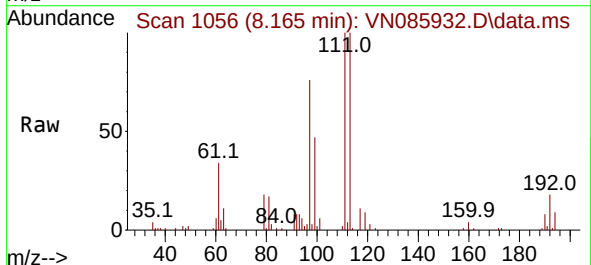
Manual Integrations
APPROVED

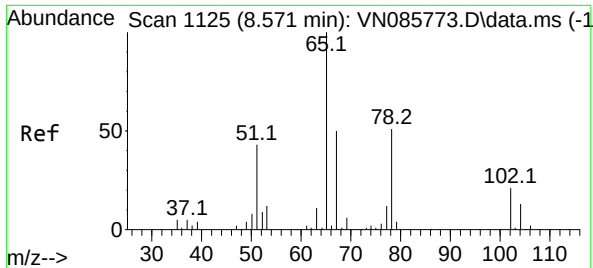
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#32
1,1,1-Trichloroethane
Concen: 19.074 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion: 97 Resp: 65410
Ion Ratio Lower Upper
97 100
99 62.0 50.4 75.6
61 45.1 35.5 53.3





#33
1,2-Dichloroethane-d4
Concen: 47.591 ug/l
RT: 8.576 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Instrument :

MSVOA_N

ClientSampleId :

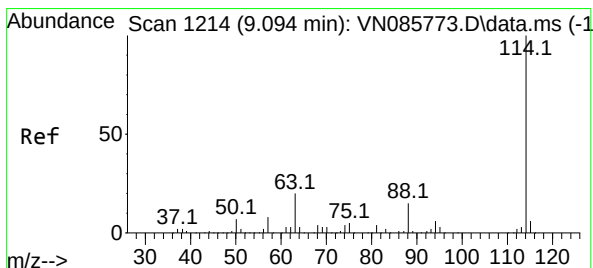
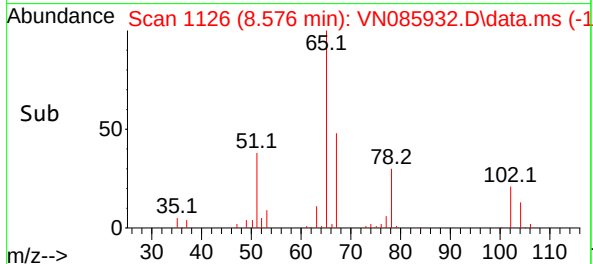
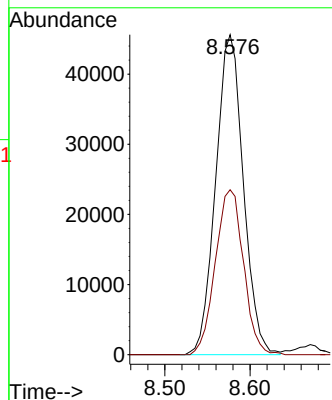
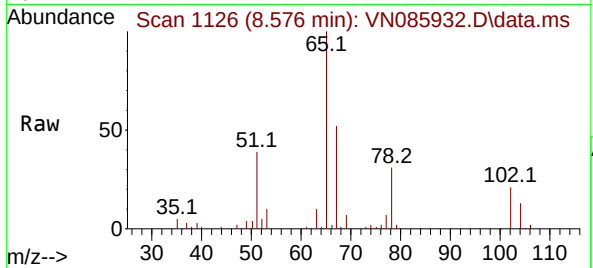
VN0311WBSD01

Tgt Ion: 65 Resp: 102925
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.2

Manual Integrations

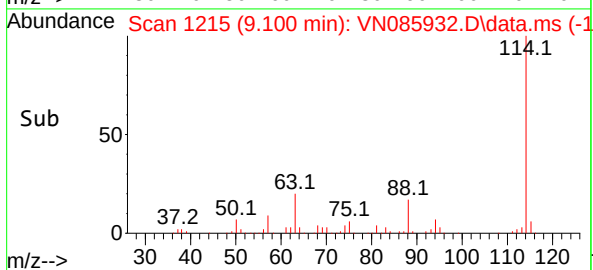
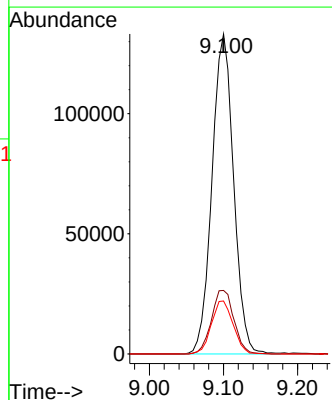
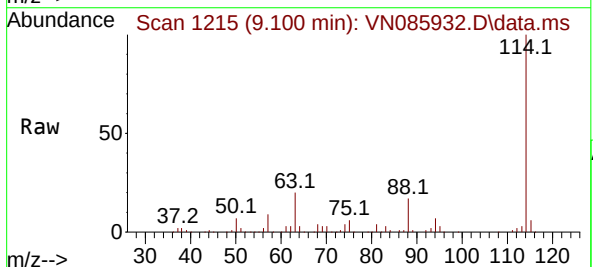
APPROVED

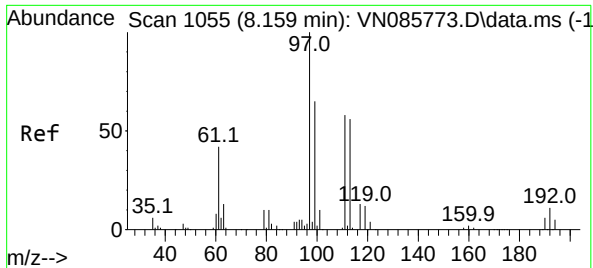
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

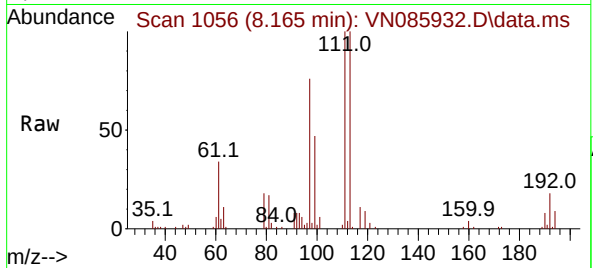
Tgt Ion:114 Resp: 269902
Ion Ratio Lower Upper
114 100
63 19.9 0.0 39.2
88 16.6 0.0 30.0





#35
Dibromofluoromethane
Concen: 47.628 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

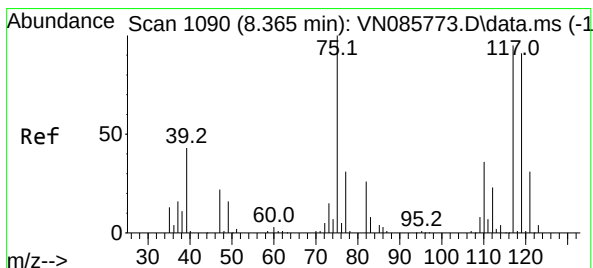
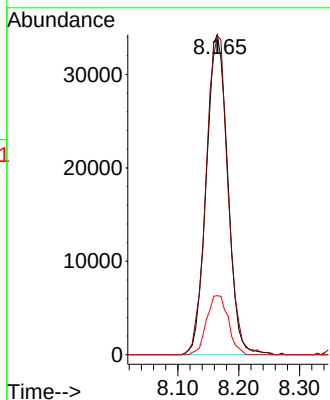
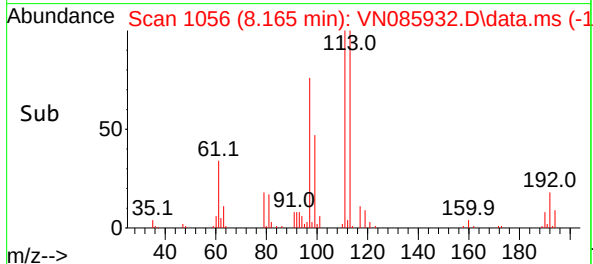
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



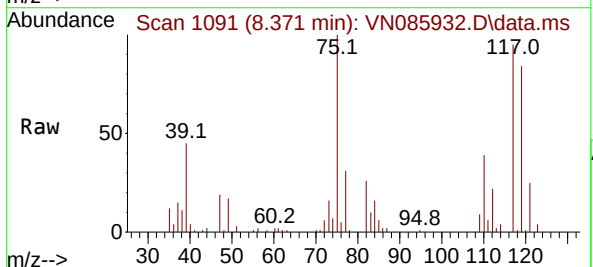
Tgt Ion: 113 Resp: 8411
Ion Ratio Lower Upper
113 100
111 101.1 82.2 123.4
192 18.5 14.7 22.1

Manual Integrations
APPROVED

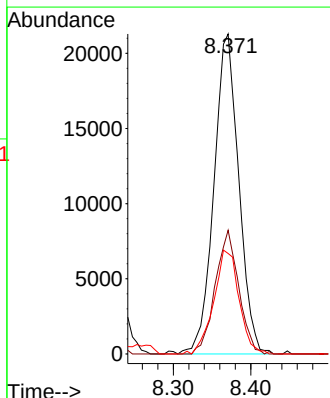
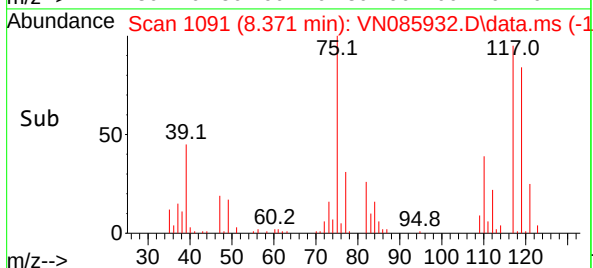
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

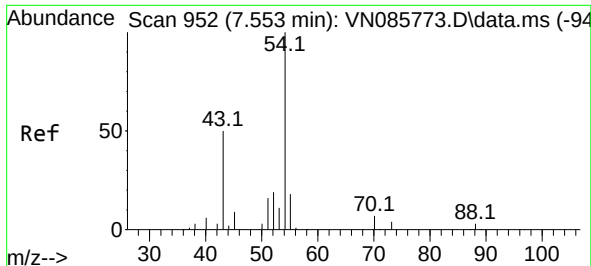


#36
1,1-Dichloropropene
Concen: 18.974 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28



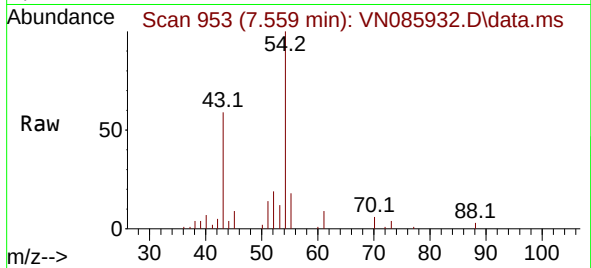
Tgt Ion: 75 Resp: 47425
Ion Ratio Lower Upper
75 100
110 36.6 17.3 52.0
77 33.1 24.6 37.0





#37
Ethyl Acetate
Concen: 22.612 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

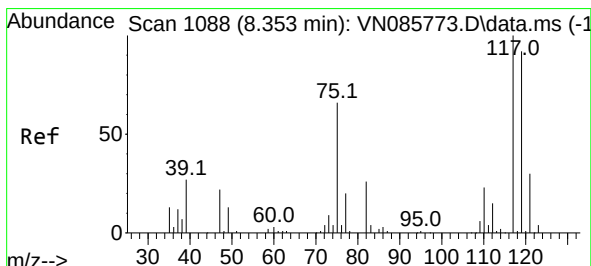
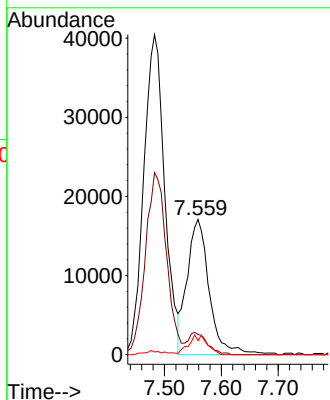
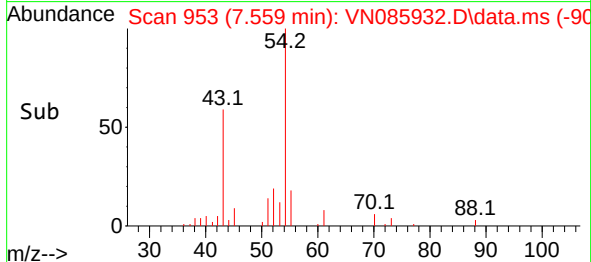
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



Tgt Ion: 43 Resp: 46512
Ion Ratio Lower Upper
43 100
61 13.7 12.2 18.2
70 12.0 9.5 14.3

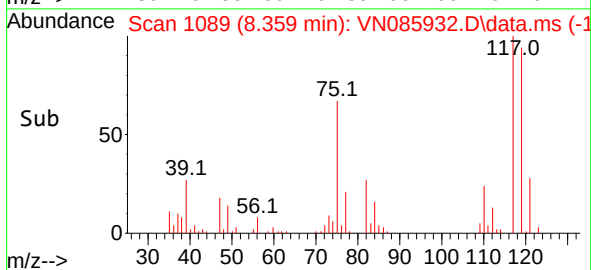
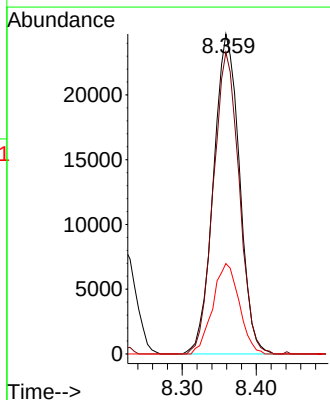
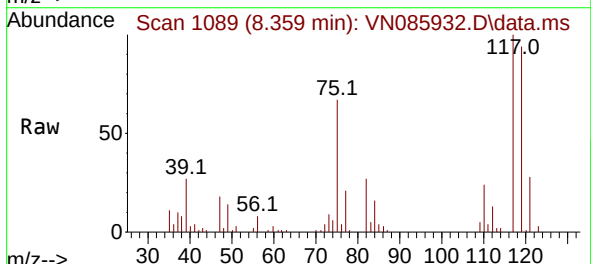
Manual Integrations
APPROVED

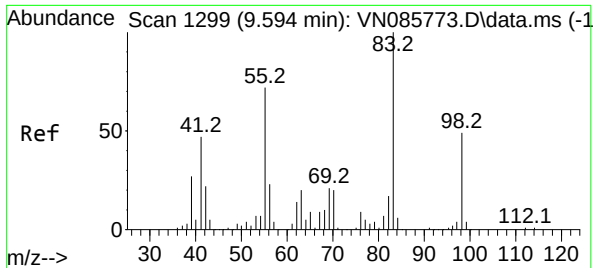
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#38
Carbon Tetrachloride
Concen: 20.235 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

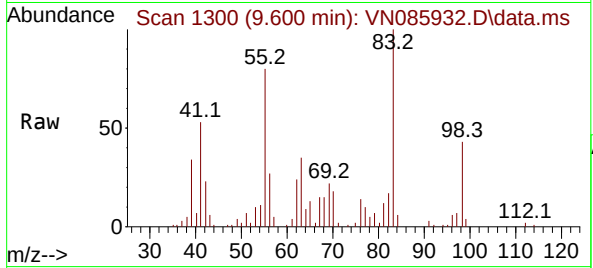
Tgt Ion:117 Resp: 60097
Ion Ratio Lower Upper
117 100
119 94.3 73.8 110.6
121 28.2 24.3 36.5





#39
Methylcyclohexane
Concen: 18.176 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

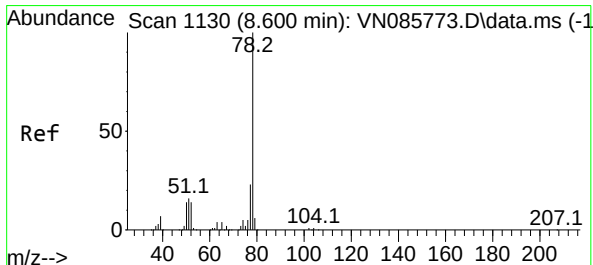
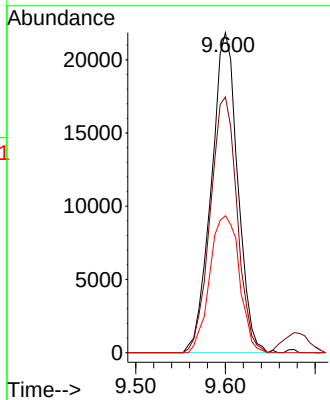
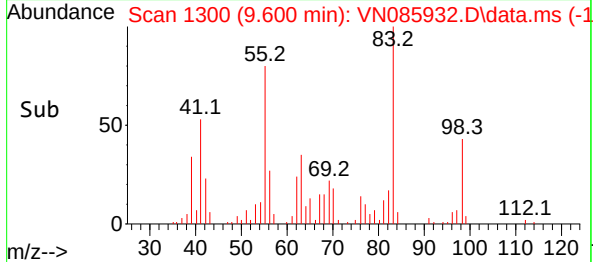
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



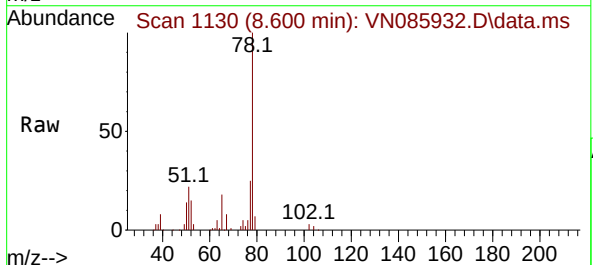
Tgt Ion: 83 Resp: 44632
Ion Ratio Lower Upper
83 100
55 79.9 57.5 86.3
98 42.8 39.2 58.8

Manual Integrations
APPROVED

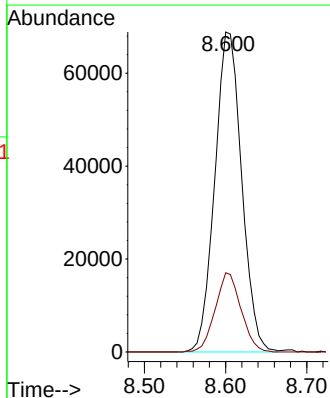
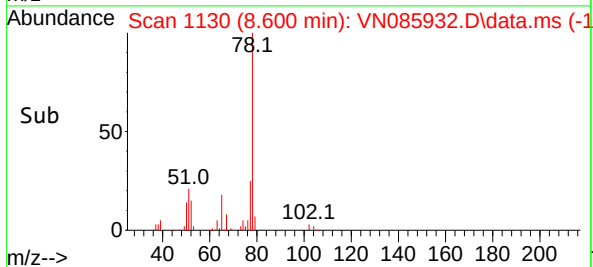
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

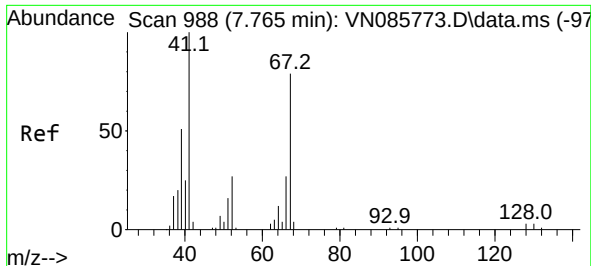


#40
Benzene
Concen: 19.751 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28



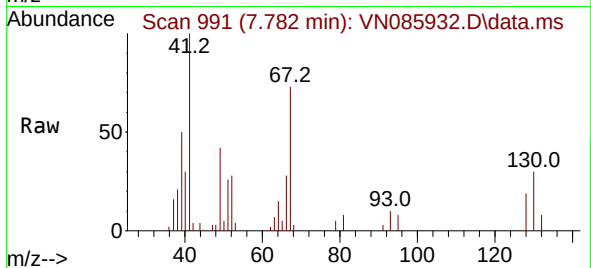
Tgt Ion: 78 Resp: 158231
Ion Ratio Lower Upper
78 100
77 24.8 18.3 27.5





#41
Methacrylonitrile
Concen: 21.816 ug/l
RT: 7.782 min Scan# 91
Delta R.T. 0.017 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

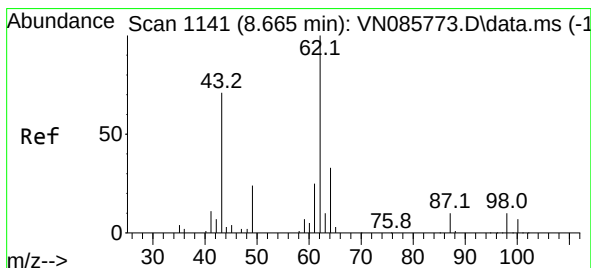
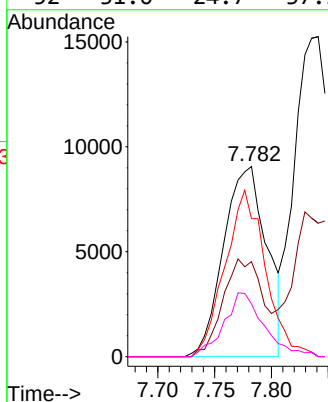
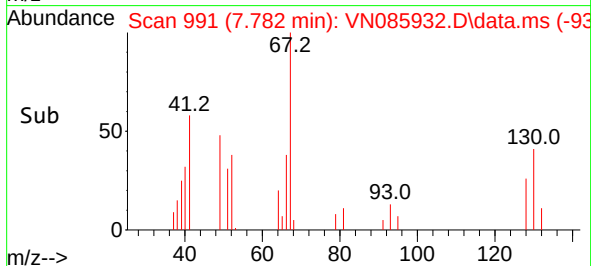
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



Tgt Ion: 41 Resp: 23989
Ion Ratio Lower Upper
41 100
39 47.3 42.0 63.0
67 81.8 64.2 96.4
52 31.0 24.7 37.1

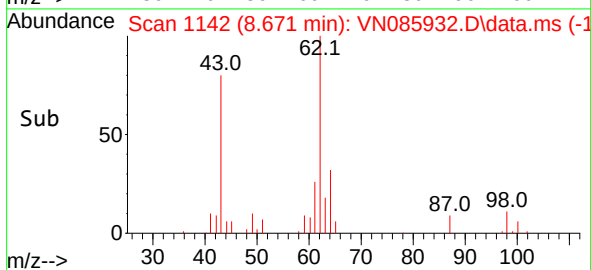
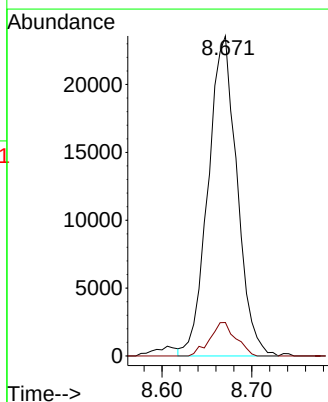
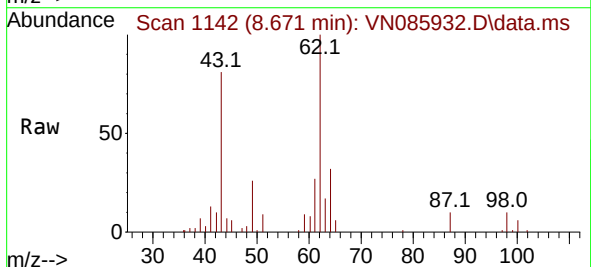
Manual Integrations
APPROVED

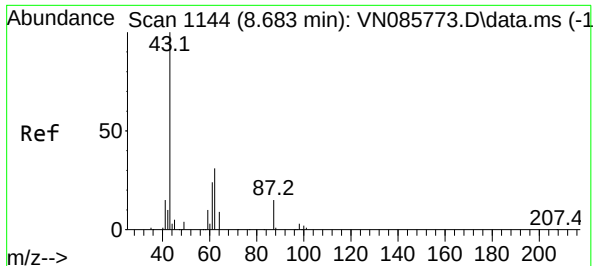
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#42
1,2-Dichloroethane
Concen: 20.191 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

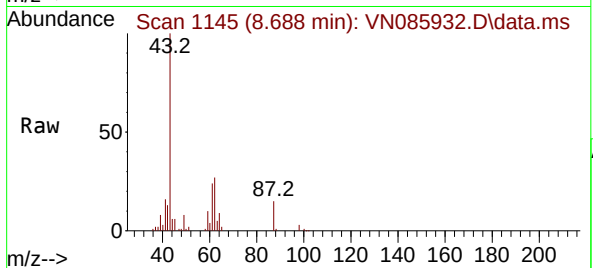
Tgt Ion: 62 Resp: 52687
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.6





#43
Isopropyl Acetate
Concen: 19.978 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

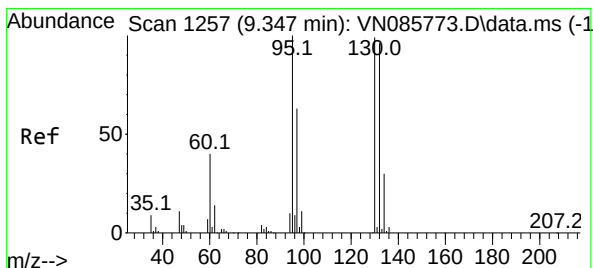
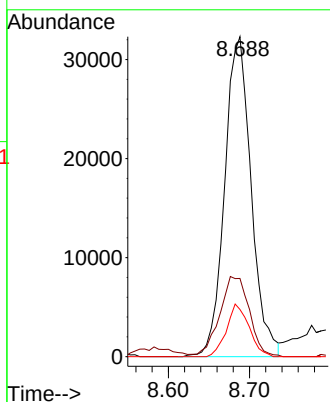
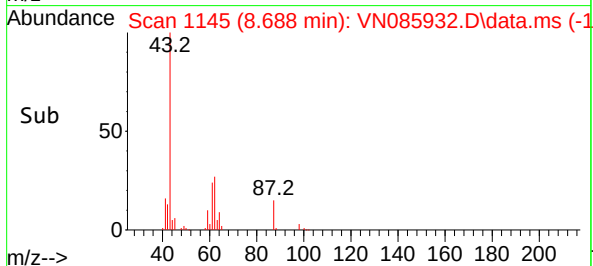
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



Tgt Ion: 43 Resp: 7330
Ion Ratio Lower Upper
43 100
61 28.2 22.6 34.0
87 14.0 11.8 17.8

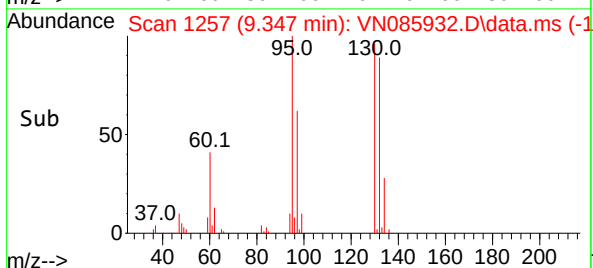
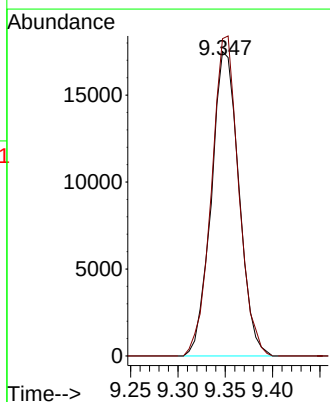
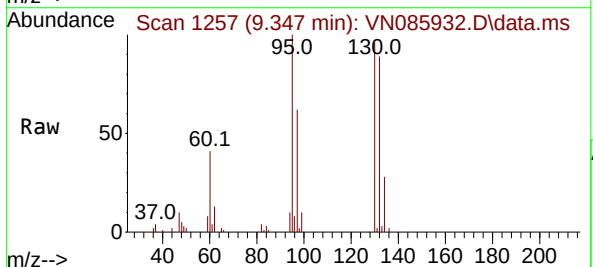
Manual Integrations
APPROVED

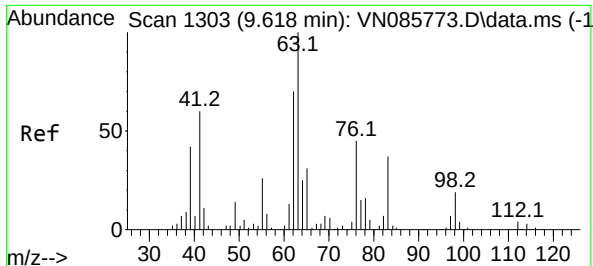
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#44
Trichloroethene
Concen: 18.035 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion:130 Resp: 35475
Ion Ratio Lower Upper
130 100
95 104.3 0.0 202.6





#45

1,2-Dichloropropane

Concen: 20.301 ug/l

RT: 9.612 min Scan# 1302

Delta R.T. -0.006 min

Lab File: VN085932.D

Acq: 11 Mar 2025 15:28

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBSD01

Tgt Ion: 63 Resp: 39250

Ion Ratio Lower Upper

63 100

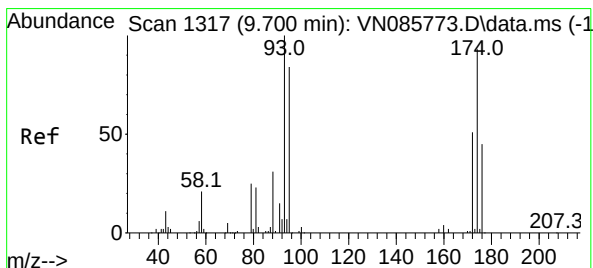
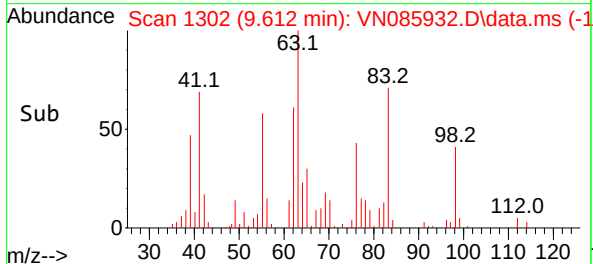
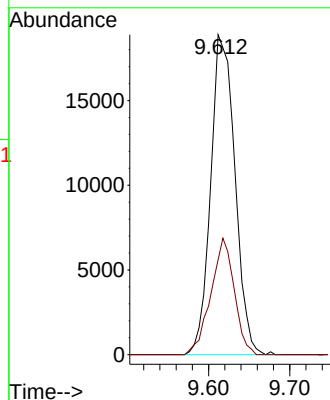
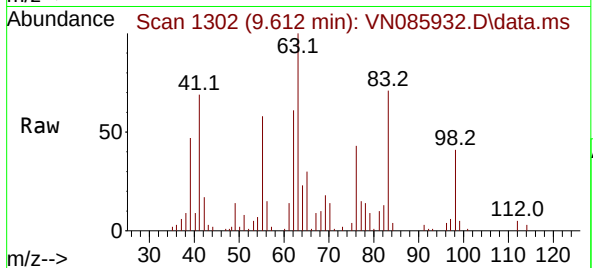
65 29.7 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#46

Dibromomethane

Concen: 20.284 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085932.D

Acq: 11 Mar 2025 15:28

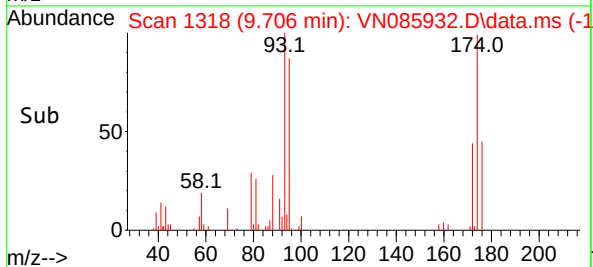
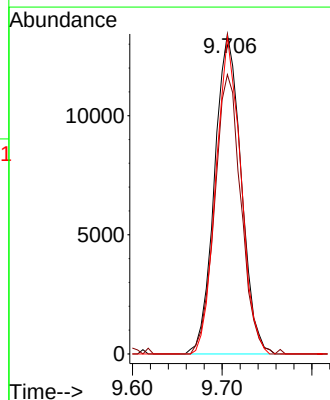
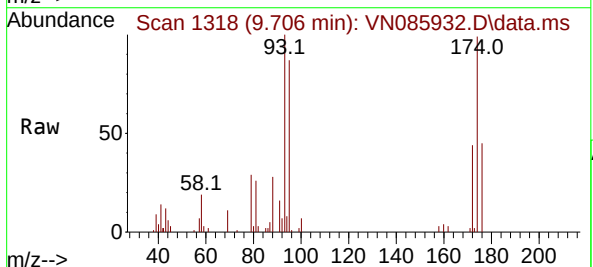
Tgt Ion: 93 Resp: 27667

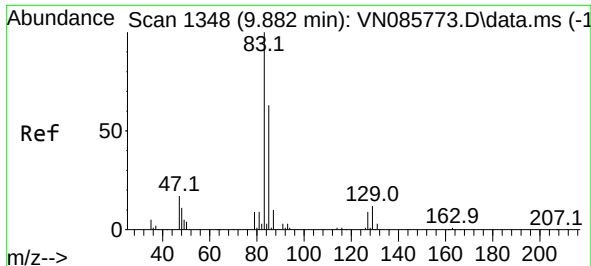
Ion Ratio Lower Upper

93 100

95 86.4 66.7 100.1

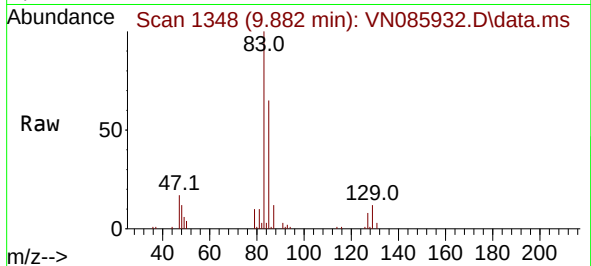
174 92.6 77.2 115.8





#47
Bromodichloromethane
Concen: 19.722 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

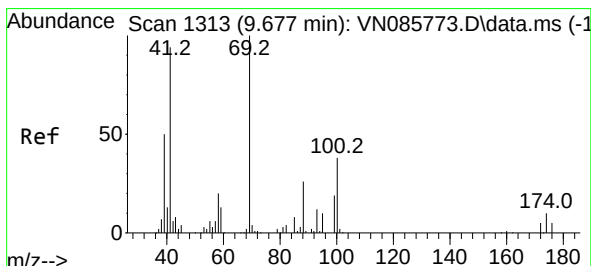
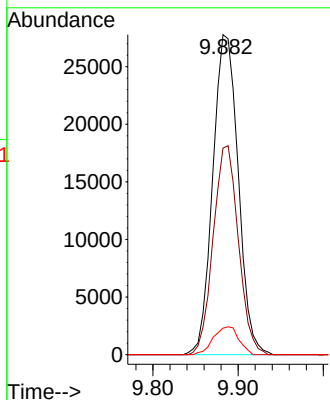
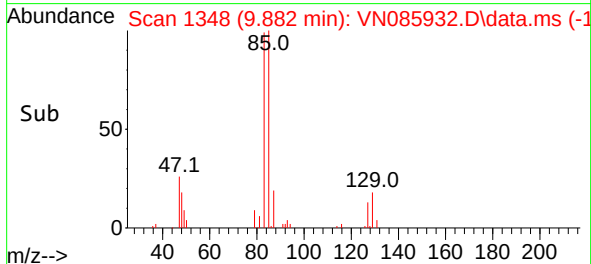
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



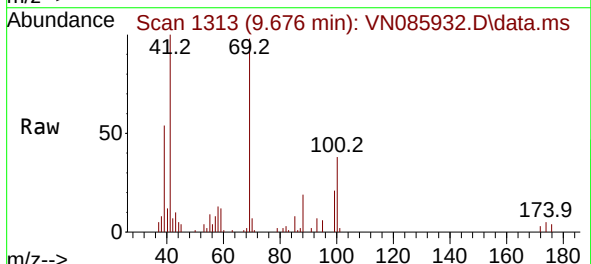
Tgt Ion: 83 Resp: 57554
Ion Ratio Lower Upper
83 100
85 64.5 50.5 75.7
127 8.3 7.2 10.8

Manual Integrations
APPROVED

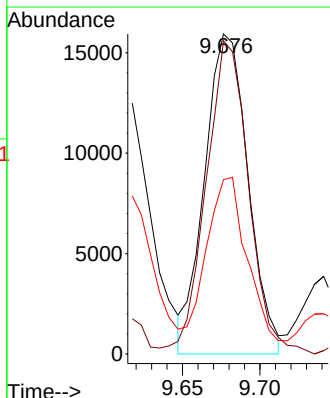
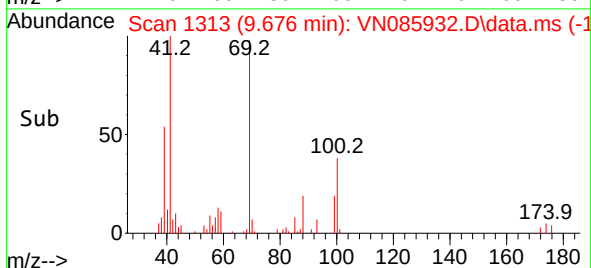
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

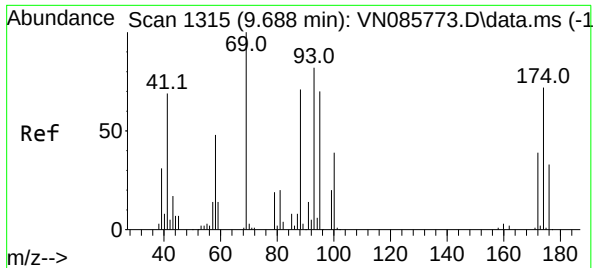


#48
Methyl methacrylate
Concen: 20.391 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28



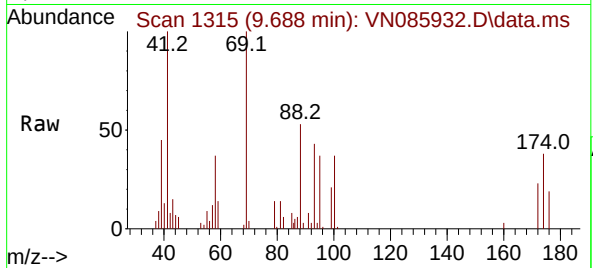
Tgt Ion: 41 Resp: 31149
Ion Ratio Lower Upper
41 100
69 95.4 76.0 114.0
39 54.9 42.3 63.5





#49
1,4-Dioxane
Concen: 446.857 ug/l
RT: 9.688 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

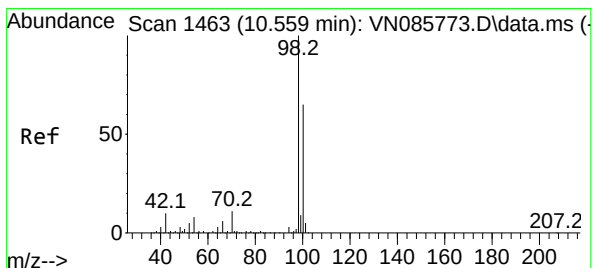
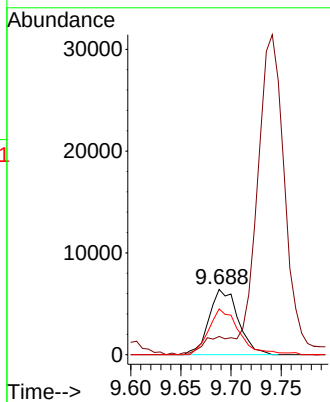
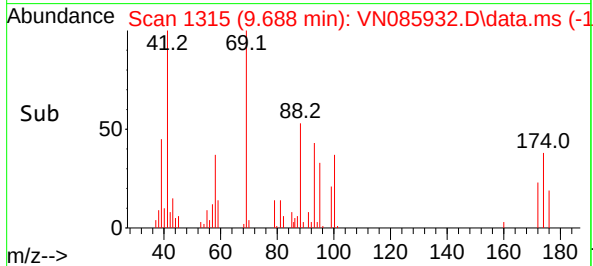
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



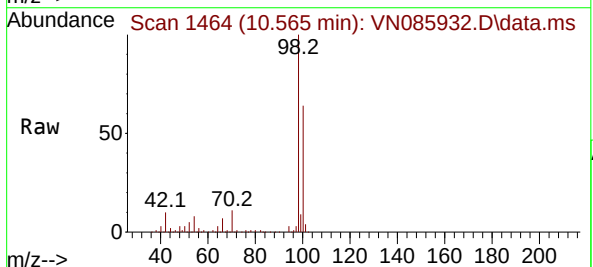
Tgt Ion: 88 Resp: 1298
Ion Ratio Lower Upper
88 100
43 22.2 18.6 27.8
58 73.6 56.7 85.1

Manual Integrations
APPROVED

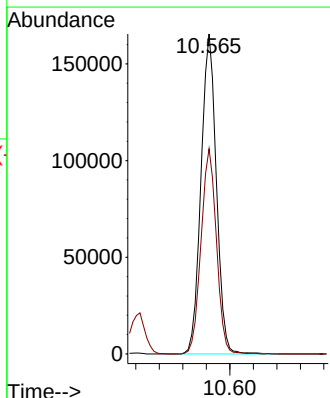
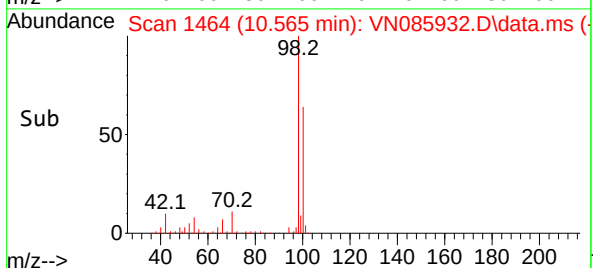
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

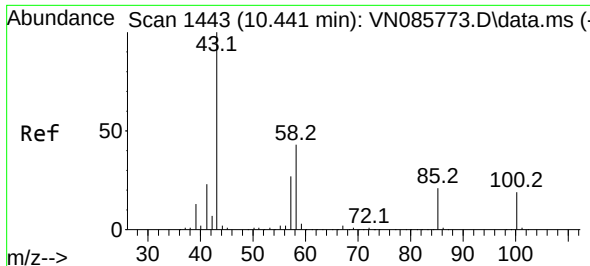


#50
Toluene-d8
Concen: 46.614 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28



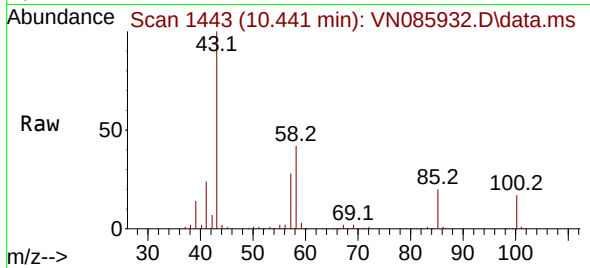
Tgt Ion: 98 Resp: 299527
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 109.892 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

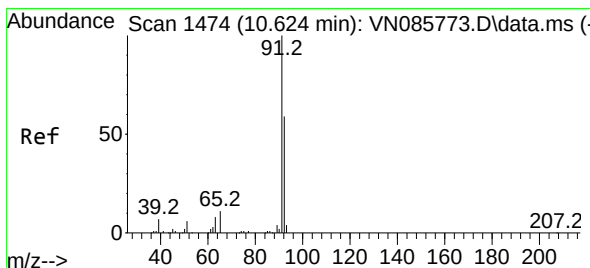
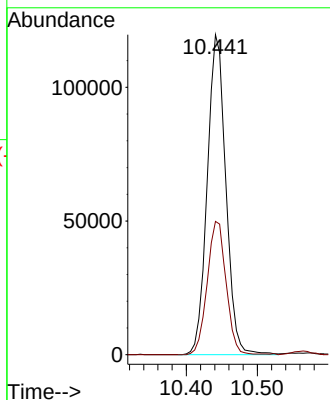
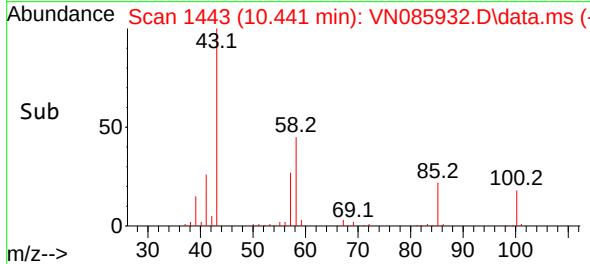
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



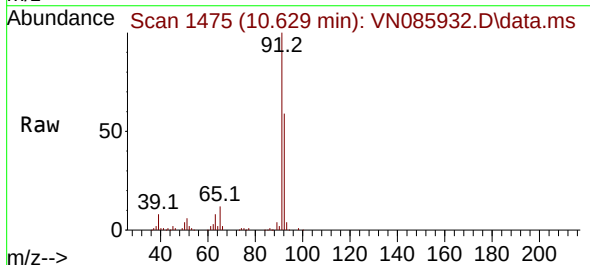
Tgt Ion: 43 Resp: 21793
Ion Ratio Lower Upper
43 100
58 42.2 34.6 52.0

Manual Integrations
APPROVED

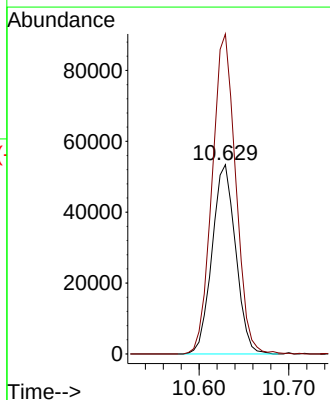
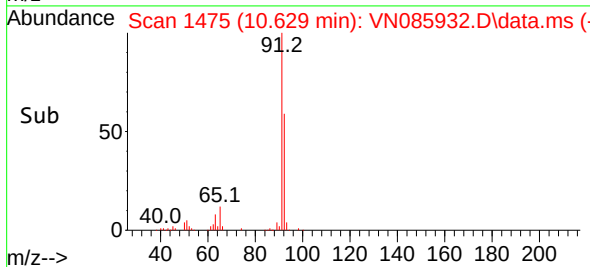
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

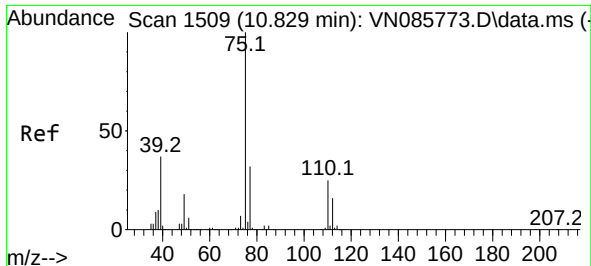


#52
Toluene
Concen: 20.732 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28



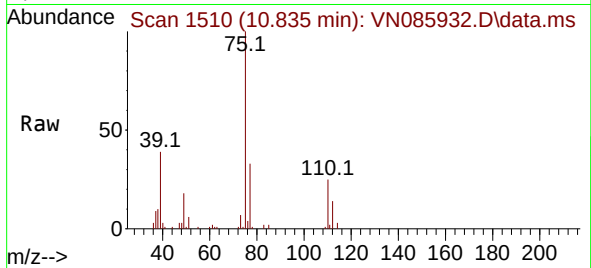
Tgt Ion: 92 Resp: 97359
Ion Ratio Lower Upper
92 100
91 169.2 136.9 205.3





#53
t-1,3-Dichloropropene
Concen: 20.077 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

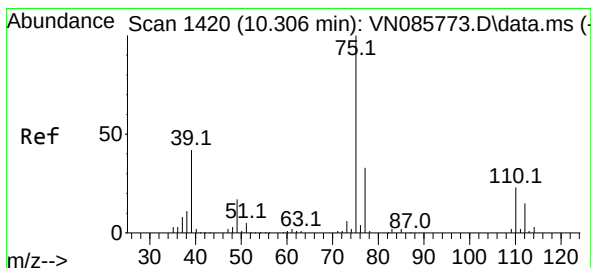
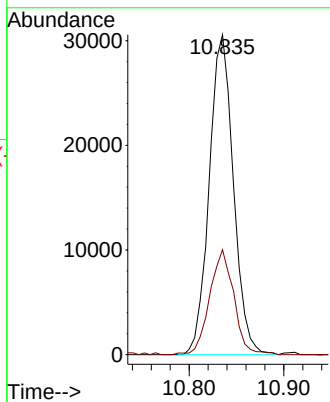
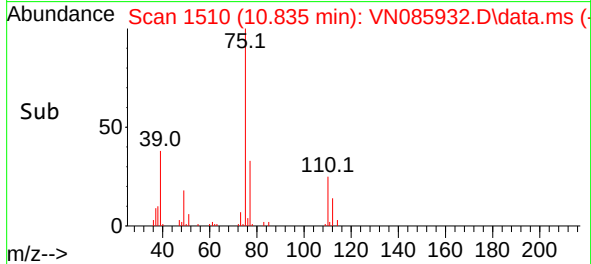
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



Tgt Ion: 75 Resp: 54170
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.0

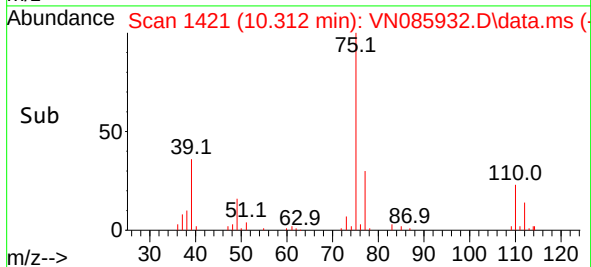
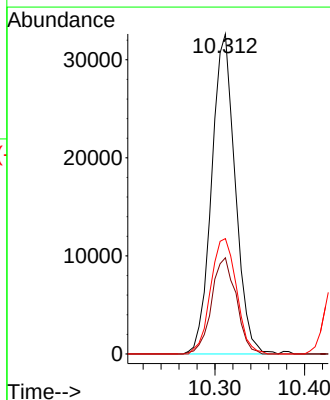
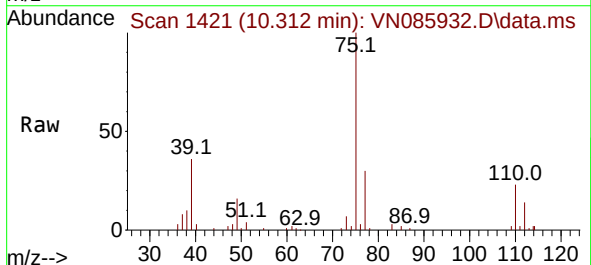
Manual Integrations
APPROVED

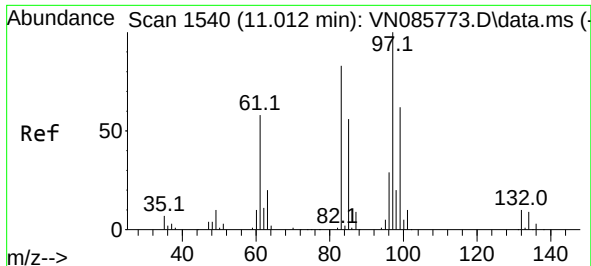
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#54
cis-1,3-Dichloropropene
Concen: 20.076 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

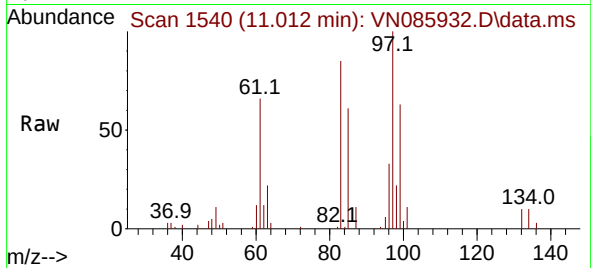
Tgt Ion: 75 Resp: 59404
Ion Ratio Lower Upper
75 100
77 30.0 26.1 39.1
39 36.0 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 19.597 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

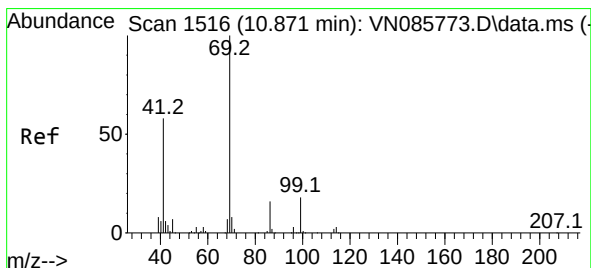
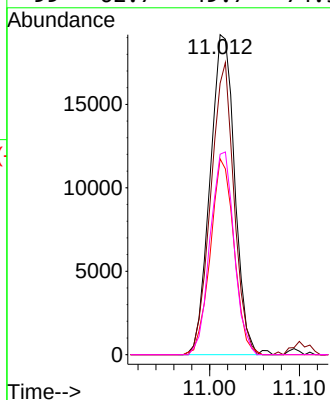
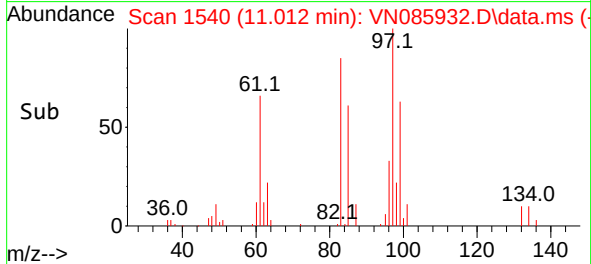
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



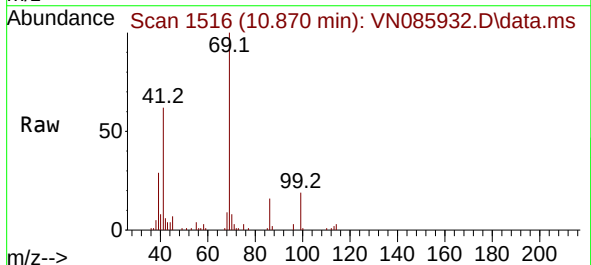
Tgt Ion:	97	Resp:	36590
Ion Ratio	100	Lower	Upper
97	100		
83	84.8	66.1	99.1
85	61.2	44.7	67.1
99	62.7	49.7	74.5

Manual Integrations
APPROVED

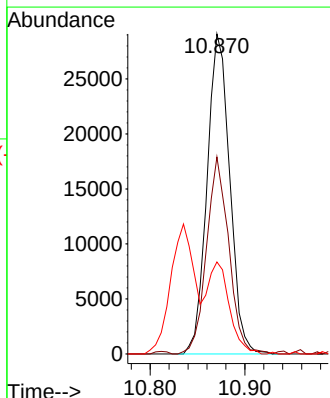
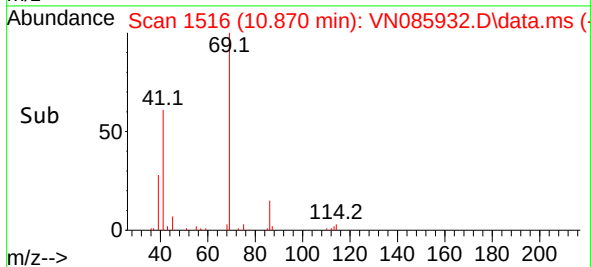
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

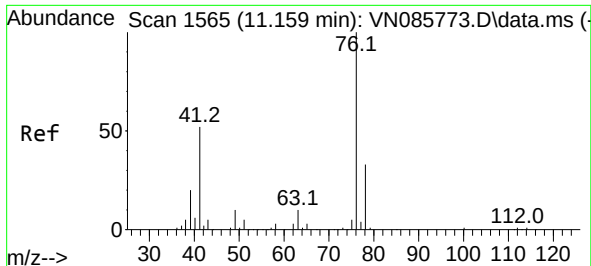


#56
Ethyl methacrylate
Concen: 19.676 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.001 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28



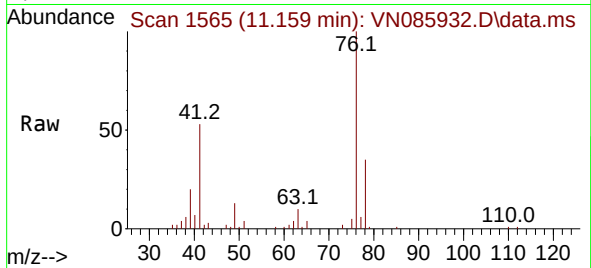
Tgt Ion:	69	Resp:	48469
Ion Ratio	100	Lower	Upper
69	100		
41	60.4	46.0	69.0
39	28.3	22.0	33.0





#57
1,3-Dichloropropane
Concen: 20.098 ug/l
RT: 11.159 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

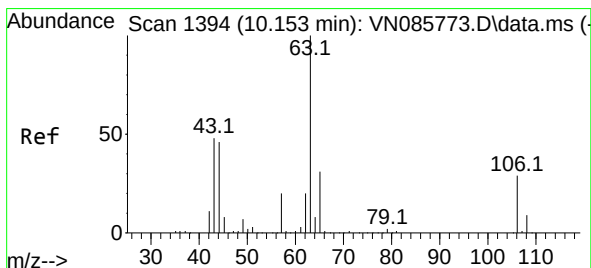
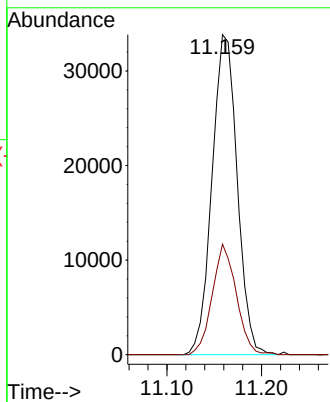
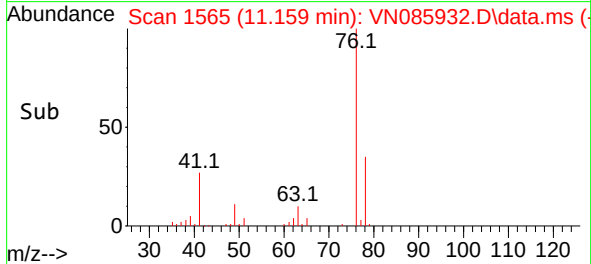
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



Tgt Ion: 76 Resp: 6264
Ion Ratio Lower Upper
76 100
78 33.0 25.9 38.9

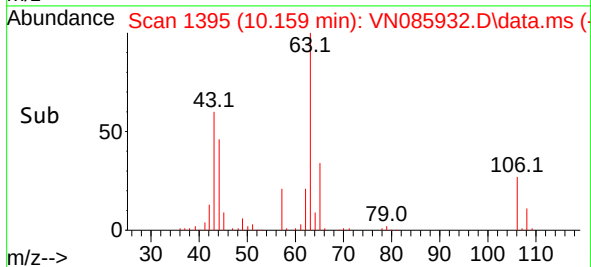
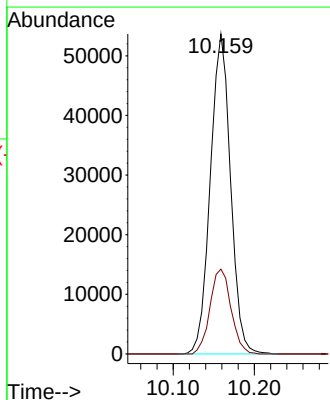
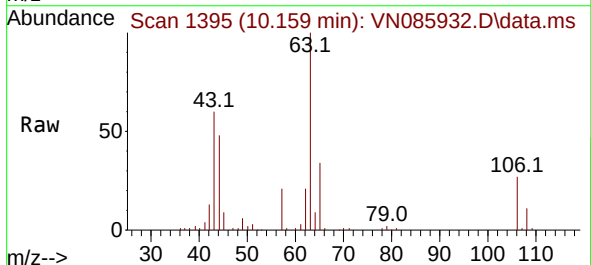
Manual Integrations
APPROVED

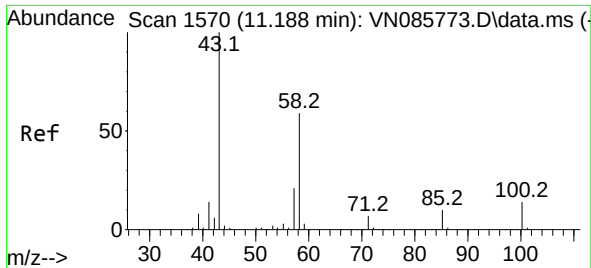
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#58
2-Chloroethyl Vinyl ether
Concen: 104.180 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion: 63 Resp: 92918
Ion Ratio Lower Upper
63 100
106 27.5 22.7 34.1





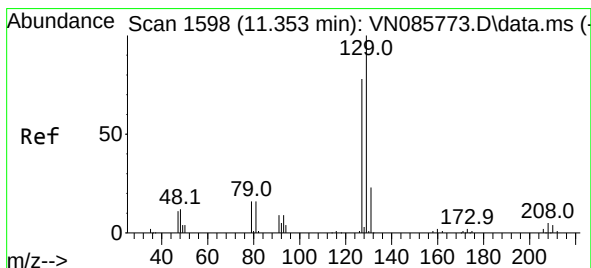
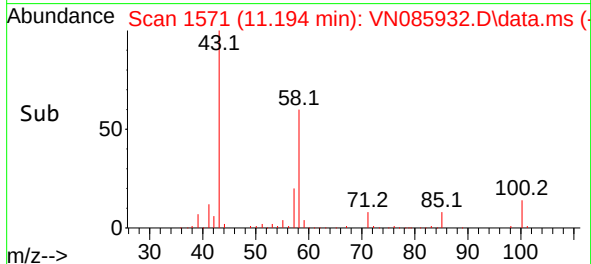
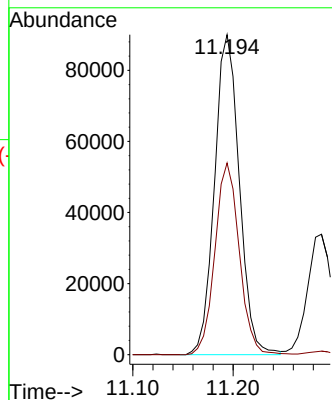
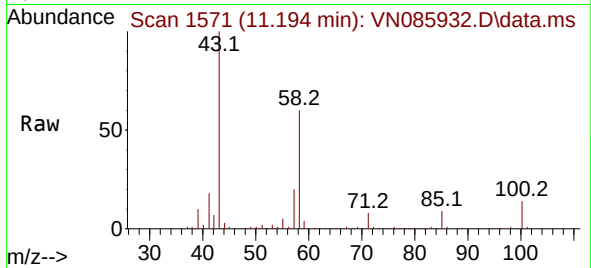
#59
2-Hexanone
Concen: 113.129 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

Tgt Ion: 43 Resp: 15434
Ion Ratio Lower Upper
43 100
58 58.8 29.8 89.5

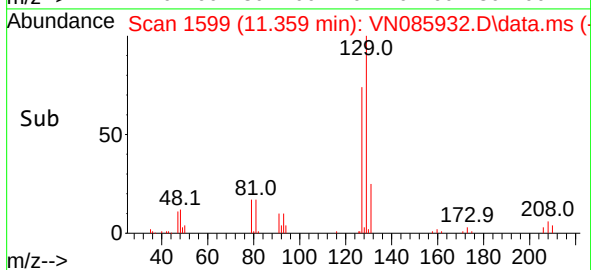
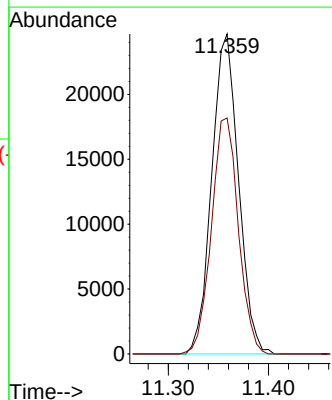
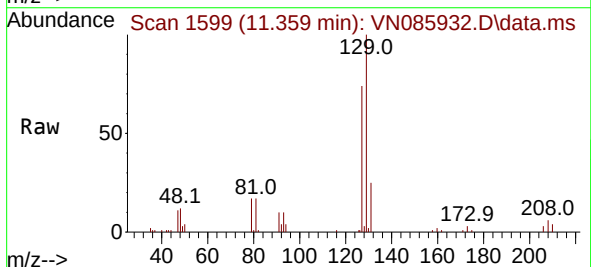
Manual Integrations
APPROVED

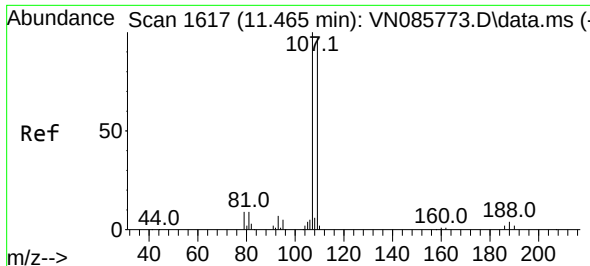
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#60
Dibromochloromethane
Concen: 20.971 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

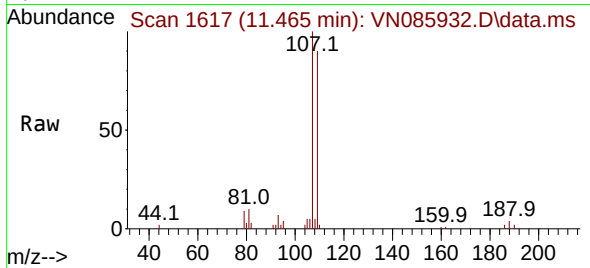
Tgt Ion:129 Resp: 45593
Ion Ratio Lower Upper
129 100
127 74.2 39.1 117.5





#61
1,2-Dibromoethane
Concen: 20.368 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

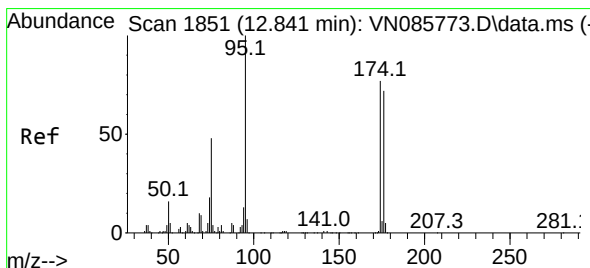
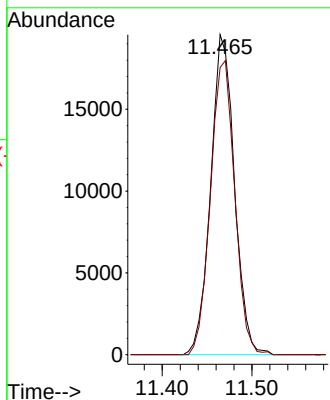
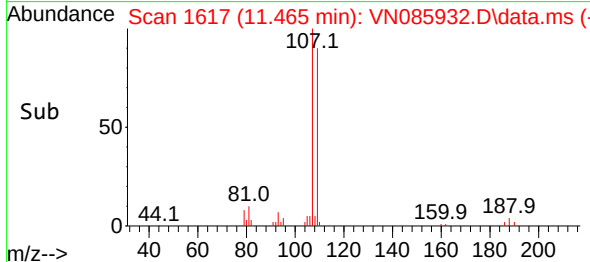
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



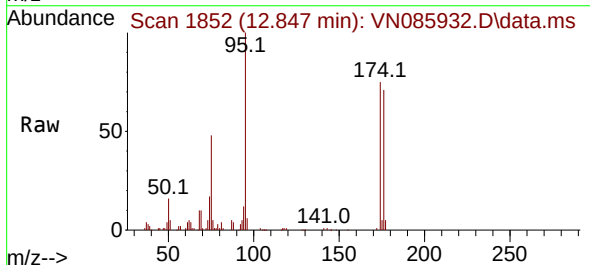
Tgt Ion:107 Resp: 35932
Ion Ratio Lower Upper
107 100
109 93.8 76.0 114.0

Manual Integrations
APPROVED

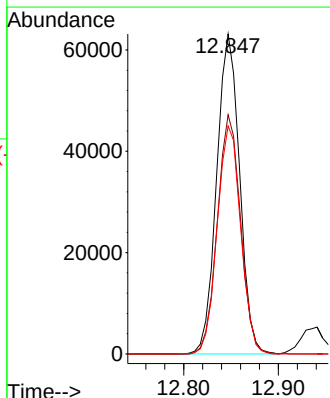
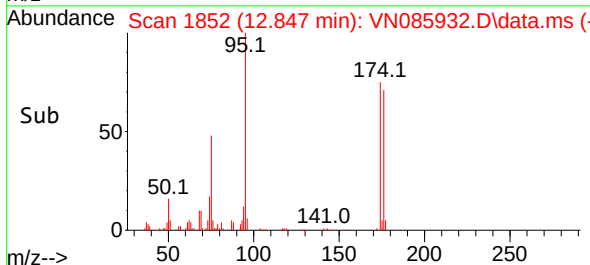
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

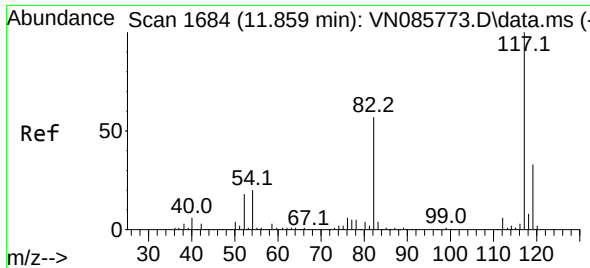


#62
4-Bromofluorobenzene
Concen: 50.218 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28



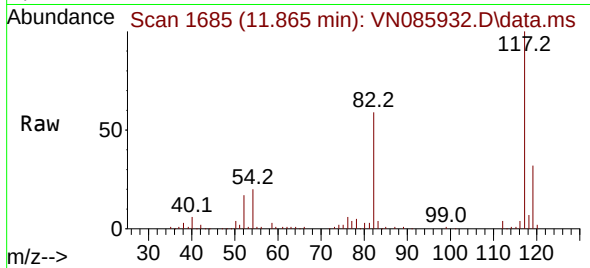
Tgt Ion: 95 Resp: 106317
Ion Ratio Lower Upper
95 100
174 75.6 0.0 152.4
176 72.7 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

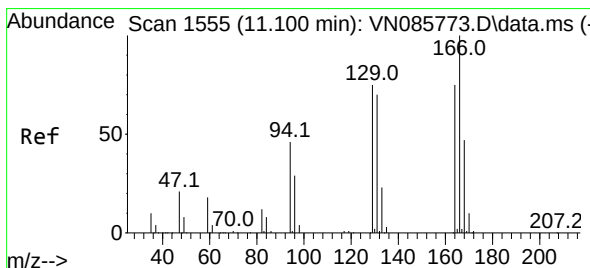
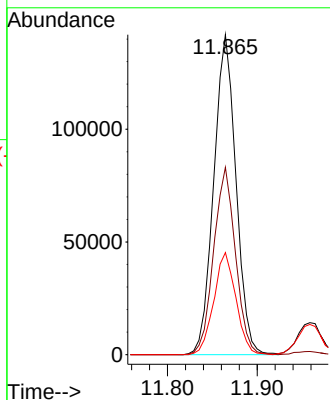
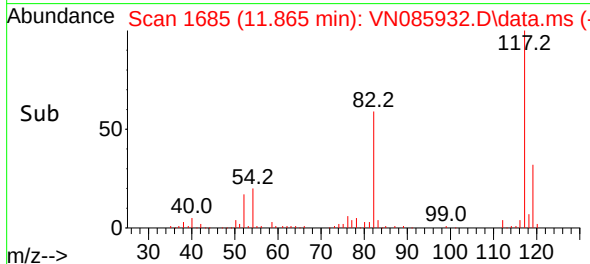
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



Tgt Ion:117 Resp: 244088
Ion Ratio Lower Upper
117 100
82 58.6 45.7 68.5
119 31.9 26.2 39.2

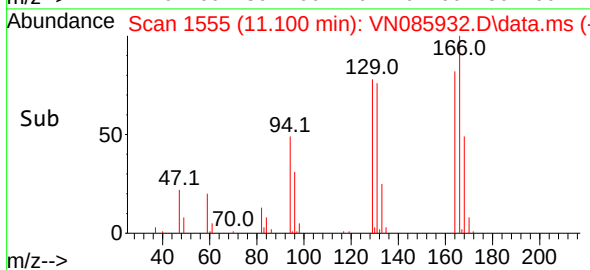
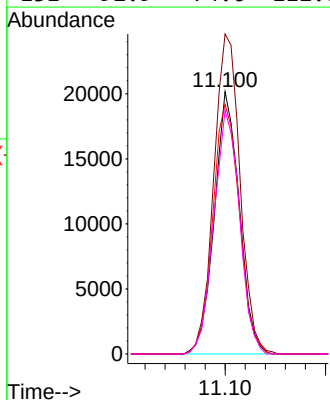
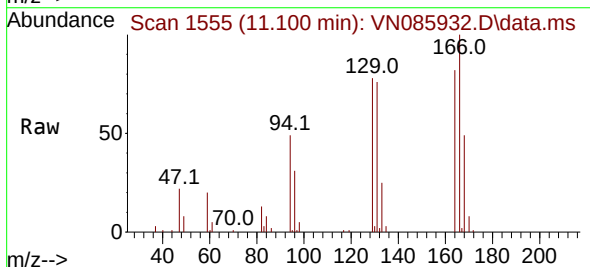
Manual Integrations
APPROVED

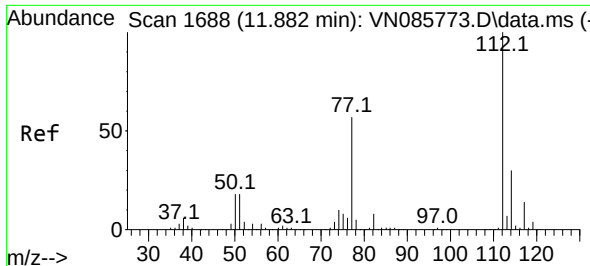
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#64
Tetrachloroethene
Concen: 18.449 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

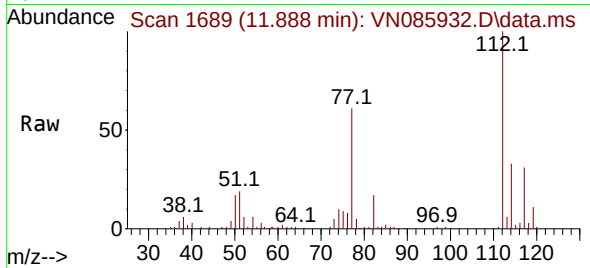
Tgt Ion:164 Resp: 34886
Ion Ratio Lower Upper
164 100
166 122.0 107.2 160.8
129 95.2 80.7 121.1
131 92.9 74.6 112.0





#65
Chlorobenzene
Concen: 18.318 ug/l
RT: 11.888 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

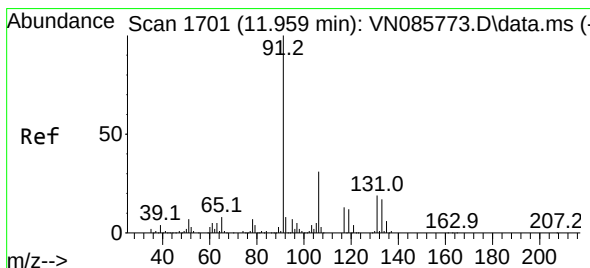
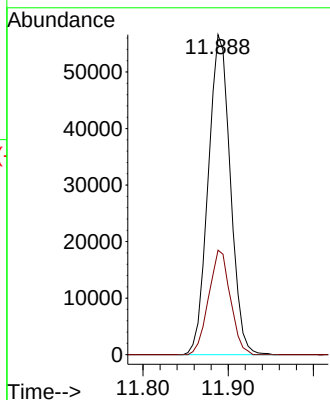
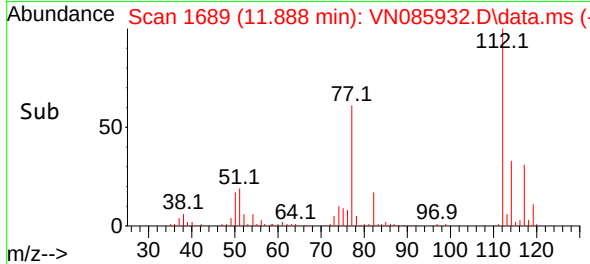
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



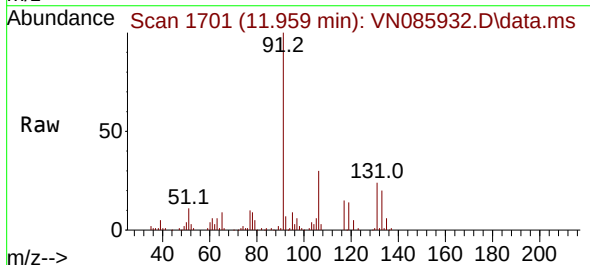
Tgt Ion:112 Resp: 102428
Ion Ratio Lower Upper
112 100
114 32.7 24.3 36.5

Manual Integrations
APPROVED

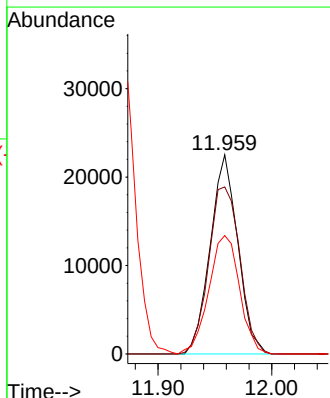
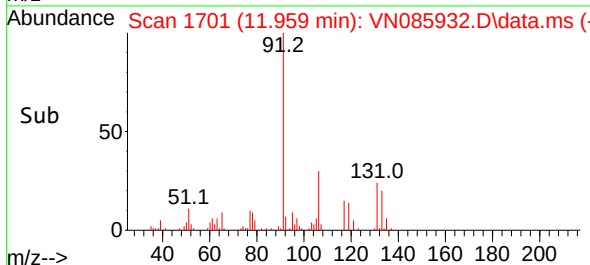
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

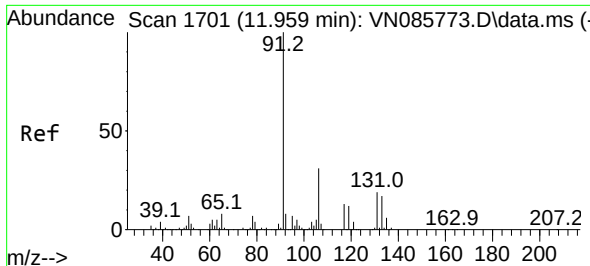


#66
1,1,1,2-Tetrachloroethane
Concen: 18.897 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28



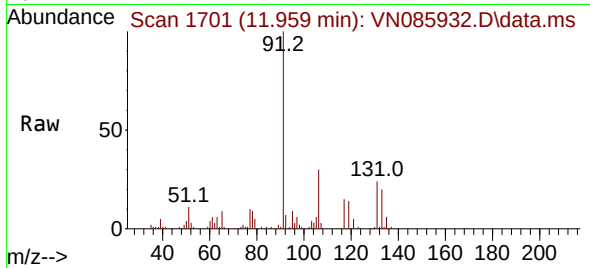
Tgt Ion:131 Resp: 37980
Ion Ratio Lower Upper
131 100
133 95.3 47.7 143.1
119 66.4 33.3 99.8





#67
Ethyl Benzene
Concen: 18.725 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

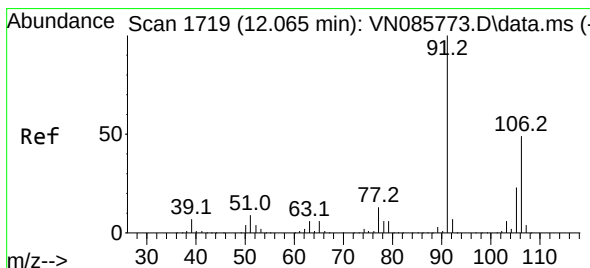
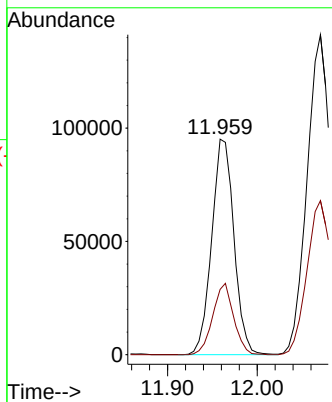
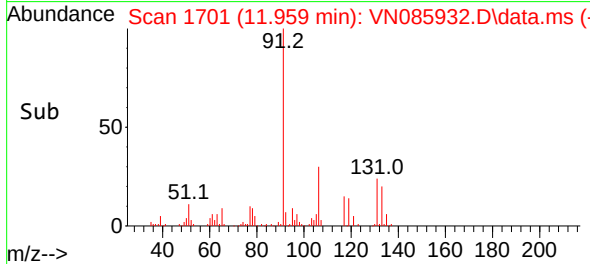
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



Tgt Ion: 91 Resp: 16401
Ion Ratio Lower Upper
91 100
106 30.3 24.7 37.1

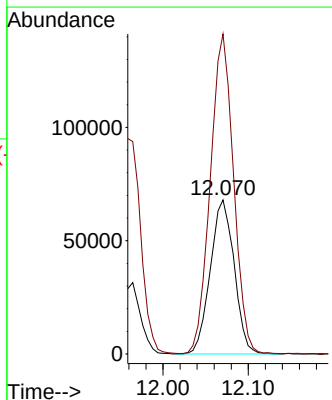
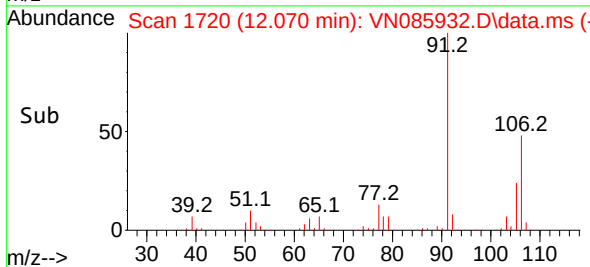
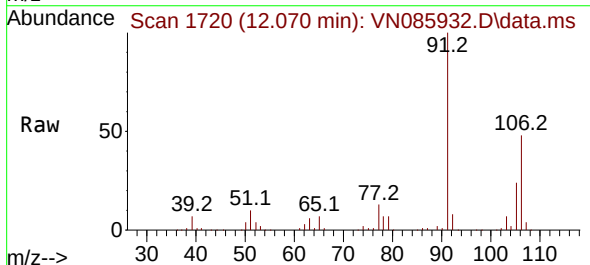
Manual Integrations
APPROVED

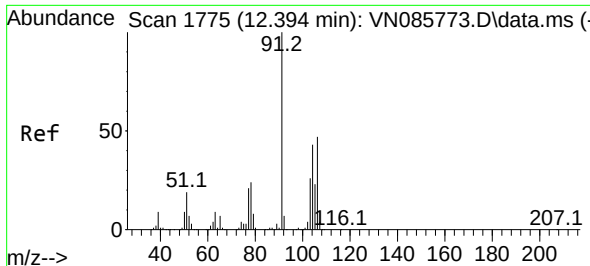
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#68
m/p-Xylenes
Concen: 39.747 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.005 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion:106 Resp: 132245
Ion Ratio Lower Upper
106 100
91 202.4 163.3 244.9





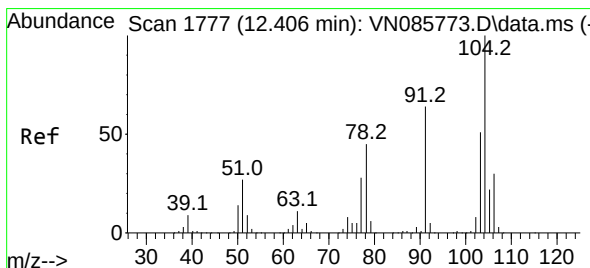
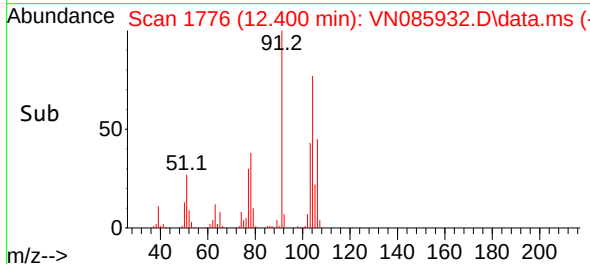
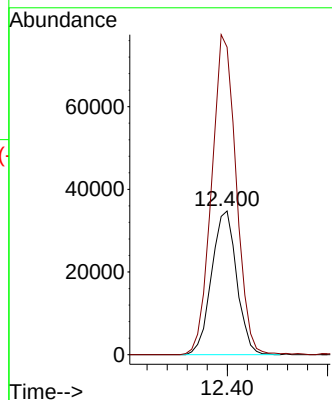
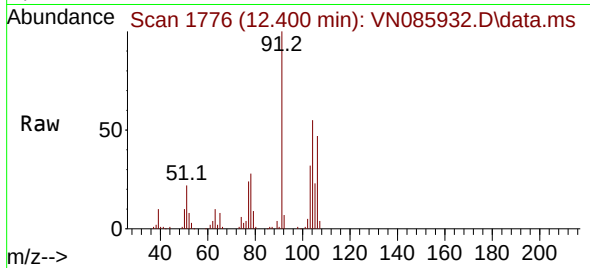
#69
o-Xylene
Concen: 19.107 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

Tgt Ion:106 Resp: 60408
Ion Ratio Lower Upper
106 100
91 218.0 107.1 321.4

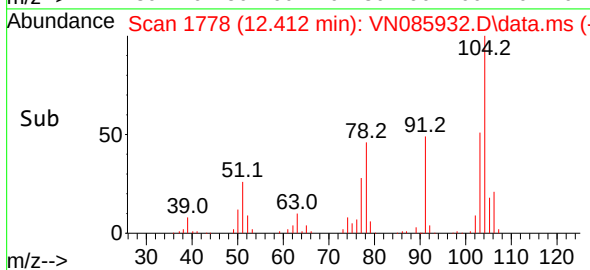
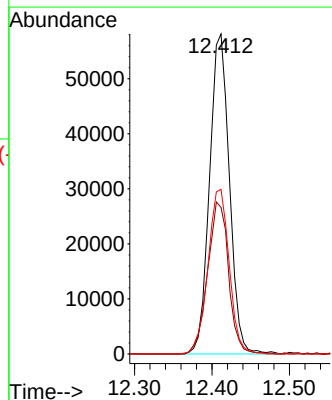
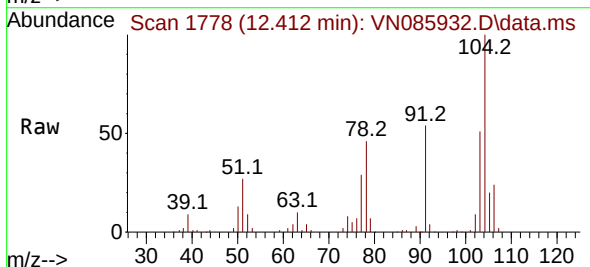
Manual Integrations
APPROVED

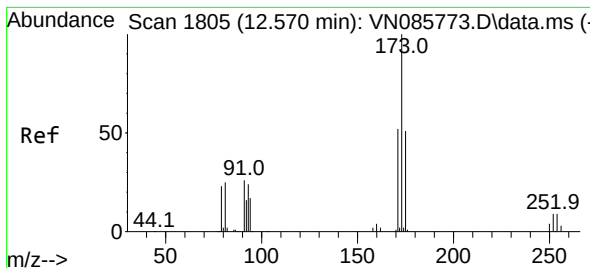
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#70
Styrene
Concen: 19.049 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion:104 Resp: 103470
Ion Ratio Lower Upper
104 100
78 50.1 39.0 58.6
103 55.0 43.3 64.9





#71

Bromoform

Concen: 20.475 ug/l

RT: 12.576 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085932.D

Acq: 11 Mar 2025 15:28

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBSD01

Tgt Ion:173 Resp: 30578

Ion Ratio Lower Upper

173 100

175 49.4 25.1 75.4

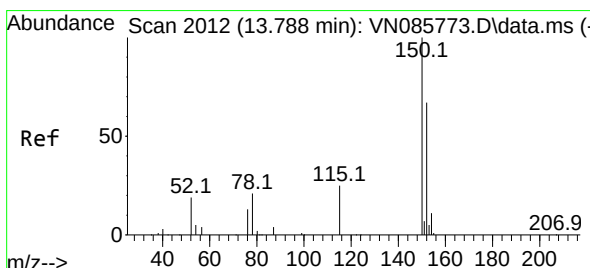
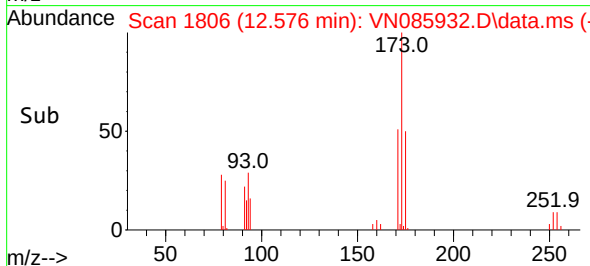
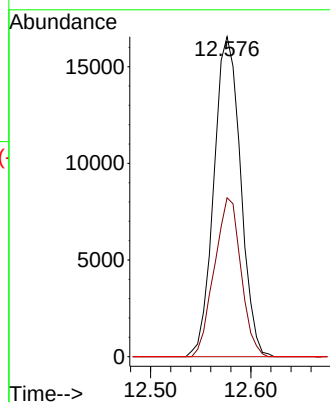
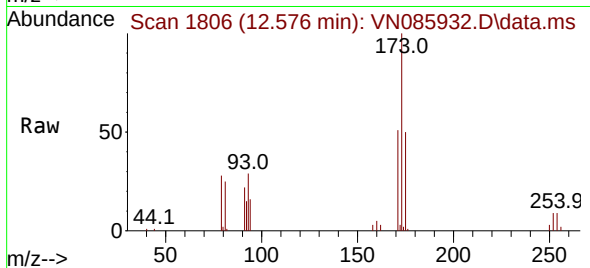
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN085932.D

Acq: 11 Mar 2025 15:28

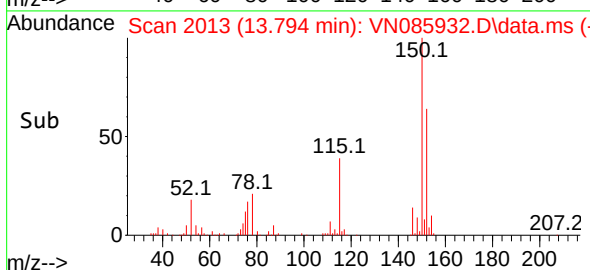
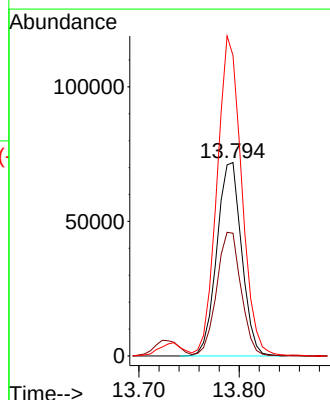
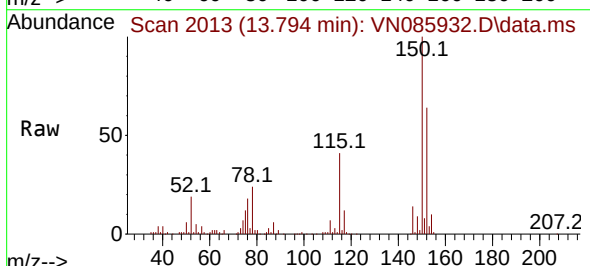
Tgt Ion:152 Resp: 123338

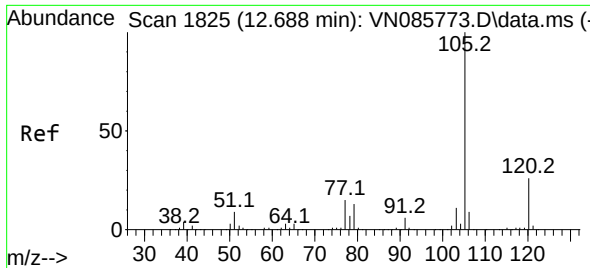
Ion Ratio Lower Upper

152 100

115 63.2 30.4 91.3

150 164.5 0.0 345.4





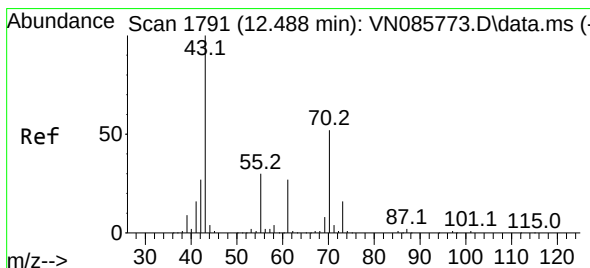
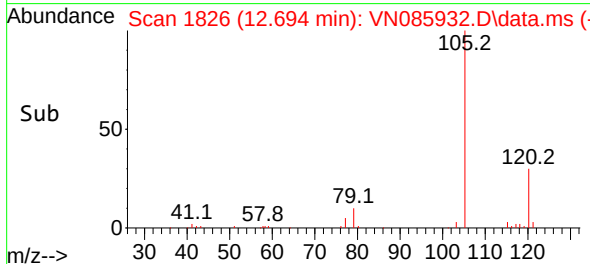
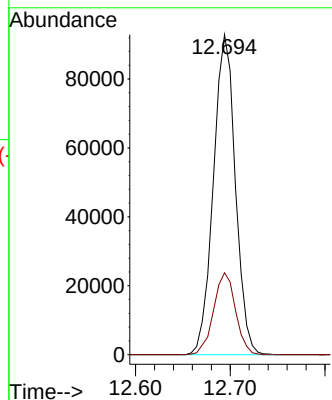
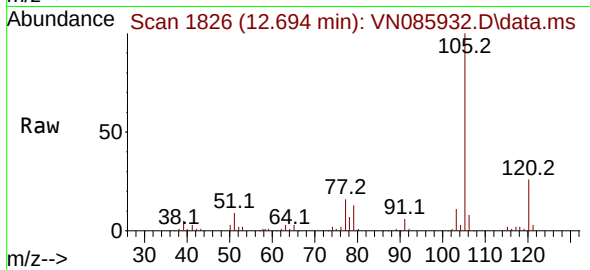
#73
Isopropylbenzene
Concen: 17.740 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

Tgt Ion:105 Resp: 14990
Ion Ratio Lower Upper
105 100
120 25.5 13.0 39.0

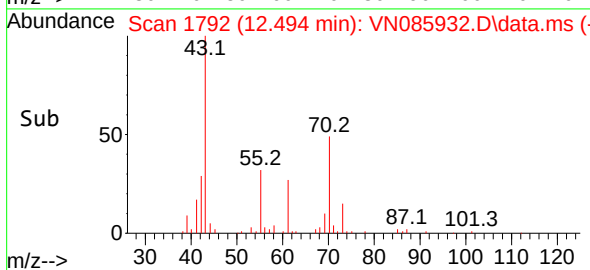
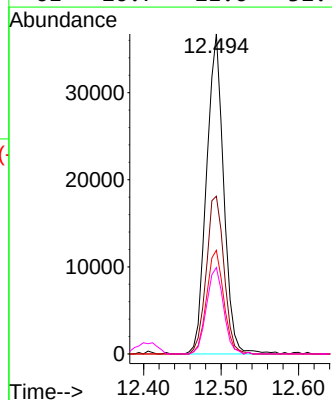
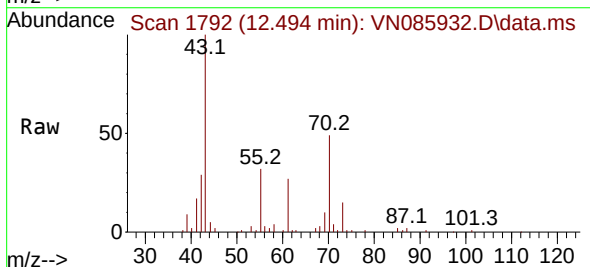
Manual Integrations
APPROVED

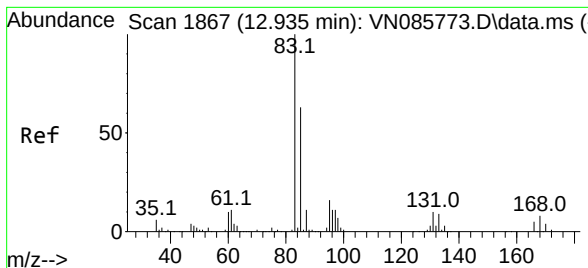
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#74
N-ethyl acetate
Concen: 18.975 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

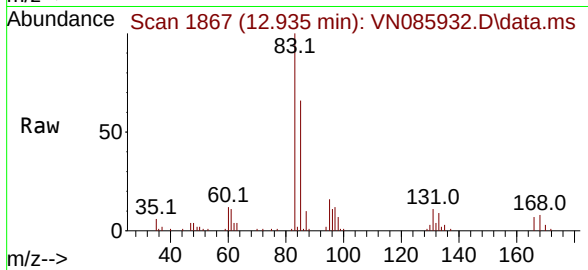
Tgt Ion: 43 Resp: 56542
Ion Ratio Lower Upper
43 100
70 50.7 41.0 61.4
55 32.1 24.6 36.8
61 26.7 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 18.378 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

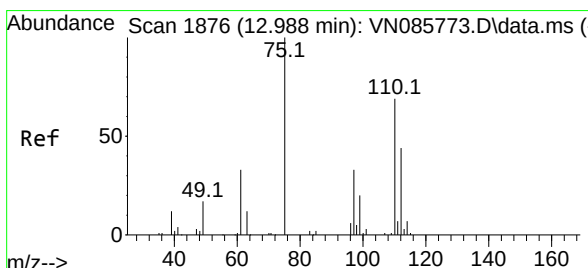
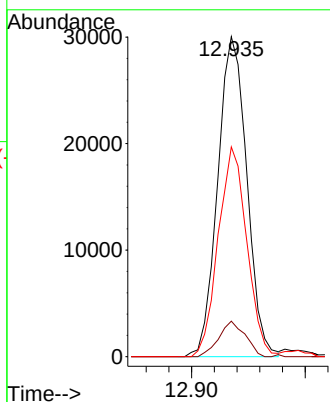
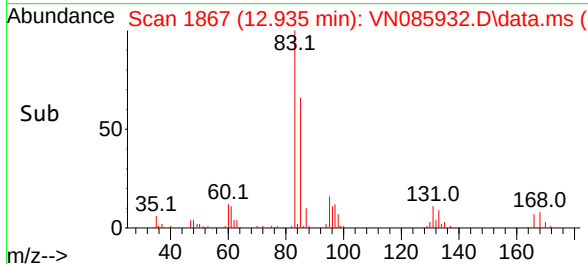
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



Tgt Ion: 83 Resp: 53430
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 64.4 32.2 96.6

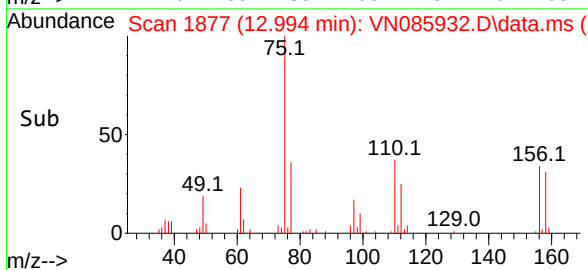
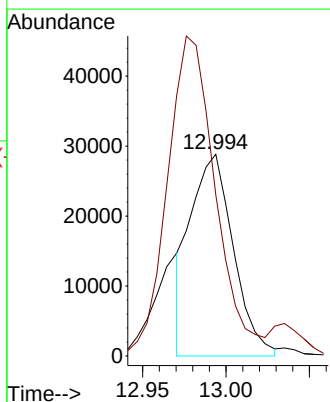
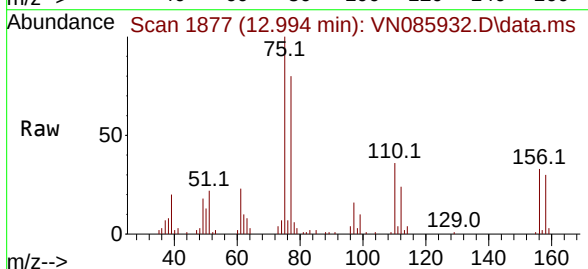
Manual Integrations
APPROVED

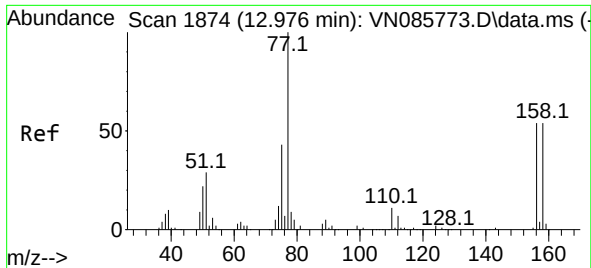
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#76
1,2,3-Trichloropropane
Concen: 18.724 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

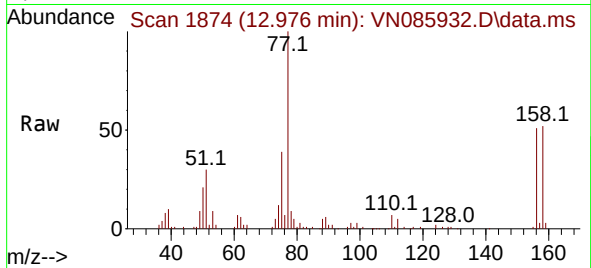
Tgt Ion: 75 Resp: 51299
Ion Ratio Lower Upper
75 100
77 178.9 100.0 300.0





#77
Bromobenzene
Concen: 17.969 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

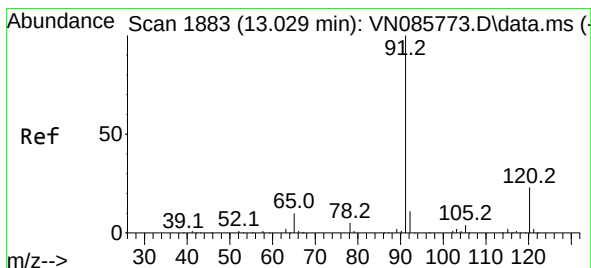
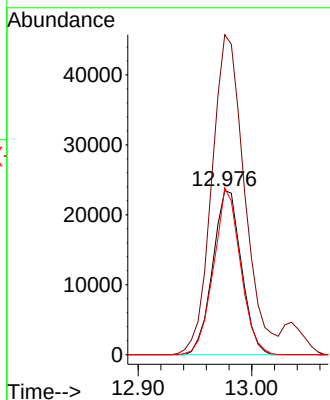
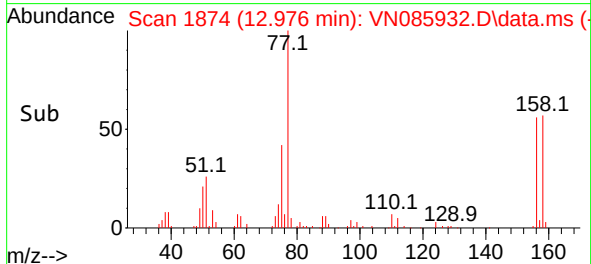
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



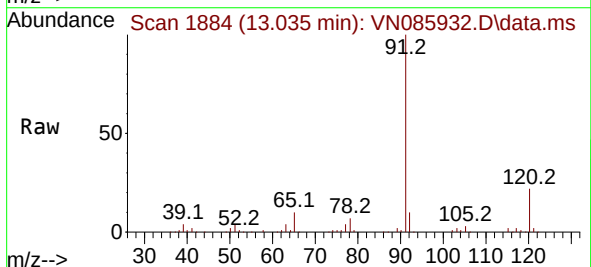
Tgt Ion:156 Resp: 41022
Ion Ratio Lower Upper
156 100
77 223.7 104.1 312.3
158 95.8 48.1 144.4

Manual Integrations
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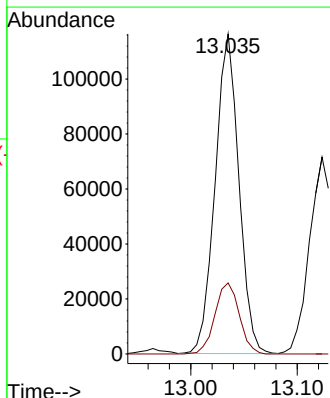
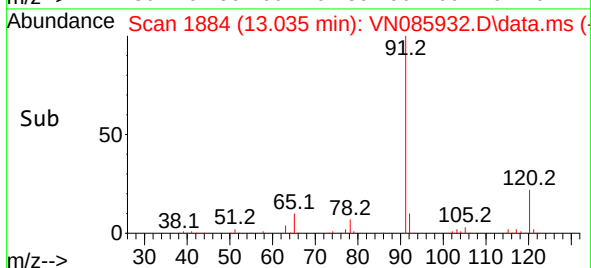
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

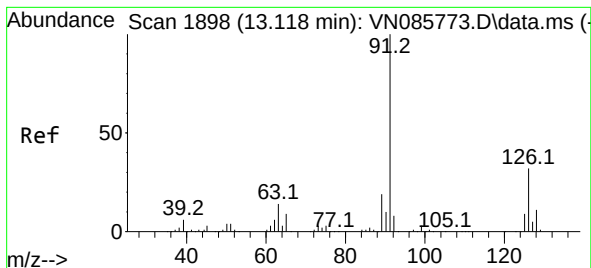


#78
n-propylbenzene
Concen: 18.544 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28



Tgt Ion: 91 Resp: 179451
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.8





#79

2-Chlorotoluene

Concen: 18.546 ug/l

RT: 13.123 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VN085932.D

Acq: 11 Mar 2025 15:28

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBSD01

Tgt Ion: 91 Resp: 11991

Ion Ratio Lower Upper

91 100

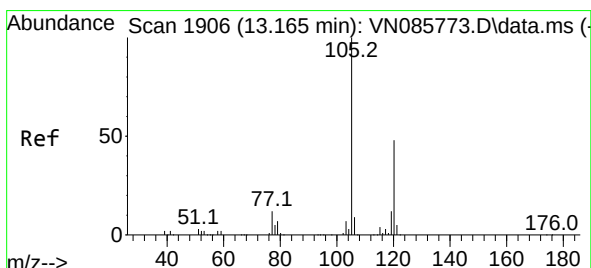
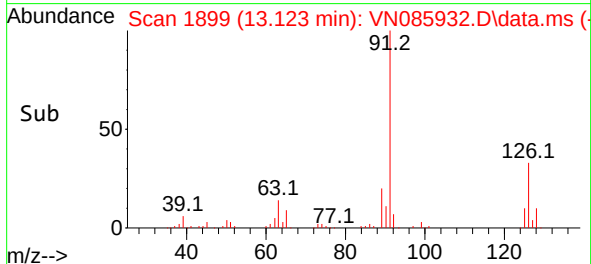
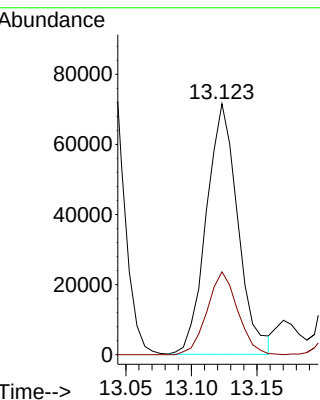
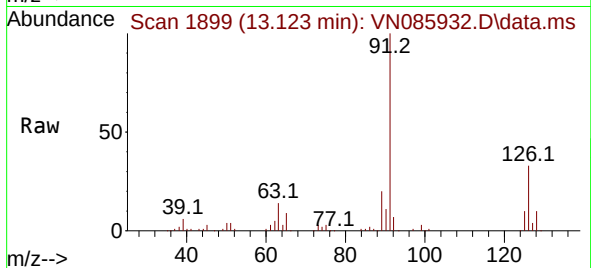
126 31.8 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#80

1,3,5-Trimethylbenzene

Concen: 18.953 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VN085932.D

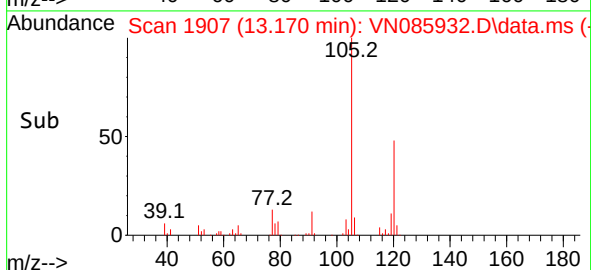
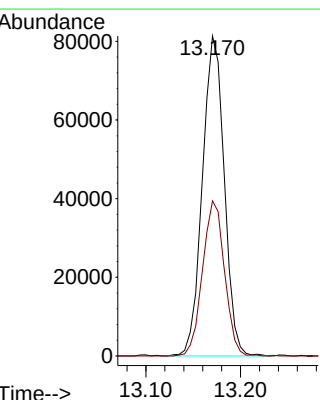
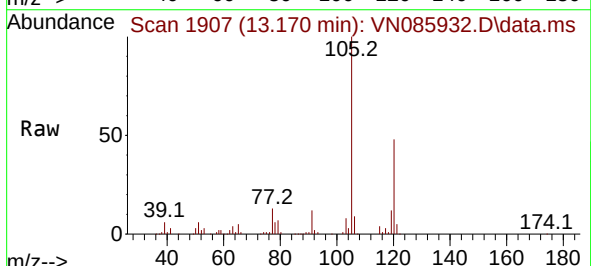
Acq: 11 Mar 2025 15:28

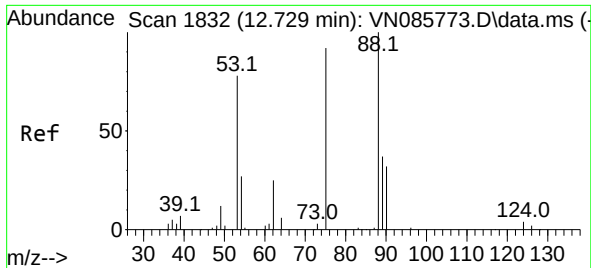
Tgt Ion:105 Resp: 130459

Ion Ratio Lower Upper

105 100

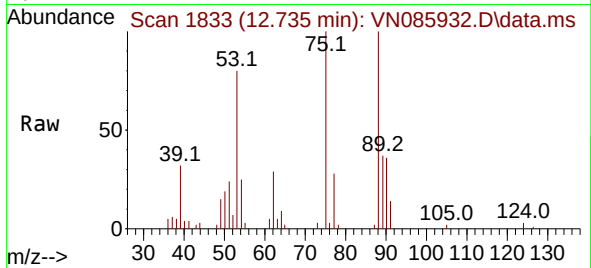
120 48.7 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 20.811 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

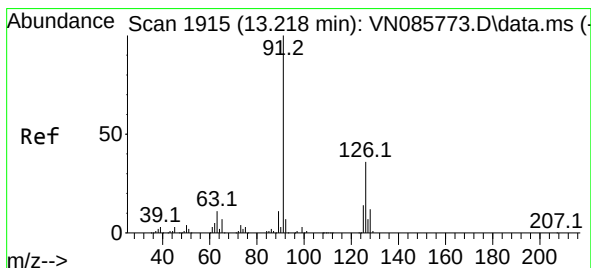
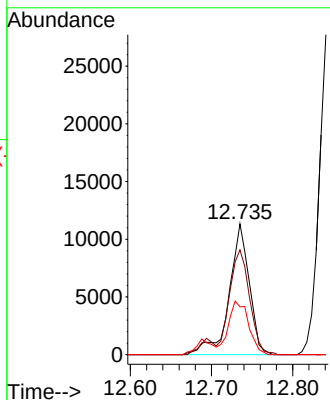
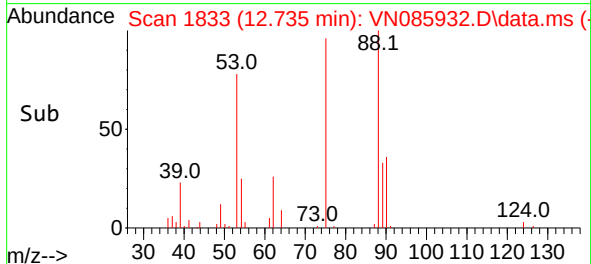
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



Tgt Ion: 75 Resp: 1954
Ion Ratio Lower Upper
75 100
53 79.8 74.2 111.4
89 41.2 34.9 52.3

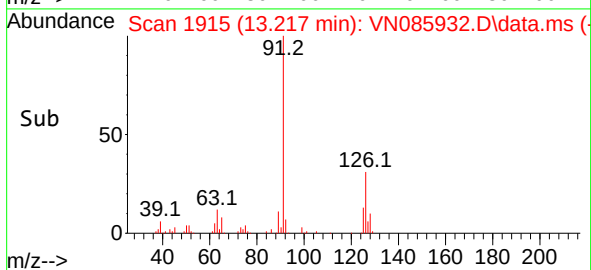
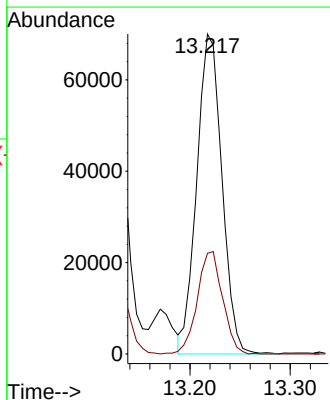
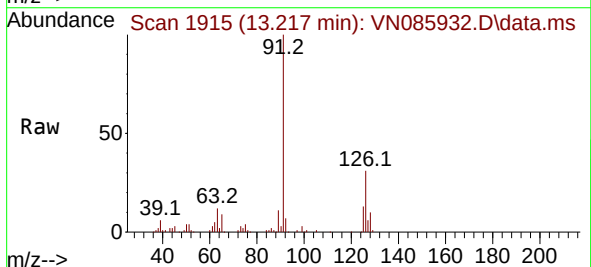
Manual Integrations
APPROVED

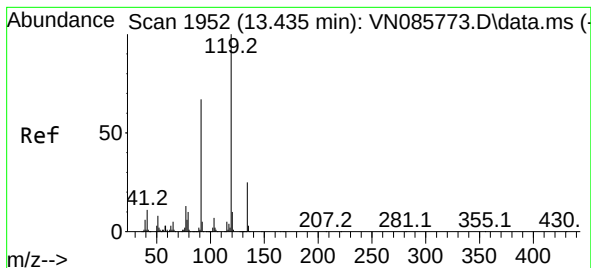
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#82
4-Chlorotoluene
Concen: 19.104 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

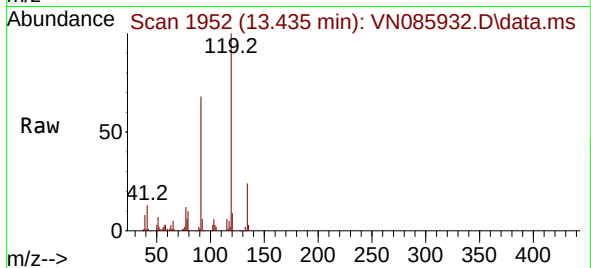
Tgt Ion: 91 Resp: 122450
Ion Ratio Lower Upper
91 100
126 32.2 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 17.635 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN085932.D
 Acq: 11 Mar 2025 15:28

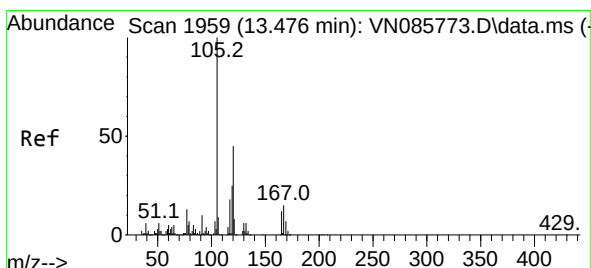
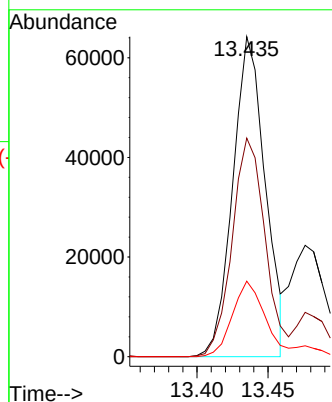
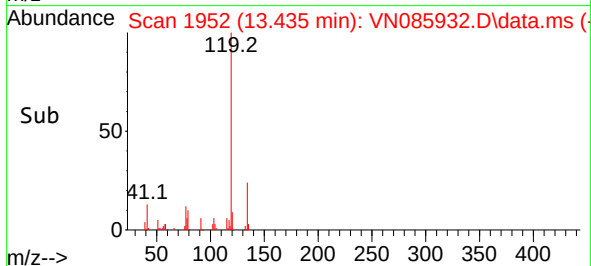
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBSD01



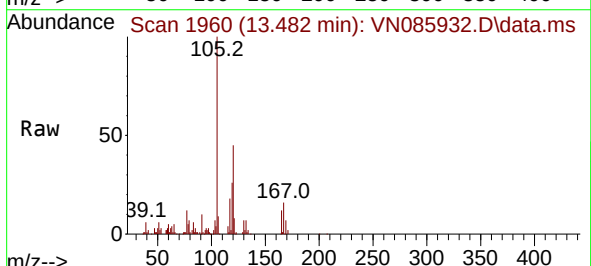
Tgt Ion:119 Resp: 102074
 Ion Ratio Lower Upper
 119 100
 91 69.7 32.5 97.5
 134 26.3 13.3 39.9

Manual Integrations
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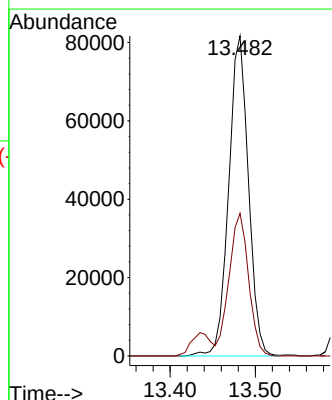
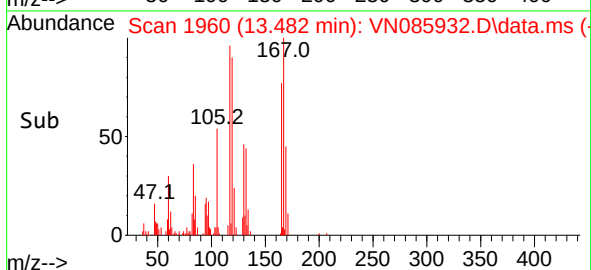
Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025

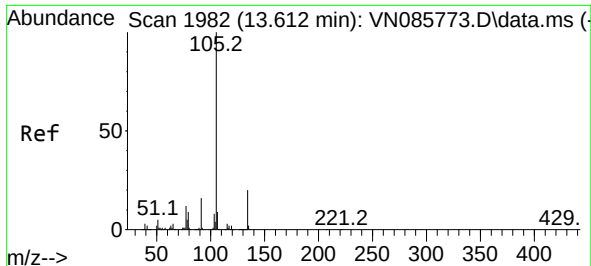


#84
 1,2,4-Trimethylbenzene
 Concen: 19.302 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN085932.D
 Acq: 11 Mar 2025 15:28



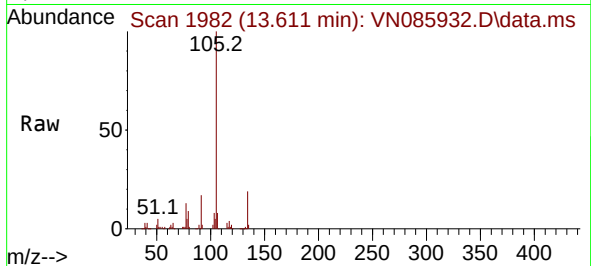
Tgt Ion:105 Resp: 131448
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 17.821 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.001 min
 Lab File: VN085932.D
 Acq: 11 Mar 2025 15:28

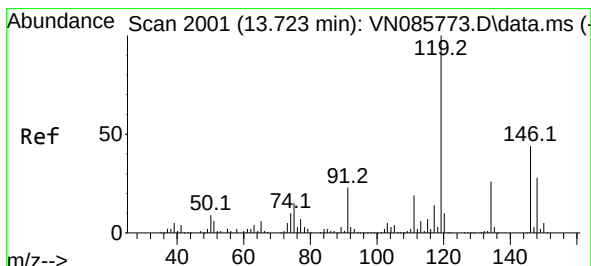
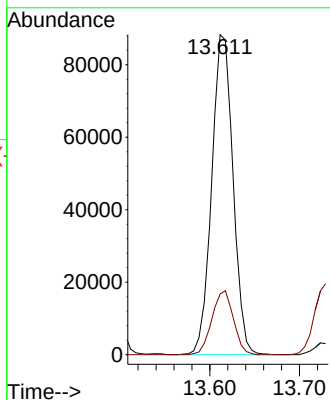
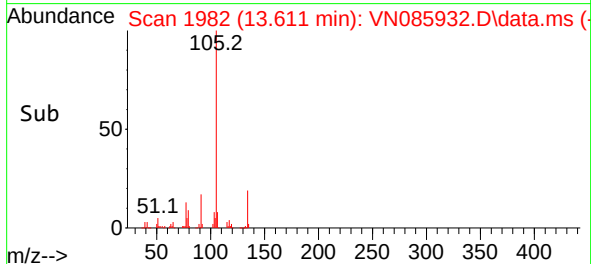
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBSD01



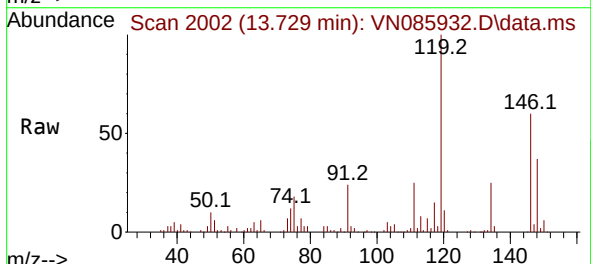
Tgt Ion:105 Resp: 145749
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.4

Manual Integrations
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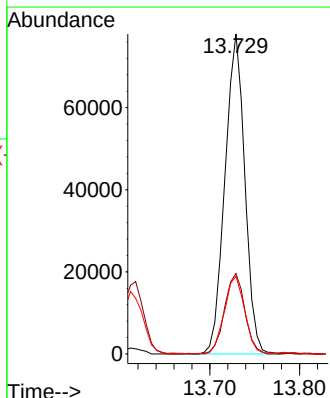
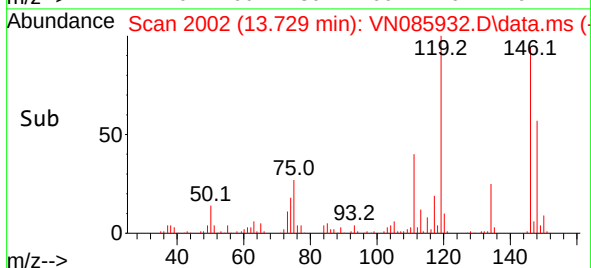
Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025

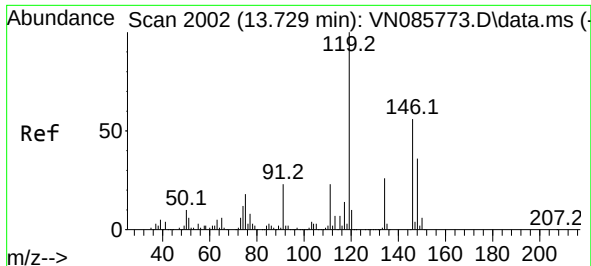


#86
 p-Isopropyltoluene
 Concen: 17.268 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085932.D
 Acq: 11 Mar 2025 15:28



Tgt Ion:119 Resp: 119735
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 24.9 11.7 35.1





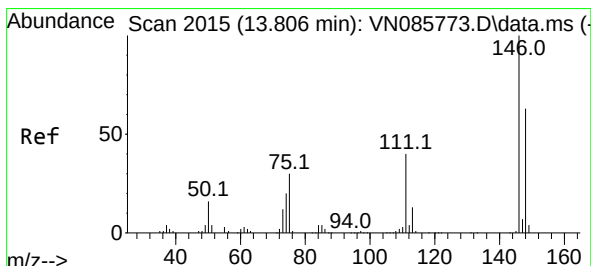
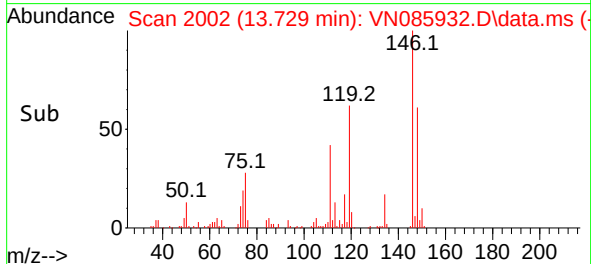
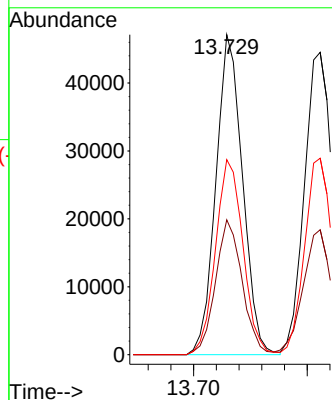
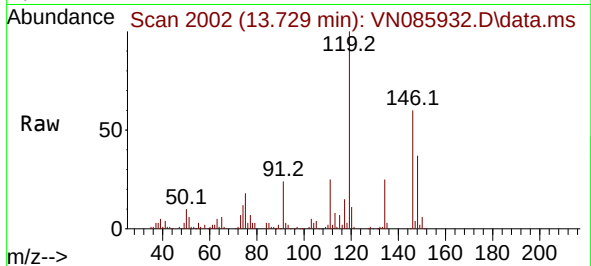
#87
 1,3-Dichlorobenzene
 Concen: 17.956 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN085932.D
 Acq: 11 Mar 2025 15:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBSD01

Tgt Ion:146 Resp: 76798
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.1 63.3
 148 63.0 32.1 96.5

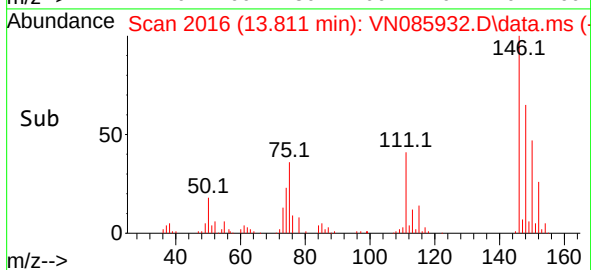
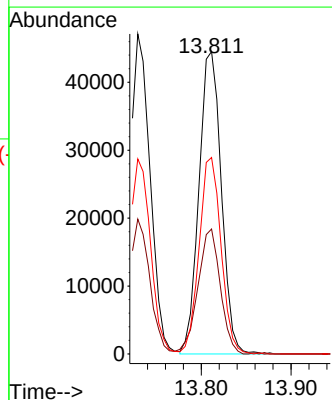
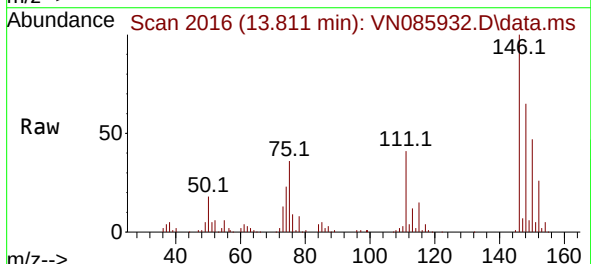
Manual Integrations
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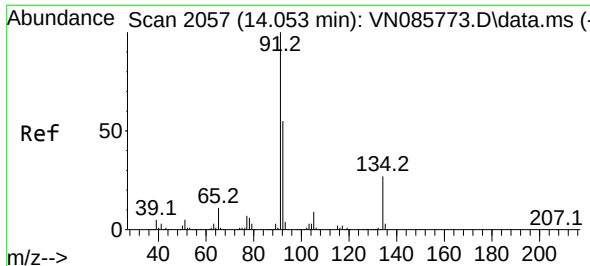
Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025



#88
 1,4-Dichlorobenzene
 Concen: 17.586 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. 0.006 min
 Lab File: VN085932.D
 Acq: 11 Mar 2025 15:28

Tgt Ion:146 Resp: 77090
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.4 61.3
 148 63.7 31.8 95.4





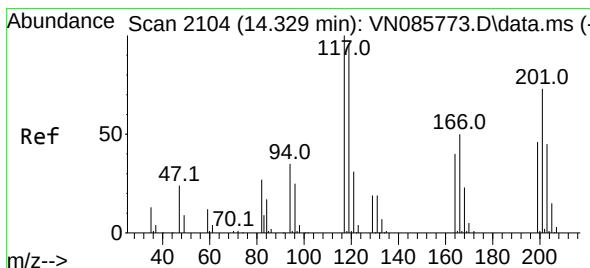
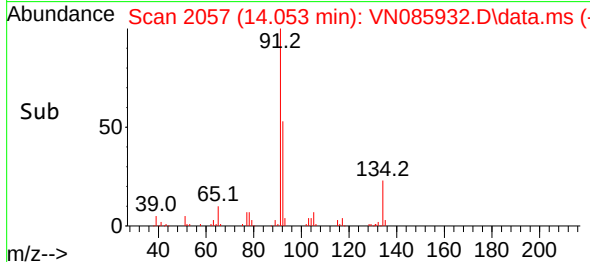
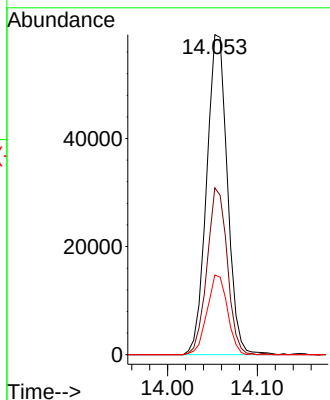
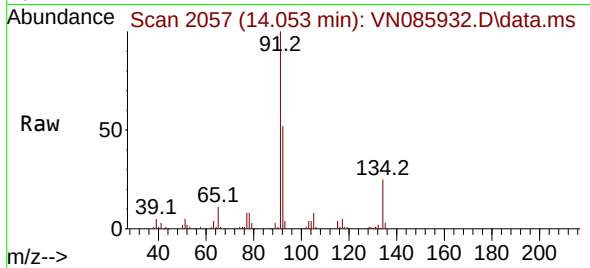
#89
n-Butylbenzene
Concen: 16.401 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

Tgt Ion: 91 Resp: 95229
Ion Ratio Lower Upper
91 100
92 50.8 27.1 81.3
134 24.4 12.7 38.1

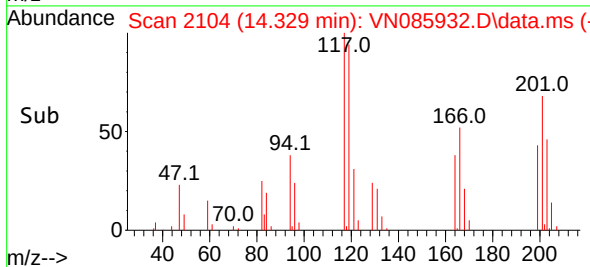
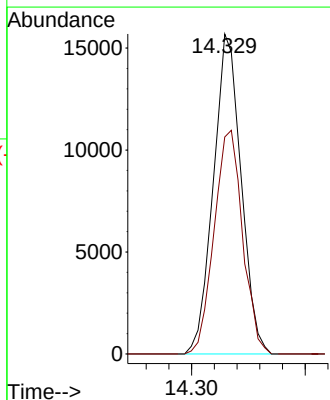
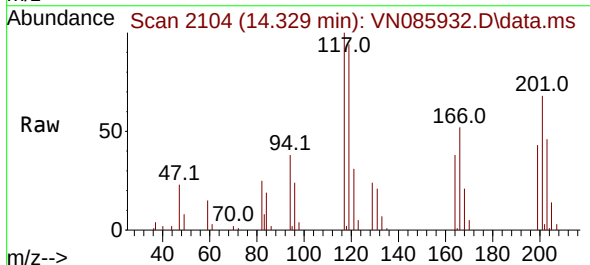
Manual Integrations
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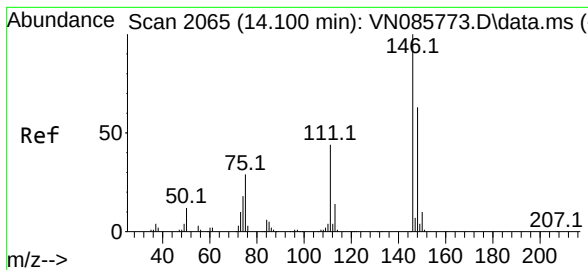
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#90
Hexachloroethane
Concen: 17.180 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion:117 Resp: 26609
Ion Ratio Lower Upper
117 100
201 71.7 35.6 106.9





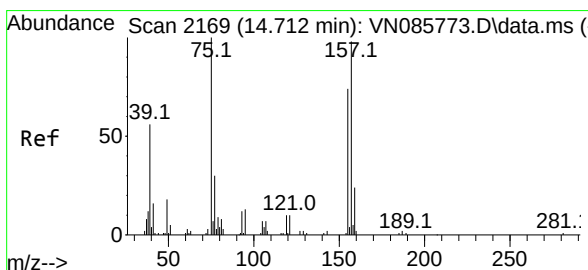
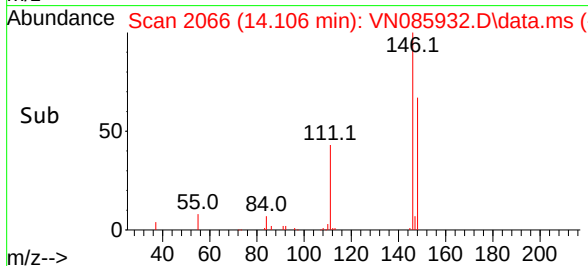
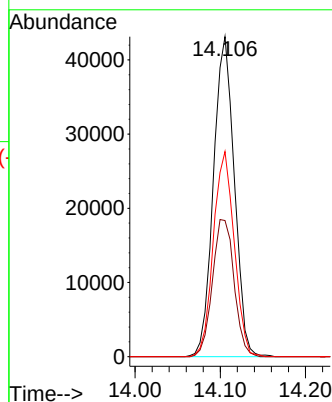
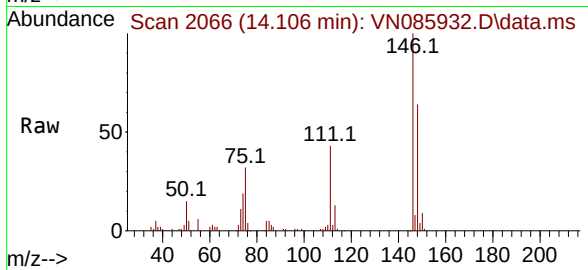
#91
1,2-Dichlorobenzene
Concen: 17.866 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

Tgt Ion:146 Resp: 7348
Ion Ratio Lower Upper
146 100
111 44.4 21.4 64.3
148 64.0 32.0 96.2

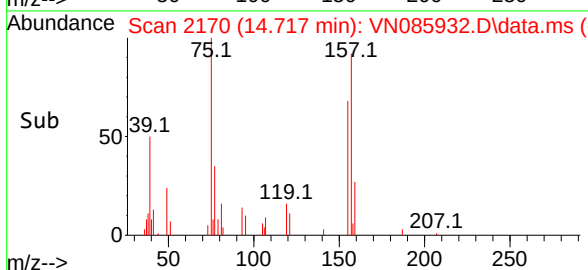
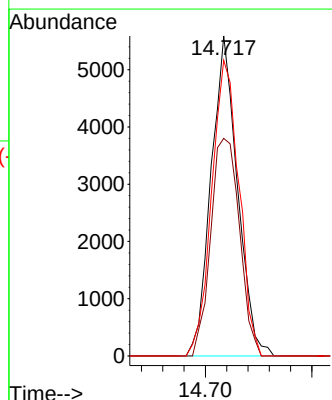
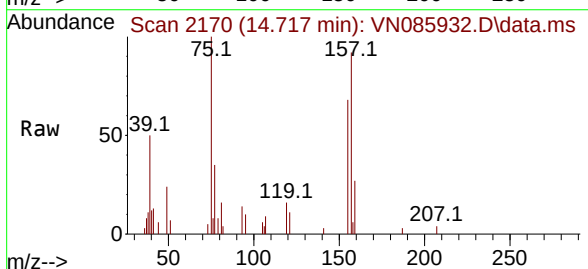
Manual Integrations
APPROVED

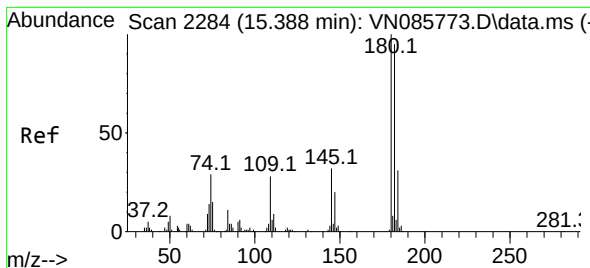
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.993 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion: 75 Resp: 9607
Ion Ratio Lower Upper
75 100
155 74.1 39.9 119.6
157 95.1 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 16.098 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN085932.D

Acq: 11 Mar 2025 15:28

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBSD01

Tgt Ion:180 Resp: 31550

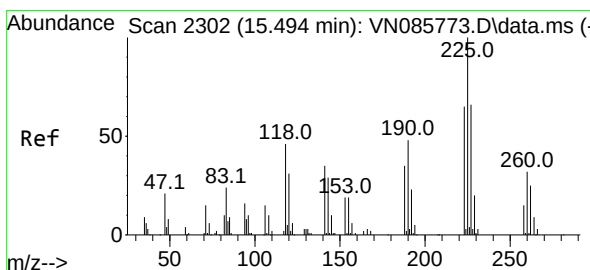
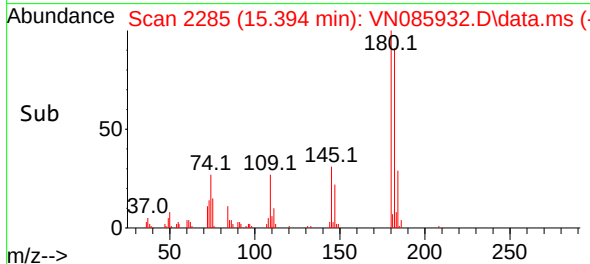
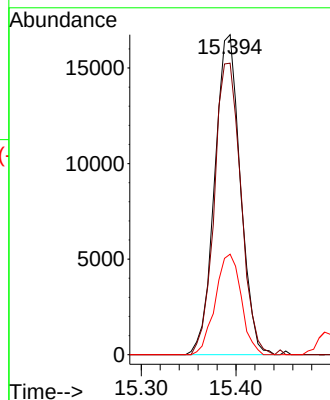
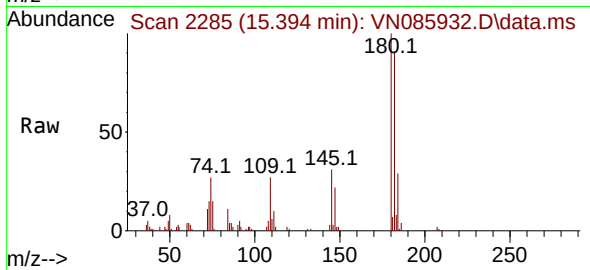
Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.3	141.9
145	31.6	16.2	48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#94

Hexachlorobutadiene

Concen: 15.454 ug/l

RT: 15.494 min Scan# 2302

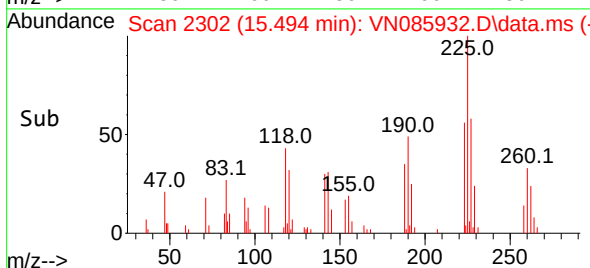
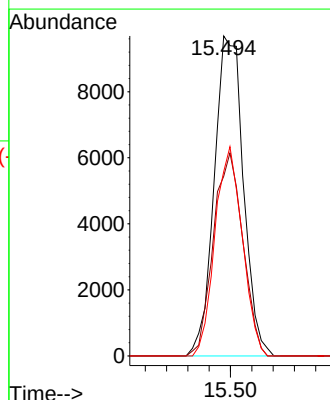
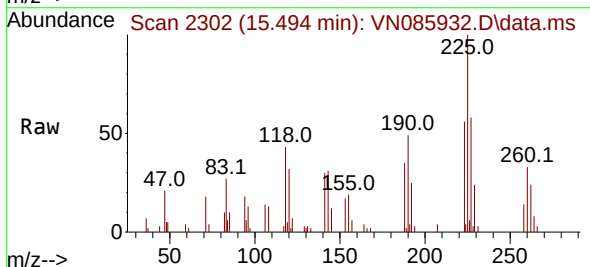
Delta R.T. -0.000 min

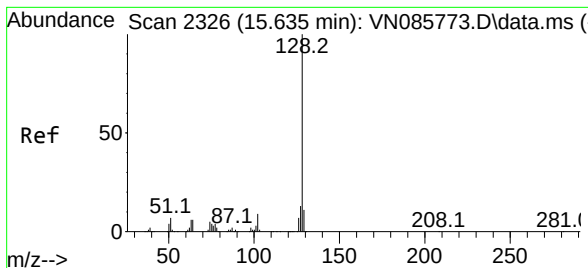
Lab File: VN085932.D

Acq: 11 Mar 2025 15:28

Tgt Ion:225 Resp: 18407

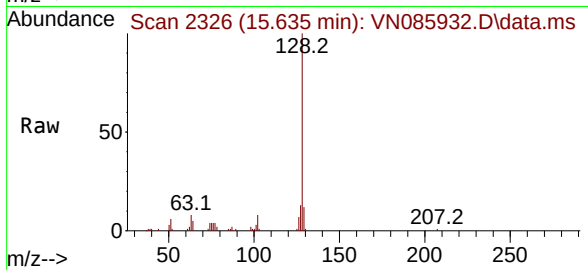
Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.9	95.5
227	61.2	32.2	96.6





#95
Naphthalene
Concen: 15.252 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

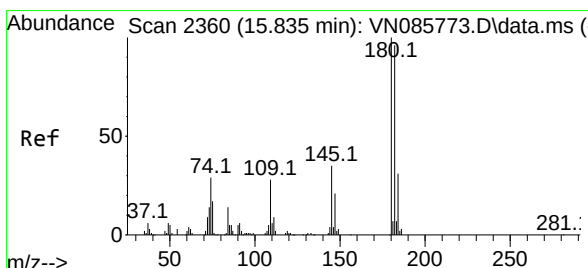
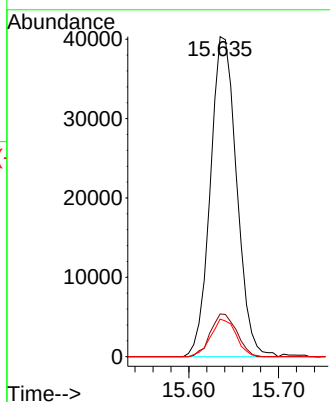
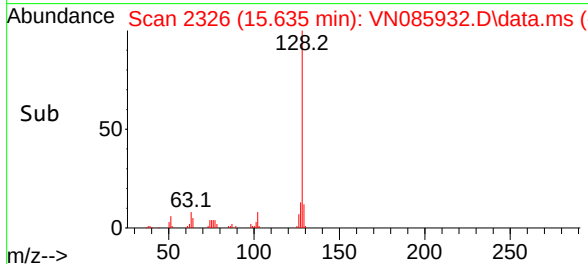
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01



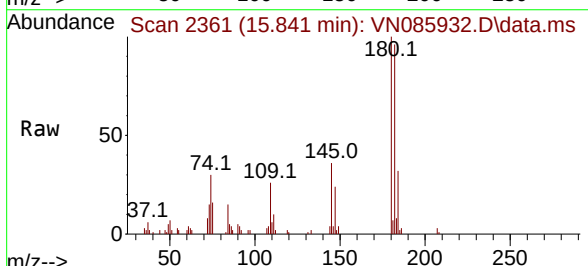
Tgt Ion:128 Resp: 82060
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.2
129 11.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#96
1,2,3-Trichlorobenzene
Concen: 15.845 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28



Tgt Ion:180 Resp: 31176
Ion Ratio Lower Upper
180 100
182 95.6 47.3 141.8
145 35.1 16.9 50.6

