

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032825\
 Data File : VN086165.D
 Acq On : 28 Mar 2025 21:06
 Operator : JC\MD
 Sample : VN0328MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/31/2025
 Supervised By : Mahesh Dadoda 03/31/2025

Quant Time: Mar 28 23:41:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	209462	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	346170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	311874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	153431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	138349	48.235	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.460%		
35) Dibromofluoromethane	8.165	113	118497	49.042	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.080%		
50) Toluene-d8	10.565	98	432605	49.332	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.660%		
62) 4-Bromofluorobenzene	12.847	95	152149	48.651	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	47248	17.026	ug/l	93
3) Chloromethane	2.359	50	49910	20.516	ug/l	98
4) Vinyl Chloride	2.512	62	48662	19.563	ug/l	97
5) Bromomethane	2.959	94	31682	18.698	ug/l	100
6) Chloroethane	3.118	64	28483	18.151	ug/l #	88
7) Trichlorofluoromethane	3.500	101	82335	18.413	ug/l	100
8) Diethyl Ether	3.959	74	28022	20.471	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	45053	18.958	ug/l	99
10) Methyl Iodide	4.589	142	60695	19.600	ug/l	99
11) Tert butyl alcohol	5.518	59	35022	86.241	ug/l	95
12) 1,1-Dichloroethene	4.342	96	43669	20.350	ug/l	94
13) Acrolein	4.177	56	30762	71.022	ug/l	95
14) Allyl chloride	5.024	41	53165	19.859	ug/l	95
15) Acrylonitrile	5.718	53	109196	101.816	ug/l	99
16) Acetone	4.424	43	79648	90.894	ug/l	100
17) Carbon Disulfide	4.712	76	125413	17.771	ug/l	98
18) Methyl Acetate	5.024	43	52532	24.230	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	140020	19.912	ug/l	100
20) Methylene Chloride	5.277	84	52702	20.559	ug/l	93
21) trans-1,2-Dichloroethene	5.788	96	48548	20.701	ug/l	97
22) Diisopropyl ether	6.671	45	135342	23.723	ug/l	98
23) Vinyl Acetate	6.600	43	437799	101.231	ug/l	98
24) 1,1-Dichloroethane	6.565	63	87851	20.941	ug/l	99
25) 2-Butanone	7.482	43	124240	98.259	ug/l	95
26) 2,2-Dichloropropane	7.482	77	66408	16.442	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	55561	20.849	ug/l	99
28) Bromochloromethane	7.812	49	41252	23.209	ug/l	94
29) Tetrahydrofuran	7.835	42	84544	108.306	ug/l	94
30) Chloroform	7.965	83	95608	20.618	ug/l	98
31) Cyclohexane	8.253	56	68805	19.252	ug/l	92
32) 1,1,1-Trichloroethane	8.165	97	86622	19.734	ug/l	95
36) 1,1-Dichloropropene	8.371	75	61144	19.218	ug/l	99
37) Ethyl Acetate	7.559	43	51233	19.088	ug/l	98
38) Carbon Tetrachloride	8.359	117	79553	19.017	ug/l	98
39) Methylcyclohexane	9.600	83	53761	17.032	ug/l	94
40) Benzene	8.600	78	205604	20.586	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	28770	22.447	ug/l	91
42) 1,2-Dichloroethane	8.665	62	67202	19.310	ug/l	96
43) Isopropyl Acetate	8.688	43	95606	16.438	ug/l	95
44) Trichloroethene	9.353	130	48879	18.883	ug/l	99
45) 1,2-Dichloropropane	9.618	63	49853	21.946	ug/l	97
46) Dibromomethane	9.706	93	35400	19.815	ug/l	99
47) Bromodichloromethane	9.888	83	76296	20.434	ug/l	96
48) Methyl methacrylate	9.676	41	39857	20.766	ug/l	96
49) 1,4-Dioxane	9.694	88	18126	399.498	ug/l #	92
51) 4-Methyl-2-Pentanone	10.441	43	266845	104.028	ug/l	97
52) Toluene	10.623	92	129884	21.188	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	70669	19.489	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	76762	20.065	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	50048	21.391	ug/l	98
56) Ethyl methacrylate	10.871	69	64572	20.175	ug/l	95
57) 1,3-Dichloropropane	11.165	76	80703	20.308	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	120439	99.892	ug/l	97
59) 2-Hexanone	11.194	43	192001	102.747	ug/l	95
60) Dibromochloromethane	11.359	129	60527	20.048	ug/l	99
61) 1,2-Dibromoethane	11.465	107	47736	19.874	ug/l	96
64) Tetrachloroethene	11.100	164	48737	19.590	ug/l	97
65) Chlorobenzene	11.888	112	140275	19.656	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	53050	19.997	ug/l	99
67) Ethyl Benzene	11.959	91	222657	19.504	ug/l	99
68) m/p-Xylenes	12.070	106	180579	40.246	ug/l	98
69) o-Xylene	12.394	106	82577	20.052	ug/l	99
70) Styrene	12.412	104	143375	20.383	ug/l	98
71) Bromoform	12.576	173	40730	18.366	ug/l #	99
73) Isopropylbenzene	12.694	105	206853	19.742	ug/l	100
74) N-amyl acetate	12.494	43	70731	20.177	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	69241	19.534	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	56577m	16.471	ug/l	
77) Bromobenzene	12.976	156	57752	19.768	ug/l	97
78) n-propylbenzene	13.035	91	240792	20.295	ug/l	99
79) 2-Chlorotoluene	13.123	91	155613	19.747	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	178950	20.229	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	23993	18.467	ug/l	93
82) 4-Chlorotoluene	13.217	91	160559	19.813	ug/l	98
83) tert-Butylbenzene	13.435	119	142694	18.861	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	183422	20.558	ug/l	100
85) sec-Butylbenzene	13.611	105	205455	20.817	ug/l	99
86) p-Isopropyltoluene	13.729	119	166910	19.978	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	104101	19.768	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	106694	19.283	ug/l	99
89) n-Butylbenzene	14.053	91	130539	19.187	ug/l	97
90) Hexachloroethane	14.335	117	36221	18.789	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	102960	19.667	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13075	18.479	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	47862	18.183	ug/l	99
94) Hexachlorobutadiene	15.500	225	26518	17.364	ug/l	98
95) Naphthalene	15.641	128	136491	17.907	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	48154	19.279	ug/l	96

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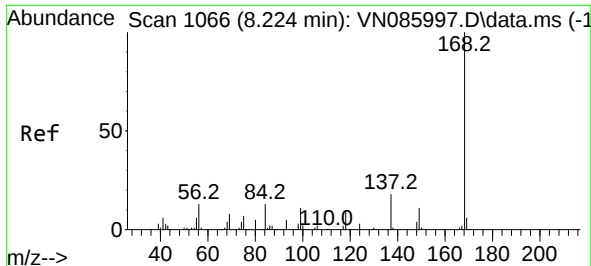
Manual Integrations
APPROVED

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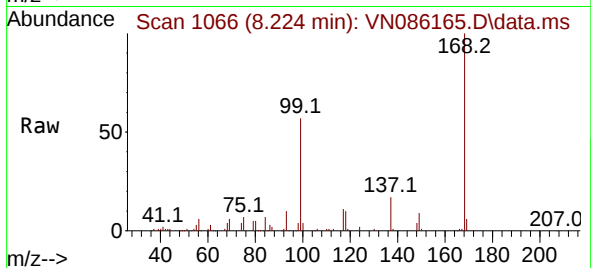
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086165.D
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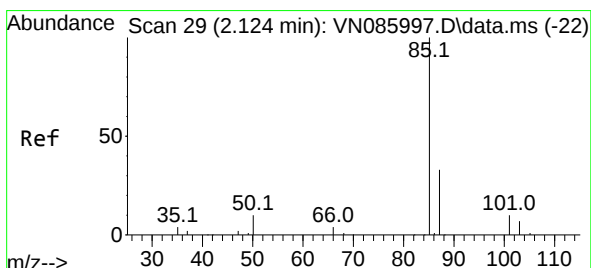
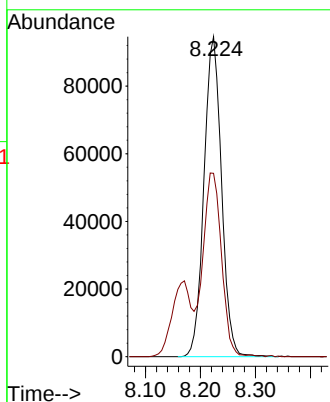
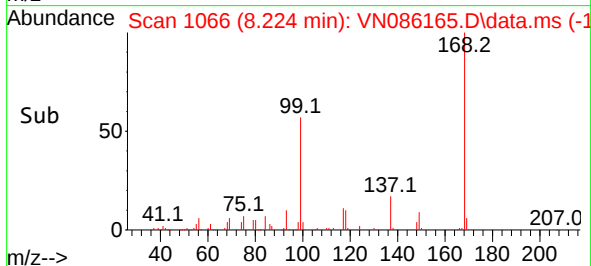
Instrument :
MSVOA_N
ClientSampleId :
VN0328MBS01



Tgt Ion:168 Resp: 209462
Ion Ratio Lower Upper
168 100
99 57.1 49.4 74.2

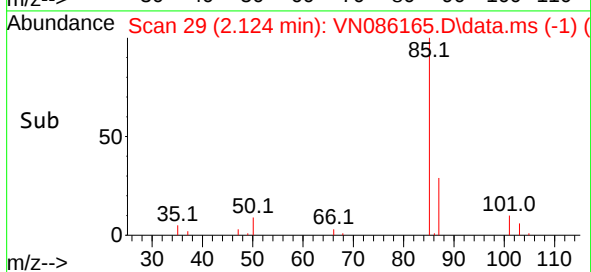
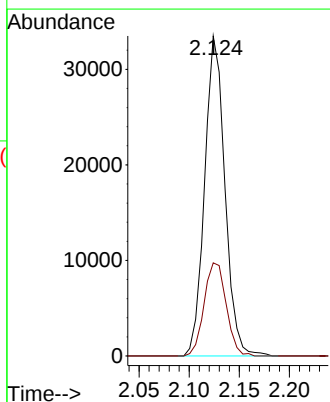
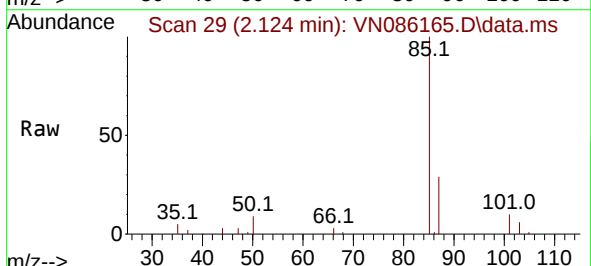
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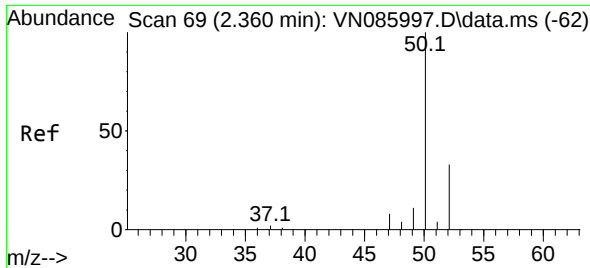
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#2
Dichlorodifluoromethane
Concen: 17.026 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

Tgt Ion: 85 Resp: 47248
Ion Ratio Lower Upper
85 100
87 29.1 16.5 49.5





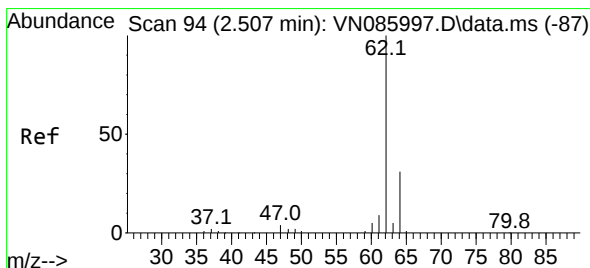
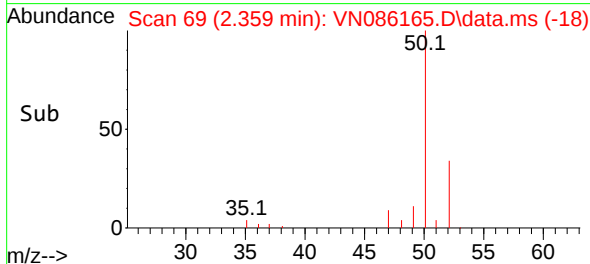
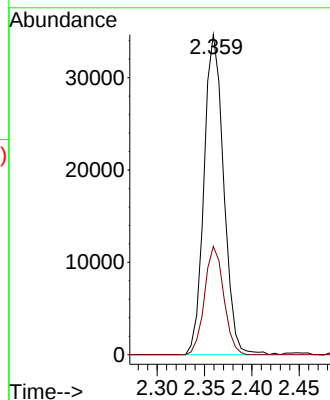
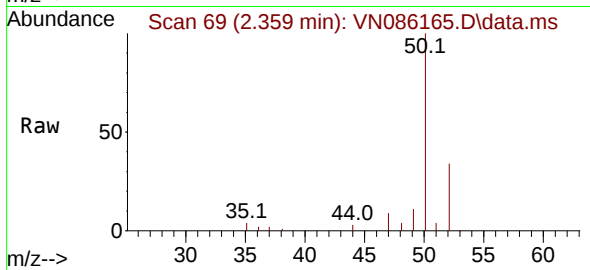
#3
Chloromethane
Concen: 20.516 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086165.D
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Tgt Ion: 50 Resp: 49910
Ion Ratio Lower Upper
50 100
52 33.9 26.0 39.0

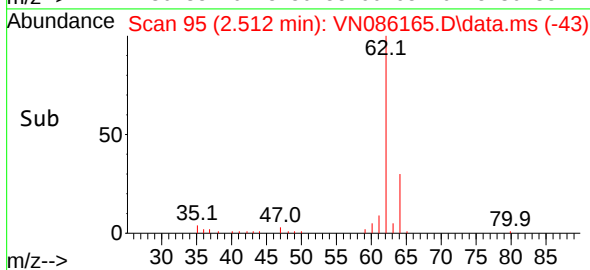
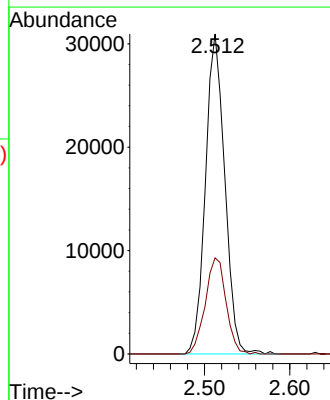
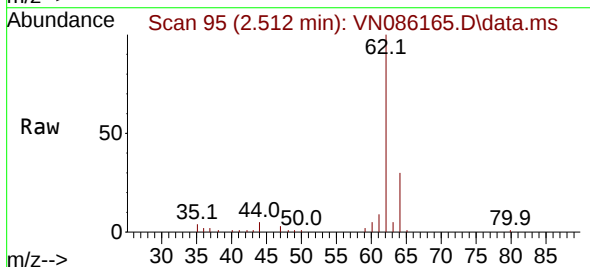
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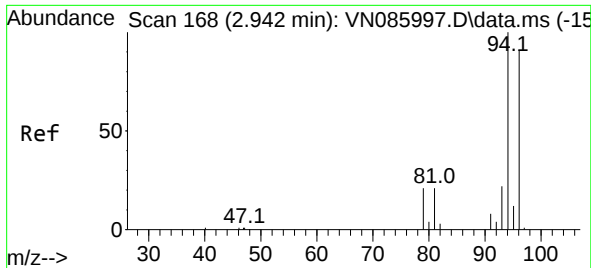
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#4
Vinyl Chloride
Concen: 19.563 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

Tgt Ion: 62 Resp: 48662
Ion Ratio Lower Upper
62 100
64 30.0 25.2 37.8





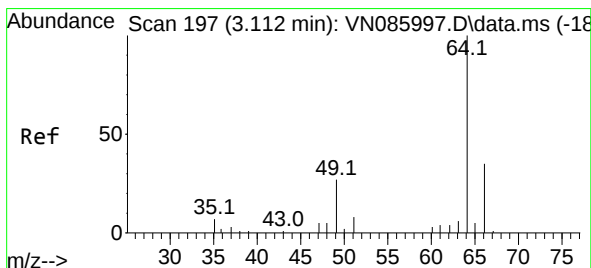
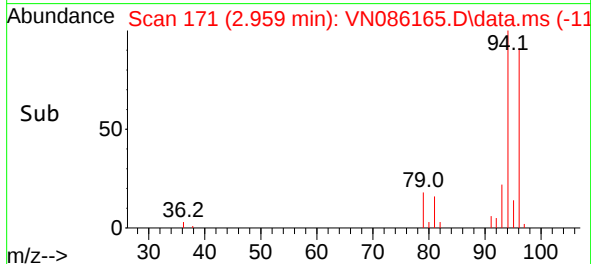
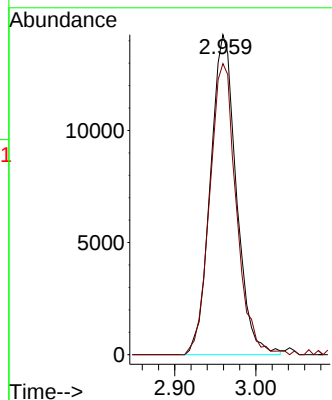
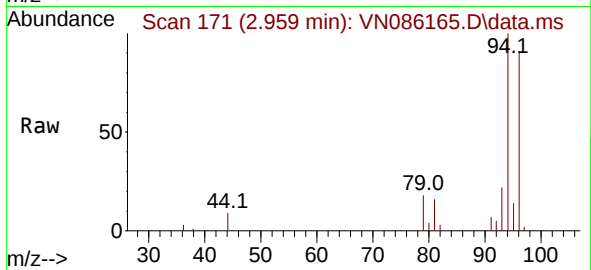
#5
Bromomethane
Concen: 18.698 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 3168
Ion Ratio Lower Upper
94 100
96 91.0 72.8 109.2

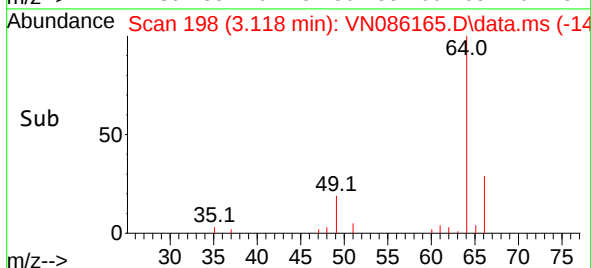
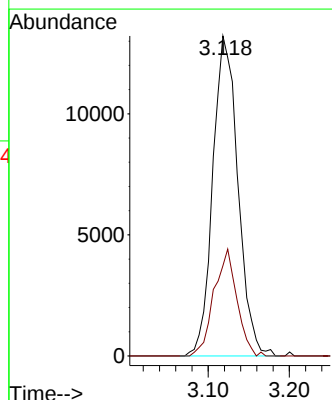
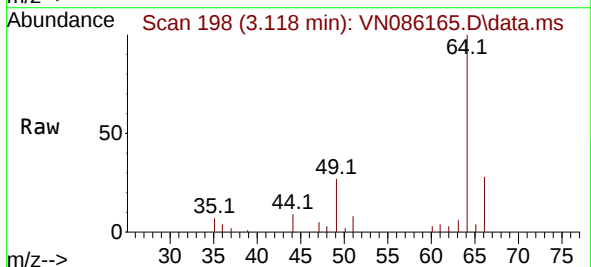
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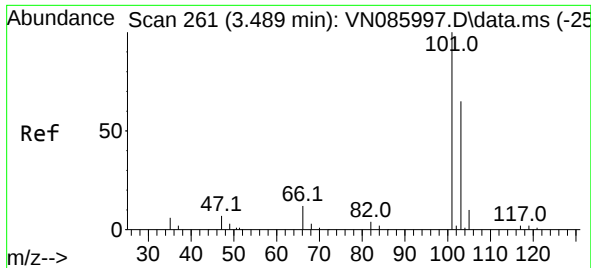
Reviewed By :John Carlone 03/31/2025
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#6
Chloroethane
Concen: 18.151 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

Tgt Ion: 64 Resp: 28483
Ion Ratio Lower Upper
64 100
66 28.2 28.3 42.5#





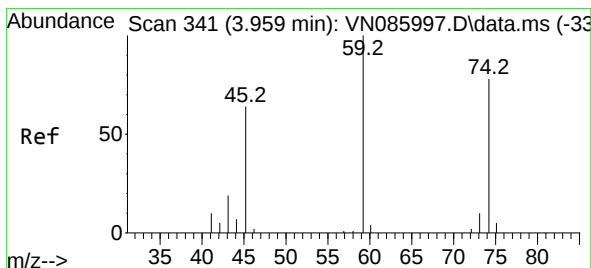
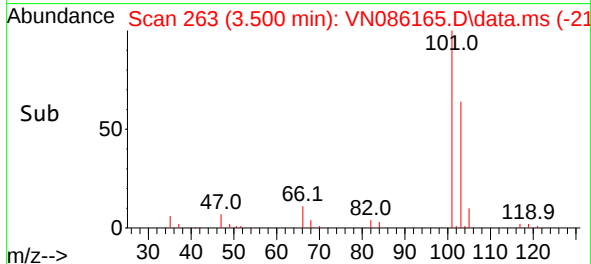
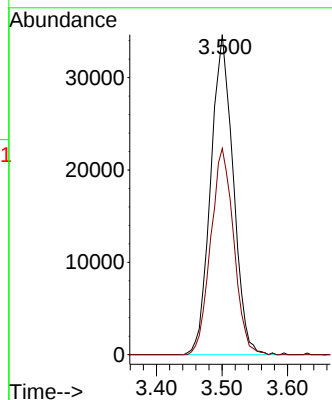
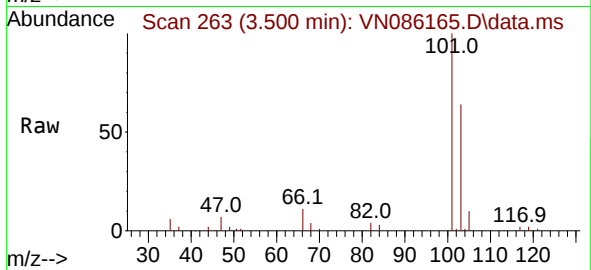
#7
Trichlorofluoromethane
Concen: 18.413 ug/l
RT: 3.500 min Scan# 261
Delta R.T. 0.012 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

Instrument :
MSVOA_N
ClientSampleId :
VN0328MBS01

Tgt Ion:101 Resp: 82335
Ion Ratio Lower Upper
101 100
103 64.4 51.7 77.5

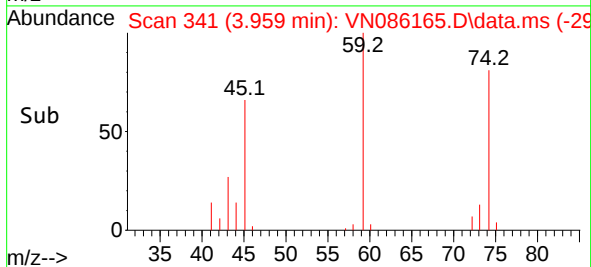
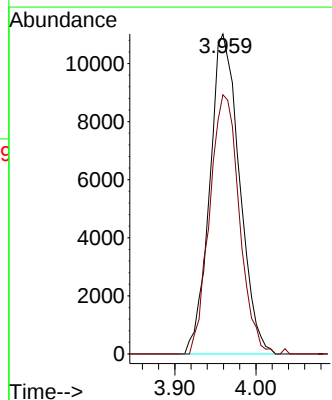
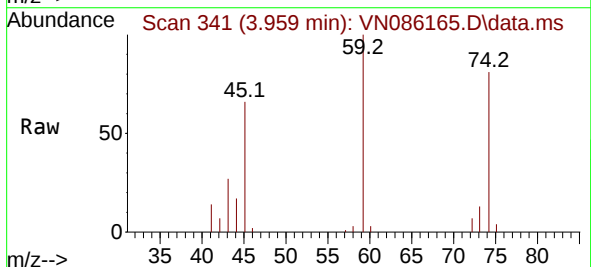
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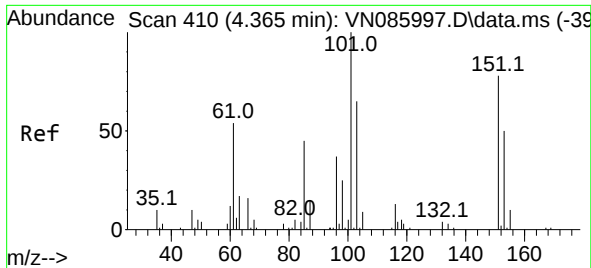
Reviewed By :John Carlone 03/31/2025
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#8
Diethyl Ether
Concen: 20.471 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

Tgt Ion: 74 Resp: 28022
Ion Ratio Lower Upper
74 100
45 80.6 38.0 113.9





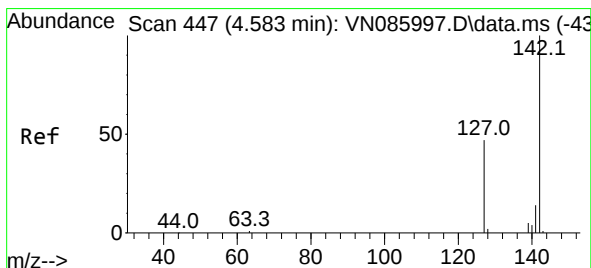
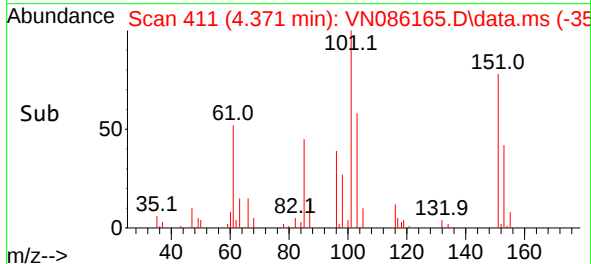
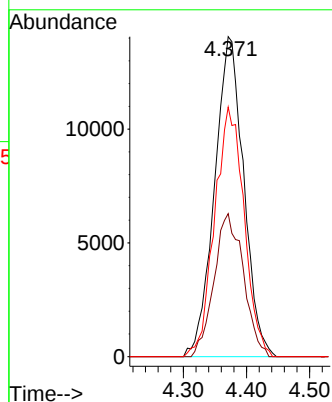
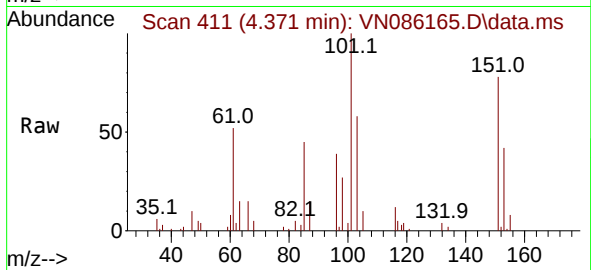
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.958 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

Instrument :
MSVOA_N
ClientSampleId :
VN0328MBS01

Tgt Ion:101 Resp: 4505
Ion Ratio Lower Upper
101 100
85 45.0 36.5 54.7
151 78.8 63.4 95.0

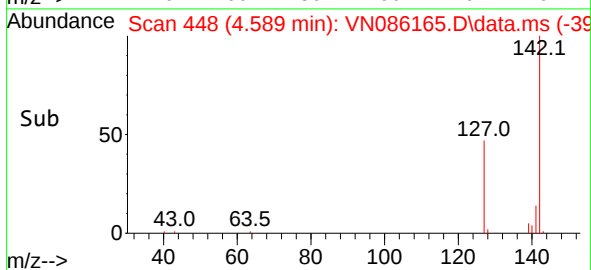
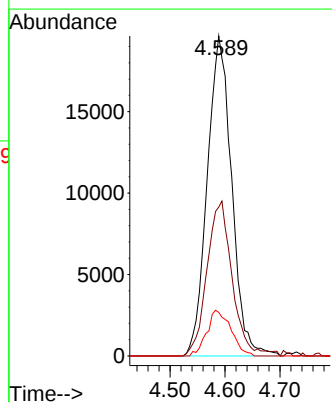
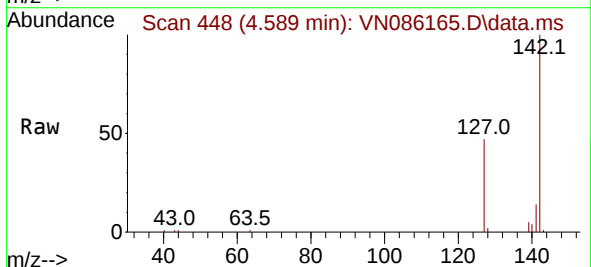
Manual Integrations
APPROVED

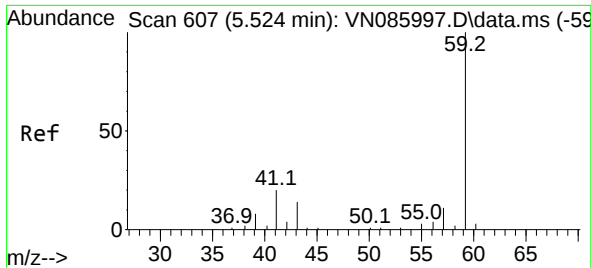
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#10
Methyl Iodide
Concen: 19.600 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

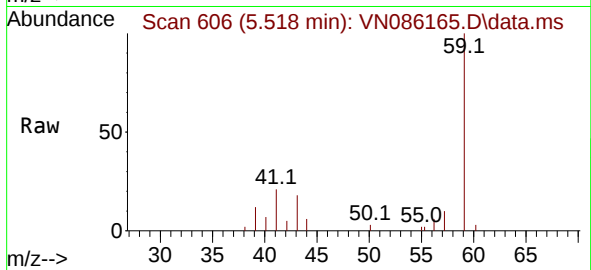
Tgt Ion:142 Resp: 60695
Ion Ratio Lower Upper
142 100
127 46.5 37.5 56.3
141 13.6 11.0 16.6





#11
Tert butyl alcohol
Concen: 86.241 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

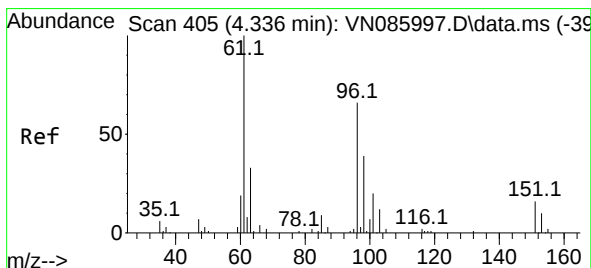
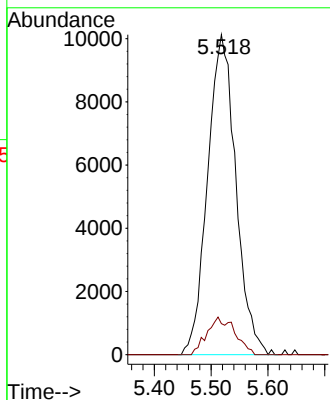
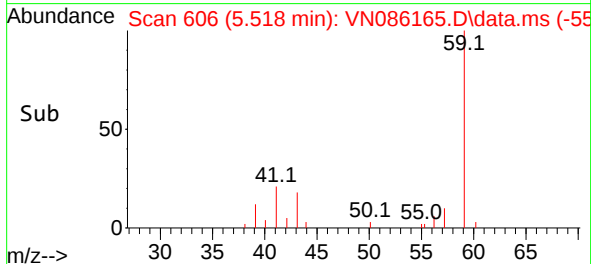
Instrument :
MSVOA_N
ClientSampleId :
VN0328MBS01



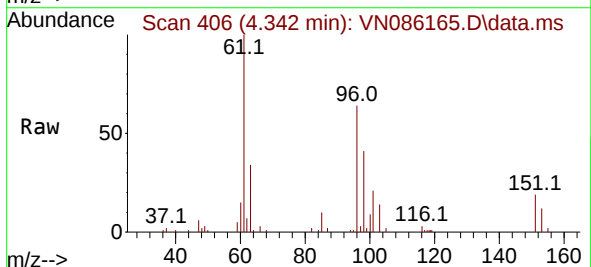
Tgt Ion: 59 Resp: 3502
Ion Ratio Lower Upper
59 100
57 11.6 7.9 11.9

Manual Integrations
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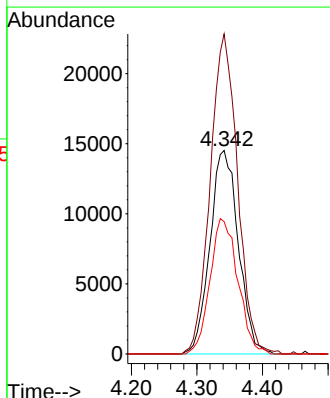
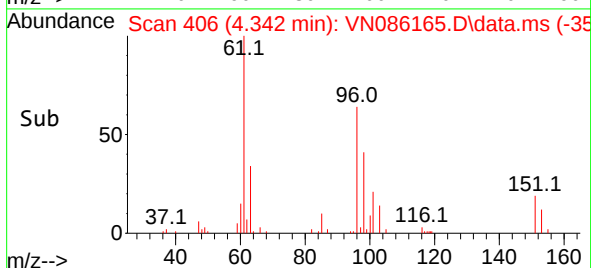
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

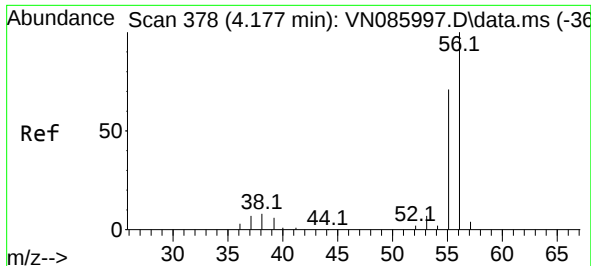


#12
1,1-Dichloroethene
Concen: 20.350 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06



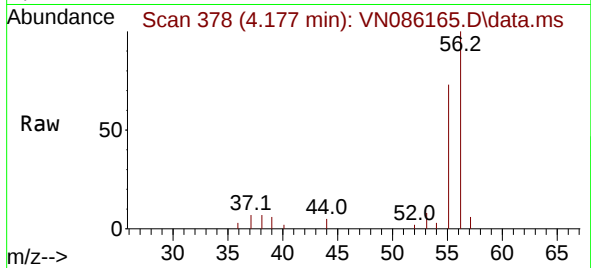
Tgt Ion: 96 Resp: 43669
Ion Ratio Lower Upper
96 100
61 157.3 120.5 180.7
98 65.0 47.4 71.0





#13
Acrolein
Concen: 71.022 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

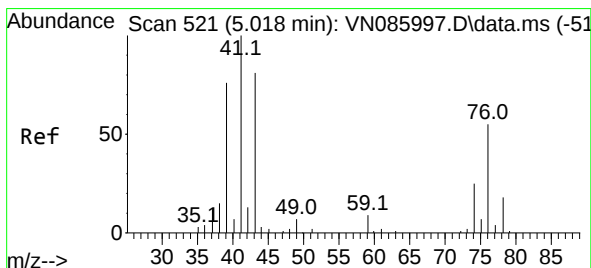
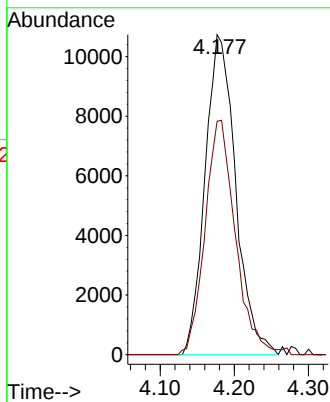
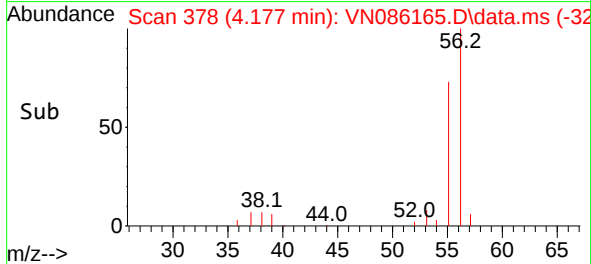
Instrument :
MSVOA_N
ClientSampleId :
VN0328MBS01



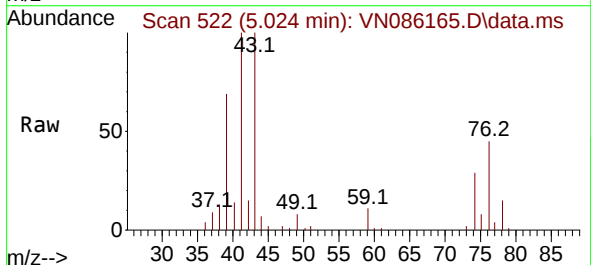
Tgt Ion: 56 Resp: 3076
Ion Ratio Lower Upper
56 100
55 72.9 55.1 82.7

Manual Integrations
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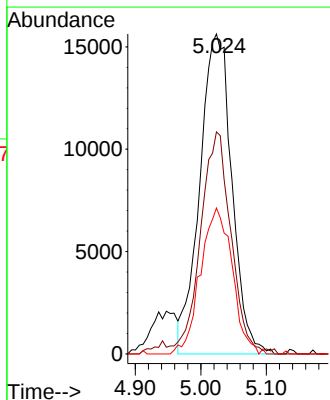
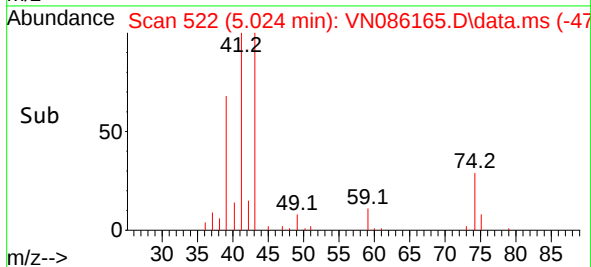
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

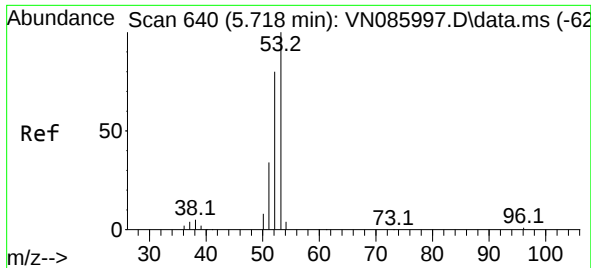


#14
Allyl chloride
Concen: 19.859 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06



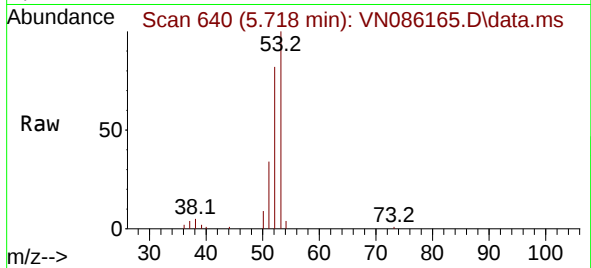
Tgt Ion: 41 Resp: 53165
Ion Ratio Lower Upper
41 100
39 65.8 55.5 83.3
76 45.1 39.1 58.7





#15
Acrylonitrile
Concen: 101.816 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

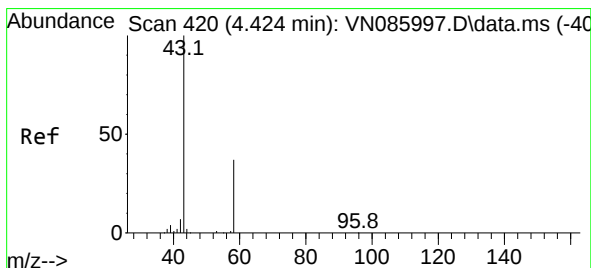
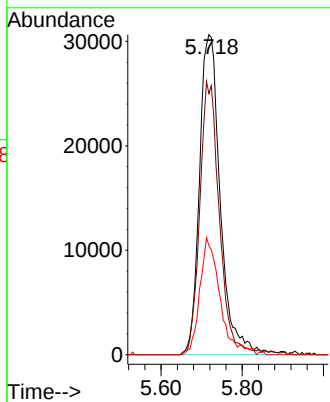
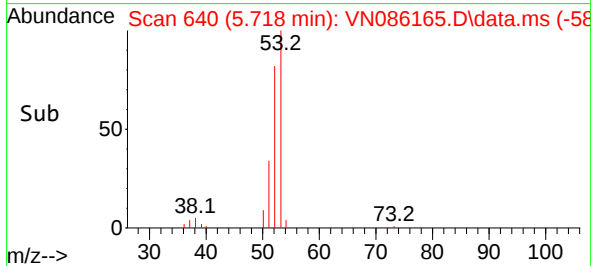
Instrument :
MSVOA_N
ClientSampleId :
VN0328MBS01



Tgt Ion: 53 Resp: 109190
Ion Ratio Lower Upper
53 100
52 80.4 63.9 95.9
51 35.2 27.1 40.7

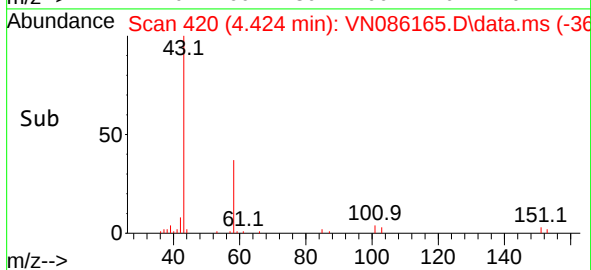
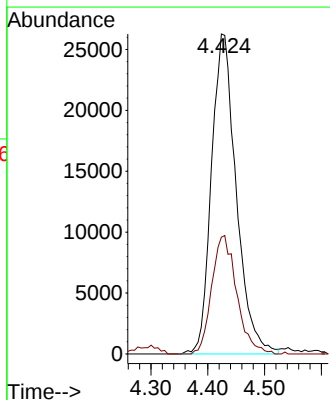
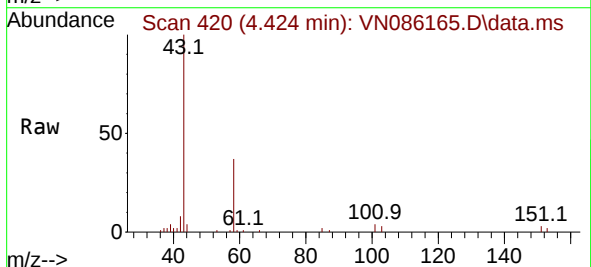
Manual Integrations
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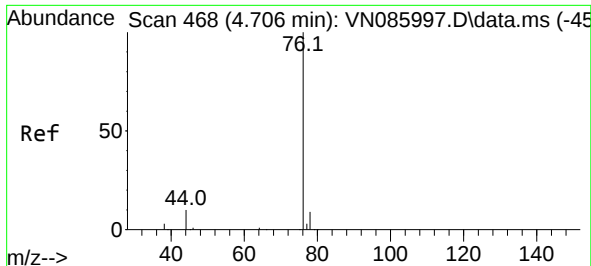
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#16
Acetone
Concen: 90.894 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

Tgt Ion: 43 Resp: 79648
Ion Ratio Lower Upper
43 100
58 36.5 29.4 44.2





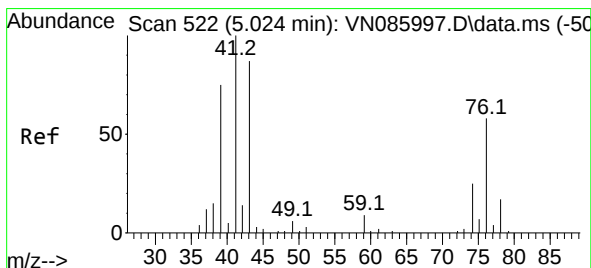
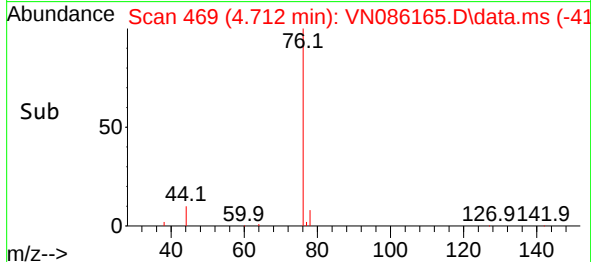
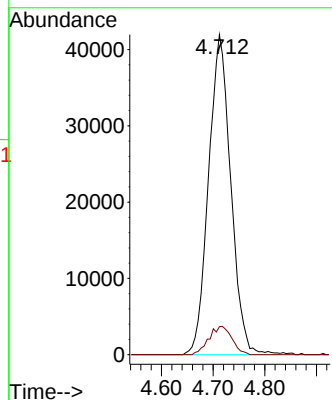
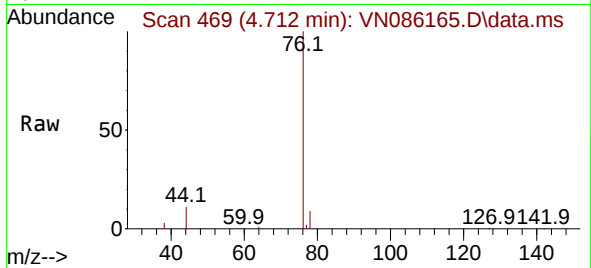
#17
Carbon Disulfide
Concen: 17.771 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

Instrument :
MSVOA_N
ClientSampleId :
VN0328MBS01

Tgt Ion: 76 Resp: 12541
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2

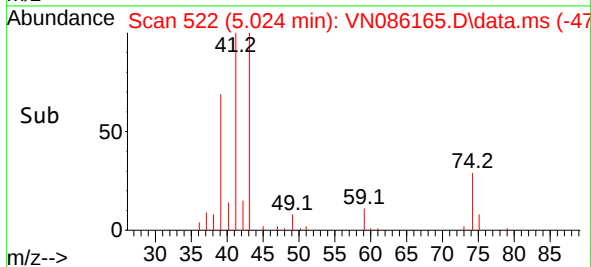
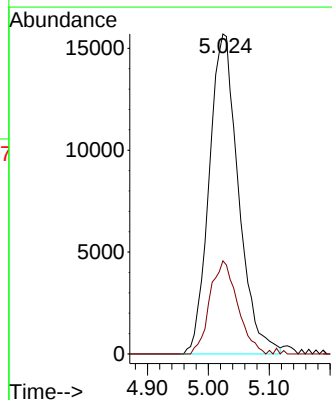
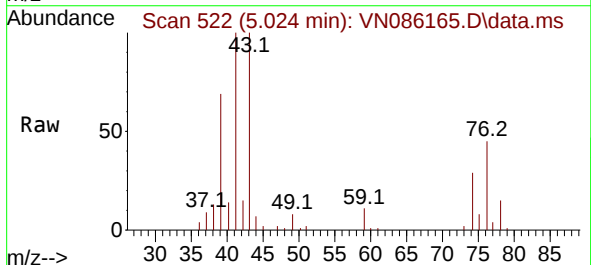
Manual Integrations
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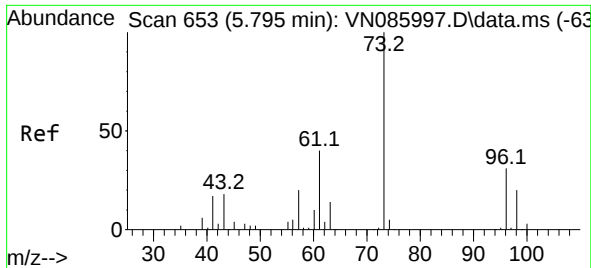
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#18
Methyl Acetate
Concen: 24.230 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

Tgt Ion: 43 Resp: 52532
Ion Ratio Lower Upper
43 100
74 27.4 23.9 35.9





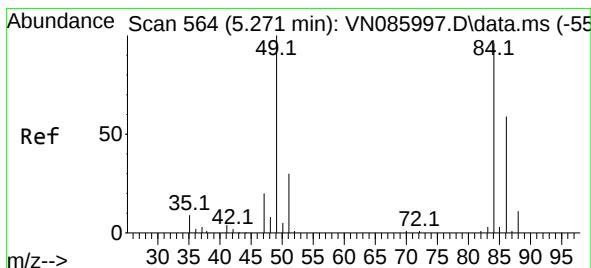
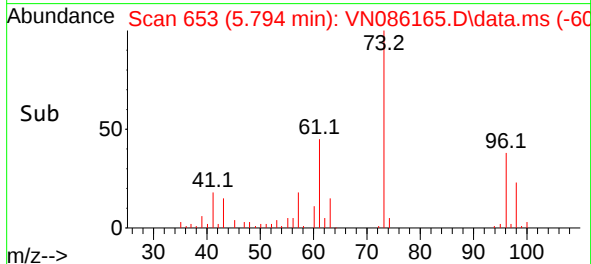
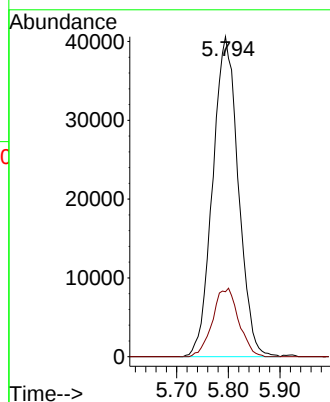
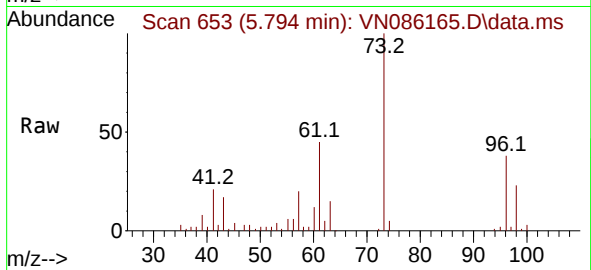
#19
Methyl tert-butyl Ether
Concen: 19.912 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

Instrument :
MSVOA_N
ClientSampleId :
VN0328MBS01

Tgt Ion: 73 Resp: 140020
Ion Ratio Lower Upper
73 100
57 20.3 16.1 24.1

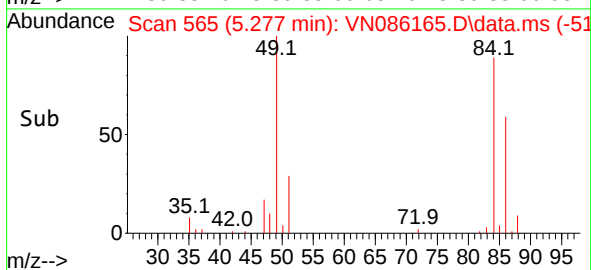
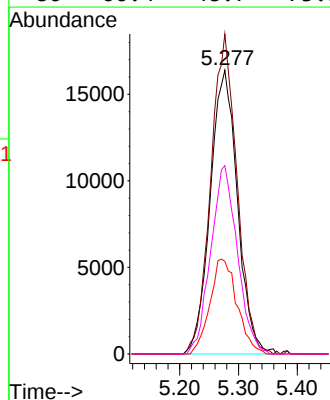
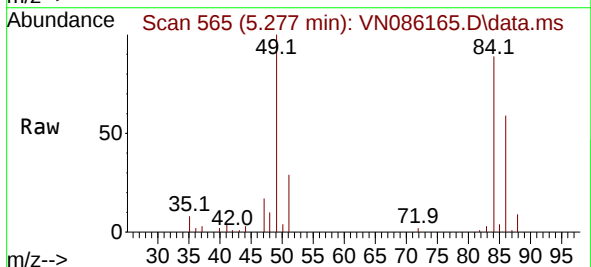
Manual Integrations
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Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#20
Methylene Chloride
Concen: 20.559 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

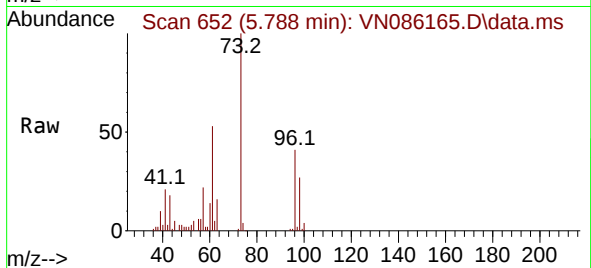
Tgt Ion: 84 Resp: 52702
Ion Ratio Lower Upper
84 100
49 112.8 83.3 124.9
51 32.7 24.8 37.2
86 66.4 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 20.701 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

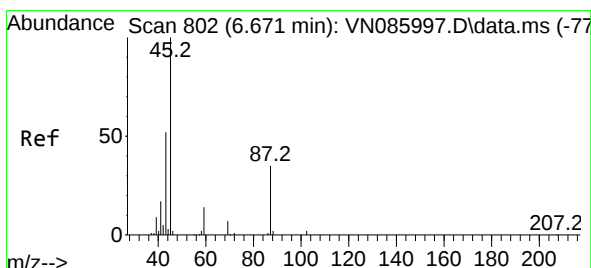
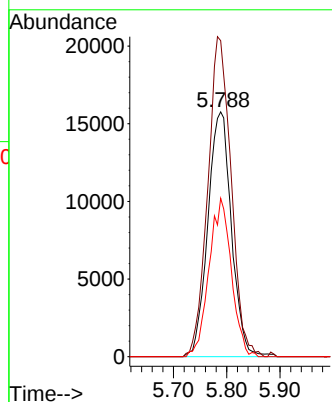
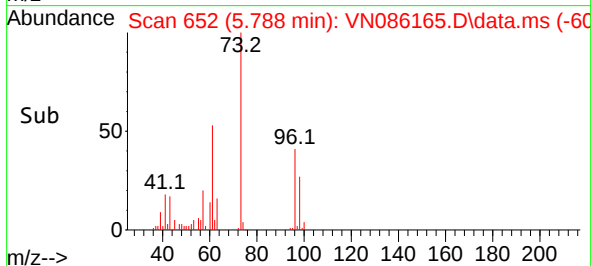
Instrument :
MSVOA_N
ClientSampleId :
VN0328MBS01



Tgt Ion: 96 Resp: 48548
Ion Ratio Lower Upper
96 100
61 129.1 106.6 160.0
98 64.7 50.0 75.0

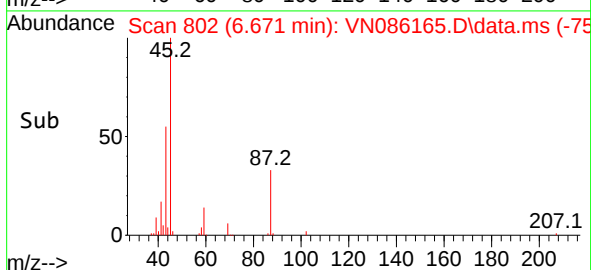
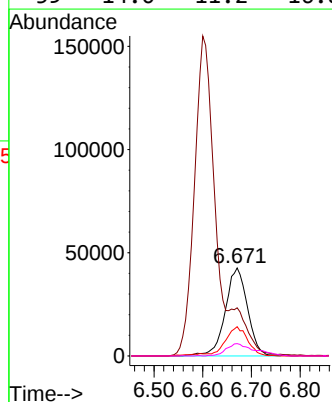
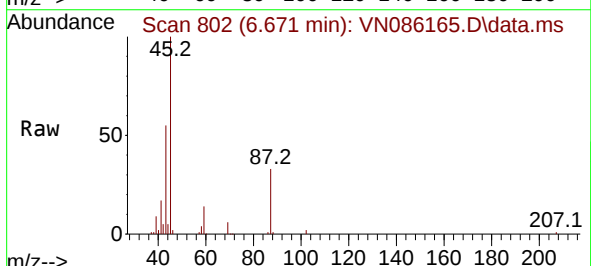
Manual Integrations
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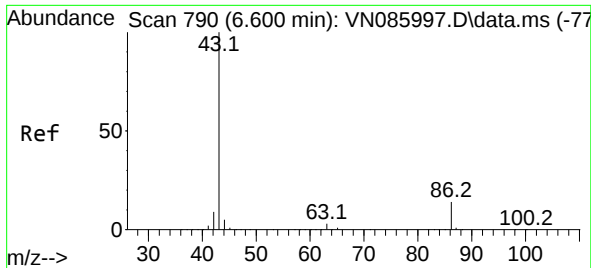
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#22
Diisopropyl ether
Concen: 23.723 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

Tgt Ion: 45 Resp: 135342
Ion Ratio Lower Upper
45 100
43 52.6 41.2 61.8
87 33.3 28.5 42.7
59 14.0 11.2 16.8





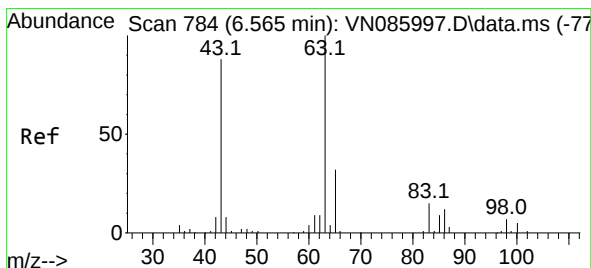
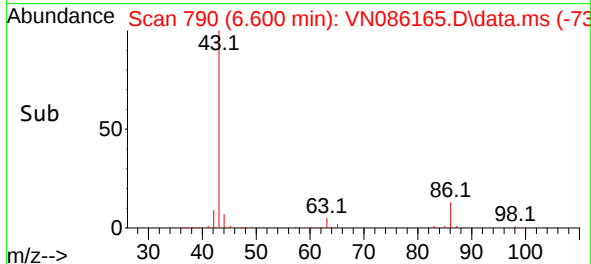
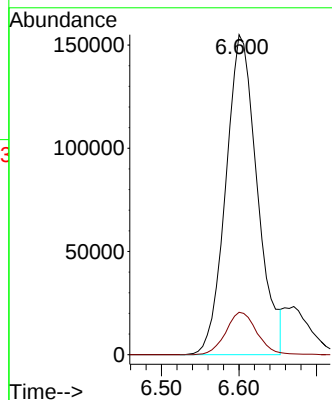
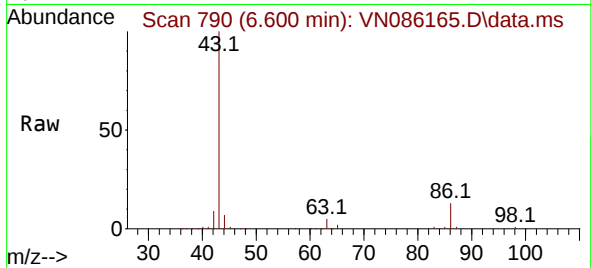
#23
 Vinyl Acetate
 Concen: 101.231 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086165.D
 Acq: 28 Mar 2025 21:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328MBS01

Tgt Ion: 43 Resp: 437799
 Ion Ratio Lower Upper
 43 100
 86 13.3 11.2 16.8

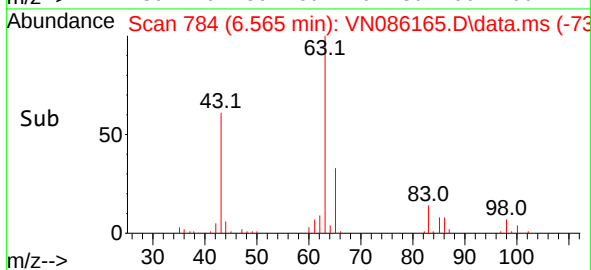
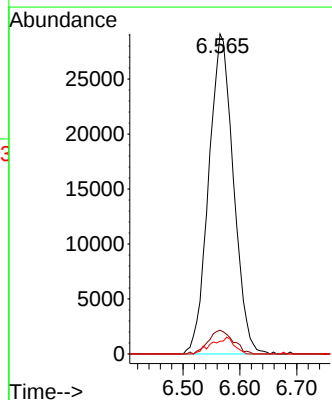
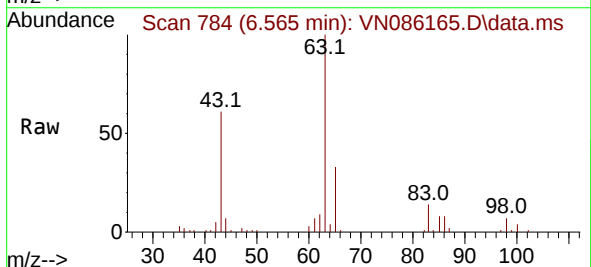
Manual Integrations
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Reviewed By :John Carlone 03/31/2025
 Supervised By :Mahesh Dadoda 03/31/2025



#24
 1,1-Dichloroethane
 Concen: 20.941 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086165.D
 Acq: 28 Mar 2025 21:06

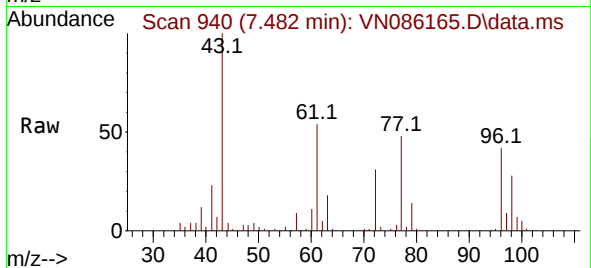
Tgt Ion: 63 Resp: 87851
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 3.9 2.5 7.5





#25
2-Butanone
Concen: 98.259 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

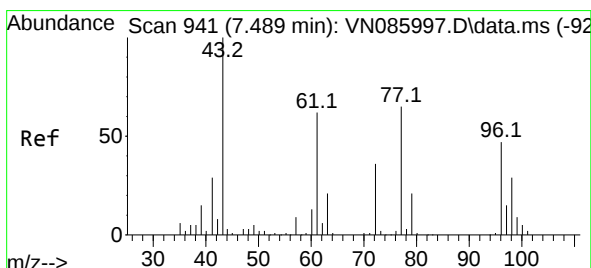
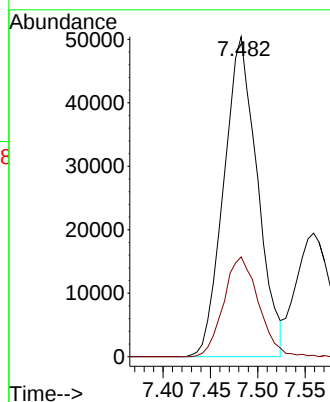
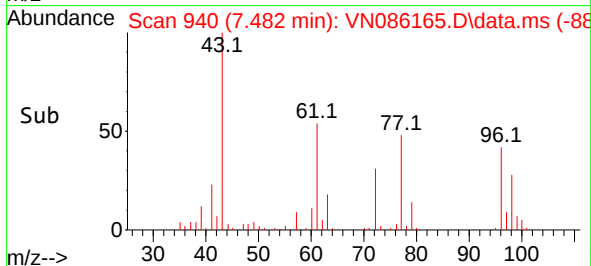
Instrument :
MSVOA_N
ClientSampleId :
VN0328MBS01



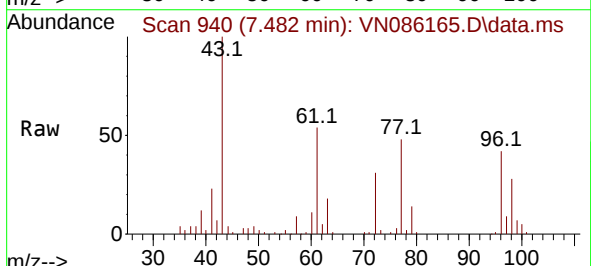
Tgt Ion: 43 Resp: 124240
Ion Ratio Lower Upper
43 100
72 31.2 27.4 41.0

Manual Integrations
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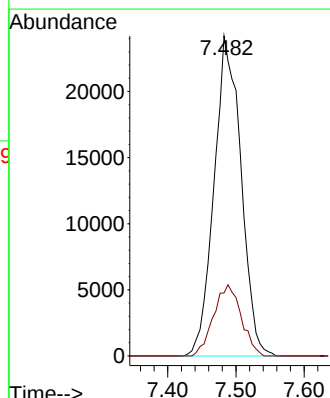
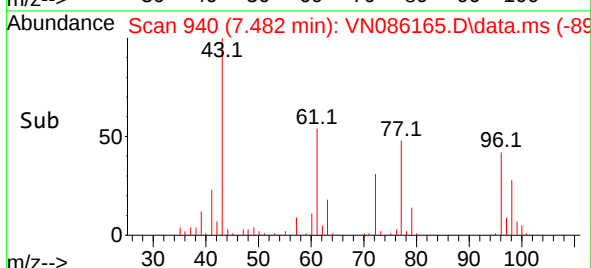
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#26
2,2-Dichloropropane
Concen: 16.442 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06



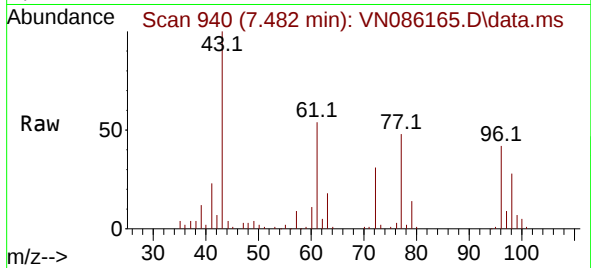
Tgt Ion: 77 Resp: 66408
Ion Ratio Lower Upper
77 100
97 22.8 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 20.849 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086165.D
 Acq: 28 Mar 2025 21:06

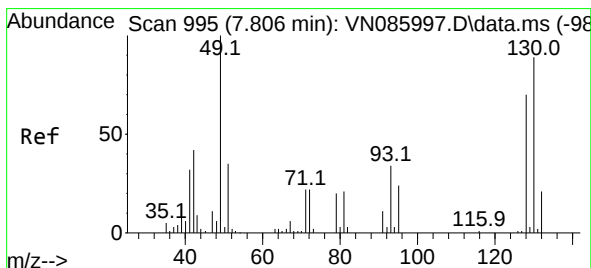
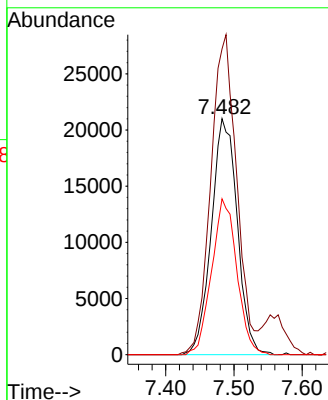
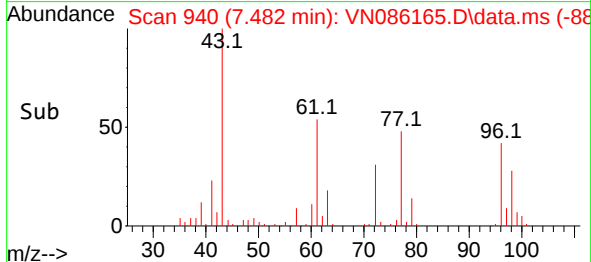
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328MBS01



Tgt Ion: 96 Resp: 5556
 Ion Ratio Lower Upper
 96 100
 61 136.4 0.0 272.8
 98 64.3 0.0 124.8

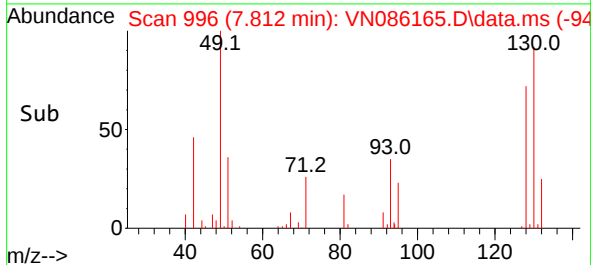
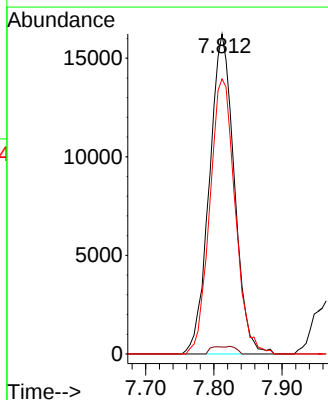
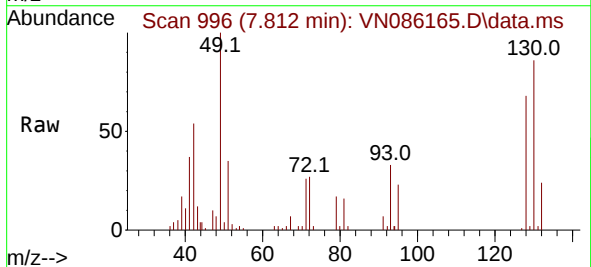
Manual Integrations
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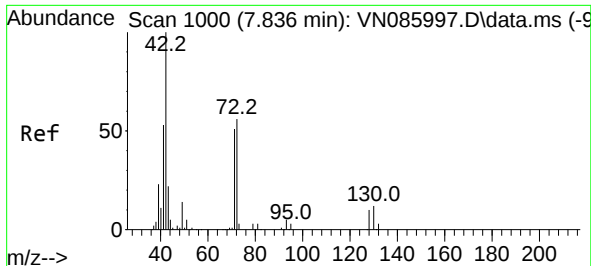
Reviewed By :John Carlone 03/31/2025
 Supervised By :Mahesh Dadoda 03/31/2025



#28
 Bromochloromethane
 Concen: 23.209 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086165.D
 Acq: 28 Mar 2025 21:06

Tgt Ion: 49 Resp: 41252
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.2
 130 87.1 74.2 111.4





#29

Tetrahydrofuran

Concen: 108.306 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086165.D

Acq: 28 Mar 2025 21:06

Instrument :

MSVOA_N

ClientSampleId :

VN0328MBS01

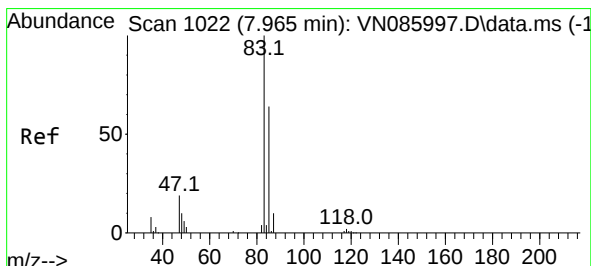
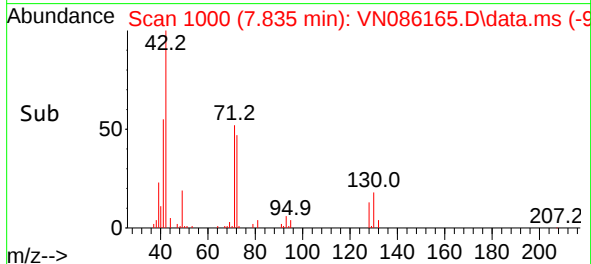
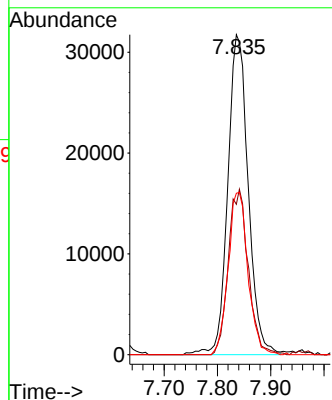
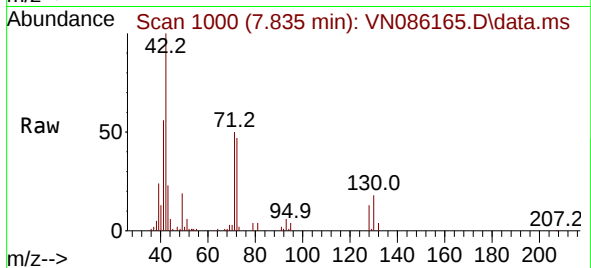
Tgt Ion:	42	Resp:	8454
Ion Ratio	Lower	Upper	
42	100		
72	50.7	45.0	67.4
71	49.1	41.9	62.9

Manual Integrations

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Reviewed By :John Carlone 03/31/2025

Supervised By :Mahesh Dadoda 03/31/2025



#30

Chloroform

Concen: 20.618 ug/l

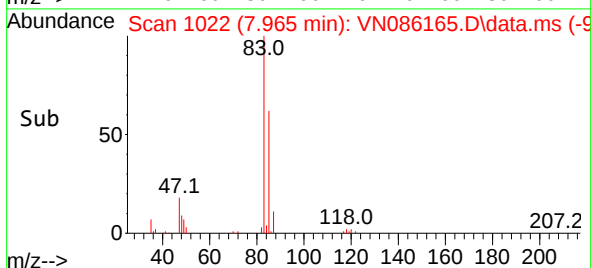
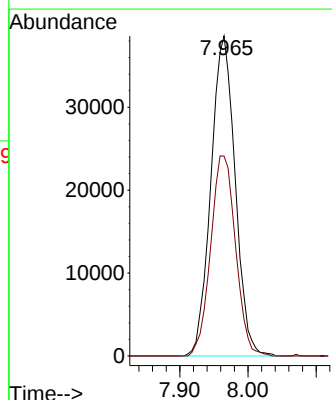
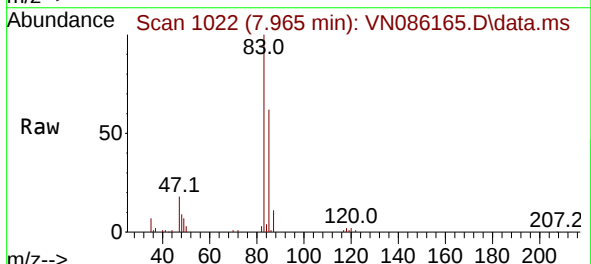
RT: 7.965 min Scan# 1022

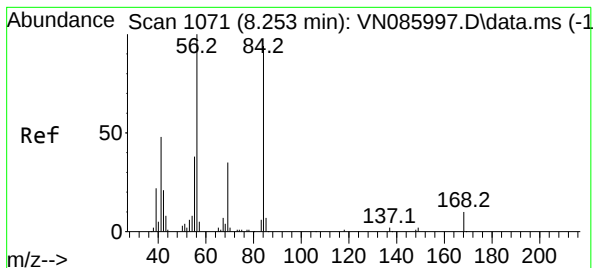
Delta R.T. -0.000 min

Lab File: VN086165.D

Acq: 28 Mar 2025 21:06

Tgt Ion:	83	Resp:	95608
Ion Ratio	Lower	Upper	
83	100		
85	62.5	51.5	77.3





#31

Cyclohexane

Concen: 19.252 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN086165.D

Acq: 28 Mar 2025 21:06

Instrument :

MSVOA_N

ClientSampleId :

VN0328MBS01

Tgt Ion: 56 Resp: 6880

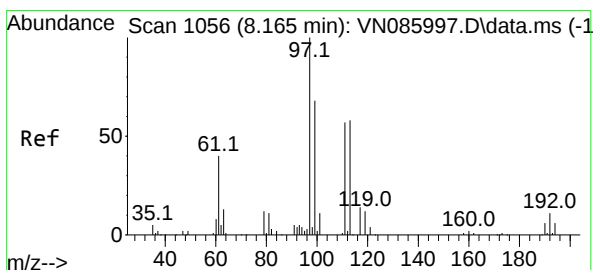
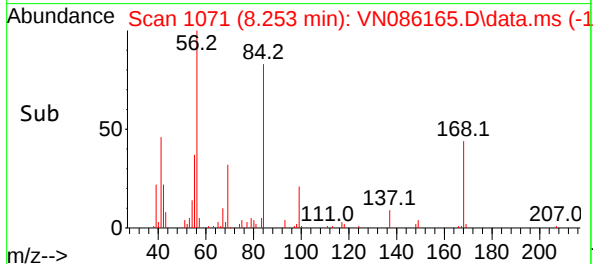
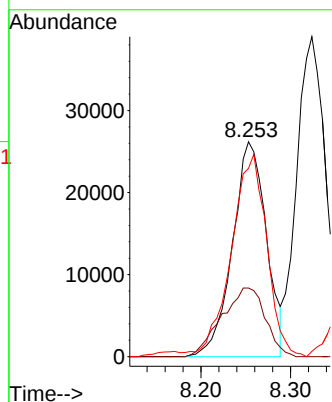
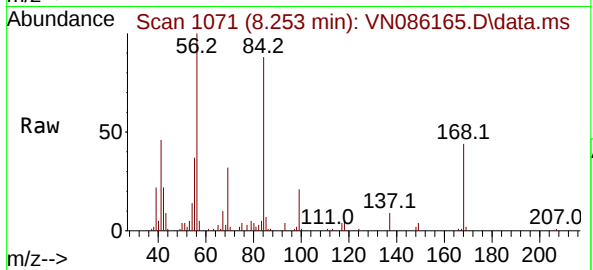
Ion	Ratio	Lower	Upper
56	100		
69	31.9	28.0	42.0
84	85.7	75.0	112.6

Manual Integrations

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Reviewed By :John Carlone 03/31/2025

Supervised By :Mahesh Dadoda 03/31/2025



#32

1,1,1-Trichloroethane

Concen: 19.734 ug/l

RT: 8.165 min Scan# 1056

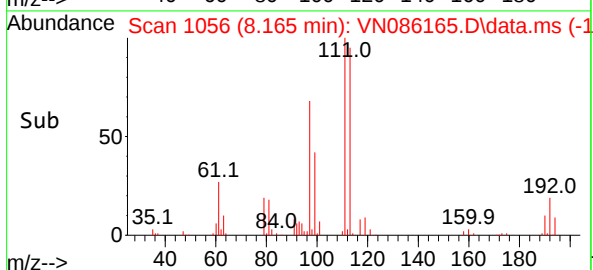
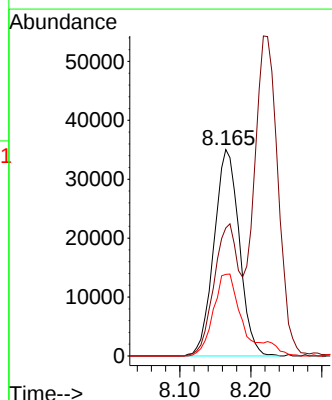
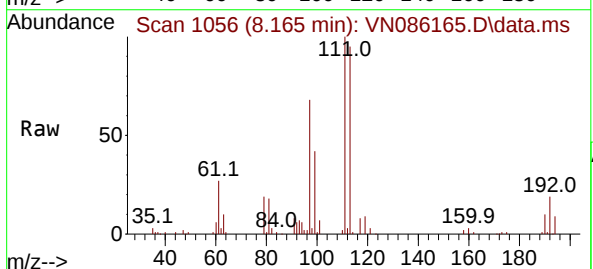
Delta R.T. -0.000 min

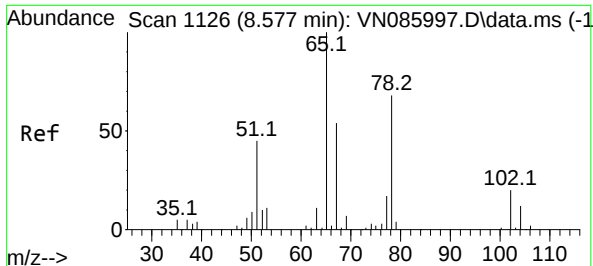
Lab File: VN086165.D

Acq: 28 Mar 2025 21:06

Tgt Ion: 97 Resp: 86622

Ion	Ratio	Lower	Upper
97	100		
99	63.0	52.8	79.2
61	46.5	33.6	50.4





#33

1,2-Dichloroethane-d4

Concen: 48.235 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086165.D

Acq: 28 Mar 2025 21:06

Instrument :

MSVOA_N

ClientSampleId :

VN0328MBS01

Tgt Ion: 65 Resp: 138349

Ion Ratio Lower Upper

65 100

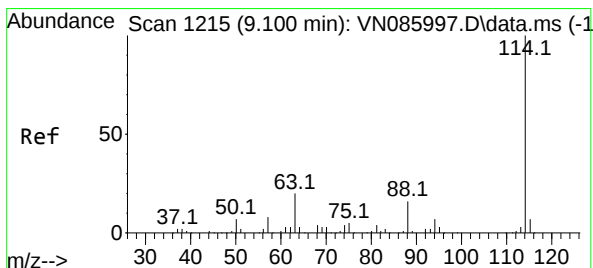
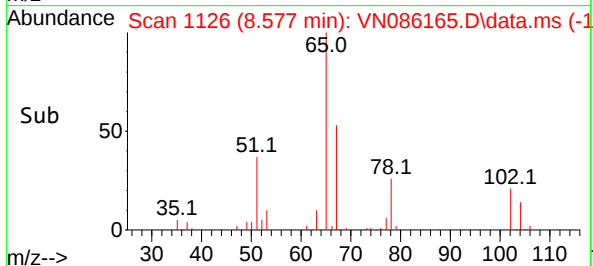
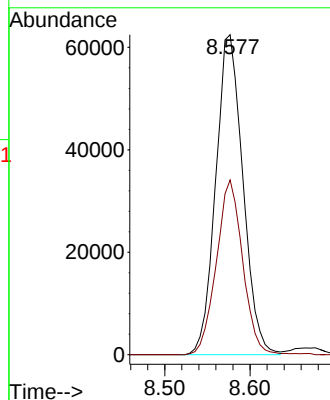
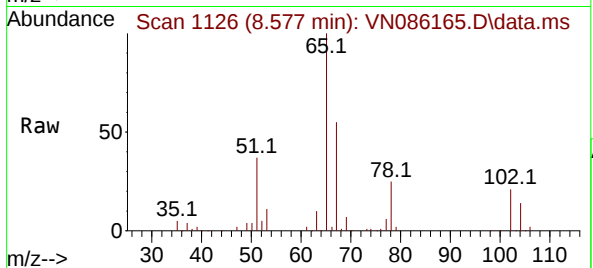
67 53.0 0.0 102.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2025

Supervised By :Mahesh Dadoda 03/31/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086165.D

Acq: 28 Mar 2025 21:06

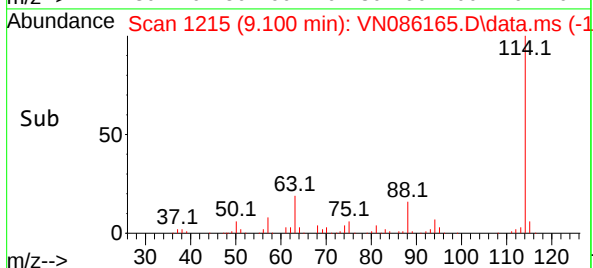
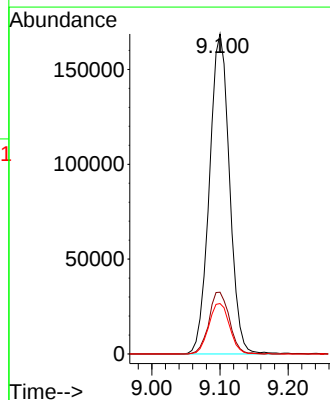
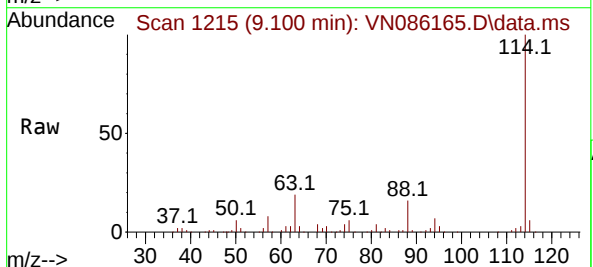
Tgt Ion:114 Resp: 346170

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

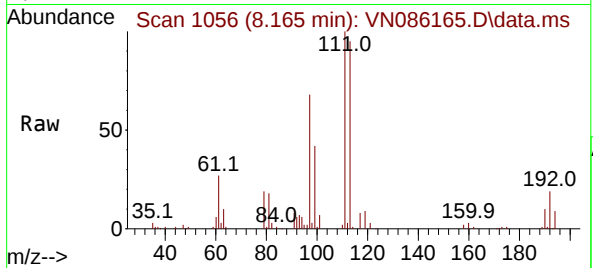
88 15.8 0.0 32.6





#35
Dibromofluoromethane
Concen: 49.042 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

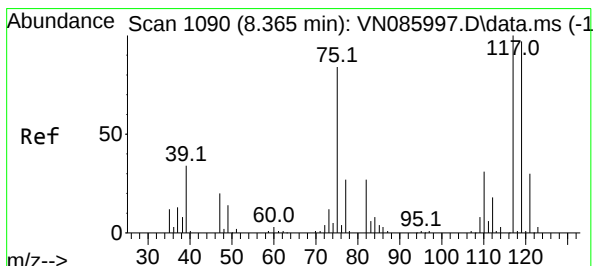
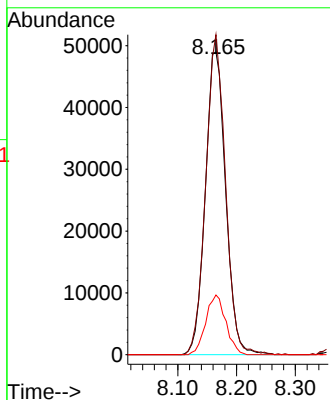
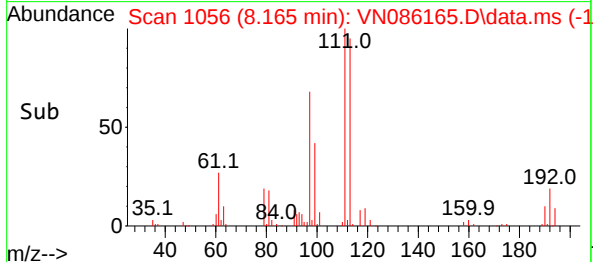
Instrument :
MSVOA_N
ClientSampleId :
VN0328MBS01



Tgt Ion: 113 Resp: 11849
Ion Ratio Lower Upper
113 100
111 101.9 81.8 122.8
192 19.3 15.9 23.9

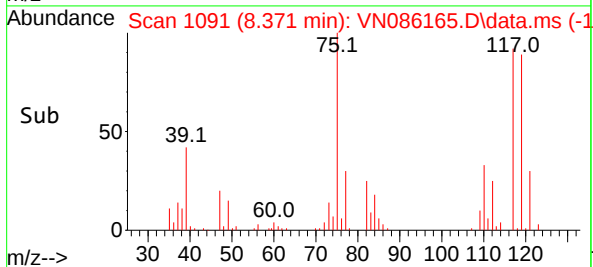
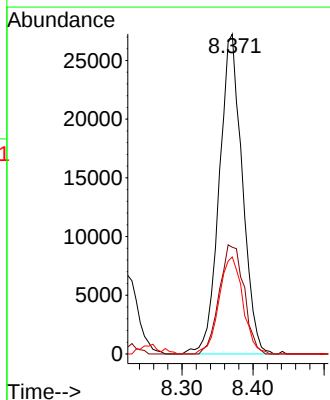
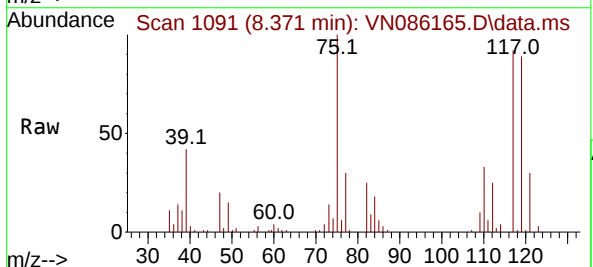
Manual Integrations
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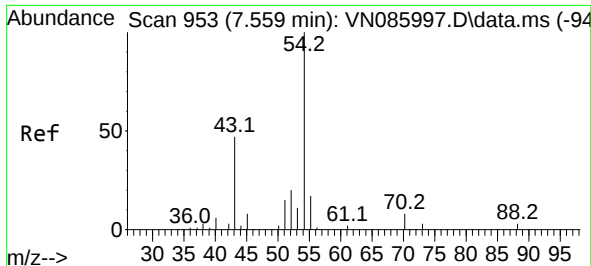
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#36
1,1-Dichloropropene
Concen: 19.218 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

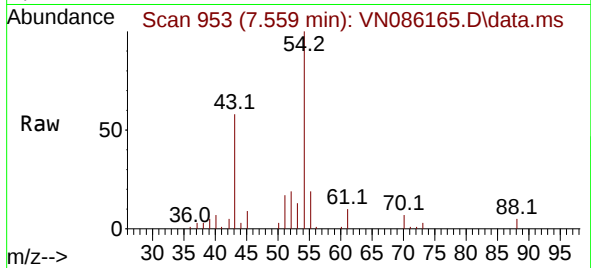
Tgt Ion: 75 Resp: 61144
Ion Ratio Lower Upper
75 100
110 36.6 17.8 53.3
77 31.5 25.0 37.4





#37
Ethyl Acetate
Concen: 19.088 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

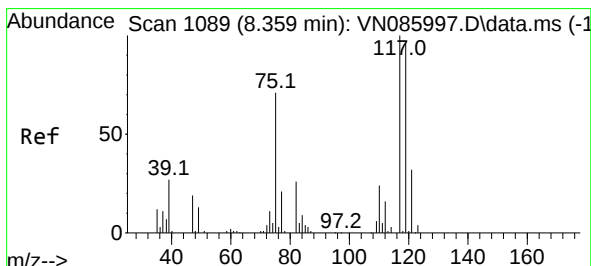
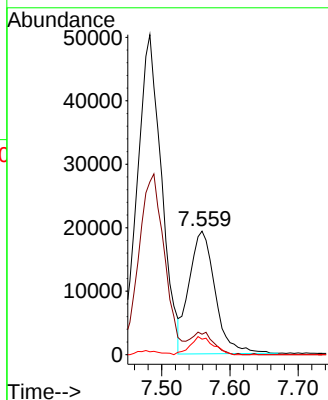
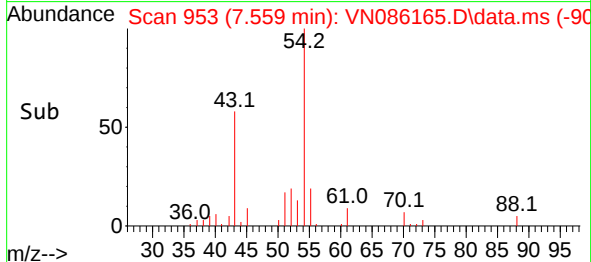
Instrument :
MSVOA_N
ClientSampleId :
VN0328MBS01



Tgt Ion: 43 Resp: 5123
Ion Ratio Lower Upper
43 100
61 15.5 13.0 19.4
70 12.9 11.0 16.6

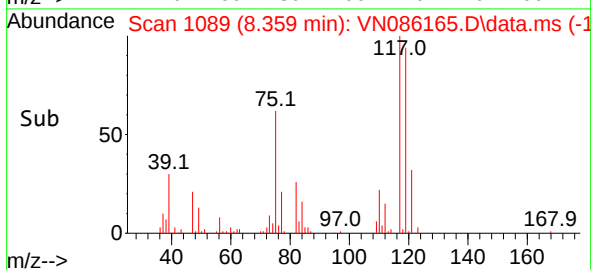
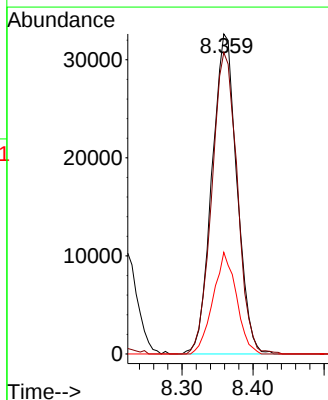
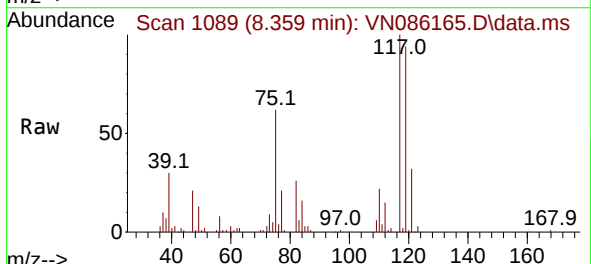
Manual Integrations
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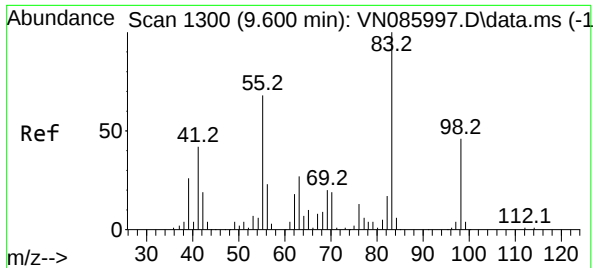
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#38
Carbon Tetrachloride
Concen: 19.017 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

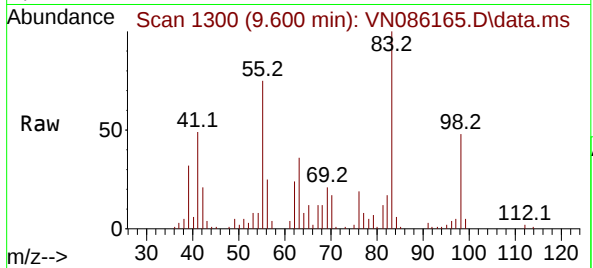
Tgt Ion:117 Resp: 79553
Ion Ratio Lower Upper
117 100
119 94.2 77.0 115.4
121 31.8 25.6 38.4





#39
Methylcyclohexane
Concen: 17.032 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

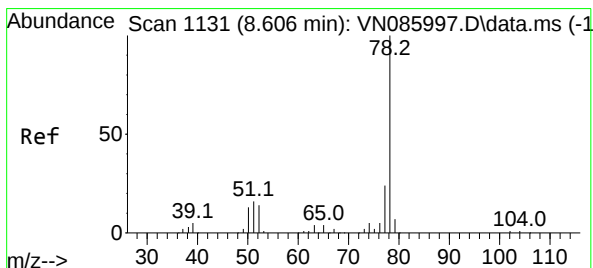
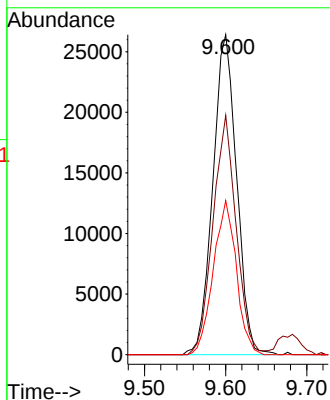
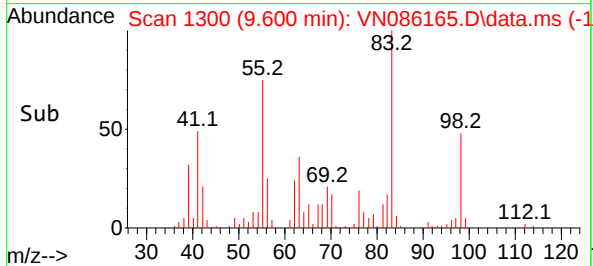
Instrument :
MSVOA_N
ClientSampleId :
VN0328MBS01



Tgt Ion: 83 Resp: 5376
Ion Ratio Lower Upper
83 100
55 74.8 54.2 81.2
98 48.2 37.1 55.7

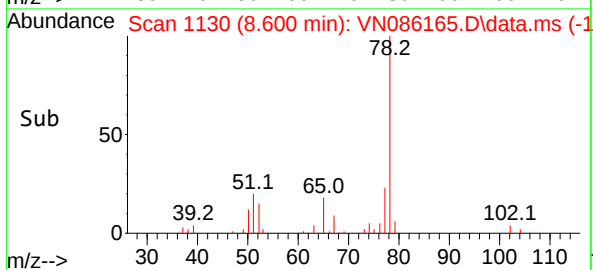
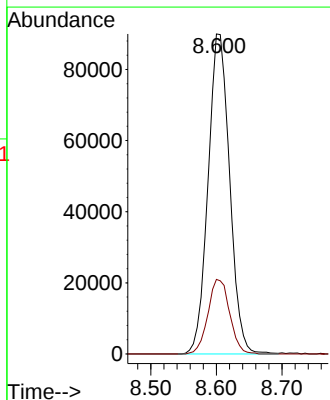
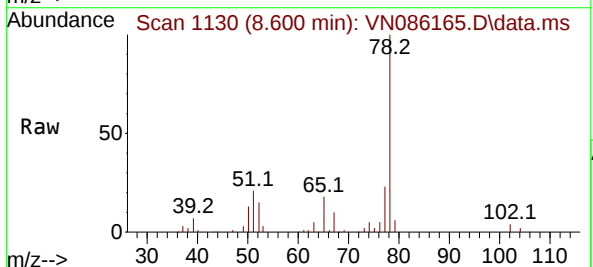
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#40
Benzene
Concen: 20.586 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

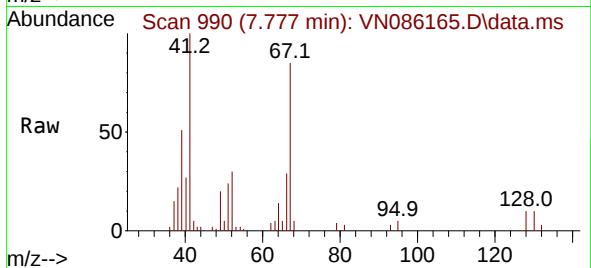
Tgt Ion: 78 Resp: 205604
Ion Ratio Lower Upper
78 100
77 23.3 18.9 28.3





#41
Methacrylonitrile
Concen: 22.447 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

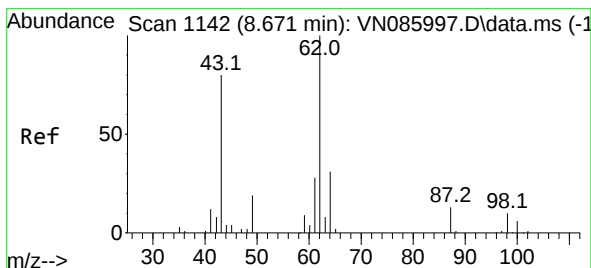
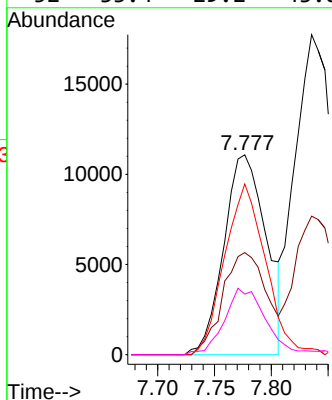
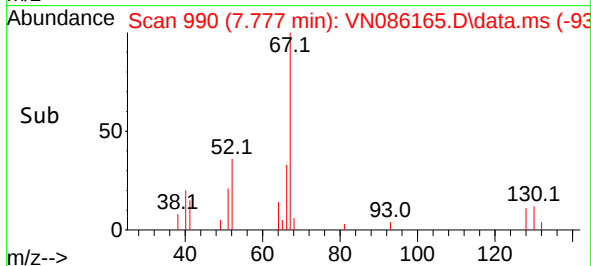
Instrument :
MSVOA_N
ClientSampleId :
VN0328MBS01



Tgt Ion: 41 Resp: 28770
Ion Ratio Lower Upper
41 100
39 52.8 46.2 69.2
67 82.5 75.9 113.9
52 33.4 29.2 43.8

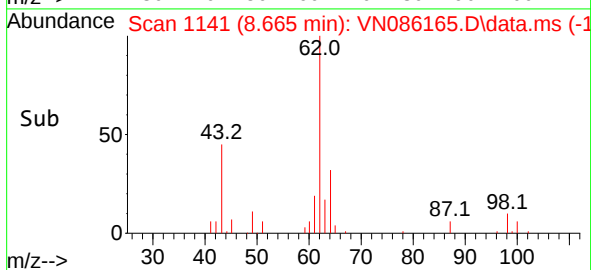
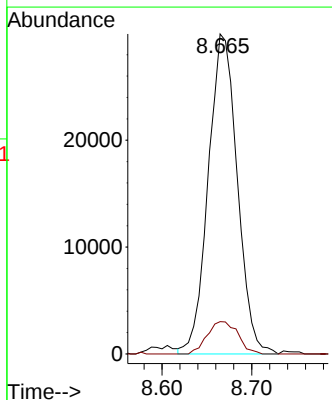
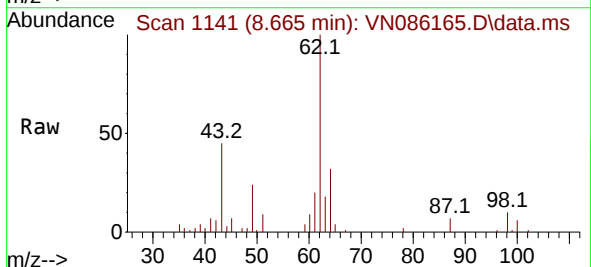
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#42
1,2-Dichloroethane
Concen: 19.310 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

Tgt Ion: 62 Resp: 67202
Ion Ratio Lower Upper
62 100
98 10.7 0.0 18.6





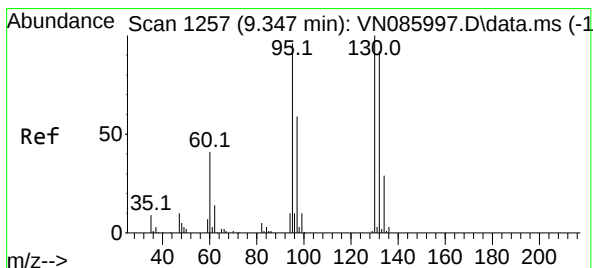
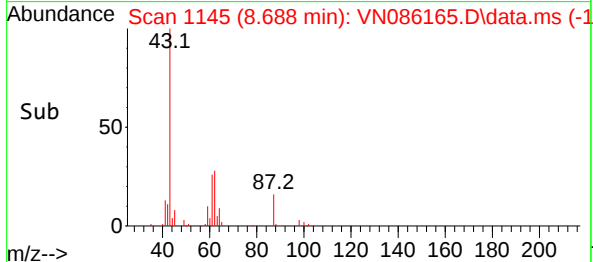
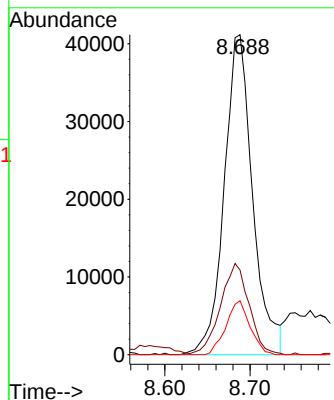
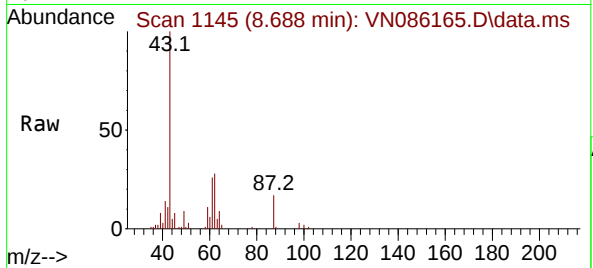
#43
Isopropyl Acetate
Concen: 16.438 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

Instrument :
MSVOA_N
ClientSampleId :
VN0328MBS01

Tgt Ion: 43 Resp: 95600
Ion Ratio Lower Upper
43 100
61 28.6 25.0 37.6
87 14.2 13.0 19.4

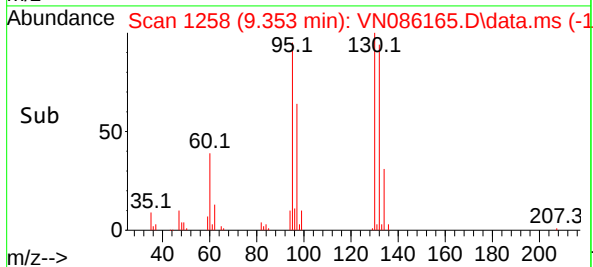
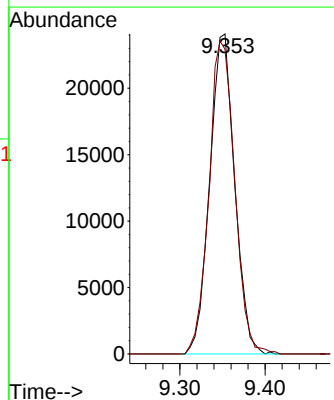
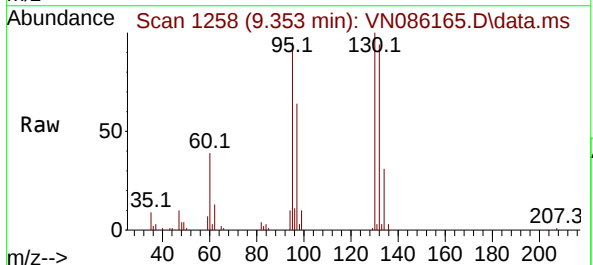
Manual Integrations
APPROVED

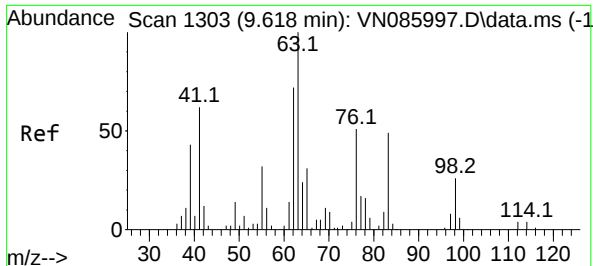
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#44
Trichloroethene
Concen: 18.883 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

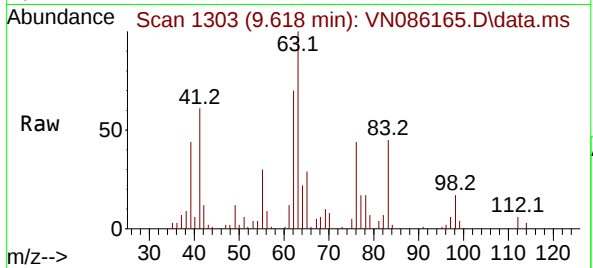
Tgt Ion:130 Resp: 48879
Ion Ratio Lower Upper
130 100
95 95.2 0.0 191.6





#45
1,2-Dichloropropane
Concen: 21.946 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

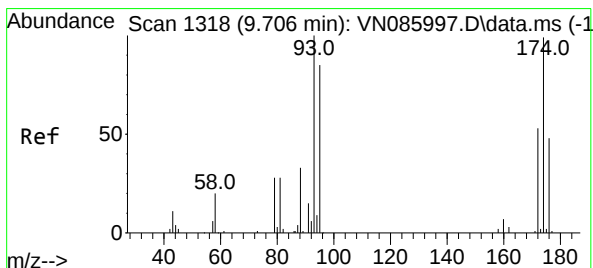
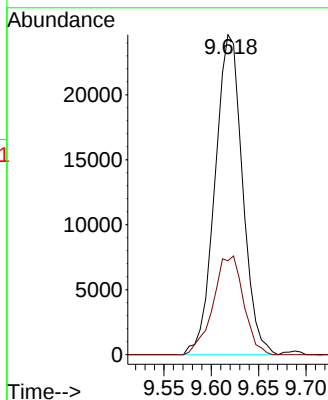
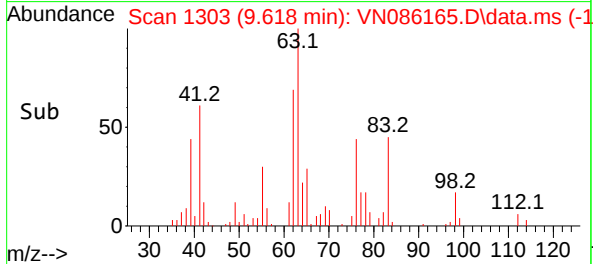
Instrument :
MSVOA_N
ClientSampleId :
VN0328MBS01



Tgt Ion: 63 Resp: 4985
Ion Ratio Lower Upper
63 100
65 29.4 24.7 37.1

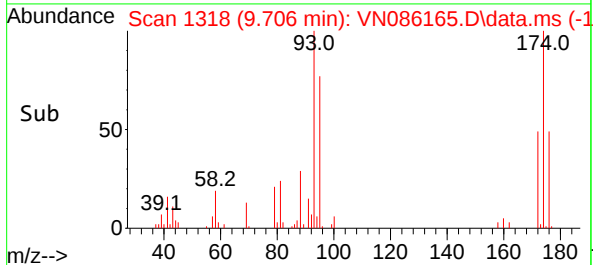
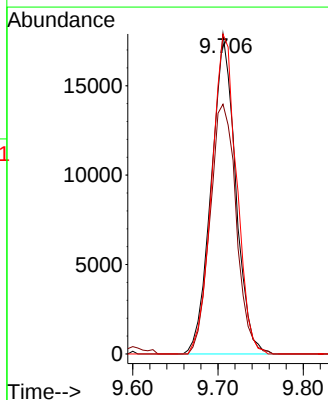
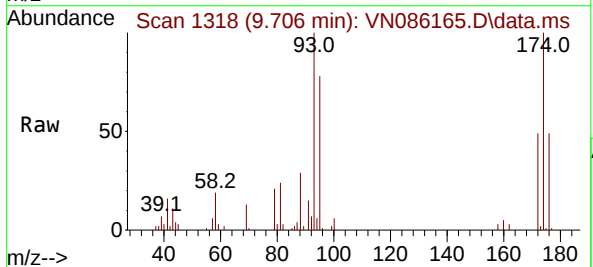
Manual Integrations
APPROVED

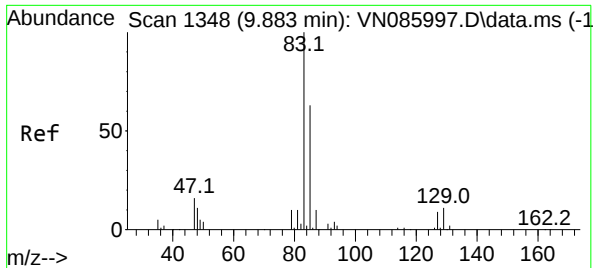
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#46
Dibromomethane
Concen: 19.815 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

Tgt Ion: 93 Resp: 35400
Ion Ratio Lower Upper
93 100
95 84.0 66.2 99.2
174 101.6 80.1 120.1





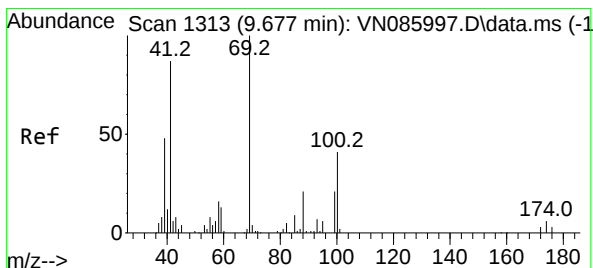
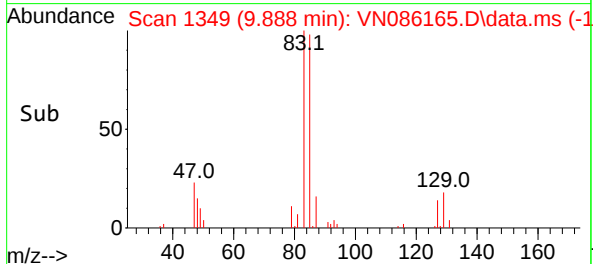
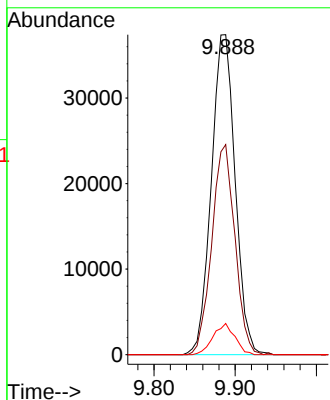
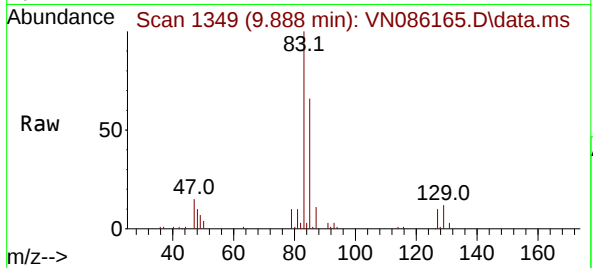
#47
Bromodichloromethane
Concen: 20.434 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

Instrument :
MSVOA_N
ClientSampleId :
VN0328MBS01

Tgt Ion: 83 Resp: 76290
Ion Ratio Lower Upper
83 100
85 65.6 50.2 75.2
127 9.7 7.1 10.7

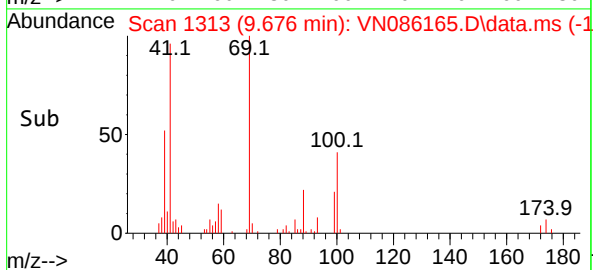
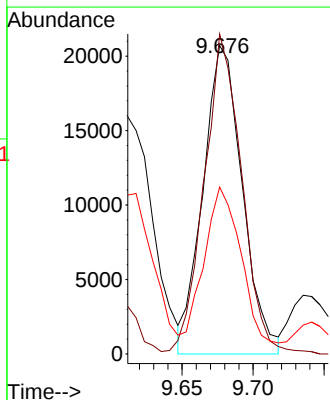
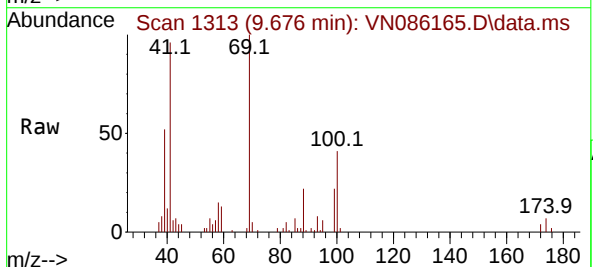
Manual Integrations
APPROVED

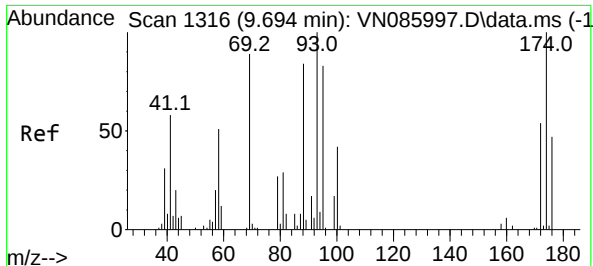
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#48
Methyl methacrylate
Concen: 20.766 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

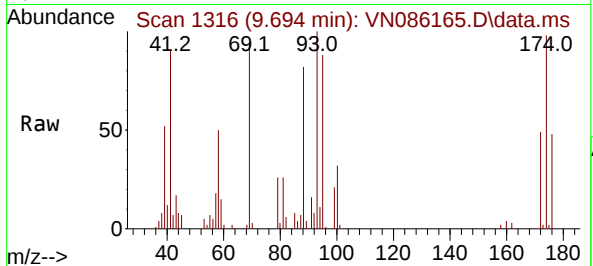
Tgt Ion: 41 Resp: 39857
Ion Ratio Lower Upper
41 100
69 99.3 83.1 124.7
39 53.8 45.6 68.4





#49
1,4-Dioxane
Concen: 399.498 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

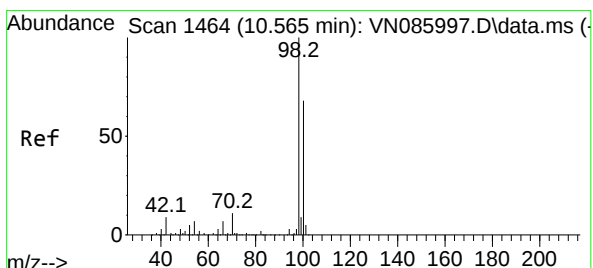
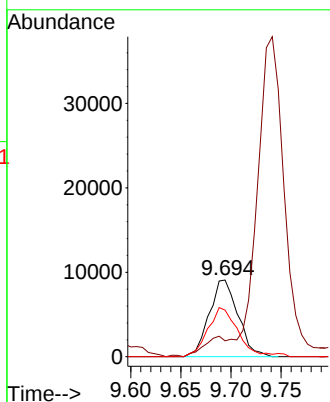
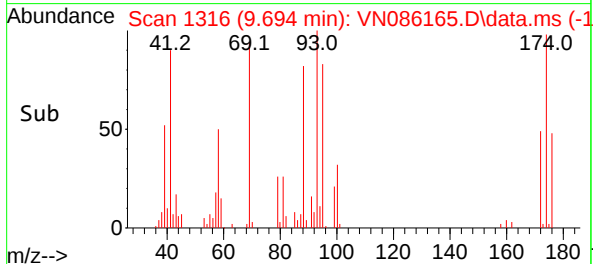
Instrument :
MSVOA_N
ClientSampleId :
VN0328MBS01



Tgt Ion: 88 Resp: 18120
Ion Ratio Lower Upper
88 100
43 20.3 21.7 32.5
58 67.6 50.4 75.6

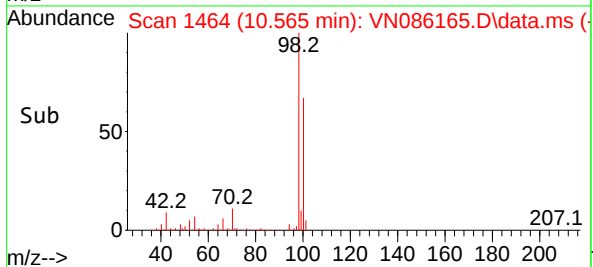
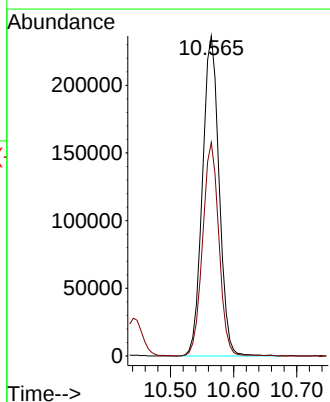
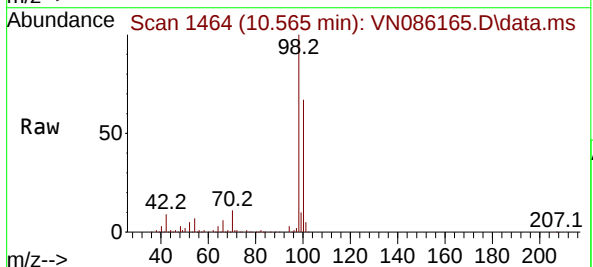
Manual Integrations
APPROVED

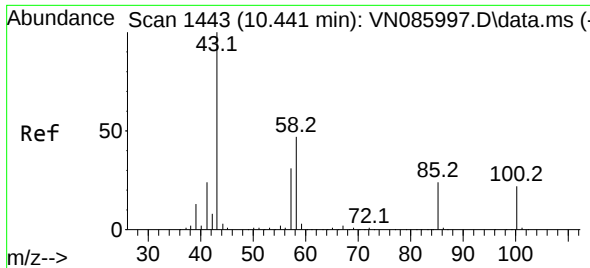
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#50
Toluene-d8
Concen: 49.332 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

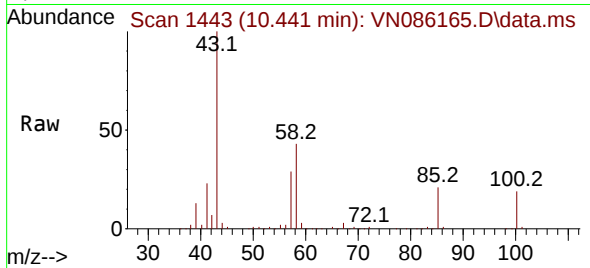
Tgt Ion: 98 Resp: 432605
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 104.028 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

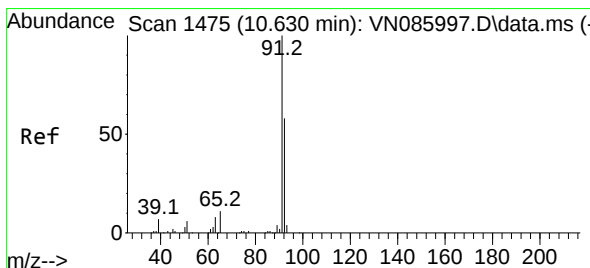
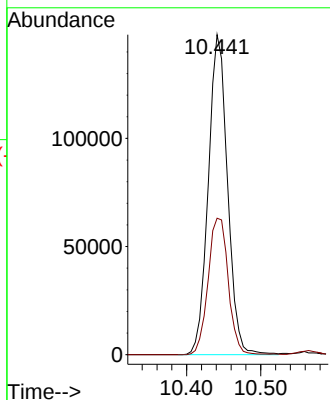
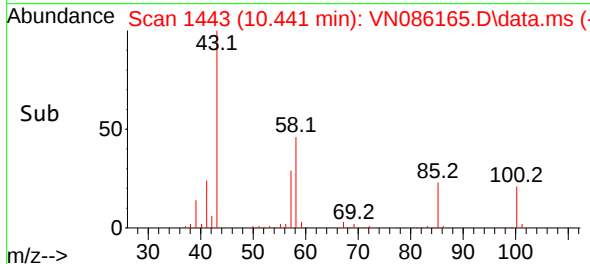
Instrument :
MSVOA_N
ClientSampleId :
VN0328MBS01



Tgt Ion: 43 Resp: 266849
Ion Ratio Lower Upper
43 100
58 44.8 37.4 56.0

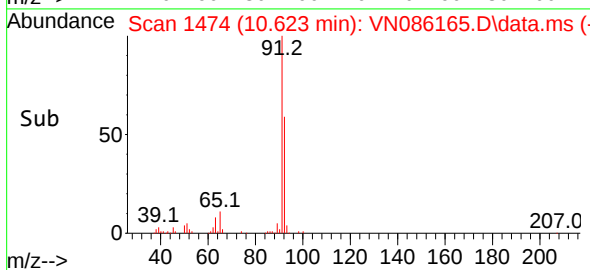
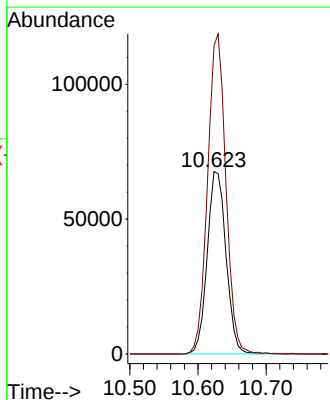
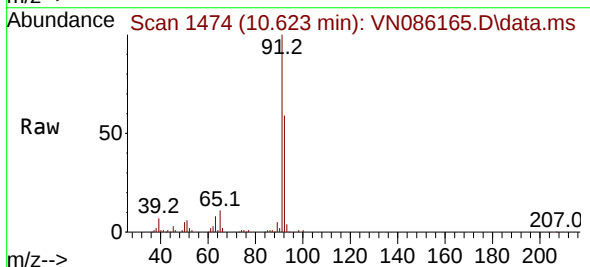
Manual Integrations
APPROVED

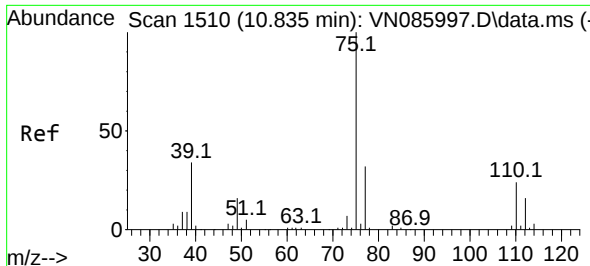
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#52
Toluene
Concen: 21.188 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

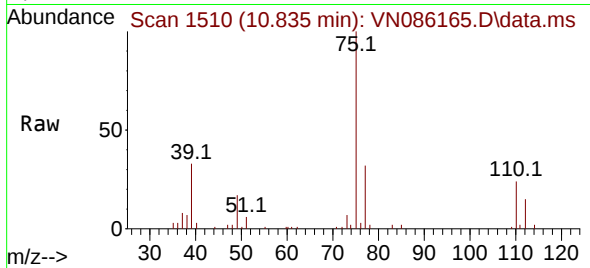
Tgt Ion: 92 Resp: 129884
Ion Ratio Lower Upper
92 100
91 170.7 136.2 204.4





#53
t-1,3-Dichloropropene
Concen: 19.489 ug/l
RT: 10.835 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

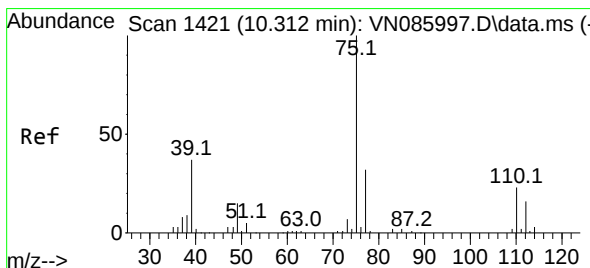
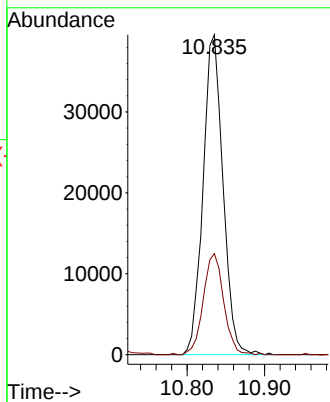
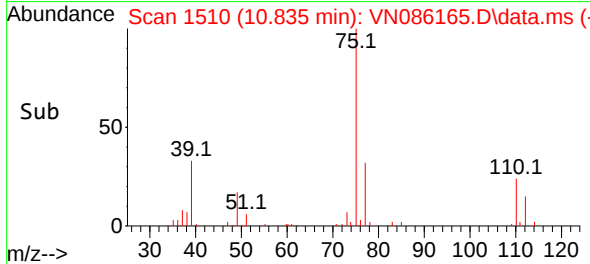
Instrument :
MSVOA_N
ClientSampleId :
VN0328MBS01



Tgt Ion: 75 Resp: 70669
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9

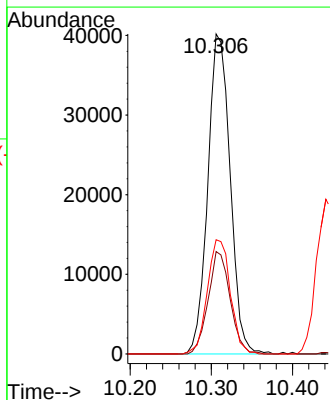
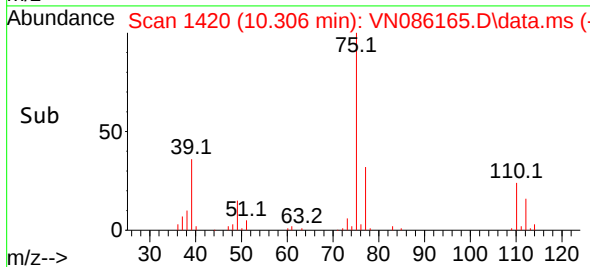
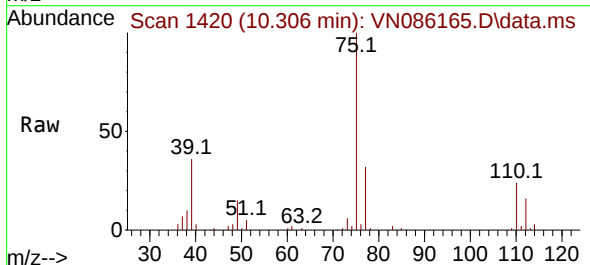
Manual Integrations
APPROVED

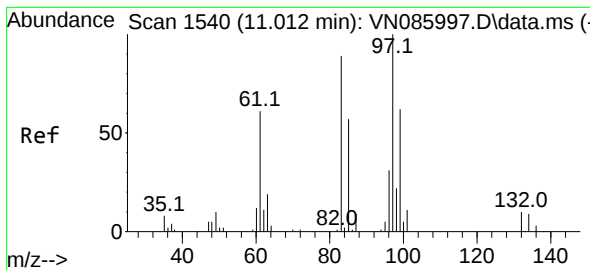
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#54
cis-1,3-Dichloropropene
Concen: 20.065 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

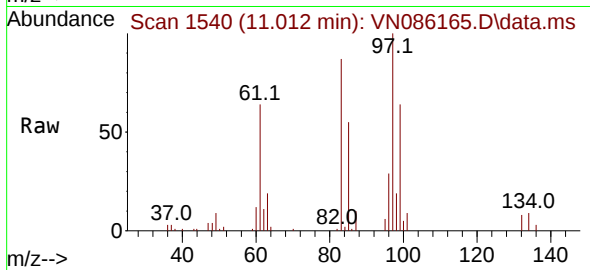
Tgt Ion: 75 Resp: 76762
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9
39 35.7 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 21.391 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

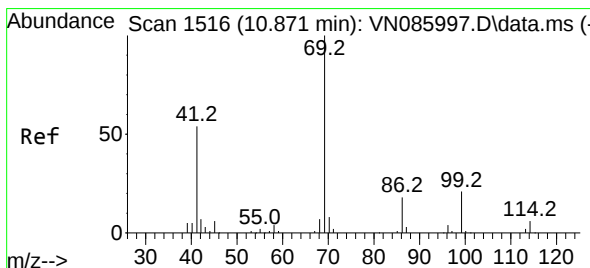
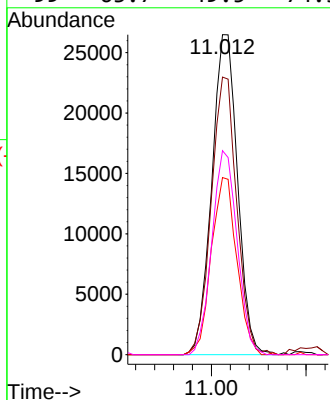
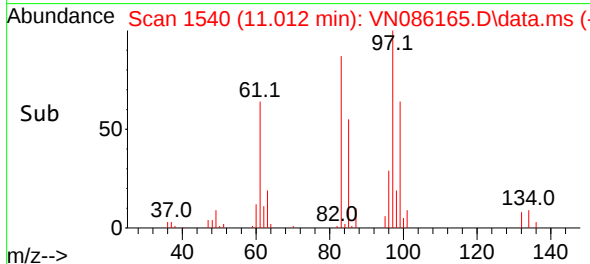
Instrument :
MSVOA_N
ClientSampleId :
VN0328MBS01



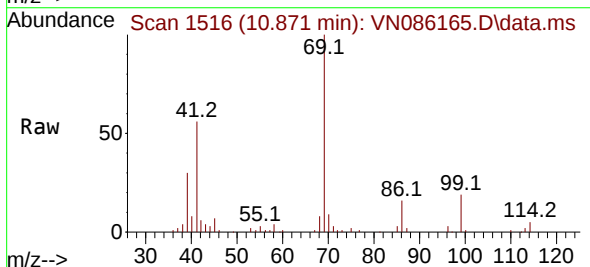
Tgt Ion: 97 Resp: 50048
Ion Ratio Lower Upper
97 100
83 86.7 71.2 106.8
85 55.3 45.4 68.0
99 63.7 49.5 74.3

Manual Integrations
APPROVED

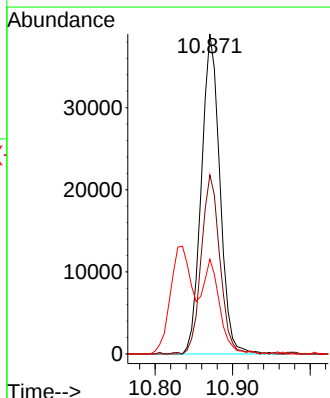
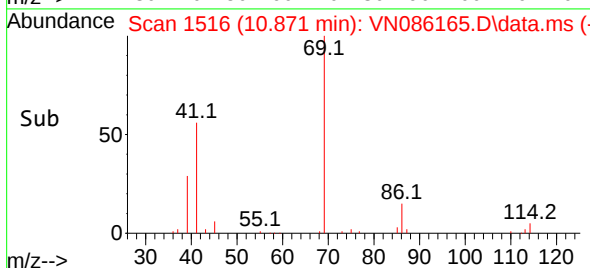
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

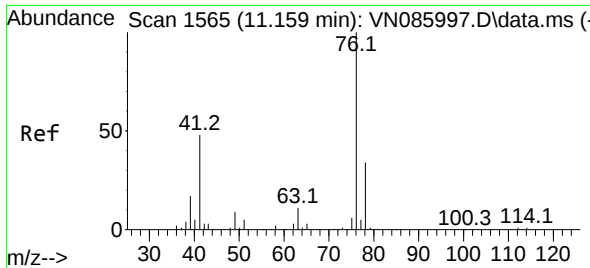


#56
Ethyl methacrylate
Concen: 20.175 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.001 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06



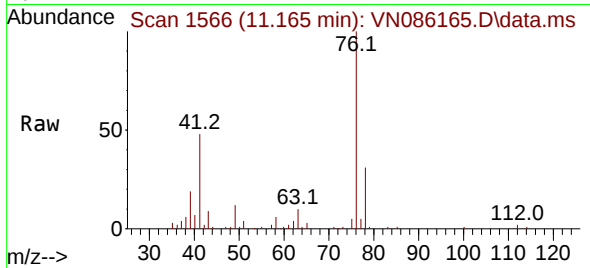
Tgt Ion: 69 Resp: 64572
Ion Ratio Lower Upper
69 100
41 56.4 41.6 62.4
39 28.1 21.8 32.8





#57
1,3-Dichloropropane
Concen: 20.308 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

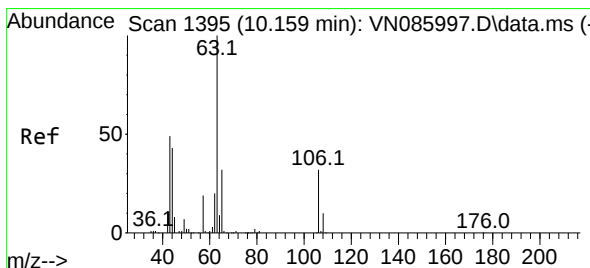
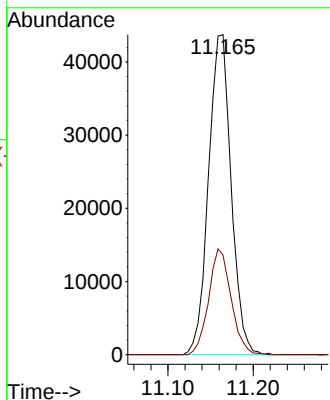
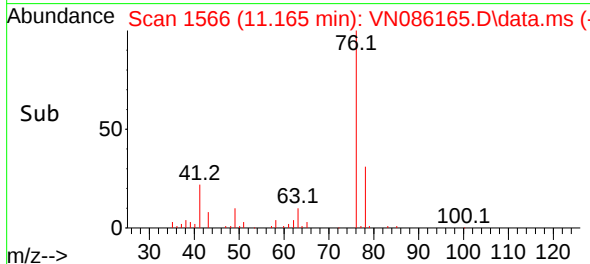
Instrument :
MSVOA_N
ClientSampleId :
VN0328MBS01



Tgt Ion: 76 Resp: 8070
Ion Ratio Lower Upper
76 100
78 32.8 25.8 38.6

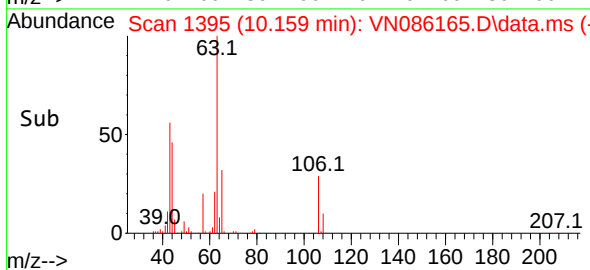
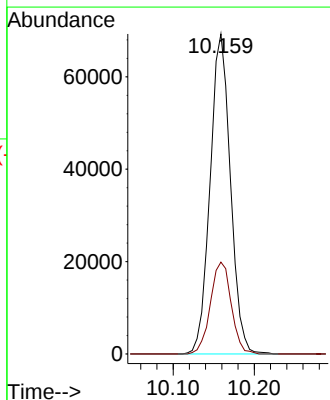
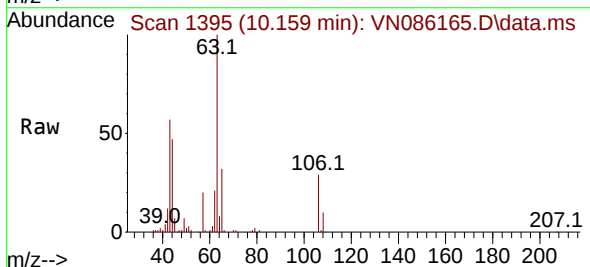
Manual Integrations
APPROVED

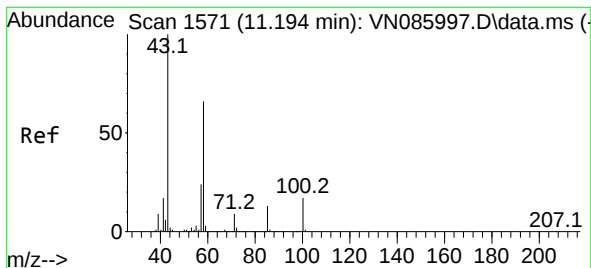
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#58
2-Chloroethyl Vinyl ether
Concen: 99.892 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

Tgt Ion: 63 Resp: 120439
Ion Ratio Lower Upper
63 100
106 29.4 25.0 37.6





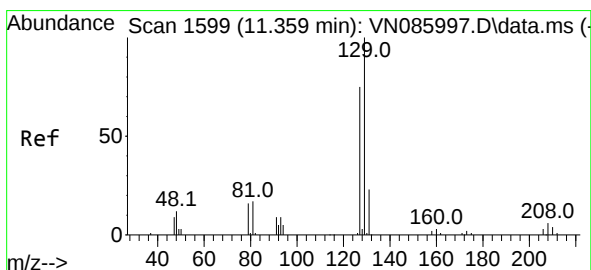
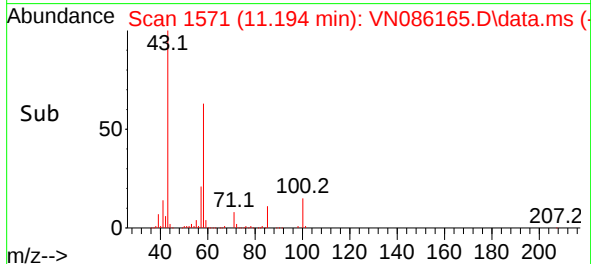
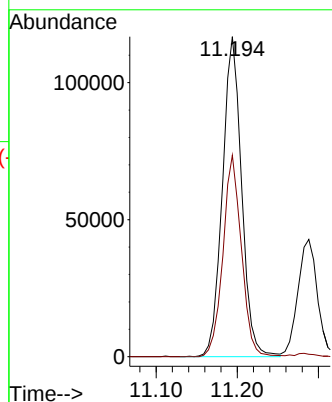
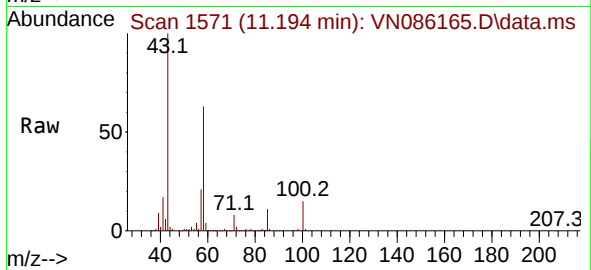
#59
2-Hexanone
Concen: 102.747 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

Instrument :
MSVOA_N
ClientSampleId :
VN0328MBS01

Tgt Ion: 43 Resp: 19200
Ion Ratio Lower Upper
43 100
58 60.5 32.4 97.2

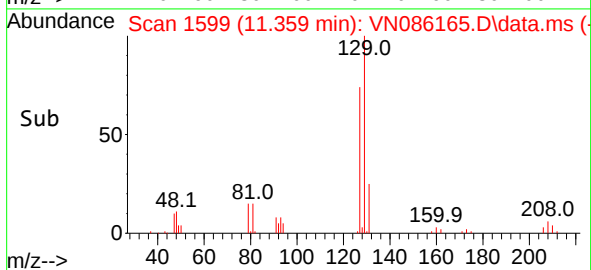
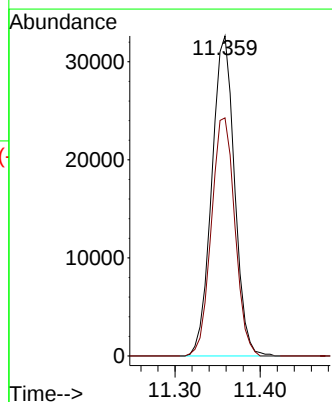
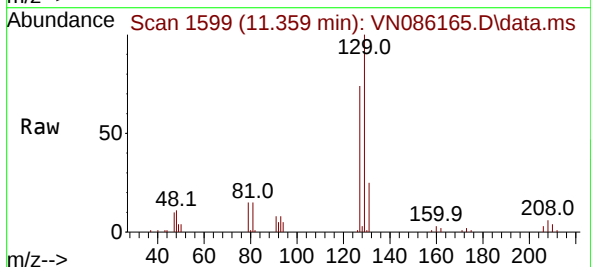
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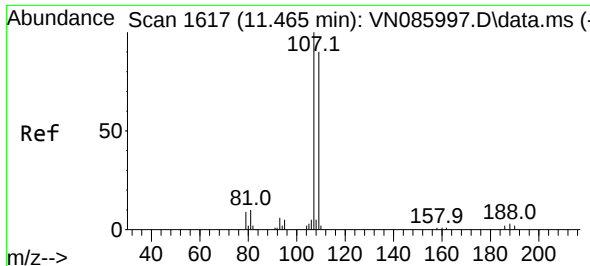
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#60
Dibromochloromethane
Concen: 20.048 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

Tgt Ion:129 Resp: 60527
Ion Ratio Lower Upper
129 100
127 76.7 37.8 113.4





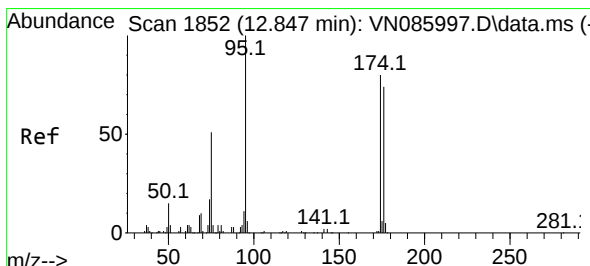
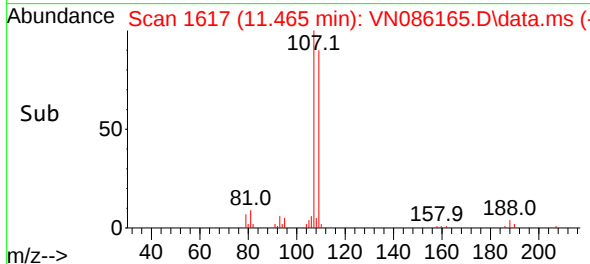
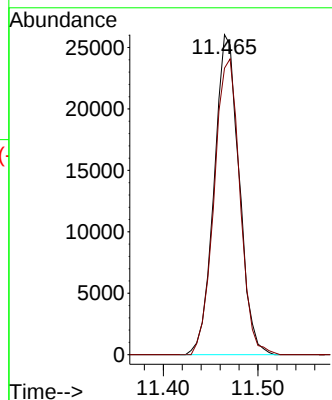
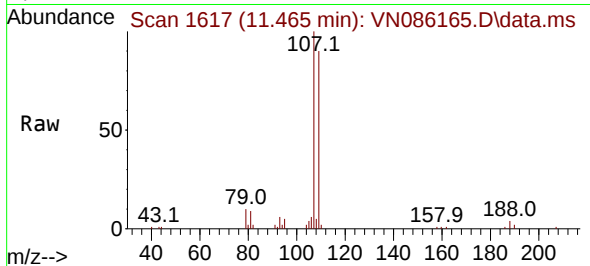
#61
1,2-Dibromoethane
Concen: 19.874 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

Instrument :
MSVOA_N
ClientSampleId :
VN0328MBS01

Tgt Ion:107 Resp: 47730
Ion Ratio Lower Upper
107 100
109 95.3 73.3 109.9

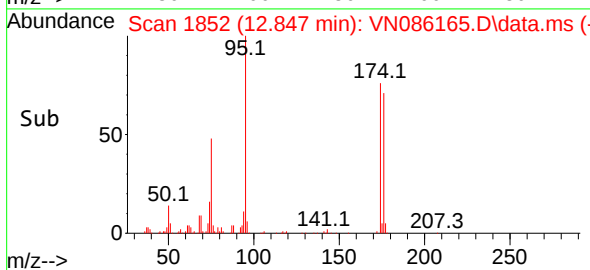
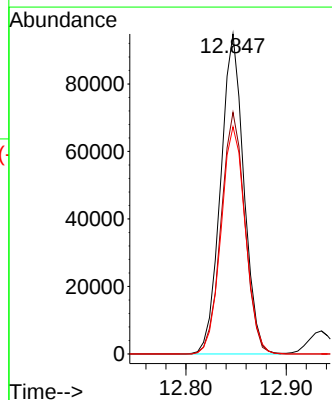
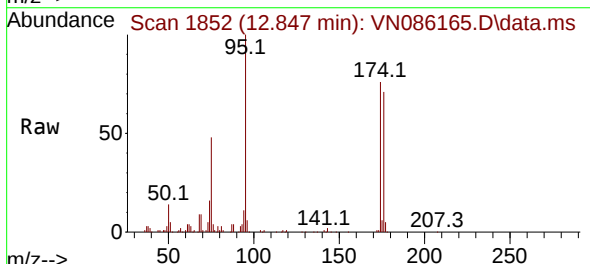
Manual Integrations
APPROVED

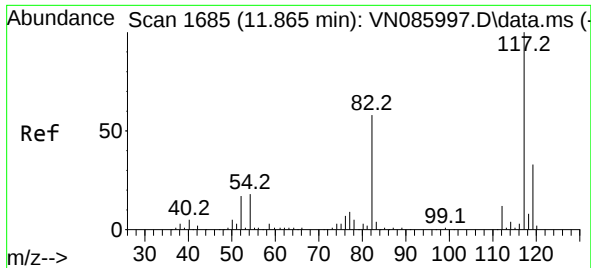
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#62
4-Bromofluorobenzene
Concen: 48.651 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

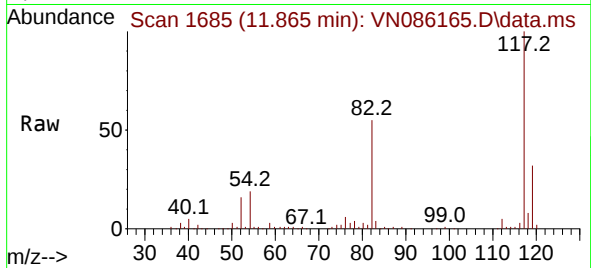
Tgt Ion: 95 Resp: 152149
Ion Ratio Lower Upper
95 100
174 77.0 0.0 156.8
176 74.4 0.0 152.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

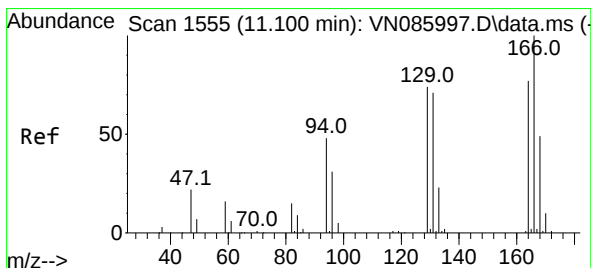
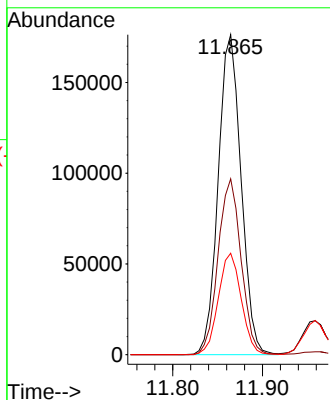
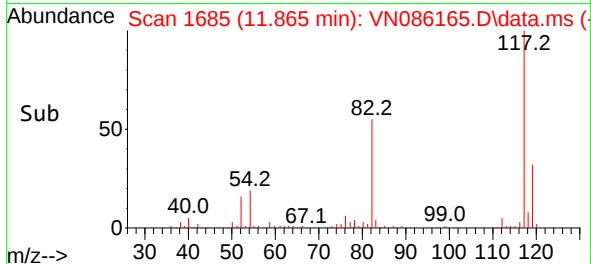
Instrument :
MSVOA_N
ClientSampleId :
VN0328MBS01



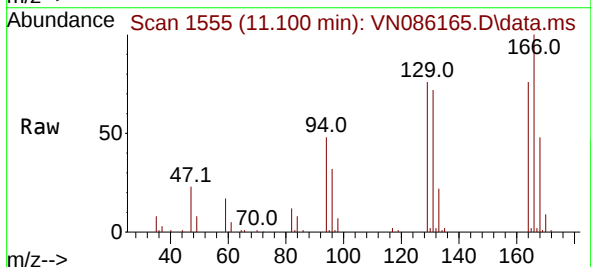
Tgt Ion:117 Resp: 311874
Ion Ratio Lower Upper
117 100
82 54.9 46.7 70.1
119 31.7 26.5 39.7

Manual Integrations
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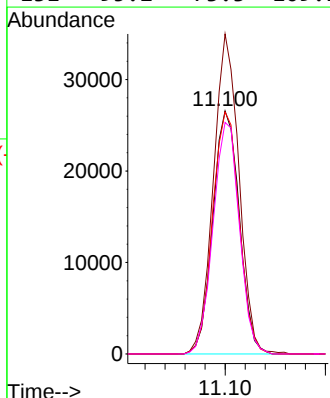
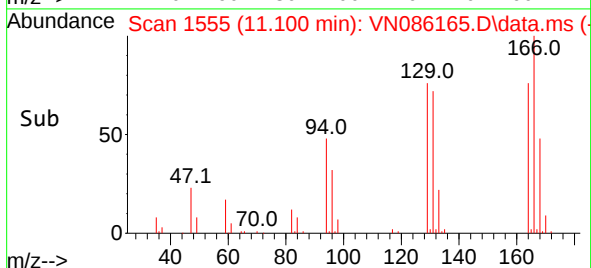
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

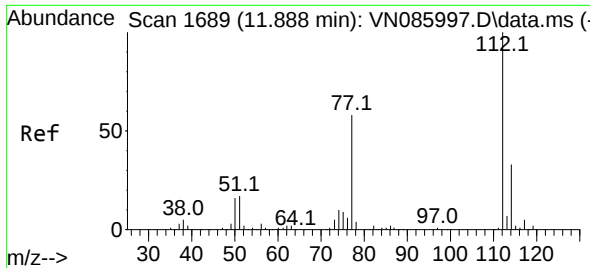


#64
Tetrachloroethene
Concen: 19.590 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06



Tgt Ion:164 Resp: 48737
Ion Ratio Lower Upper
164 100
166 131.6 103.7 155.5
129 99.6 77.1 115.7
131 95.2 73.3 109.9





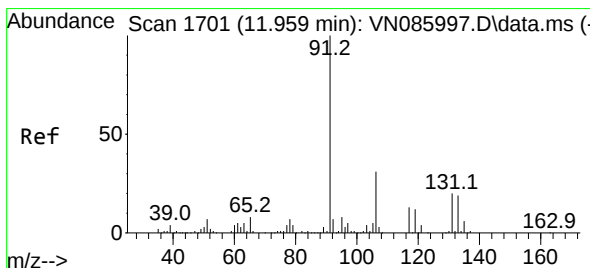
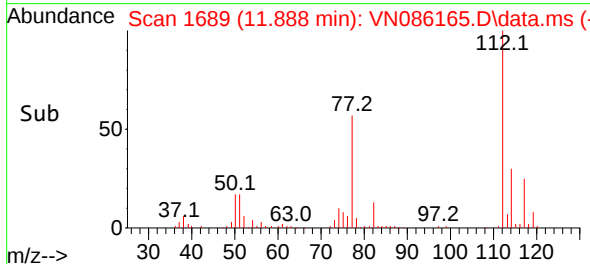
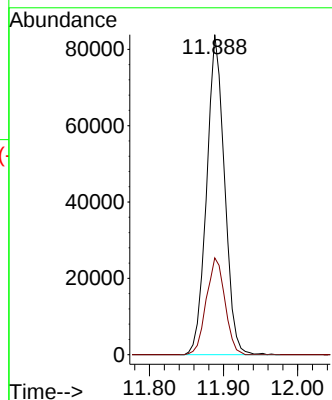
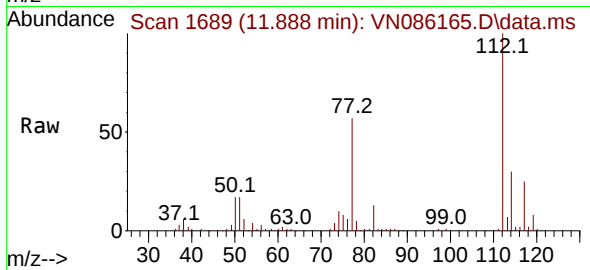
#65
Chlorobenzene
Concen: 19.656 ug/l
RT: 11.888 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

Instrument :
MSVOA_N
ClientSampleId :
VN0328MBS01

Tgt Ion:112 Resp: 140275
Ion Ratio Lower Upper
112 100
114 30.3 26.3 39.5

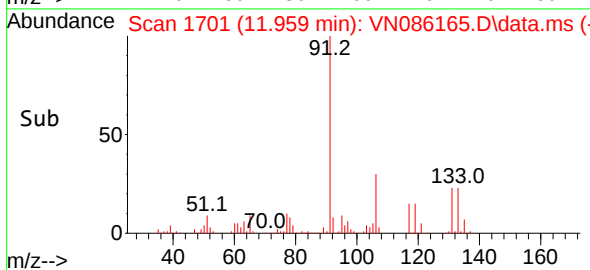
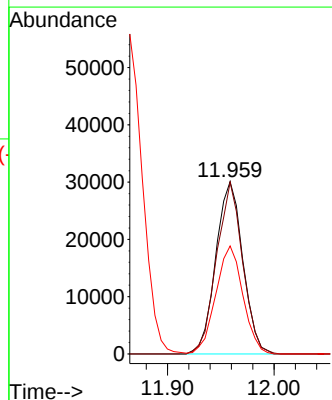
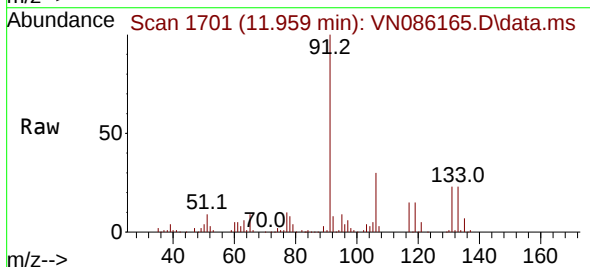
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.997 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

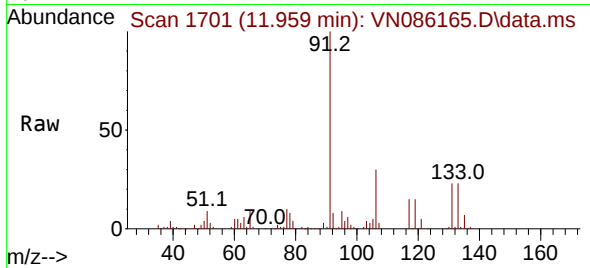
Tgt Ion:131 Resp: 53050
Ion Ratio Lower Upper
131 100
133 96.1 47.0 141.0
119 62.9 31.4 94.0





#67
Ethyl Benzene
Concen: 19.504 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

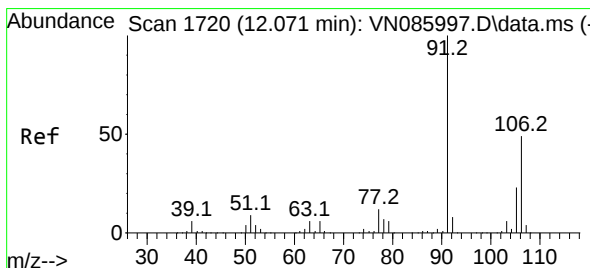
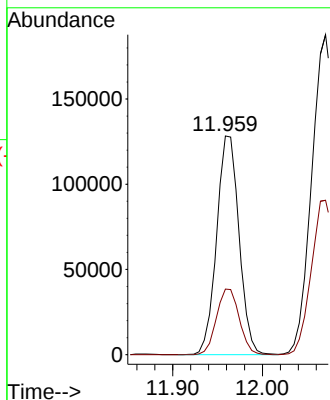
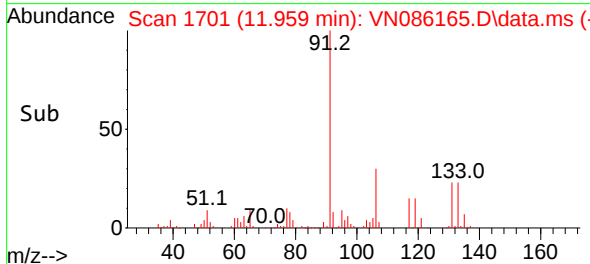
Instrument :
MSVOA_N
ClientSampleId :
VN0328MBS01



Tgt Ion: 91 Resp: 22265
Ion Ratio Lower Upper
91 100
106 30.0 24.5 36.7

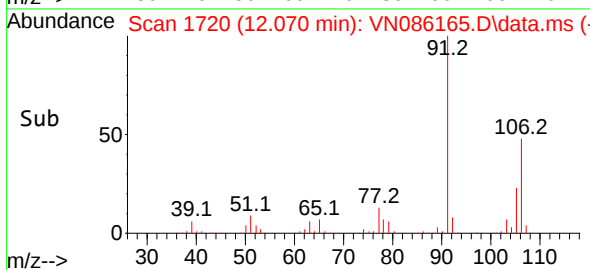
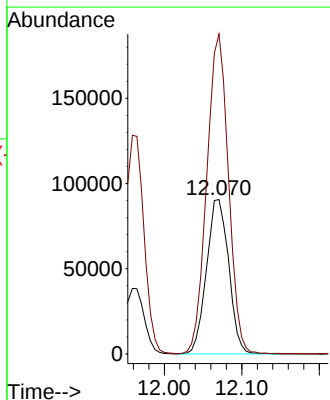
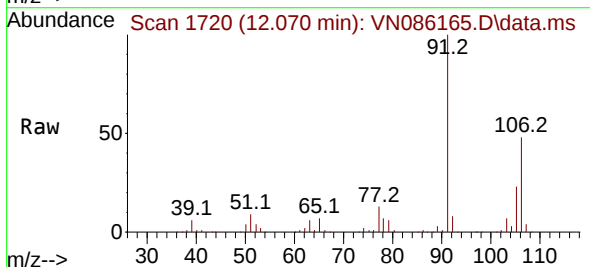
Manual Integrations
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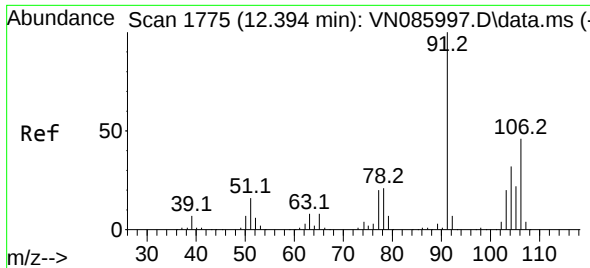
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#68
m/p-Xylenes
Concen: 40.246 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

Tgt Ion:106 Resp: 180579
Ion Ratio Lower Upper
106 100
91 201.5 163.9 245.9





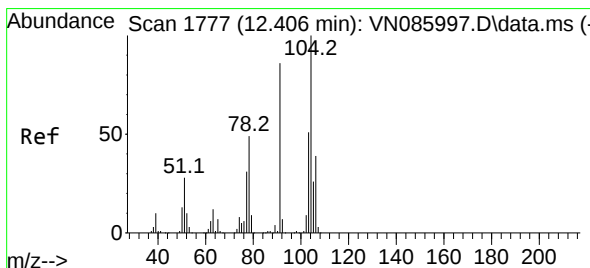
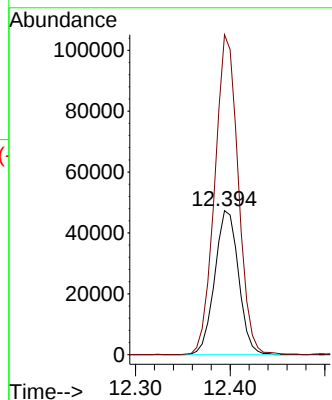
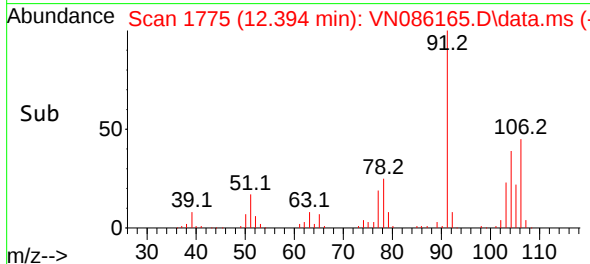
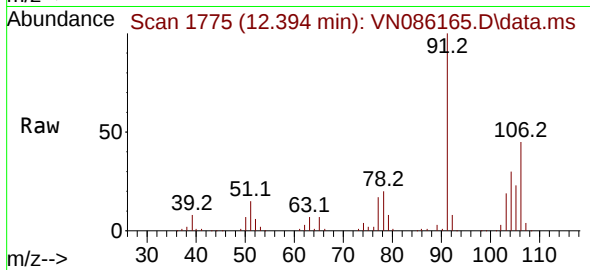
#69
o-Xylene
Concen: 20.052 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

Instrument :
MSVOA_N
ClientSampleId :
VN0328MBS01

Tgt Ion:106 Resp: 8257
Ion Ratio Lower Upper
106 100
91 219.6 109.1 327.2

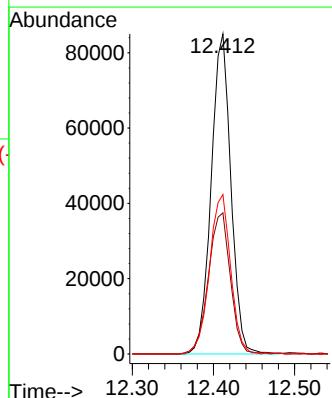
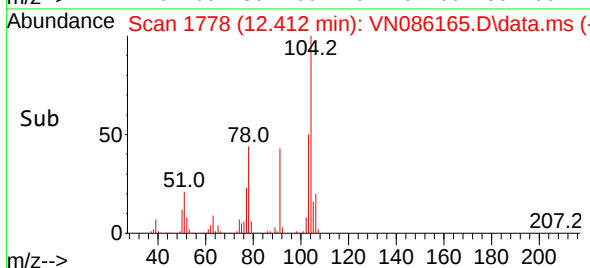
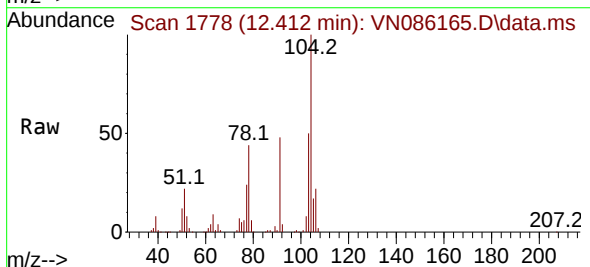
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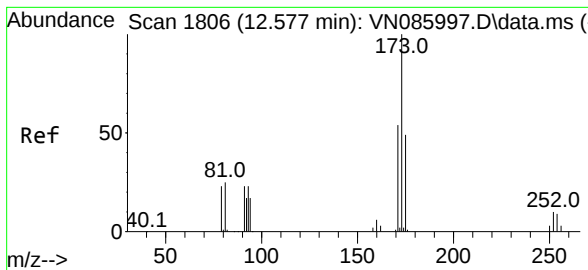
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#70
Styrene
Concen: 20.383 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

Tgt Ion:104 Resp: 143375
Ion Ratio Lower Upper
104 100
78 49.1 41.4 62.2
103 53.3 42.9 64.3





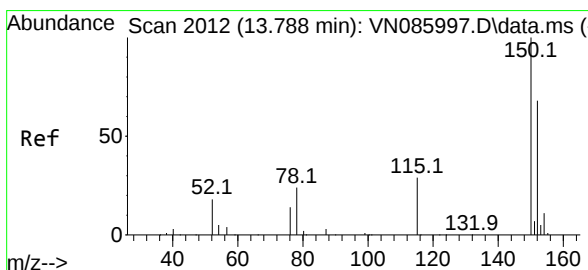
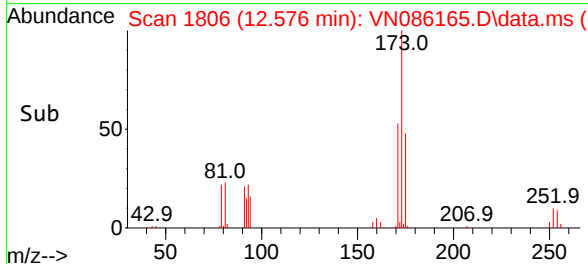
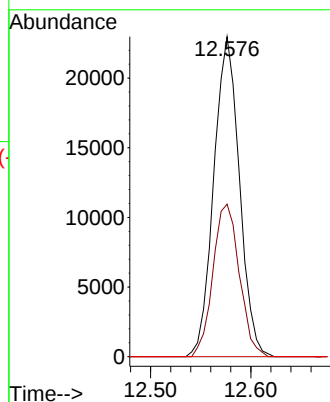
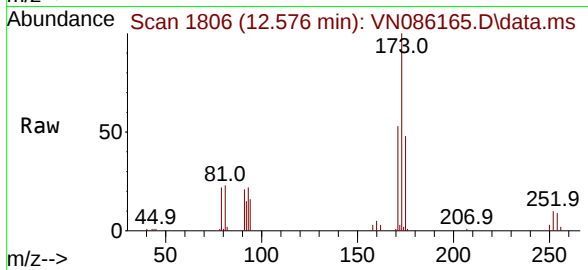
#71
Bromoform
Concen: 18.366 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

Instrument :
MSVOA_N
ClientSampleId :
VN0328MBS01

Tgt Ion:173 Resp: 40730
Ion Ratio Lower Upper
173 100
175 49.1 24.3 73.0
254 0.0 0.0 0.0

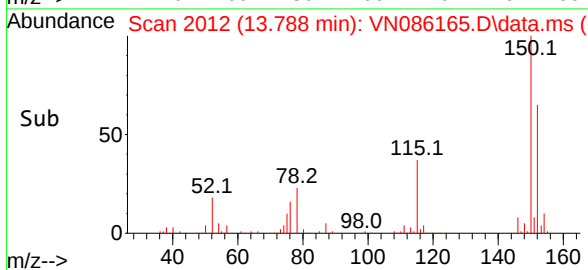
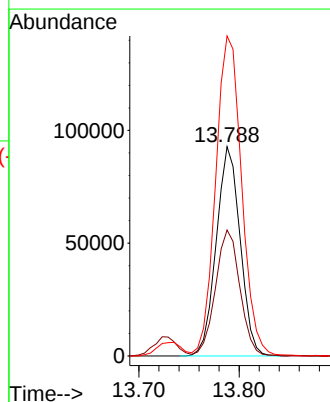
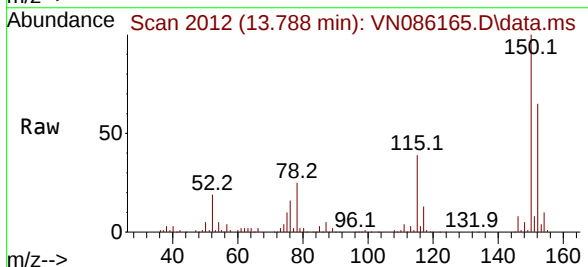
Manual Integrations
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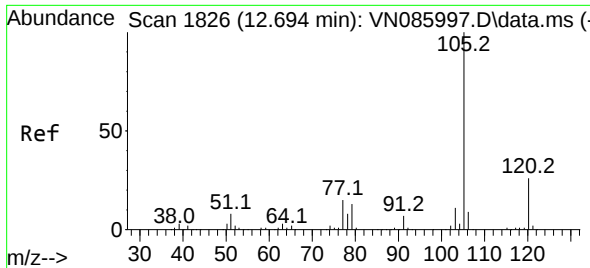
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

Tgt Ion:152 Resp: 153431
Ion Ratio Lower Upper
152 100
115 61.6 31.1 93.2
150 166.2 0.0 359.6





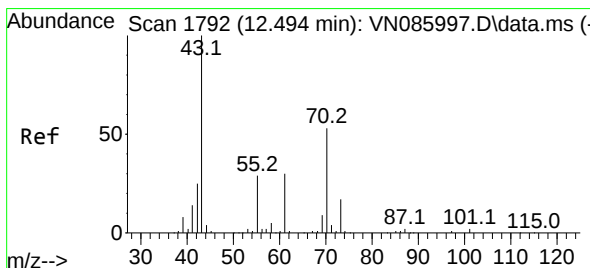
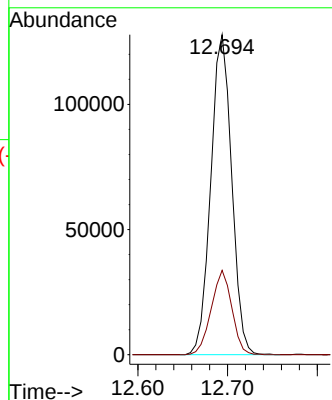
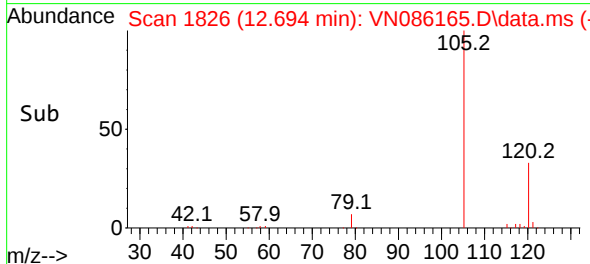
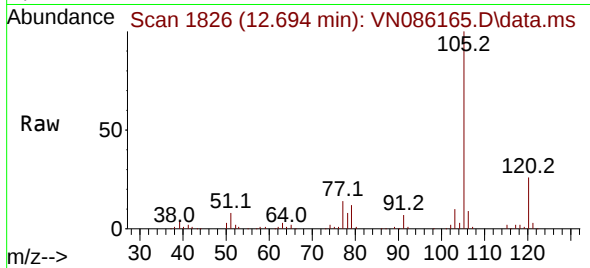
#73
Isopropylbenzene
Concen: 19.742 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

Instrument :
MSVOA_N
ClientSampleId :
VN0328MBS01

Tgt Ion:105 Resp: 20685
Ion Ratio Lower Upper
105 100
120 25.9 13.0 39.0

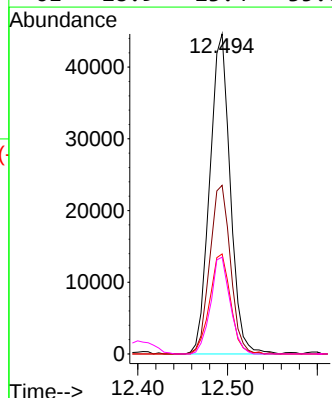
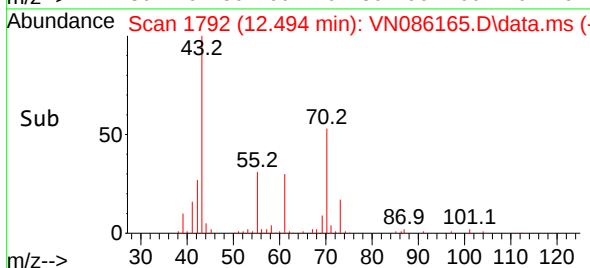
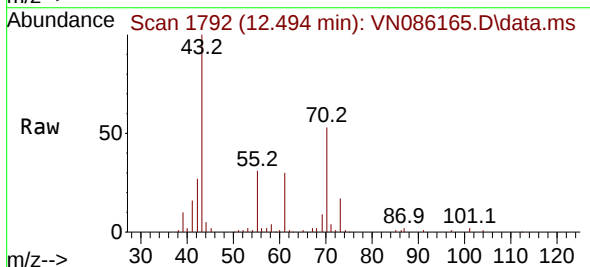
Manual Integrations
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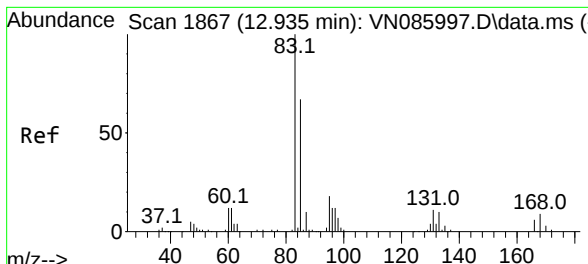
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#74
N-ethyl acetate
Concen: 20.177 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

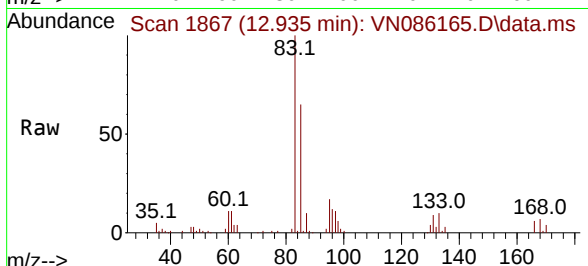
Tgt Ion: 43 Resp: 70731
Ion Ratio Lower Upper
43 100
70 53.4 43.0 64.4
55 31.7 23.8 35.8
61 28.9 23.4 35.0





#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.534 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN086165.D
 Acq: 28 Mar 2025 21:06

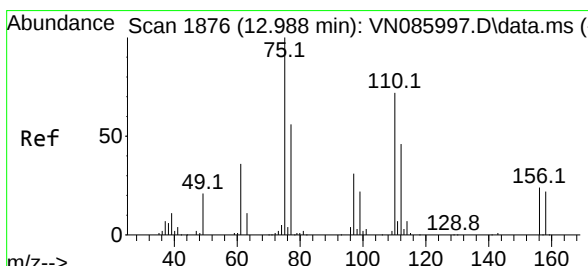
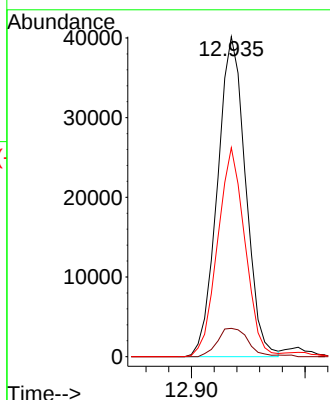
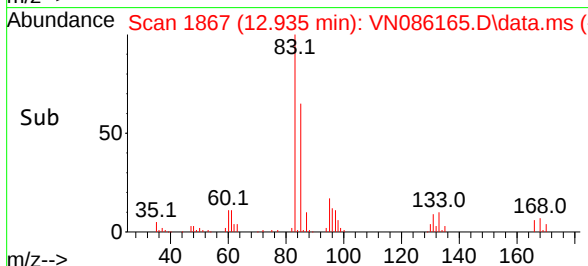
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328MBS01



Tgt Ion: 83 Resp: 6924
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.5 16.5
 85 63.5 32.6 97.8

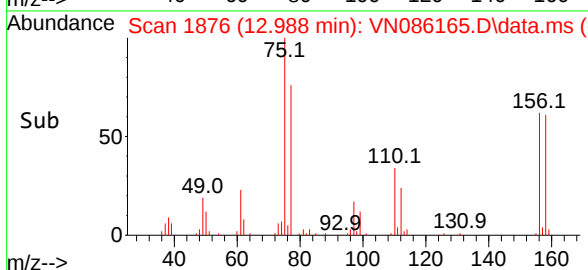
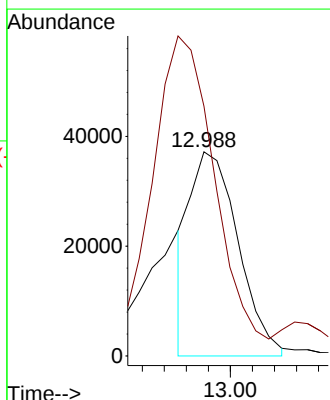
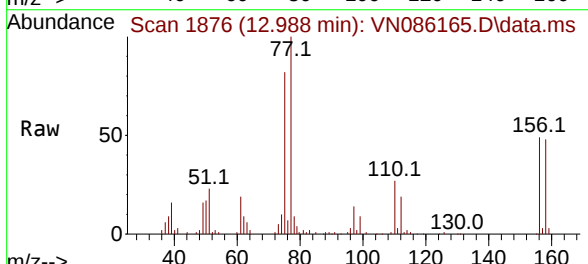
Manual Integrations
 APPROVED

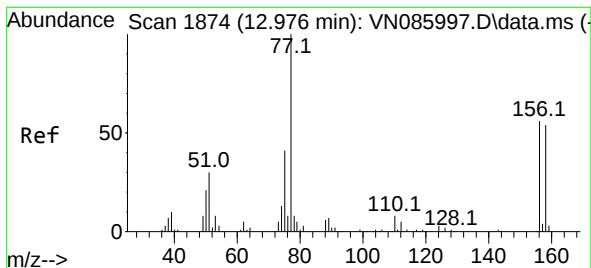
Reviewed By :John Carlone 03/31/2025
 Supervised By :Mahesh Dadoda 03/31/2025



#76
 1,2,3-Trichloropropane
 Concen: 16.471 ug/l m
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VN086165.D
 Acq: 28 Mar 2025 21:06

Tgt Ion: 75 Resp: 56577
 Ion Ratio Lower Upper
 75 100
 77 207.3 83.7 251.0





#77

Bromobenzene

Concen: 19.768 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN086165.D

Acq: 28 Mar 2025 21:06

Instrument :

MSVOA_N

ClientSampleId :

VN0328MBS01

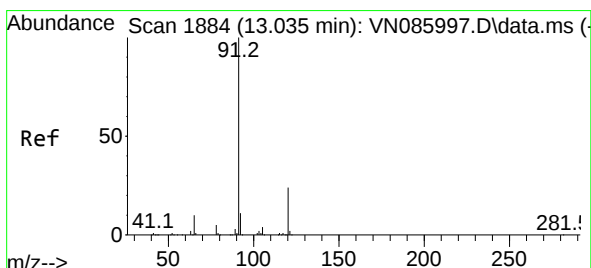
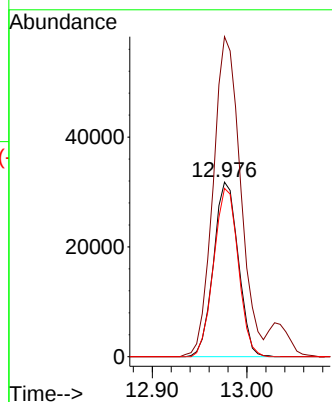
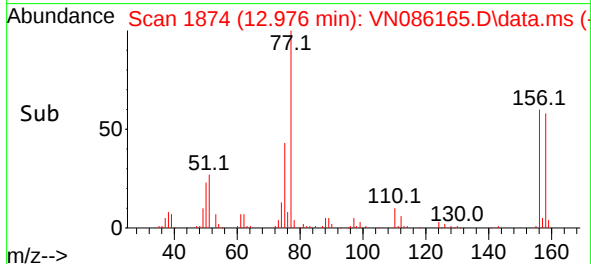
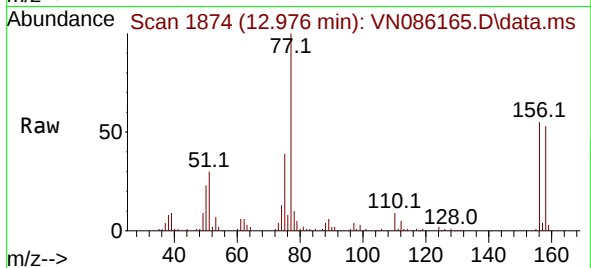
Tgt Ion:156 Resp: 57752
 Ion Ratio Lower Upper
 156 100
 77 203.1 104.1 312.3
 158 95.7 49.0 147.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2025

Supervised By :Mahesh Dadoda 03/31/2025



#78

n-propylbenzene

Concen: 20.295 ug/l

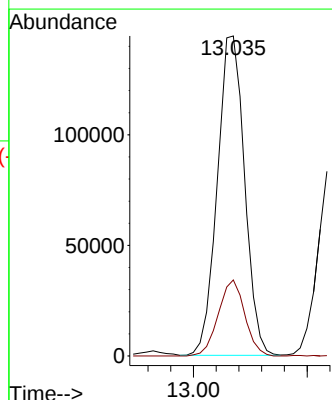
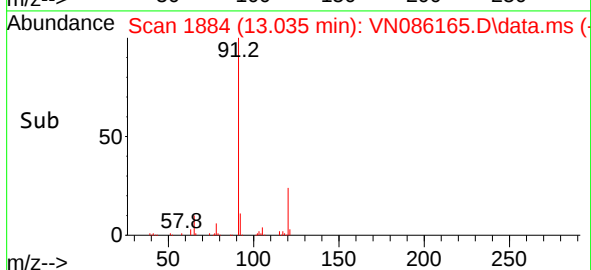
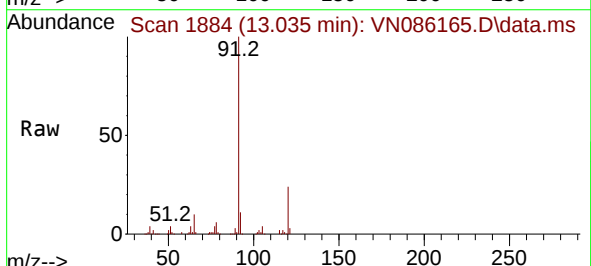
RT: 13.035 min Scan# 1884

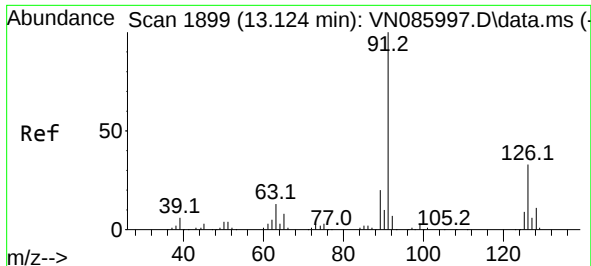
Delta R.T. -0.000 min

Lab File: VN086165.D

Acq: 28 Mar 2025 21:06

Tgt Ion: 91 Resp: 240792
 Ion Ratio Lower Upper
 91 100
 120 23.0 11.7 35.0





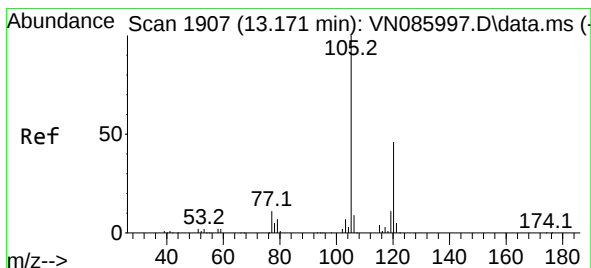
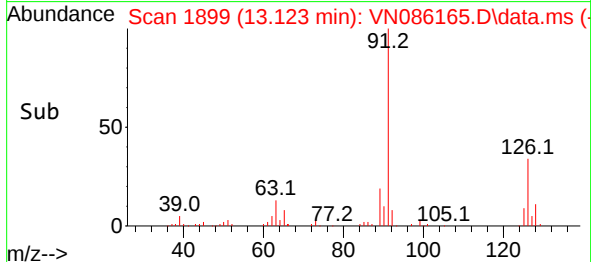
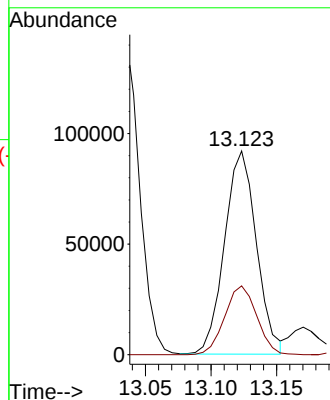
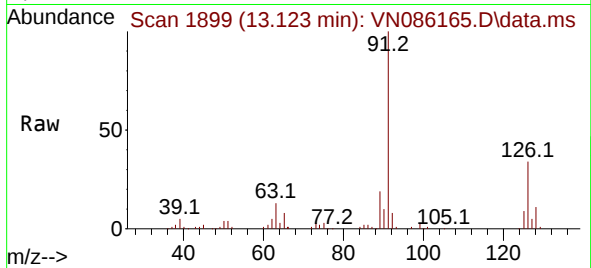
#79
2-Chlorotoluene
Concen: 19.747 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

Instrument :
MSVOA_N
ClientSampleId :
VN0328MBS01

Tgt Ion: 91 Resp: 15561
Ion Ratio Lower Upper
91 100
126 34.0 16.4 49.2

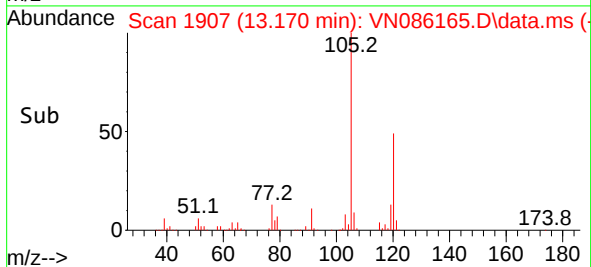
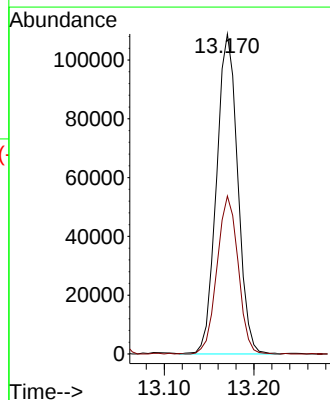
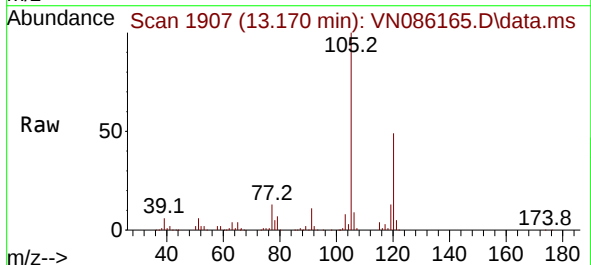
Manual Integrations
APPROVED

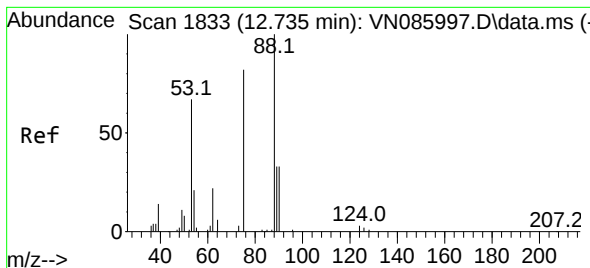
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.229 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

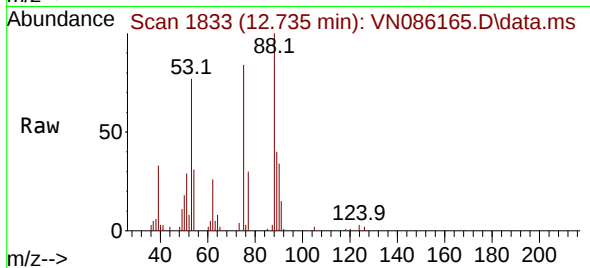
Tgt Ion:105 Resp: 178950
Ion Ratio Lower Upper
105 100
120 49.0 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 18.467 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

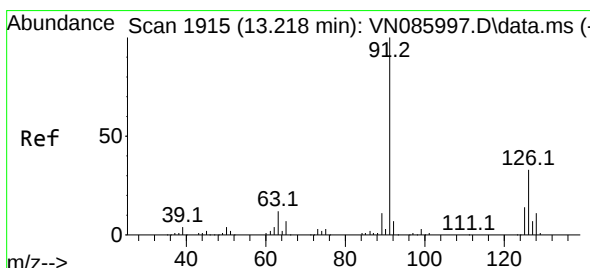
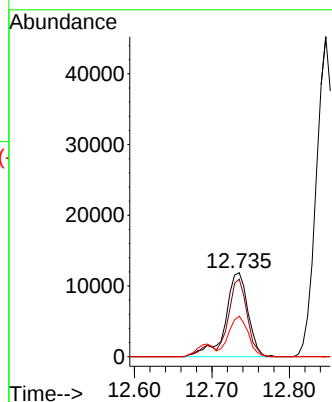
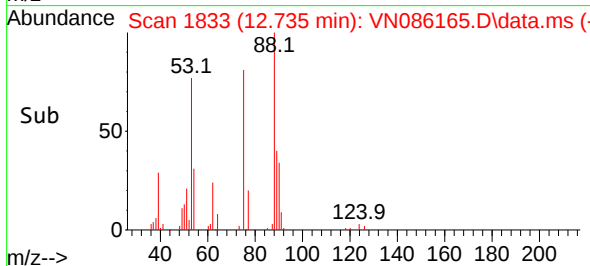
Instrument :
MSVOA_N
ClientSampleId :
VN0328MBS01



Tgt Ion: 75 Resp: 2399
Ion Ratio Lower Upper
75 100
53 75.3 66.0 99.0
89 42.2 36.9 55.3

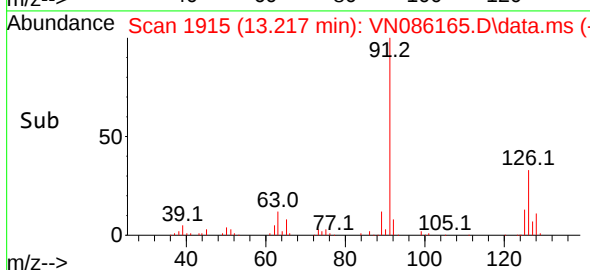
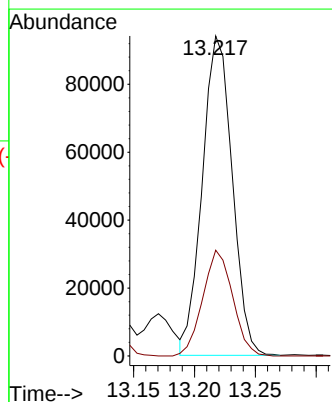
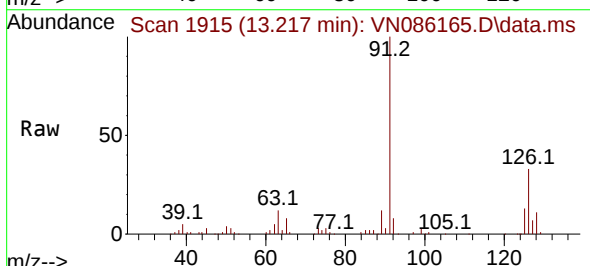
Manual Integrations
APPROVED

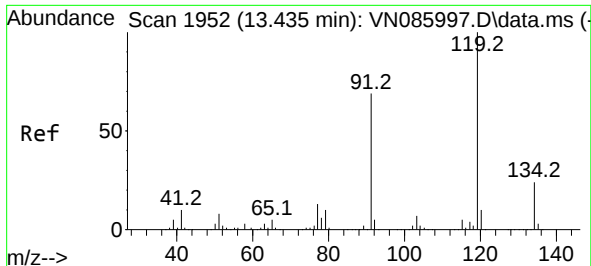
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#82
4-Chlorotoluene
Concen: 19.813 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

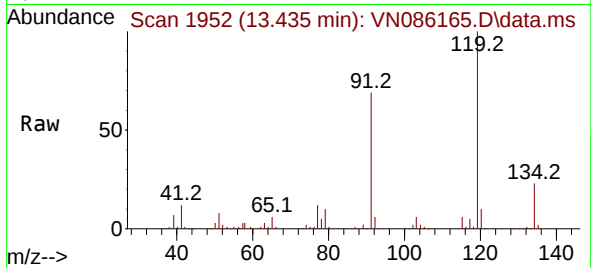
Tgt Ion: 91 Resp: 160559
Ion Ratio Lower Upper
91 100
126 33.2 16.1 48.2





#83
tert-Butylbenzene
Concen: 18.861 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

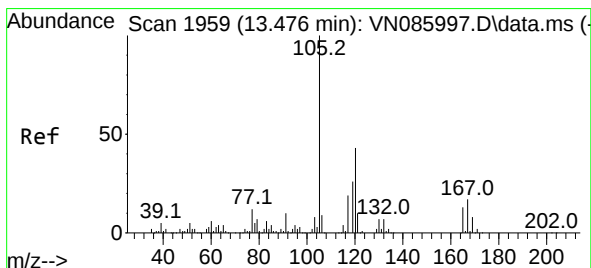
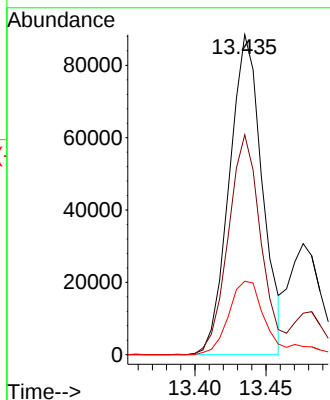
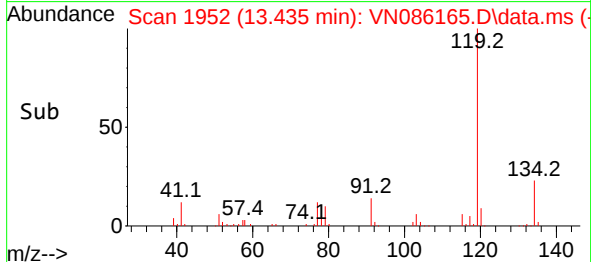
Instrument :
MSVOA_N
ClientSampleId :
VN0328MBS01



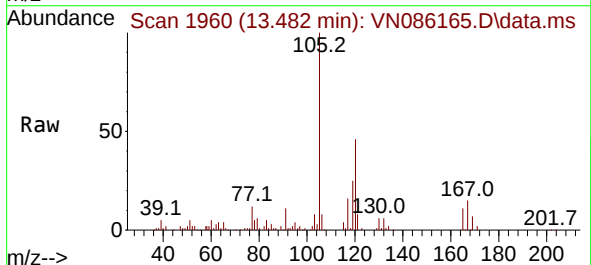
Tgt Ion:119 Resp: 142694
Ion Ratio Lower Upper
119 100
91 68.8 34.3 102.9
134 24.4 13.5 40.5

Manual Integrations
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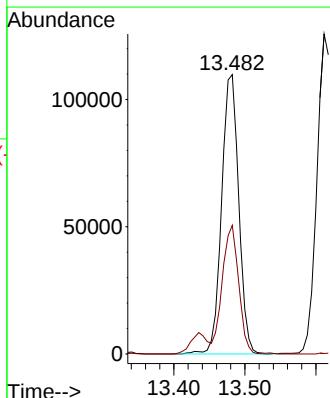
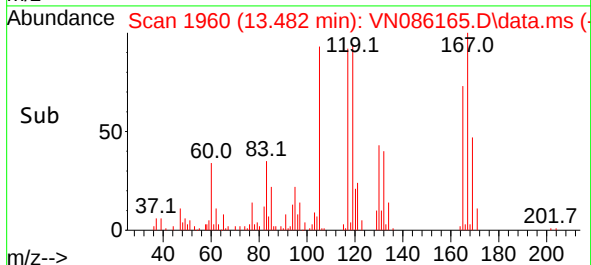
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

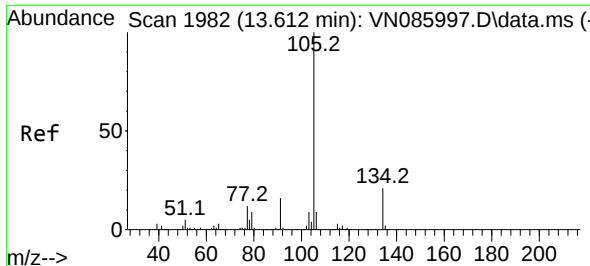


#84
1,2,4-Trimethylbenzene
Concen: 20.558 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06



Tgt Ion:105 Resp: 183422
Ion Ratio Lower Upper
105 100
120 44.0 21.9 65.8





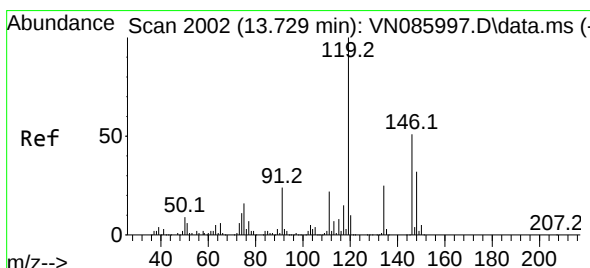
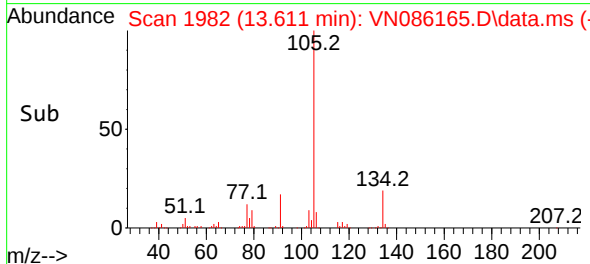
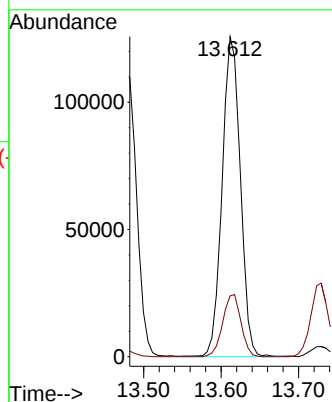
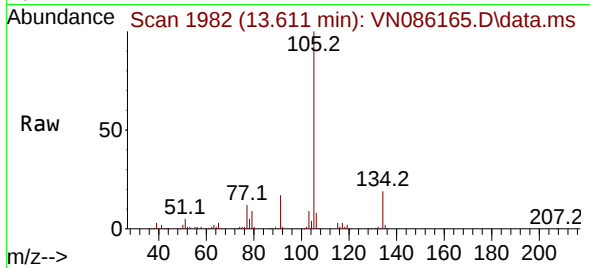
#85
 sec-Butylbenzene
 Concen: 20.817 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086165.D
 Acq: 28 Mar 2025 21:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328MBS01

Tgt Ion:105 Resp: 20545
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.1 30.1

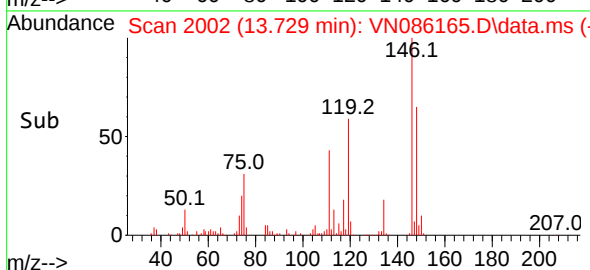
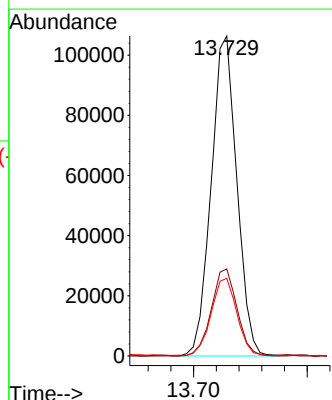
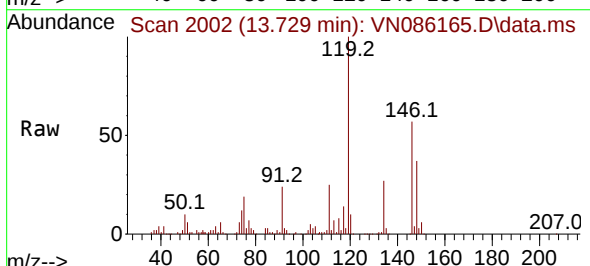
Manual Integrations
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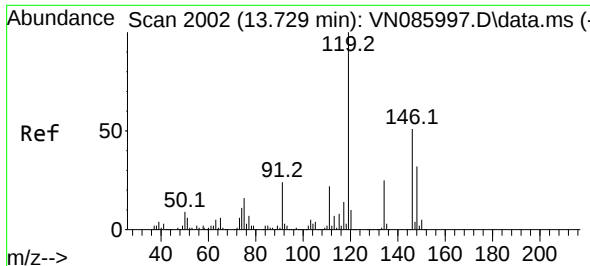
Reviewed By :John Carlone 03/31/2025
 Supervised By :Mahesh Dadoda 03/31/2025



#86
 p-Isopropyltoluene
 Concen: 19.978 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086165.D
 Acq: 28 Mar 2025 21:06

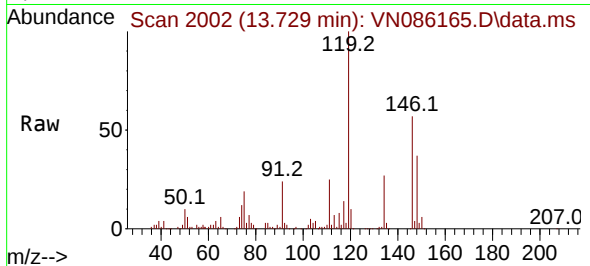
Tgt Ion:119 Resp: 166910
 Ion Ratio Lower Upper
 119 100
 134 27.2 12.6 37.8
 91 24.1 12.3 36.8





#87
1,3-Dichlorobenzene
Concen: 19.768 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

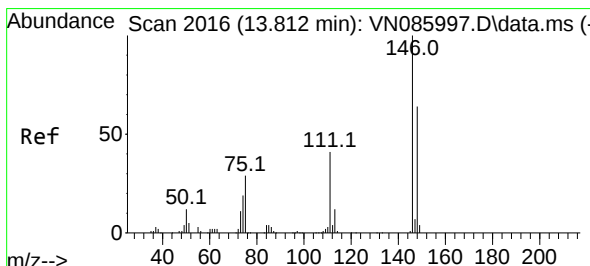
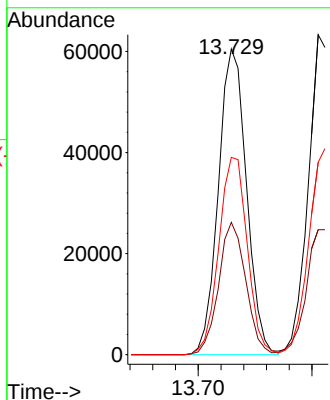
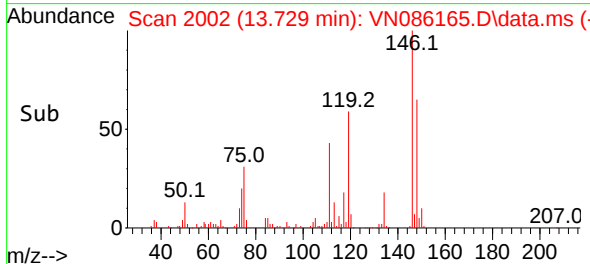
Instrument :
MSVOA_N
ClientSampleId :
VN0328MBS01



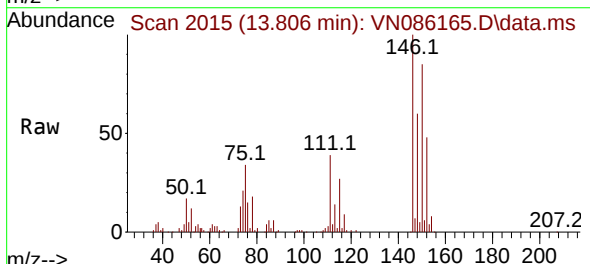
Tgt Ion:146 Resp: 10410
Ion Ratio Lower Upper
146 100
111 41.8 21.2 63.6
148 65.3 31.8 95.4

Manual Integrations
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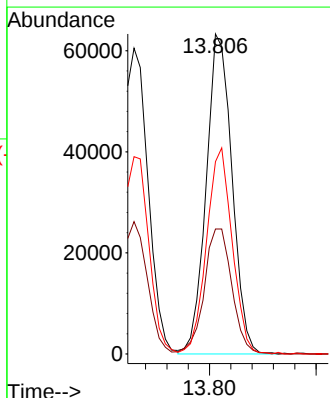
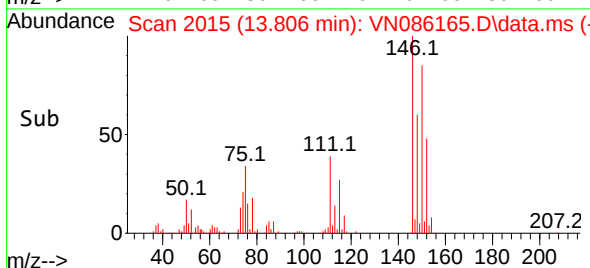
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

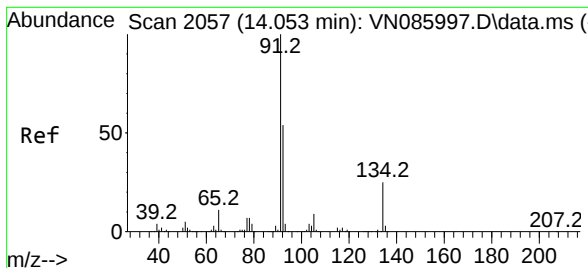


#88
1,4-Dichlorobenzene
Concen: 19.283 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06



Tgt Ion:146 Resp: 106694
Ion Ratio Lower Upper
146 100
111 42.0 20.4 61.3
148 64.0 32.1 96.5





#89

n-Butylbenzene

Concen: 19.187 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086165.D

Acq: 28 Mar 2025 21:06

Instrument :

MSVOA_N

ClientSampleId :

VN0328MBS01

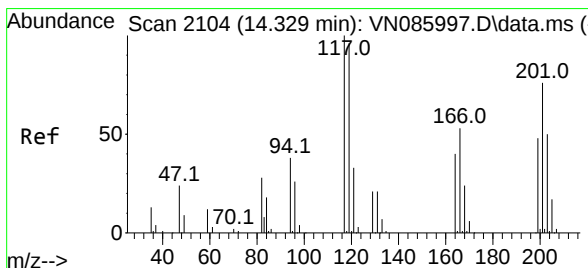
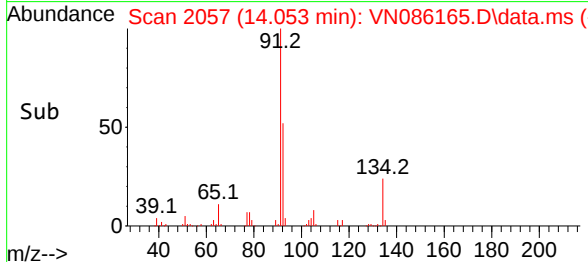
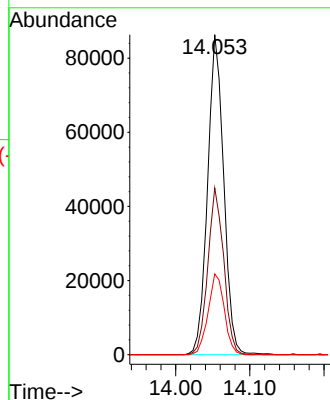
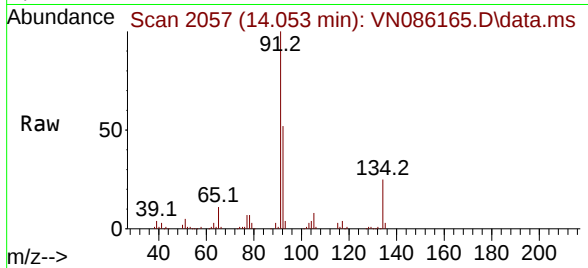
Tgt Ion: 91	Resp: 130539
Ion Ratio	Lower Upper
91	100
92	51.3 26.9 80.6
134	25.3 13.0 39.0

Manual Integrations

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Reviewed By :John Carlone 03/31/2025

Supervised By :Mahesh Dadoda 03/31/2025



#90

Hexachloroethane

Concen: 18.789 ug/l

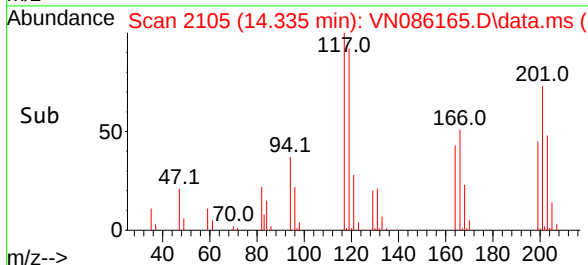
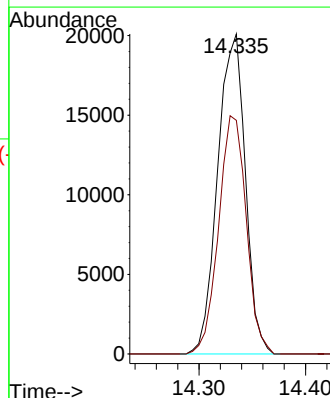
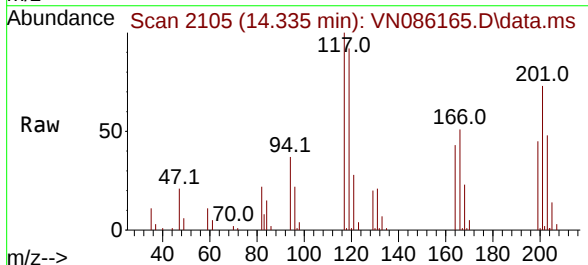
RT: 14.335 min Scan# 2105

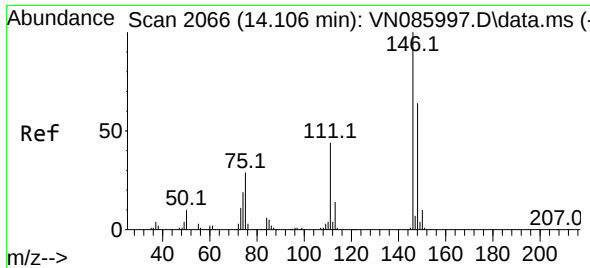
Delta R.T. 0.006 min

Lab File: VN086165.D

Acq: 28 Mar 2025 21:06

Tgt Ion: 117	Resp: 36221
Ion Ratio	Lower Upper
117	100
201	74.5 39.1 117.3





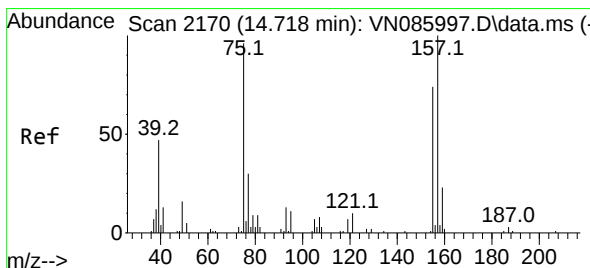
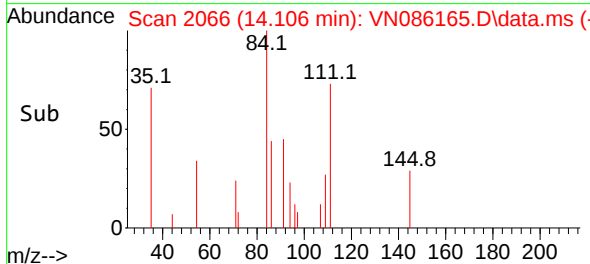
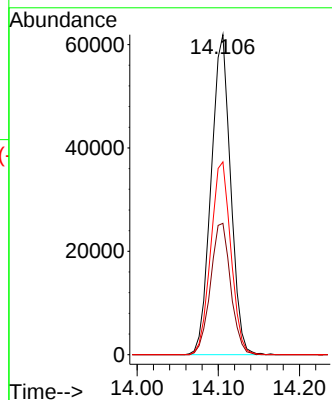
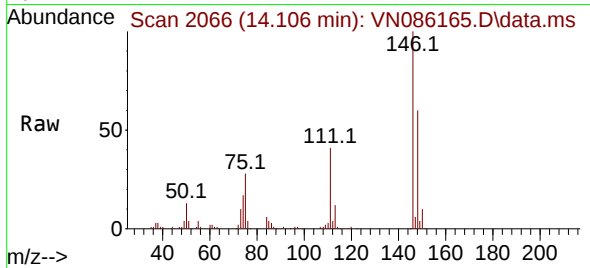
#91
1,2-Dichlorobenzene
Concen: 19.667 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

Instrument :
MSVOA_N
ClientSampleId :
VN0328MBS01

Tgt Ion:146 Resp: 102960
Ion Ratio Lower Upper
146 100
111 42.6 22.3 66.8
148 62.3 32.1 96.5

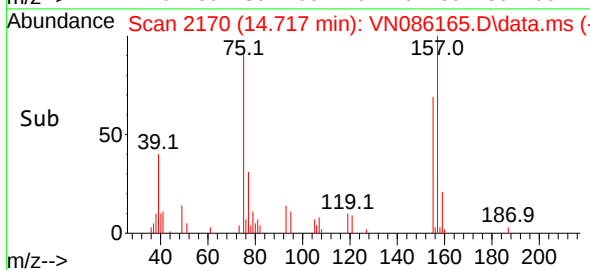
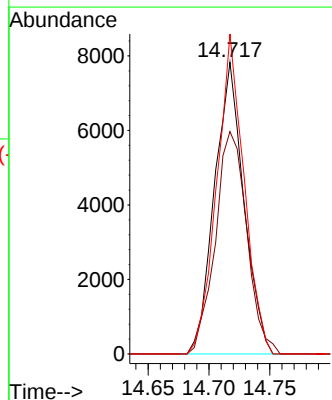
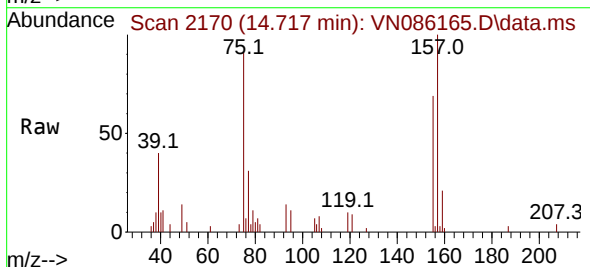
Manual Integrations
APPROVED

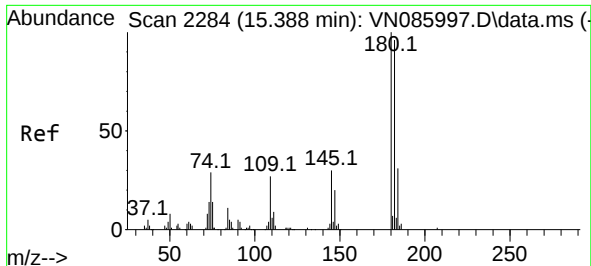
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.479 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

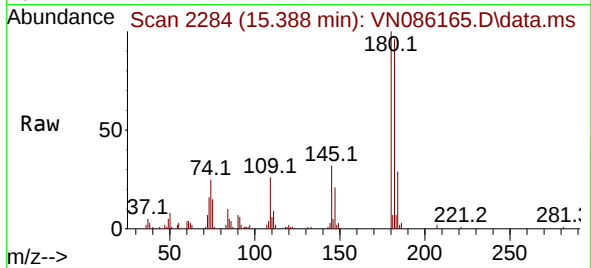
Tgt Ion: 75 Resp: 13075
Ion Ratio Lower Upper
75 100
155 82.1 41.0 123.0
157 102.7 53.7 161.1





#93
1,2,4-Trichlorobenzene
Concen: 18.183 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

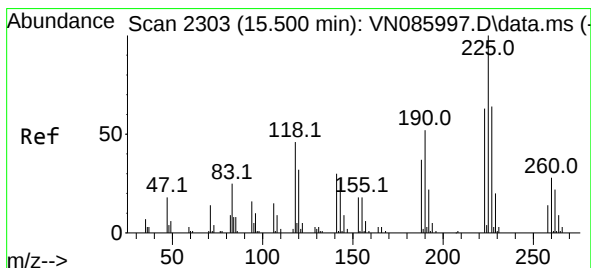
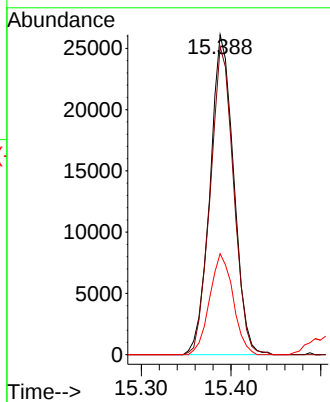
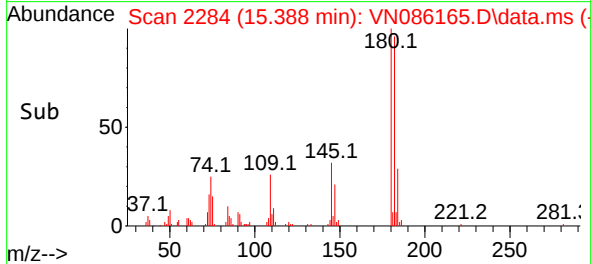
Instrument :
MSVOA_N
ClientSampleId :
VN0328MBS01



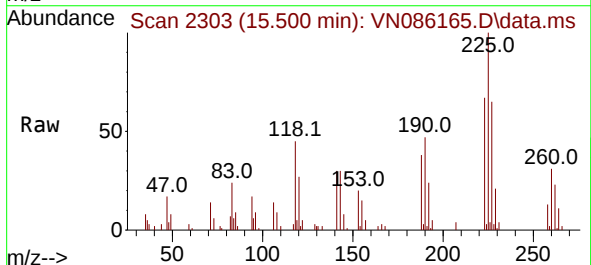
Tgt Ion:180 Resp: 47862
Ion Ratio Lower Upper
180 100
182 94.8 47.0 141.0
145 31.2 15.5 46.5

Manual Integrations
APPROVED

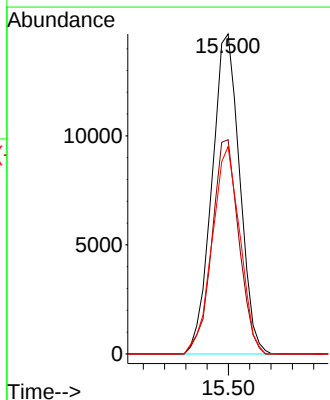
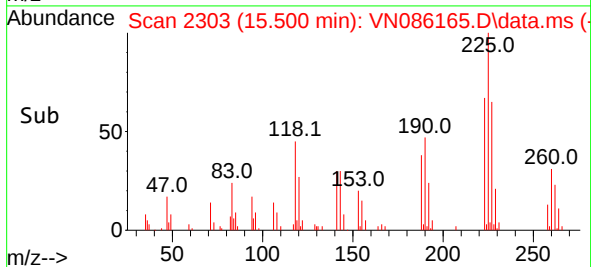
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

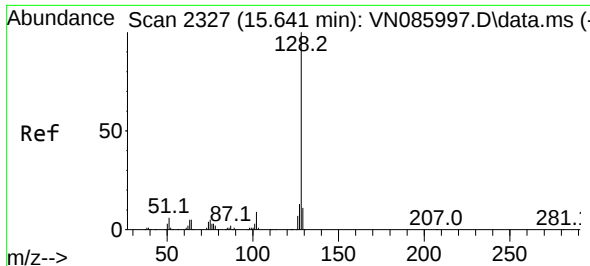


#94
Hexachlorobutadiene
Concen: 17.364 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06



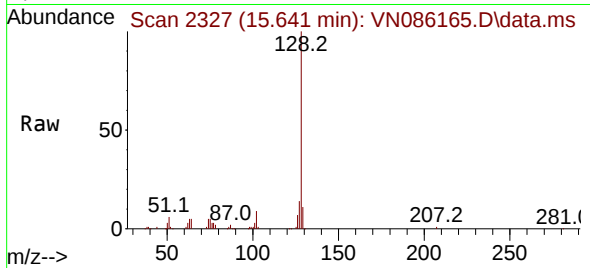
Tgt Ion:225 Resp: 26518
Ion Ratio Lower Upper
225 100
223 64.8 31.3 93.9
227 64.8 32.1 96.3





#95
Naphthalene
Concen: 17.907 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06

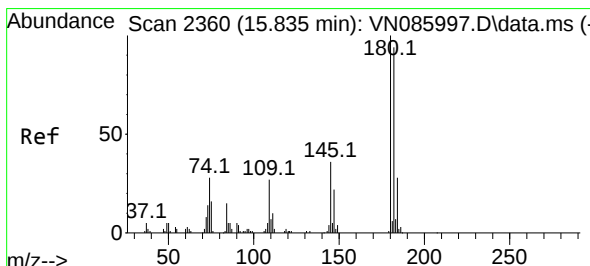
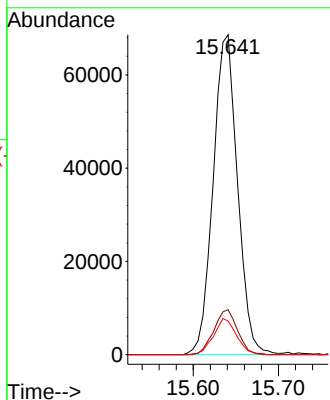
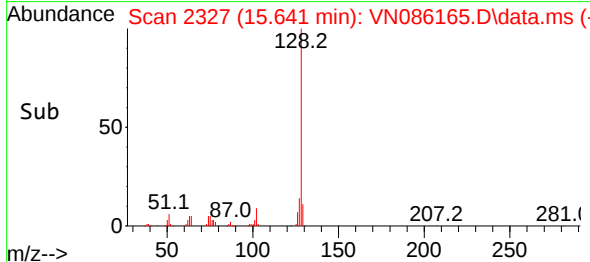
Instrument :
MSVOA_N
ClientSampleId :
VN0328MBS01



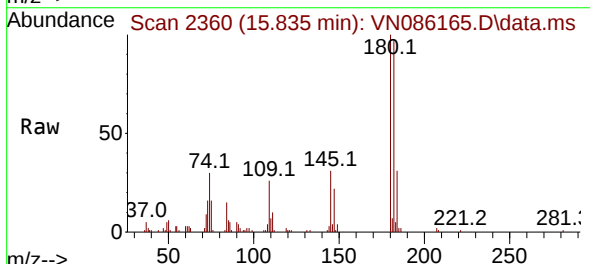
Tgt Ion:128 Resp: 13649
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.4
129 10.6 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.279 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086165.D
Acq: 28 Mar 2025 21:06



Tgt Ion:180 Resp: 48154
Ion Ratio Lower Upper
180 100
182 99.9 47.5 142.5
145 34.0 17.7 53.1

