

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021825\
 Data File : VN085775.D
 Acq On : 18 Feb 2025 12:20
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/19/2025
 Supervised By : Mahesh Dadoda 02/19/2025

Quant Time: Feb 19 03:17:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:03:15 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	235331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	397776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	339681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	151740	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	27654	9.064	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	18.120%#
35) Dibromofluoromethane	8.159	113	23353	8.972	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	17.940%#
50) Toluene-d8	10.565	98	80889	8.542	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	17.080%#
62) 4-Bromofluorobenzene	12.841	95	25697	8.236	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	16.480%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	36657	11.452	ug/l	96
3) Chloromethane	2.359	50	34946	10.880	ug/l	97
4) Vinyl Chloride	2.518	62	37462	11.015	ug/l	99
5) Bromomethane	2.965	94	25562	11.755	ug/l	100
6) Chloroethane	3.124	64	24265	10.772	ug/l	95
7) Trichlorofluoromethane	3.500	101	53380	10.841	ug/l	99
8) Diethyl Ether	3.959	74	17236	10.819	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	31724	11.146	ug/l	96
10) Methyl Iodide	4.589	142	37913	10.806	ug/l	93
11) Tert butyl alcohol	5.506	59	21584	57.519	ug/l	99
12) 1,1-Dichloroethene	4.342	96	27815	10.778	ug/l	97
13) Acrolein	4.177	56	27644	49.677	ug/l	98
14) Allyl chloride	5.024	41	36624	10.809	ug/l	98
15) Acrylonitrile	5.718	53	65440	53.643	ug/l	99
16) Acetone	4.424	43	51172	53.007	ug/l	97
17) Carbon Disulfide	4.712	76	84915	11.102	ug/l	99
18) Methyl Acetate	5.024	43	37354	11.250	ug/l	98
19) Methyl tert-butyl Ether	5.788	73	80686	10.521	ug/l	96
20) Methylene Chloride	5.271	84	33412	10.762	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	29226	10.517	ug/l	91
22) Diisopropyl ether	6.671	45	83002	10.841	ug/l	95
23) Vinyl Acetate	6.600	43	279697m	53.519	ug/l	
24) 1,1-Dichloroethane	6.565	63	57247	10.999	ug/l	97
25) 2-Butanone	7.477	43	77791	54.772	ug/l	98
26) 2,2-Dichloropropane	7.482	77	50333	10.876	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	34806	10.802	ug/l	98
28) Bromochloromethane	7.812	49	16276	7.609	ug/l #	99
29) Tetrahydrofuran	7.835	42	50478	55.039	ug/l	98
30) Chloroform	7.959	83	59719	10.980	ug/l	96
31) Cyclohexane	8.253	56	45995	10.555	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	51254	10.595	ug/l	98
36) 1,1-Dichloropropene	8.365	75	38983	10.582	ug/l	99
37) Ethyl Acetate	7.553	43	30665	10.115	ug/l	96
38) Carbon Tetrachloride	8.353	117	46420	10.605	ug/l	97
39) Methylcyclohexane	9.594	83	35475	9.803	ug/l #	85
40) Benzene	8.606	78	124704	10.562	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	16811	10.373	ug/l	99
42) 1,2-Dichloroethane	8.665	62	41912	10.898	ug/l	98
43) Isopropyl Acetate	8.682	43	60794	11.001	ug/l	95
44) Trichloroethene	9.347	130	30561	10.542	ug/l	88
45) 1,2-Dichloropropane	9.618	63	30619	10.744	ug/l	100
46) Dibromomethane	9.706	93	21085	10.489	ug/l	98
47) Bromodichloromethane	9.882	83	45413	10.559	ug/l	95
48) Methyl methacrylate	9.676	41	22058	9.798	ug/l	96
49) 1,4-Dioxane	9.688	88	8936	208.723	ug/l #	95
51) 4-Methyl-2-Pentanone	10.441	43	155789	53.302	ug/l	98
52) Toluene	10.623	92	73516	10.622	ug/l	98
53) t-1,3-Dichloropropene	10.829	75	41230	10.367	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	46300	10.617	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	29408	10.687	ug/l	96
56) Ethyl methacrylate	10.871	69	35641	10.274	ug/l	99
57) 1,3-Dichloropropane	11.159	76	48905	10.647	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	67791	47.108	ug/l	97
59) 2-Hexanone	11.188	43	105782	52.609	ug/l	97
60) Dibromochloromethane	11.353	129	34267	10.694	ug/l	98
61) 1,2-Dibromoethane	11.465	107	28789	11.073	ug/l	97
64) Tetrachloroethene	11.100	164	28564	10.855	ug/l	92
65) Chlorobenzene	11.888	112	82365	10.585	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.953	131	30133	10.773	ug/l	99
67) Ethyl Benzene	11.959	91	124323	10.199	ug/l	98
68) m/p-Xylenes	12.065	106	98574	21.290	ug/l	98
69) o-Xylene	12.394	106	45263	10.287	ug/l	100
70) Styrene	12.406	104	72044	9.994	ug/l	98
71) Bromoform	12.576	173	21882	10.529	ug/l #	98
73) Isopropylbenzene	12.688	105	109944	10.576	ug/l	99
74) N-amyl acetate	12.488	43	38318	10.452	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	39575	11.063	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	34754m	10.425	ug/l	
77) Bromobenzene	12.976	156	31066	11.061	ug/l	98
78) n-propylbenzene	13.029	91	125206	10.517	ug/l	99
79) 2-Chlorotoluene	13.117	91	86237	10.841	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	90718	10.713	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	11901	10.302	ug/l	97
82) 4-Chlorotoluene	13.217	91	86106	10.919	ug/l	100
83) tert-Butylbenzene	13.435	119	73803	10.364	ug/l	96
84) 1,2,4-Trimethylbenzene	13.476	105	89125	10.638	ug/l	99
85) sec-Butylbenzene	13.611	105	107253	10.660	ug/l	99
86) p-Isopropyltoluene	13.723	119	84249	10.256	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	56944	10.822	ug/l	97
88) 1,4-Dichlorobenzene	13.806	146	57166	10.600	ug/l	99
89) n-Butylbenzene	14.053	91	70940	9.931	ug/l	96
90) Hexachloroethane	14.329	117	19282	10.119	ug/l	94
91) 1,2-Dichlorobenzene	14.100	146	53647	10.602	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	7223	10.996	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	25090	10.406	ug/l	98
94) Hexachlorobutadiene	15.494	225	15278	10.426	ug/l	95
95) Naphthalene	15.635	128	65549	9.902	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	25612	10.581	ug/l	98

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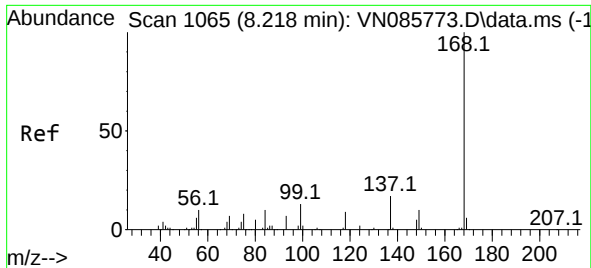
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/19/2025

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:03:15 2025
Response via : Initial Calibration

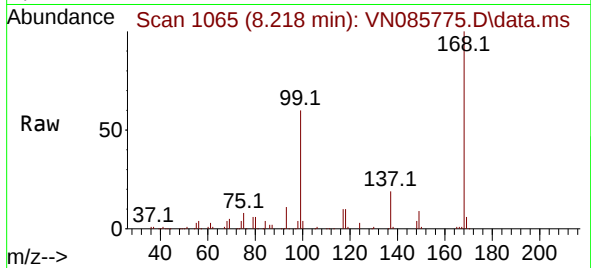
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085775.D
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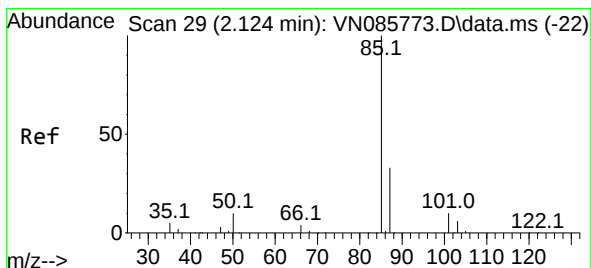
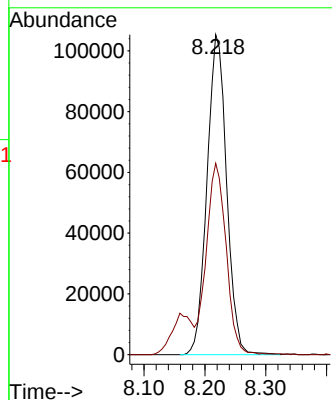
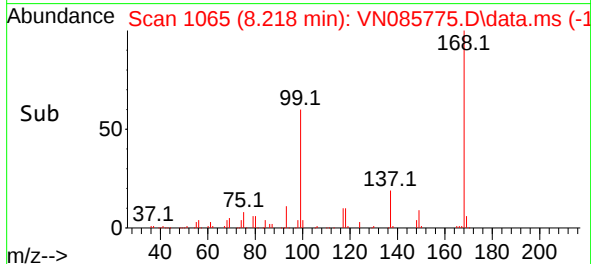
Instrument :
MSVOA_N
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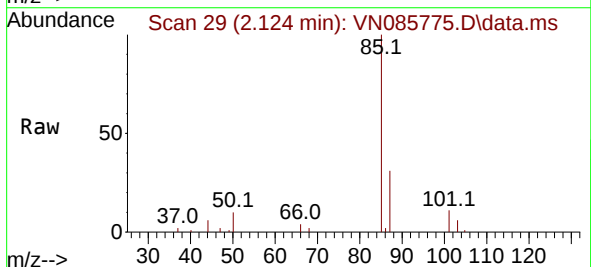
Tgt Ion:168 Resp: 23533
Ion Ratio Lower Upper
168 100
99 59.5 47.9 71.9

Manual Integrations
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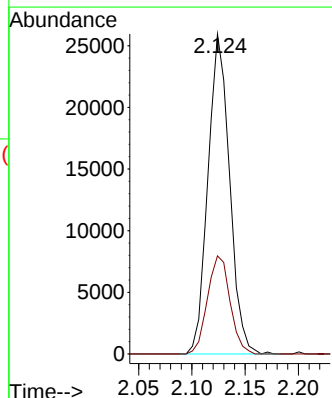
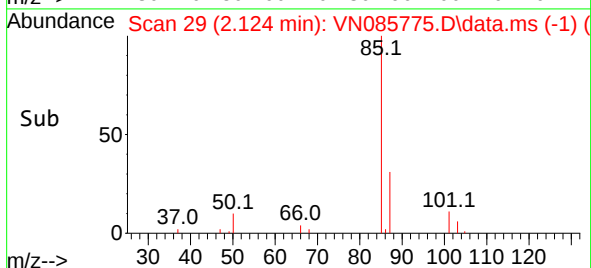
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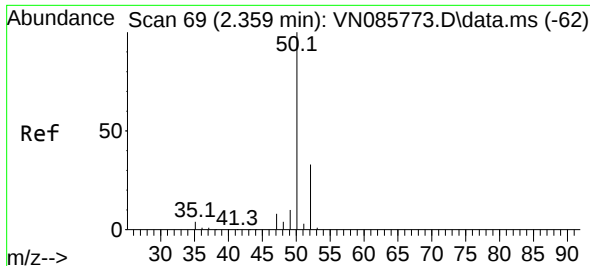


#2
Dichlorodifluoromethane
Concen: 11.452 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20



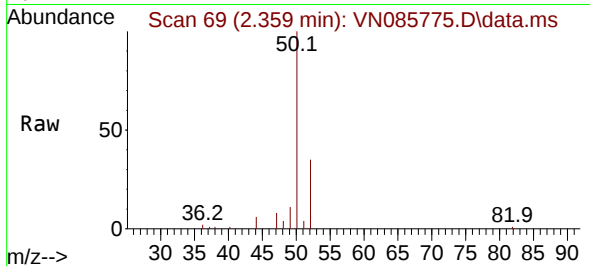
Tgt Ion: 85 Resp: 36657
Ion Ratio Lower Upper
85 100
87 30.6 16.4 49.2





#3
Chloromethane
Concen: 10.880 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

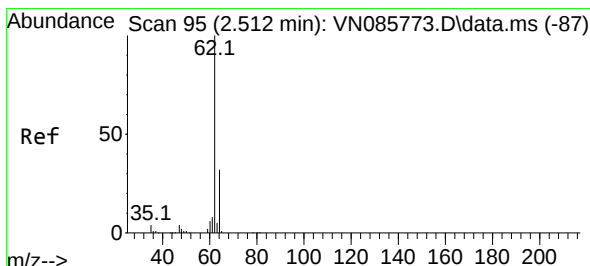
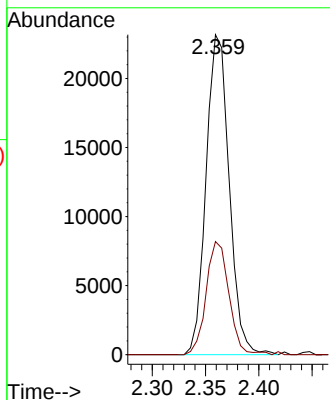
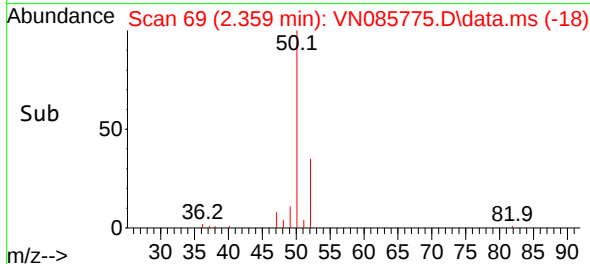
Instrument :
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Tgt Ion: 50 Resp: 34940
Ion Ratio Lower Upper
50 100
52 35.4 26.7 40.1

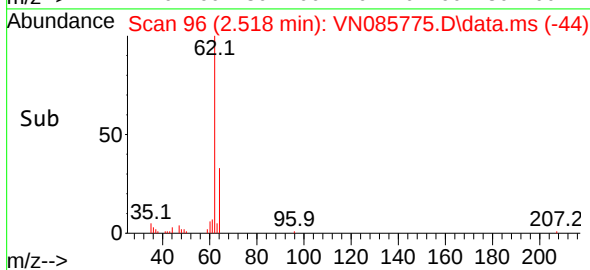
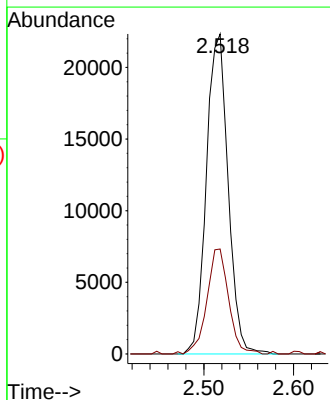
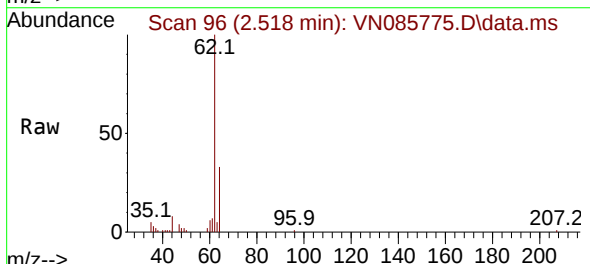
Manual Integrations
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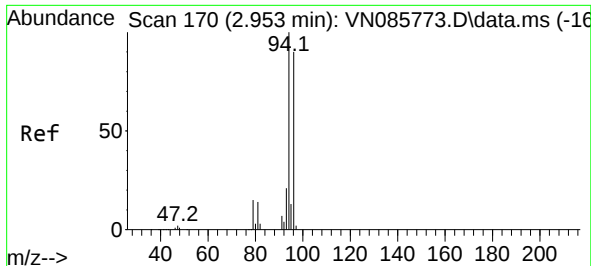
Reviewed By :John Carlone 02/19/2025
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#4
Vinyl Chloride
Concen: 11.015 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

Tgt Ion: 62 Resp: 37462
Ion Ratio Lower Upper
62 100
64 32.8 25.9 38.9





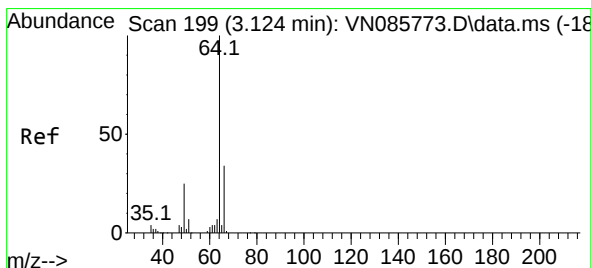
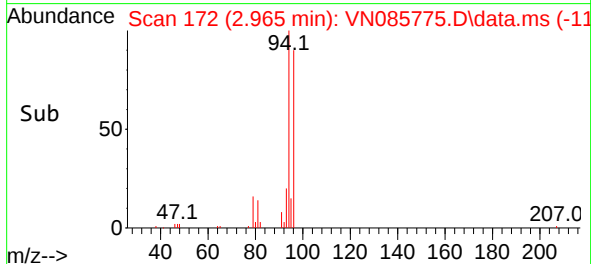
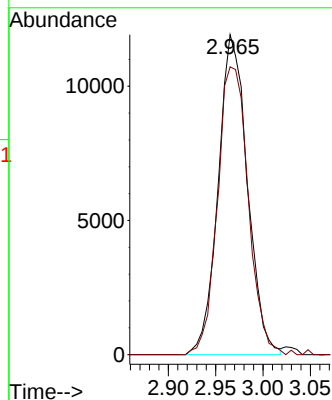
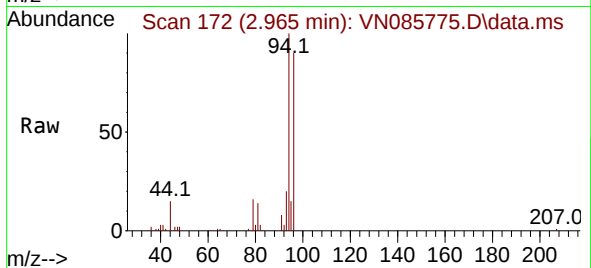
#5
Bromomethane
Concen: 11.755 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

Instrument :
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Tgt Ion: 94 Resp: 2556
Ion Ratio Lower Upper
94 100
96 89.9 71.7 107.5

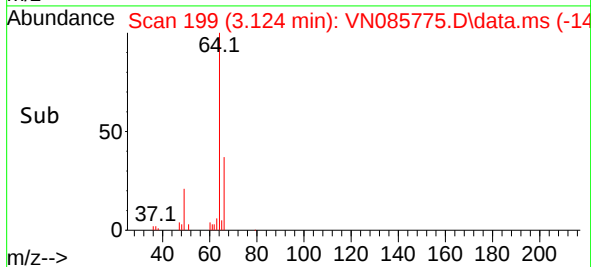
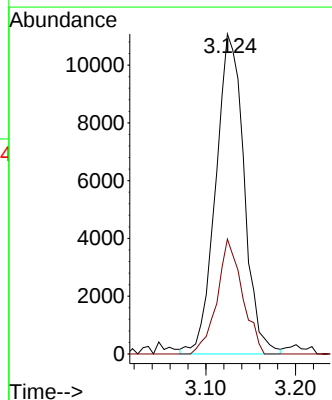
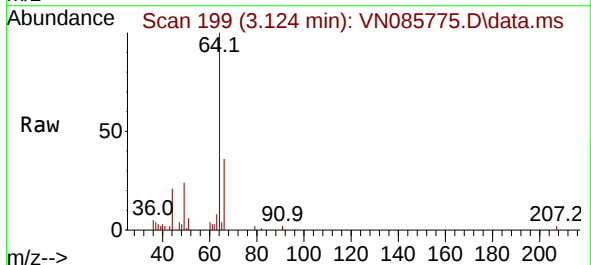
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#6
Chloroethane
Concen: 10.772 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

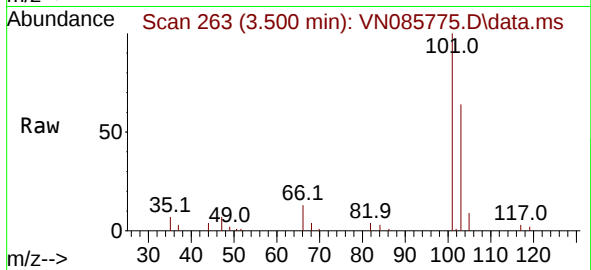
Tgt Ion: 64 Resp: 24265
Ion Ratio Lower Upper
64 100
66 36.5 27.0 40.6





#7
 Trichlorofluoromethane
 Concen: 10.841 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN085775.D
 Acq: 18 Feb 2025 12:20

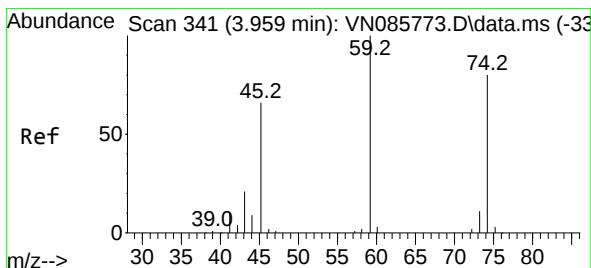
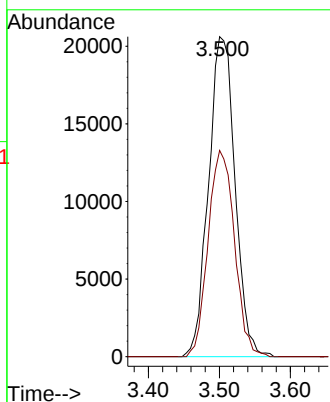
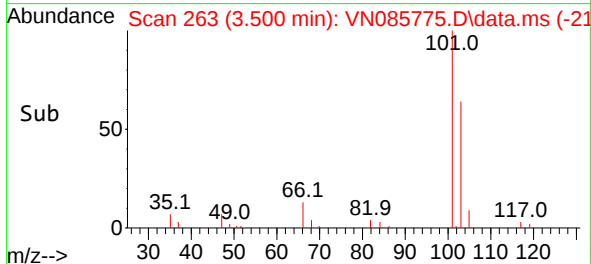
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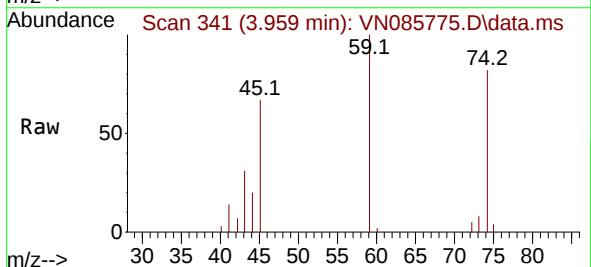
Tgt Ion:101 Resp: 53380
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.2 78.4

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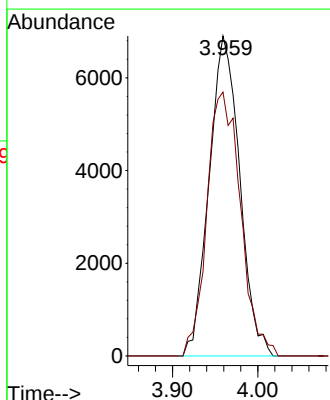
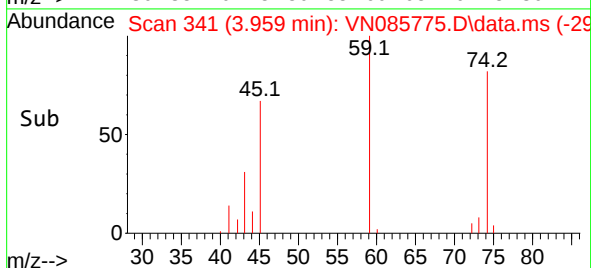
Reviewed By :John Carlone 02/19/2025
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#8
 Diethyl Ether
 Concen: 10.819 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
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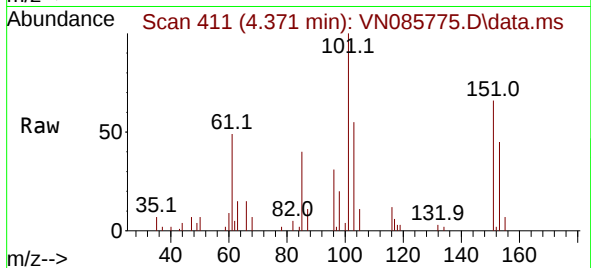
Tgt Ion: 74 Resp: 17236
 Ion Ratio Lower Upper
 74 100
 45 90.3 42.5 127.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.146 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN085775.D
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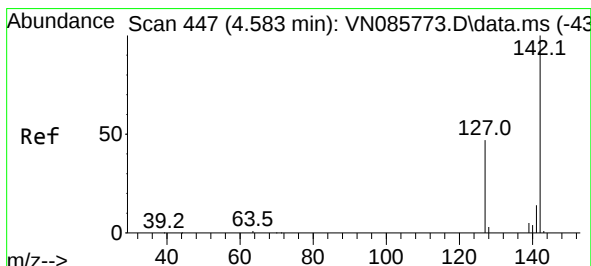
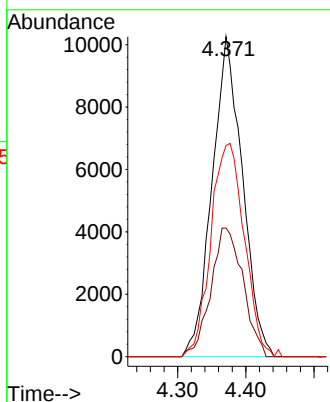
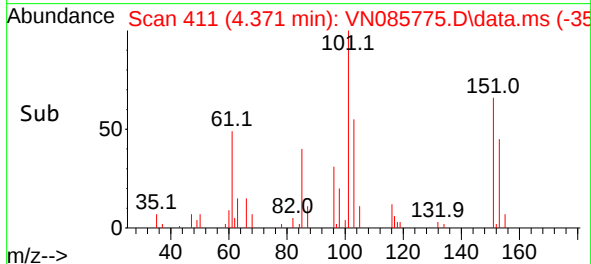
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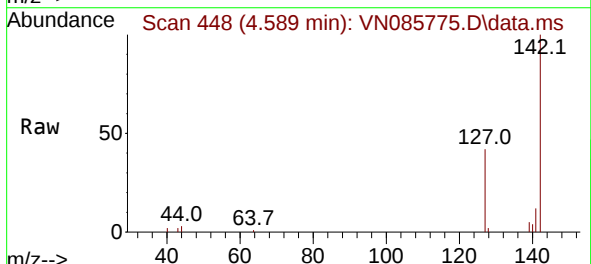
Tgt Ion:101 Resp: 31724
Ion Ratio Lower Upper
101 100
85 42.7 35.7 53.5
151 73.2 61.4 92.2

Manual Integrations
APPROVED

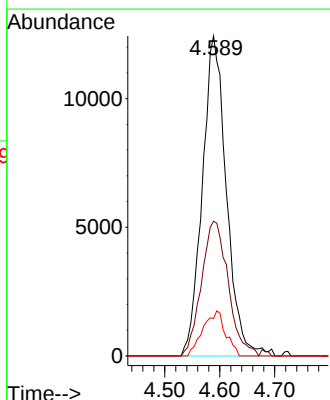
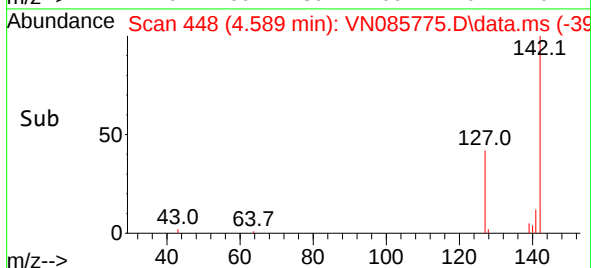
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#10
Methyl Iodide
Concen: 10.806 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20



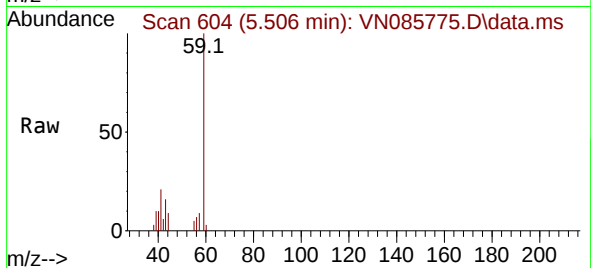
Tgt Ion:142 Resp: 37913
Ion Ratio Lower Upper
142 100
127 42.1 37.6 56.4
141 11.7 11.4 17.2





#11
Tert butyl alcohol
Concen: 57.519 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

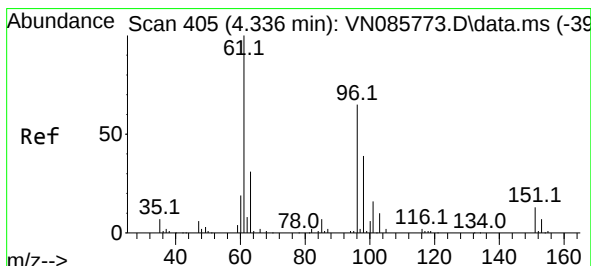
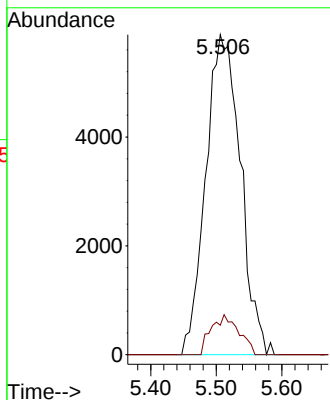
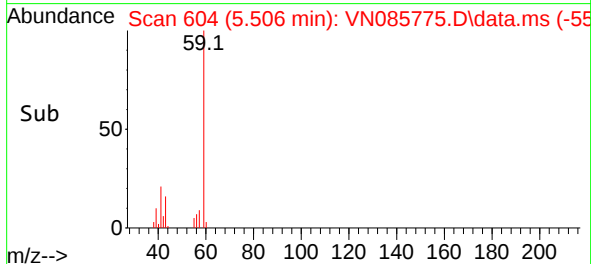
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



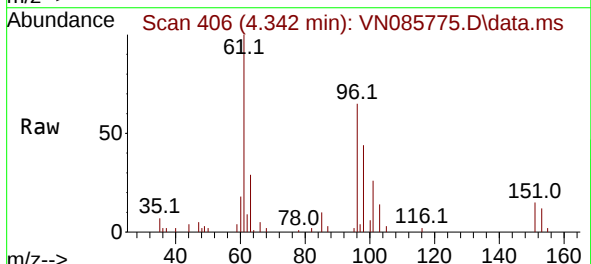
Tgt Ion: 59 Resp: 21584
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5

Manual Integrations
APPROVED

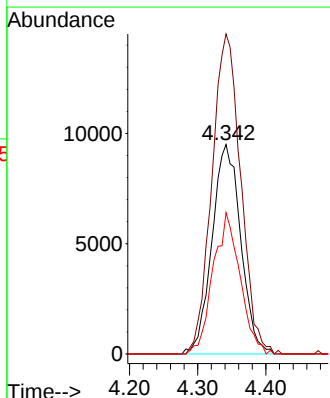
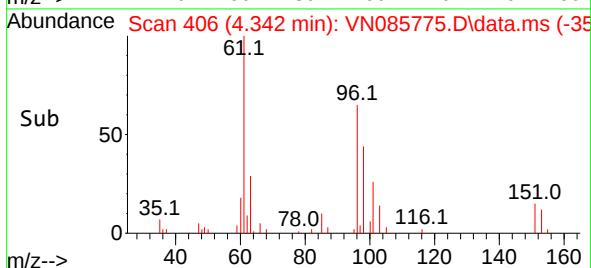
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

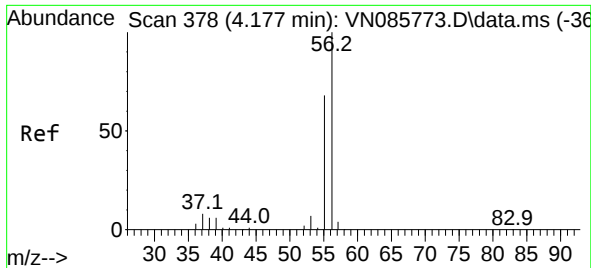


#12
1,1-Dichloroethene
Concen: 10.778 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20



Tgt Ion: 96 Resp: 27815
Ion Ratio Lower Upper
96 100
61 152.7 123.3 184.9
98 67.4 48.6 72.8





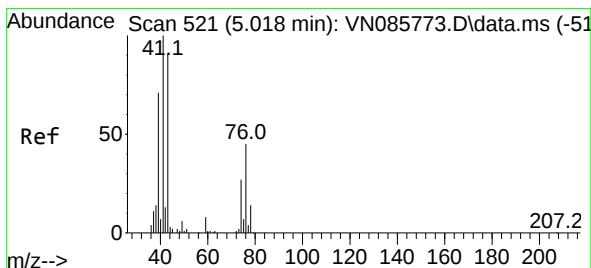
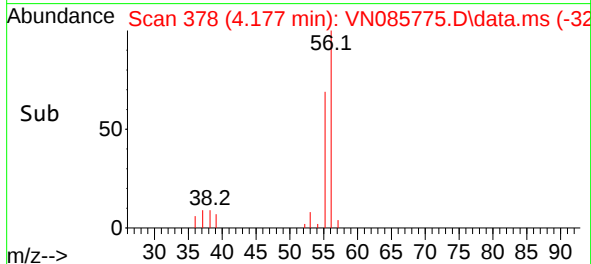
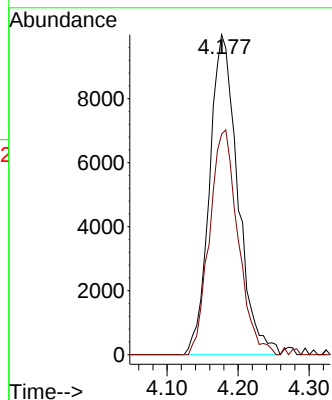
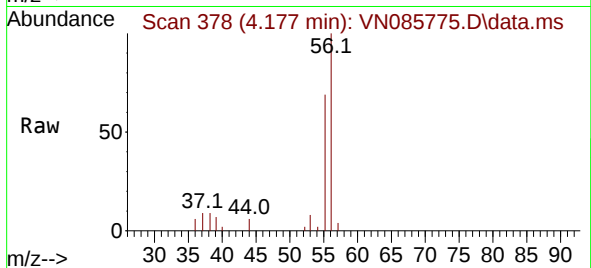
#13
Acrolein
Concen: 49.677 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 56 Resp: 27644
Ion Ratio Lower Upper
56 100
55 70.8 55.3 82.9

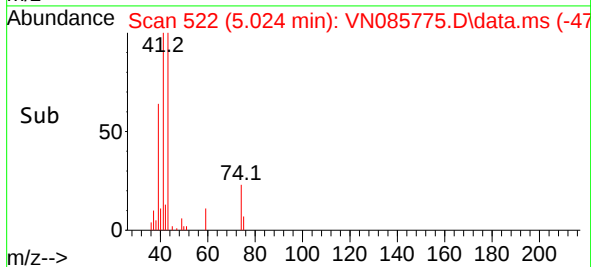
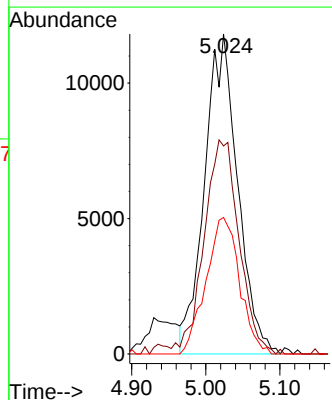
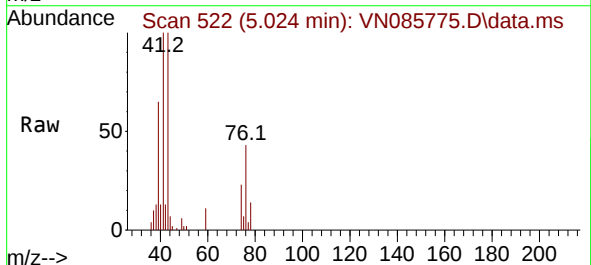
Manual Integrations
APPROVED

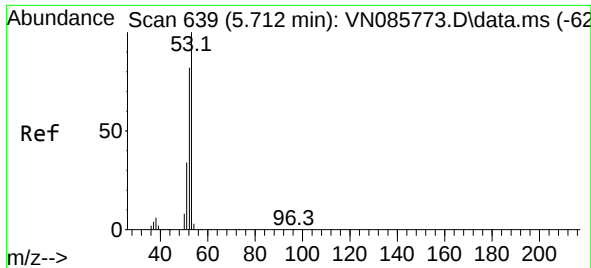
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#14
Allyl chloride
Concen: 10.809 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

Tgt Ion: 41 Resp: 36624
Ion Ratio Lower Upper
41 100
39 70.9 57.4 86.2
76 43.4 36.2 54.2





#15

Acrylonitrile

Concen: 53.643 ug/l

RT: 5.718 min Scan# 64

Delta R.T. 0.006 min

Lab File: VN085775.D

Acq: 18 Feb 2025 12:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 53 Resp: 65440

Ion Ratio Lower Upper

53 100

52 81.7 65.8 98.6

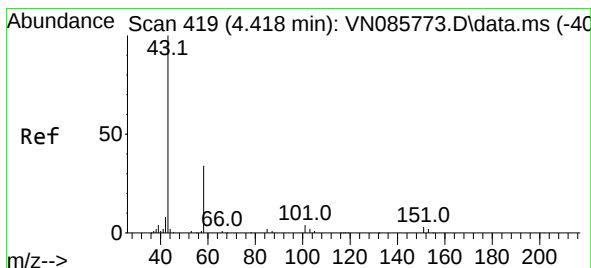
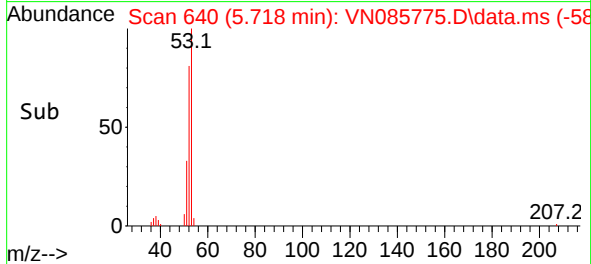
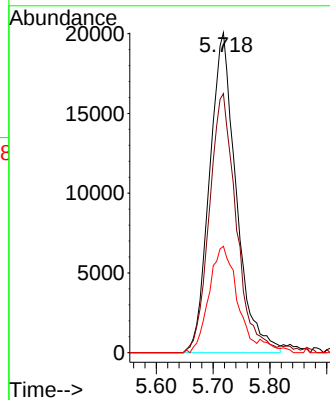
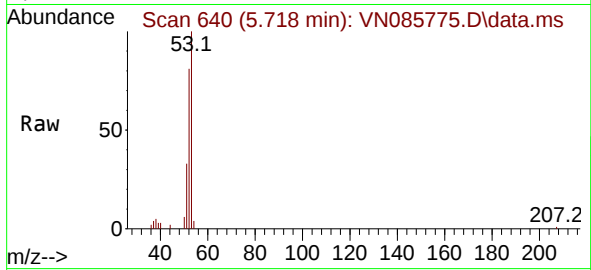
51 34.5 28.6 42.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#16

Acetone

Concen: 53.007 ug/l

RT: 4.424 min Scan# 420

Delta R.T. 0.006 min

Lab File: VN085775.D

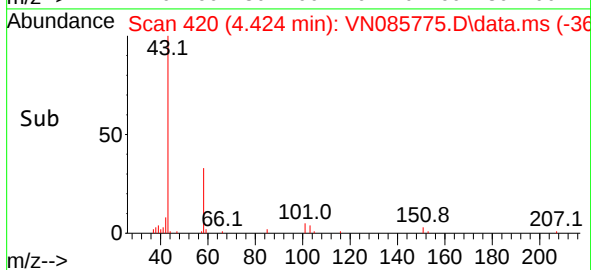
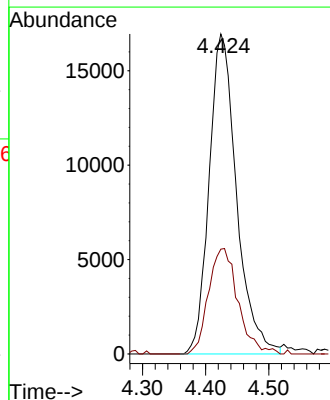
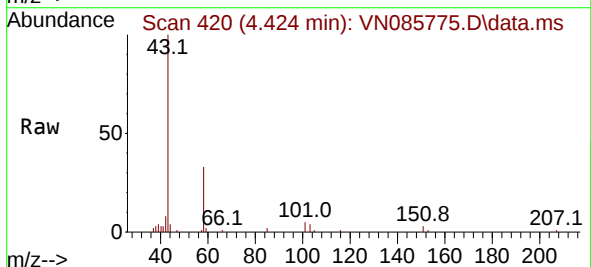
Acq: 18 Feb 2025 12:20

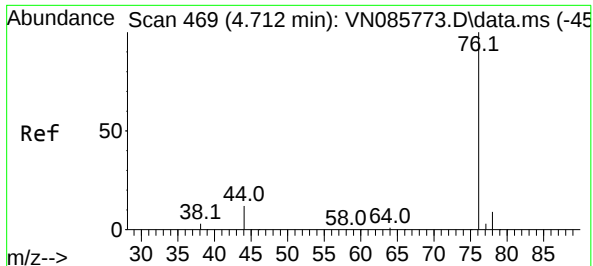
Tgt Ion: 43 Resp: 51172

Ion Ratio Lower Upper

43 100

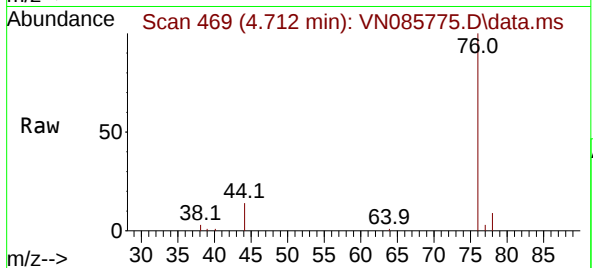
58 32.7 27.5 41.3





#17
Carbon Disulfide
Concen: 11.102 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

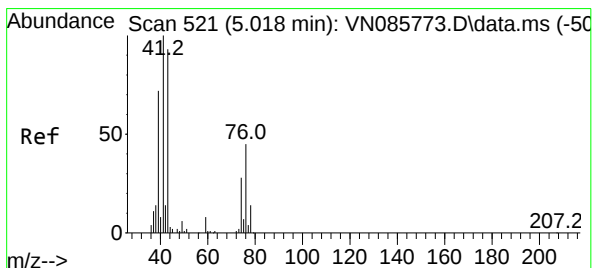
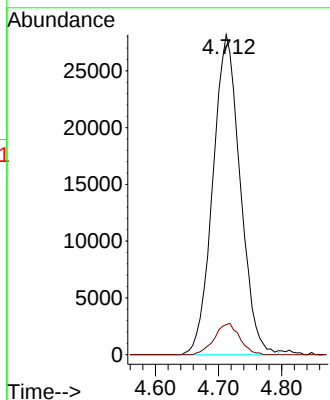
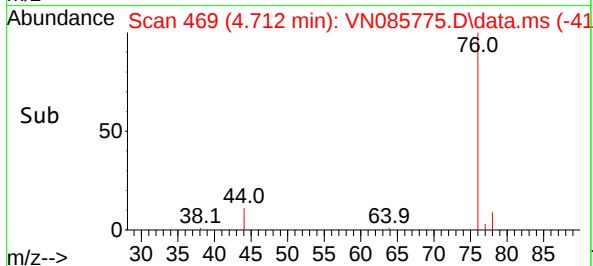
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



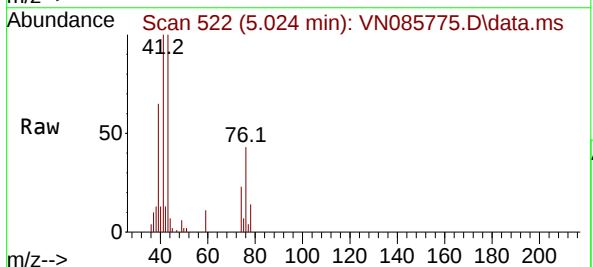
Tgt Ion: 76 Resp: 8491
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

Manual Integrations
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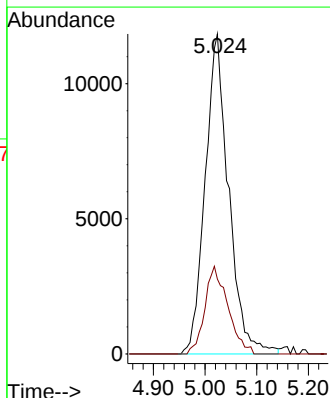
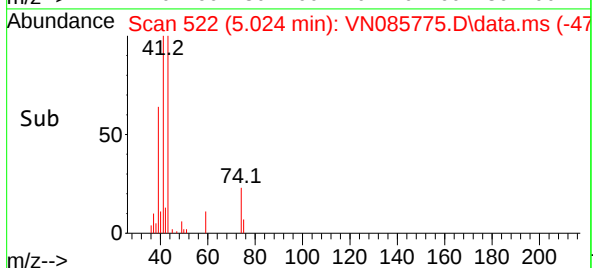
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#18
Methyl Acetate
Concen: 11.250 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20



Tgt Ion: 43 Resp: 37354
Ion Ratio Lower Upper
43 100
74 26.9 22.2 33.4





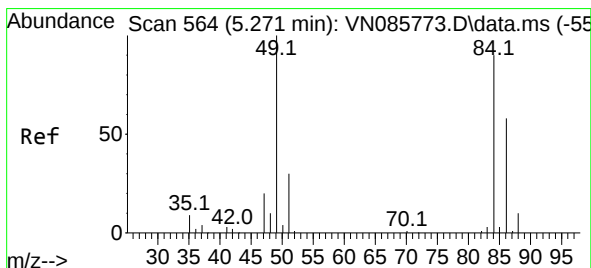
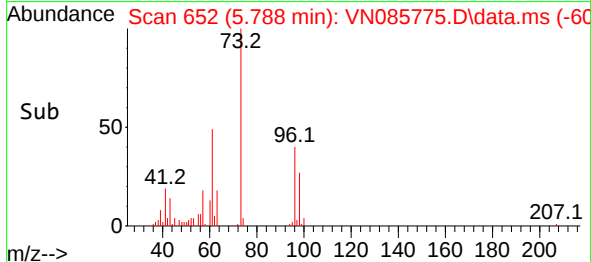
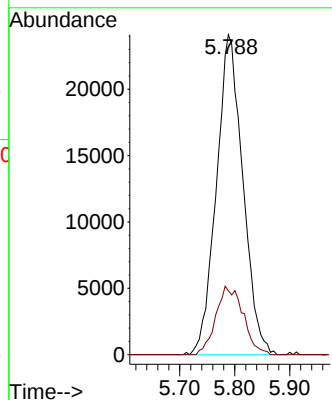
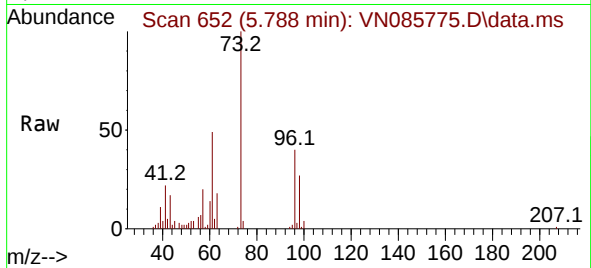
#19
Methyl tert-butyl Ether
Concen: 10.521 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 8068
Ion Ratio Lower Upper
73 100
57 20.0 17.6 26.4

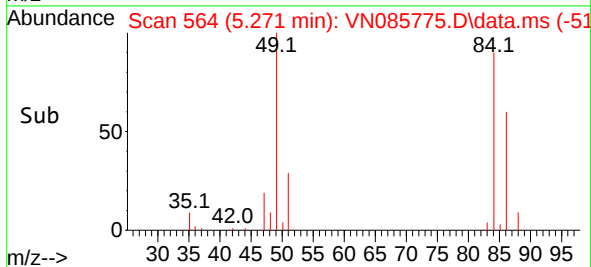
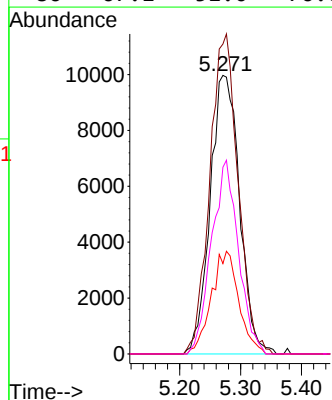
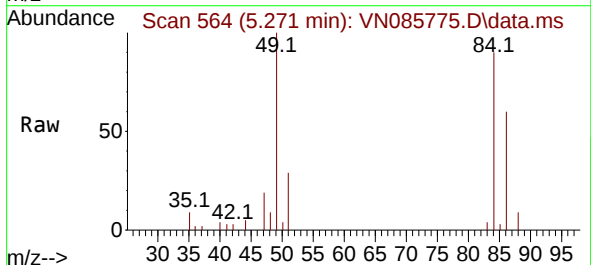
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#20
Methylene Chloride
Concen: 10.762 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

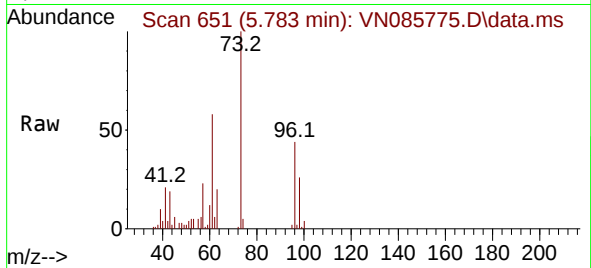
Tgt Ion: 84 Resp: 33412
Ion Ratio Lower Upper
84 100
49 111.3 88.4 132.6
51 32.4 26.6 40.0
86 67.1 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 10.517 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

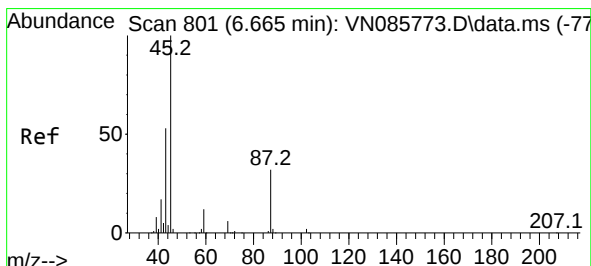
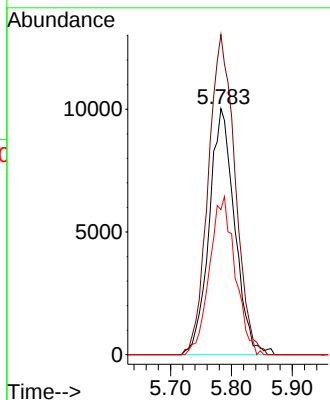
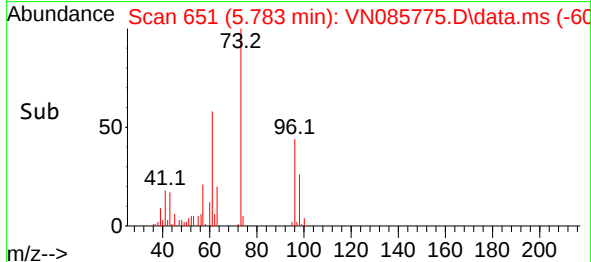
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



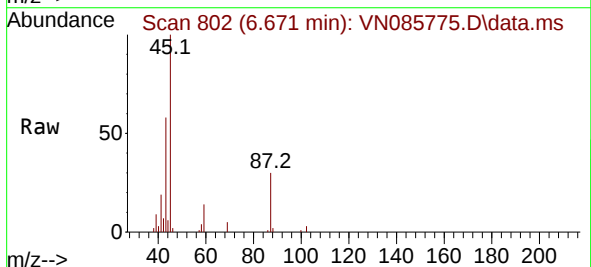
Tgt Ion: 96 Resp: 29220
Ion Ratio Lower Upper
96 100
61 130.0 112.6 168.8
98 59.0 53.3 79.9

Manual Integrations
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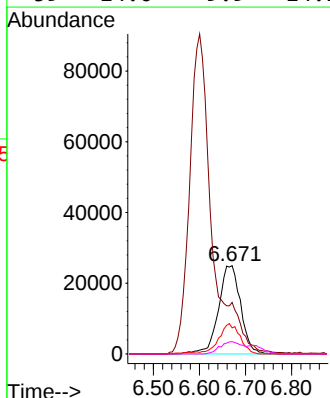
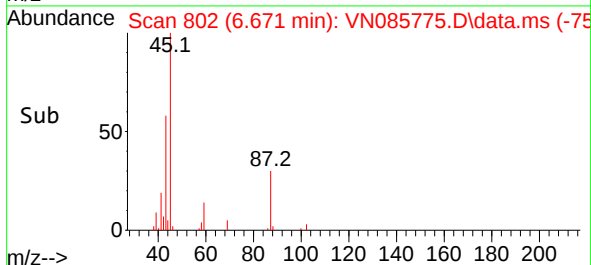
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#22
Diisopropyl ether
Concen: 10.841 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20



Tgt Ion: 45 Resp: 83002
Ion Ratio Lower Upper
45 100
43 56.6 42.6 64.0
87 29.5 25.8 38.8
59 14.0 9.9 14.9





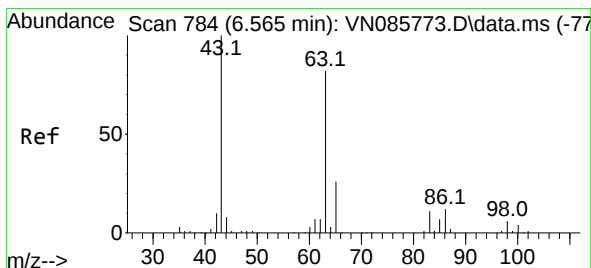
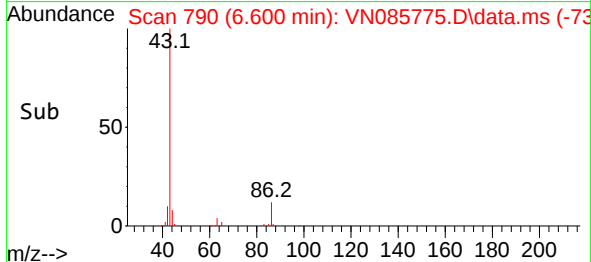
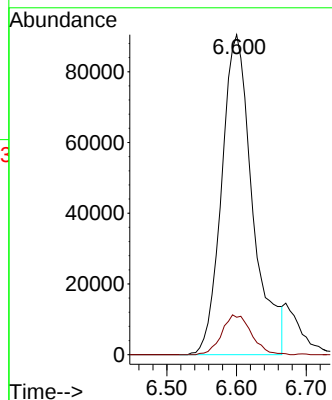
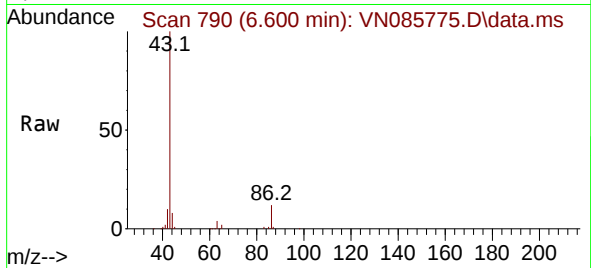
#23
 Vinyl Acetate
 Concen: 53.519 ug/l m
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085775.D
 Acq: 18 Feb 2025 12:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion: 43 Resp: 27969
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.8 14.8

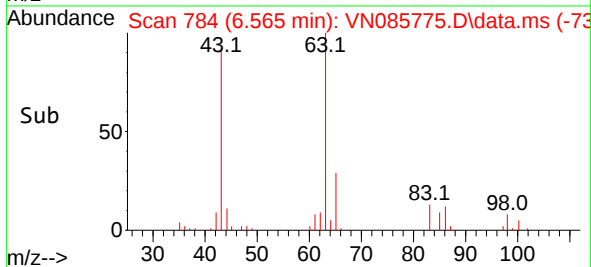
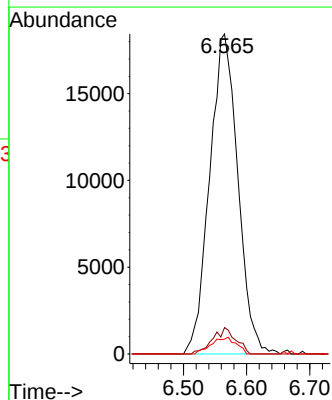
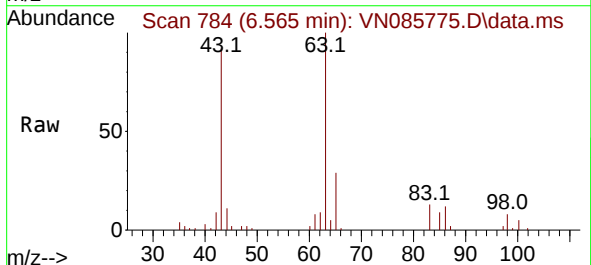
Manual Integrations
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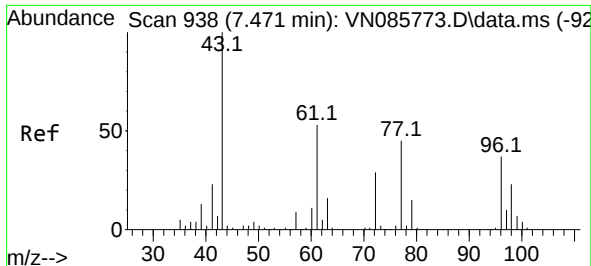
Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#24
 1,1-Dichloroethane
 Concen: 10.999 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085775.D
 Acq: 18 Feb 2025 12:20

Tgt Ion: 63 Resp: 57247
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.5 10.4
 100 4.6 2.4 7.2





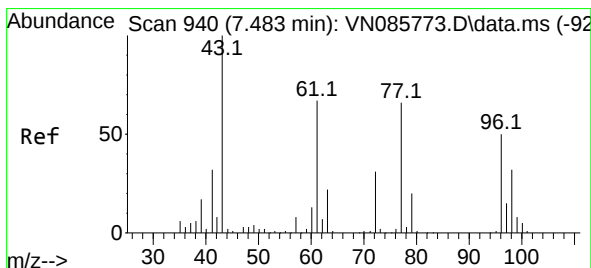
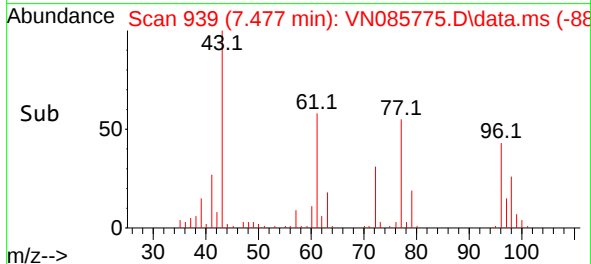
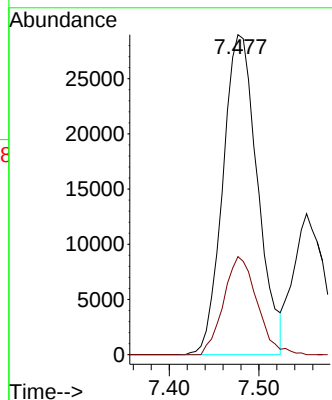
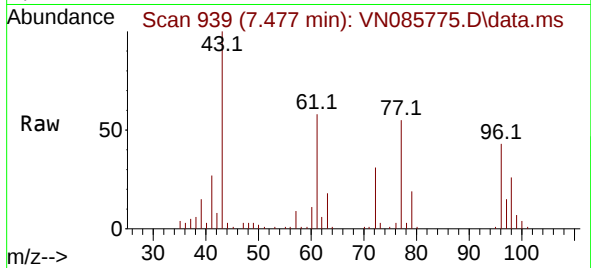
#25
2-Butanone
Concen: 54.772 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 7779
Ion Ratio Lower Upper
43 100
72 30.6 23.6 35.4

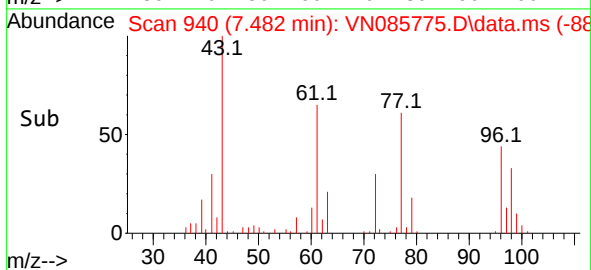
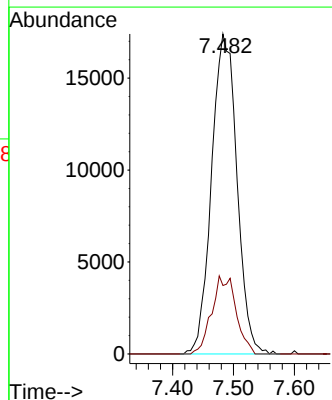
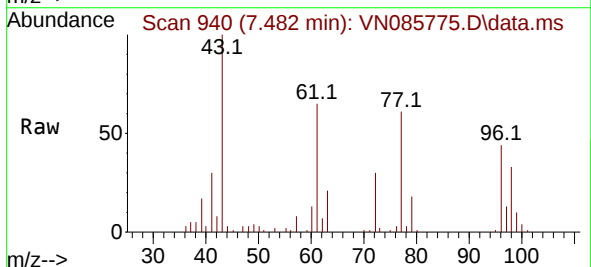
Manual Integrations
APPROVED

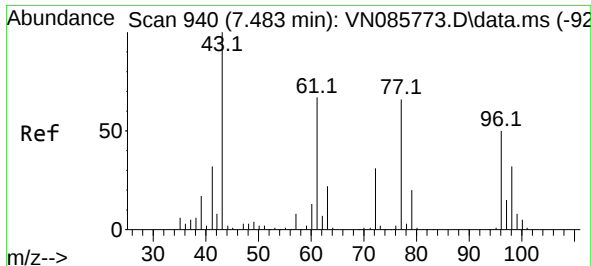
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#26
2,2-Dichloropropane
Concen: 10.876 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

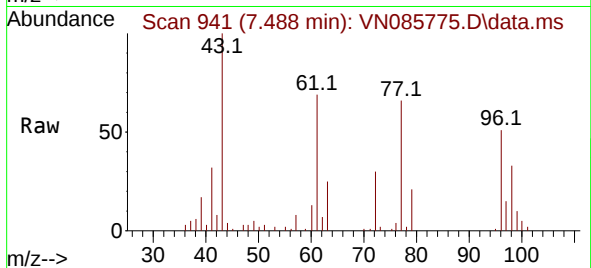
Tgt Ion: 77 Resp: 50333
Ion Ratio Lower Upper
77 100
97 23.3 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 10.802 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085775.D
 Acq: 18 Feb 2025 12:20

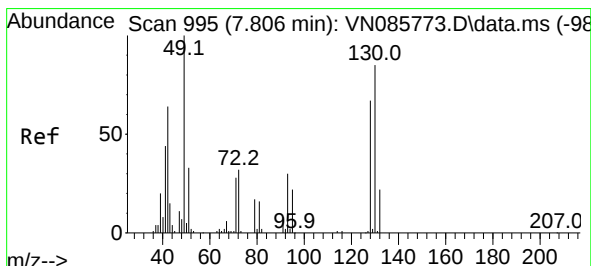
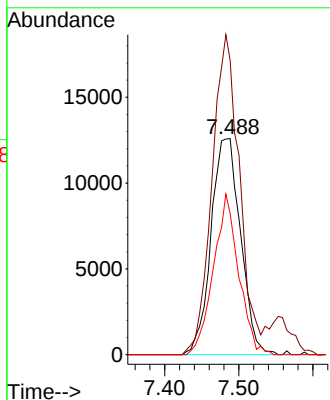
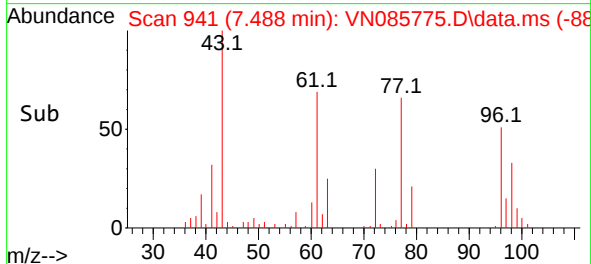
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion: 96 Resp: 3480
 Ion Ratio Lower Upper
 96 100
 61 137.4 0.0 280.6
 98 63.6 0.0 128.6

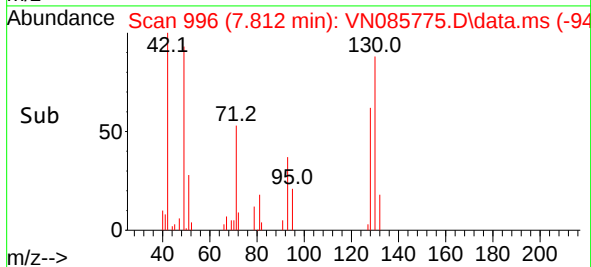
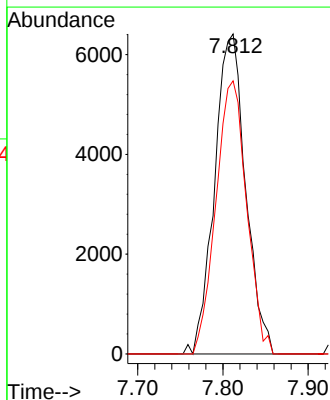
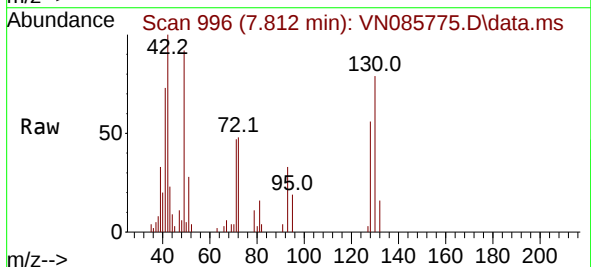
Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#28
 Bromochloromethane
 Concen: 7.609 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085775.D
 Acq: 18 Feb 2025 12:20

Tgt Ion: 49 Resp: 16276
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 84.4 68.0 102.0





#29

Tetrahydrofuran

Concen: 55.039 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN085775.D

Acq: 18 Feb 2025 12:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

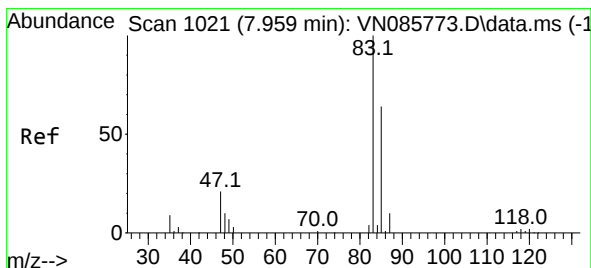
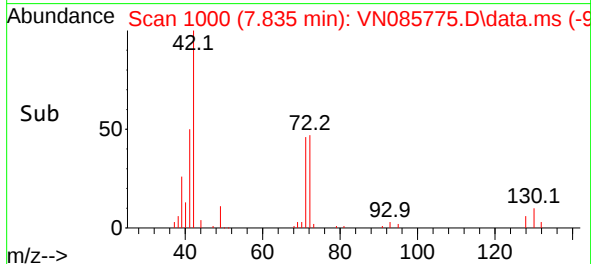
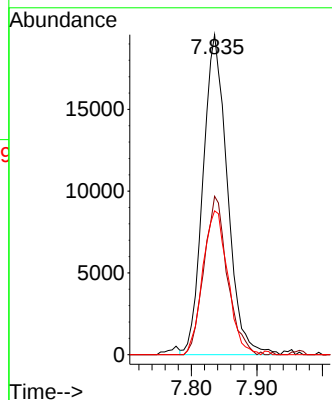
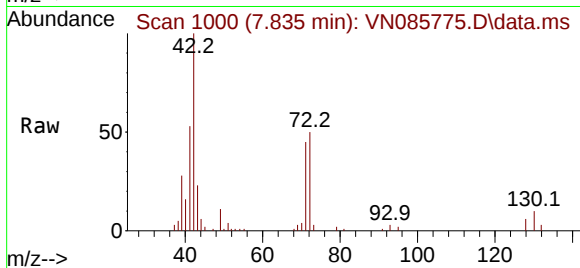
Tgt Ion:	42	Resp:	50478
Ion Ratio	Lower	Upper	
42	100		
72	47.8	40.0	60.0
71	46.2	37.0	55.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#30

Chloroform

Concen: 10.980 ug/l

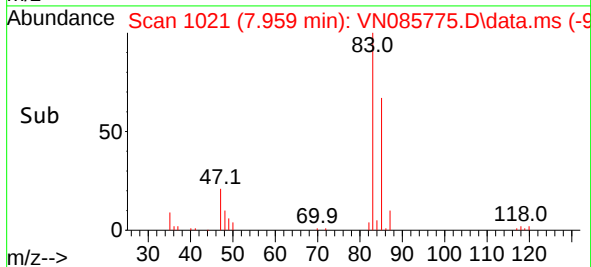
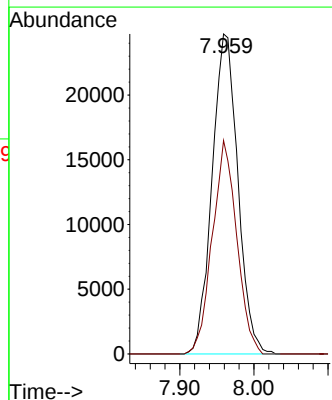
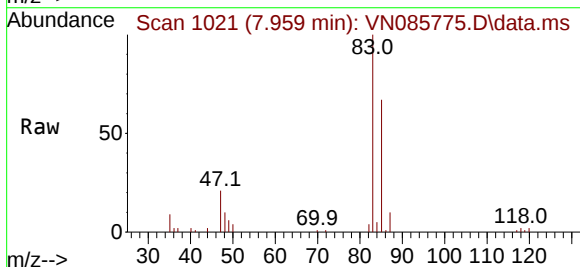
RT: 7.959 min Scan# 1021

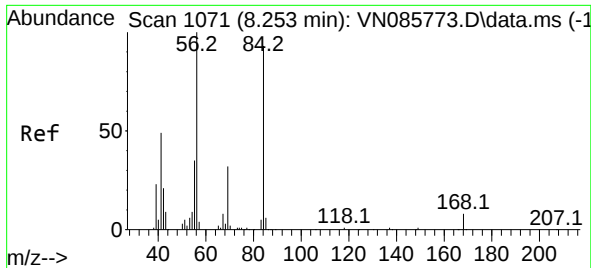
Delta R.T. -0.000 min

Lab File: VN085775.D

Acq: 18 Feb 2025 12:20

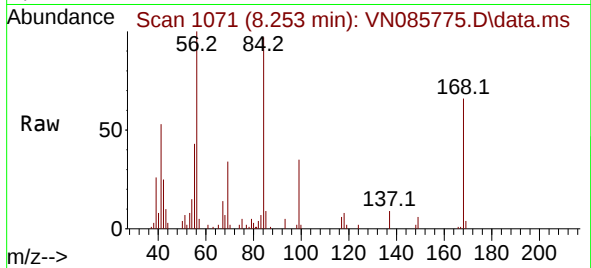
Tgt Ion:	83	Resp:	59719
Ion Ratio	Lower	Upper	
83	100		
85	66.7	50.9	76.3





#31
Cyclohexane
Concen: 10.555 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

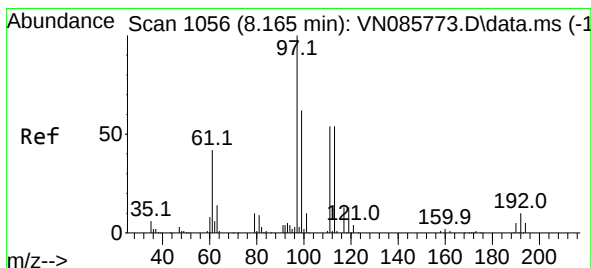
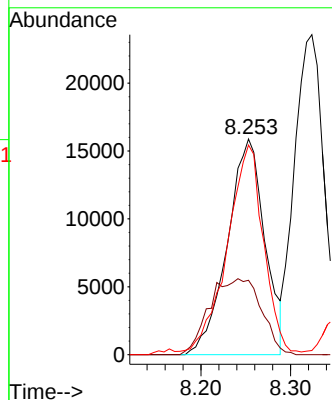
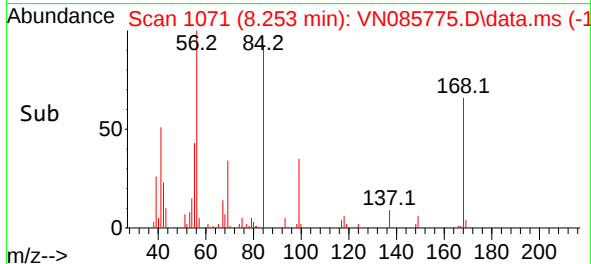
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:	56	69	84	Resp:	4599
Ion Ratio	100	34.5	95.6	Lower	Upper
		25.8	74.5		
			111.7		

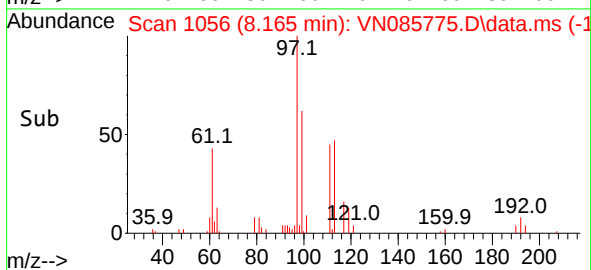
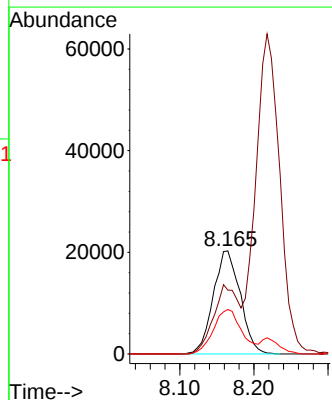
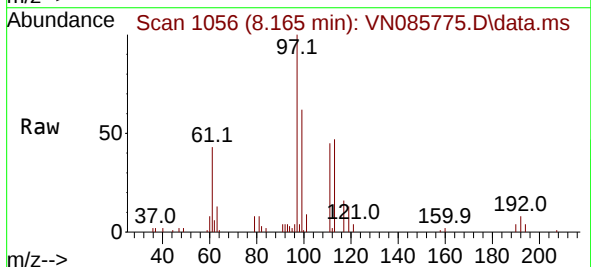
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#32
1,1,1-Trichloroethane
Concen: 10.595 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

Tgt Ion:	97	99	61	Resp:	51254
Ion Ratio	100	61.3	45.8	Lower	Upper
		50.4	35.5		
			53.3		





#33

1,2-Dichloroethane-d4

Concen: 9.064 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085775.D

Acq: 18 Feb 2025 12:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 27654

Ion Ratio Lower Upper

65 100

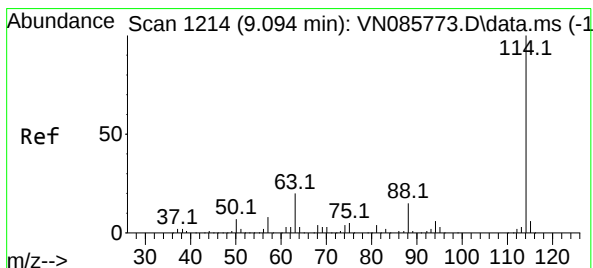
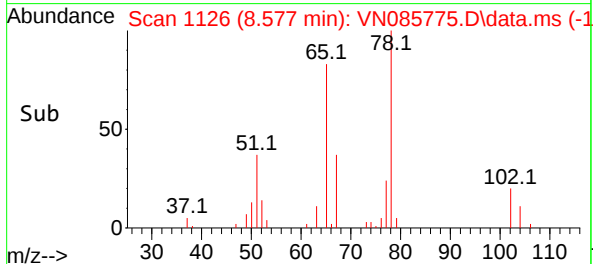
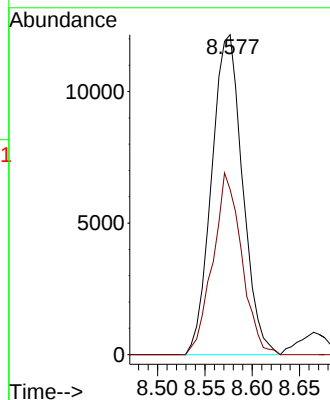
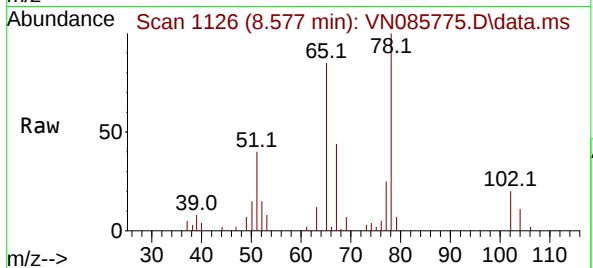
67 53.0 0.0 106.2

Manual Integrations

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Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.000 min

Lab File: VN085775.D

Acq: 18 Feb 2025 12:20

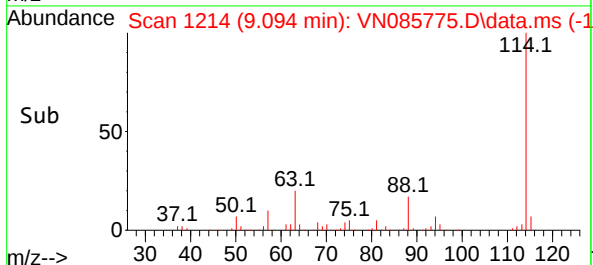
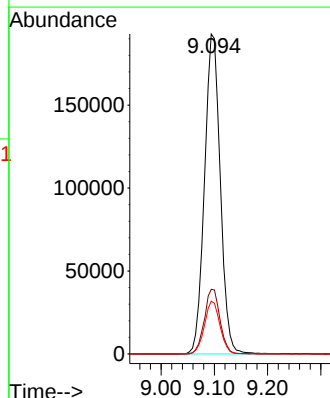
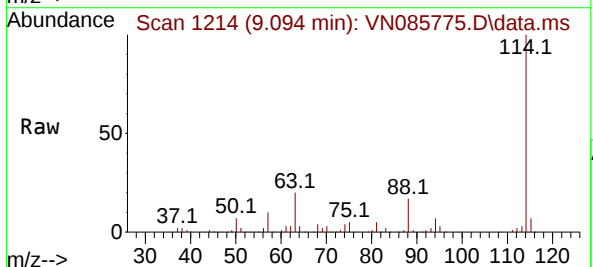
Tgt Ion:114 Resp: 397776

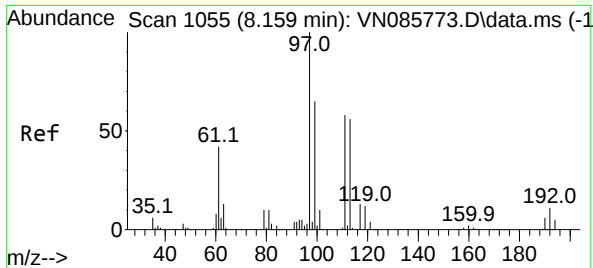
Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.2

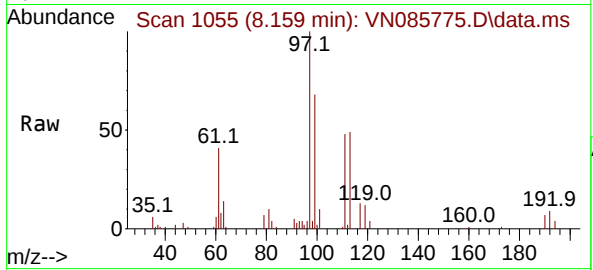
88 16.5 0.0 30.0





#35
Dibromofluoromethane
Concen: 8.972 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

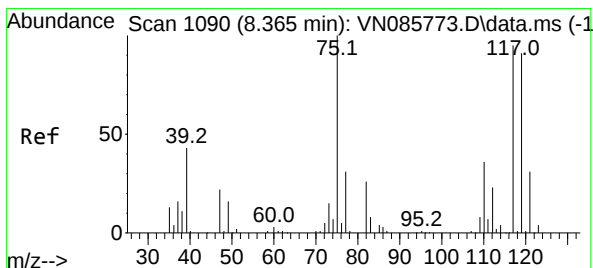
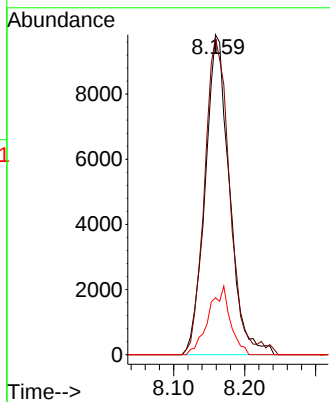
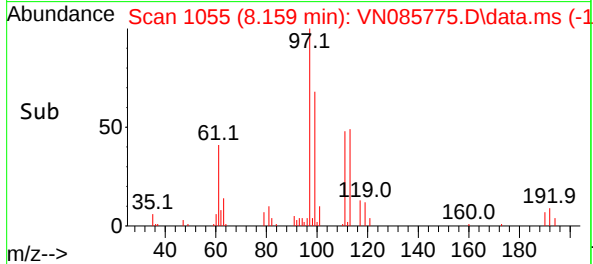
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



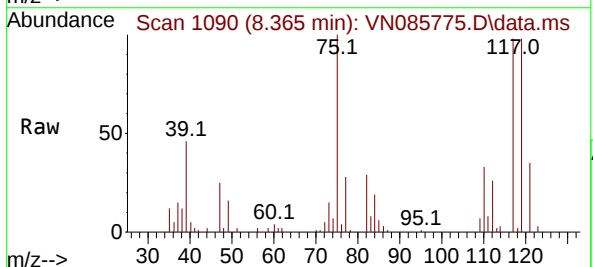
Tgt Ion: 113 Resp: 2335
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 19.2 14.7 22.1

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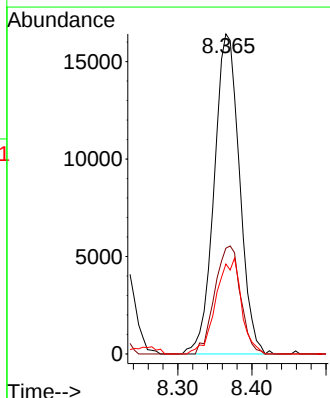
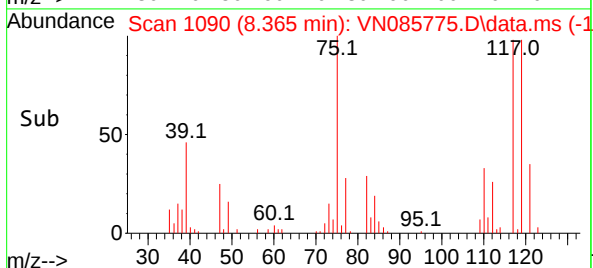
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

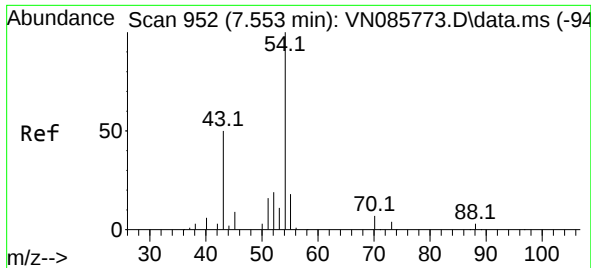


#36
1,1-Dichloropropene
Concen: 10.582 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20



Tgt Ion: 75 Resp: 38983
Ion Ratio Lower Upper
75 100
110 34.2 17.3 52.0
77 29.9 24.6 37.0





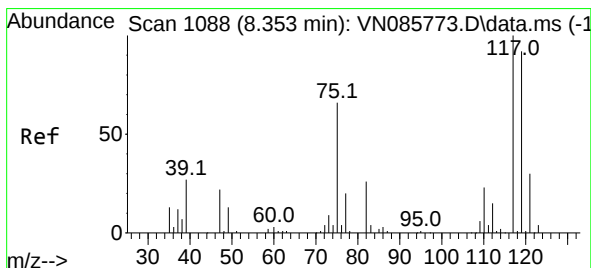
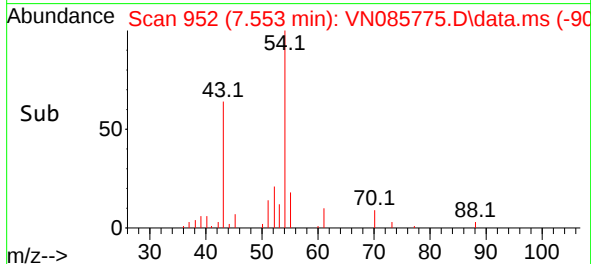
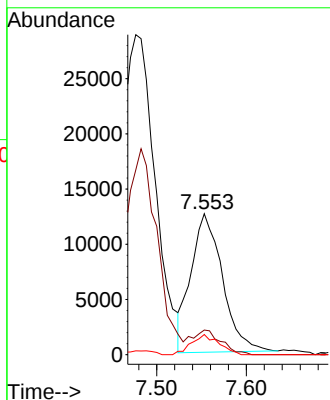
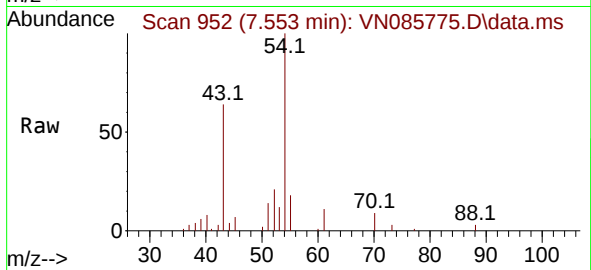
#37
Ethyl Acetate
Concen: 10.115 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 3066
Ion Ratio Lower Upper
43 100
61 13.0 12.2 18.2
70 12.6 9.5 14.3

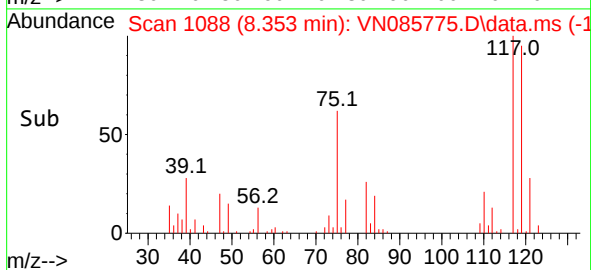
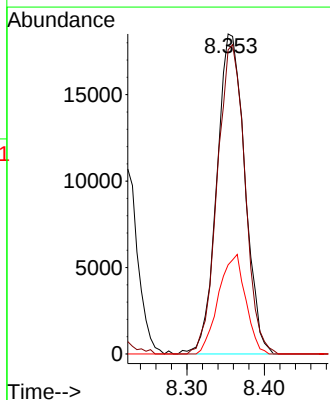
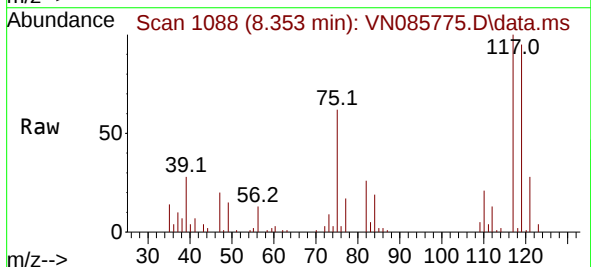
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#38
Carbon Tetrachloride
Concen: 10.605 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

Tgt Ion:117 Resp: 46420
Ion Ratio Lower Upper
117 100
119 95.1 73.8 110.6
121 27.8 24.3 36.5





#39

Methylcyclohexane

Concen: 9.803 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN085775.D

Acq: 18 Feb 2025 12:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 83 Resp: 35479

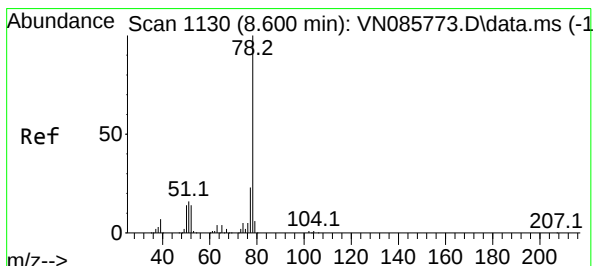
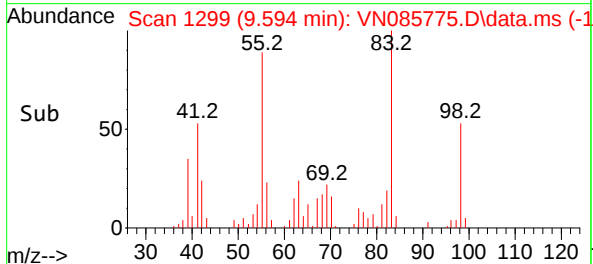
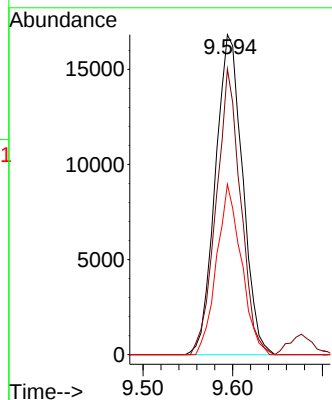
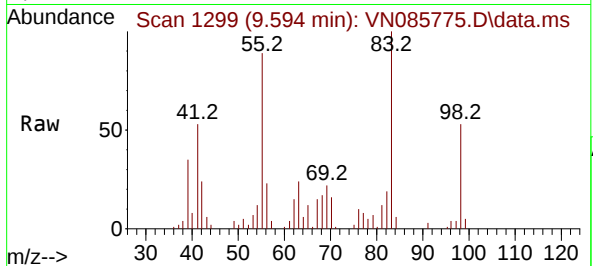
Ion	Ratio	Lower	Upper
83	100		
55	89.3	57.5	86.3
98	53.2	39.2	58.8

Manual Integrations

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Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#40

Benzene

Concen: 10.562 ug/l

RT: 8.606 min Scan# 1131

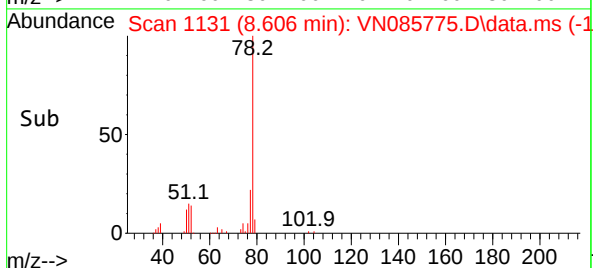
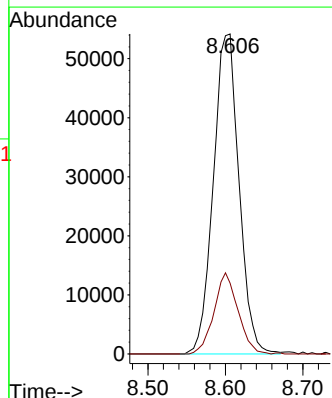
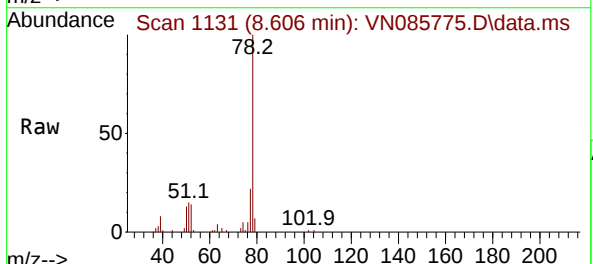
Delta R.T. 0.006 min

Lab File: VN085775.D

Acq: 18 Feb 2025 12:20

Tgt Ion: 78 Resp: 124704

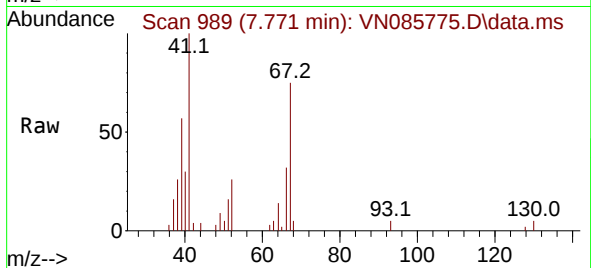
Ion	Ratio	Lower	Upper
78	100		
77	22.1	18.3	27.5





#41
Methacrylonitrile
Concen: 10.373 ug/l
RT: 7.771 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

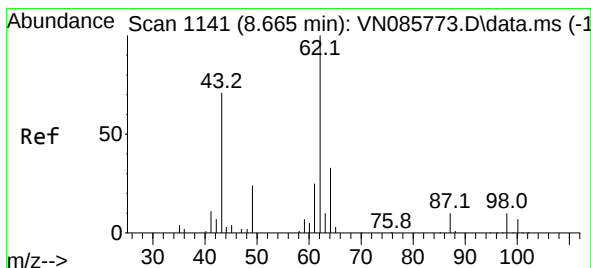
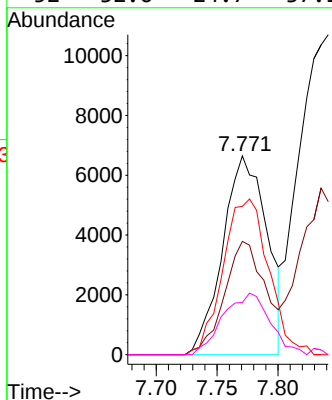
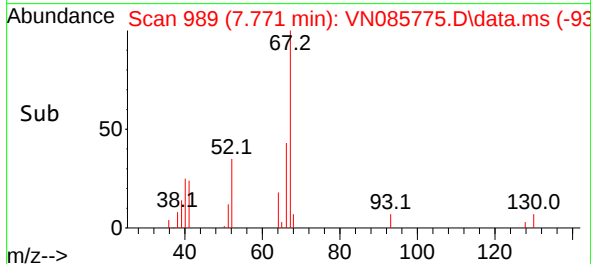
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 41 Resp: 1681
Ion Ratio Lower Upper
41 100
39 52.8 42.0 63.0
67 80.7 64.2 96.4
52 32.6 24.7 37.1

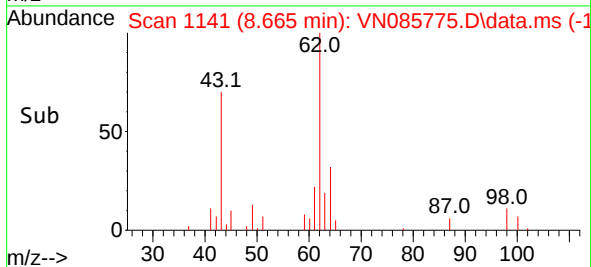
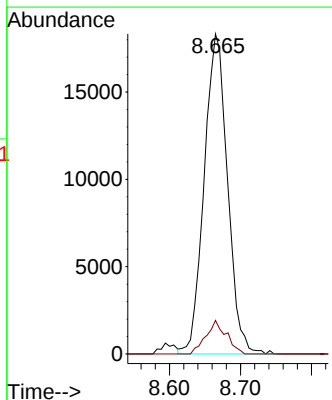
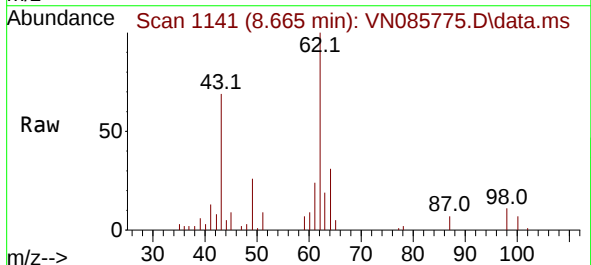
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#42
1,2-Dichloroethane
Concen: 10.898 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

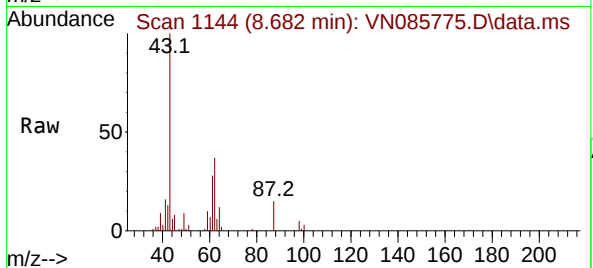
Tgt Ion: 62 Resp: 41912
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.6





#43
Isopropyl Acetate
Concen: 11.001 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

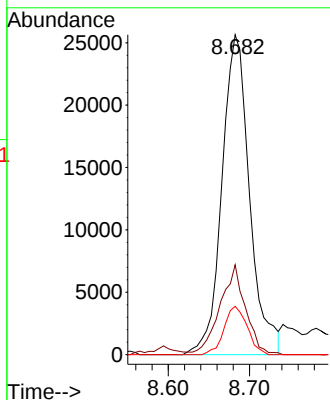
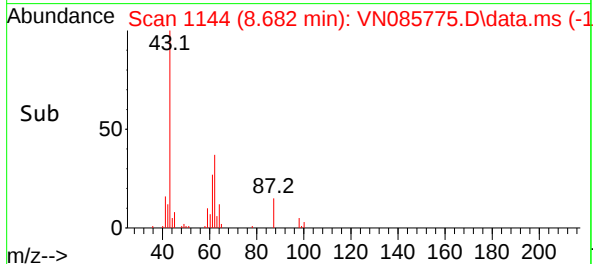
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 60794
Ion Ratio Lower Upper
43 100
61 25.9 22.6 34.0
87 12.7 11.8 17.8

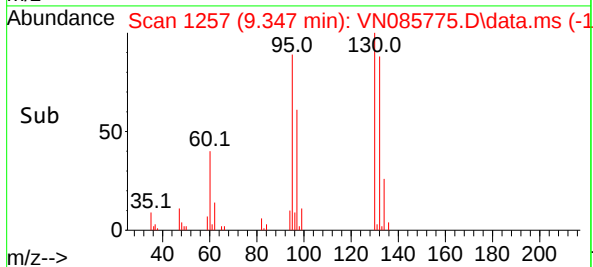
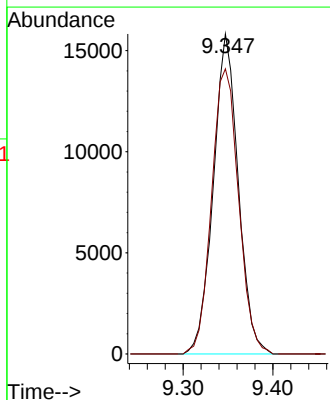
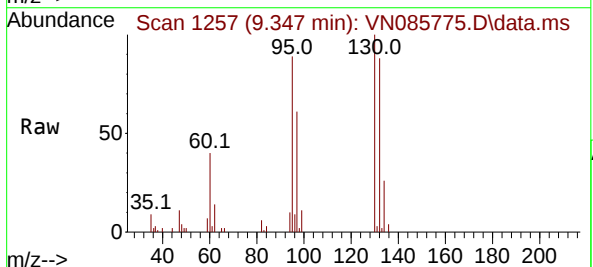
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#44
Trichloroethene
Concen: 10.542 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

Tgt Ion:130 Resp: 30561
Ion Ratio Lower Upper
130 100
95 89.1 0.0 202.6





#45

1,2-Dichloropropane

Concen: 10.744 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085775.D

Acq: 18 Feb 2025 12:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 30619

Ion Ratio Lower Upper

63 100

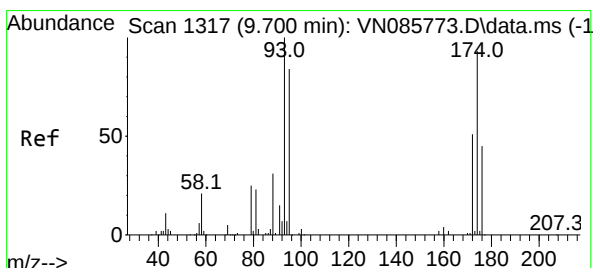
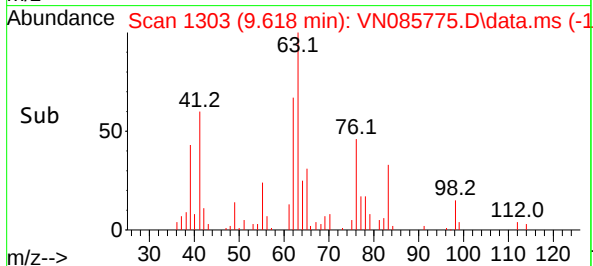
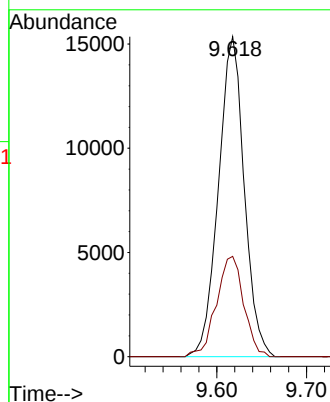
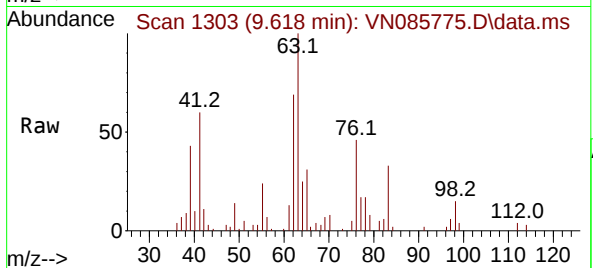
65 31.3 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#46

Dibromomethane

Concen: 10.489 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085775.D

Acq: 18 Feb 2025 12:20

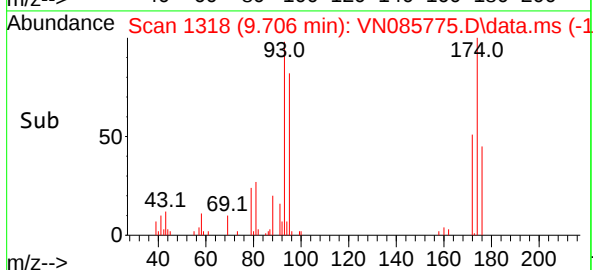
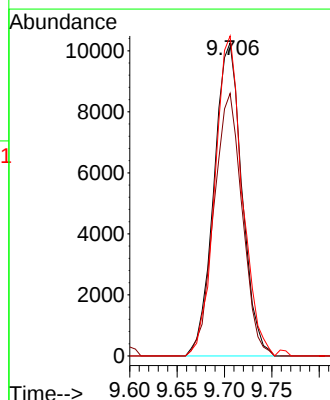
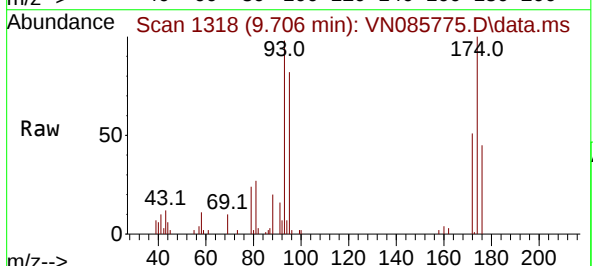
Tgt Ion: 93 Resp: 21085

Ion Ratio Lower Upper

93 100

95 84.8 66.7 100.1

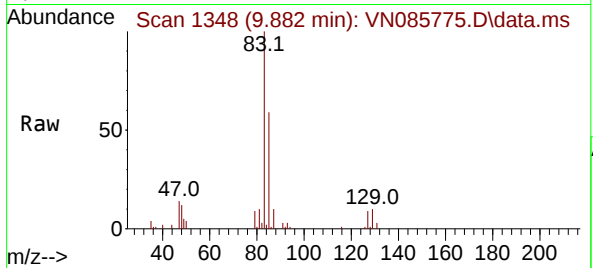
174 99.7 77.2 115.8





#47
Bromodichloromethane
Concen: 10.559 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

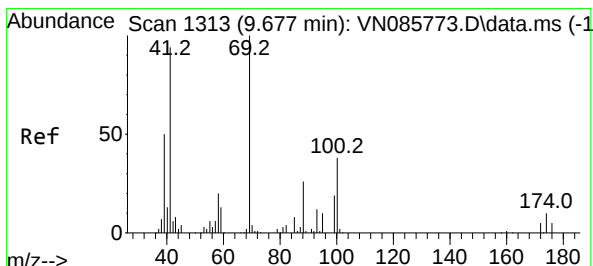
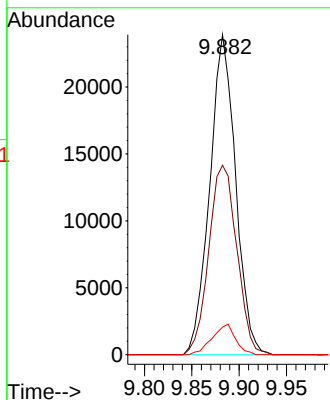
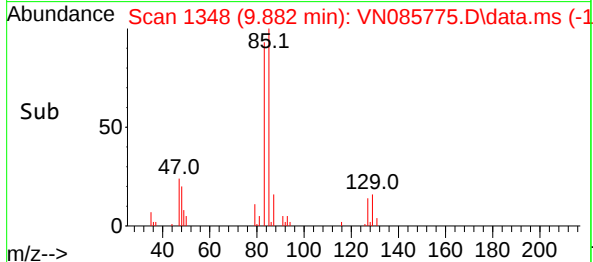
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



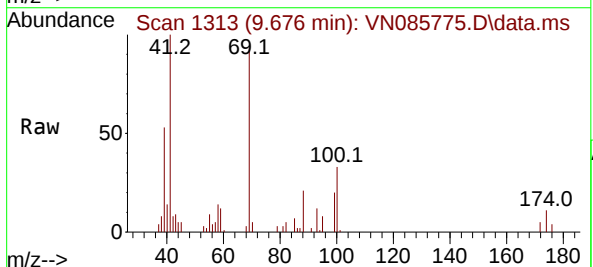
Tgt Ion: 83 Resp: 4541
Ion Ratio Lower Upper
83 100
85 59.2 50.5 75.7
127 8.6 7.2 10.8

Manual Integrations
APPROVED

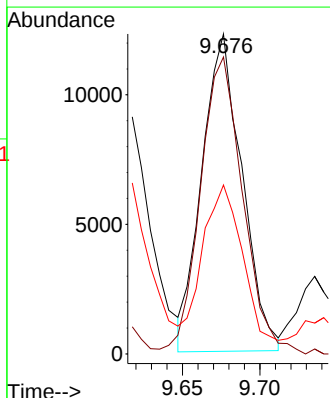
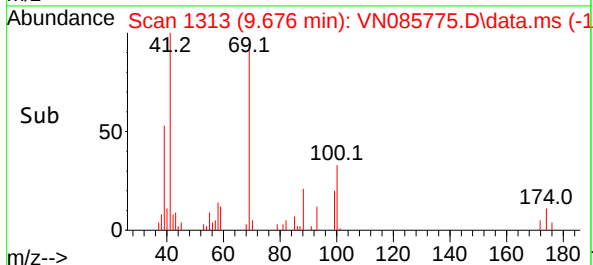
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

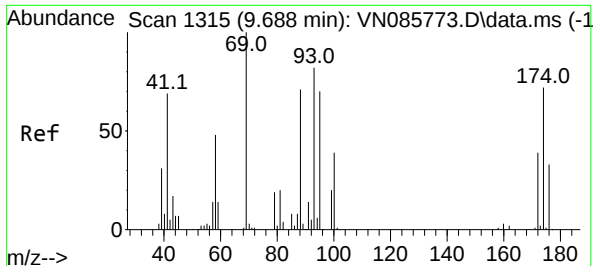


#48
Methyl methacrylate
Concen: 9.798 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20



Tgt Ion: 41 Resp: 22058
Ion Ratio Lower Upper
41 100
69 99.3 76.0 114.0
39 55.9 42.3 63.5





#49

1,4-Dioxane

Concen: 208.723 ug/l

RT: 9.688 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085775.D

Acq: 18 Feb 2025 12:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 88 Resp: 8930

Ion Ratio Lower Upper

88 100

43 28.6 18.6 27.8

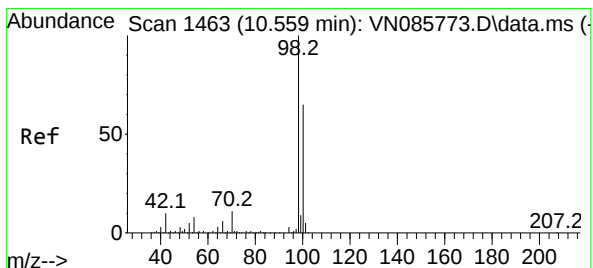
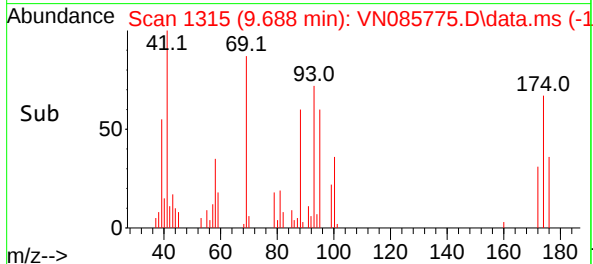
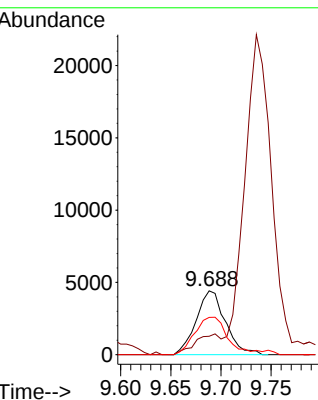
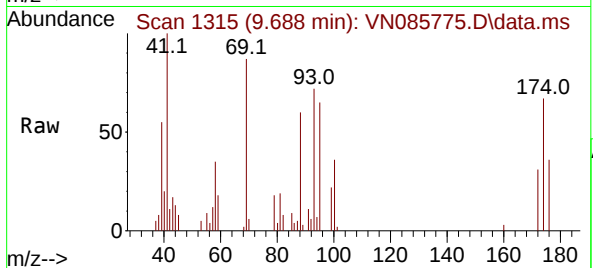
58 68.4 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#50

Toluene-d8

Concen: 8.542 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085775.D

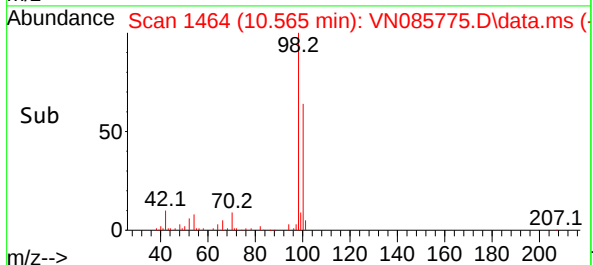
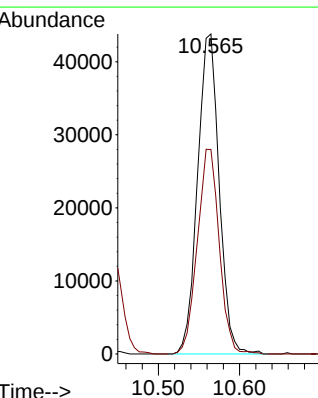
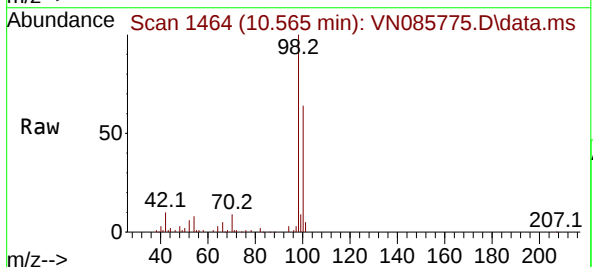
Acq: 18 Feb 2025 12:20

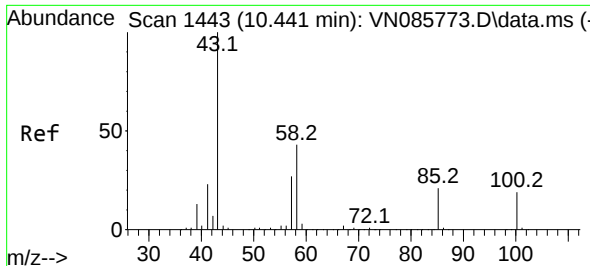
Tgt Ion: 98 Resp: 80889

Ion Ratio Lower Upper

98 100

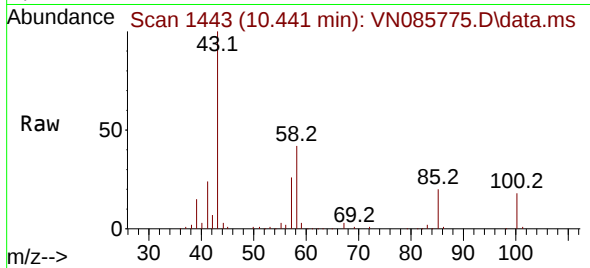
100 65.0 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 53.302 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

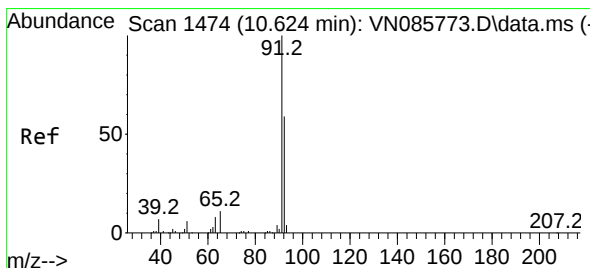
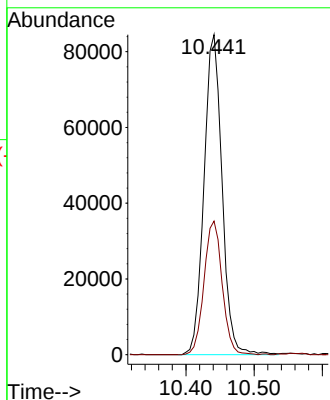
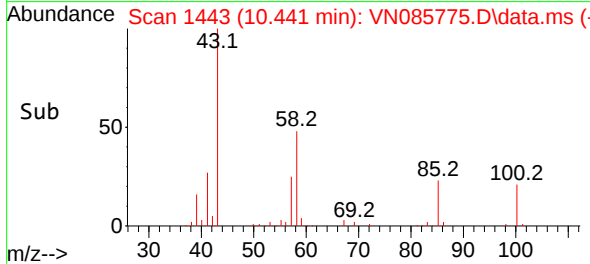
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



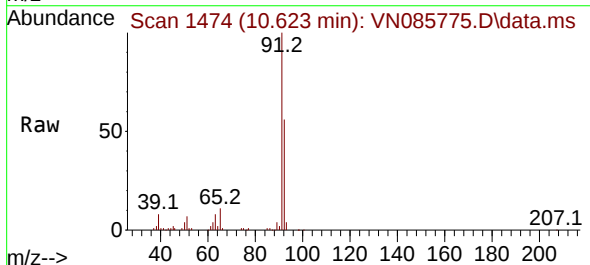
Tgt Ion: 43 Resp: 155789
Ion Ratio Lower Upper
43 100
58 41.8 34.6 52.0

Manual Integrations
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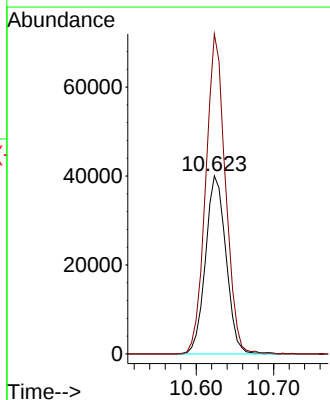
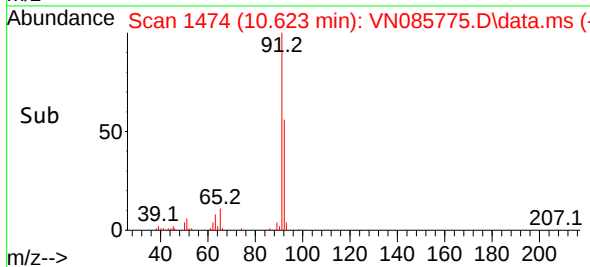
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#52
Toluene
Concen: 10.622 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20



Tgt Ion: 92 Resp: 73516
Ion Ratio Lower Upper
92 100
91 173.5 136.9 205.3





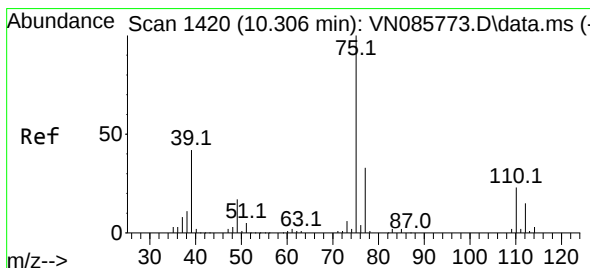
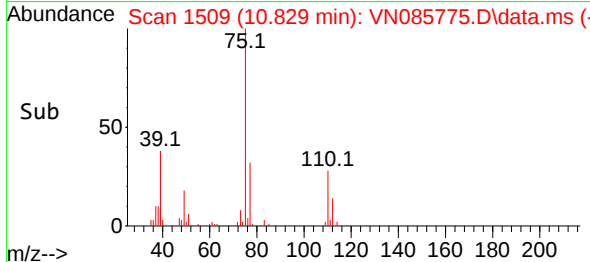
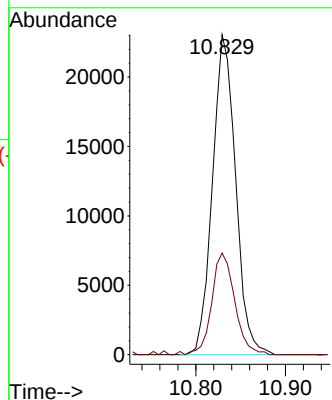
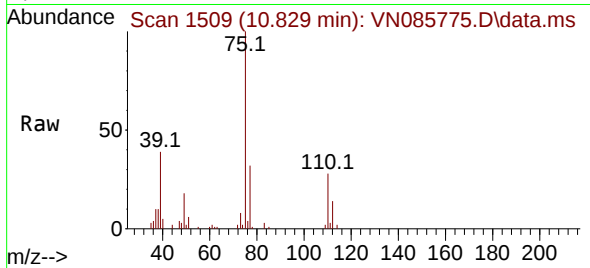
#53
t-1,3-Dichloropropene
Concen: 10.367 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 75 Resp: 41230
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0

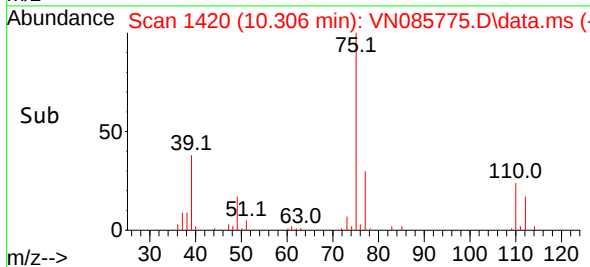
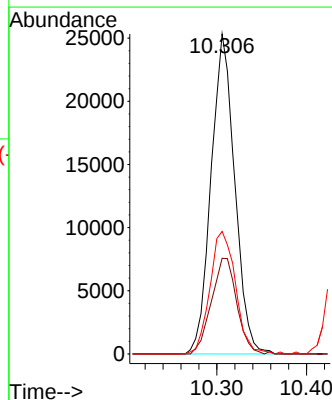
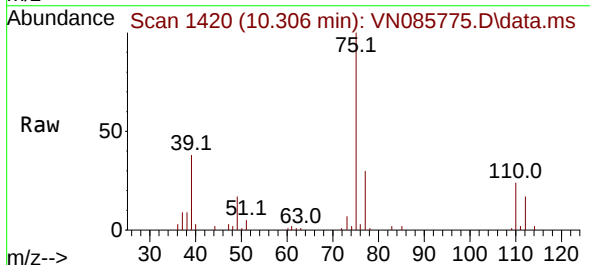
Manual Integrations
APPROVED

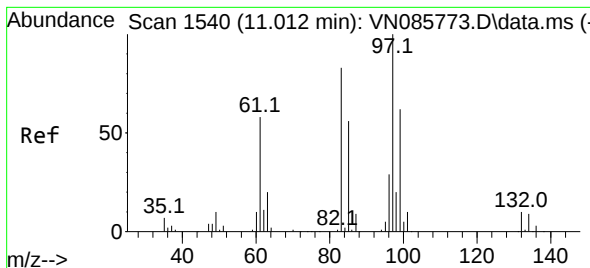
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#54
cis-1,3-Dichloropropene
Concen: 10.617 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

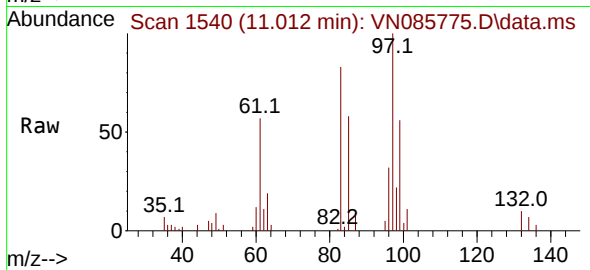
Tgt Ion: 75 Resp: 46300
Ion Ratio Lower Upper
75 100
77 29.9 26.1 39.1
39 38.3 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 10.687 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

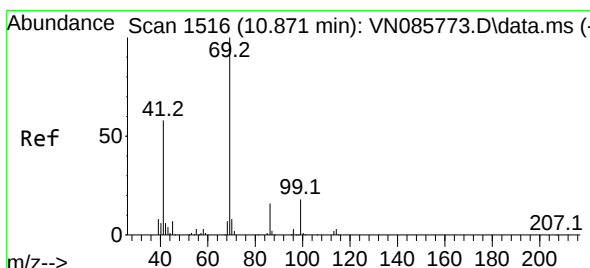
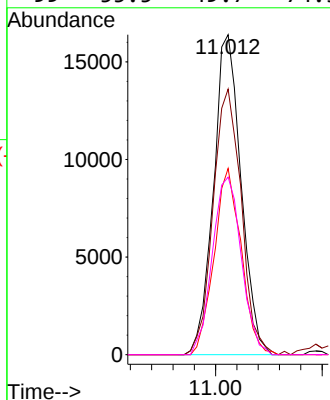
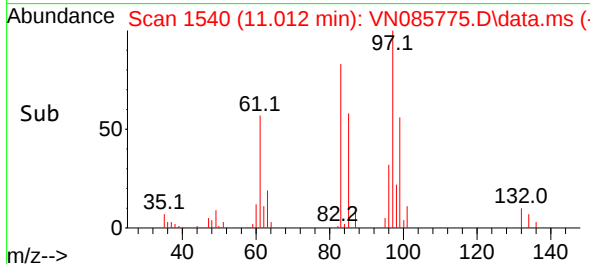
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



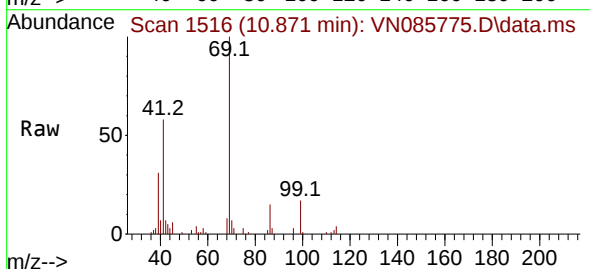
Tgt Ion:	97	Resp:	2940
Ion Ratio	100	Lower	Upper
97	100		
83	83.0	66.1	99.1
85	58.2	44.7	67.1
99	55.5	49.7	74.5

Manual Integrations
APPROVED

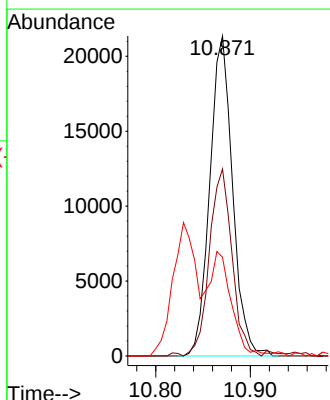
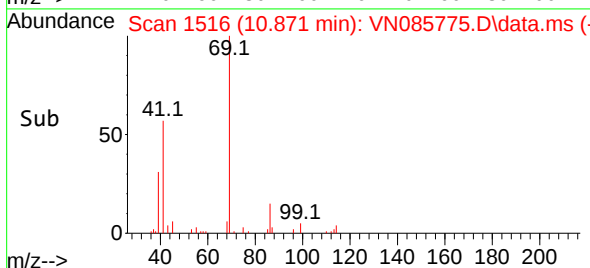
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

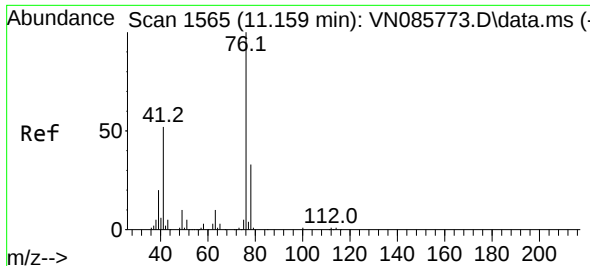


#56
Ethyl methacrylate
Concen: 10.274 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.001 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20



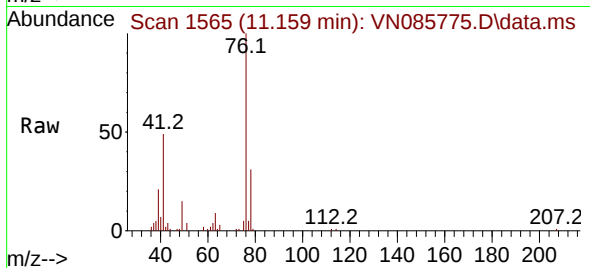
Tgt Ion:	69	Resp:	35641
Ion Ratio	100	Lower	Upper
69	100		
41	58.2	46.0	69.0
39	27.6	22.0	33.0





#57
1,3-Dichloropropane
Concen: 10.647 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

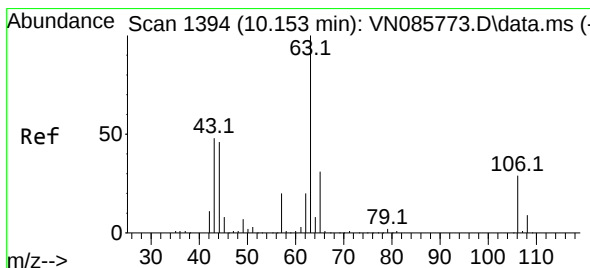
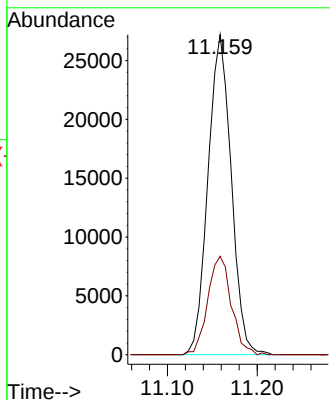
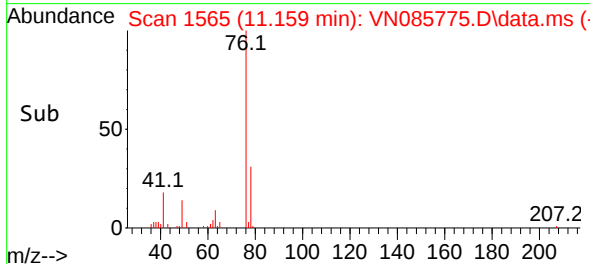
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 76 Resp: 4890
Ion Ratio Lower Upper
76 100
78 31.3 25.9 38.9

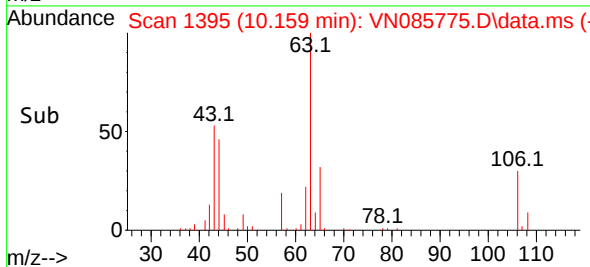
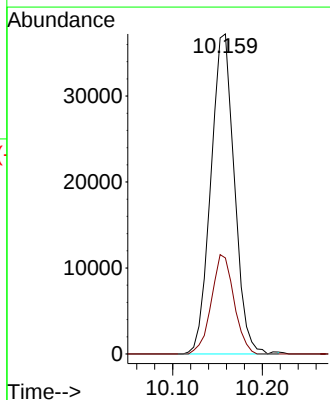
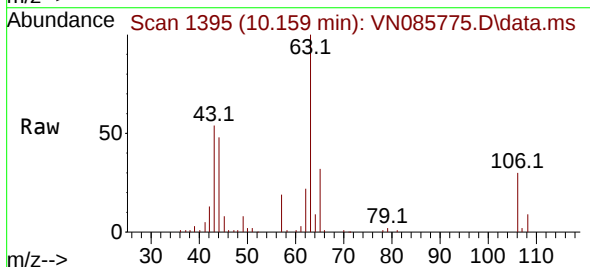
Manual Integrations
APPROVED

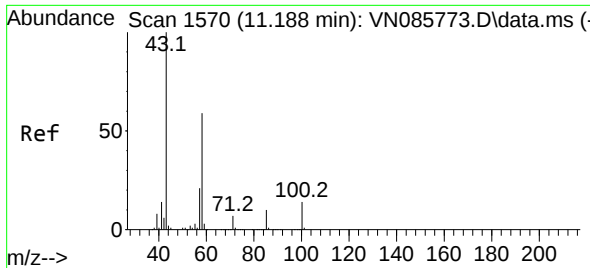
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#58
2-Chloroethyl Vinyl ether
Concen: 47.108 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

Tgt Ion: 63 Resp: 67791
Ion Ratio Lower Upper
63 100
106 29.9 22.7 34.1





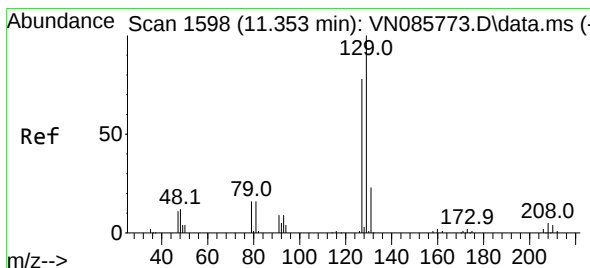
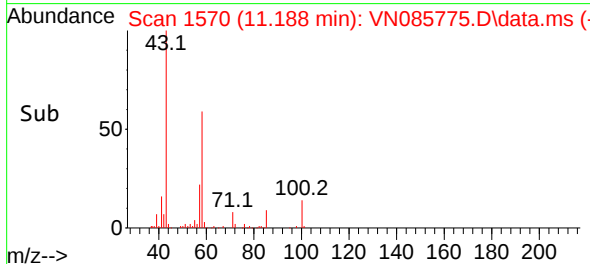
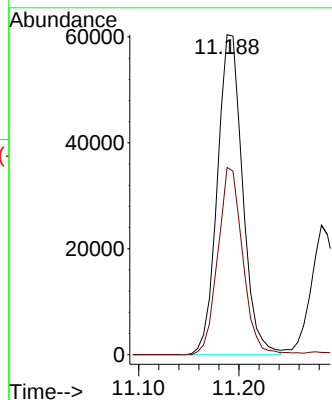
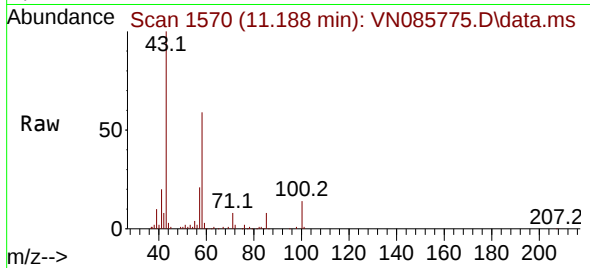
#59
2-Hexanone
Concen: 52.609 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 10578
Ion Ratio Lower Upper
43 100
58 57.7 29.8 89.5

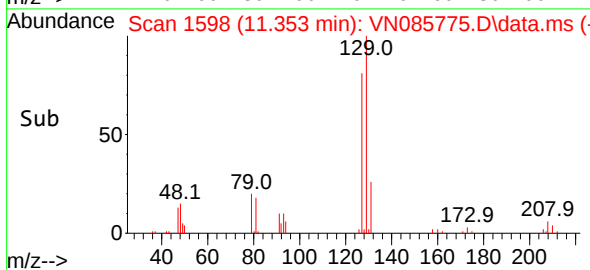
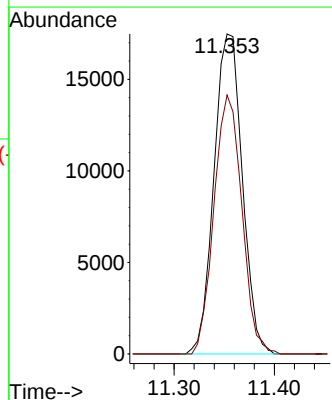
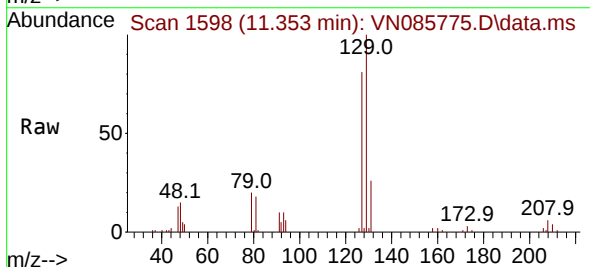
Manual Integrations
APPROVED

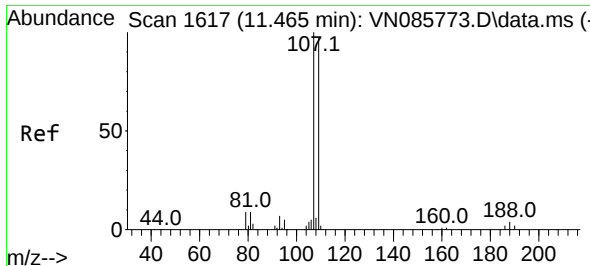
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#60
Dibromochloromethane
Concen: 10.694 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

Tgt Ion:129 Resp: 34267
Ion Ratio Lower Upper
129 100
127 79.6 39.1 117.5





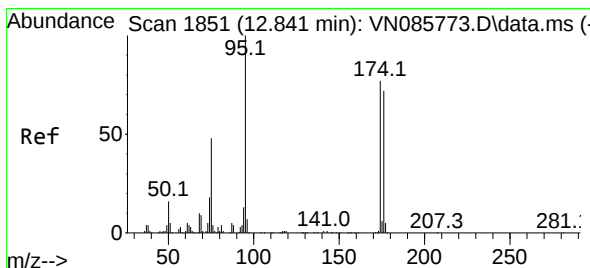
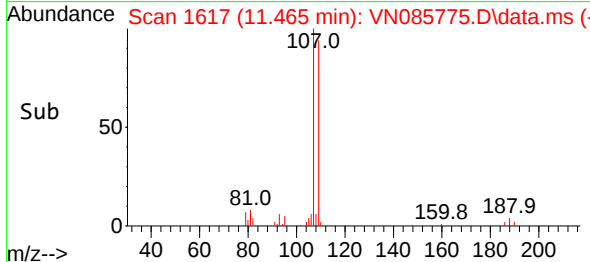
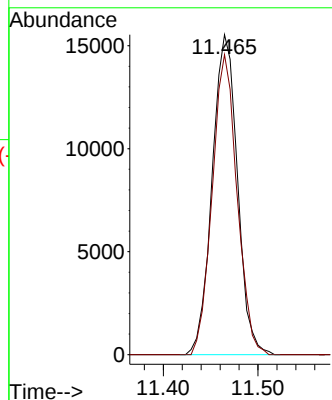
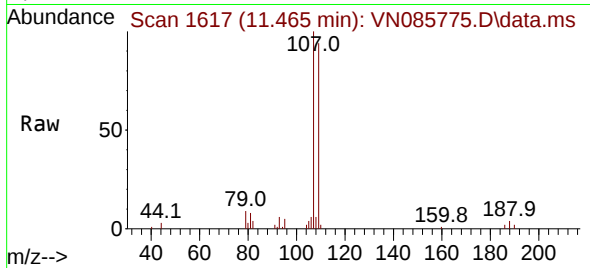
#61
1,2-Dibromoethane
Concen: 11.073 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:107 Resp: 28789
Ion Ratio Lower Upper
107 100
109 92.1 76.0 114.0

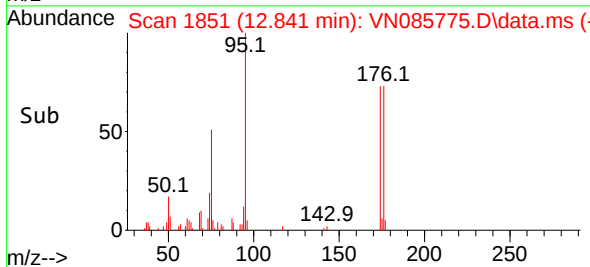
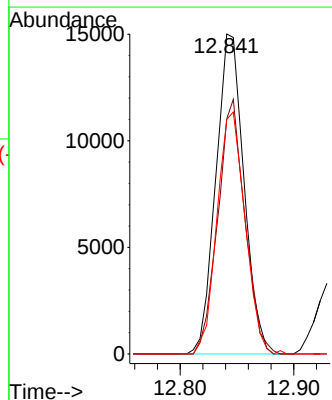
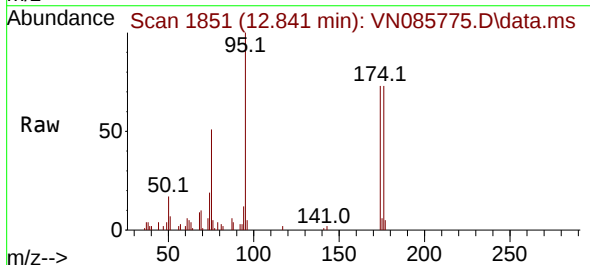
Manual Integrations
APPROVED

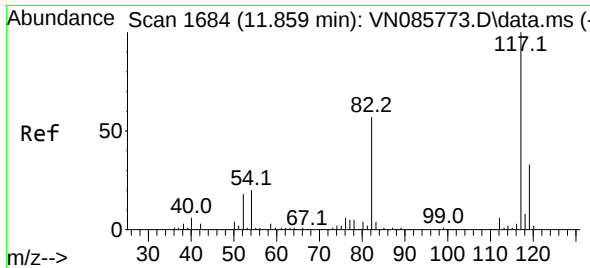
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#62
4-Bromofluorobenzene
Concen: 8.236 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

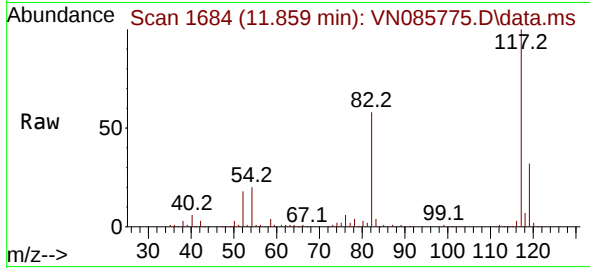
Tgt Ion: 95 Resp: 25697
Ion Ratio Lower Upper
95 100
174 77.0 0.0 152.4
176 75.9 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

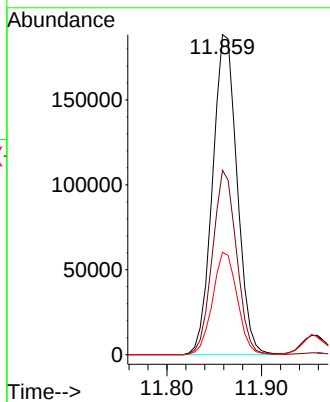
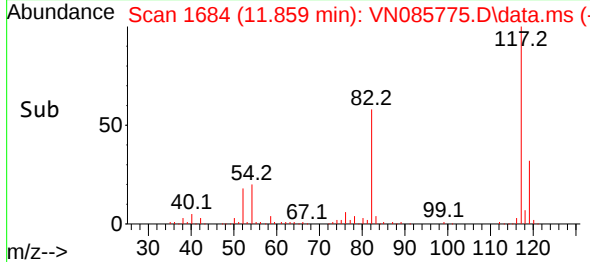
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



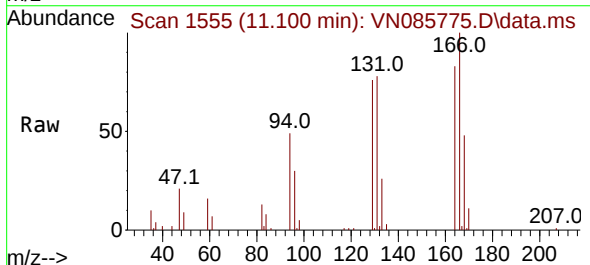
Tgt Ion:117 Resp: 33968
Ion Ratio Lower Upper
117 100
82 57.7 45.7 68.5
119 32.0 26.2 39.2

Manual Integrations
APPROVED

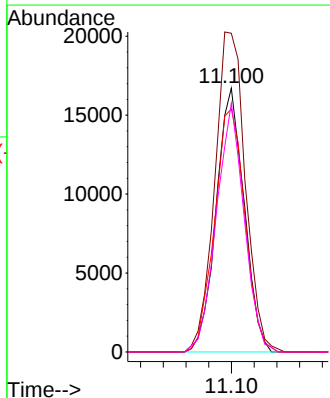
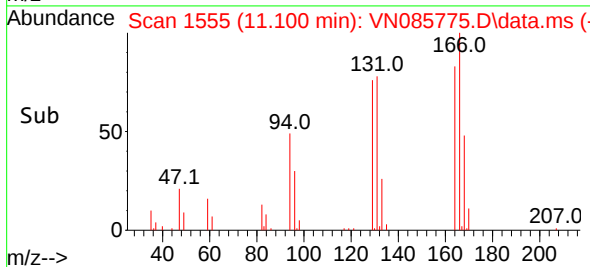
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

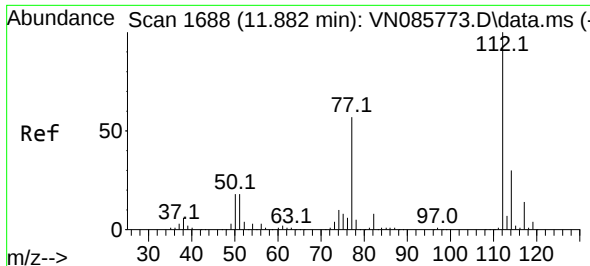


#64
Tetrachloroethene
Concen: 10.855 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20



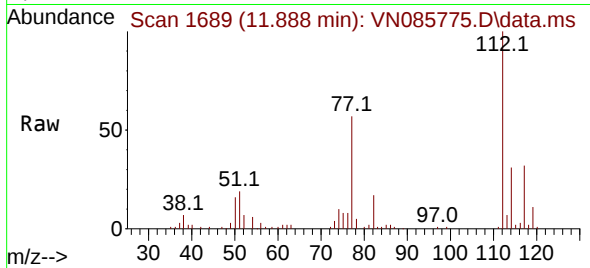
Tgt Ion:164 Resp: 28564
Ion Ratio Lower Upper
164 100
166 120.8 107.2 160.8
129 92.1 80.7 121.1
131 94.3 74.6 112.0





#65
Chlorobenzene
Concen: 10.585 ug/l
RT: 11.888 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

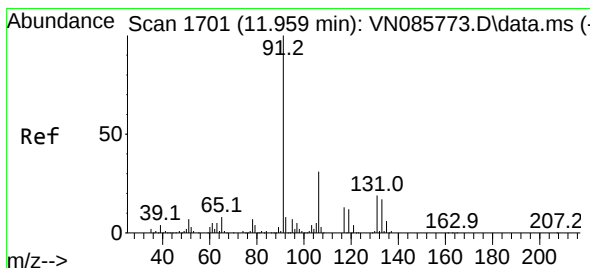
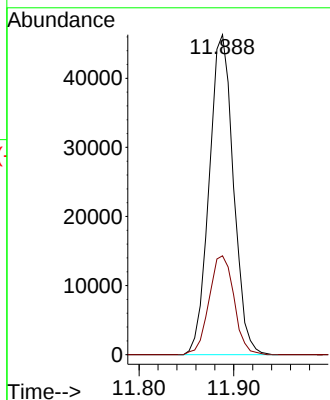
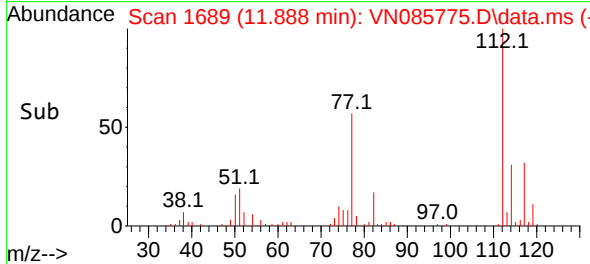
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



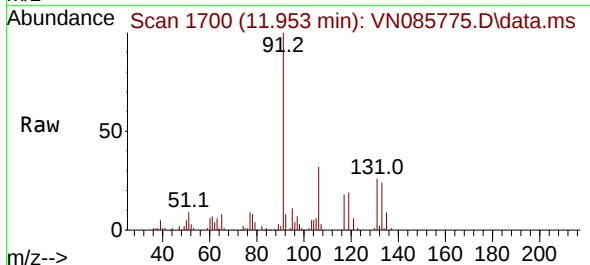
Tgt Ion:112 Resp: 8236
Ion Ratio Lower Upper
112 100
114 30.9 24.3 36.5

Manual Integrations
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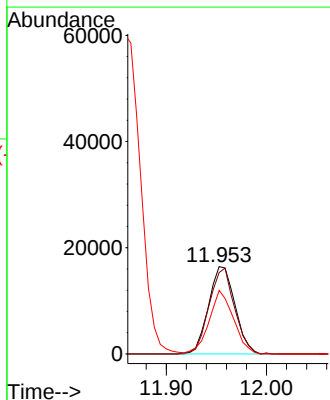
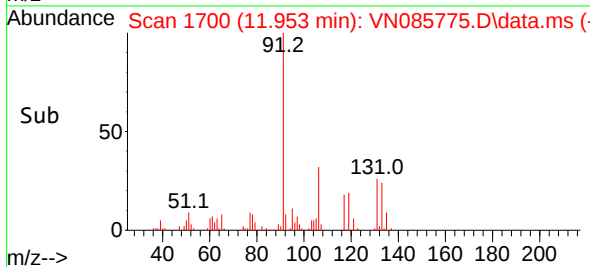
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 10.773 ug/l
RT: 11.953 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20



Tgt Ion:131 Resp: 30133
Ion Ratio Lower Upper
131 100
133 94.7 47.7 143.1
119 66.8 33.3 99.8





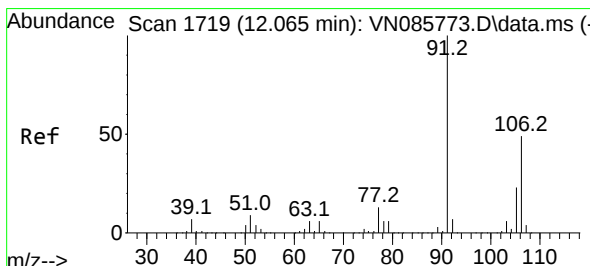
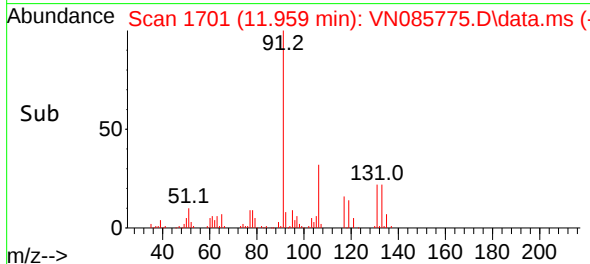
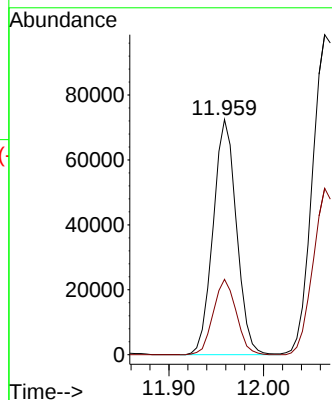
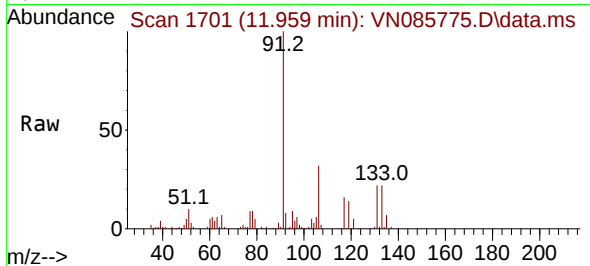
#67
Ethyl Benzene
Concen: 10.199 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 12432
Ion Ratio Lower Upper
91 100
106 32.0 24.7 37.1

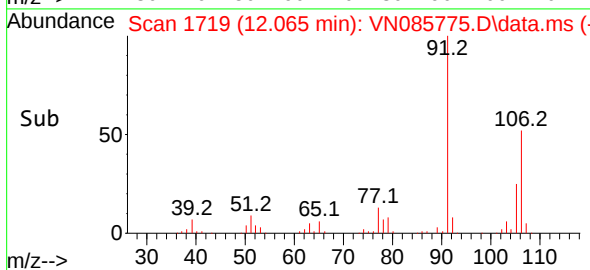
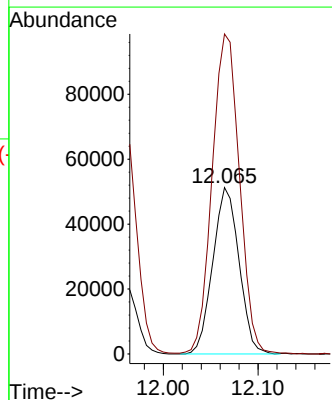
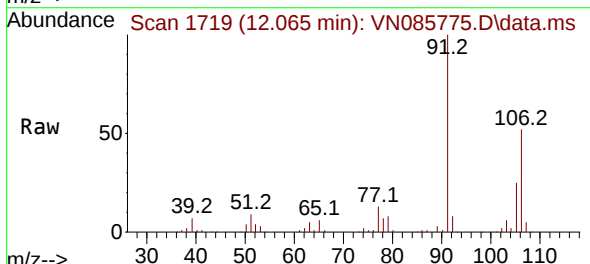
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#68
m/p-Xylenes
Concen: 21.290 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

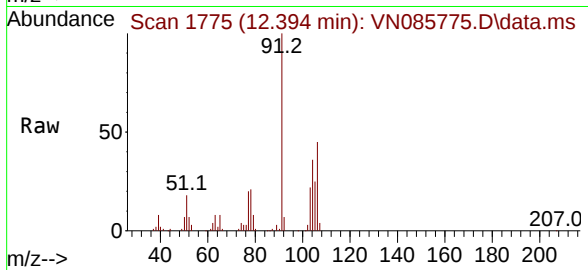
Tgt Ion:106 Resp: 98574
Ion Ratio Lower Upper
106 100
91 200.5 163.3 244.9





#69
o-Xylene
Concen: 10.287 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

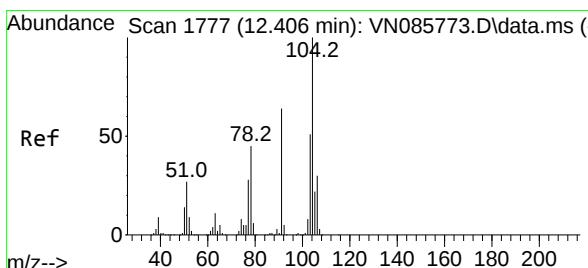
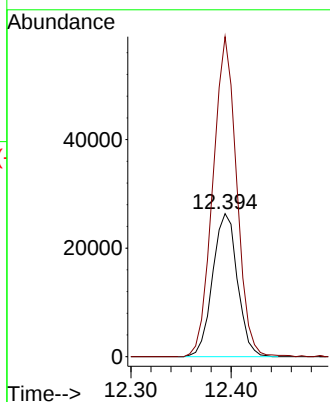
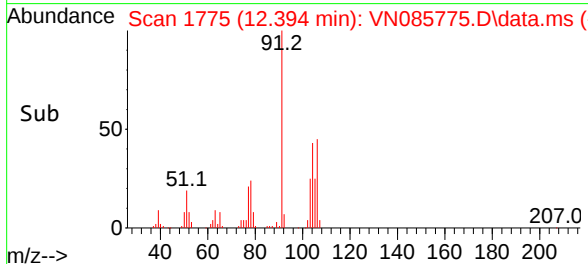
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:106 Resp: 45263
Ion Ratio Lower Upper
106 100
91 214.9 107.1 321.4

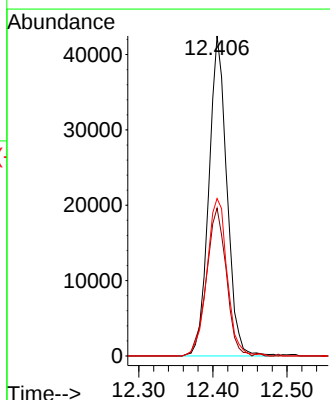
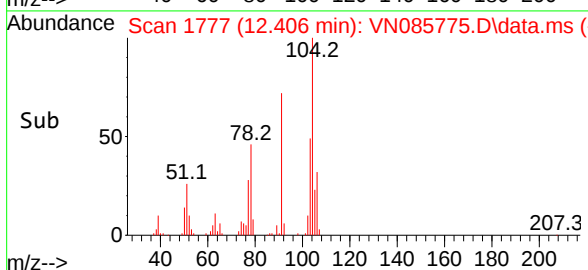
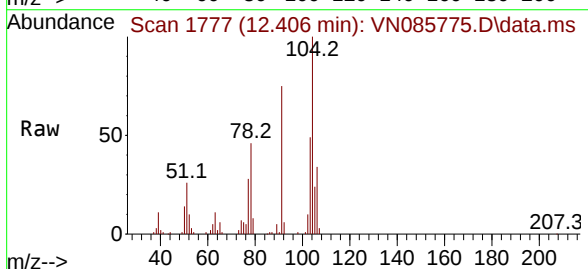
Manual Integrations
APPROVED

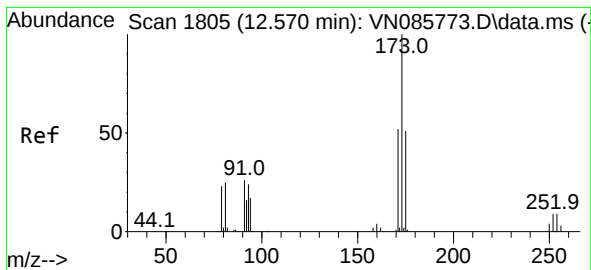
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#70
Styrene
Concen: 9.994 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

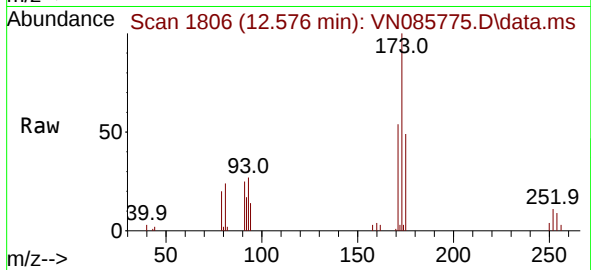
Tgt Ion:104 Resp: 72044
Ion Ratio Lower Upper
104 100
78 50.4 39.0 58.6
103 55.1 43.3 64.9





#71
Bromoform
Concen: 10.529 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

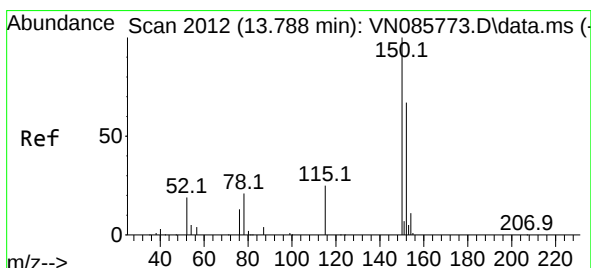
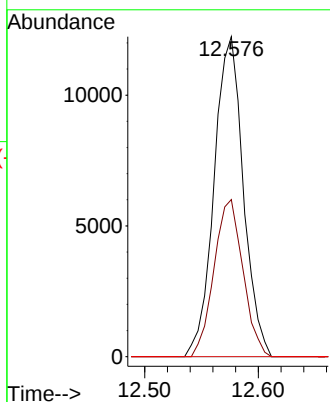
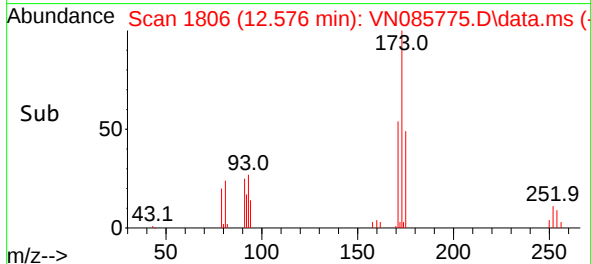
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:173 Resp: 2188
Ion Ratio Lower Upper
173 100
175 48.6 25.1 75.4
254 0.0 0.0 0.0

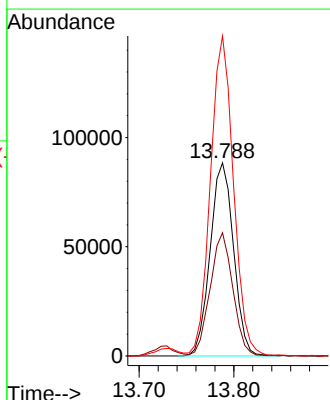
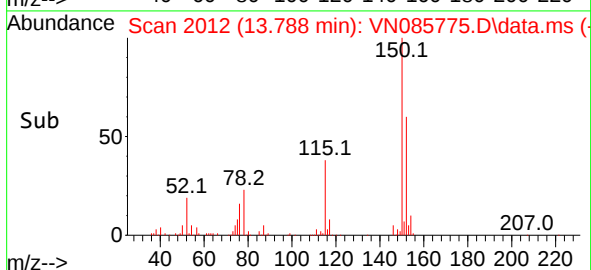
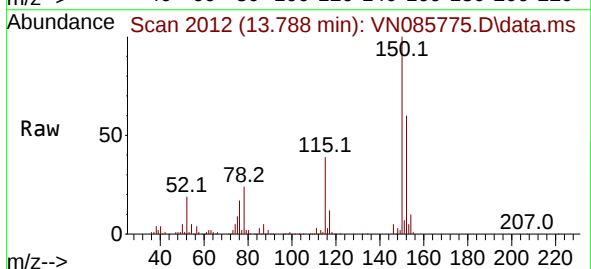
Manual Integrations
APPROVED

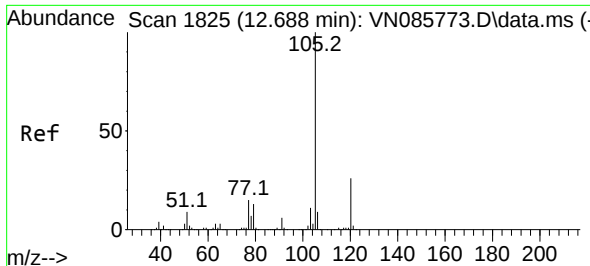
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

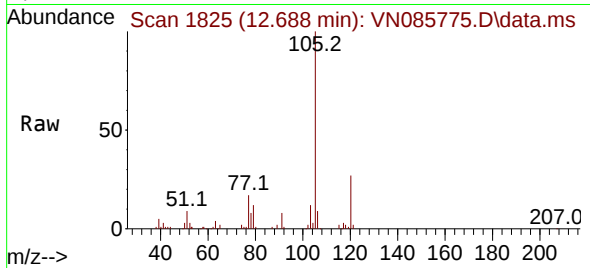
Tgt Ion:152 Resp: 151740
Ion Ratio Lower Upper
152 100
115 61.4 30.4 91.3
150 163.2 0.0 345.4





#73
Isopropylbenzene
Concen: 10.576 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

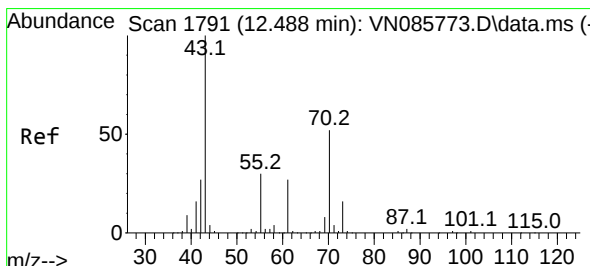
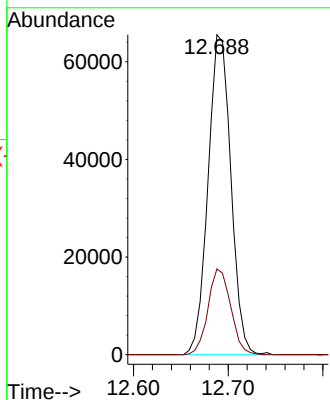
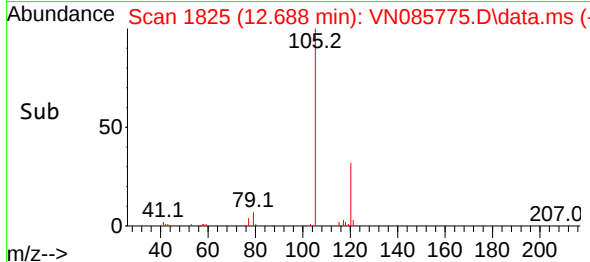
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:105 Resp: 109944
Ion Ratio Lower Upper
105 100
120 26.6 13.0 39.0

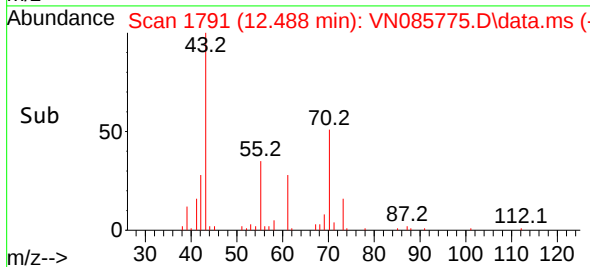
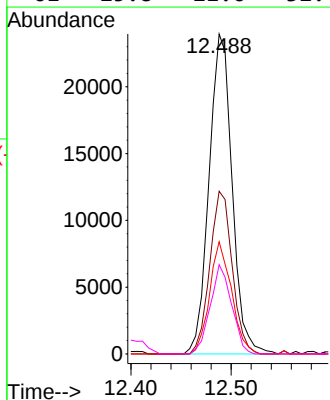
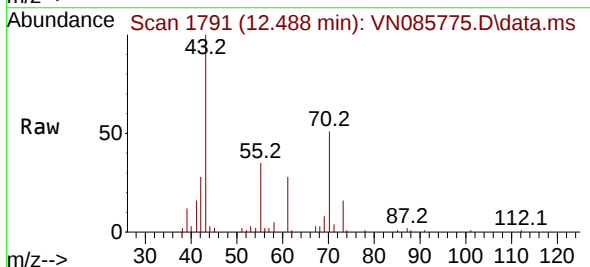
Manual Integrations
APPROVED

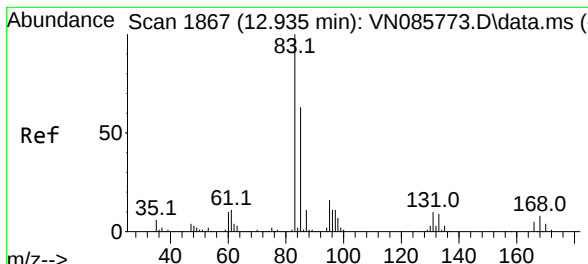
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#74
N-ethyl acetate
Concen: 10.452 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

Tgt Ion: 43 Resp: 38318
Ion Ratio Lower Upper
43 100
70 49.4 41.0 61.4
55 33.3 24.6 36.8
61 25.8 21.6 32.4



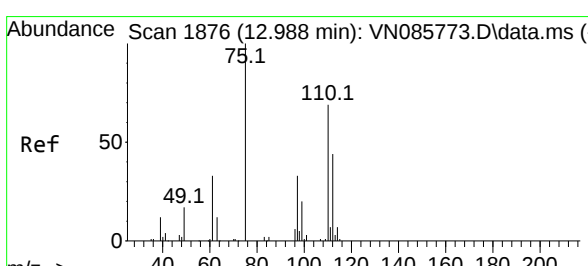
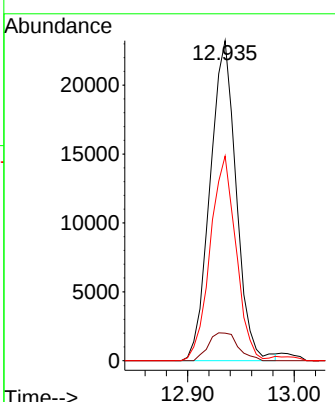
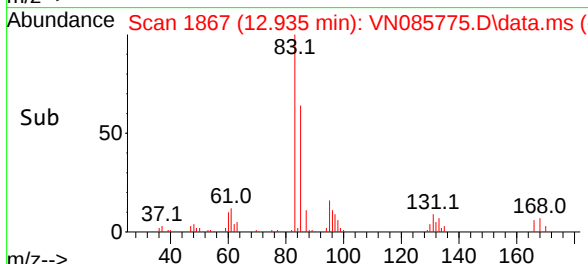
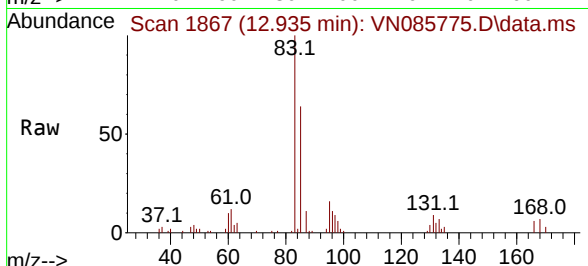


#75
 1,1,2,2-Tetrachloroethane
 Concen: 11.063 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN085775.D
 Acq: 18 Feb 2025 12:20

Instrument : MSVOA_N
 ClientSampleId : VSTDIC010

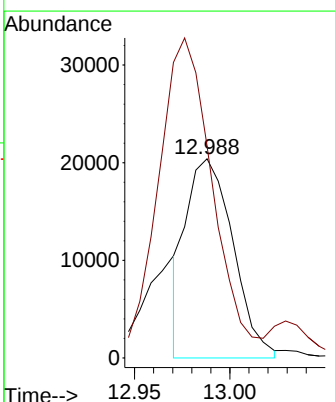
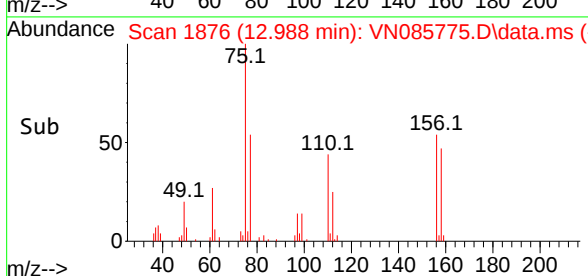
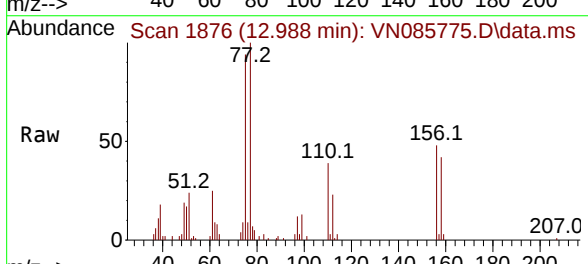
Tgt Ion:	83	Resp:	3957
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.0	15.0
85	63.3	32.2	96.6

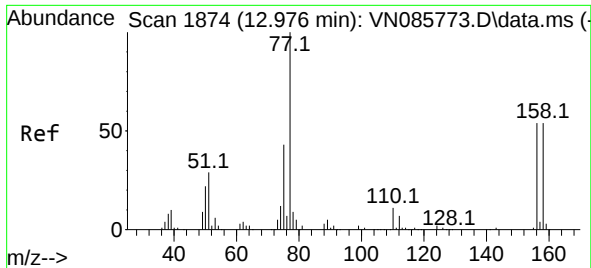
Manual Integrations
APPROVED
 Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#76
 1,2,3-Trichloropropane
 Concen: 10.425 ug/l m
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VN085775.D
 Acq: 18 Feb 2025 12:20

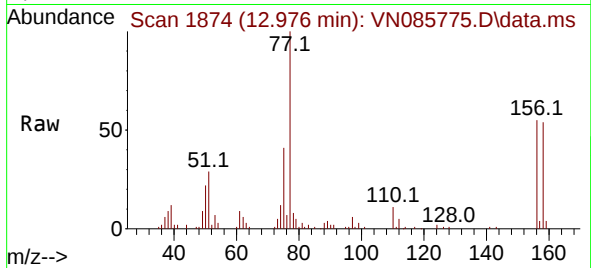
Tgt Ion:	75	Resp:	34754
Ion Ratio	Lower	Upper	
75	100		
77	188.3	100.0	300.0





#77
Bromobenzene
Concen: 11.061 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

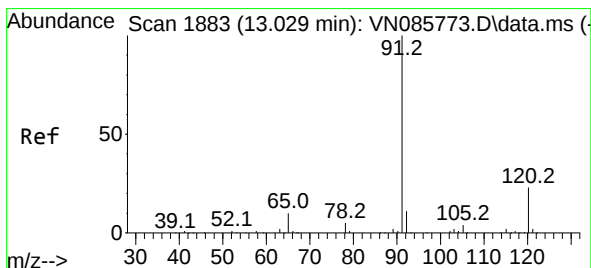
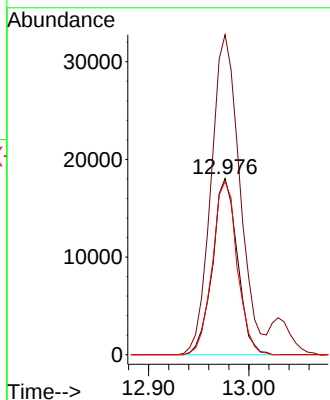
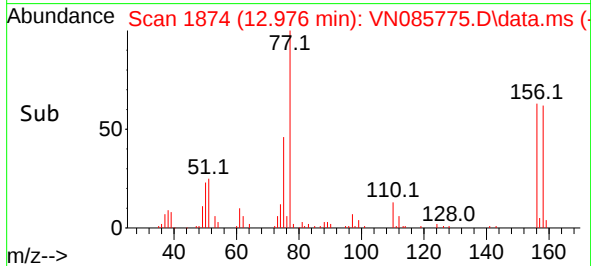
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



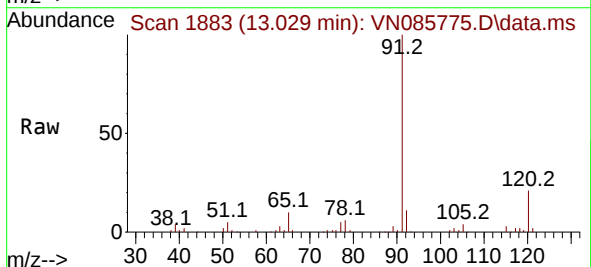
Tgt Ion:156 Resp: 31060
Ion Ratio Lower Upper
156 100
77 210.7 104.1 312.3
158 98.4 48.1 144.4

Manual Integrations
APPROVED

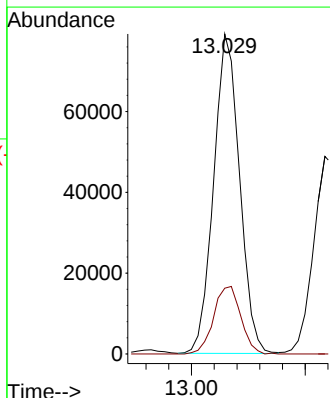
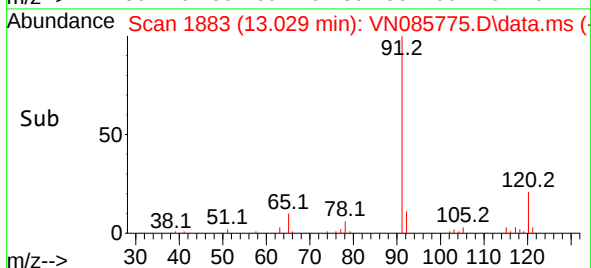
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#78
n-propylbenzene
Concen: 10.517 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20



Tgt Ion: 91 Resp: 125206
Ion Ratio Lower Upper
91 100
120 22.2 11.3 33.8





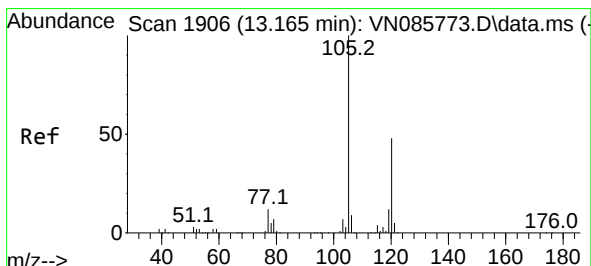
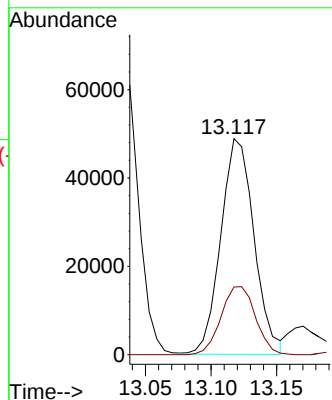
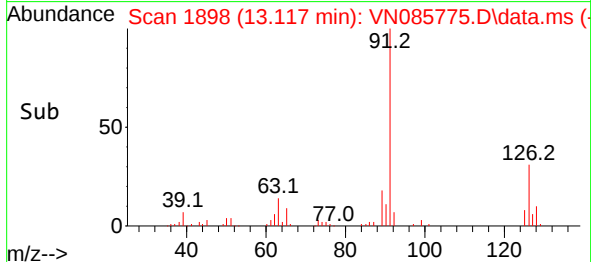
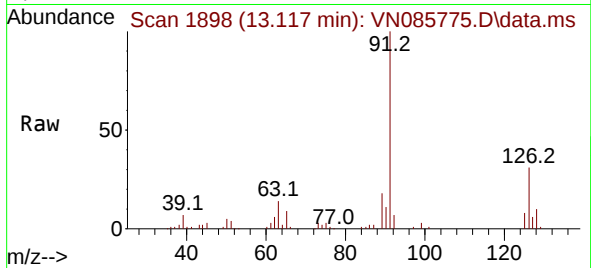
#79
2-Chlorotoluene
Concen: 10.841 ug/l
RT: 13.117 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 8623
Ion Ratio Lower Upper
91 100
126 32.6 16.4 49.1

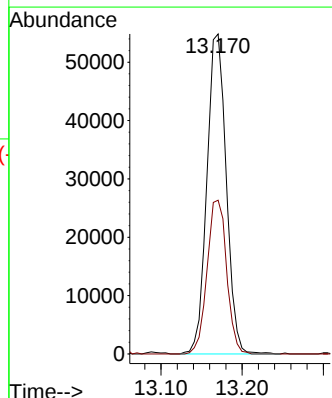
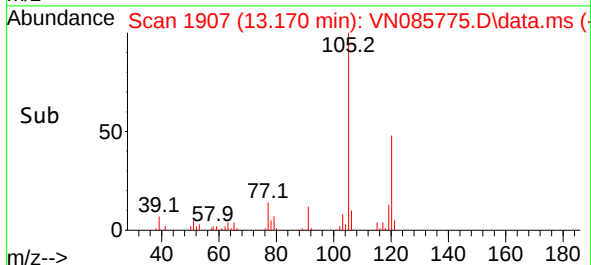
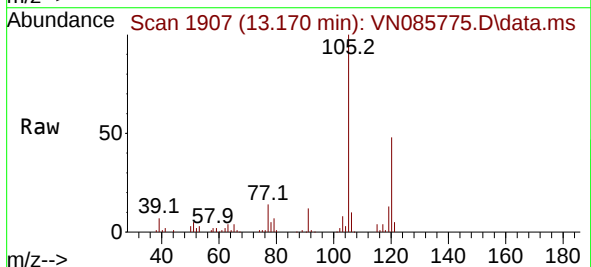
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#80
1,3,5-Trimethylbenzene
Concen: 10.713 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

Tgt Ion:105 Resp: 90718
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.9





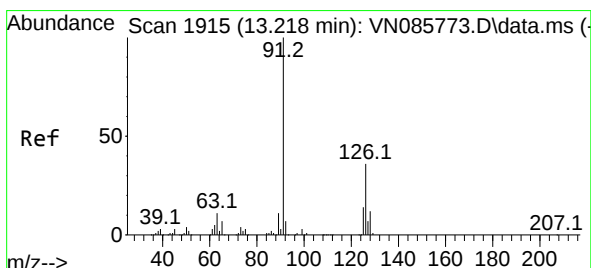
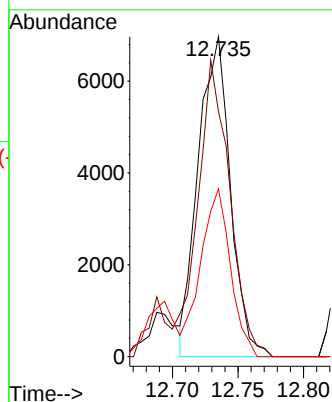
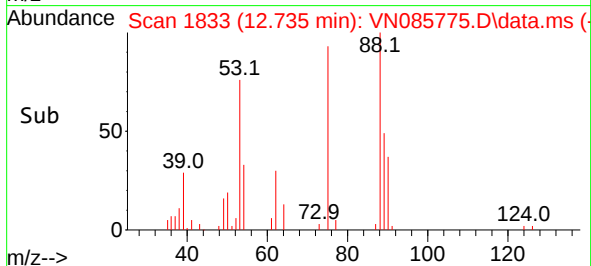
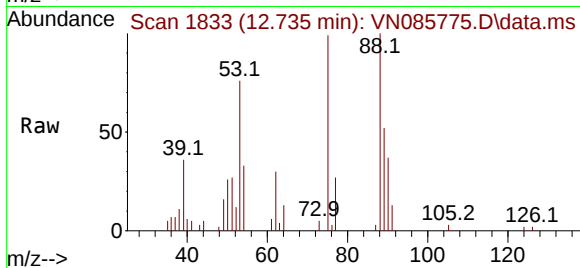
#81
trans-1,4-Dichloro-2-butene
Concen: 10.302 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 75 Resp: 1190
Ion Ratio Lower Upper
75 100
53 92.1 74.2 111.4
89 48.8 34.9 52.3

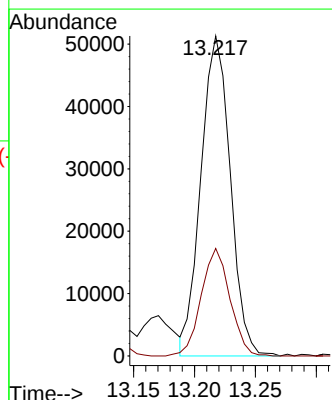
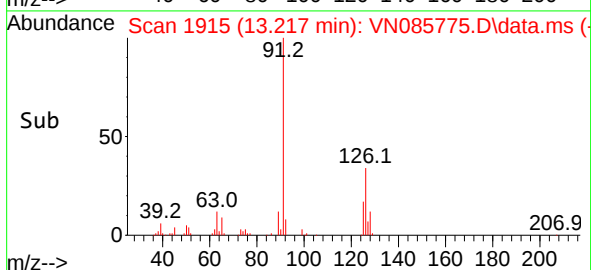
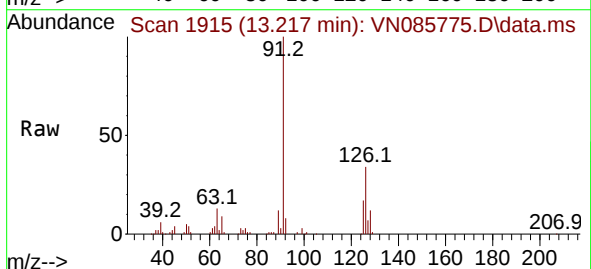
Manual Integrations
APPROVED

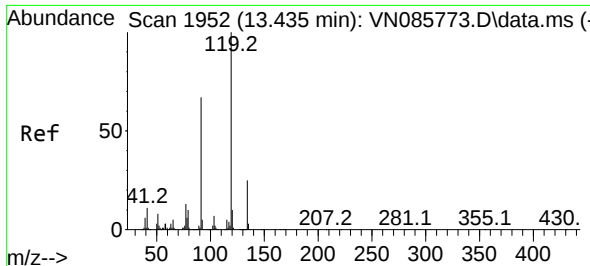
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#82
4-Chlorotoluene
Concen: 10.919 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

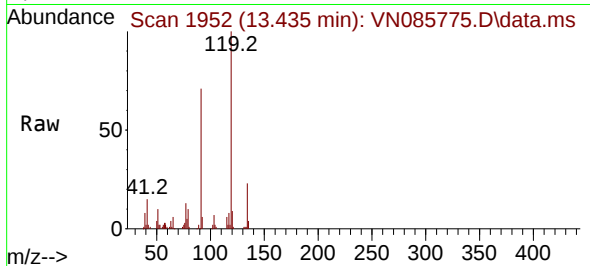
Tgt Ion: 91 Resp: 86106
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 10.364 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085775.D
 Acq: 18 Feb 2025 12:20

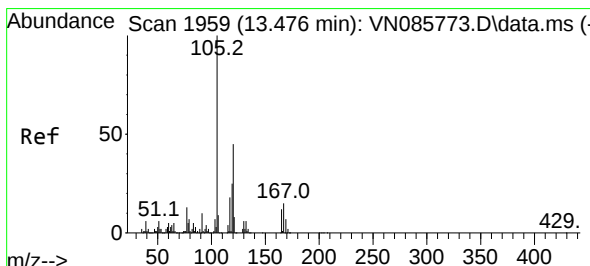
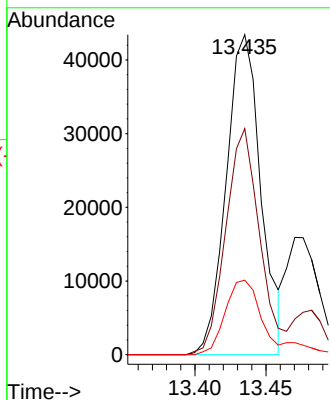
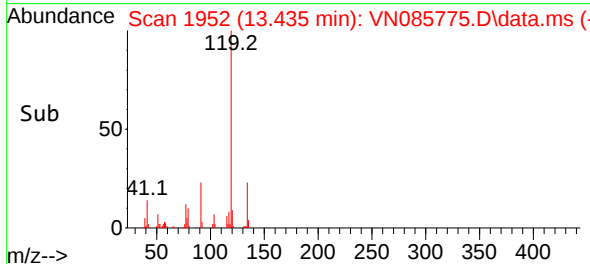
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



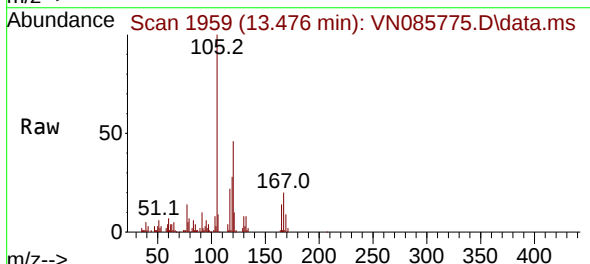
Tgt Ion:119 Resp: 7380
 Ion Ratio Lower Upper
 119 100
 91 69.5 32.5 97.5
 134 26.5 13.3 39.9

Manual Integrations
 APPROVED

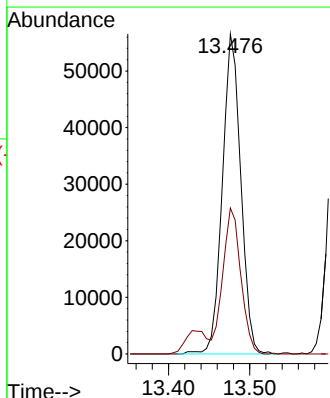
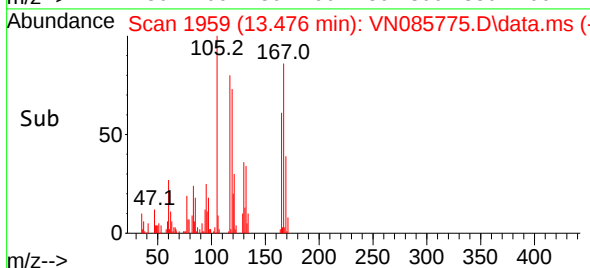
Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 10.638 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.000 min
 Lab File: VN085775.D
 Acq: 18 Feb 2025 12:20



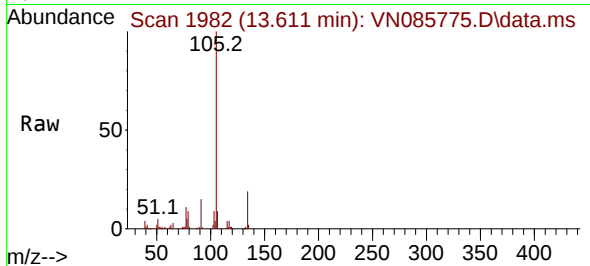
Tgt Ion:105 Resp: 89125
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 10.660 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.001 min
 Lab File: VN085775.D
 Acq: 18 Feb 2025 12:20

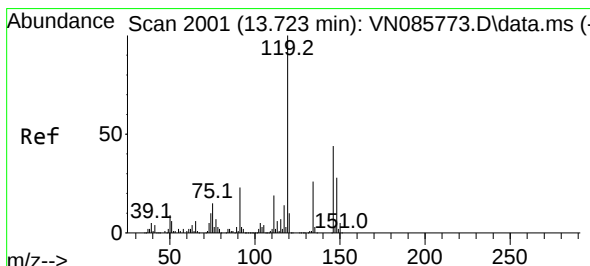
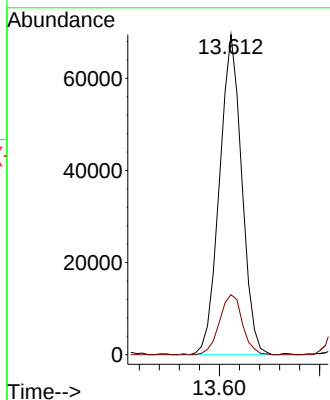
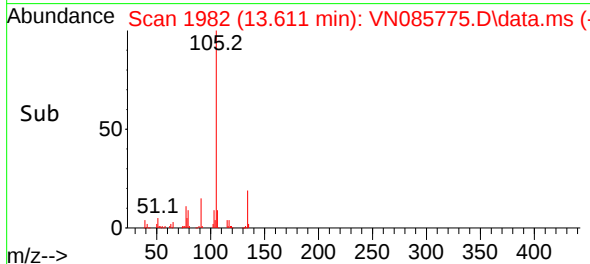
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010



Tgt Ion:105 Resp: 10725
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4

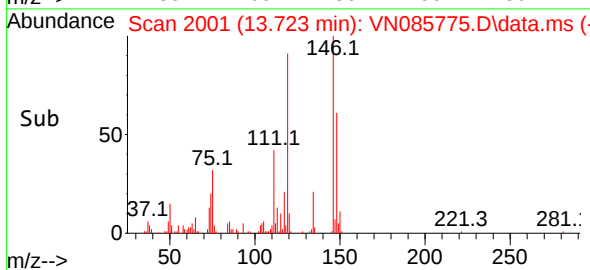
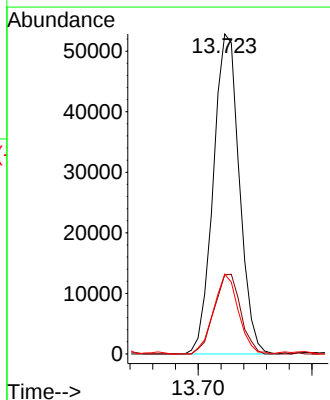
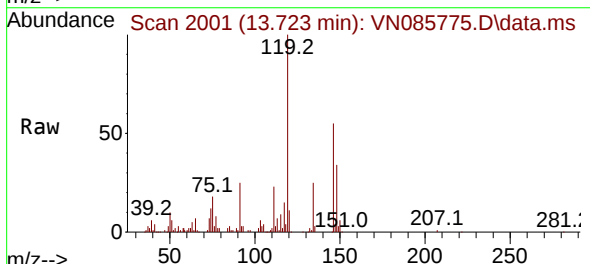
Manual Integrations
 APPROVED

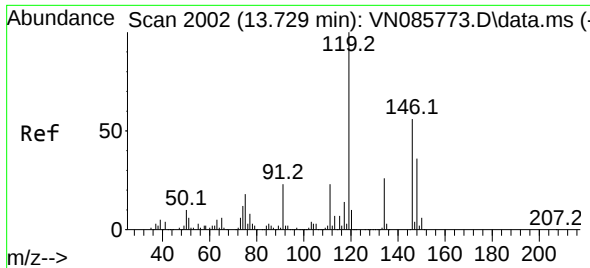
Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#86
 p-Isopropyltoluene
 Concen: 10.256 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085775.D
 Acq: 18 Feb 2025 12:20

Tgt Ion:119 Resp: 84249
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.0 39.0
 91 23.9 11.7 35.1





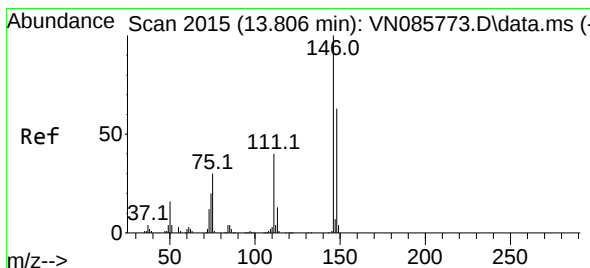
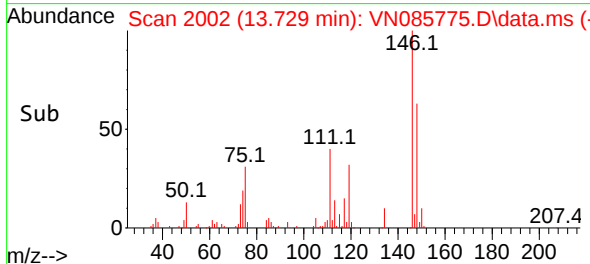
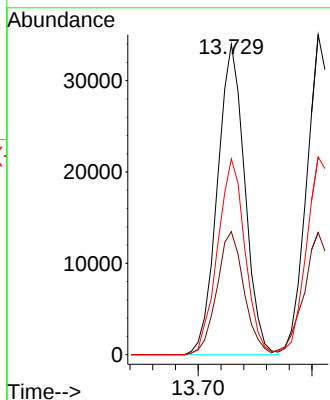
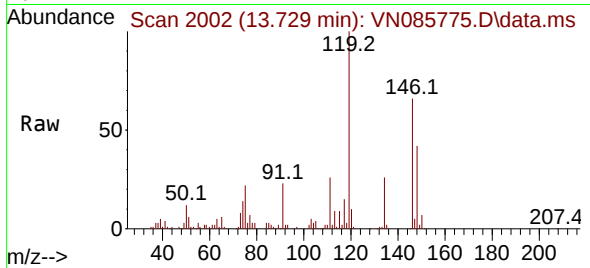
#87
1,3-Dichlorobenzene
Concen: 10.822 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 56944
Ion Ratio Lower Upper
146 100
111 39.4 21.1 63.3
148 63.2 32.1 96.5

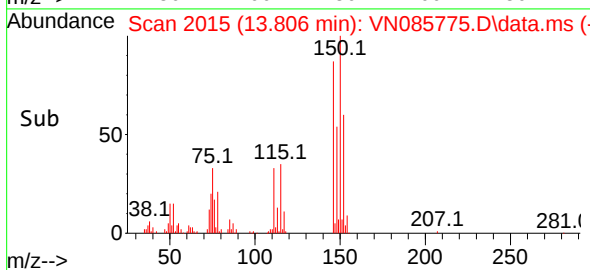
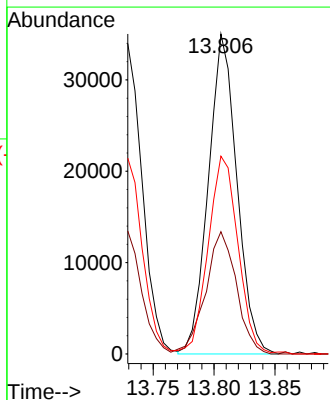
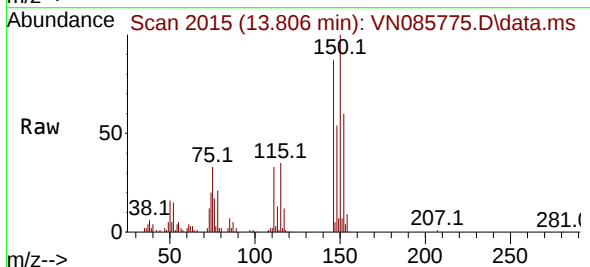
Manual Integrations
APPROVED

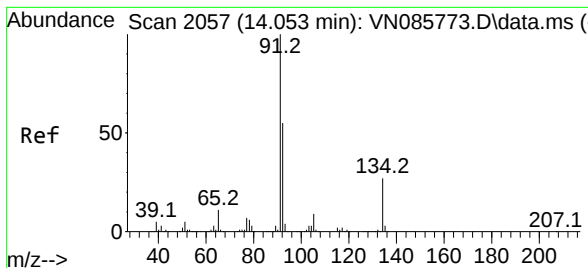
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#88
1,4-Dichlorobenzene
Concen: 10.600 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

Tgt Ion:146 Resp: 57166
Ion Ratio Lower Upper
146 100
111 41.3 20.4 61.3
148 65.0 31.8 95.4





#89

n-Butylbenzene

Concen: 9.931 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN085775.D

Acq: 18 Feb 2025 12:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

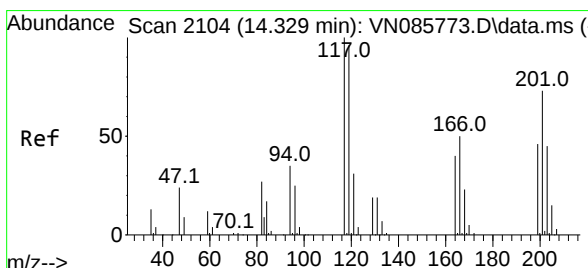
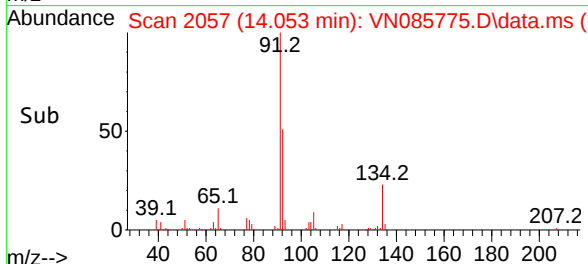
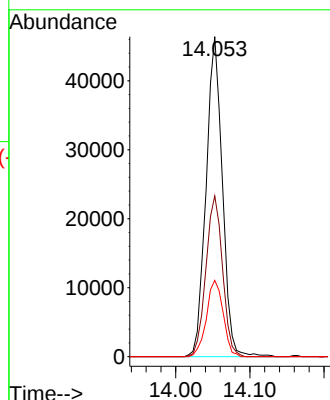
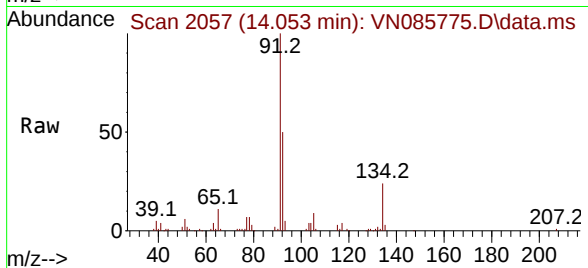
Tgt Ion:	91	Resp:	70940
Ion	Ratio	Lower	Upper
91	100		
92	51.2	27.1	81.3
134	24.4	12.7	38.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#90

Hexachloroethane

Concen: 10.119 ug/l

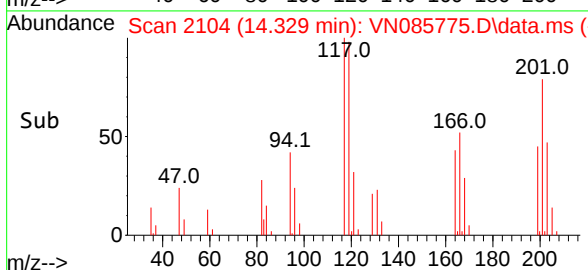
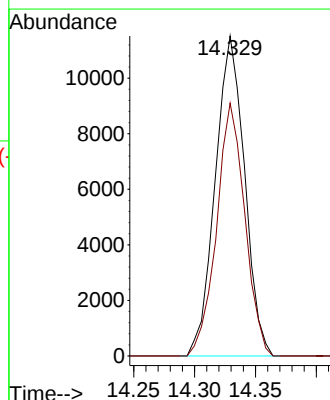
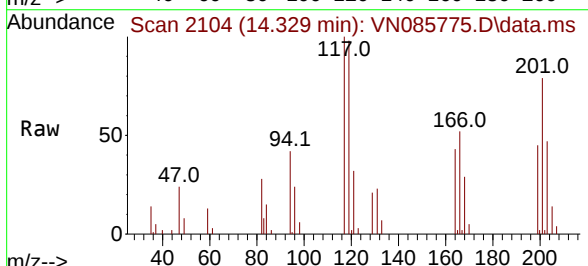
RT: 14.329 min Scan# 2104

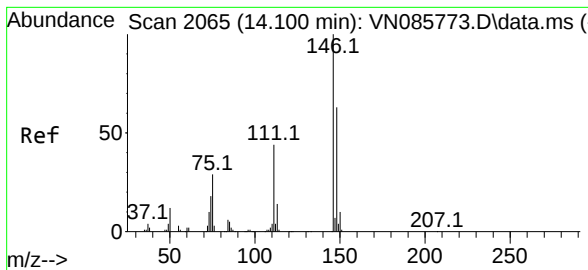
Delta R.T. -0.000 min

Lab File: VN085775.D

Acq: 18 Feb 2025 12:20

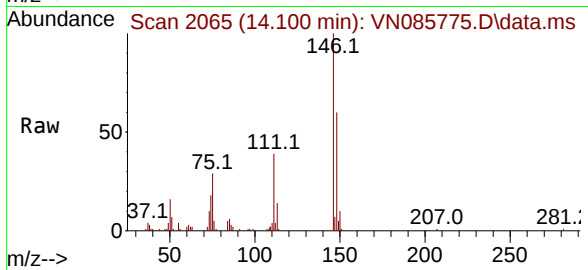
Tgt Ion:	117	Resp:	19282
Ion	Ratio	Lower	Upper
117	100		
201	76.1	35.6	106.9





#91
1,2-Dichlorobenzene
Concen: 10.602 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

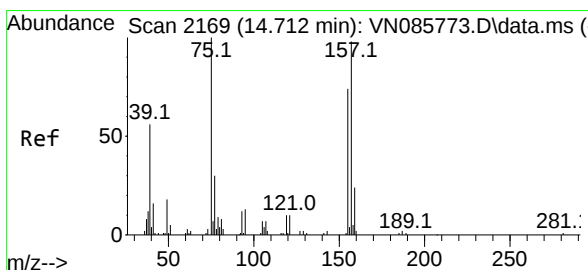
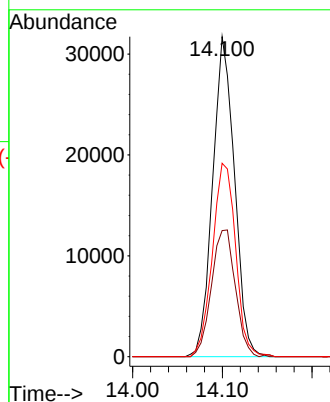
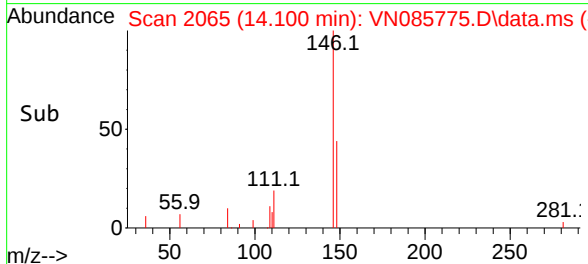
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



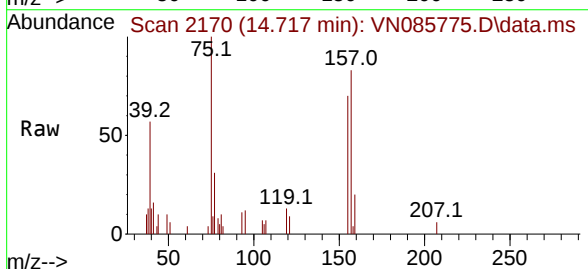
Tgt Ion:146 Resp: 5364
Ion Ratio Lower Upper
146 100
111 43.4 21.4 64.3
148 64.3 32.0 96.2

Manual Integrations
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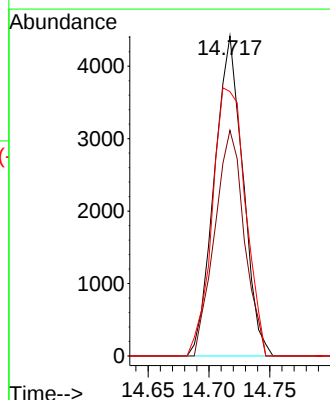
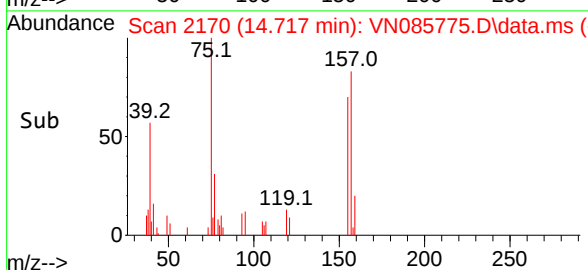
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

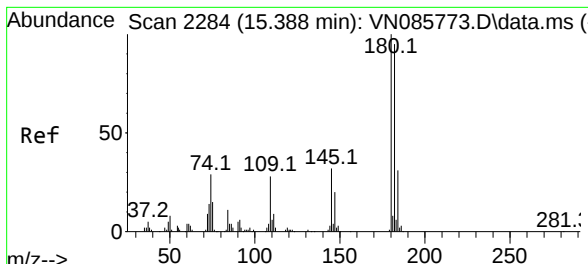


#92
1,2-Dibromo-3-Chloropropane
Concen: 10.996 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20



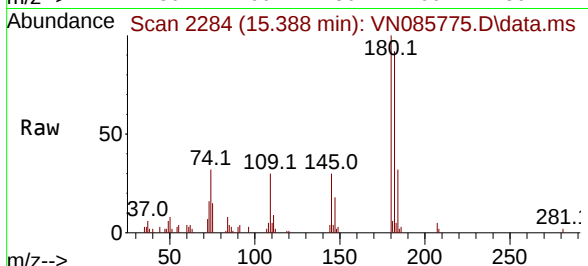
Tgt Ion: 75 Resp: 7223
Ion Ratio Lower Upper
75 100
155 73.0 39.9 119.6
157 96.9 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 10.406 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20

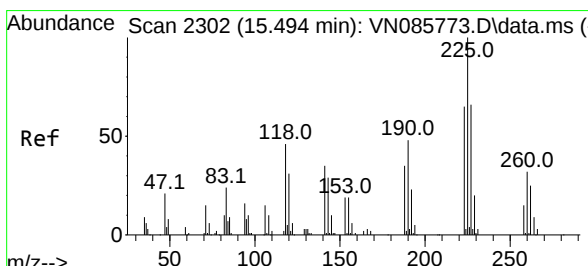
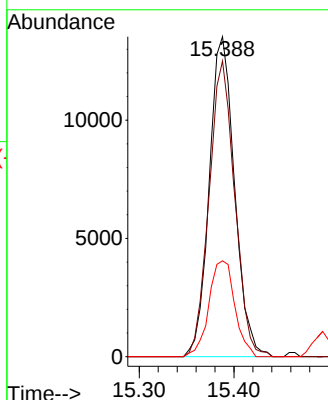
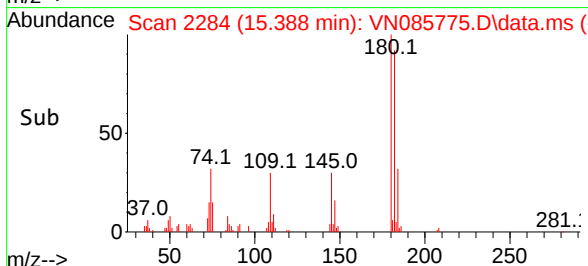
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



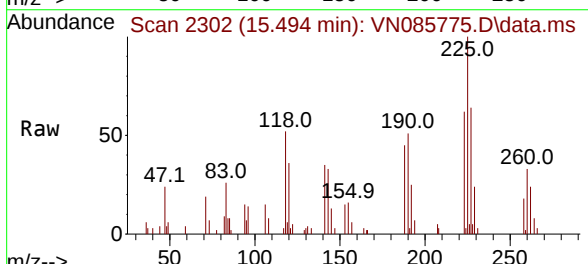
Tgt Ion:180 Resp: 25090
Ion Ratio Lower Upper
180 100
182 93.4 47.3 141.9
145 30.7 16.2 48.5

Manual Integrations
APPROVED

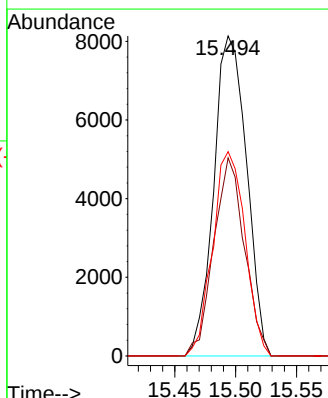
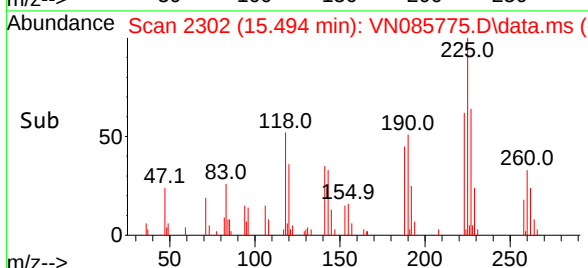
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

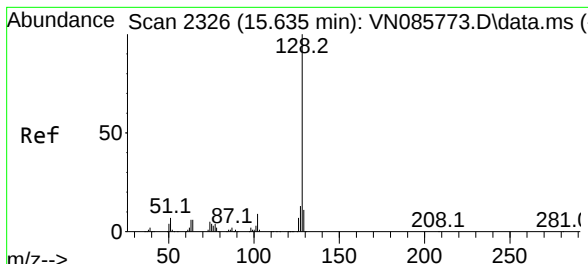


#94
Hexachlorobutadiene
Concen: 10.426 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.000 min
Lab File: VN085775.D
Acq: 18 Feb 2025 12:20



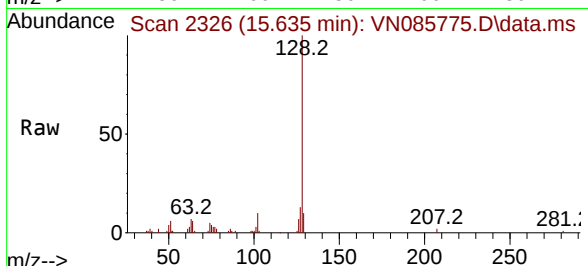
Tgt Ion:225 Resp: 15278
Ion Ratio Lower Upper
225 100
223 58.1 31.9 95.5
227 62.8 32.2 96.6





#95
 Naphthalene
 Concen: 9.902 ug/l
 RT: 15.635 min Scan# 2326
 Delta R.T. -0.000 min
 Lab File: VN085775.D
 Acq: 18 Feb 2025 12:20

Instrument : MSVOA_N
 ClientSampleId : VSTDIC010

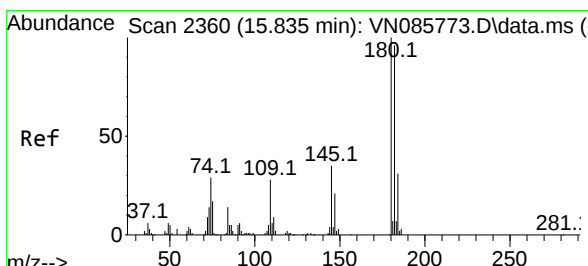
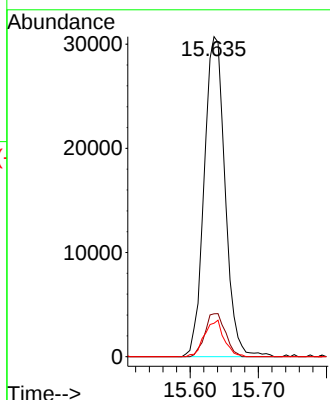
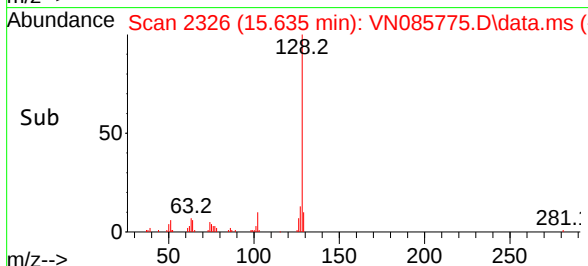


Tgt Ion:128 Resp: 65549

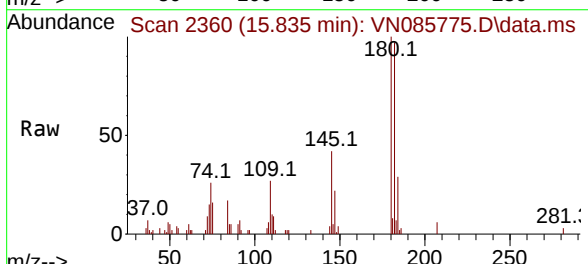
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	10.7	8.7	13.1

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#96
 1,2,3-Trichlorobenzene
 Concen: 10.581 ug/l
 RT: 15.835 min Scan# 2360
 Delta R.T. -0.000 min
 Lab File: VN085775.D
 Acq: 18 Feb 2025 12:20



Tgt Ion:180 Resp: 25612

Ion	Ratio	Lower	Upper
180	100		
182	92.2	47.3	141.8
145	33.0	16.9	50.6

