

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022725\
 Data File : VN085880.D
 Acq On : 27 Feb 2025 10:18
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2025
 Supervised By : Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 01:55:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	237819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	375919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	353534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	188357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	148283	48.093	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.180%			
35) Dibromofluoromethane	8.165	113	130885	53.209	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.420%			
50) Toluene-d8	10.565	98	490676	54.826	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.660%			
62) 4-Bromofluorobenzene	12.847	95	176428	59.832	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 119.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	145881	45.097	ug/l	99
3) Chloromethane	2.359	50	137300	42.298	ug/l	98
4) Vinyl Chloride	2.512	62	145176	42.241	ug/l	98
5) Bromomethane	2.942	94	87919	40.007	ug/l	92
6) Chloroethane	3.112	64	95487	41.945	ug/l	96
7) Trichlorofluoromethane	3.495	101	225611	45.340	ug/l	100
8) Diethyl Ether	3.965	74	74019	45.973	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	137772	47.898	ug/l	99
10) Methyl Iodide	4.583	142	161331	45.502	ug/l	98
11) Tert butyl alcohol	5.524	59	103623	273.255	ug/l	100
12) 1,1-Dichloroethene	4.342	96	118340	45.375	ug/l	96
13) Acrolein	4.177	56	140017	248.984	ug/l	97
14) Allyl chloride	5.024	41	147641	43.118	ug/l	95
15) Acrylonitrile	5.718	53	345666	280.390	ug/l	98
16) Acetone	4.424	43	249363	255.601	ug/l	95
17) Carbon Disulfide	4.712	76	314031	40.628	ug/l	99
18) Methyl Acetate	5.024	43	182909	54.509	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	396349	51.143	ug/l	98
20) Methylene Chloride	5.277	84	146309	46.634	ug/l	97
21) trans-1,2-Dichloroethene	5.789	96	129705	46.188	ug/l	95
22) Diisopropyl ether	6.671	45	391516	50.602	ug/l	98
23) Vinyl Acetate	6.600	43	1308586	247.013	ug/l	98
24) 1,1-Dichloroethane	6.565	63	248787	47.301	ug/l	98
25) 2-Butanone	7.483	43	400315	278.911	ug/l	96
26) 2,2-Dichloropropane	7.488	77	216992	46.396	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	154948	47.587	ug/l	99
28) Bromochloromethane	7.812	49	115793	53.564	ug/l	99
29) Tetrahydrofuran	7.836	42	277473	299.381	ug/l	98
30) Chloroform	7.965	83	264172	48.062	ug/l	96
31) Cyclohexane	8.259	56	182622	41.469	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	227205	46.474	ug/l	98
36) 1,1-Dichloropropene	8.371	75	171560	49.280	ug/l	99
37) Ethyl Acetate	7.559	43	163595	57.103	ug/l	99
38) Carbon Tetrachloride	8.359	117	208658	50.443	ug/l	98
39) Methylcyclohexane	9.600	83	162255	47.442	ug/l	97
40) Benzene	8.606	78	571775	51.244	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	83912	54.790	ug/l	92
42) 1,2-Dichloroethane	8.671	62	178056	48.992	ug/l	99
43) Isopropyl Acetate	8.688	43	257848	51.298	ug/l	97
44) Trichloroethene	9.353	130	129365	47.220	ug/l	94
45) 1,2-Dichloropropane	9.618	63	143276	53.197	ug/l	99
46) Dibromomethane	9.706	93	100446	52.873	ug/l	98
47) Bromodichloromethane	9.888	83	209614	51.572	ug/l	97
48) Methyl methacrylate	9.677	41	120287	56.535	ug/l	94
49) 1,4-Dioxane	9.694	88	57812	1428.861	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	868344	314.369	ug/l	98
52) Toluene	10.629	92	357834	54.710	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	199840	53.172	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	219898	53.357	ug/l	93
55) 1,1,2-Trichloroethane	11.012	97	142412	54.763	ug/l	97
56) Ethyl methacrylate	10.871	69	205498	54.377	ug/l	96
57) 1,3-Dichloropropane	11.165	76	233251	53.731	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	508568	318.943	ug/l	98
59) 2-Hexanone	11.194	43	638353	335.935	ug/l	98
60) Dibromochloromethane	11.359	129	170941	56.451	ug/l	99
61) 1,2-Dibromoethane	11.471	107	136307	55.476	ug/l	98
64) Tetrachloroethene	11.100	164	125655	45.879	ug/l	97
65) Chlorobenzene	11.888	112	388571	47.978	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	147109	50.535	ug/l	99
67) Ethyl Benzene	11.965	91	649772	51.217	ug/l	99
68) m/p-Xylenes	12.071	106	531418	110.276	ug/l	98
69) o-Xylene	12.394	106	245287	53.565	ug/l	100
70) Styrene	12.412	104	435412	50.988	ug/l	99
71) Bromoform	12.576	173	120129	55.536	ug/l #	97
73) Isopropylbenzene	12.694	105	612586	47.472	ug/l	99
74) N-amyl acetate	12.494	43	225612	49.579	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	211981	47.738	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	198649m	47.478	ug/l	
77) Bromobenzene	12.976	156	163974	47.033	ug/l	97
78) n-propylbenzene	13.035	91	746020	50.480	ug/l	99
79) 2-Chlorotoluene	13.123	91	468516	47.449	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	544104	51.761	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	72032m	50.232	ug/l	
82) 4-Chlorotoluene	13.218	91	481814	49.221	ug/l	99
83) tert-Butylbenzene	13.435	119	427958	48.414	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	550334	52.917	ug/l	100
85) sec-Butylbenzene	13.617	105	614410	49.195	ug/l	99
86) p-Isopropyltoluene	13.729	119	517165	45.568	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	309474	47.380	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	306342	45.759	ug/l	99
89) n-Butylbenzene	14.053	91	412920	46.567	ug/l	99
90) Hexachloroethane	14.335	117	108029	45.672	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	298060	47.454	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	39643	48.618	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	135202	45.173	ug/l	99
94) Hexachlorobutadiene	15.500	225	74381	40.892	ug/l	99
95) Naphthalene	15.641	128	407042	49.537	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	137278	45.688	ug/l	99

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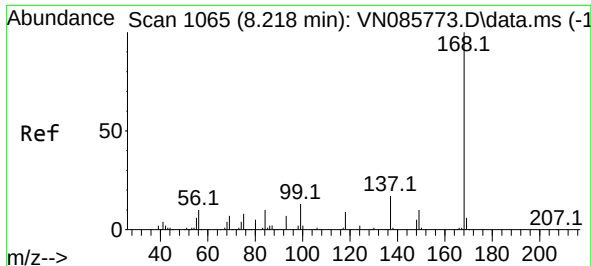
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/28/2025

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Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

Instrument :

MSVOA_N

ClientSampleId :

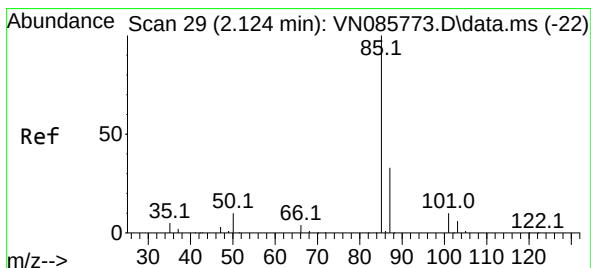
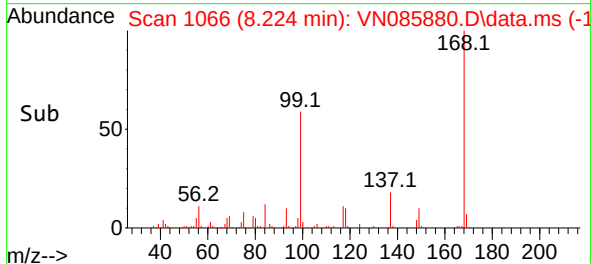
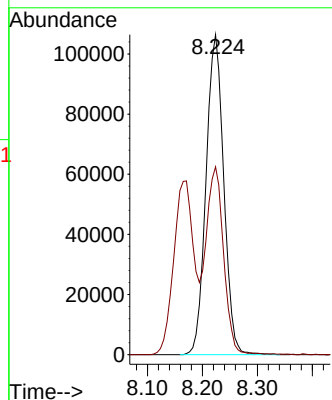
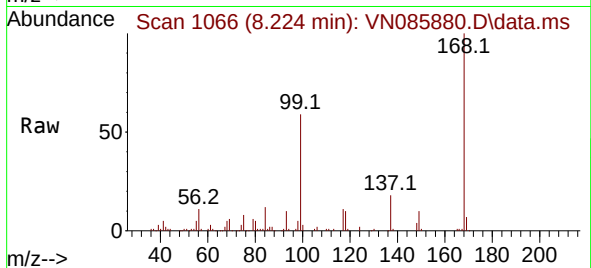
VSTDCCC050

Tgt Ion:168 Resp: 237819
Ion Ratio Lower Upper
168 100
99 58.5 47.9 71.9

Manual Integrations

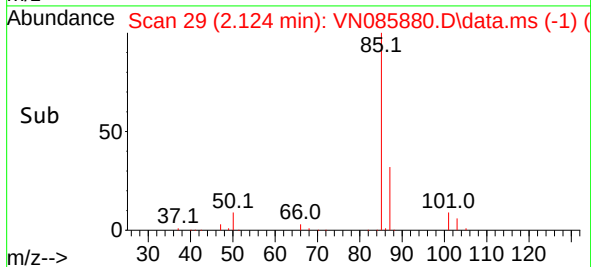
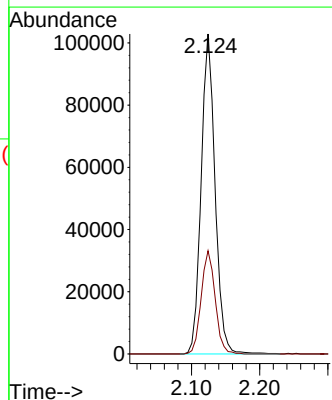
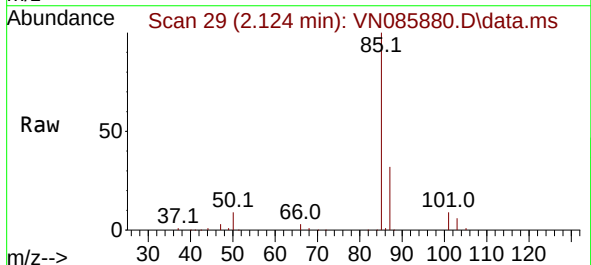
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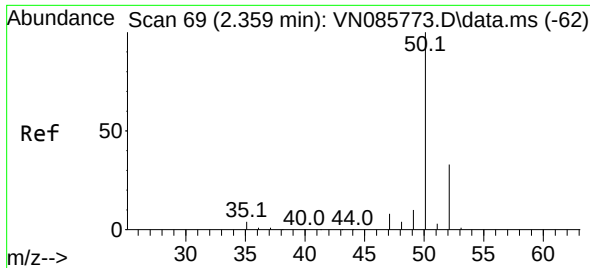
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#2
Dichlorodifluoromethane
Concen: 45.097 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

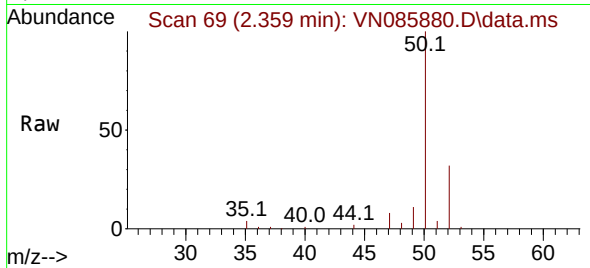
Tgt Ion: 85 Resp: 145881
Ion Ratio Lower Upper
85 100
87 32.2 16.4 49.2





#3
Chloromethane
Concen: 42.298 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

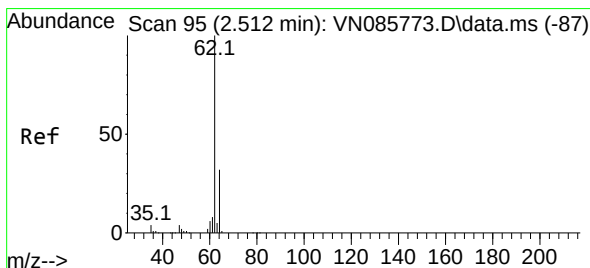
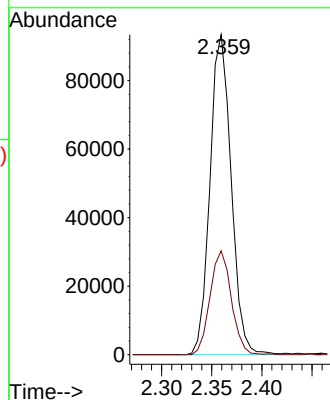
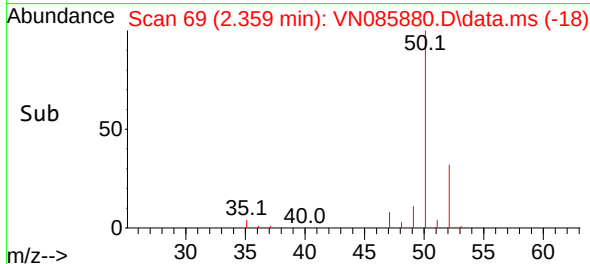
Instrument :
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VSTDCCC050



Tgt Ion: 50 Resp: 137300
Ion Ratio Lower Upper
50 100
52 32.5 26.7 40.1

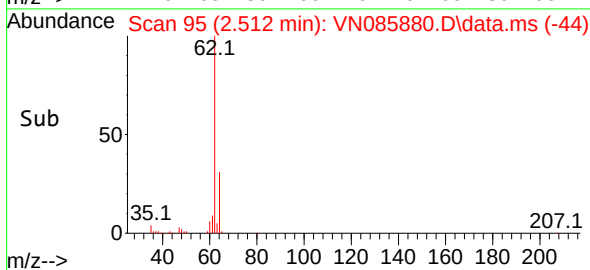
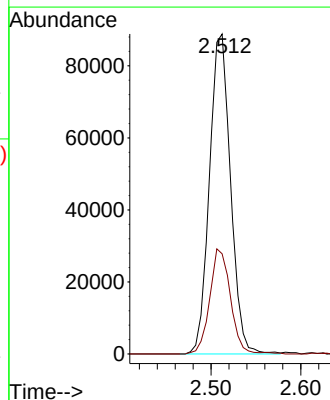
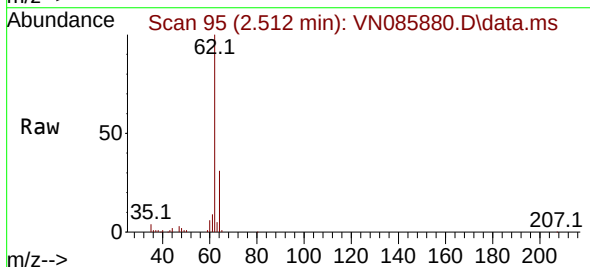
Manual Integrations
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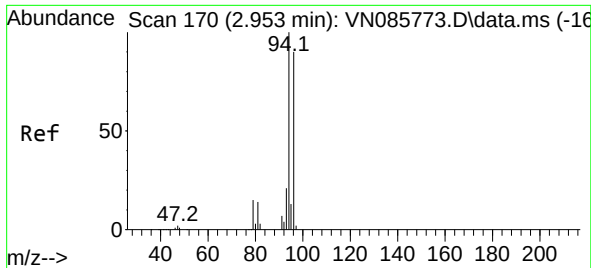
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#4
Vinyl Chloride
Concen: 42.241 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

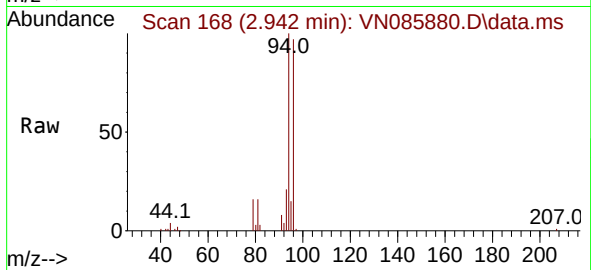
Tgt Ion: 62 Resp: 145176
Ion Ratio Lower Upper
62 100
64 31.3 25.9 38.9





#5
Bromomethane
Concen: 40.007 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

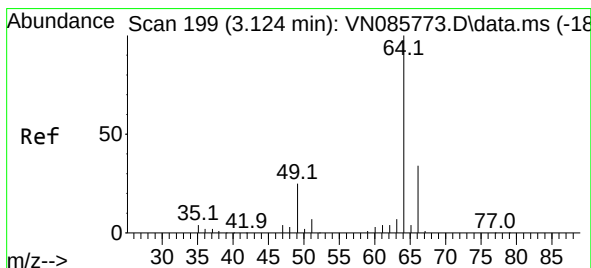
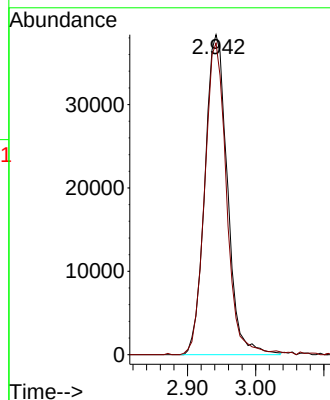
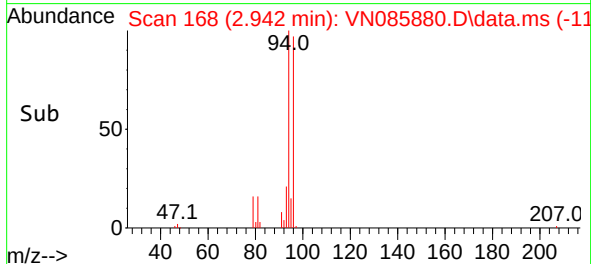
Instrument :
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Tgt Ion: 94 Resp: 87919
Ion Ratio Lower Upper
94 100
96 97.3 71.7 107.5

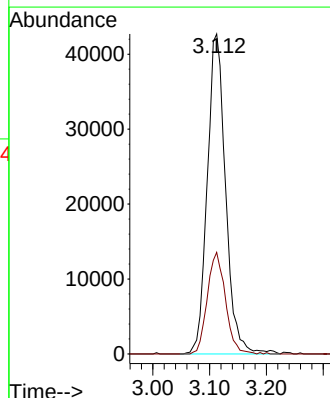
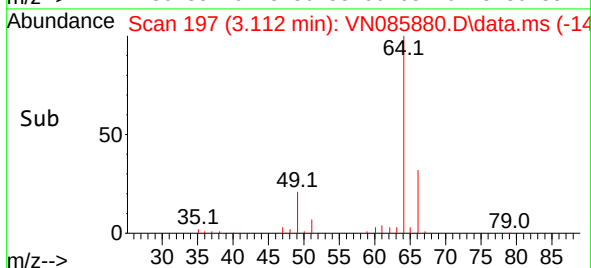
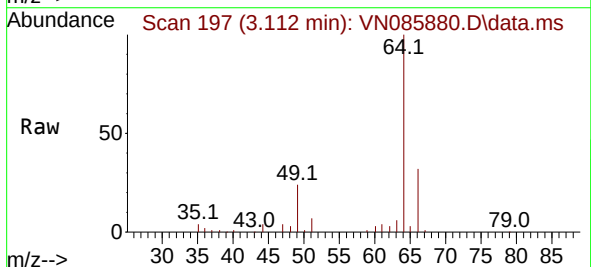
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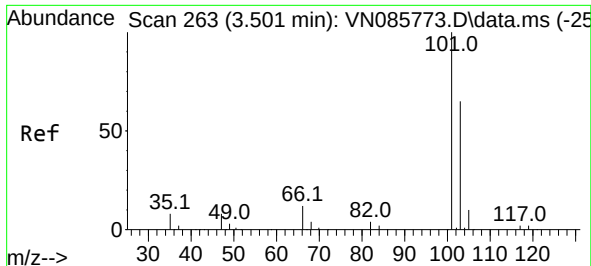
Reviewed By :John Carlone 02/28/2025
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#6
Chloroethane
Concen: 41.945 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.012 min
Lab File: VN085880.D
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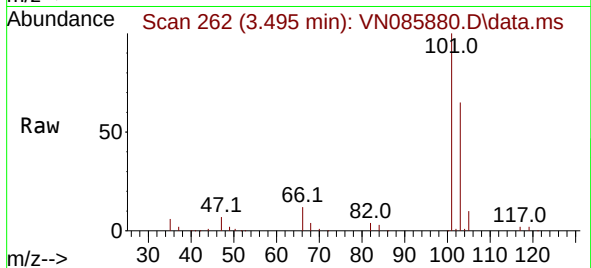
Tgt Ion: 64 Resp: 95487
Ion Ratio Lower Upper
64 100
66 31.8 27.0 40.6





#7
 Trichlorofluoromethane
 Concen: 45.340 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN085880.D
 Acq: 27 Feb 2025 10:18

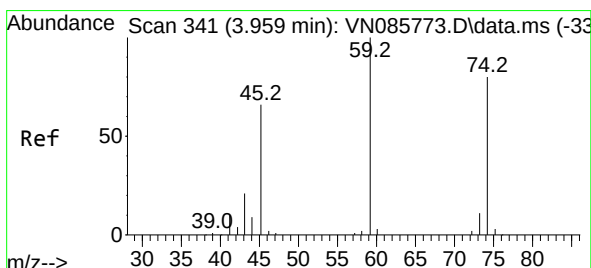
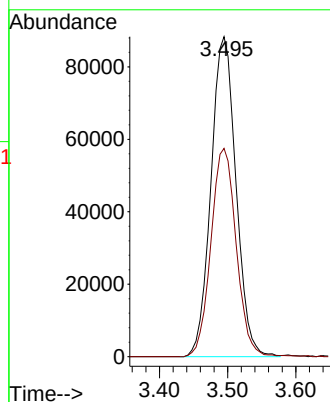
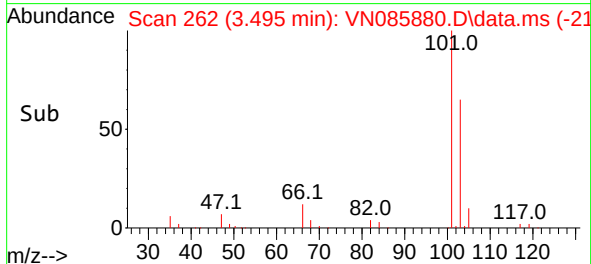
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 22561
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.2 78.4

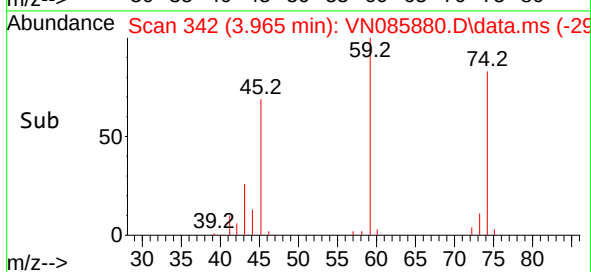
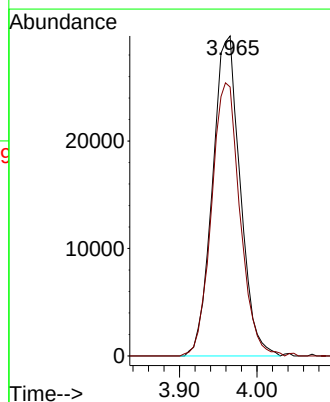
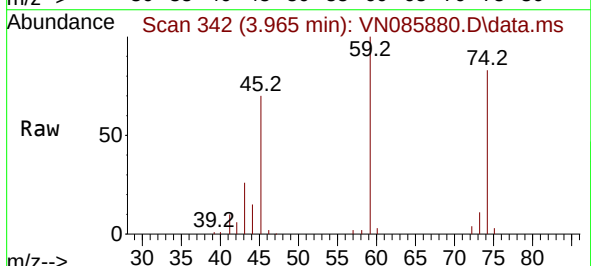
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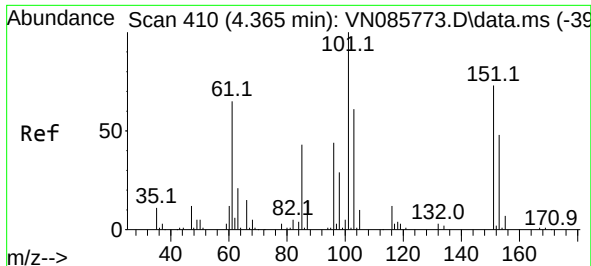
Reviewed By :John Carlone 02/28/2025
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#8
 Diethyl Ether
 Concen: 45.973 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN085880.D
 Acq: 27 Feb 2025 10:18

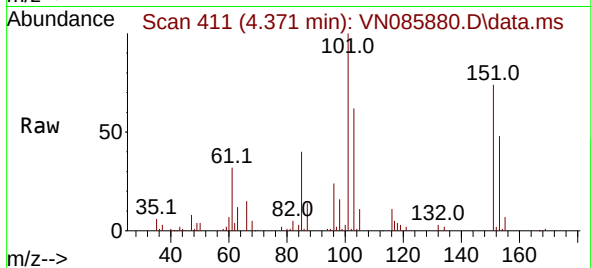
Tgt Ion: 74 Resp: 74019
 Ion Ratio Lower Upper
 74 100
 45 87.7 42.5 127.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.898 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN085880.D
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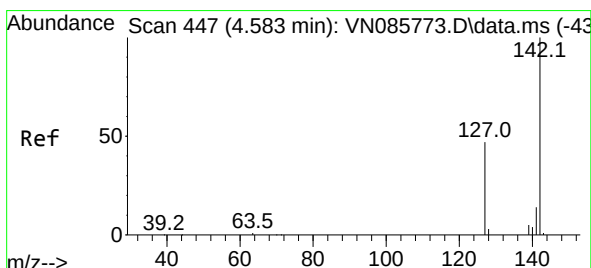
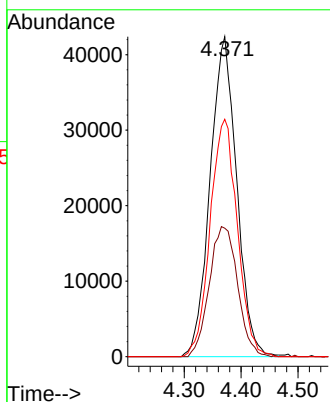
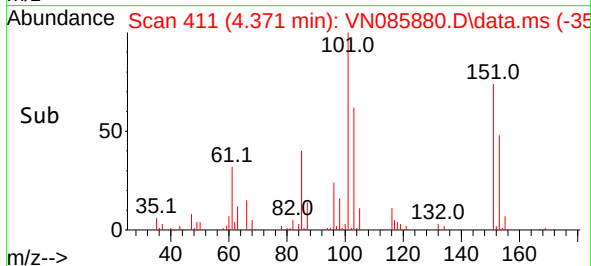
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



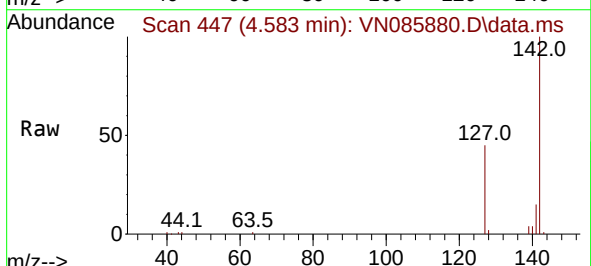
Tgt Ion:101 Resp: 137772
Ion Ratio Lower Upper
101 100
85 43.3 35.7 53.5
151 75.8 61.4 92.2

Manual Integrations
APPROVED

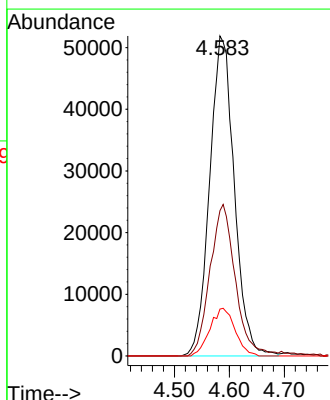
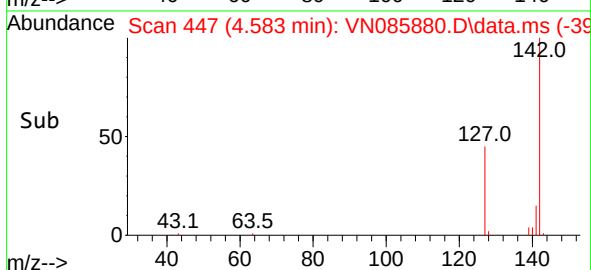
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

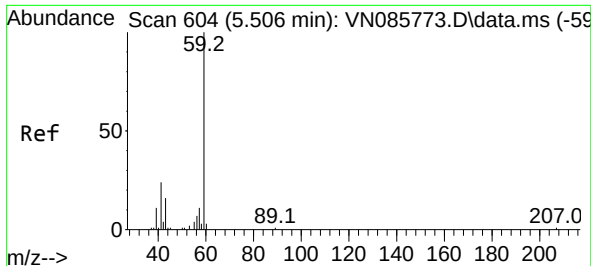


#10
Methyl Iodide
Concen: 45.502 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18



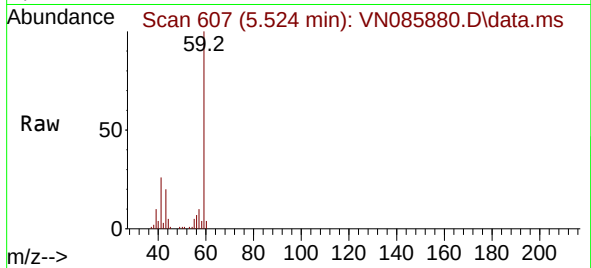
Tgt Ion:142 Resp: 161331
Ion Ratio Lower Upper
142 100
127 45.4 37.6 56.4
141 14.7 11.4 17.2





#11
Tert butyl alcohol
Concen: 273.255 ug/l
RT: 5.524 min Scan# 604
Delta R.T. 0.018 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

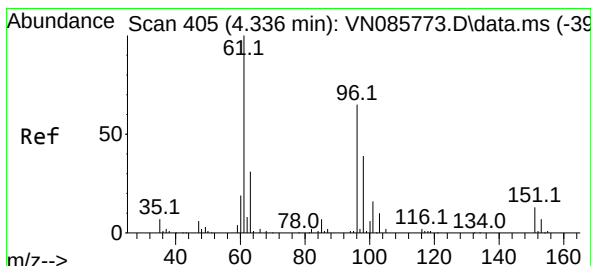
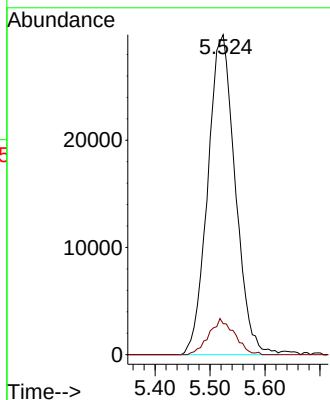
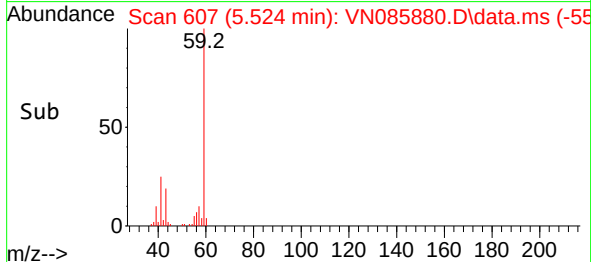
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



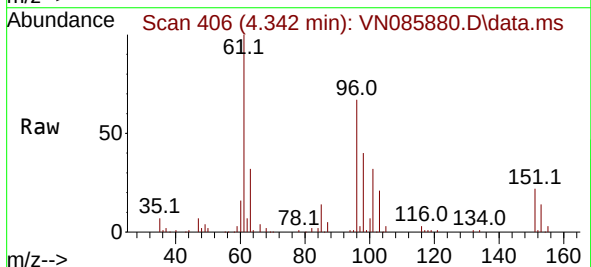
Tgt Ion: 59 Resp: 10362
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

Manual Integrations
APPROVED

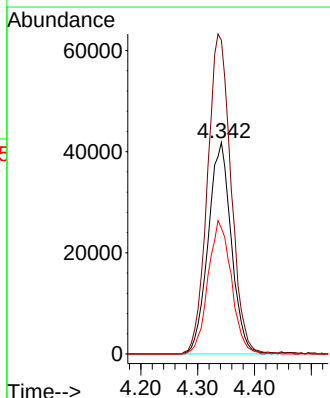
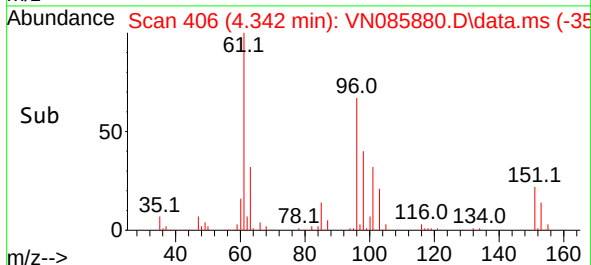
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

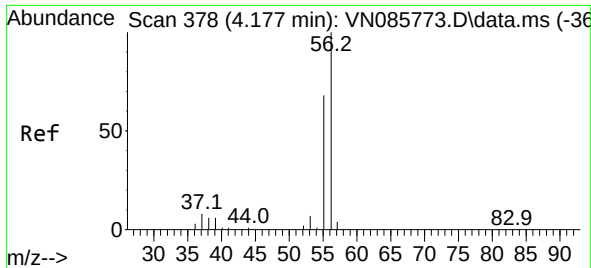


#12
1,1-Dichloroethene
Concen: 45.375 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18



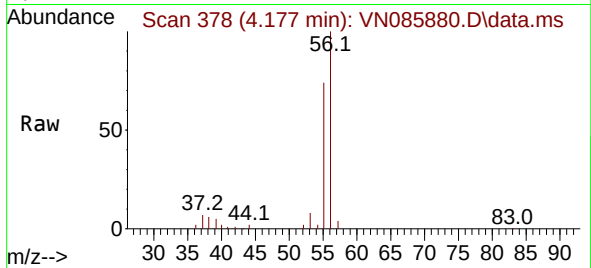
Tgt Ion: 96 Resp: 118340
Ion Ratio Lower Upper
96 100
61 148.2 123.3 184.9
98 59.4 48.6 72.8





#13
Acrolein
Concen: 248.984 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

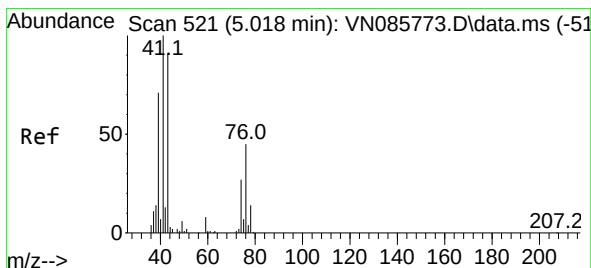
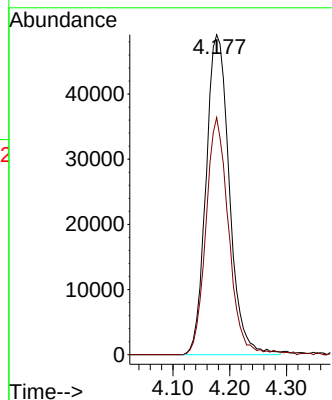
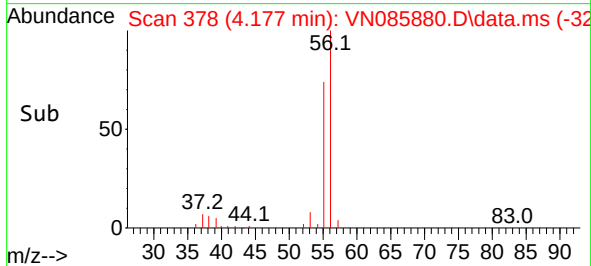
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 14001
Ion Ratio Lower Upper
56 100
55 71.6 55.3 82.9

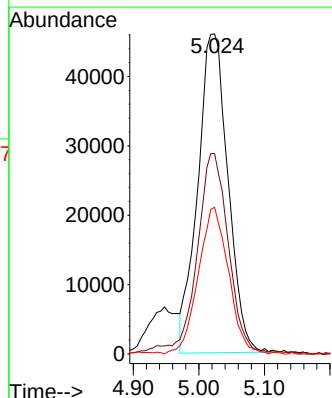
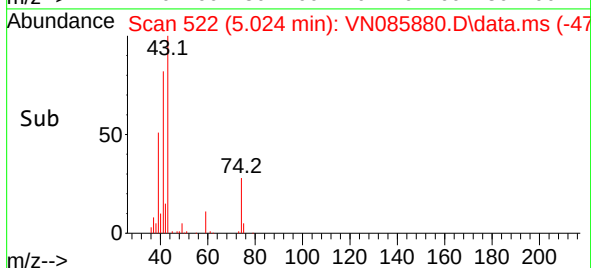
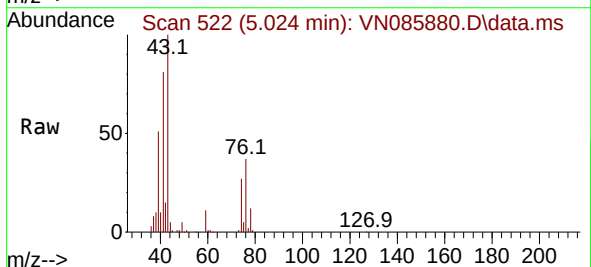
Manual Integrations
APPROVED

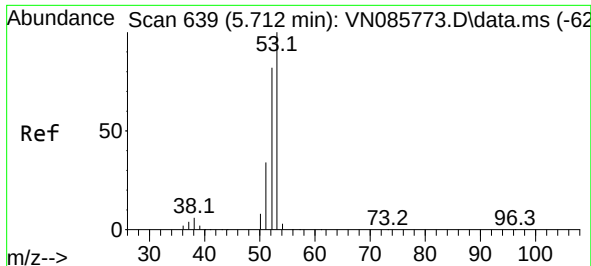
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#14
Allyl chloride
Concen: 43.118 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

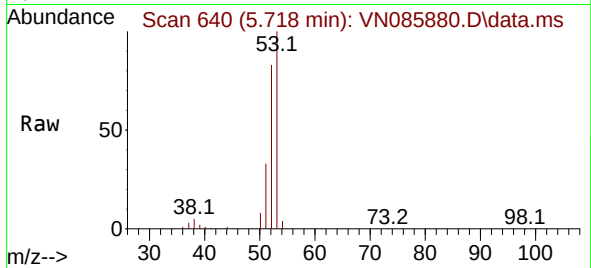
Tgt Ion: 41 Resp: 147641
Ion Ratio Lower Upper
41 100
39 65.7 57.4 86.2
76 45.8 36.2 54.2





#15
Acrylonitrile
Concen: 280.390 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

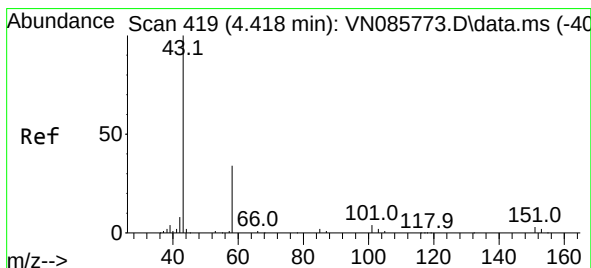
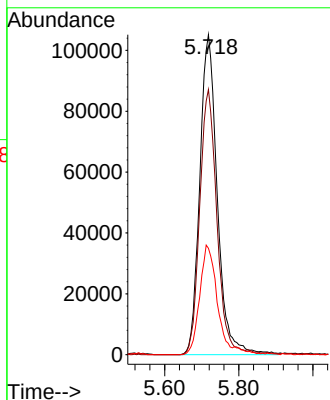
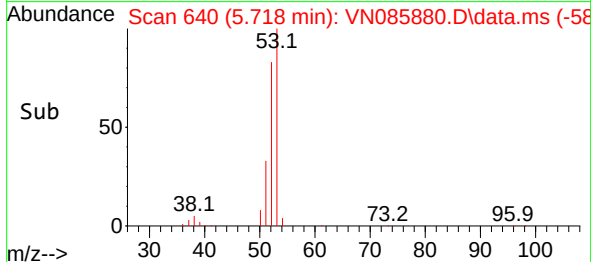
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



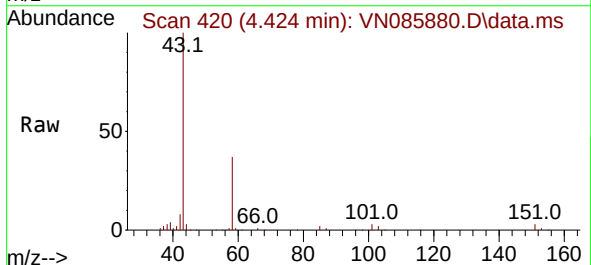
Tgt Ion: 53 Resp: 34566
Ion Ratio Lower Upper
53 100
52 81.5 65.8 98.6
51 33.3 28.6 42.8

Manual Integrations
APPROVED

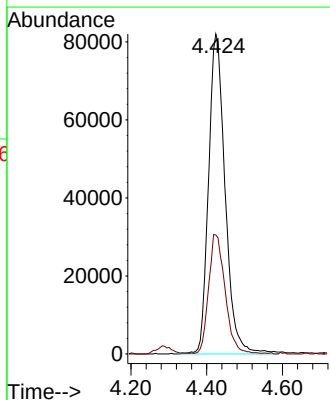
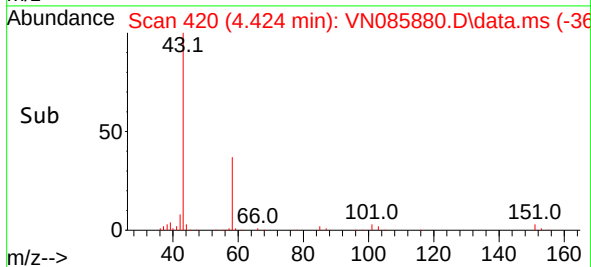
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

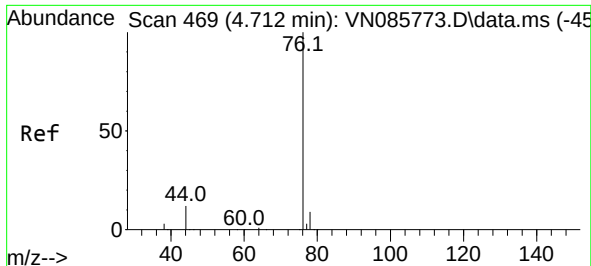


#16
Acetone
Concen: 255.601 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18



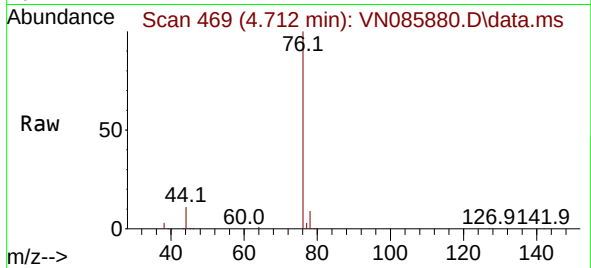
Tgt Ion: 43 Resp: 249363
Ion Ratio Lower Upper
43 100
58 37.2 27.5 41.3





#17
Carbon Disulfide
Concen: 40.628 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

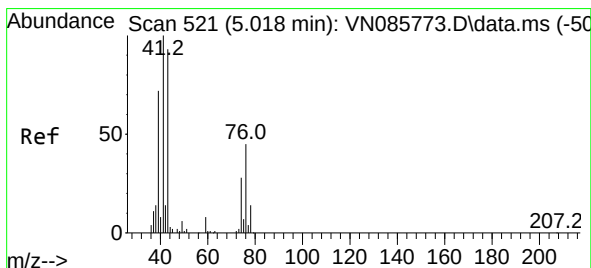
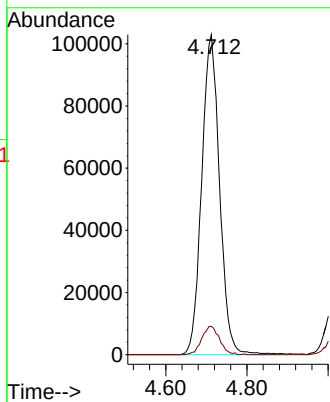
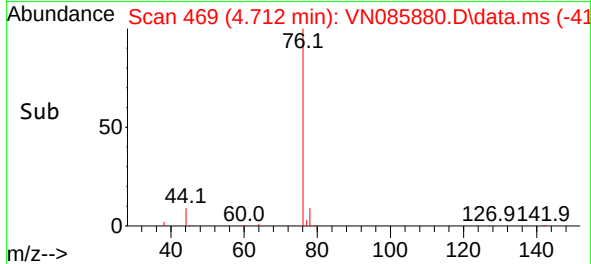
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



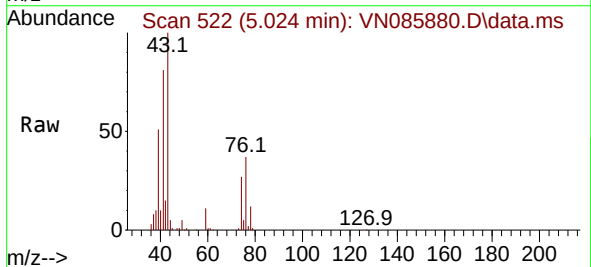
Tgt Ion: 76 Resp: 31403
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

Manual Integrations
APPROVED

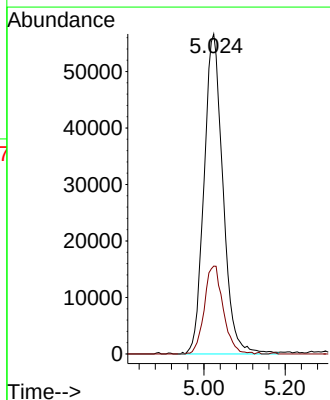
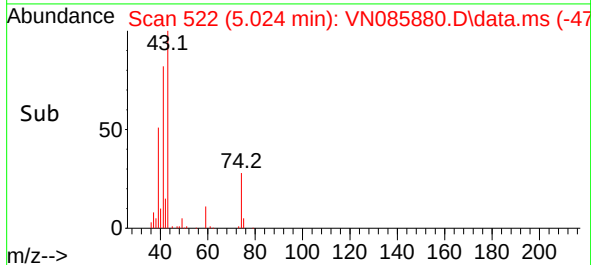
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

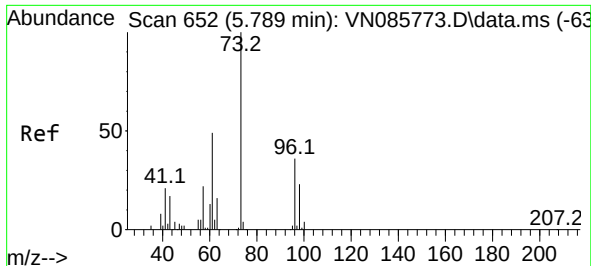


#18
Methyl Acetate
Concen: 54.509 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18



Tgt Ion: 43 Resp: 182909
Ion Ratio Lower Upper
43 100
74 27.5 22.2 33.4





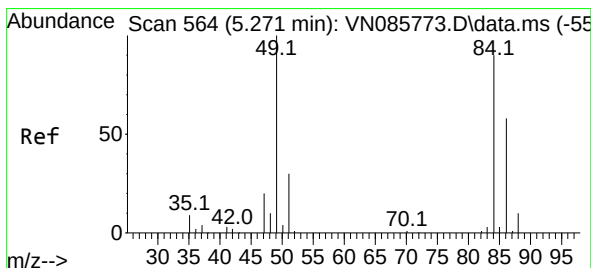
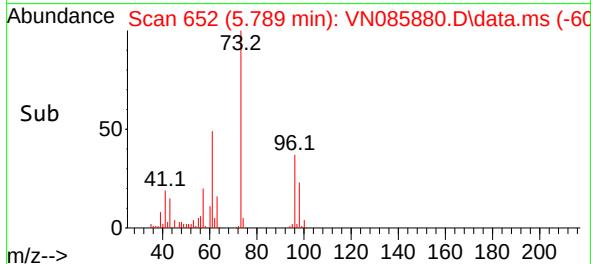
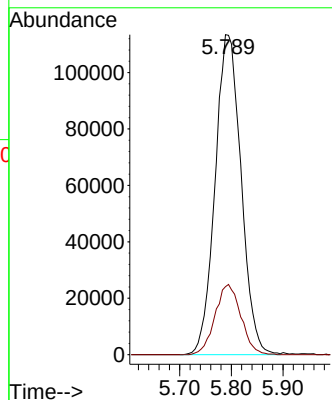
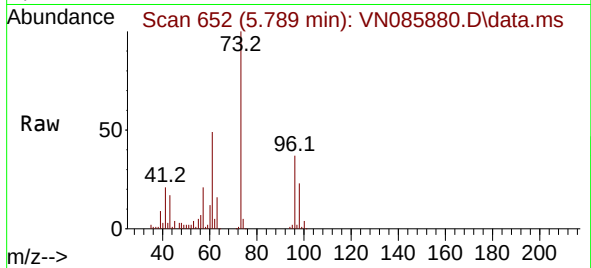
#19
Methyl tert-butyl Ether
Concen: 51.143 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 396349
Ion Ratio Lower Upper
73 100
57 21.3 17.6 26.4

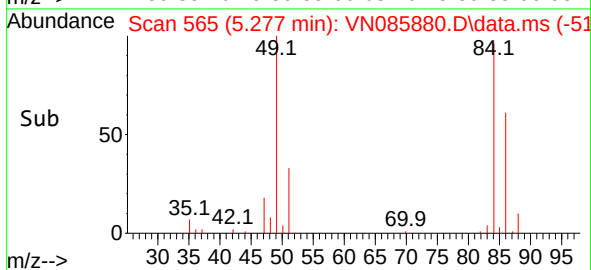
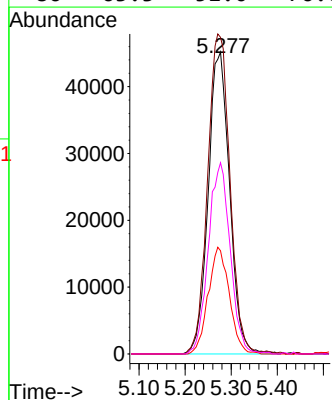
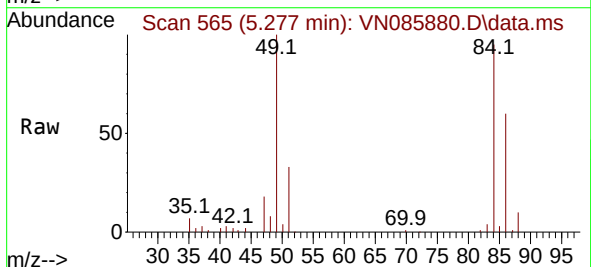
Manual Integrations
APPROVED

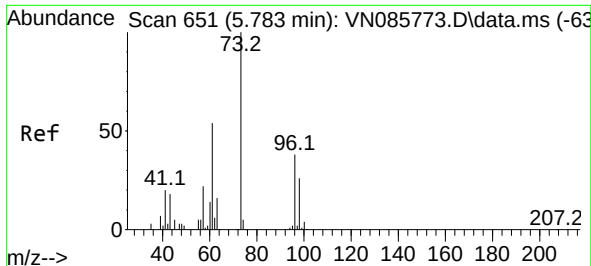
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#20
Methylene Chloride
Concen: 46.634 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

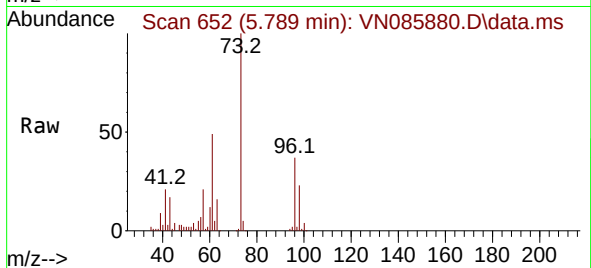
Tgt Ion: 84 Resp: 146309
Ion Ratio Lower Upper
84 100
49 104.9 88.4 132.6
51 34.2 26.6 40.0
86 63.3 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 46.188 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

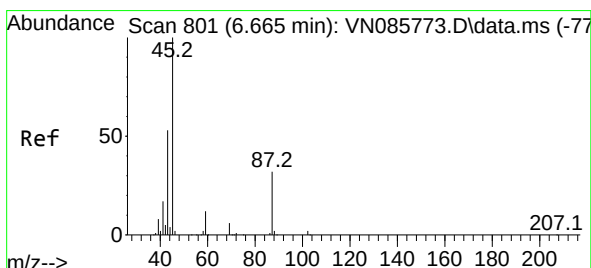
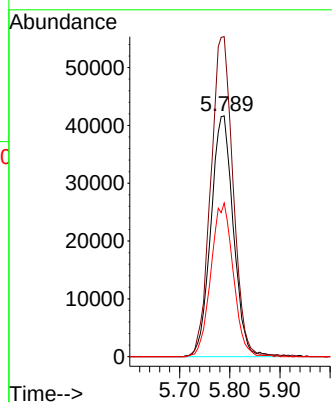
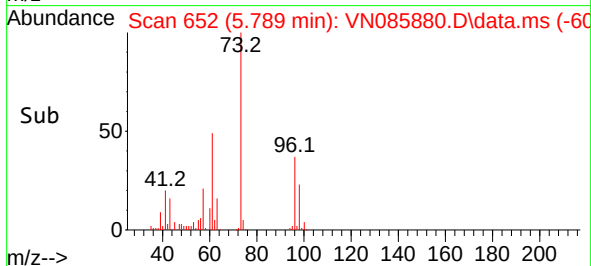
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



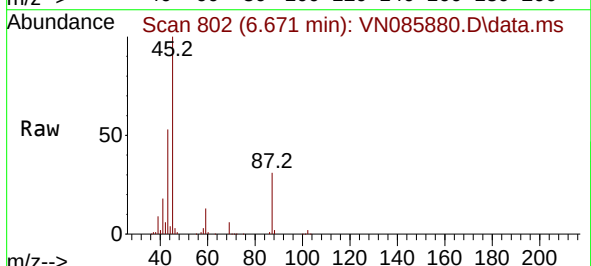
Tgt Ion: 96 Resp: 12970
Ion Ratio Lower Upper
96 100
61 132.9 112.6 168.8
98 63.8 53.3 79.9

Manual Integrations
APPROVED

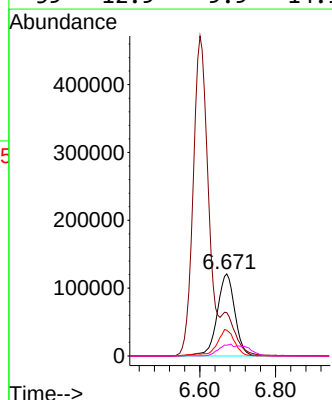
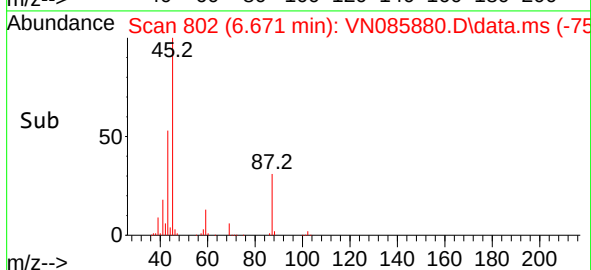
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

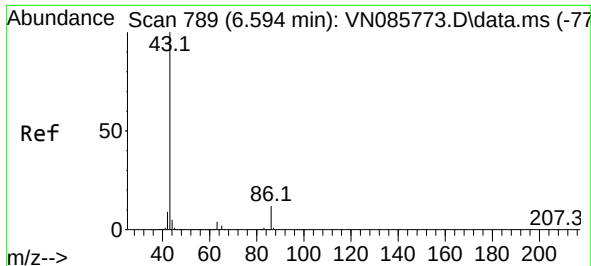


#22
Diisopropyl ether
Concen: 50.602 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18



Tgt Ion: 45 Resp: 391516
Ion Ratio Lower Upper
45 100
43 52.2 42.6 64.0
87 31.4 25.8 38.8
59 12.9 9.9 14.9





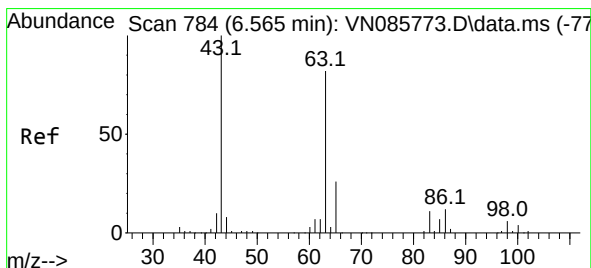
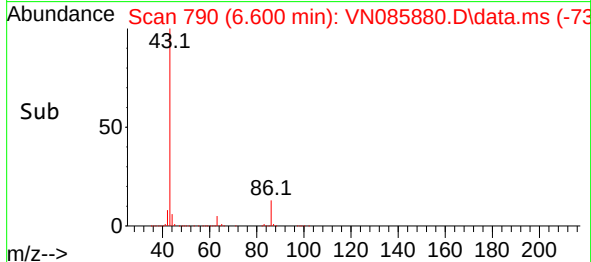
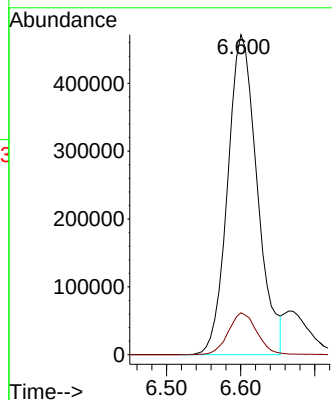
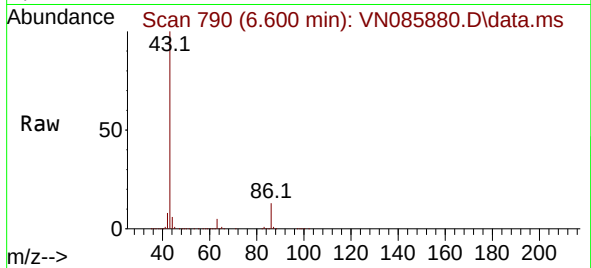
#23
 Vinyl Acetate
 Concen: 247.013 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085880.D
 Acq: 27 Feb 2025 10:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1308580
 Ion Ratio Lower Upper
 43 100
 86 13.1 9.8 14.8

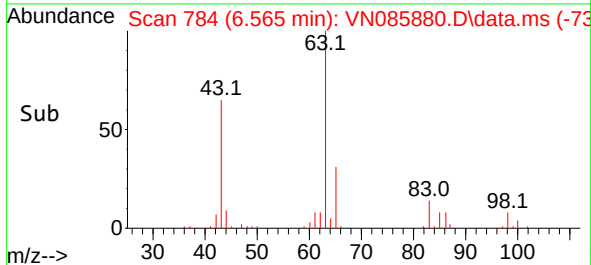
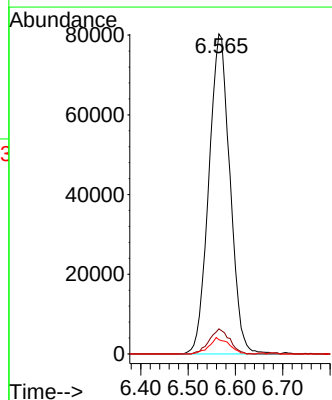
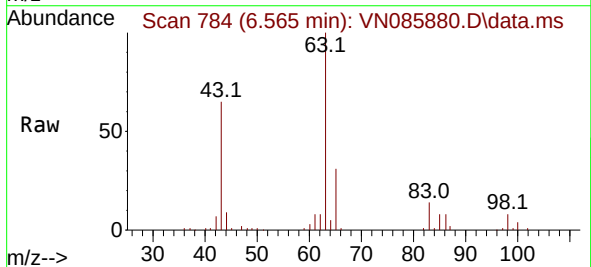
Manual Integrations
 APPROVED

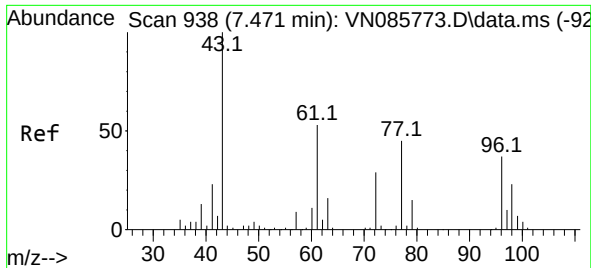
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025



#24
 1,1-Dichloroethane
 Concen: 47.301 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085880.D
 Acq: 27 Feb 2025 10:18

Tgt Ion: 63 Resp: 248787
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.4
 100 4.4 2.4 7.2





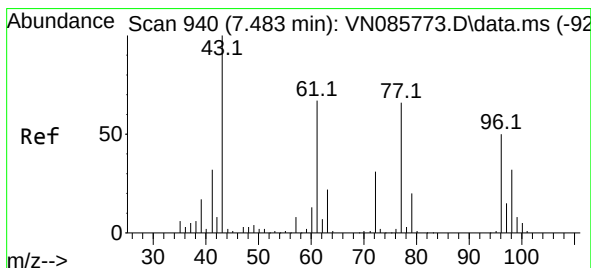
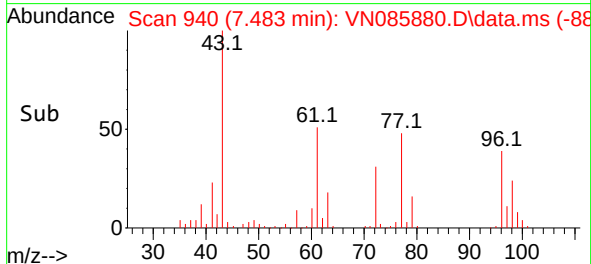
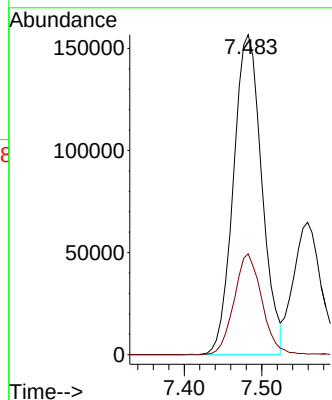
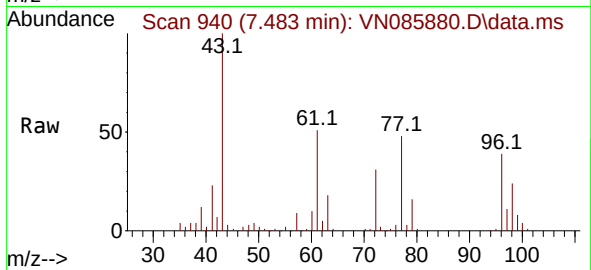
#25
2-Butanone
Concen: 278.911 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 400315
Ion Ratio Lower Upper
43 100
72 31.5 23.6 35.4

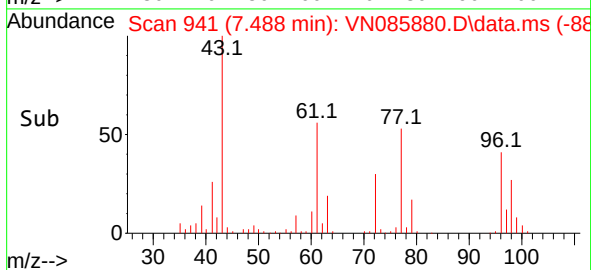
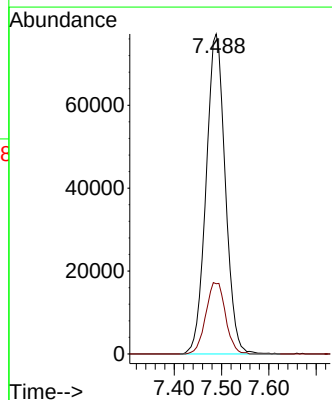
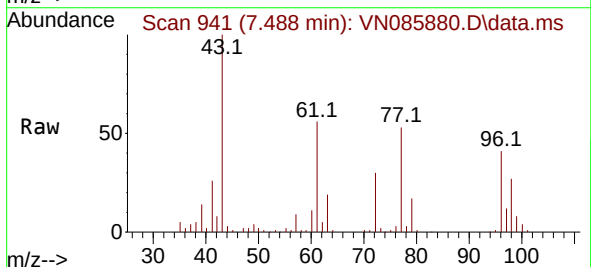
Manual Integrations
APPROVED

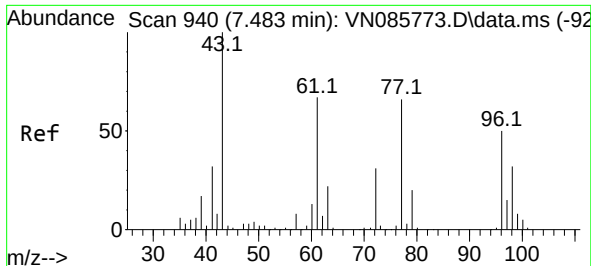
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#26
2,2-Dichloropropane
Concen: 46.396 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

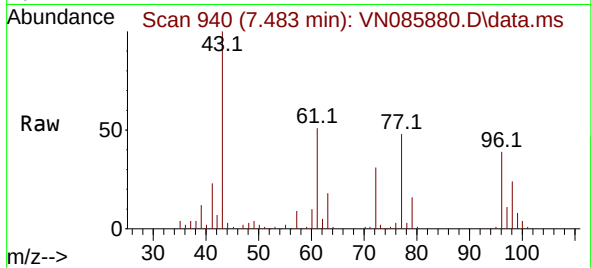
Tgt Ion: 77 Resp: 216992
Ion Ratio Lower Upper
77 100
97 22.9 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 47.587 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN085880.D
 Acq: 27 Feb 2025 10:18

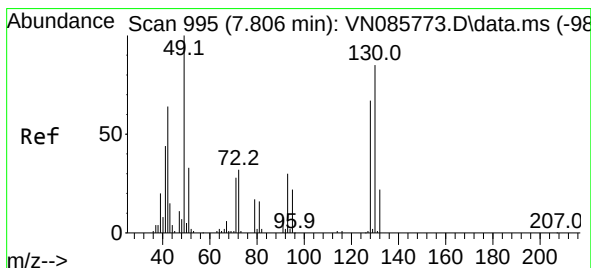
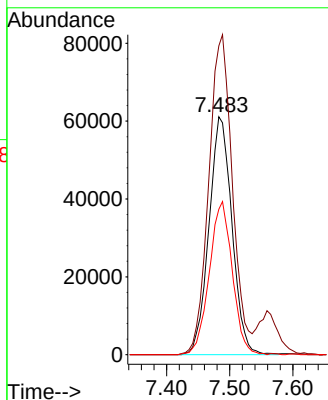
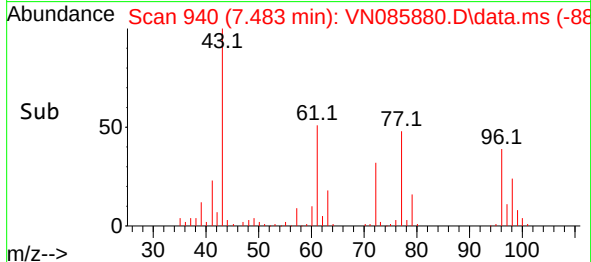
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 154948
 Ion Ratio Lower Upper
 96 100
 61 138.0 0.0 280.6
 98 64.2 0.0 128.6

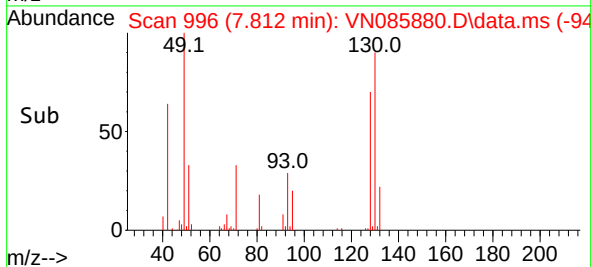
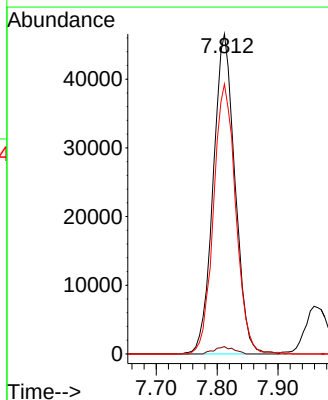
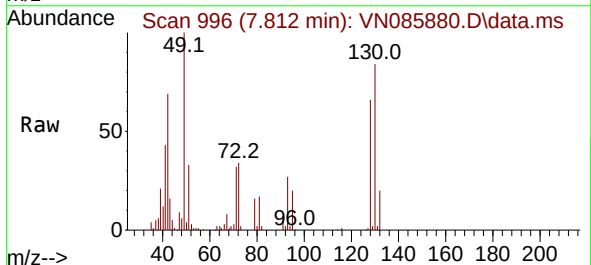
Manual Integrations
 APPROVED

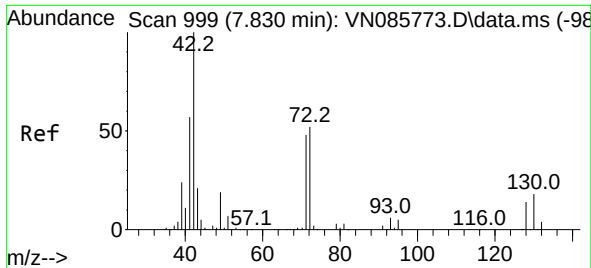
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025



#28
 Bromochloromethane
 Concen: 53.564 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085880.D
 Acq: 27 Feb 2025 10:18

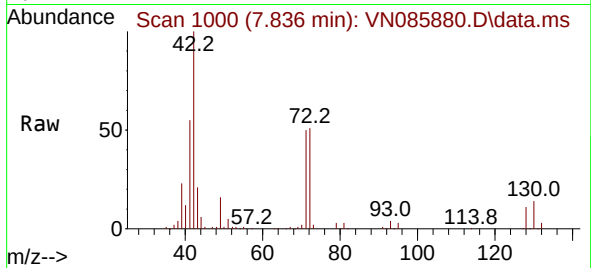
Tgt Ion: 49 Resp: 115793
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 85.9 68.0 102.0





#29
Tetrahydrofuran
Concen: 299.381 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

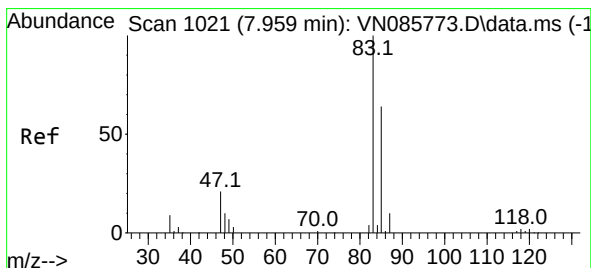
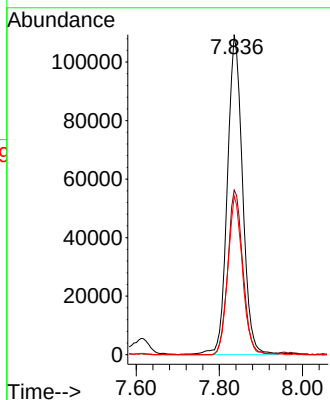
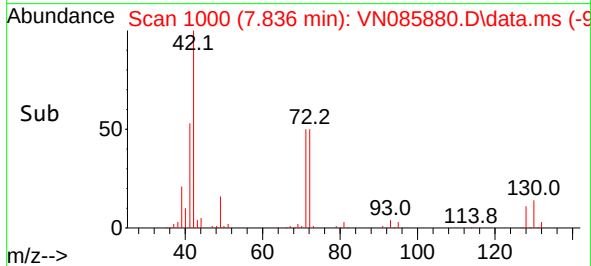
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



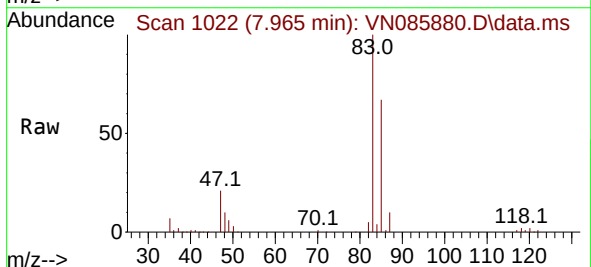
Tgt Ion: 42 Resp: 27747
Ion Ratio Lower Upper
42 100
72 50.7 40.0 60.0
71 47.6 37.0 55.4

Manual Integrations
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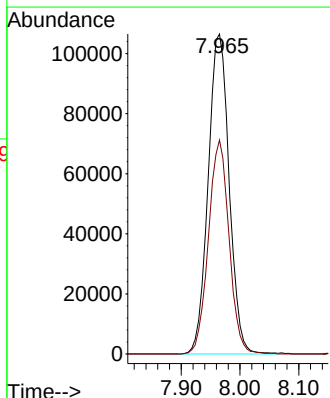
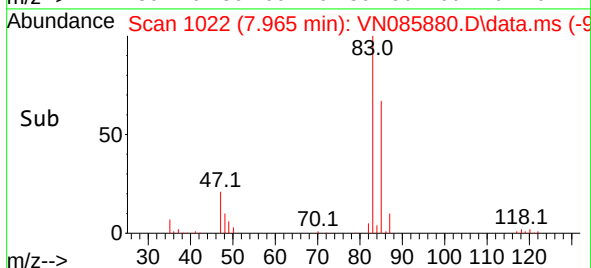
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

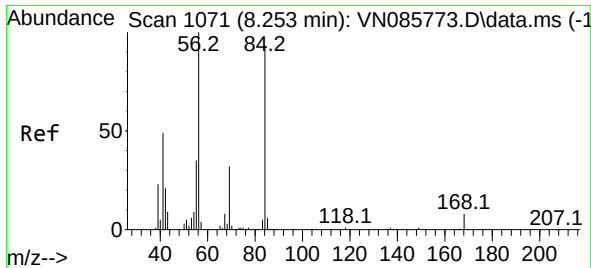


#30
Chloroform
Concen: 48.062 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18



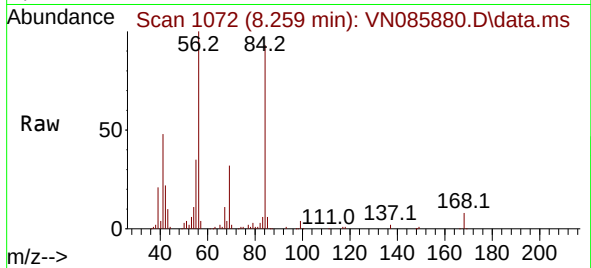
Tgt Ion: 83 Resp: 264172
Ion Ratio Lower Upper
83 100
85 66.9 50.9 76.3





#31
Cyclohexane
Concen: 41.469 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

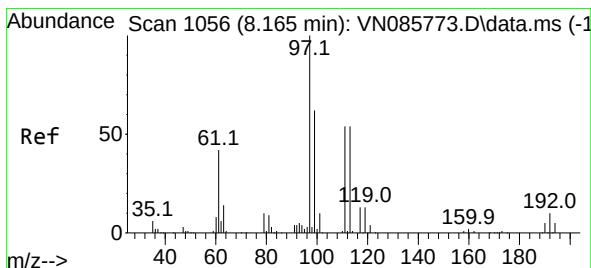
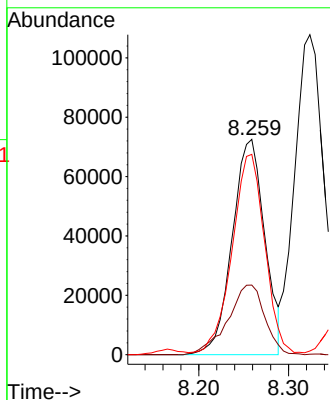
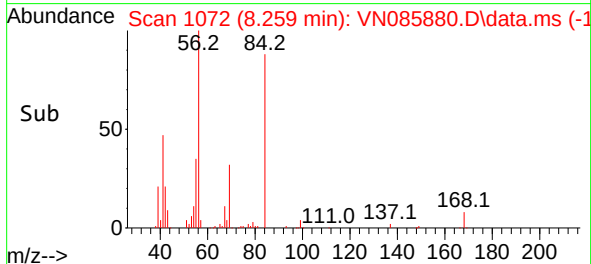
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



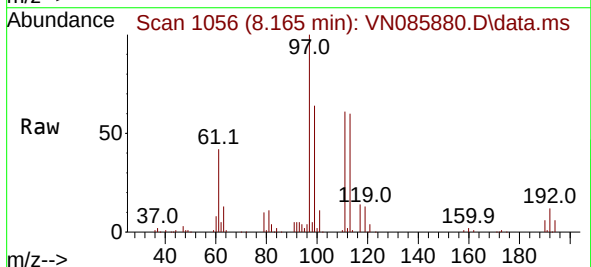
Tgt Ion: 56 Resp: 18262
Ion Ratio Lower Upper
56 100
69 32.3 25.8 38.6
84 91.6 74.5 111.7

Manual Integrations
APPROVED

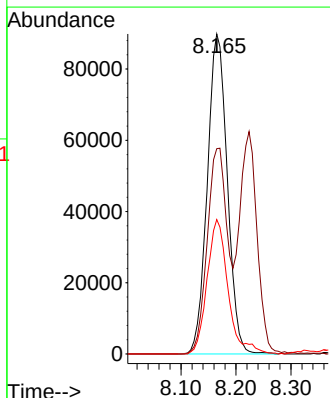
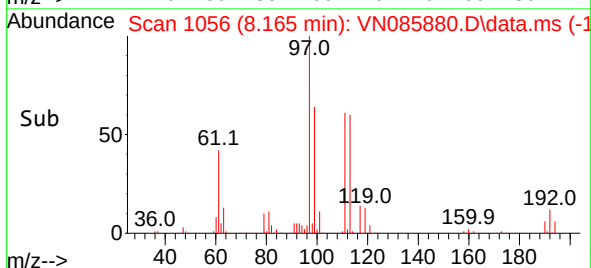
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

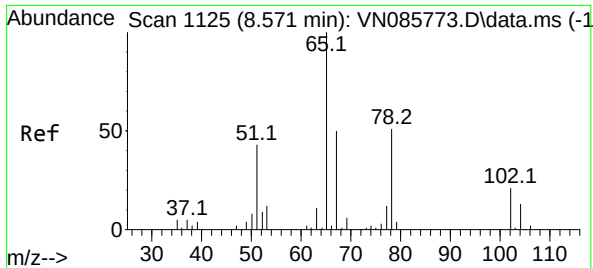


#32
1,1,1-Trichloroethane
Concen: 46.474 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18



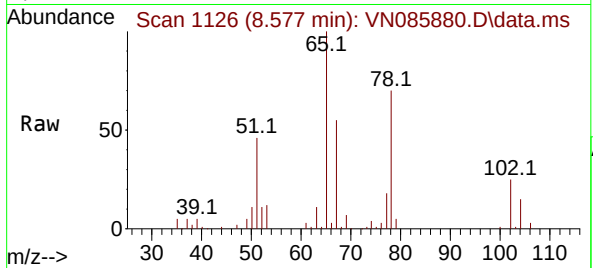
Tgt Ion: 97 Resp: 227205
Ion Ratio Lower Upper
97 100
99 65.3 50.4 75.6
61 44.1 35.5 53.3





#33
 1,2-Dichloroethane-d4
 Concen: 48.093 ug/l
 RT: 8.577 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: VN085880.D
 Acq: 27 Feb 2025 10:18

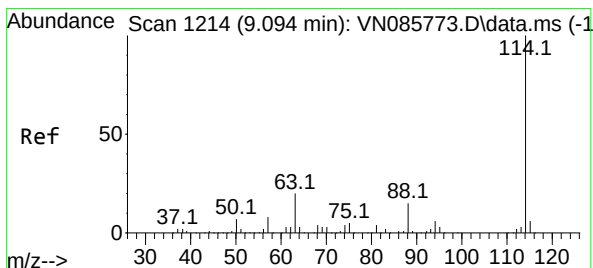
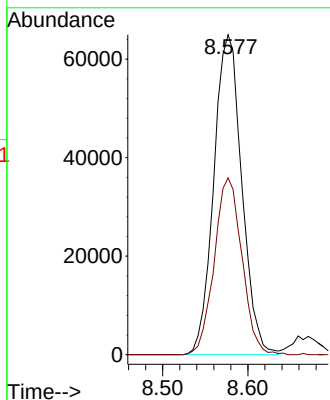
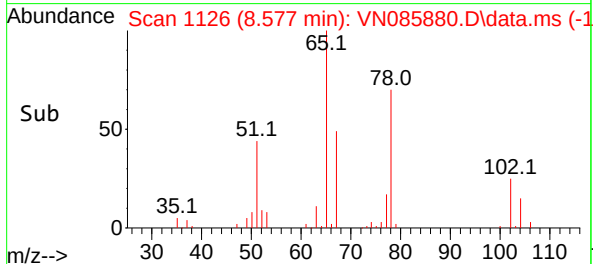
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



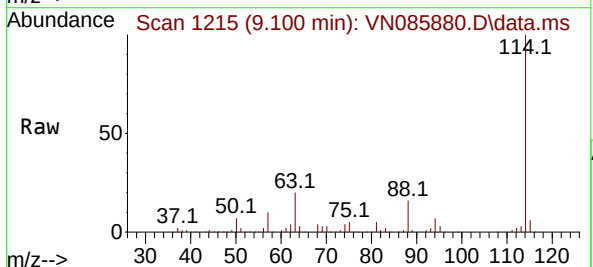
Tgt Ion: 65 Resp: 14828
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 106.2

Manual Integrations
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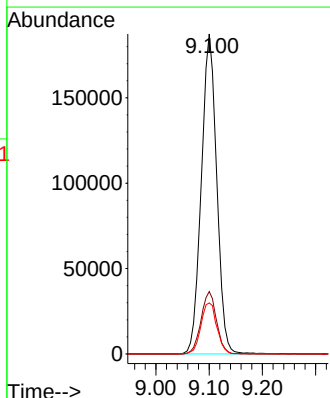
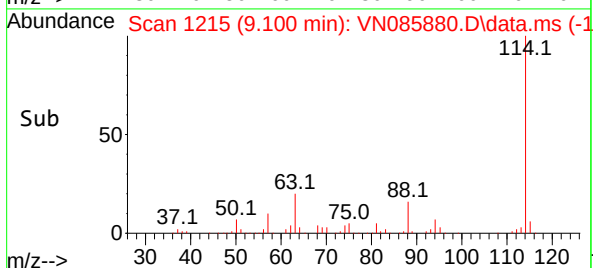
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025

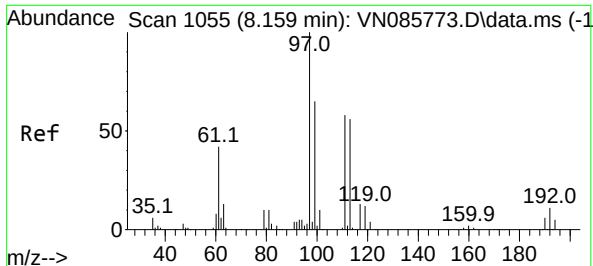


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085880.D
 Acq: 27 Feb 2025 10:18



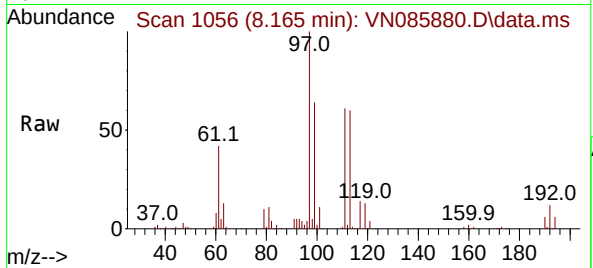
Tgt Ion:114 Resp: 375919
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.2
 88 15.9 0.0 30.0





#35
Dibromofluoromethane
Concen: 53.209 ug/l
RT: 8.165 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

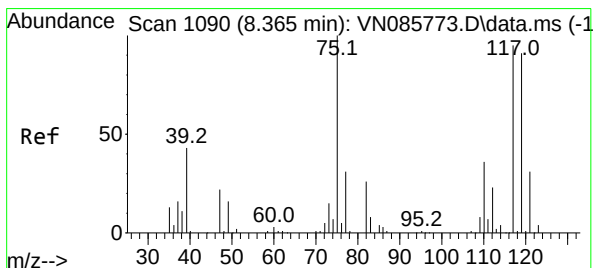
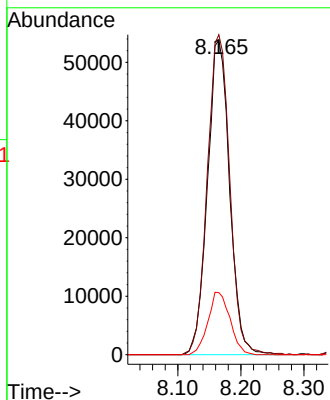
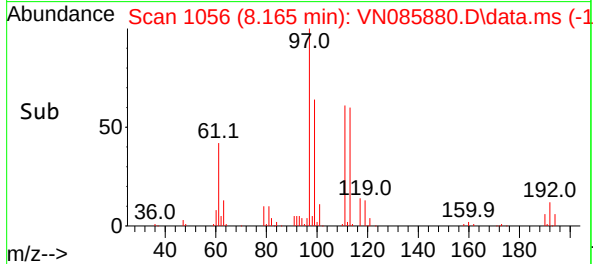
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 13088
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 19.8 14.7 22.1

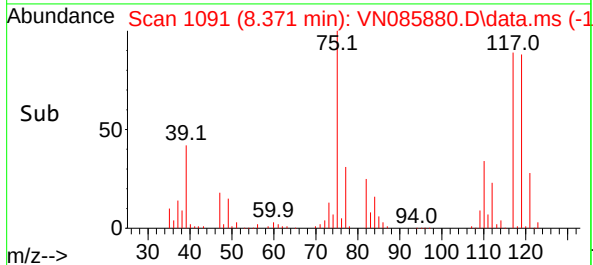
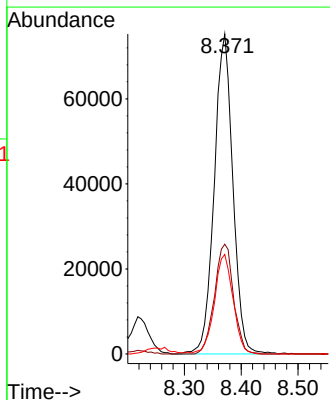
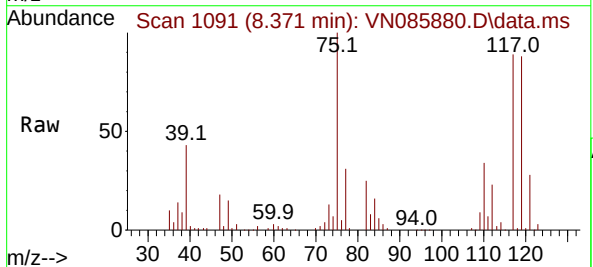
Manual Integrations
APPROVED

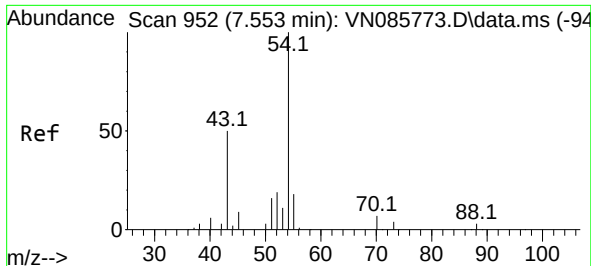
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#36
1,1-Dichloropropene
Concen: 49.280 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

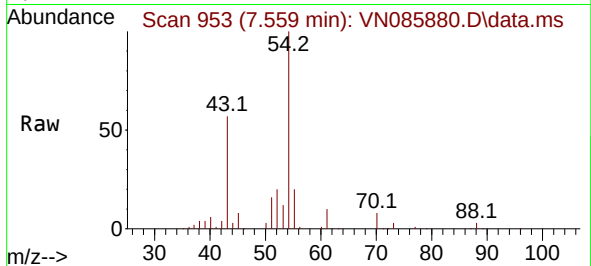
Tgt Ion: 75 Resp: 171560
Ion Ratio Lower Upper
75 100
110 35.0 17.3 52.0
77 31.3 24.6 37.0





#37
Ethyl Acetate
Concen: 57.103 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

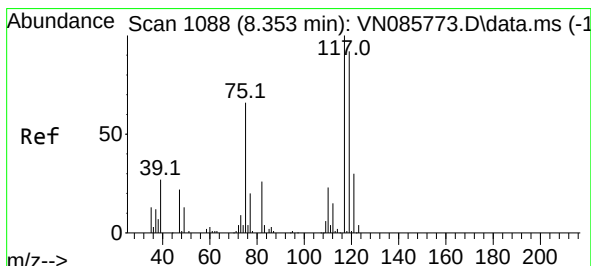
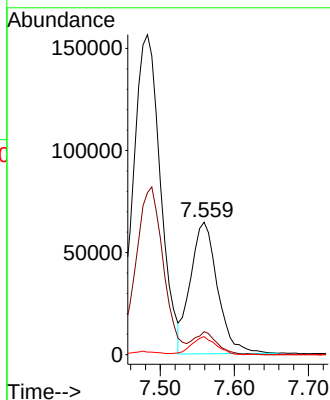
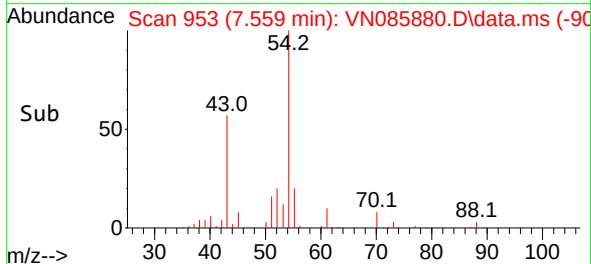
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 16359
Ion Ratio Lower Upper
43 100
61 15.1 12.2 18.2
70 12.5 9.5 14.3

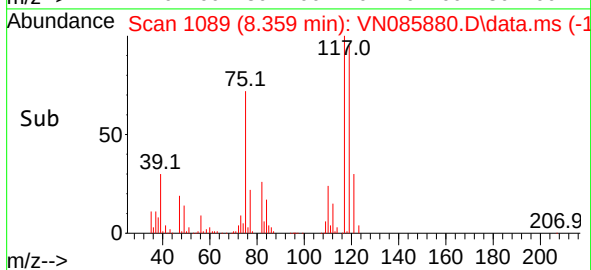
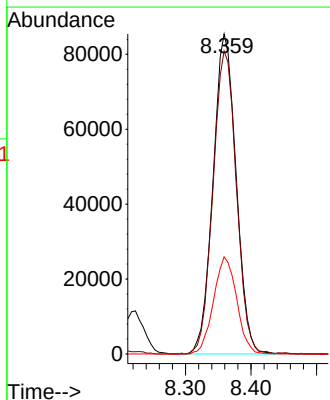
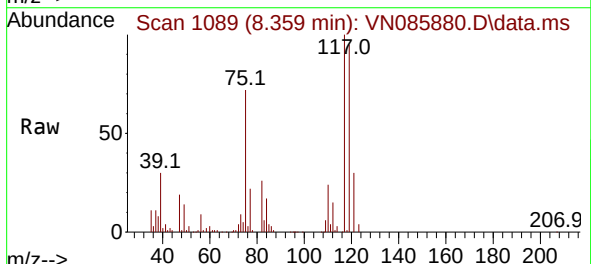
Manual Integrations
APPROVED

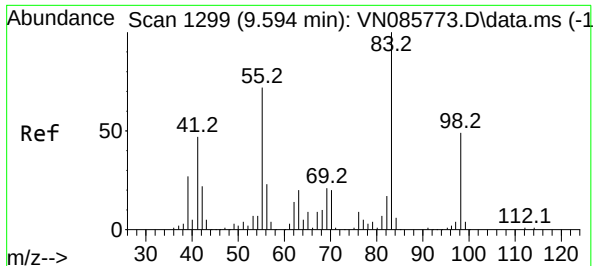
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#38
Carbon Tetrachloride
Concen: 50.443 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

Tgt Ion:117 Resp: 208658
Ion Ratio Lower Upper
117 100
119 94.7 73.8 110.6
121 30.4 24.3 36.5





#39

Methylcyclohexane

Concen: 47.442 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN085880.D

Acq: 27 Feb 2025 10:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 16225

Ion Ratio Lower Upper

83 100

55 75.2 57.5 86.3

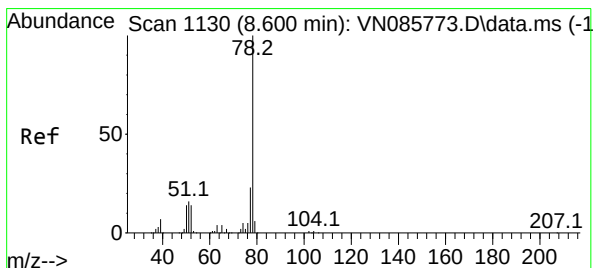
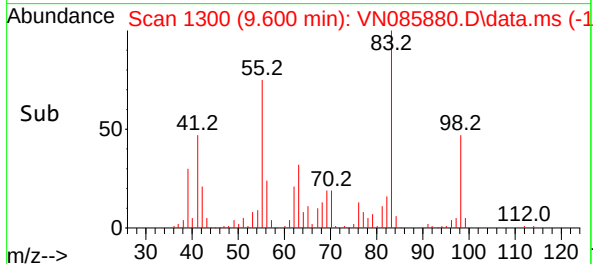
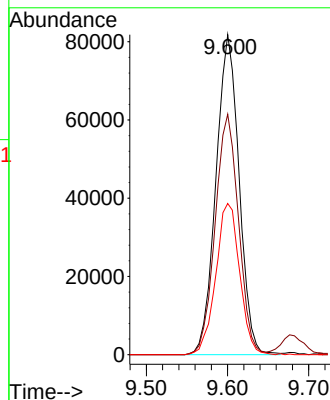
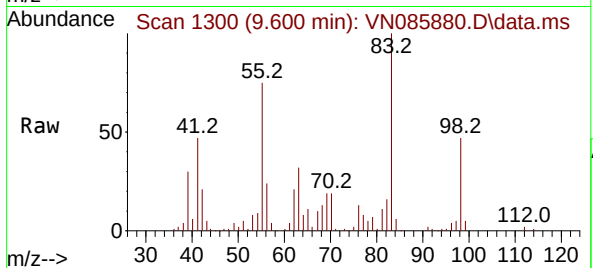
98 47.3 39.2 58.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#40

Benzene

Concen: 51.244 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN085880.D

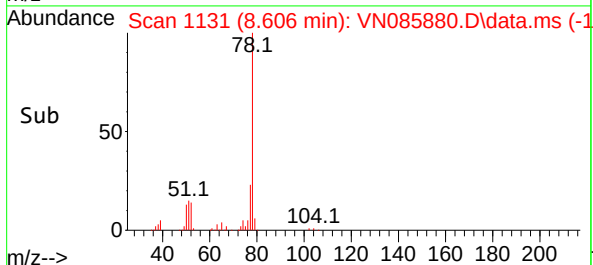
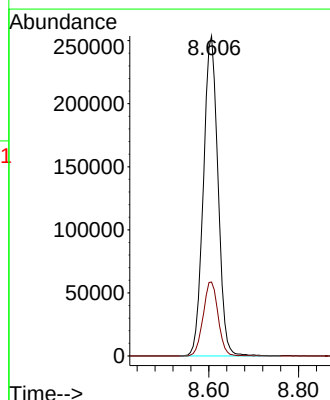
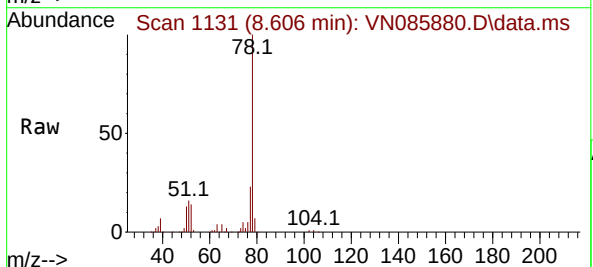
Acq: 27 Feb 2025 10:18

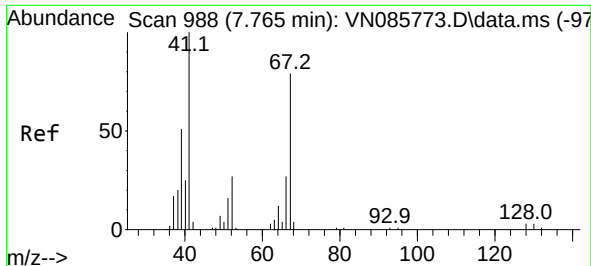
Tgt Ion: 78 Resp: 571775

Ion Ratio Lower Upper

78 100

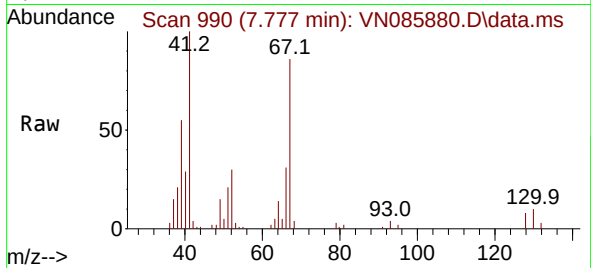
77 23.1 18.3 27.5





#41
Methacrylonitrile
Concen: 54.790 ug/l
RT: 7.777 min Scan# 988
Delta R.T. 0.012 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

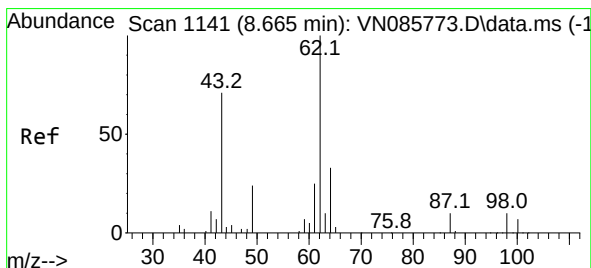
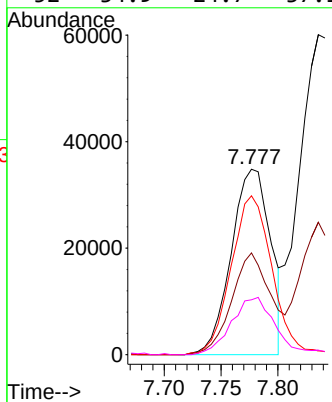
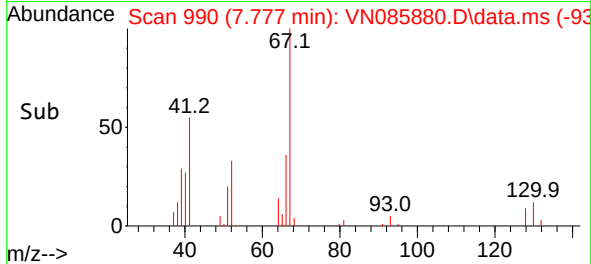
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 83912
Ion Ratio Lower Upper
41 100
39 55.3 42.0 63.0
67 90.0 64.2 96.4
52 34.9 24.7 37.1

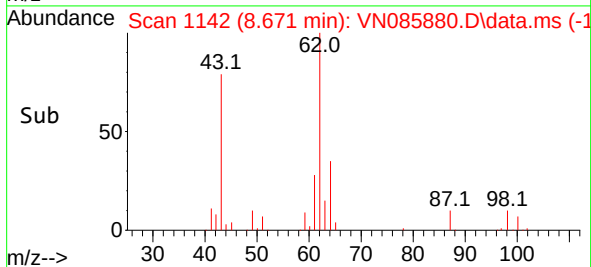
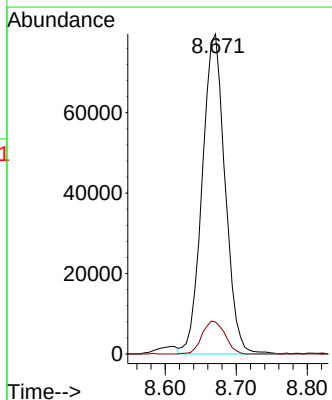
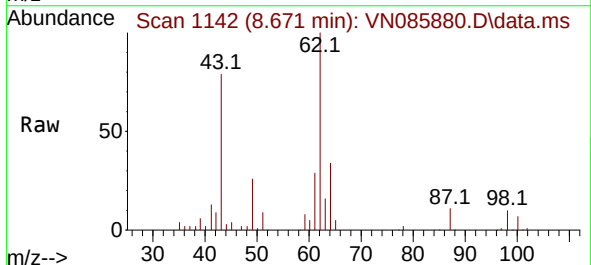
Manual Integrations
APPROVED

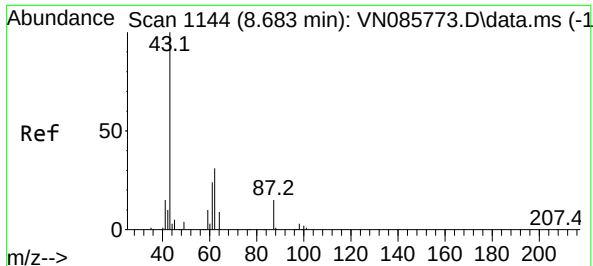
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#42
1,2-Dichloroethane
Concen: 48.992 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

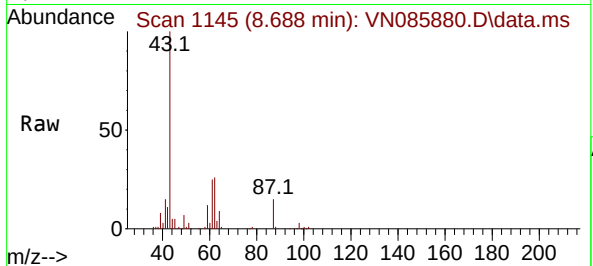
Tgt Ion: 62 Resp: 178056
Ion Ratio Lower Upper
62 100
98 10.3 0.0 19.6





#43
Isopropyl Acetate
Concen: 51.298 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

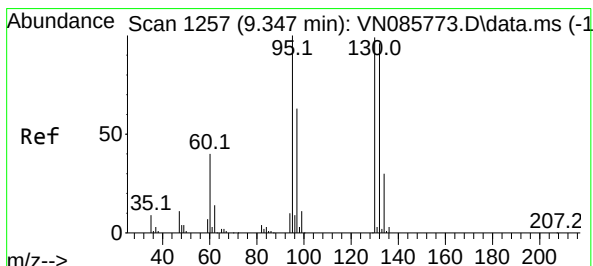
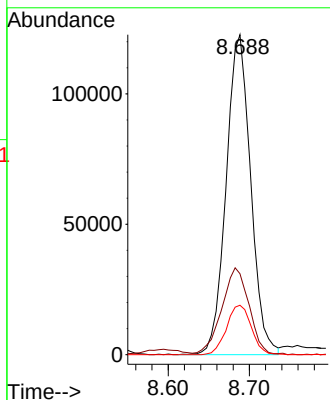
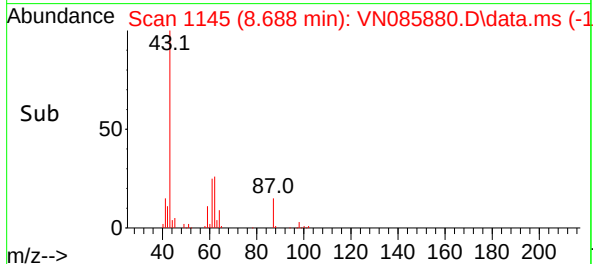
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 257848
Ion Ratio Lower Upper
43 100
61 30.3 22.6 34.0
87 15.6 11.8 17.8

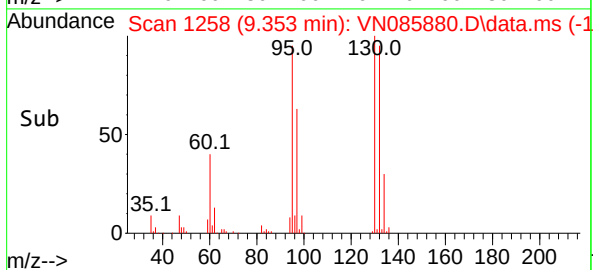
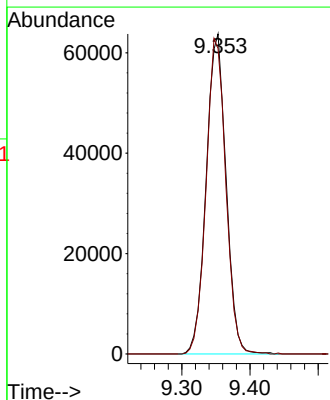
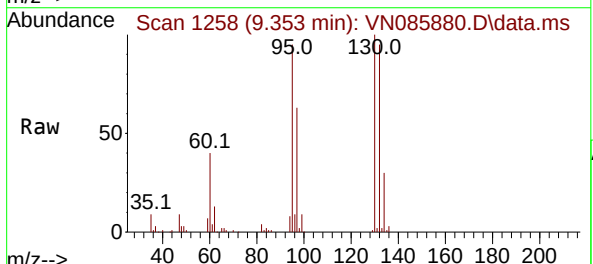
Manual Integrations
APPROVED

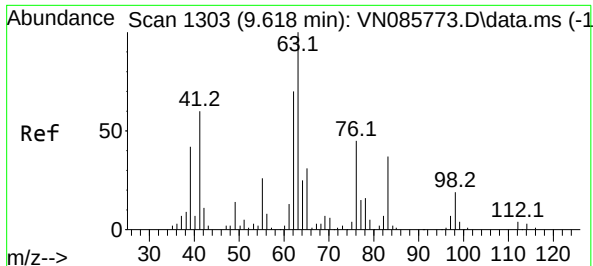
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#44
Trichloroethene
Concen: 47.220 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

Tgt Ion:130 Resp: 129365
Ion Ratio Lower Upper
130 100
95 95.4 0.0 202.6





#45

1,2-Dichloropropane

Concen: 53.197 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN085880.D

Acq: 27 Feb 2025 10:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 143270

Ion Ratio Lower Upper

63 100

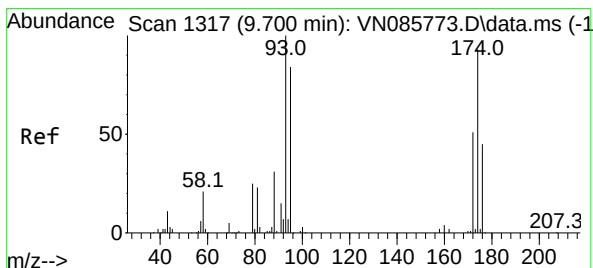
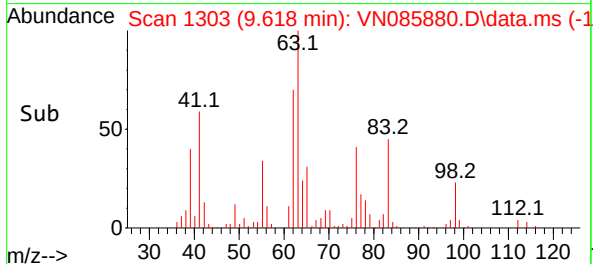
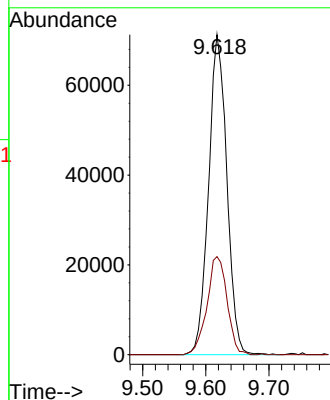
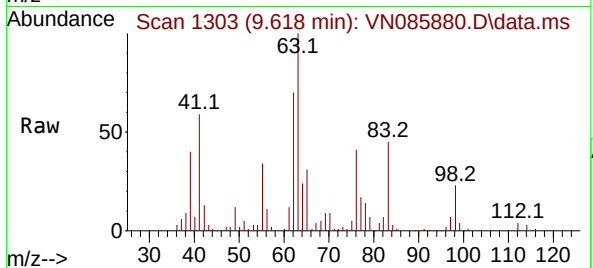
65 30.7 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#46

Dibromomethane

Concen: 52.873 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085880.D

Acq: 27 Feb 2025 10:18

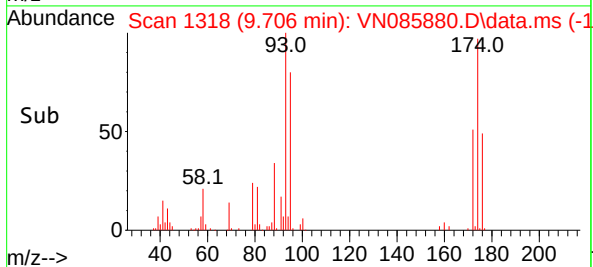
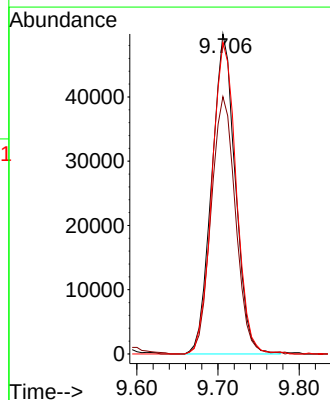
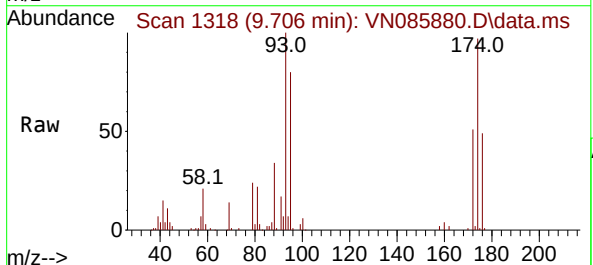
Tgt Ion: 93 Resp: 100446

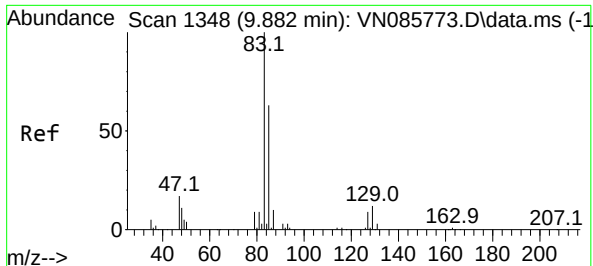
Ion Ratio Lower Upper

93 100

95 83.1 66.7 100.1

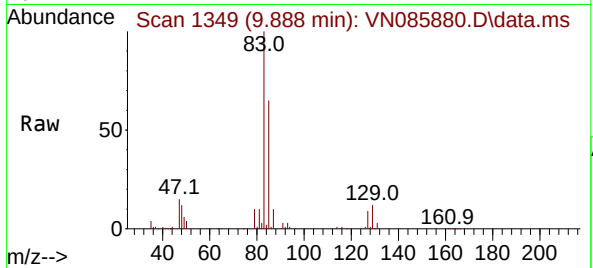
174 99.7 77.2 115.8





#47
Bromodichloromethane
Concen: 51.572 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

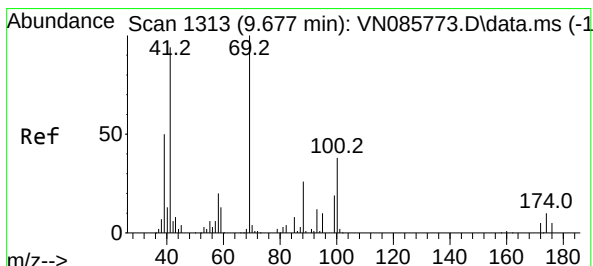
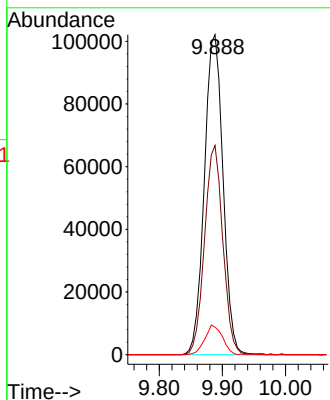
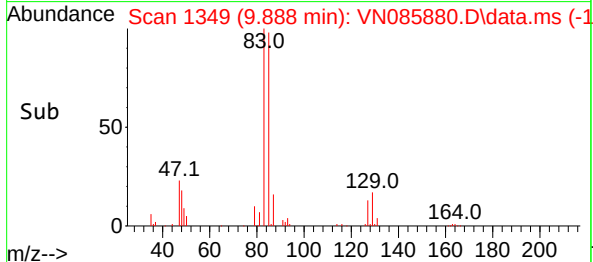
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 209614
Ion Ratio Lower Upper
83 100
85 65.4 50.5 75.7
127 8.6 7.2 10.8

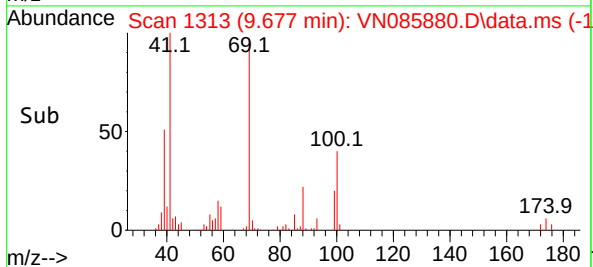
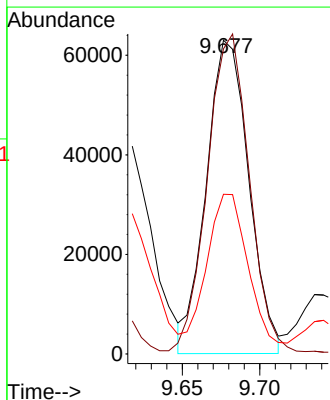
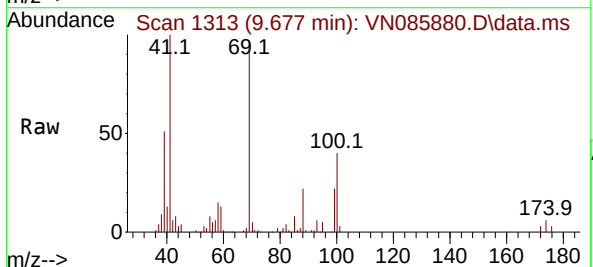
Manual Integrations
APPROVED

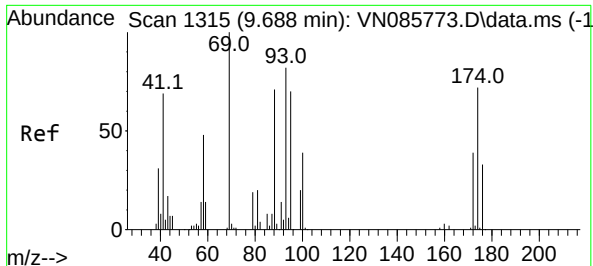
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#48
Methyl methacrylate
Concen: 56.535 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

Tgt Ion: 41 Resp: 120287
Ion Ratio Lower Upper
41 100
69 102.4 76.0 114.0
39 51.0 42.3 63.5





#49

1,4-Dioxane

Concen: 1428.861 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085880.D

Acq: 27 Feb 2025 10:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

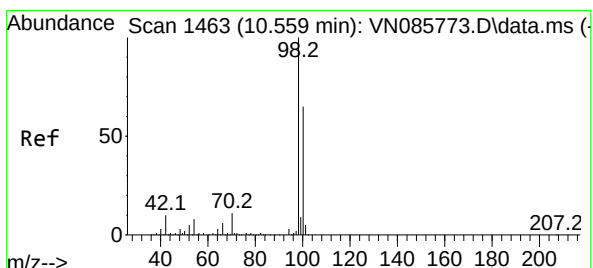
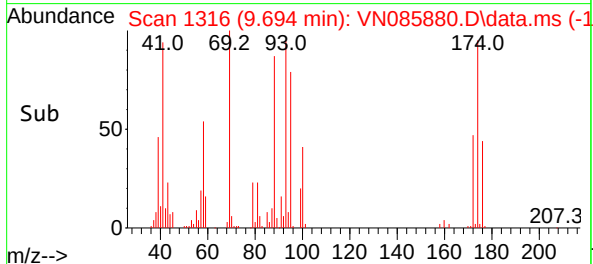
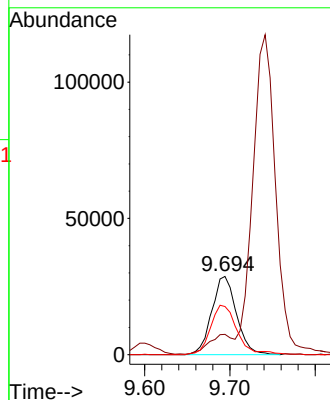
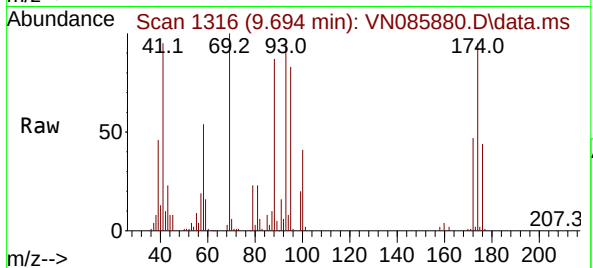
Tgt Ion:	88	Resp:	5781
Ion Ratio	Lower	Upper	
88	100		
43	25.4	18.6	27.8
58	68.3	56.7	85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#50

Toluene-d8

Concen: 54.826 ug/l

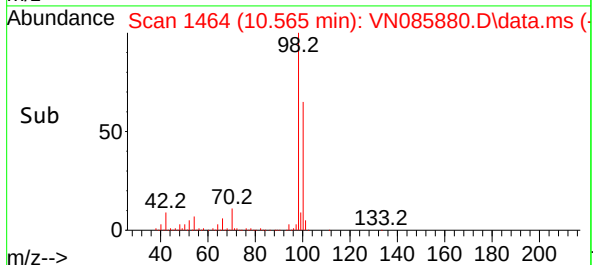
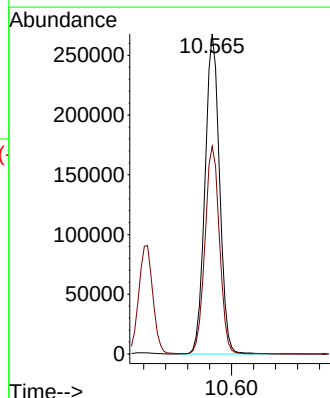
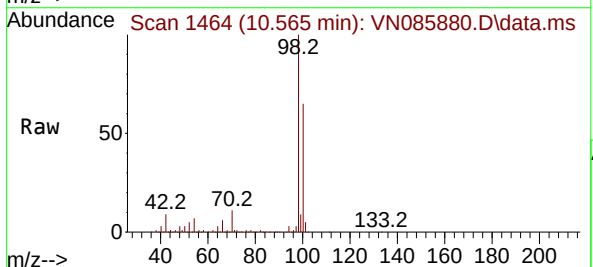
RT: 10.565 min Scan# 1464

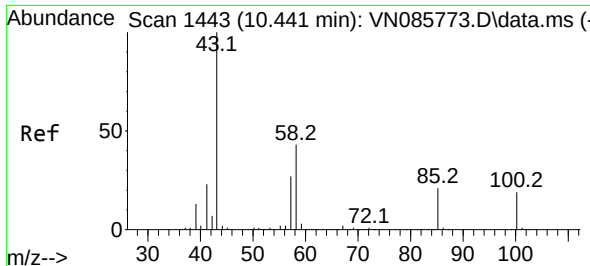
Delta R.T. 0.006 min

Lab File: VN085880.D

Acq: 27 Feb 2025 10:18

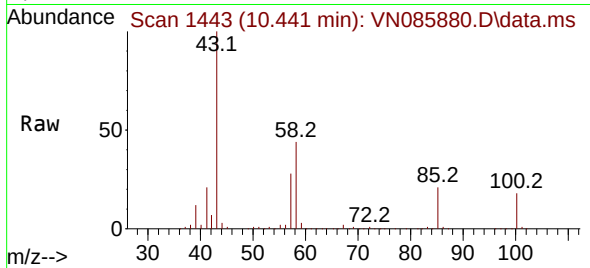
Tgt Ion:	98	Resp:	490676
Ion Ratio	Lower	Upper	
98	100		
100	64.7	52.1	78.1





#51
4-Methyl-2-Pentanone
Concen: 314.369 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

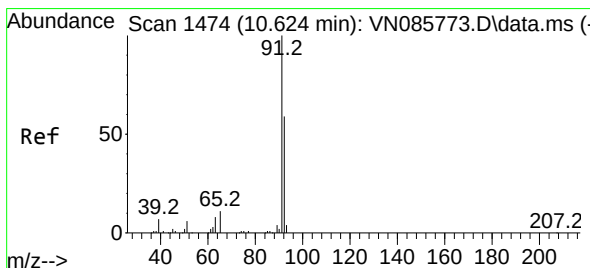
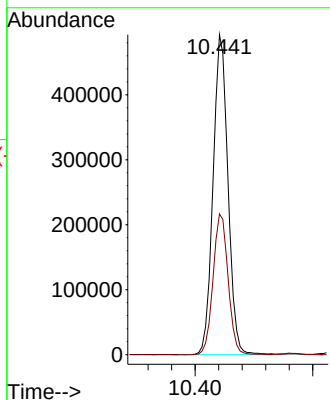
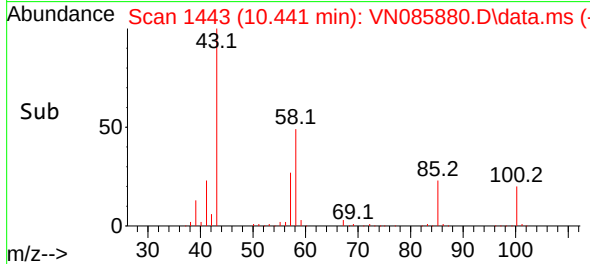
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



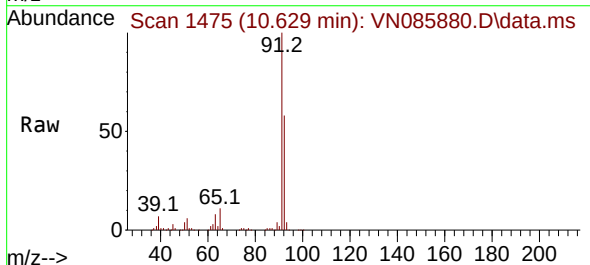
Tgt Ion: 43 Resp: 868344
Ion Ratio Lower Upper
43 100
58 44.3 34.6 52.0

Manual Integrations
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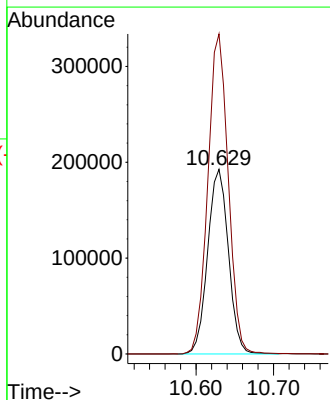
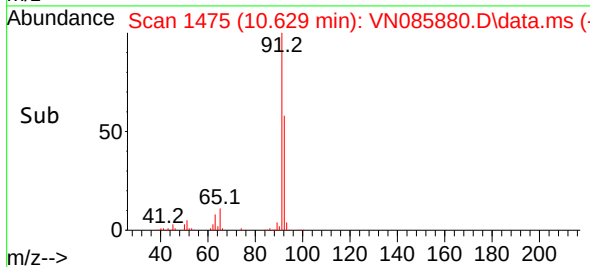
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

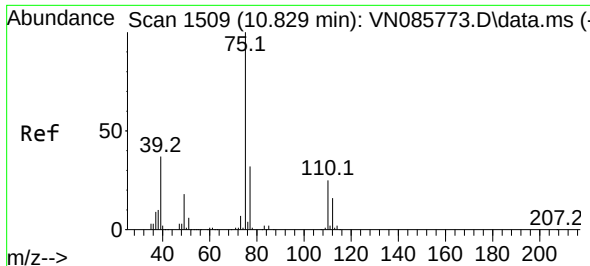


#52
Toluene
Concen: 54.710 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18



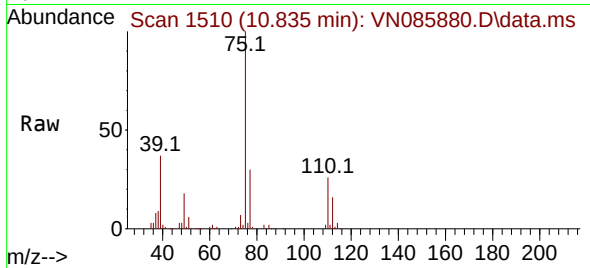
Tgt Ion: 92 Resp: 357834
Ion Ratio Lower Upper
92 100
91 170.7 136.9 205.3





#53
t-1,3-Dichloropropene
Concen: 53.172 ug/l
RT: 10.835 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

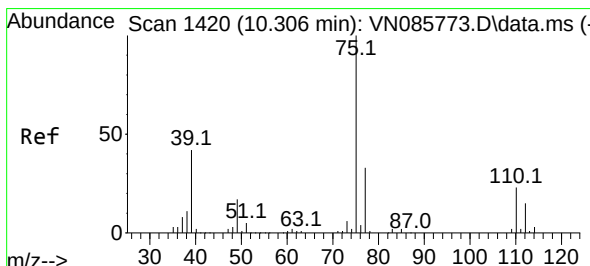
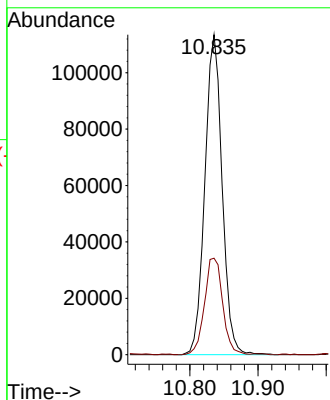
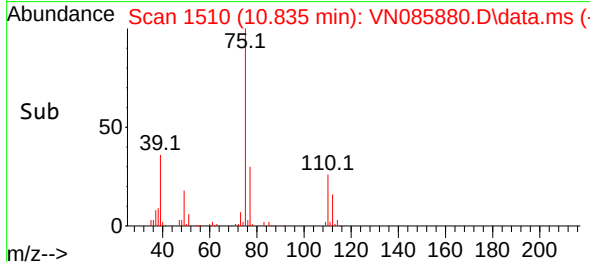
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 199840
Ion Ratio Lower Upper
75 100
77 30.1 25.4 38.0

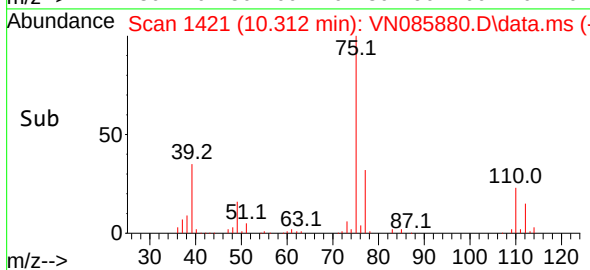
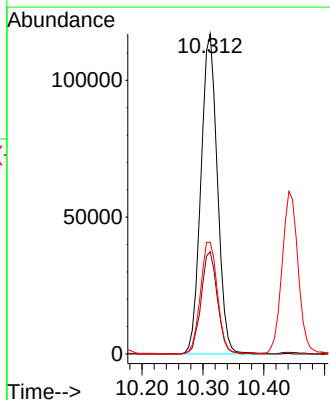
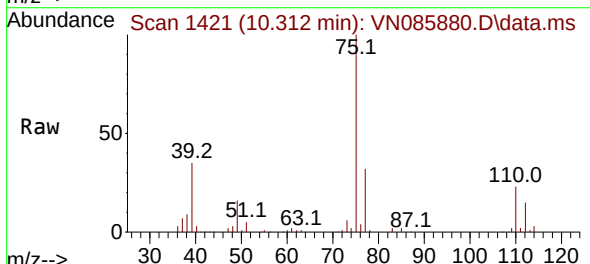
Manual Integrations
APPROVED

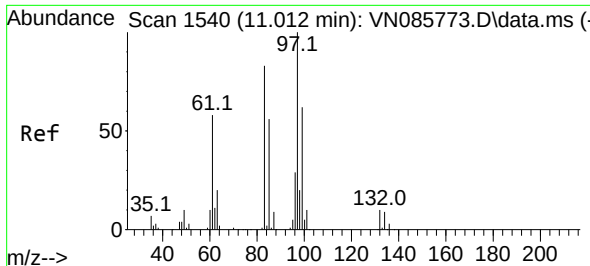
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#54
cis-1,3-Dichloropropene
Concen: 53.357 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

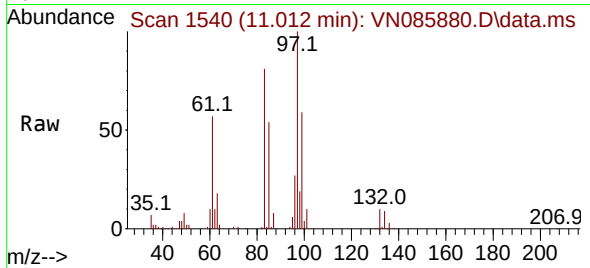
Tgt Ion: 75 Resp: 219898
Ion Ratio Lower Upper
75 100
77 32.0 26.1 39.1
39 34.8 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 54.763 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

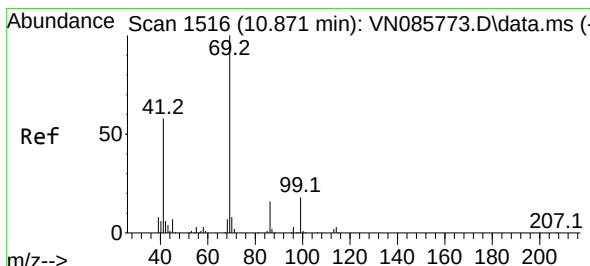
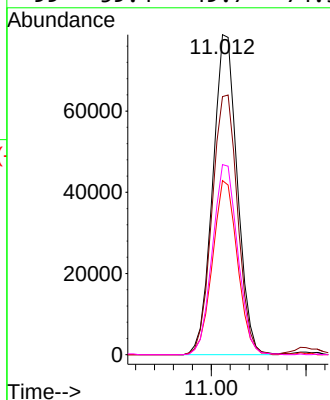
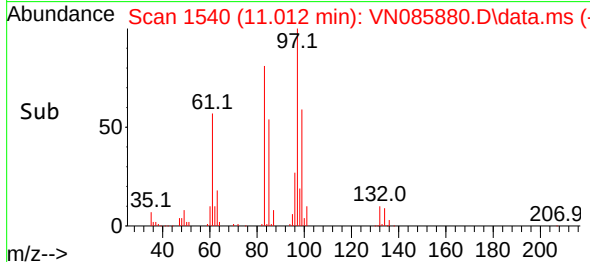
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



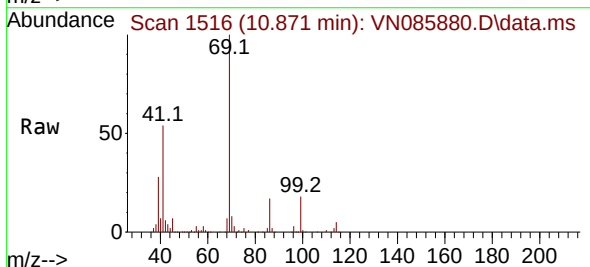
Tgt Ion:	97	Resp:	14241
Ion Ratio	100	Lower	Upper
97	100		
83	80.7	66.1	99.1
85	54.4	44.7	67.1
99	59.4	49.7	74.5

Manual Integrations
APPROVED

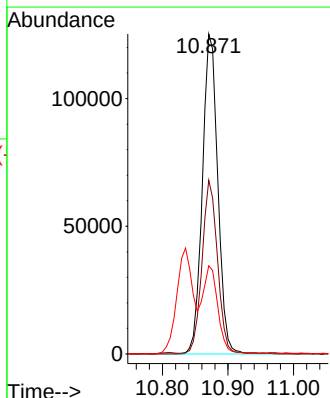
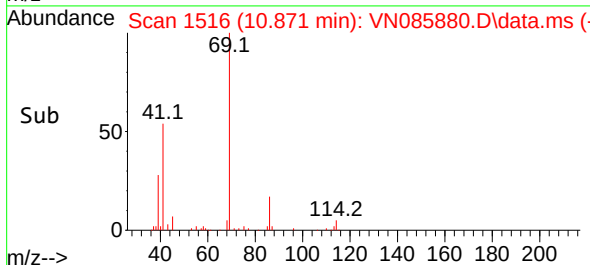
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

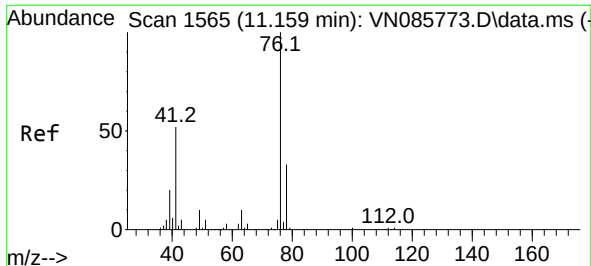


#56
Ethyl methacrylate
Concen: 54.377 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18



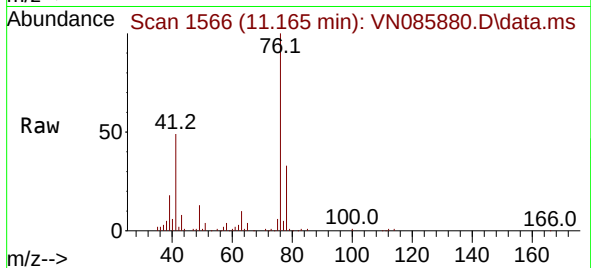
Tgt Ion:	69	Resp:	205498
Ion Ratio	100	Lower	Upper
69	100		
41	53.7	46.0	69.0
39	27.2	22.0	33.0





#57
1,3-Dichloropropane
Concen: 53.731 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

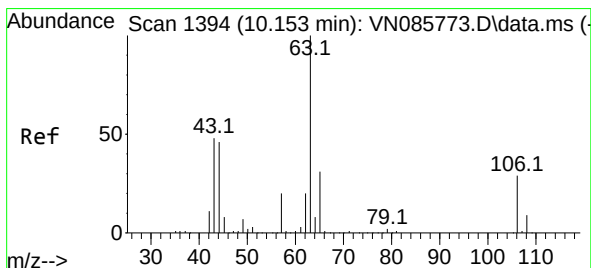
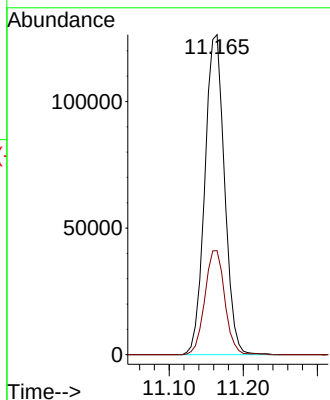
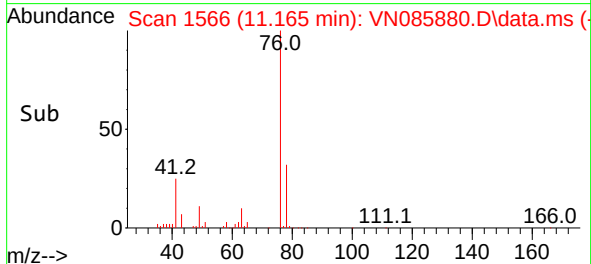
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 23325
Ion Ratio Lower Upper
76 100
78 33.1 25.9 38.9

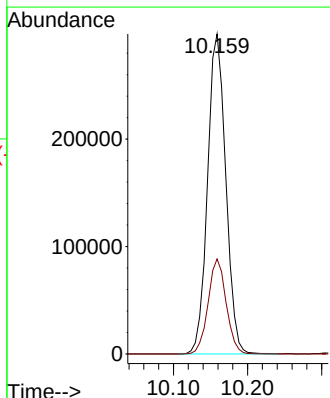
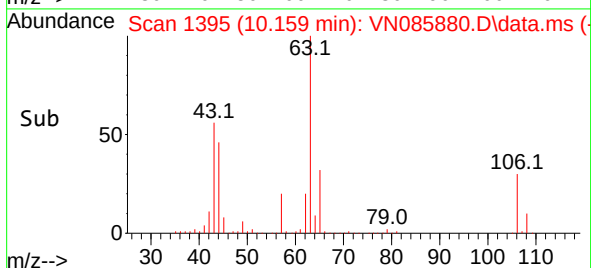
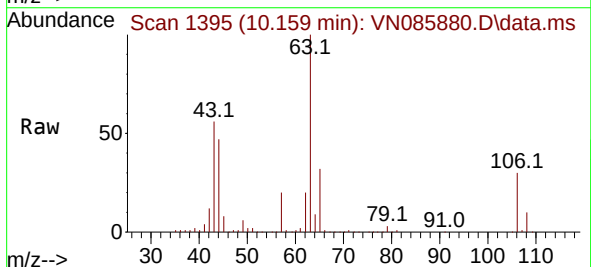
Manual Integrations
APPROVED

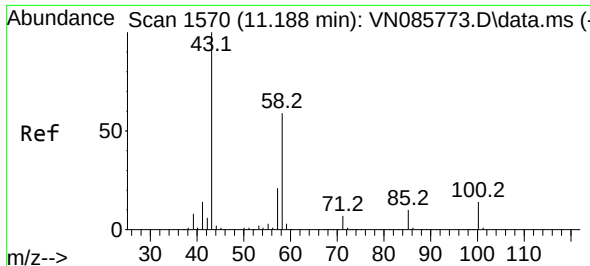
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#58
2-Chloroethyl Vinyl ether
Concen: 318.943 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

Tgt Ion: 63 Resp: 508568
Ion Ratio Lower Upper
63 100
106 29.4 22.7 34.1





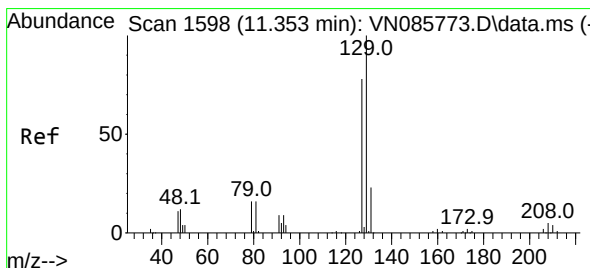
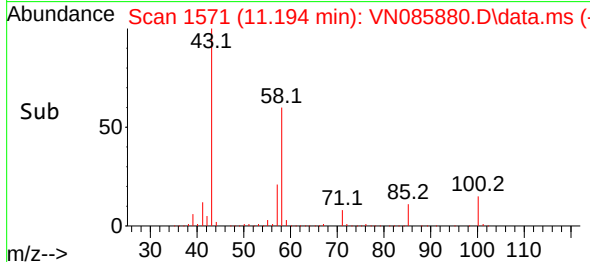
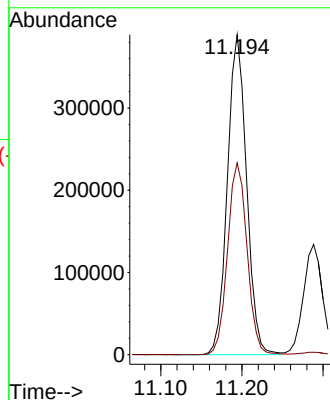
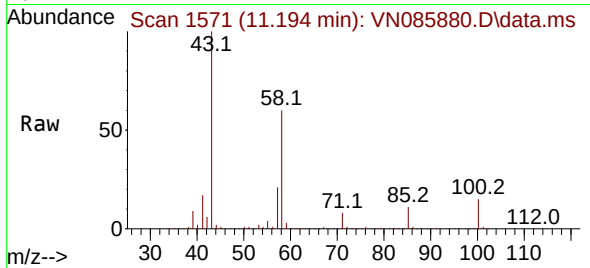
#59
2-Hexanone
Concen: 335.935 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 63835
Ion Ratio Lower Upper
43 100
58 60.9 29.8 89.5

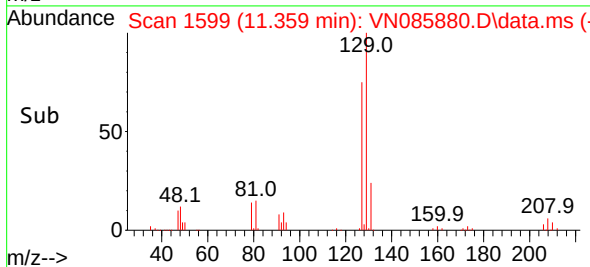
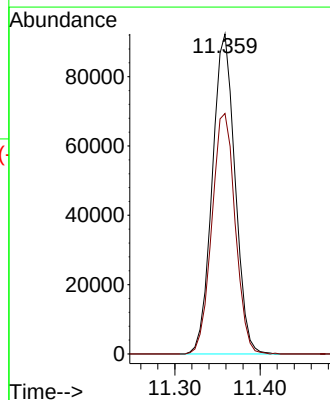
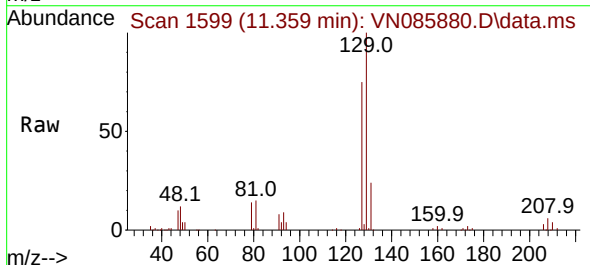
Manual Integrations
APPROVED

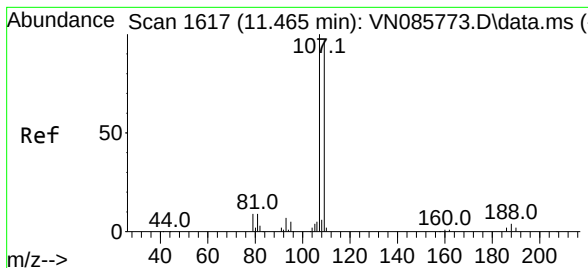
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#60
Dibromochloromethane
Concen: 56.451 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

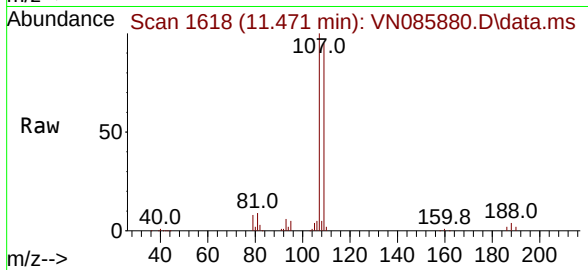
Tgt Ion:129 Resp: 170941
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.5





#61
1,2-Dibromoethane
Concen: 55.476 ug/l
RT: 11.471 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

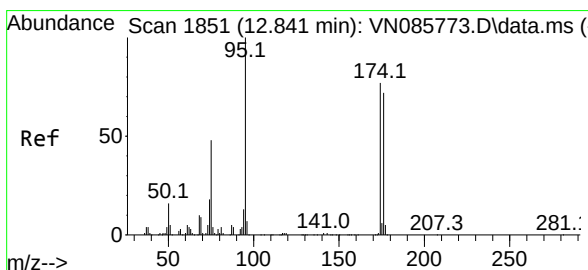
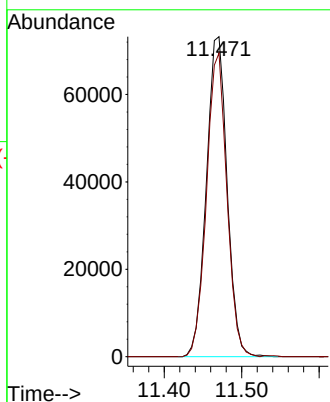
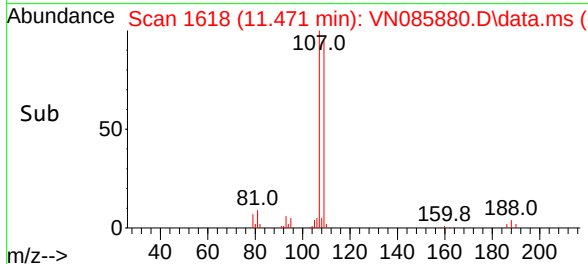
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



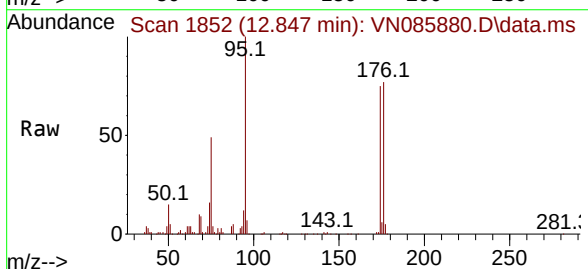
Tgt Ion:107 Resp: 13630
Ion Ratio Lower Upper
107 100
109 92.9 76.0 114.0

Manual Integrations
APPROVED

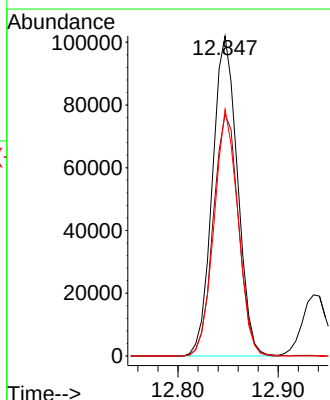
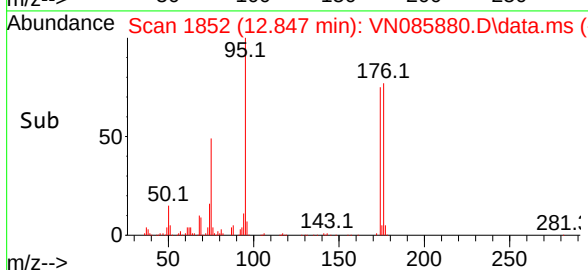
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

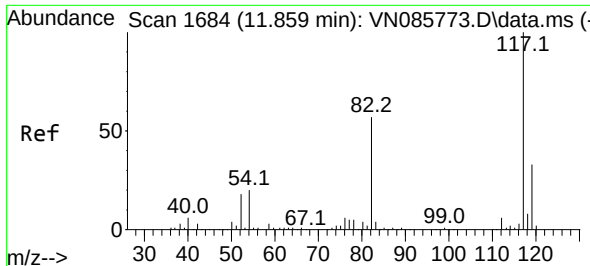


#62
4-Bromofluorobenzene
Concen: 59.832 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18



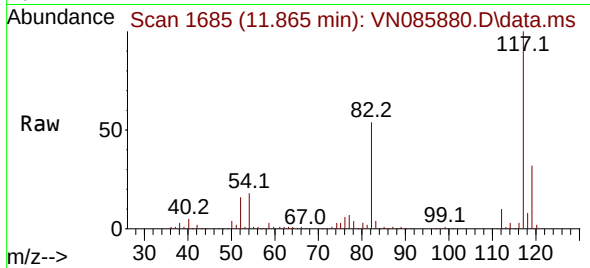
Tgt Ion: 95 Resp: 176428
Ion Ratio Lower Upper
95 100
174 76.1 0.0 152.4
176 73.6 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

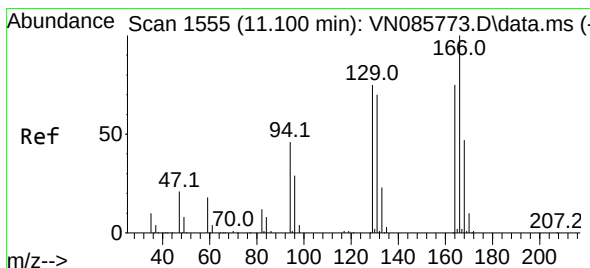
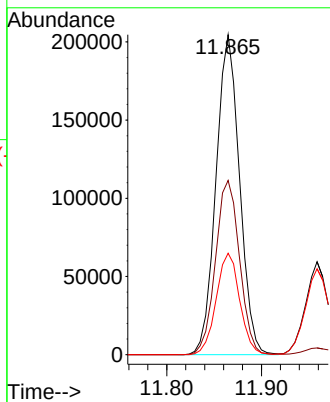
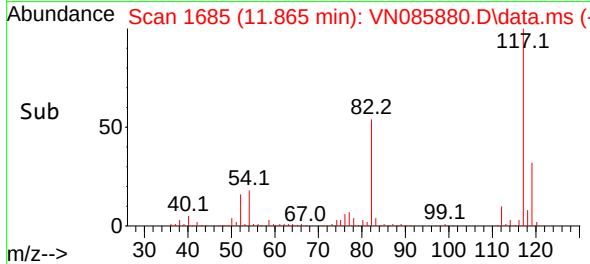
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 353534
Ion Ratio Lower Upper
117 100
82 54.4 45.7 68.5
119 31.7 26.2 39.2

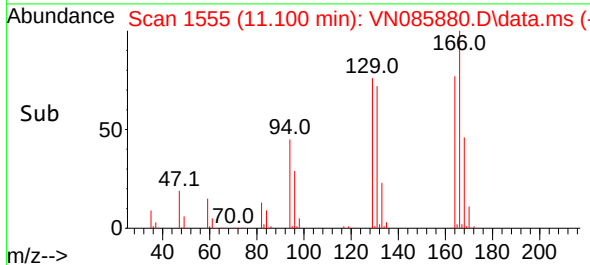
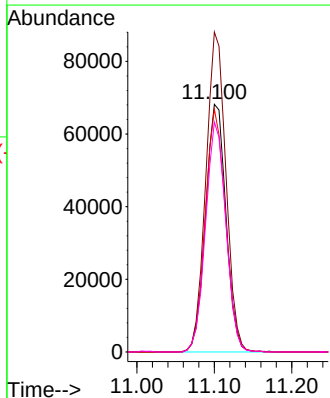
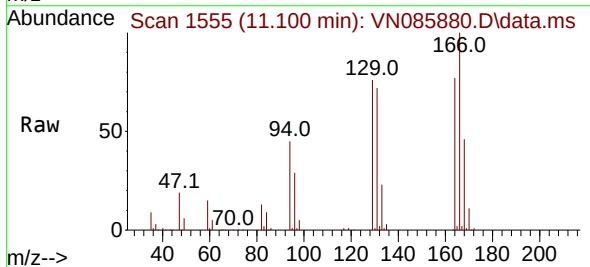
Manual Integrations
APPROVED

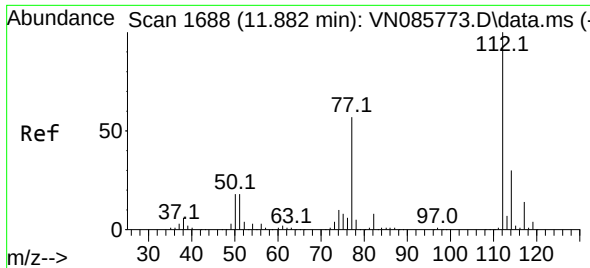
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#64
Tetrachloroethene
Concen: 45.879 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

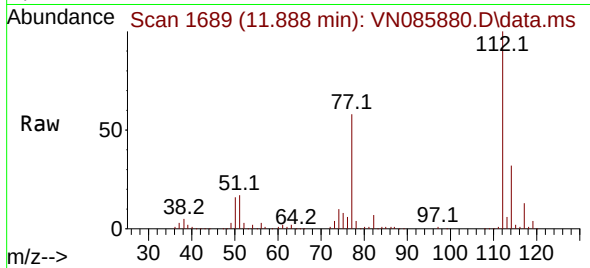
Tgt Ion:164 Resp: 125655
Ion Ratio Lower Upper
164 100
166 129.2 107.2 160.8
129 98.0 80.7 121.1
131 92.7 74.6 112.0





#65
Chlorobenzene
Concen: 47.978 ug/l
RT: 11.888 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

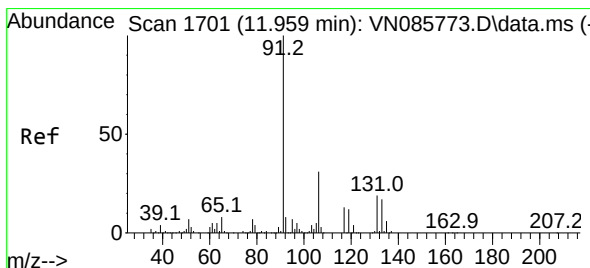
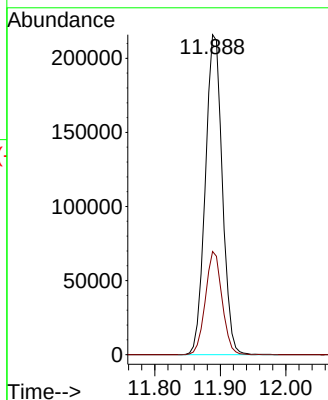
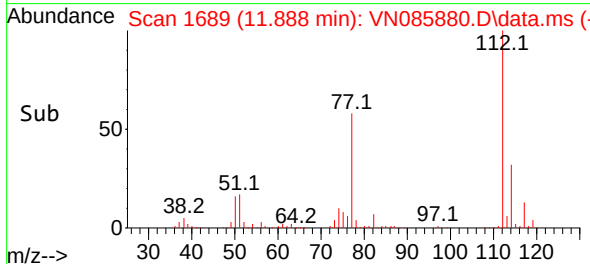
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



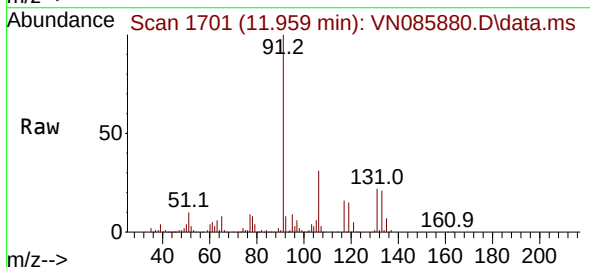
Tgt Ion:112 Resp: 38857
Ion Ratio Lower Upper
112 100
114 32.2 24.3 36.5

Manual Integrations
APPROVED

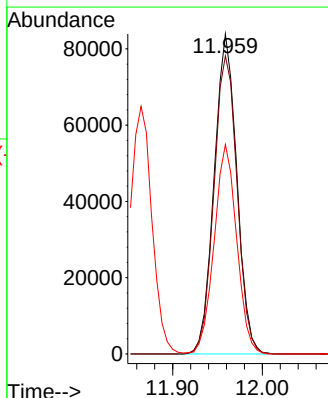
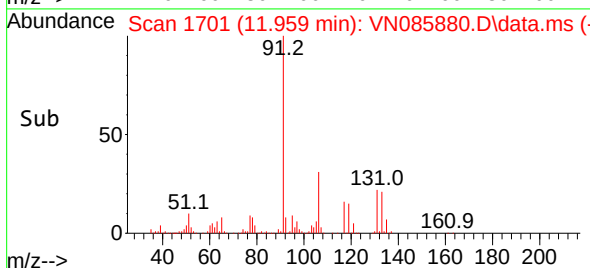
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

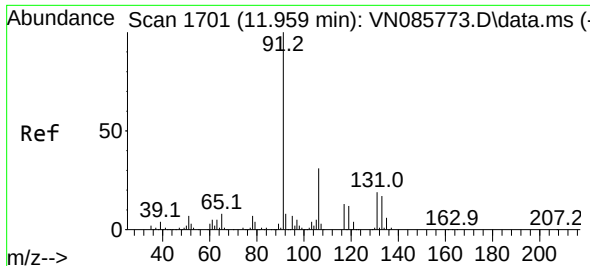


#66
1,1,1,2-Tetrachloroethane
Concen: 50.535 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18



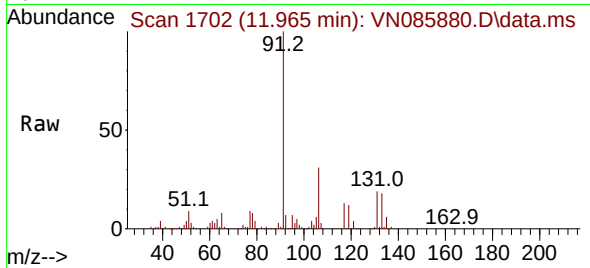
Tgt Ion:131 Resp: 147109
Ion Ratio Lower Upper
131 100
133 95.4 47.7 143.1
119 65.1 33.3 99.8





#67
Ethyl Benzene
Concen: 51.217 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

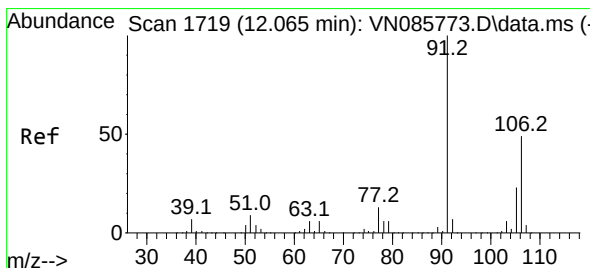
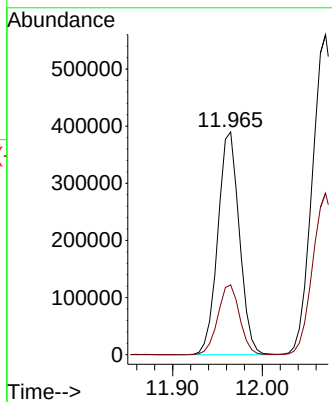
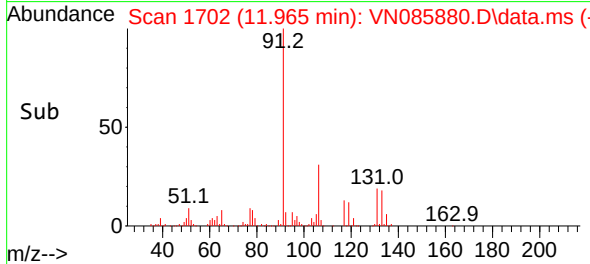
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 649772
Ion Ratio Lower Upper
91 100
106 31.3 24.7 37.1

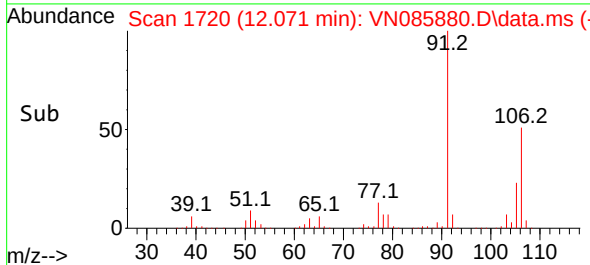
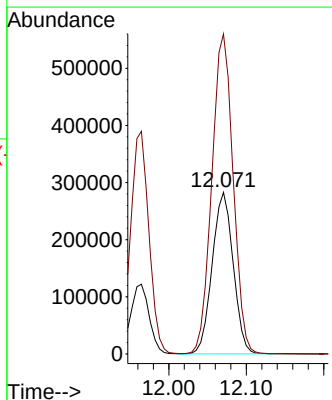
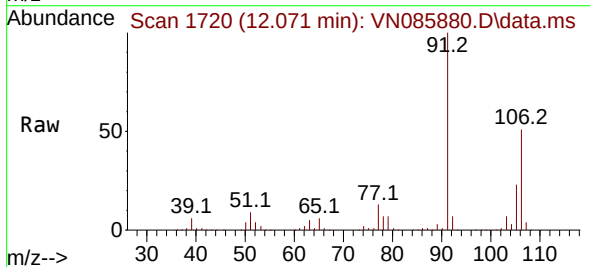
Manual Integrations
APPROVED

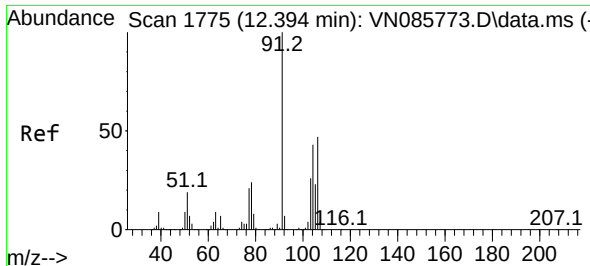
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#68
m/p-Xylenes
Concen: 110.276 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

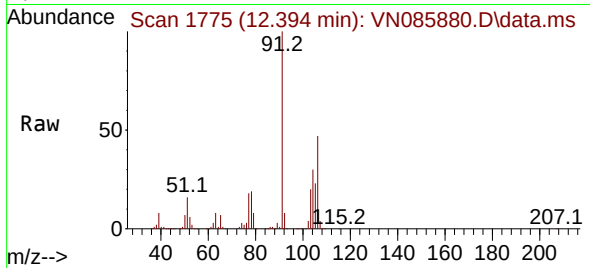
Tgt Ion:106 Resp: 531418
Ion Ratio Lower Upper
106 100
91 201.3 163.3 244.9





#69
o-Xylene
Concen: 53.565 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

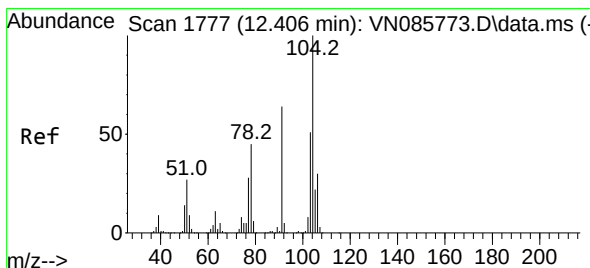
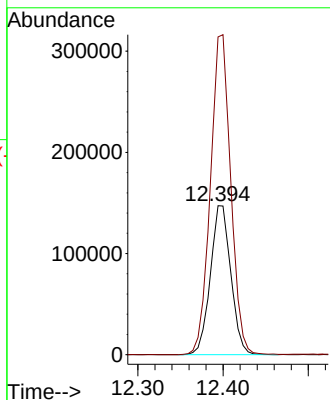
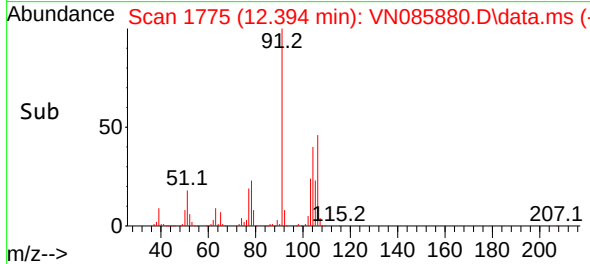
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 24528
Ion Ratio Lower Upper
106 100
91 214.3 107.1 321.4

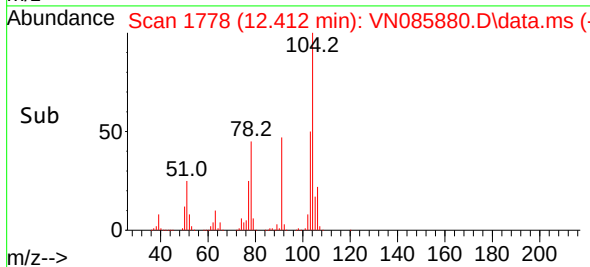
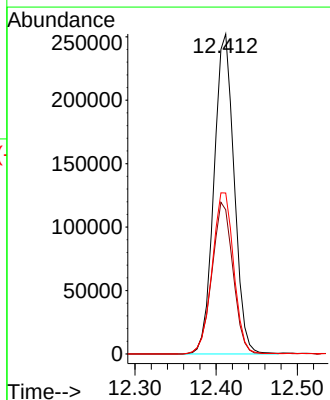
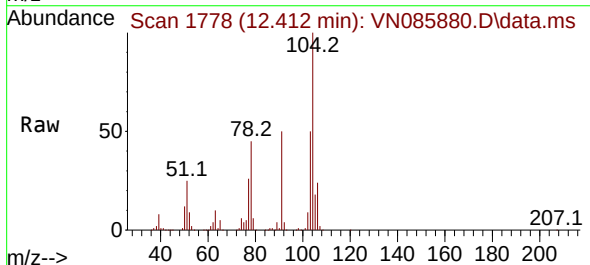
Manual Integrations
APPROVED

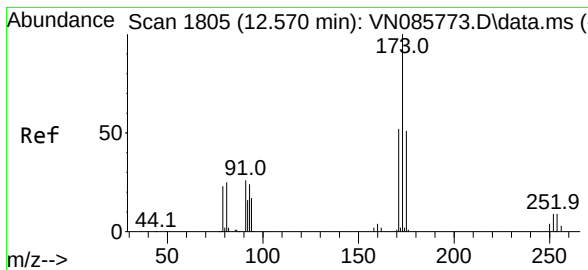
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#70
Styrene
Concen: 50.988 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

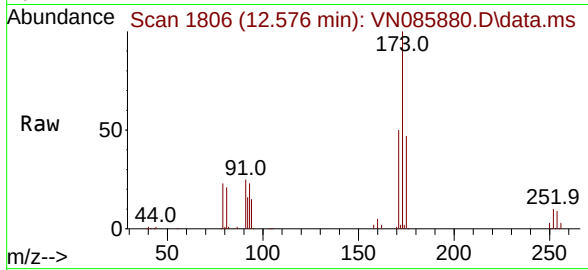
Tgt Ion:104 Resp: 435412
Ion Ratio Lower Upper
104 100
78 49.4 39.0 58.6
103 54.0 43.3 64.9





#71
Bromoform
Concen: 55.536 ug/l
RT: 12.576 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

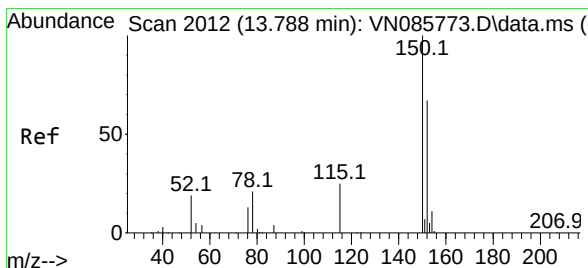
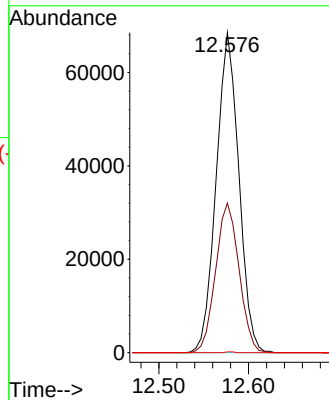
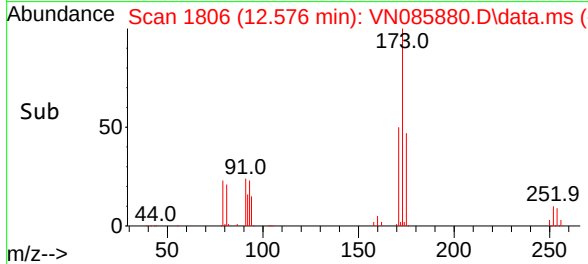
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



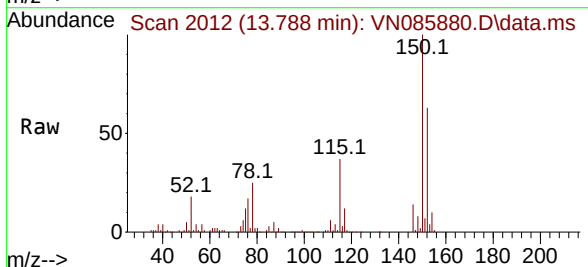
Tgt Ion:173 Resp: 120129
Ion Ratio Lower Upper
173 100
175 48.2 25.1 75.4
254 0.1 0.0 0.0

Manual Integrations
APPROVED

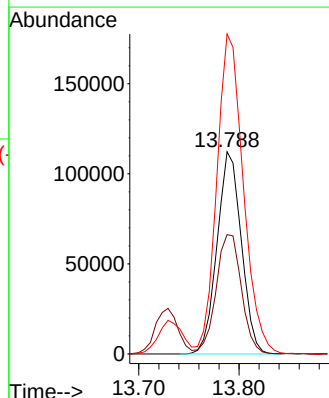
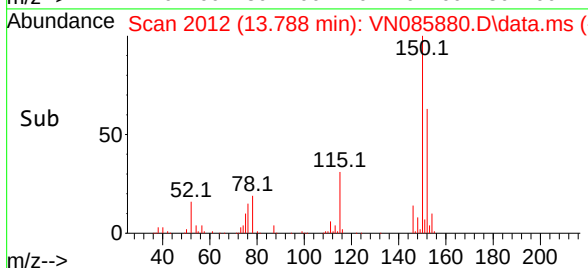
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

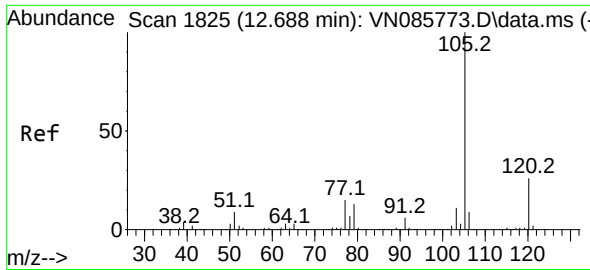


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18



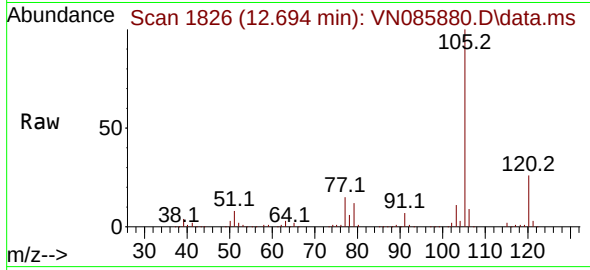
Tgt Ion:152 Resp: 188357
Ion Ratio Lower Upper
152 100
115 61.4 30.4 91.3
150 173.1 0.0 345.4





#73
Isopropylbenzene
Concen: 47.472 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

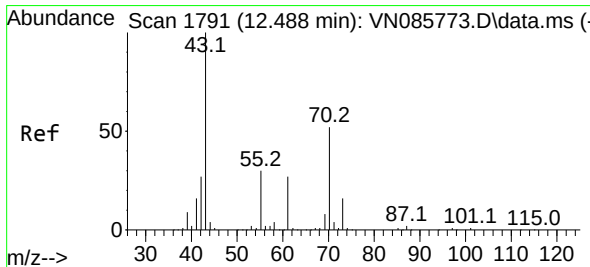
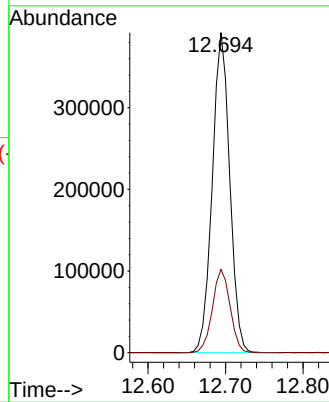
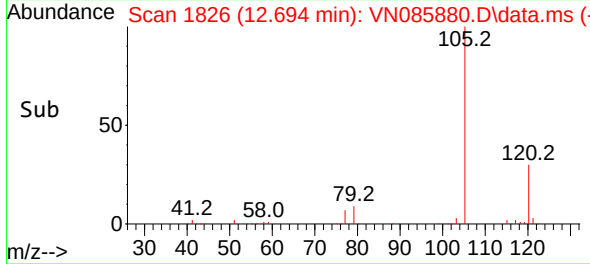
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



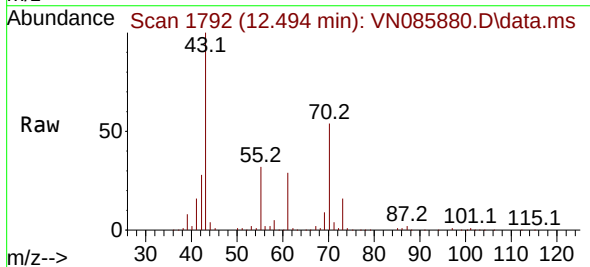
Tgt Ion:105 Resp: 612580
Ion Ratio Lower Upper
105 100
120 26.3 13.0 39.0

Manual Integrations
APPROVED

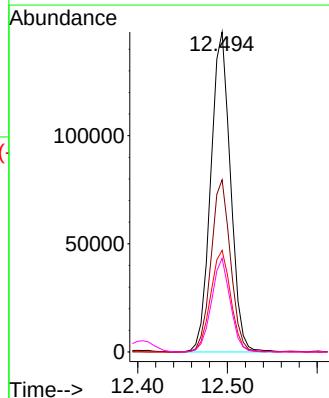
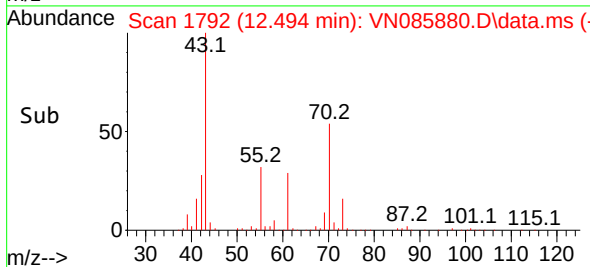
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

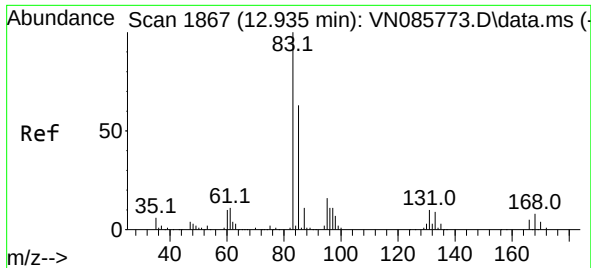


#74
N-ethyl acetate
Concen: 49.579 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18



Tgt Ion: 43 Resp: 225612
Ion Ratio Lower Upper
43 100
70 53.2 41.0 61.4
55 32.6 24.6 36.8
61 27.9 21.6 32.4





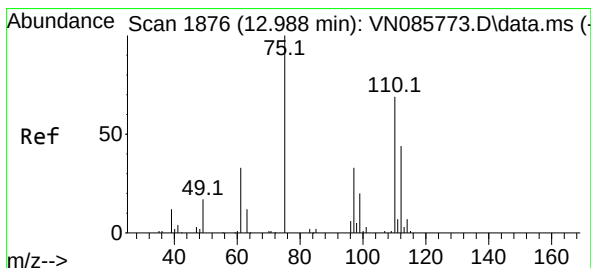
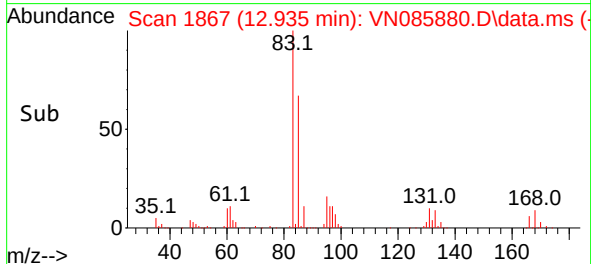
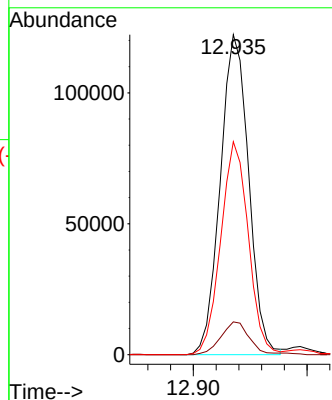
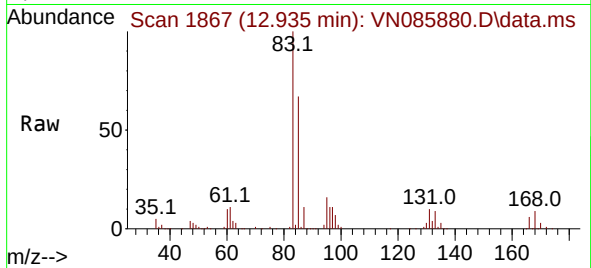
#75
1,1,2,2-Tetrachloroethane
Concen: 47.738 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 21198
Ion Ratio Lower Upper
83 100
131 10.5 5.0 15.0
85 64.7 32.2 96.6

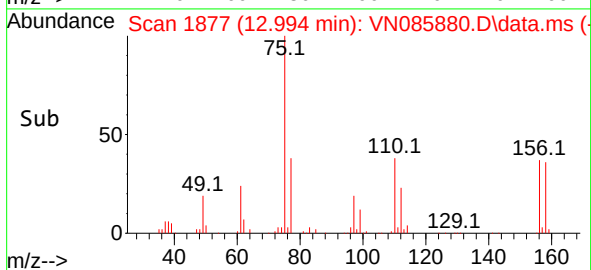
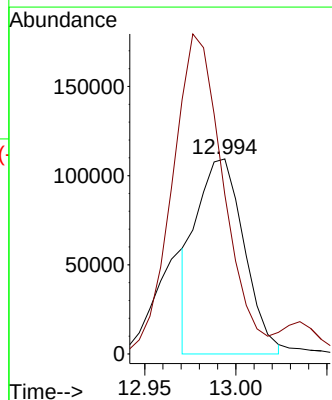
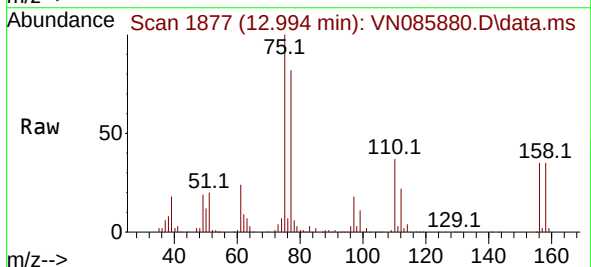
Manual Integrations
APPROVED

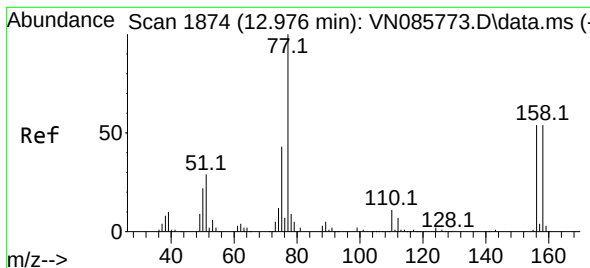
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#76
1,2,3-Trichloropropane
Concen: 47.478 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

Tgt Ion: 75 Resp: 198649
Ion Ratio Lower Upper
75 100
77 176.7 100.0 300.0





#77

Bromobenzene

Concen: 47.033 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN085880.D

Acq: 27 Feb 2025 10:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

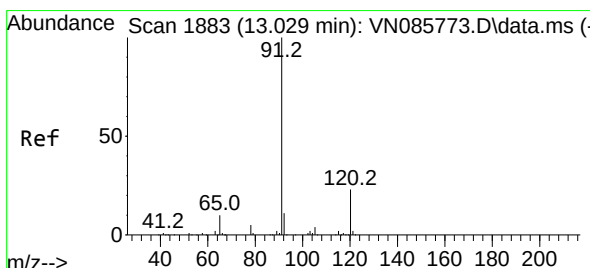
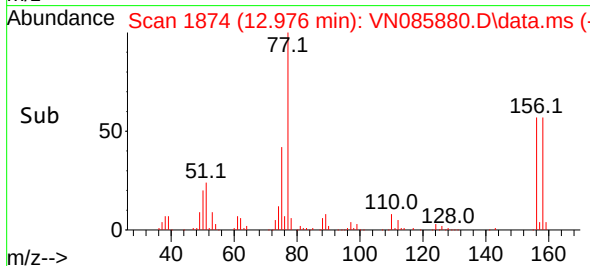
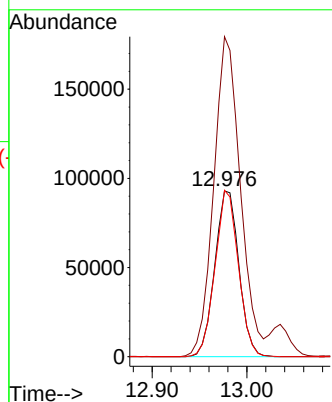
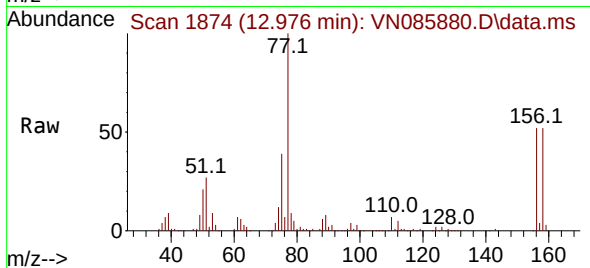
Tgt Ion:156 Resp: 163974
 Ion Ratio Lower Upper
 156 100
 77 214.1 104.1 312.3
 158 97.3 48.1 144.4

Manual Integrations

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Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#78

n-propylbenzene

Concen: 50.480 ug/l

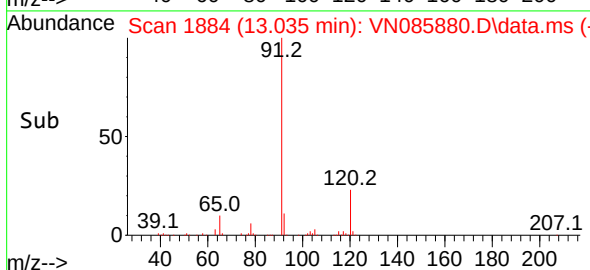
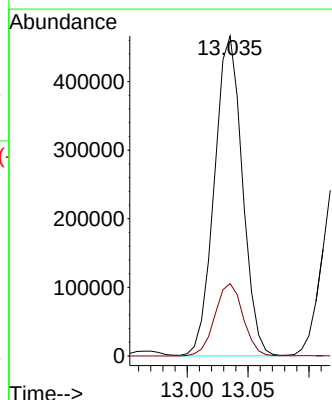
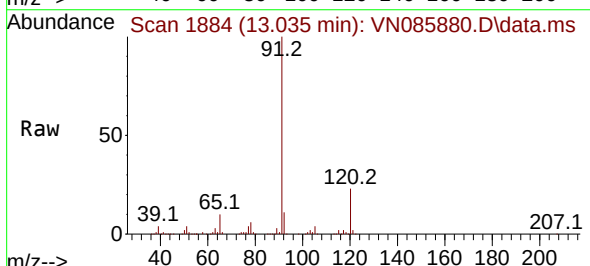
RT: 13.035 min Scan# 1884

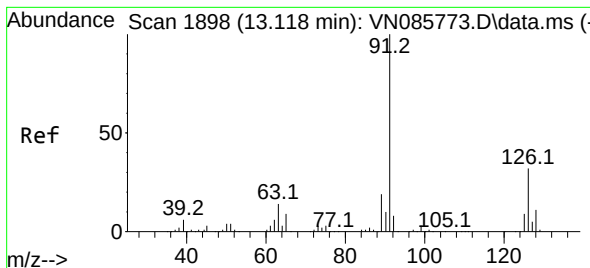
Delta R.T. 0.006 min

Lab File: VN085880.D

Acq: 27 Feb 2025 10:18

Tgt Ion: 91 Resp: 746020
 Ion Ratio Lower Upper
 91 100
 120 22.8 11.3 33.8





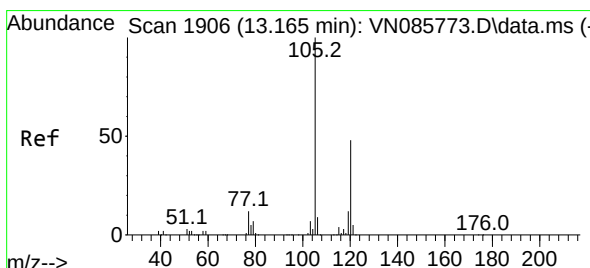
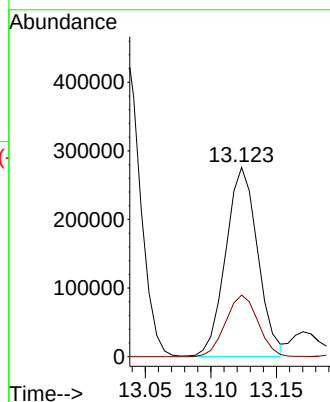
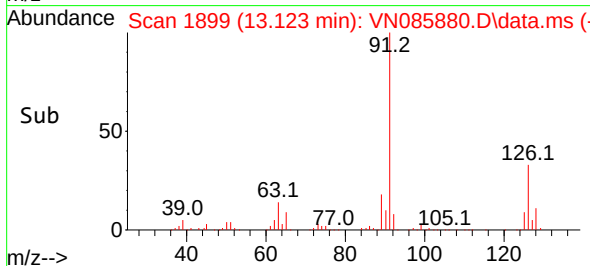
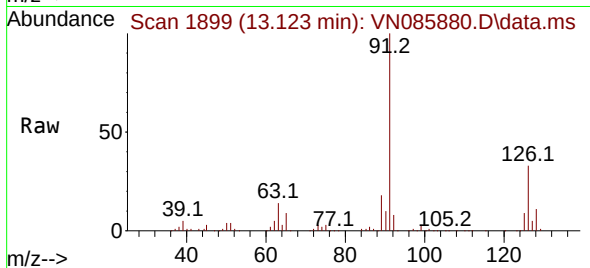
#79
2-Chlorotoluene
Concen: 47.449 ug/l
RT: 13.123 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 468510
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.1

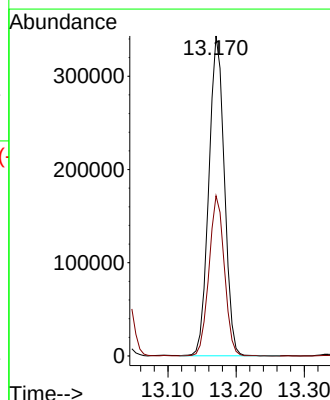
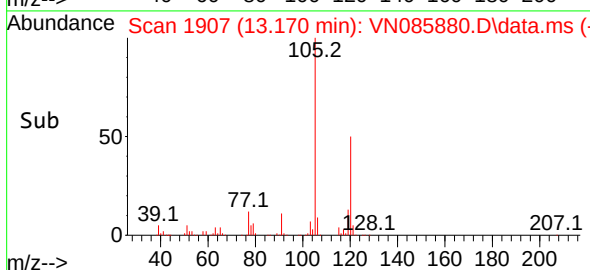
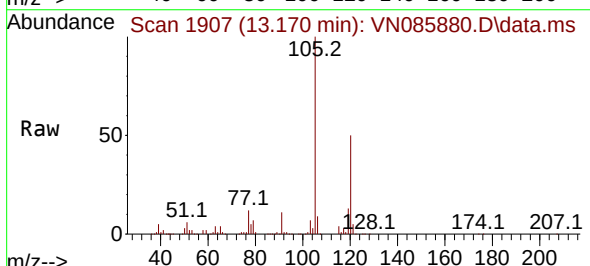
Manual Integrations
APPROVED

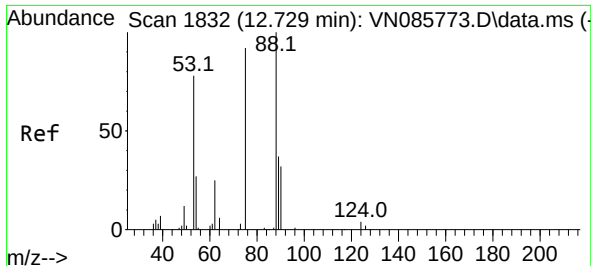
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.761 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

Tgt Ion:105 Resp: 544104
Ion Ratio Lower Upper
105 100
120 49.7 24.3 72.9





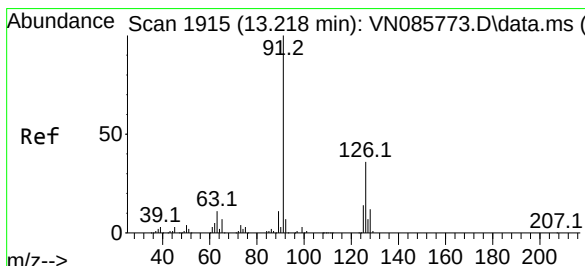
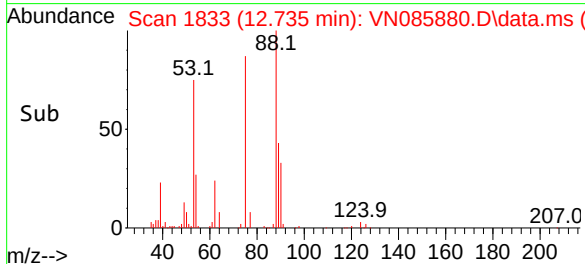
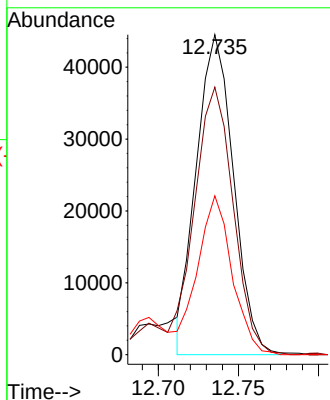
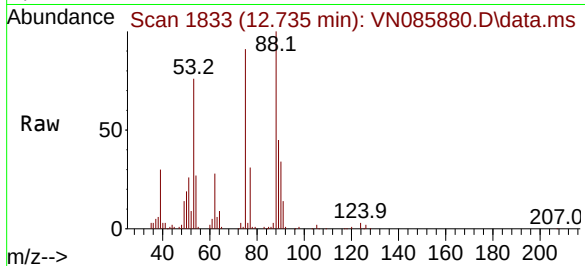
#81
trans-1,4-Dichloro-2-butene
Concen: 50.232 ug/l m
RT: 12.735 min Scan# 1832
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 72032
Ion Ratio Lower Upper
75 100
53 96.5 74.2 111.4
89 47.5 34.9 52.3

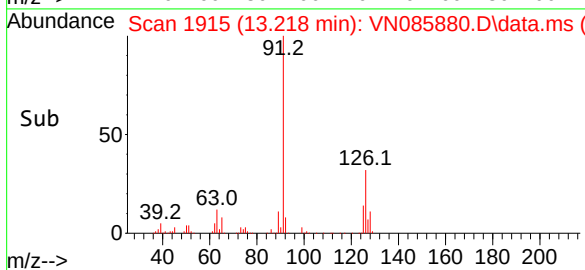
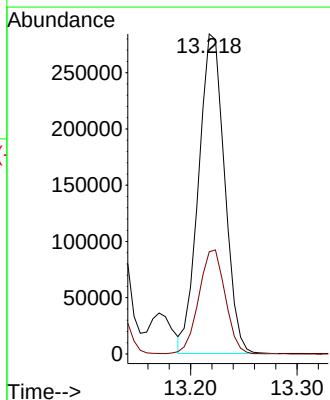
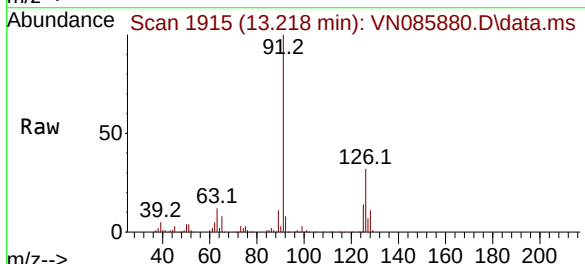
Manual Integrations
APPROVED

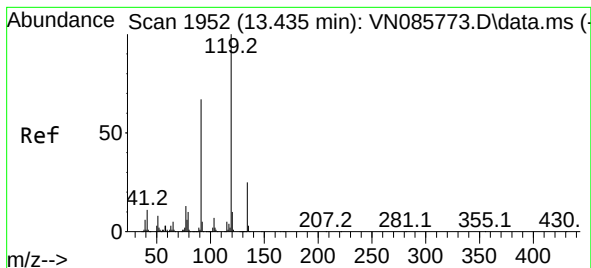
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#82
4-Chlorotoluene
Concen: 49.221 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

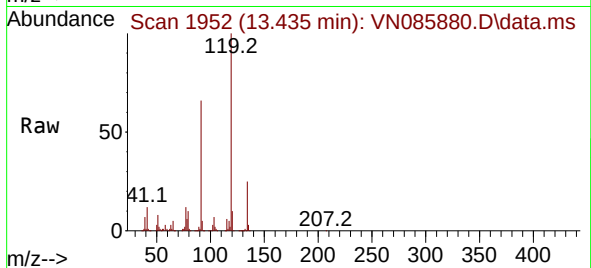
Tgt Ion: 91 Resp: 481814
Ion Ratio Lower Upper
91 100
126 33.2 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 48.414 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085880.D
 Acq: 27 Feb 2025 10:18

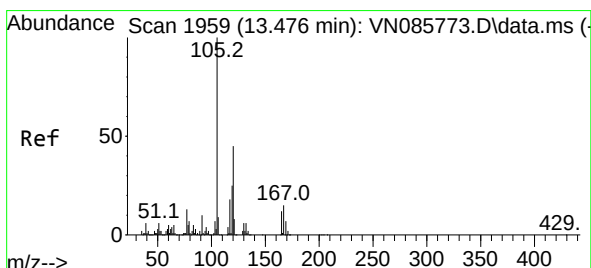
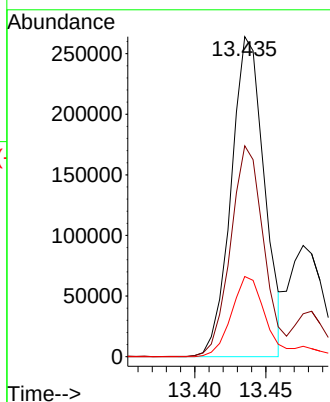
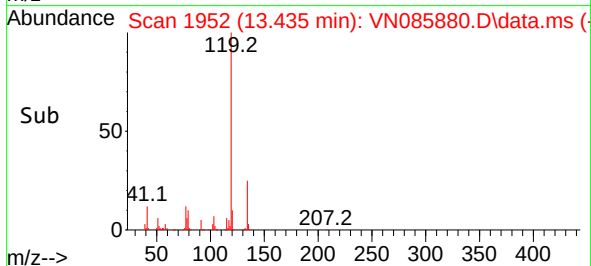
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



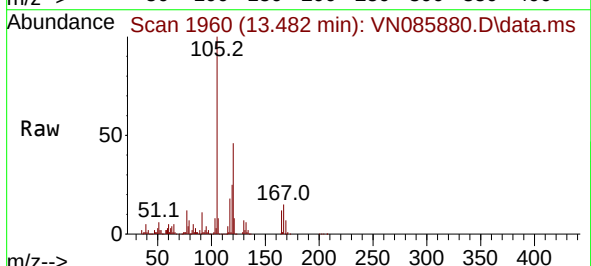
Tgt Ion:119 Resp: 427958
 Ion Ratio Lower Upper
 119 100
 91 66.1 32.5 97.5
 134 25.6 13.3 39.9

Manual Integrations
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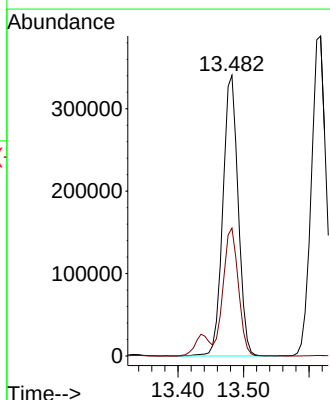
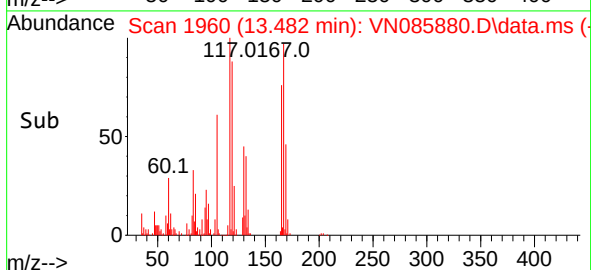
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025

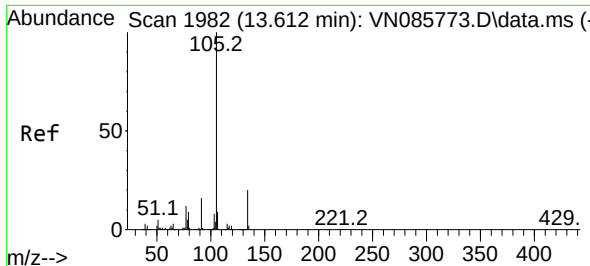


#84
 1,2,4-Trimethylbenzene
 Concen: 52.917 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN085880.D
 Acq: 27 Feb 2025 10:18



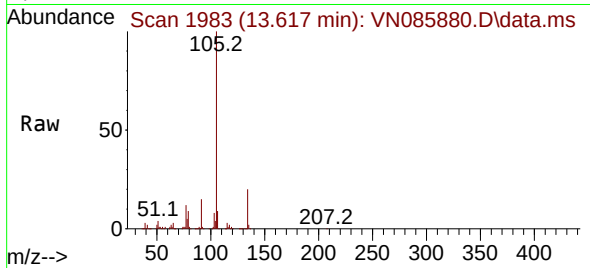
Tgt Ion:105 Resp: 550334
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 49.195 ug/l
 RT: 13.617 min Scan# 1982
 Delta R.T. 0.005 min
 Lab File: VN085880.D
 Acq: 27 Feb 2025 10:18

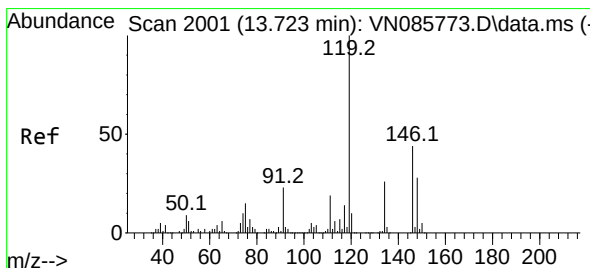
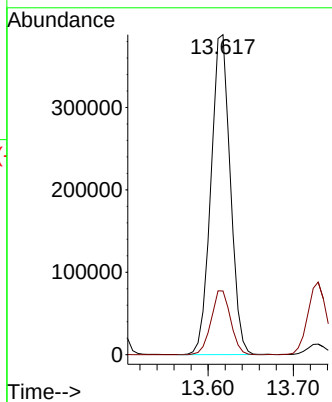
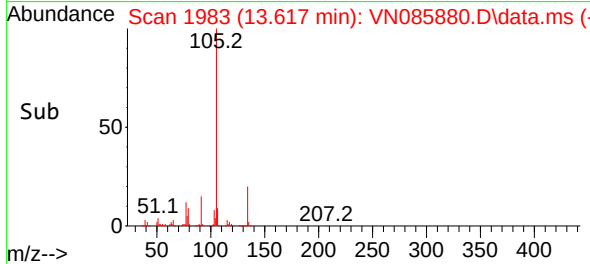
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 614410
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.4

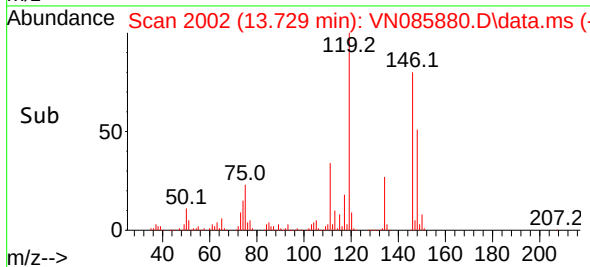
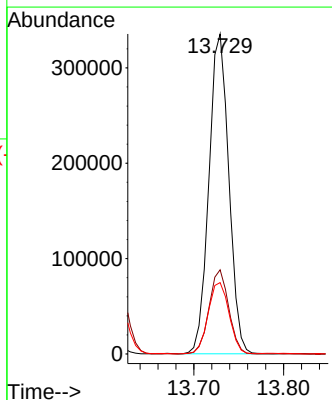
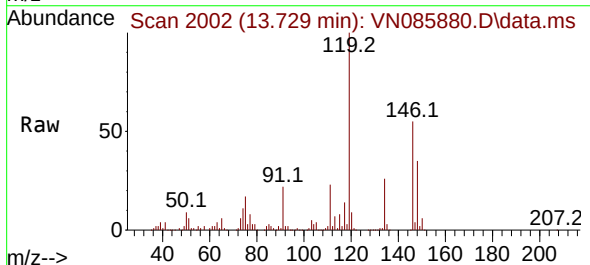
Manual Integrations
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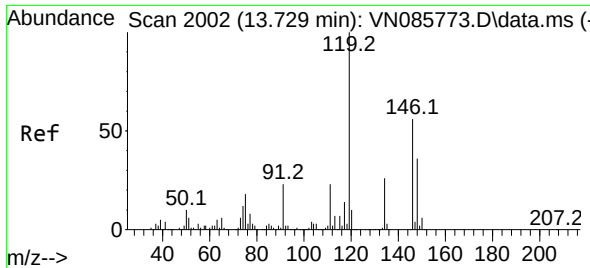
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025



#86
 p-Isopropyltoluene
 Concen: 45.568 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085880.D
 Acq: 27 Feb 2025 10:18

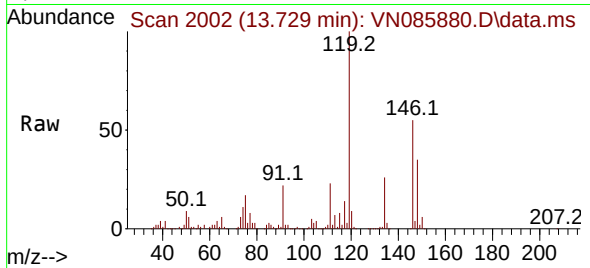
Tgt Ion:119 Resp: 517165
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 23.3 11.7 35.1





#87
 1,3-Dichlorobenzene
 Concen: 47.380 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN085880.D
 Acq: 27 Feb 2025 10:18

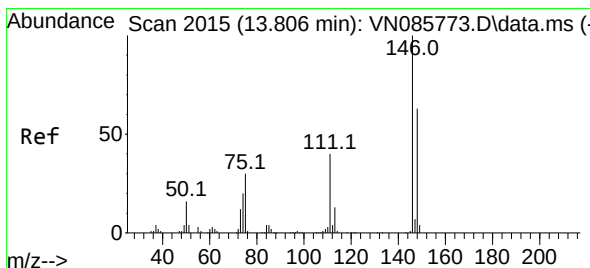
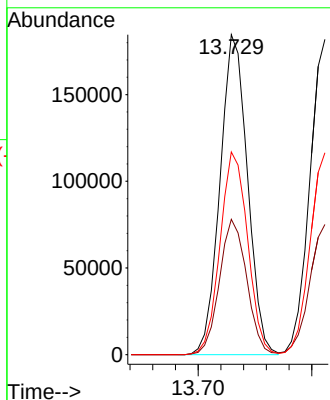
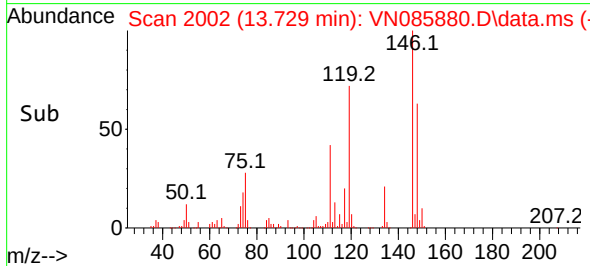
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:146 Resp: 309474
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.1 63.3
 148 63.7 32.1 96.5

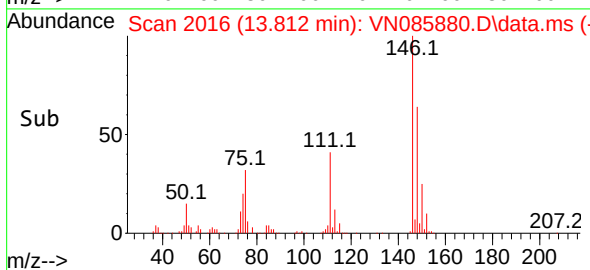
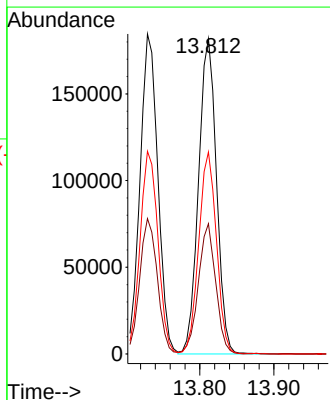
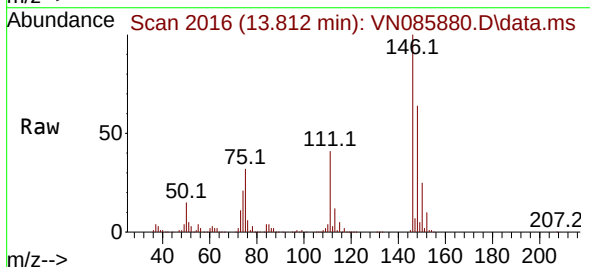
Manual Integrations
 APPROVED

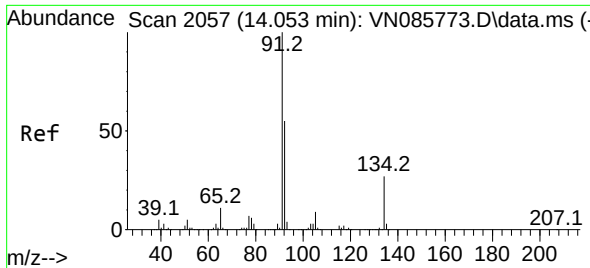
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025



#88
 1,4-Dichlorobenzene
 Concen: 45.759 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.006 min
 Lab File: VN085880.D
 Acq: 27 Feb 2025 10:18

Tgt Ion:146 Resp: 306342
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.4 61.3
 148 63.2 31.8 95.4





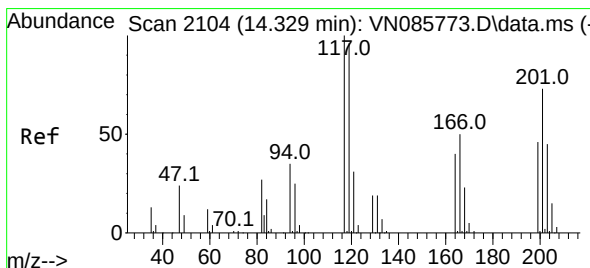
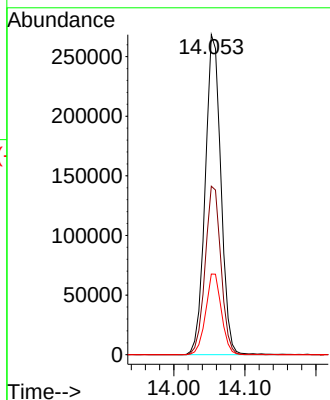
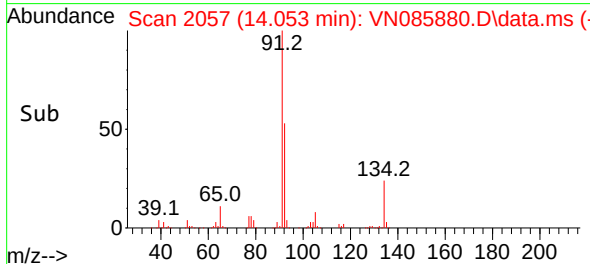
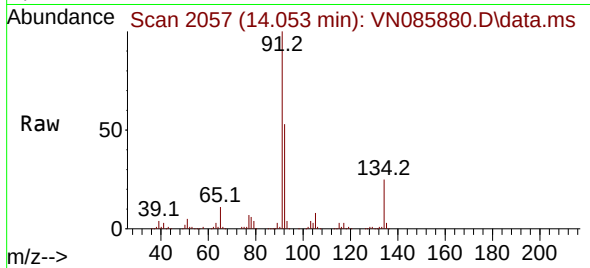
#89
n-Butylbenzene
Concen: 46.567 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 412920
Ion Ratio Lower Upper
91 100
92 53.0 27.1 81.3
134 25.2 12.7 38.1

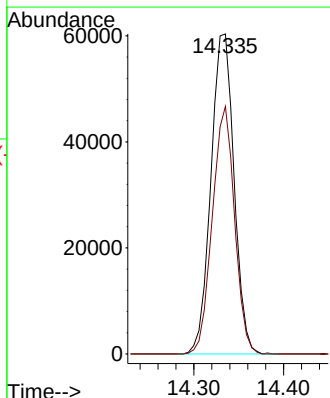
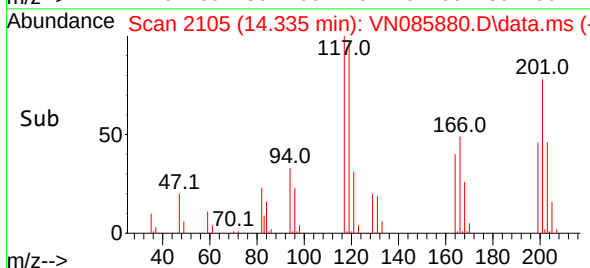
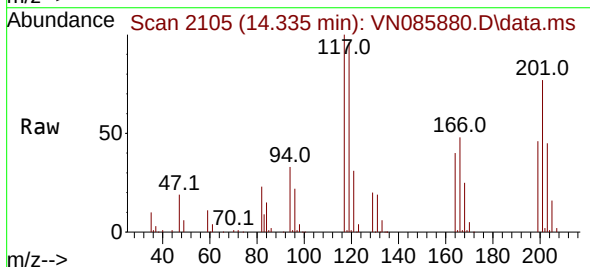
Manual Integrations
APPROVED

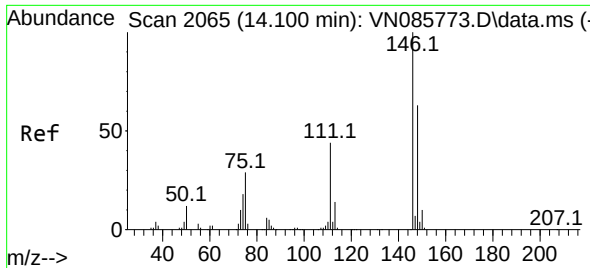
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#90
Hexachloroethane
Concen: 45.672 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

Tgt Ion:117 Resp: 108029
Ion Ratio Lower Upper
117 100
201 74.2 35.6 106.9





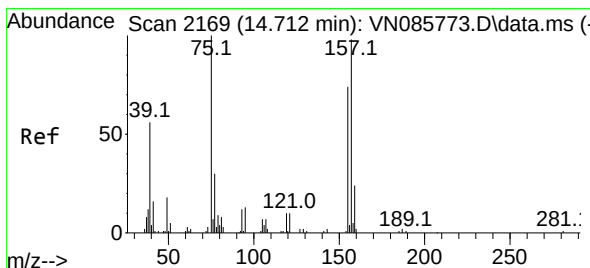
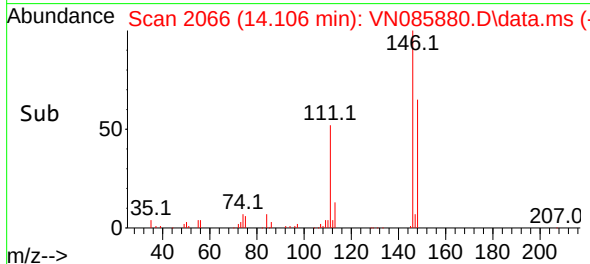
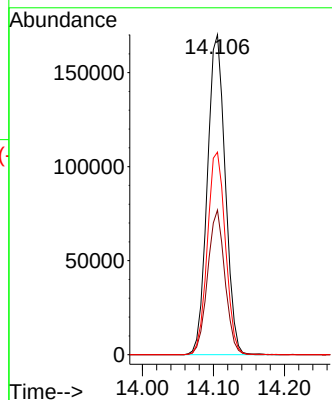
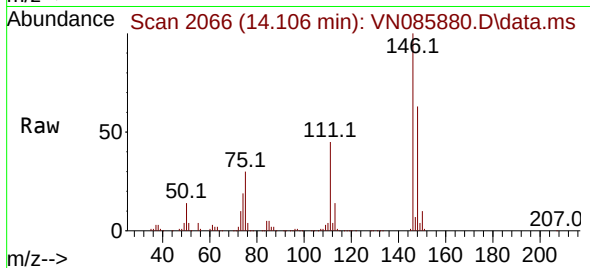
#91
1,2-Dichlorobenzene
Concen: 47.454 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 298060
Ion Ratio Lower Upper
146 100
111 43.8 21.4 64.3
148 63.8 32.0 96.2

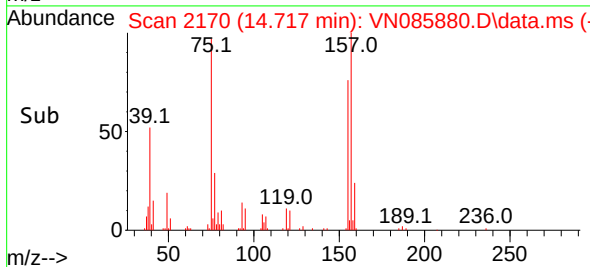
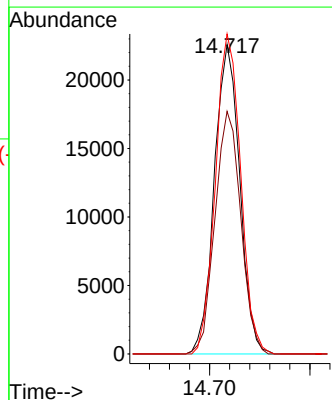
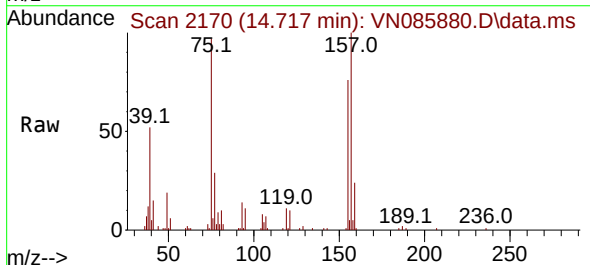
Manual Integrations
APPROVED

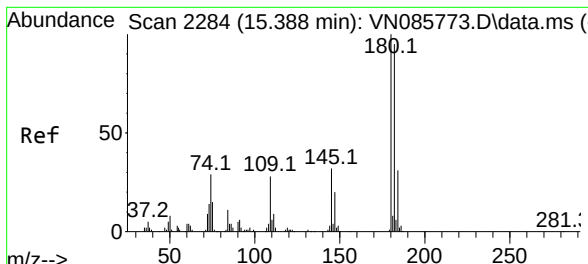
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.618 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

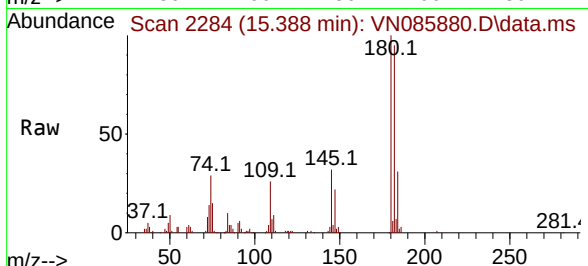
Tgt Ion: 75 Resp: 39643
Ion Ratio Lower Upper
75 100
155 80.0 39.9 119.6
157 102.8 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 45.173 ug/l
RT: 15.388 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

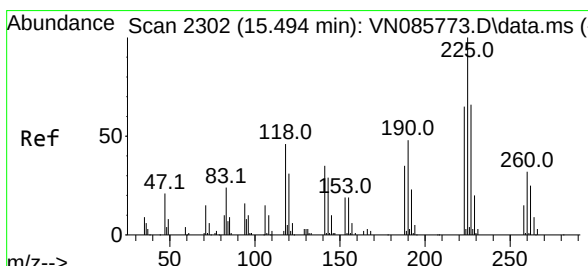
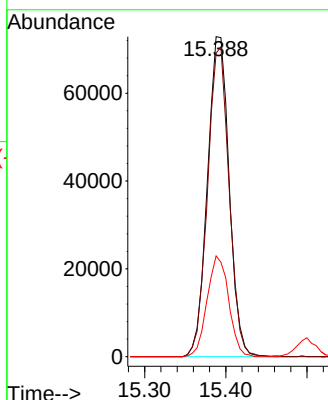
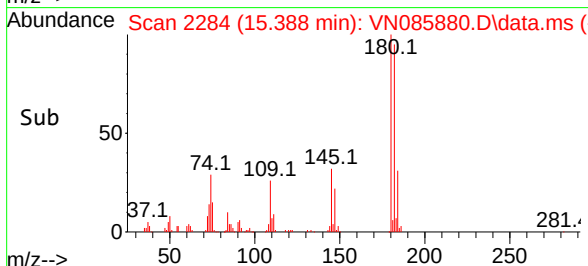
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



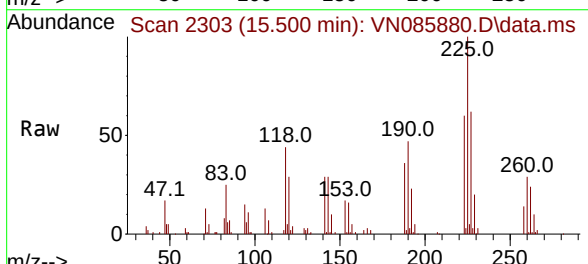
Tgt Ion:180 Resp: 13520
Ion Ratio Lower Upper
180 100
182 95.9 47.3 141.9
145 31.3 16.2 48.5

Manual Integrations
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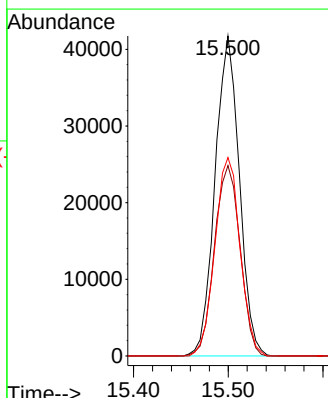
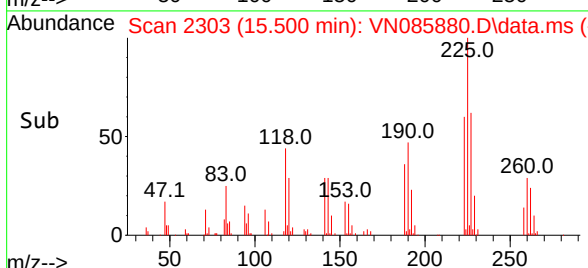
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

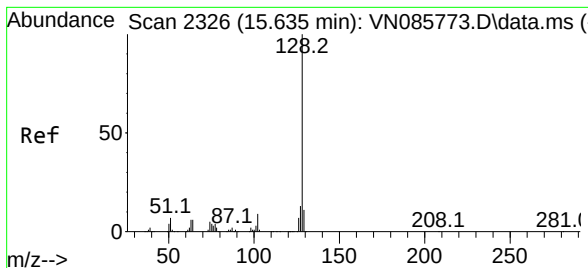


#94
Hexachlorobutadiene
Concen: 40.892 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18



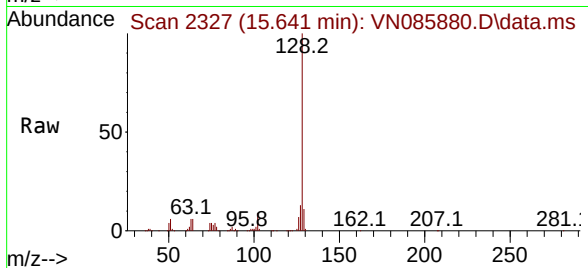
Tgt Ion:225 Resp: 74381
Ion Ratio Lower Upper
225 100
223 62.8 31.9 95.5
227 64.3 32.2 96.6





#95
Naphthalene
Concen: 49.537 ug/l
RT: 15.641 min Scan# 2326
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18

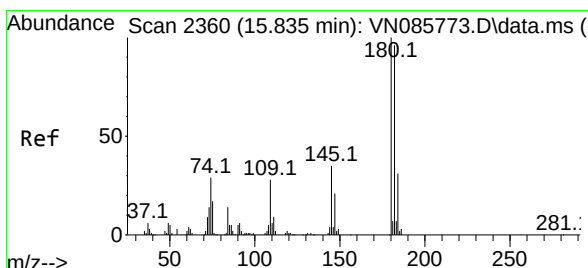
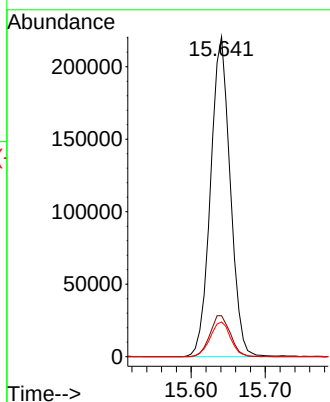
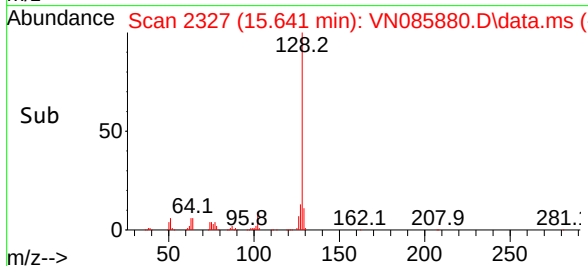
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



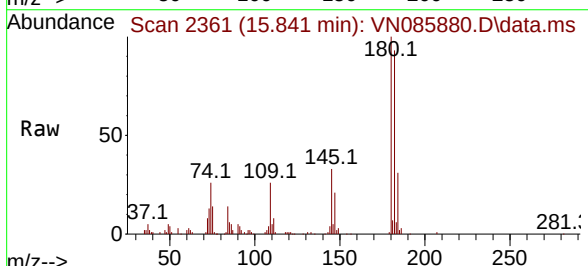
Tgt Ion:128 Resp: 40704
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.2
129 11.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#96
1,2,3-Trichlorobenzene
Concen: 45.688 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN085880.D
Acq: 27 Feb 2025 10:18



Tgt Ion:180 Resp: 137278
Ion Ratio Lower Upper
180 100
182 95.8 47.3 141.8
145 33.5 16.9 50.6

